

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082490.D
 Acq On : 24 Oct 2015 3:07
 Operator : UM/IZ
 Sample : G4142-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Quant Time: Oct 24 04:57:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	83710	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	322526	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	159336	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	293273	20.00	ng	0.00
75) Chrysene-d12	13.94	240	217486	20.00	ng	-0.01
86) Perylene-d12	15.40	264	179464	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	656344	158.24	ng	0.01
7) Phenol-d6	6.41	99	803091	148.79	ng	0.00
23) Nitrobenzene-d5	7.33	82	544050	113.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	181321	121.34	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1072725	111.65	ng	0.00
78) Terphenyl-d14	12.88	244	1009211	122.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	83307	39.98	ng	97
3) Pyridine	3.03	79	118611	24.47	ng	98
4) n-Nitrosodimethylamine	2.98	42	96431	46.91	ng	96
6) Aniline	6.42	93	136500	19.61	ng	# 1
8) 2-Chlorophenol	6.55	128	236753	46.76	ng	98
9) Benzaldehyde	6.30	77	106277	38.56	ng	95
10) Phenol	6.42	94	289198	46.47	ng	90
11) bis(2-Chloroethyl)ether	6.50	93	231378	43.97	ng	95
12) 1,3-Dichlorobenzene	6.93	146	281319	47.71	ng	97
13) 1,4-Dichlorobenzene	6.77	146	280161	45.49	ng	96
14) 1,2-Dichlorobenzene	6.93	146	286940	49.07	ng	93
15) Benzyl Alcohol	6.91	79	208633	55.99	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	338146	46.14	ng	70
17) 2-Methylphenol	7.03	107	195795	48.90	ng	# 91
18) Hexachloroethane	7.26	117	94609	44.88	ng	92
19) n-Nitroso-di-n-propylamine	7.18	70	170024	44.86	ng	# 86
20) 3+4-Methylphenols	7.19	107	255387	53.53	ng	# 62
22) Acetophenone	7.18	105	353473	55.40	ng	# 86
24) Nitrobenzene	7.35	77	257093	49.45	ng	95
25) Isophorone	7.59	82	482269	49.75	ng	98
26) 2-Nitrophenol	7.67	139	142467	54.88	ng	97
27) 2,4-Dimethylphenol	7.71	122	239511	57.27	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	302837	53.69	ng	100
29) 2,4-Dichlorophenol	7.92	162	218674	52.31	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	244190	50.68	ng	99
31) Naphthalene	8.07	128	736955	52.71	ng	100
32) Benzoic acid	7.85	122	82296	29.32	ng	97
33) 4-Chloroaniline	8.13	127	92899	16.00	ng	96
34) Hexachlorobutadiene	8.18	225	139996	46.63	ng	98
35) Caprolactam	8.50	113	64211	52.92	ng	# 81
36) 4-Chloro-3-methylphenol	8.63	107	230875	56.47	ng	91
37) 2-Methylnaphthalene	8.75	142	473977	48.90	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	248649	52.47	ng	98
40) Hexachlorocyclopentadiene	8.90	237	85244	40.16	ng	96

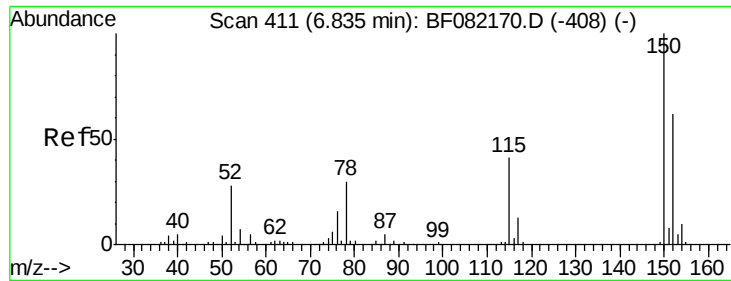
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082490.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	158850	50.46	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	163563	47.97	nq	99
45) 1,1'-Biphenyl	9.22	154	573991	47.24	nq	99
46) 2-Chloronaphthalene	9.25	162	455088	47.58	nq	# 92
47) 2-Nitroaniline	9.36	65	143625	54.70	nq	# 76
48) Acenaphthylene	9.67	152	753174	50.55	nq	99
49) Dimethylphthalate	9.53	163	774450	69.02	nq	100
50) 2,6-Dinitrotoluene	9.60	165	115458	48.77	nq	# 78
51) Acenaphthene	9.84	154	449728	50.28	nq	98
52) 3-Nitroaniline	9.77	138	79252	29.64	nq	98
53) 2,4-Dinitrophenol	9.89	184	66596	52.71	nq	96
54) Dibenzofuran	10.01	168	675013	54.97	nq	99
55) 4-Nitrophenol	9.95	139	125395	71.06	nq	# 83
56) 2,4-Dinitrotoluene	10.01	165	158760	53.65	nq	91
57) Fluorene	10.35	166	539629	53.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	134186	48.16	nq	96
59) Diethylphthalate	10.23	149	525789	50.27	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	236817	51.26	nq	97
61) 4-Nitroaniline	10.39	138	110798	42.72	nq	94
62) Azobenzene	10.50	77	507695	49.60	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	57613	35.01	nq	88
65) n-Nitrosodiphenylamine	10.47	169	445342	50.72	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	150334	51.22	nq	96
67) Hexachlorobenzene	10.89	284	148669	46.84	nq	# 59
68) Atrazine	11.01	200	165099	59.35	nq	95
69) Pentachlorophenol	11.10	266	144507	88.47	nq	98
70) Phenanthrene	11.31	178	768798	53.48	nq	100
71) Anthracene	11.36	178	752076	50.77	nq	99
72) Carbazole	11.53	167	691565	51.18	nq	98
73) Di-n-butylphthalate	11.85	149	807704	48.45	nq	100
74) Fluoranthene	12.50	202	786916	50.97	nq	99
76) Benzidine	12.64	184	59372	9.42	nq	98
77) Pyrene	12.73	202	775872	60.11	nq	99
79) Butylbenzylphthalate	13.35	149	347540	59.00	nq	88
80) Benzo(a)anthracene	13.93	228	585384	51.73	nq	100
81) 3,3'-Dichlorobenzidine	13.90	252	182740	42.54	nq	98
82) Chrysene	13.97	228	505671	42.41	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	503116	59.87	nq	99
84) Di-n-octyl phthalate	14.56	149	753621	52.22	nq	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	515231	54.37	nq	98
87) Benzo(b)fluoranthene	15.00	252	993029	90.95	nq	99
88) Benzo(k)fluoranthene	15.00	252	993522	108.26	nq	99
89) Benzo(a)pyrene	15.34	252	472469	50.35	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	435225	56.60	nq	96
91) Benzo(g,h,i)perylene	17.20	276	427107	57.17	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

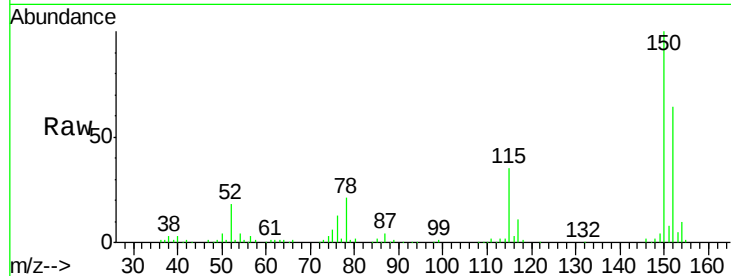


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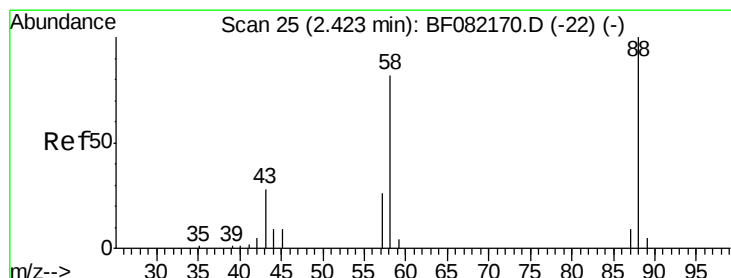
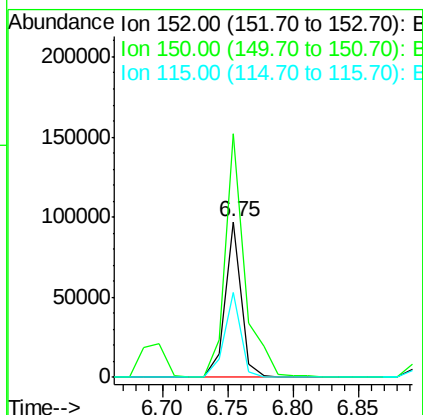
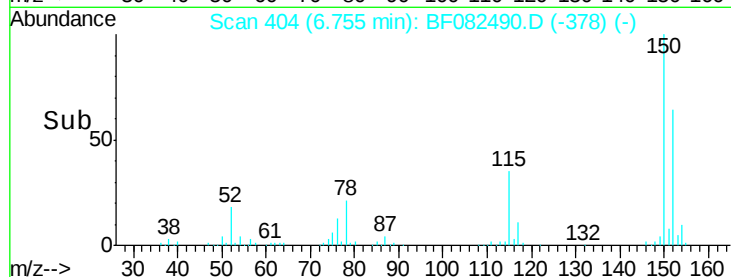
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tot Ion:152 Resp: 83710
 Ion Ratio Lower Upper
 152 100
 150 156.3 129.0 193.4
 115 54.4 52.1 78.1



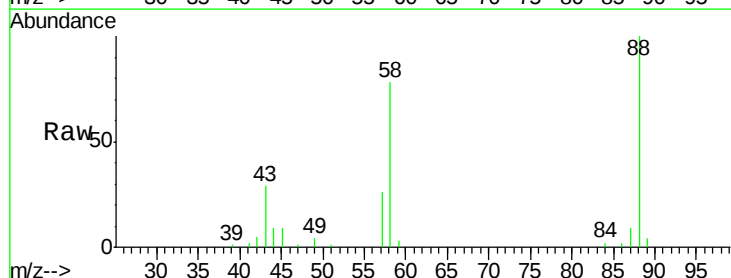
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



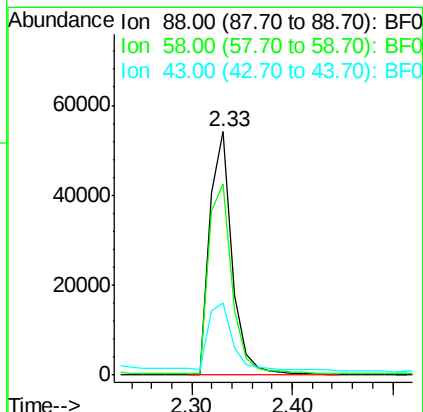
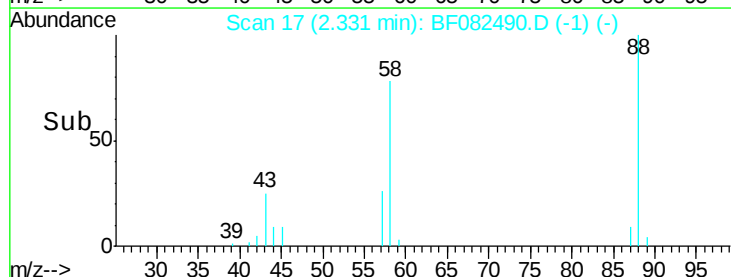
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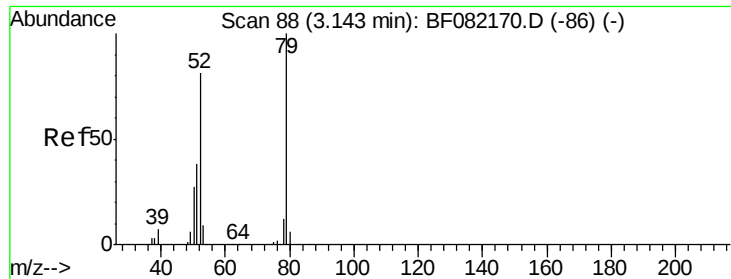
1,4-Dioxane
 Concen: 39.98 ng
 RT: 2.33 min Scan# 17
 Delta R.T. 0.07 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion: 88 Resp: 83307
 Ion Ratio Lower Upper
 88 100
 58 81.1 66.2 99.4
 43 32.9 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.47 ng

RT: 3.03 min Scan# 78

Delta R.T. 0.07 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

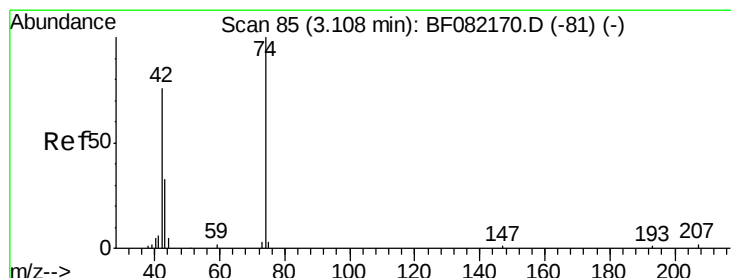
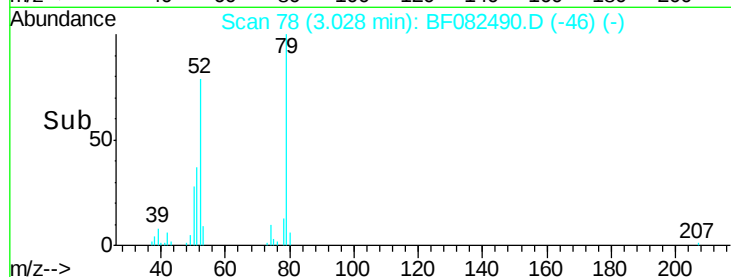
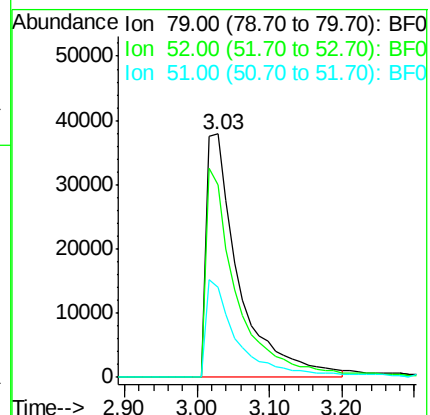
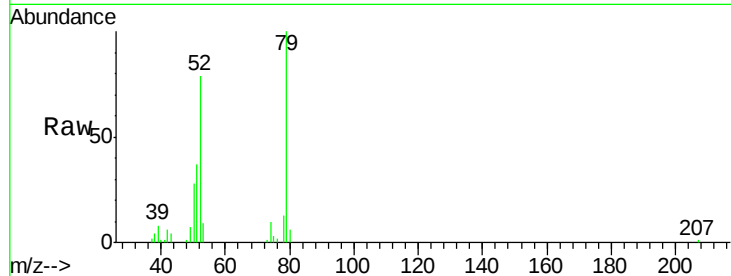
Tot Ion: 79 Resp: 118611

Ion Ratio Lower Upper

79 100

52 78.8 64.4 96.6

51 37.1 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 46.91 ng

RT: 2.98 min Scan# 74

Delta R.T. 0.05 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

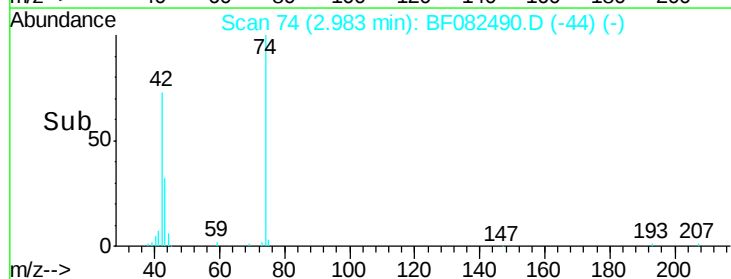
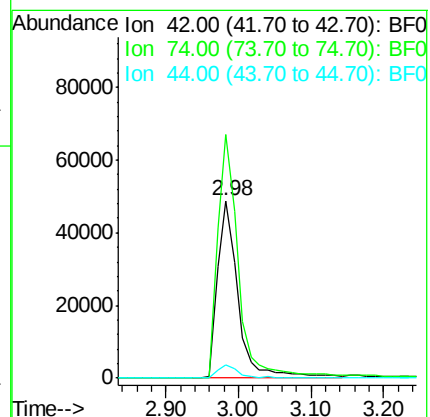
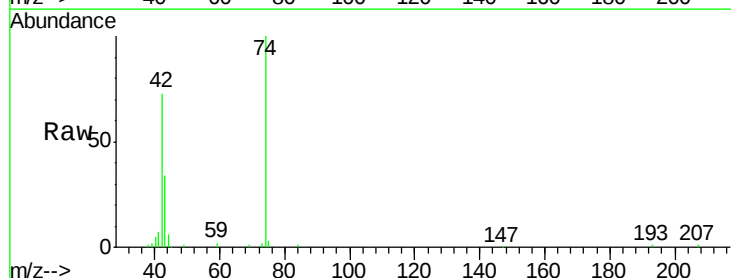
Tgt Ion: 42 Resp: 96431

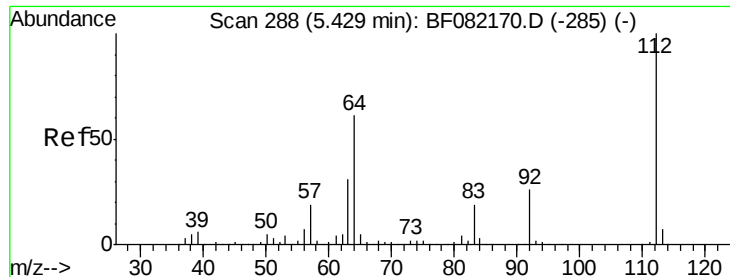
Ion Ratio Lower Upper

42 100

74 137.2 105.7 158.5

44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 158.24 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

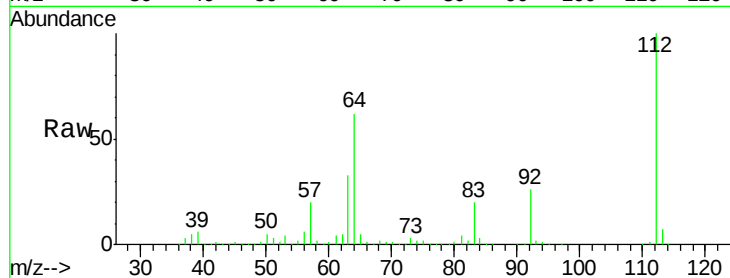
Tot Ion:112 Resp: 656344

Ion Ratio Lower Upper

112 100

64 62.2 48.6 73.0

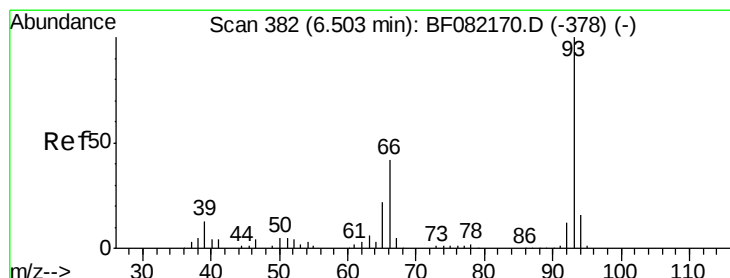
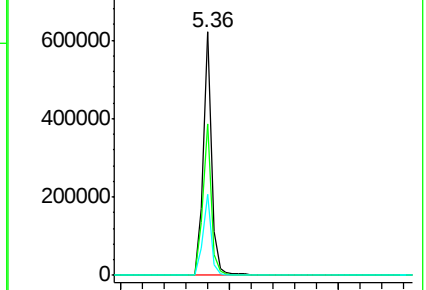
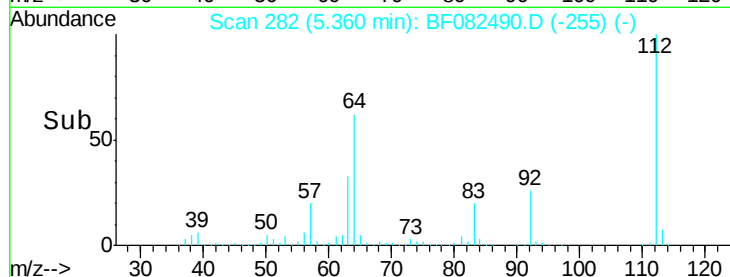
63 33.1 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.61 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

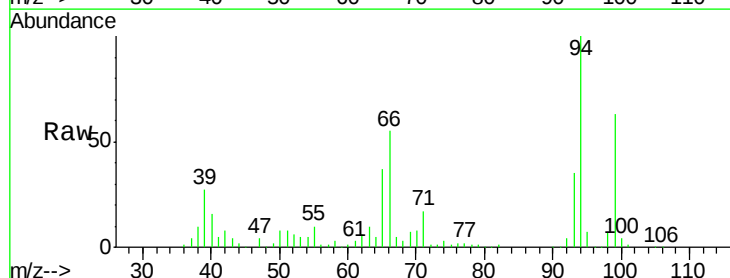
Tgt Ion: 93 Resp: 136500

Ion Ratio Lower Upper

93 100

66 159.8 34.2 51.2#

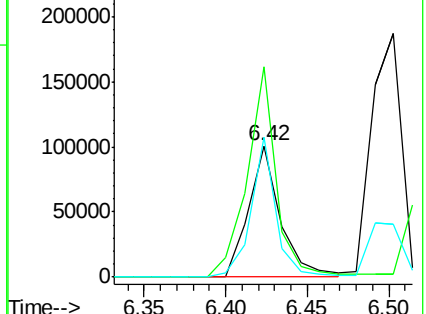
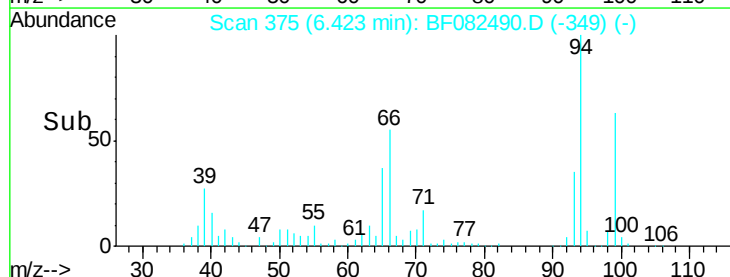
65 106.5 17.9 26.9#

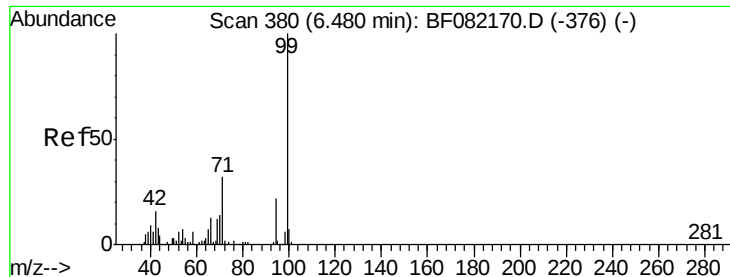


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 148.79 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

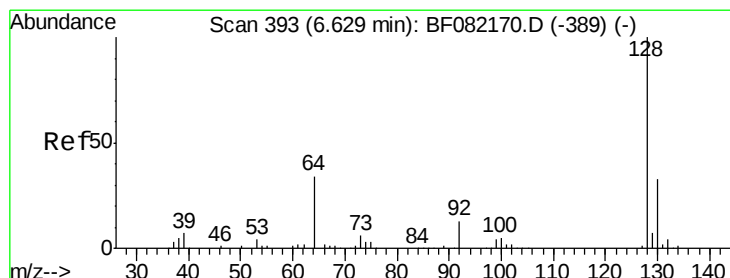
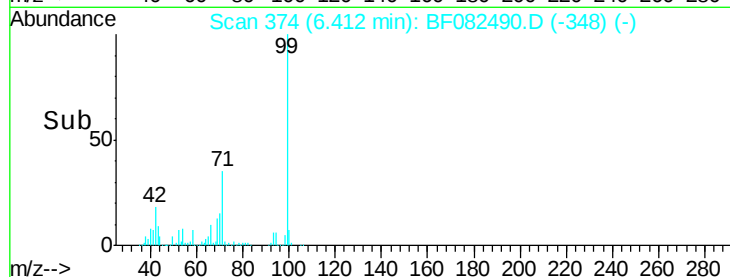
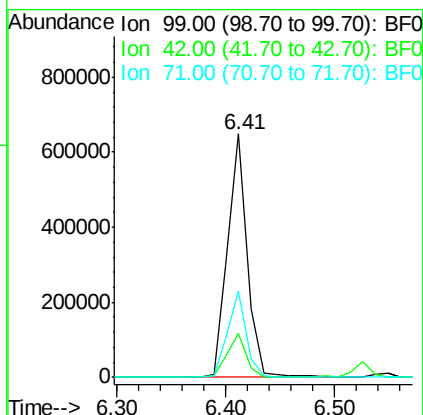
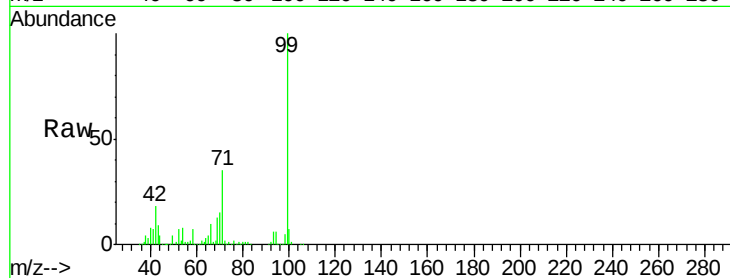
Tot Ion: 99 Resp: 803091

Ion Ratio Lower Upper

99 100

42 18.2 13.2 19.8

71 35.2 25.6 38.4



#8

2-Chlorophenol

Concen: 46.76 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

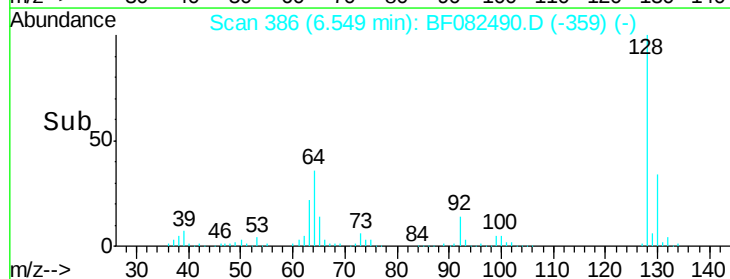
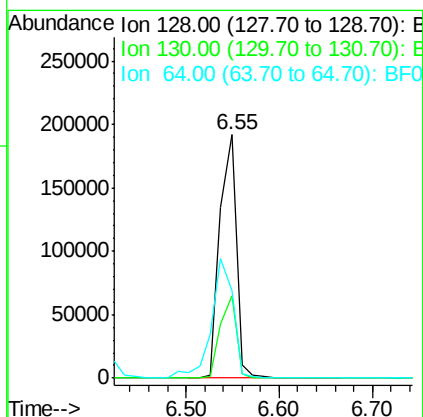
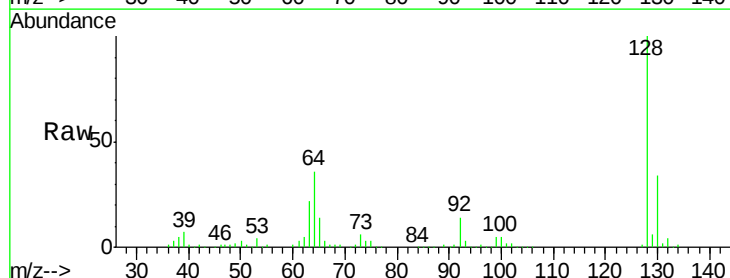
Tgt Ion: 128 Resp: 236753

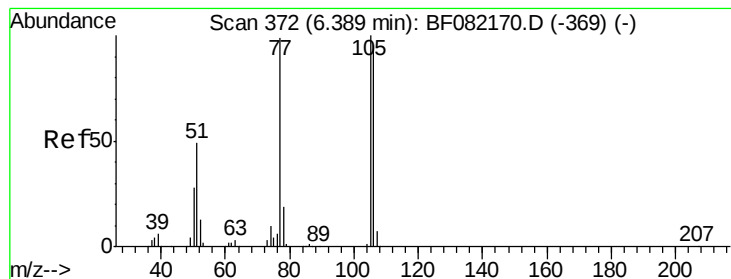
Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

64 35.9 16.7 56.7





#9

Benzaldehyde

Concen: 38.56 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampled :

NC-003MSD

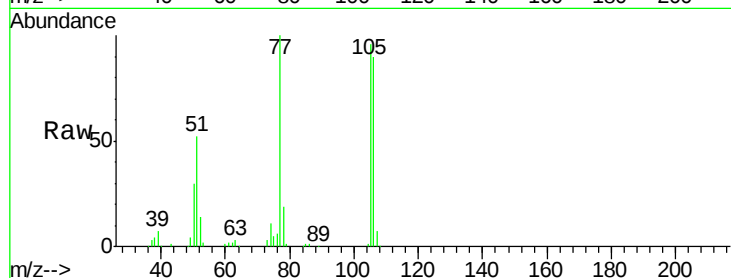
Tot Ion: 77 Resp: 106277

Ion Ratio Lower Upper

77 100

105 95.6 80.6 120.6

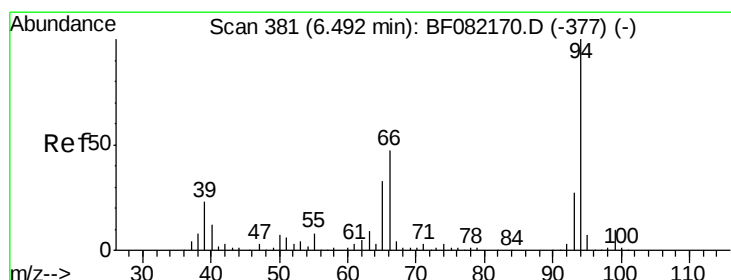
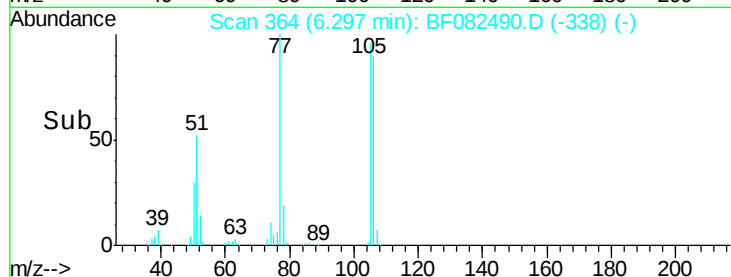
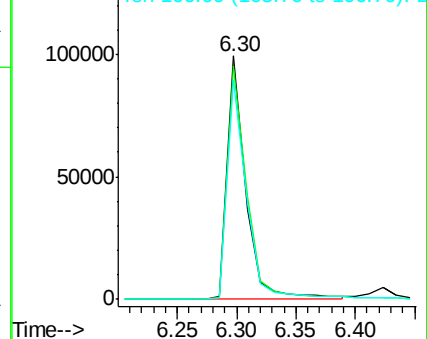
106 90.1 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.47 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

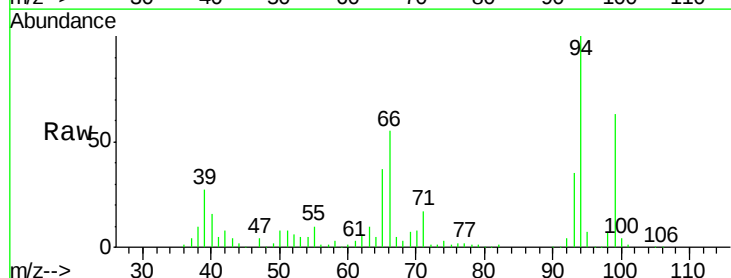
Tgt Ion: 94 Resp: 289198

Ion Ratio Lower Upper

94 100

65 36.9 12.6 52.6

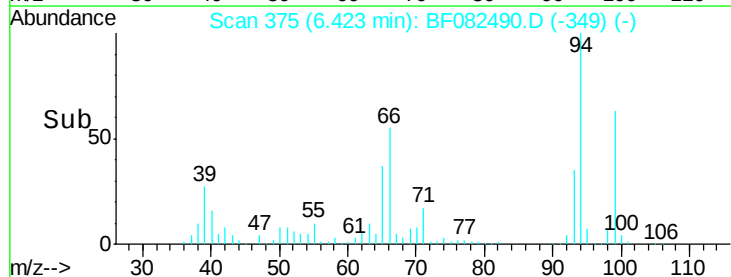
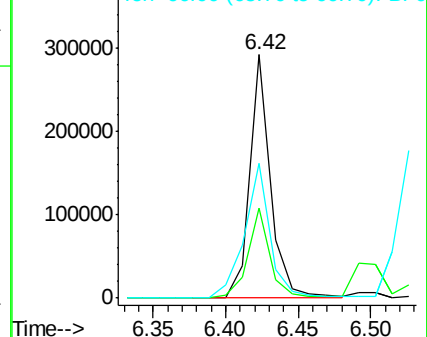
66 55.4 27.3 67.3

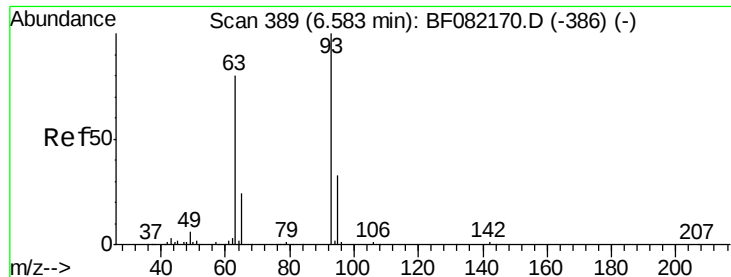


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.97 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

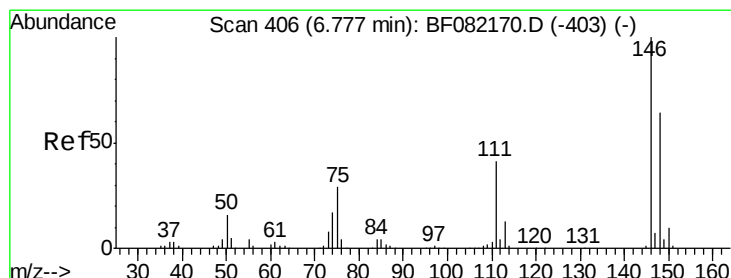
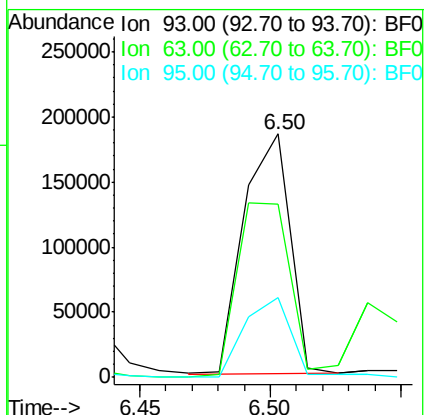
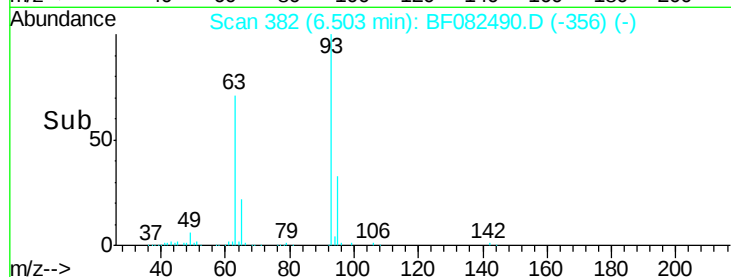
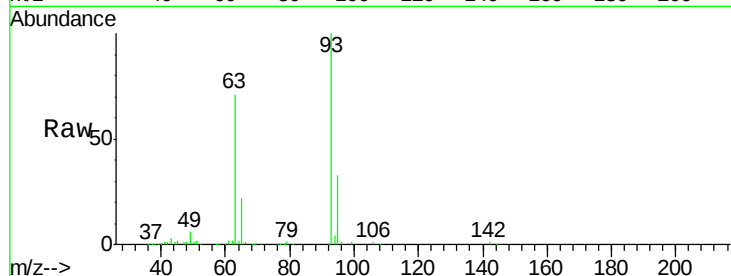
Tot Ion: 93 Resp: 231378

Ion Ratio Lower Upper

93 100

63 71.3 57.1 97.1

95 32.8 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 47.71 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

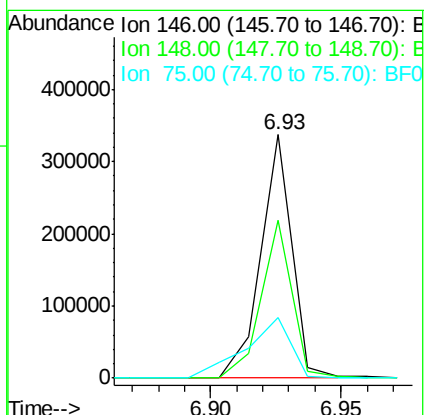
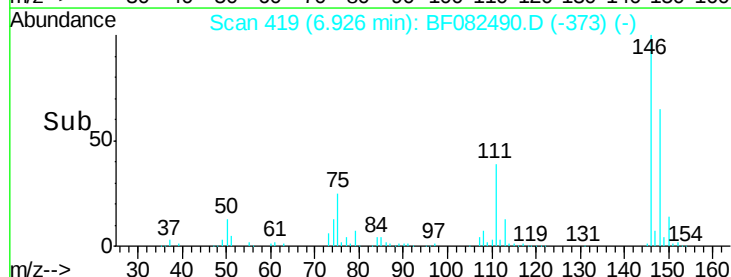
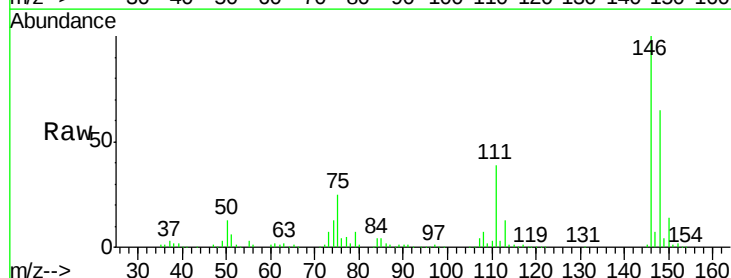
Tgt Ion: 146 Resp: 281319

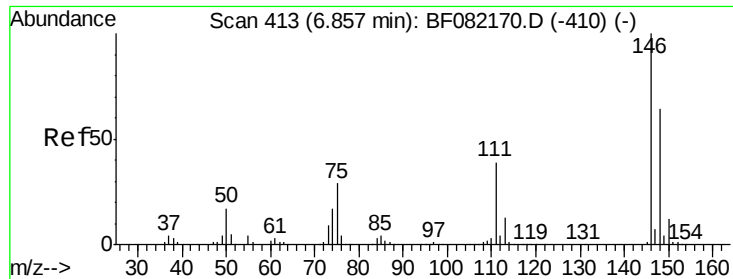
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

75 24.7 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 45.49 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

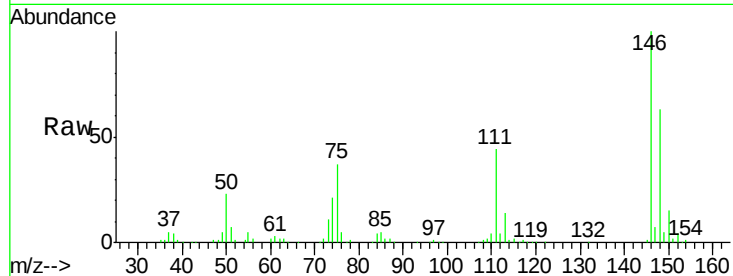
Tot Ion:146 Resp: 280161

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

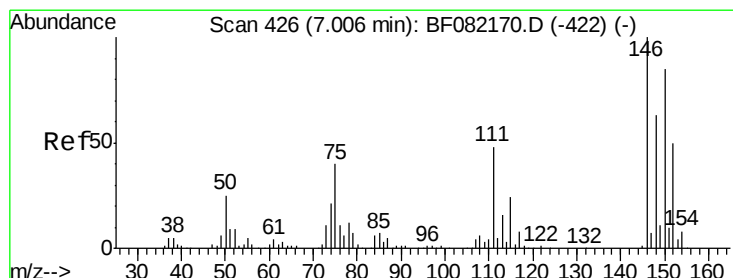
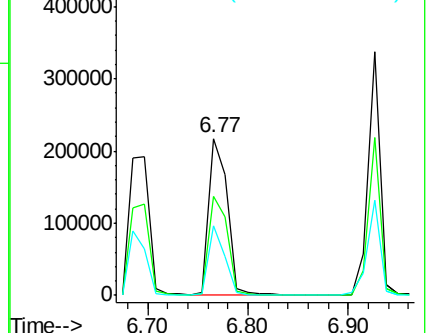
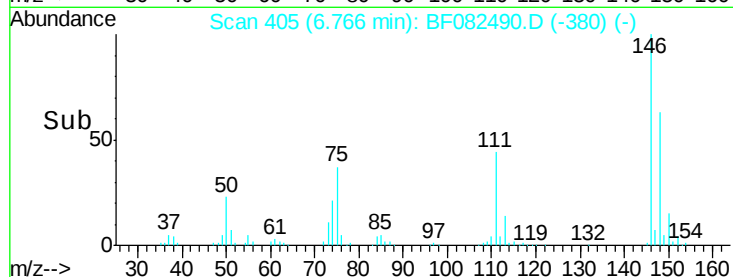
111 44.1 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.07 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

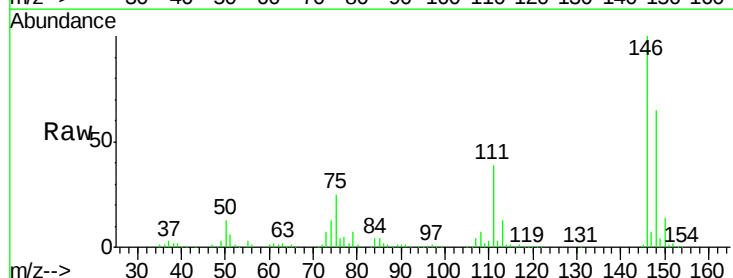
Tgt Ion:146 Resp: 286940

Ion Ratio Lower Upper

146 100

148 64.8 50.5 75.7

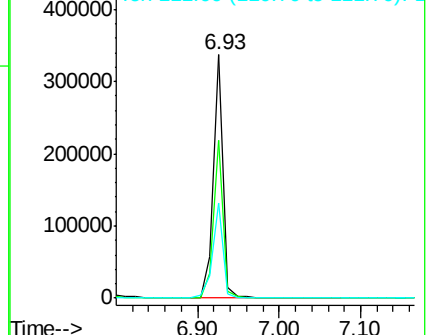
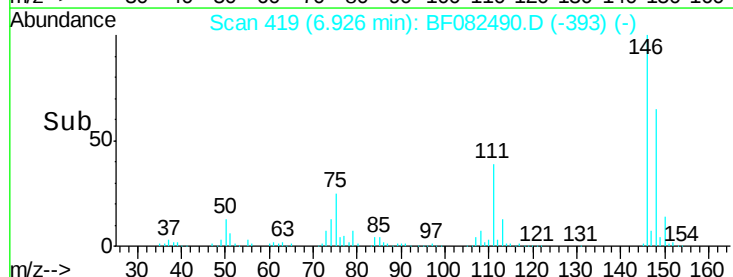
111 39.1 38.5 57.7

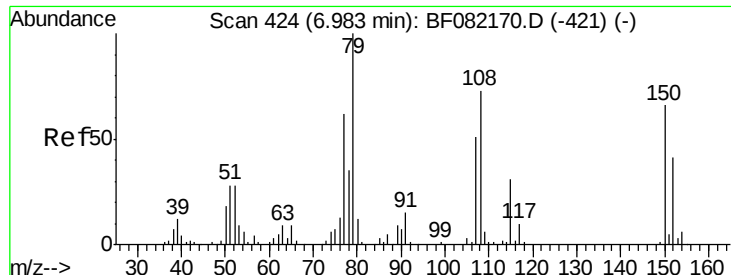


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.99 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

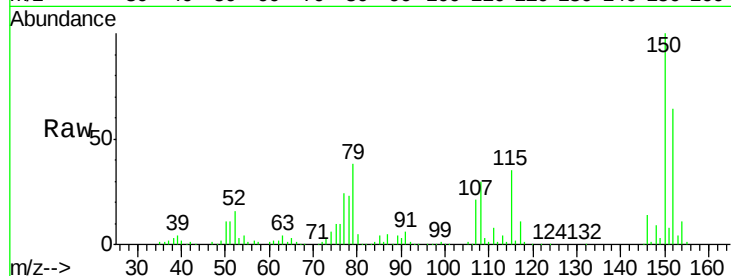
Tot Ion: 79 Resp: 208633

Ion Ratio Lower Upper

79 100

108 79.7 58.4 87.6

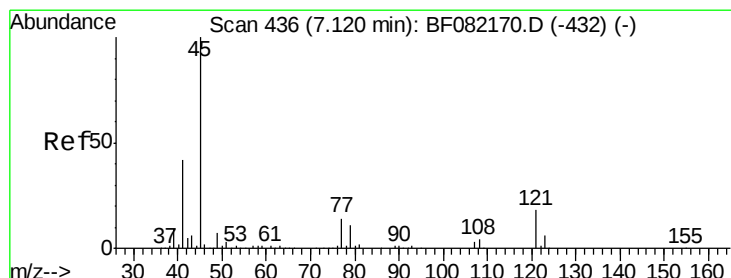
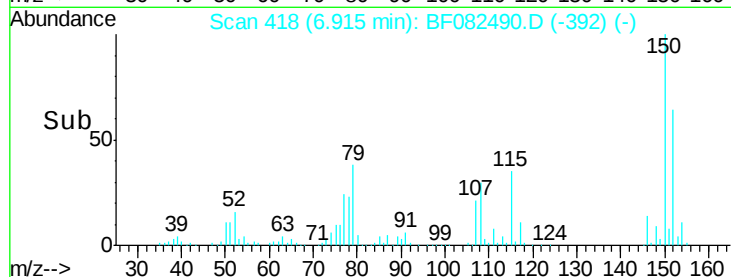
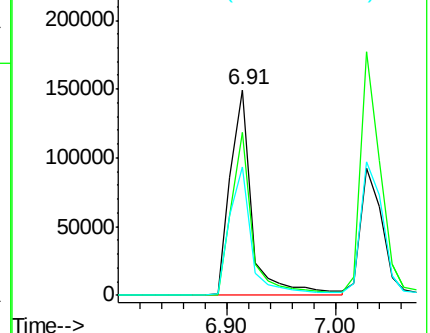
77 62.7 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.14 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

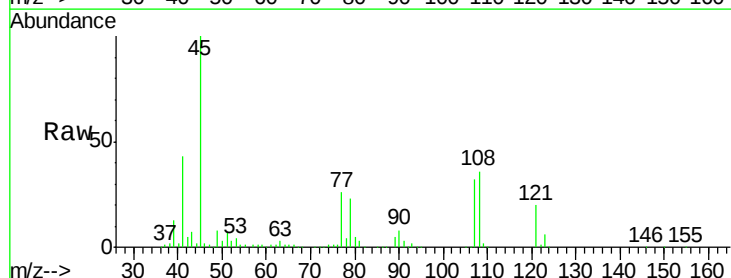
Tgt Ion: 45 Resp: 338146

Ion Ratio Lower Upper

45 100

77 26.4 0.0 34.5

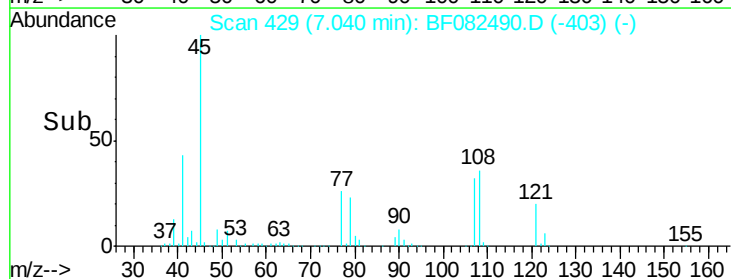
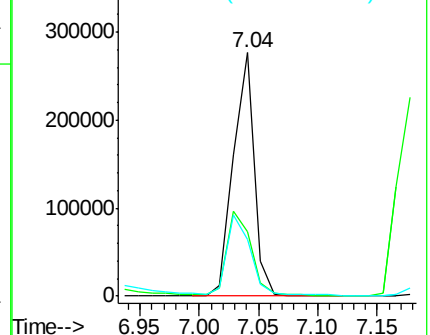
79 23.4 0.0 31.6

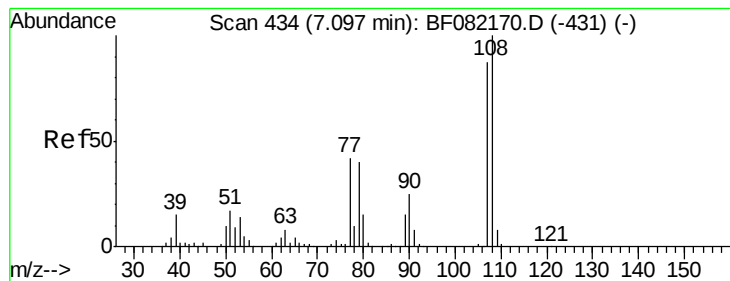


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 48.90 ng

RT: 7.03 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

Tot Ion:107 Resp: 195795

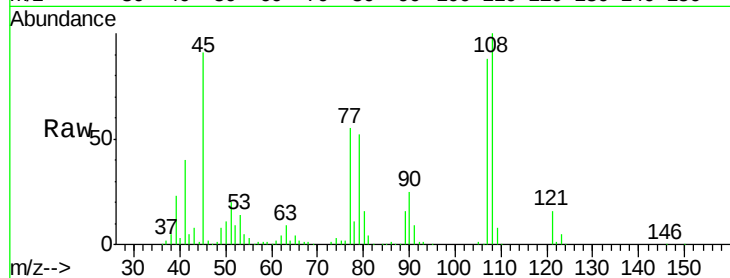
Ion Ratio Lower Upper

107 100

108 113.7 92.2 138.2

77 62.2 39.6 59.4#

79 59.3 38.2 57.4#

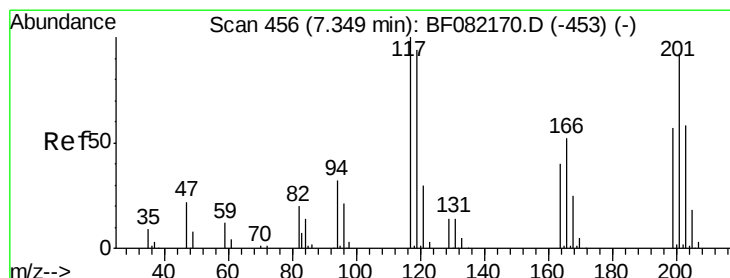
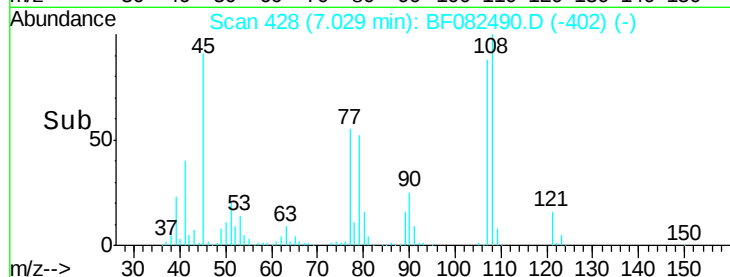
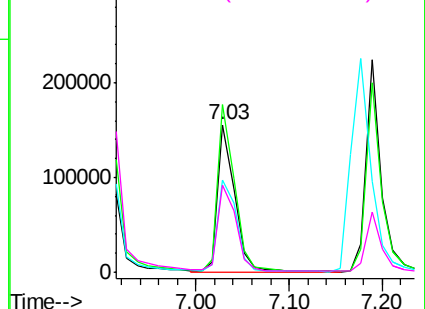


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.88 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

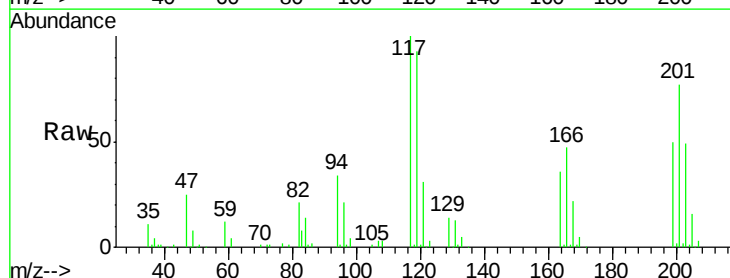
Tgt Ion:117 Resp: 94609

Ion Ratio Lower Upper

117 100

119 93.3 75.4 113.2

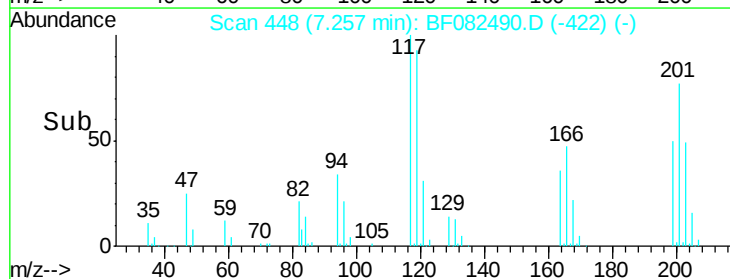
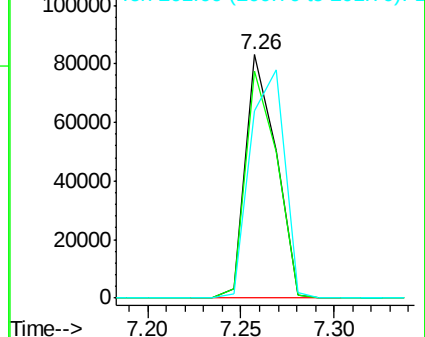
201 77.1 73.4 110.0

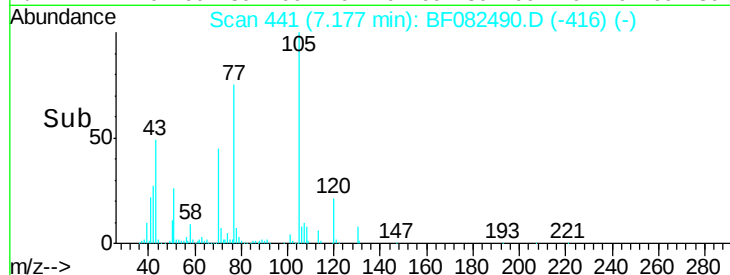
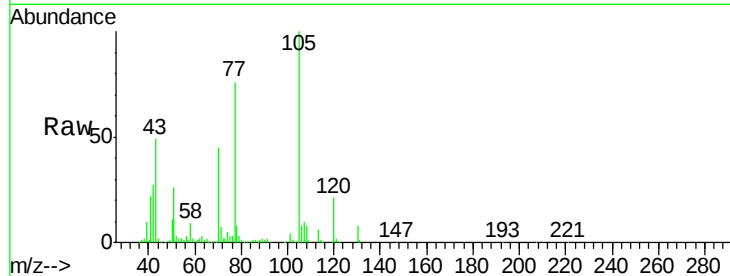
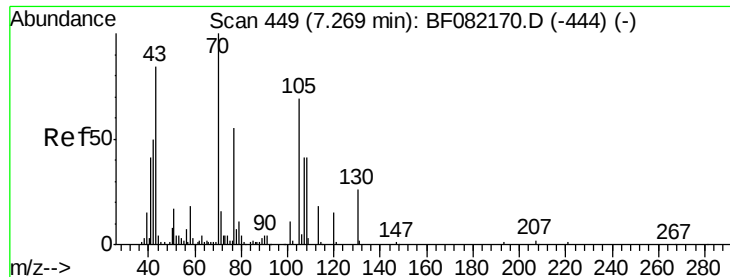


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

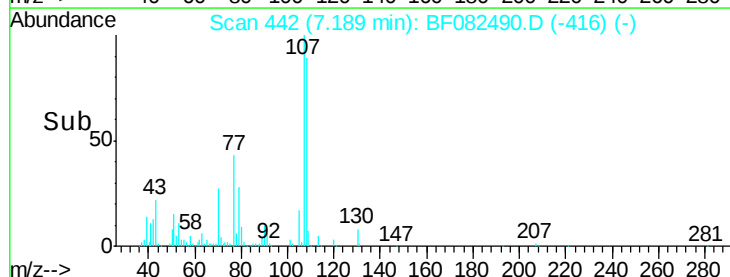
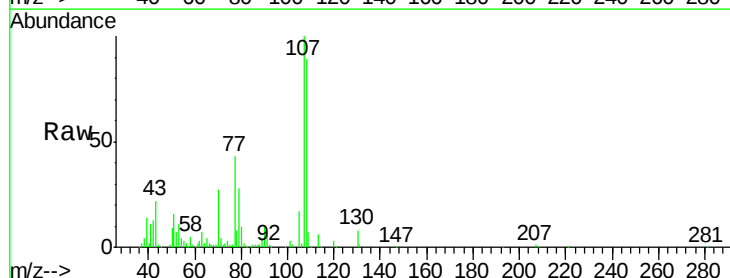
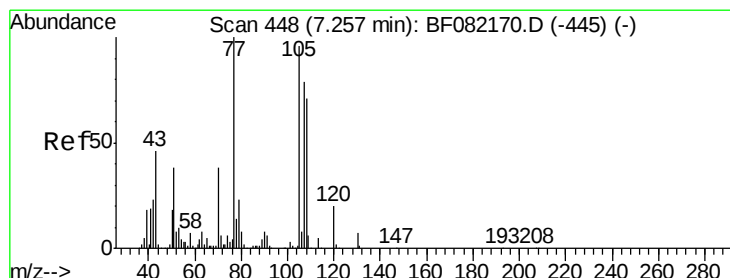
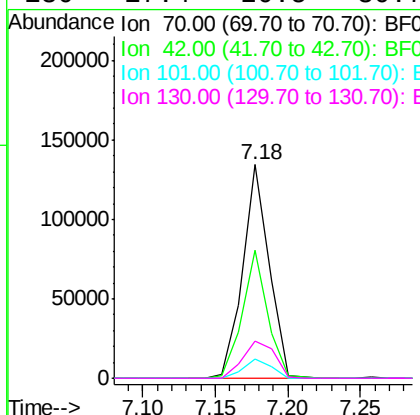




#19
n-Nitroso-di-n-propylamine
Concen: 44.86 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

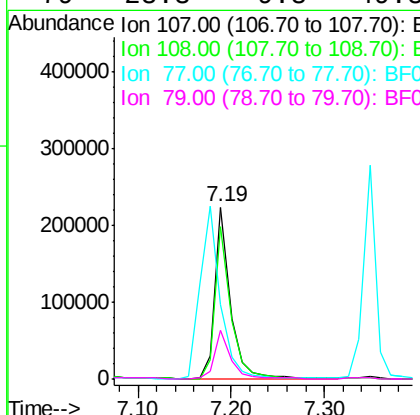
Instrument :
BNA_F
ClientSampleId :
NC-003MSD

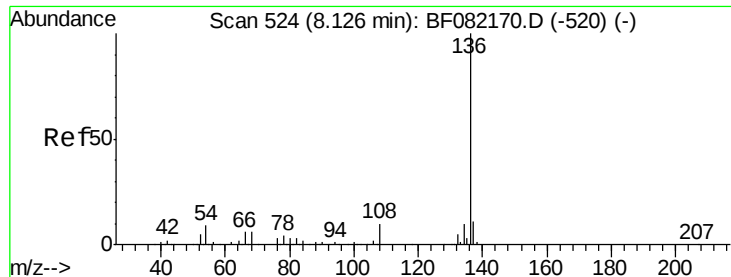
Tot Ion: 70 Resp: 170024
Ion Ratio Lower Upper
70 100
42 59.8 39.8 59.8#
101 8.8 8.6 13.0
130 17.4 20.5 30.7#



#20
3+4-Methylphenols
Concen: 53.53 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:107 Resp: 255387
Ion Ratio Lower Upper
107 100
108 89.1 69.9 109.9
77 43.1 106.0 146.0#
79 28.3 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

Tot Ion:136 Resp: 322526

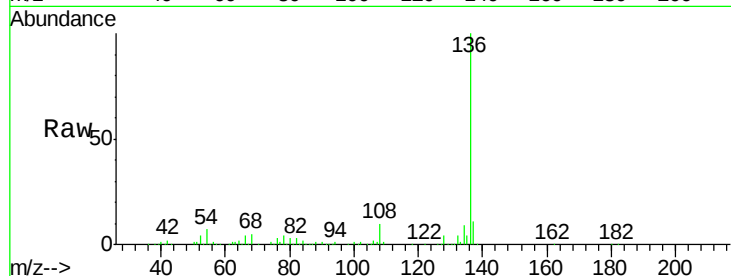
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.1 7.5 11.3#

68 4.8 4.6 7.0

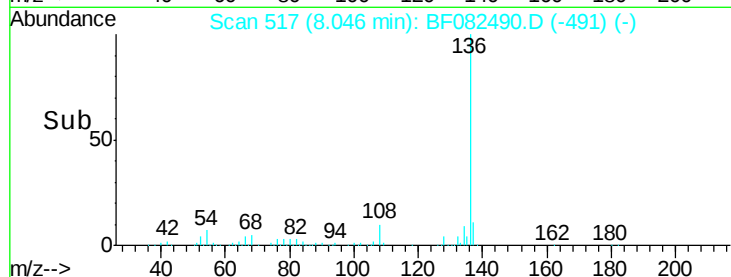


Abundance Ion 136.00 (135.70 to 136.70): E

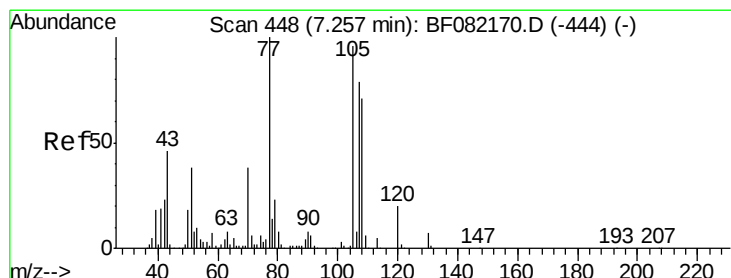
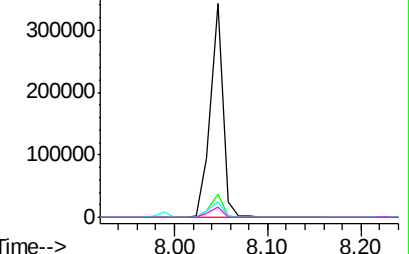
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 55.40 ng

RT: 7.18 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:105 Resp: 353473

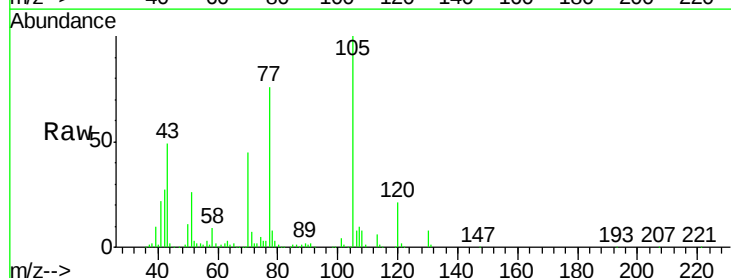
Ion Ratio Lower Upper

105 100

71 7.2 5.4 8.0

51 26.0 31.8 47.6#

120 21.4 16.3 24.5

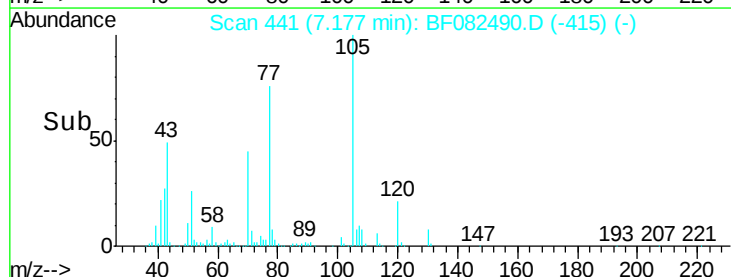


Abundance Ion 105.00 (104.70 to 105.70): E

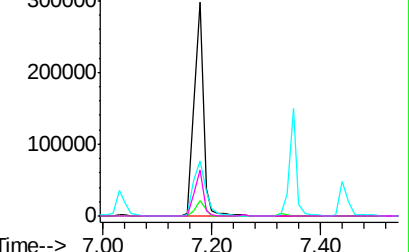
Ion 71.00 (70.70 to 71.70): BF0

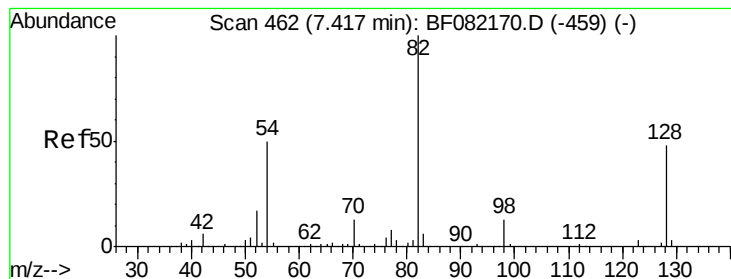
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 113.28 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

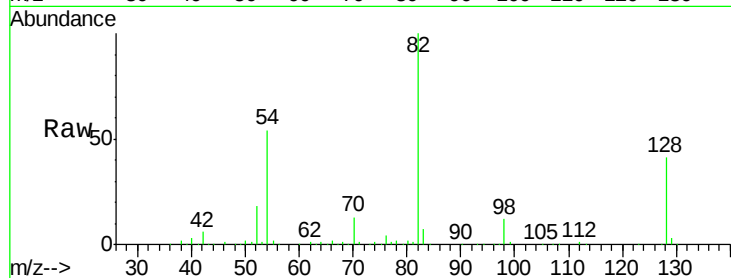
Tot Ion: 82 Resp: 544050

Ion Ratio Lower Upper

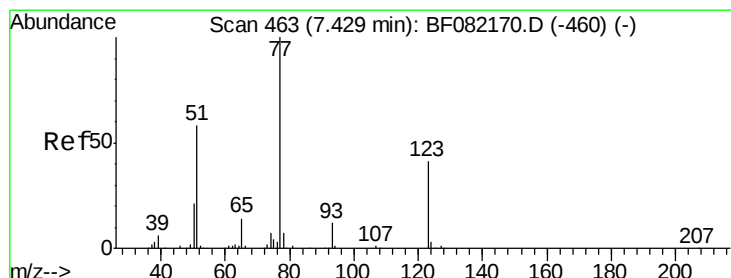
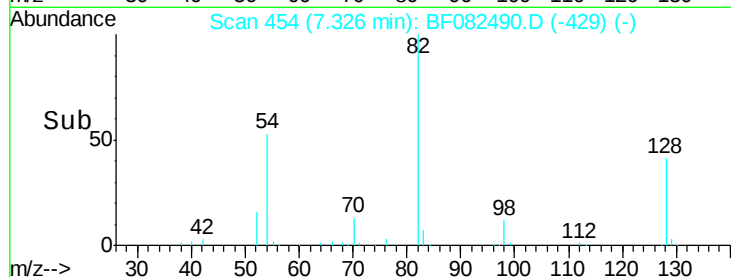
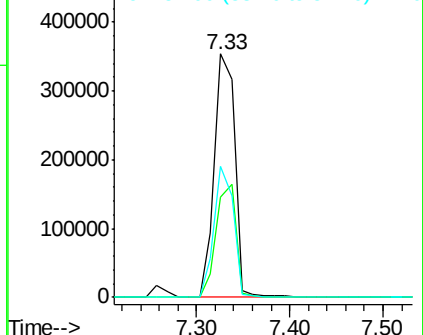
82 100

128 41.2 38.7 58.1

54 53.9 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.45 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

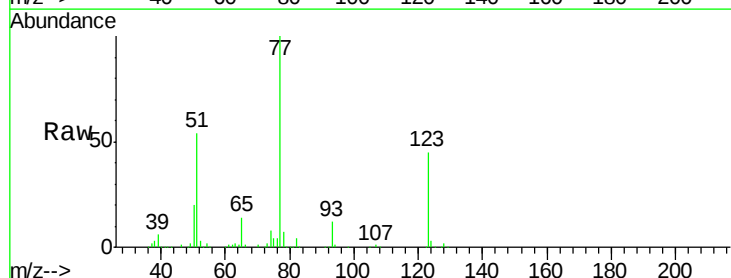
Tgt Ion: 77 Resp: 257093

Ion Ratio Lower Upper

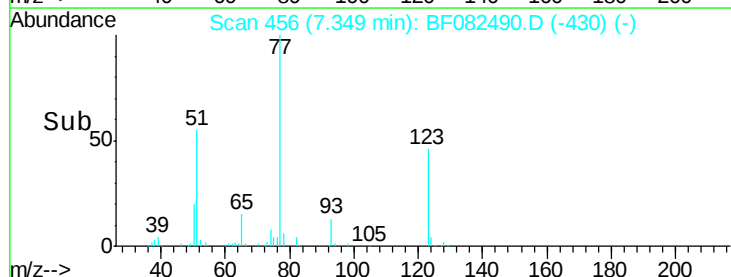
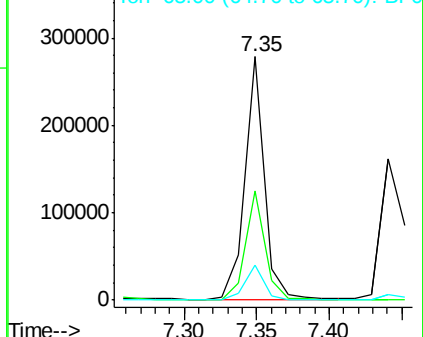
77 100

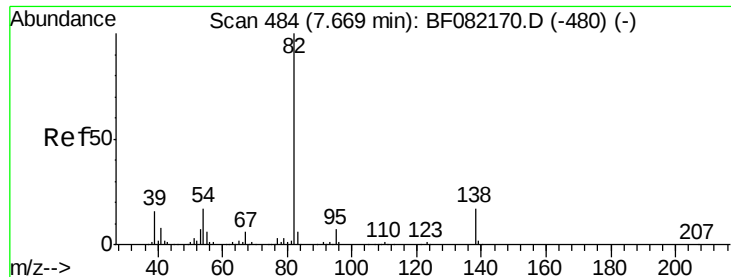
123 45.0 33.0 49.4

65 14.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.75 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

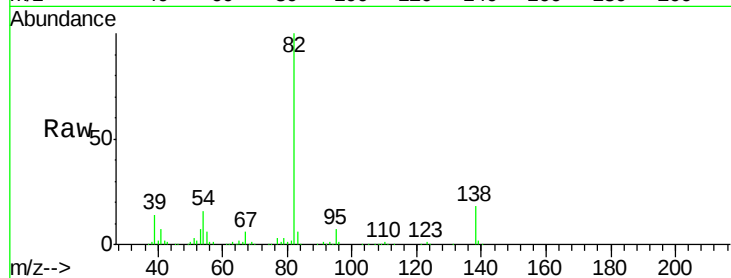
Tot Ion: 82 Resp: 482269

Ion Ratio Lower Upper

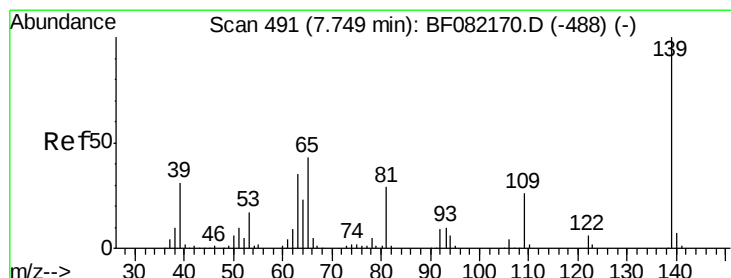
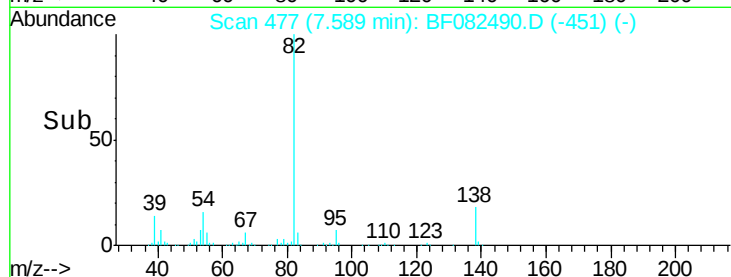
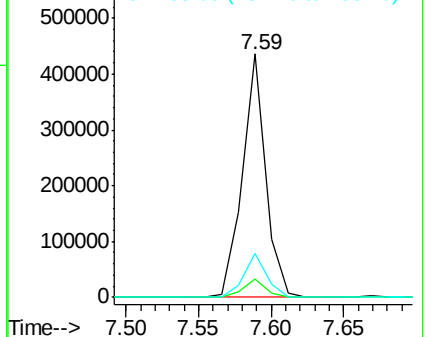
82 100

95 7.3 5.6 8.4

138 18.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 54.88 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

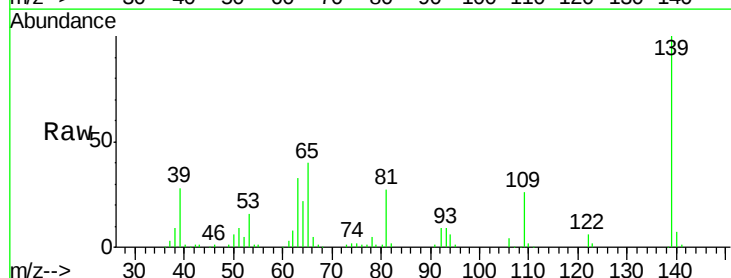
Tgt Ion: 139 Resp: 142467

Ion Ratio Lower Upper

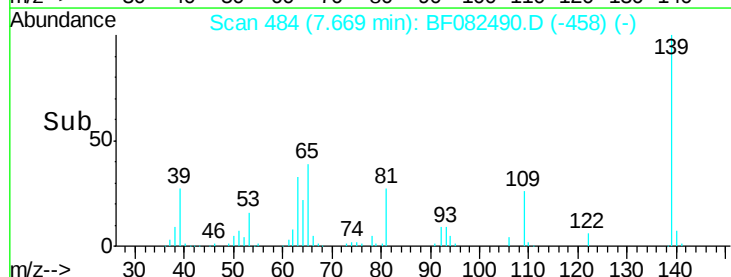
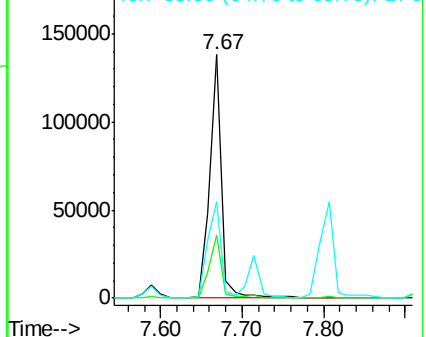
139 100

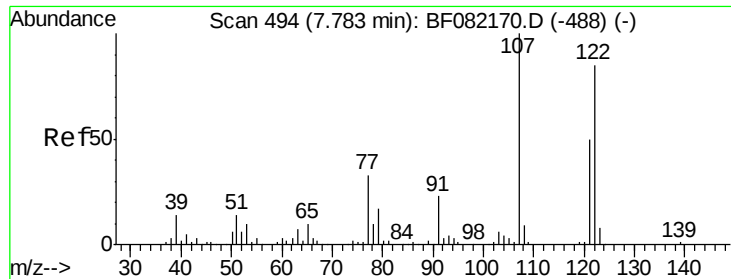
109 26.0 20.6 31.0

65 39.7 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 57.27 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

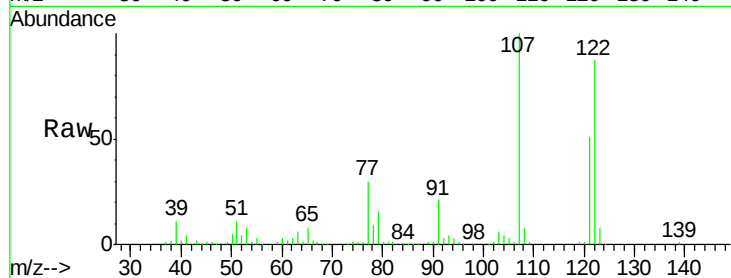
Tot Ion:122 Resp: 239511

Ion Ratio Lower Upper

122 100

107 114.6 94.0 141.0

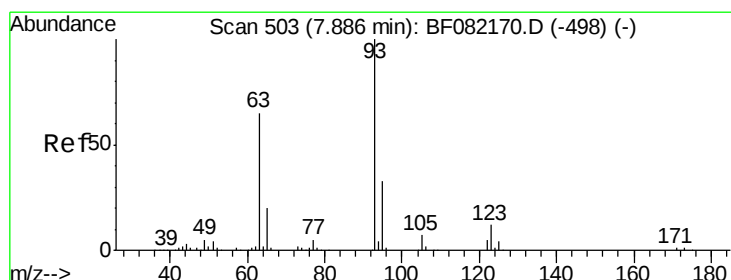
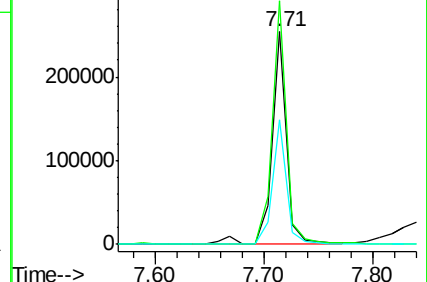
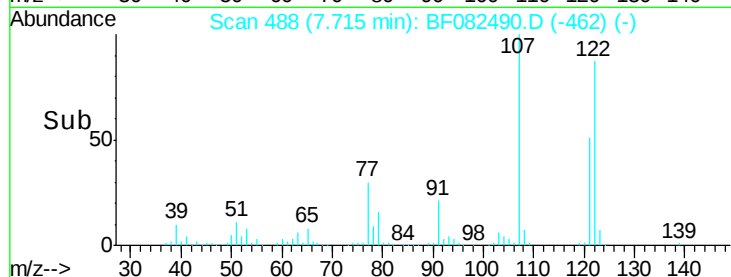
121 58.4 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.69 ng

RT: 7.81 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

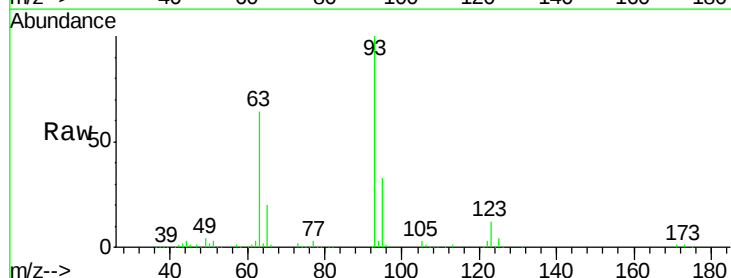
Tgt Ion: 93 Resp: 302837

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

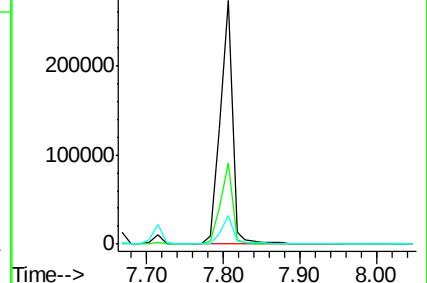
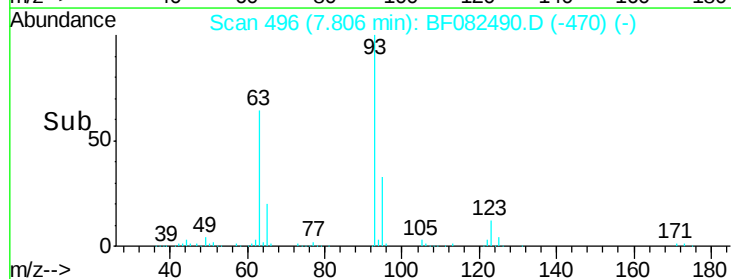
123 11.8 9.5 14.3

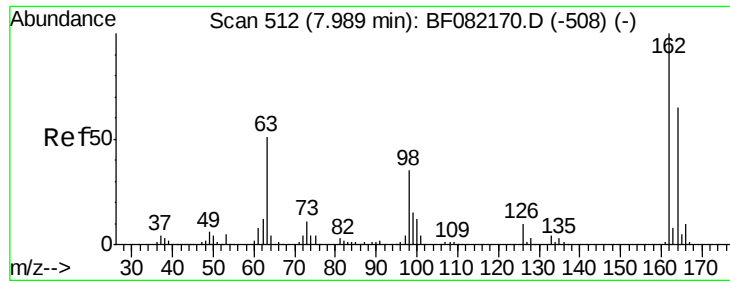


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

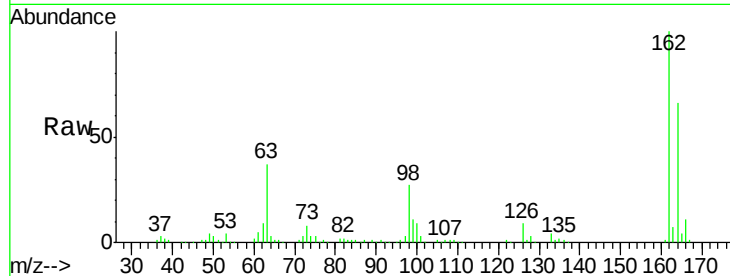




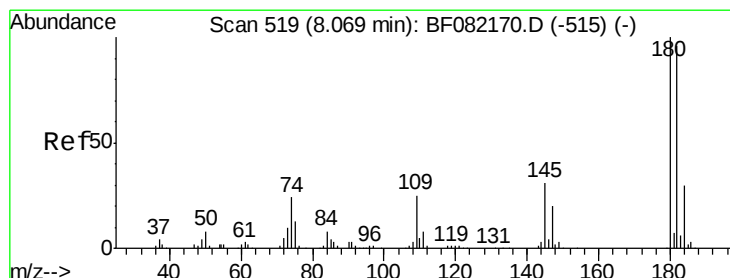
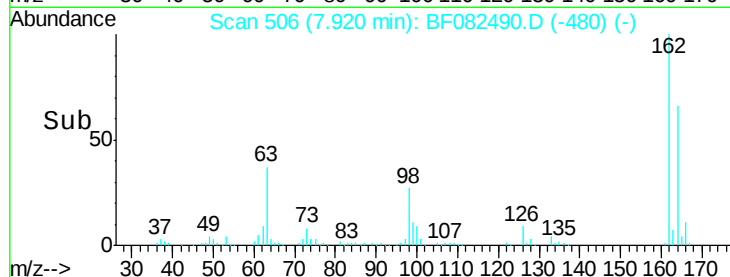
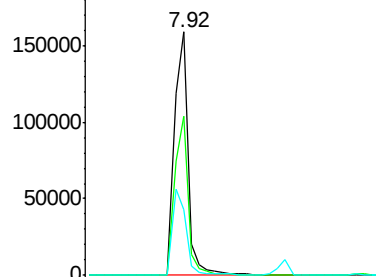
#29
 2,4-Dichlorophenol
 Concen: 52.31 ng
 RT: 7.92 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tot Ion:162 Resp: 218674
 Ion Ratio Lower Upper
 162 100
 164 65.6 44.6 84.6
 98 27.1 15.0 55.0

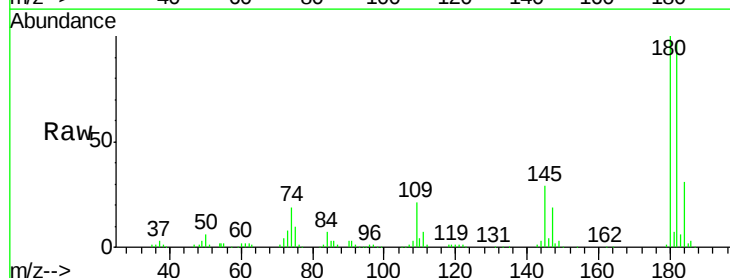


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

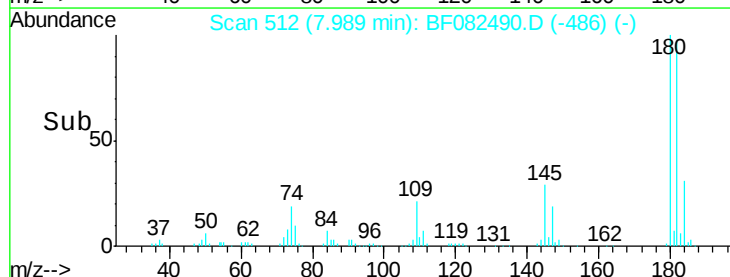
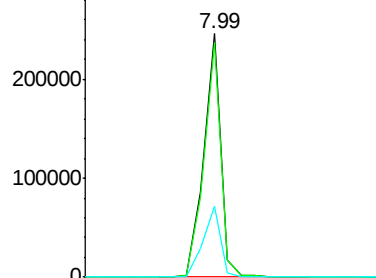


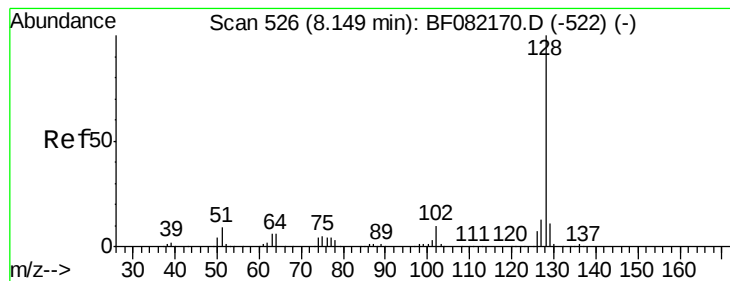
#30
 1,2,4-Trichlorobenzene
 Concen: 50.68 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion:180 Resp: 244190
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.0 115.4
 145 29.0 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.71 ng

RT: 8.07 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

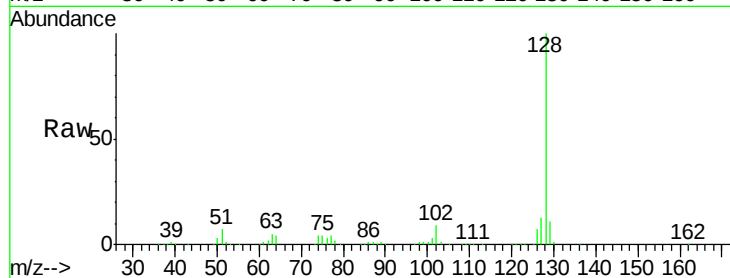
Tot Ion:128 Resp: 736955

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

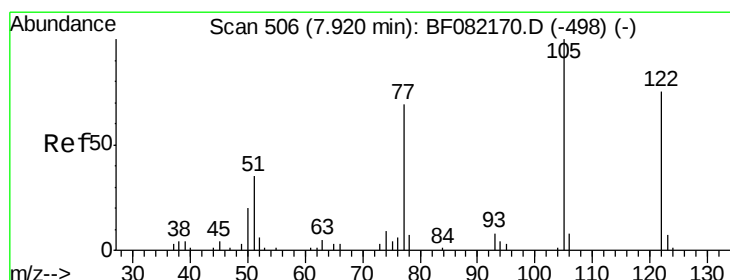
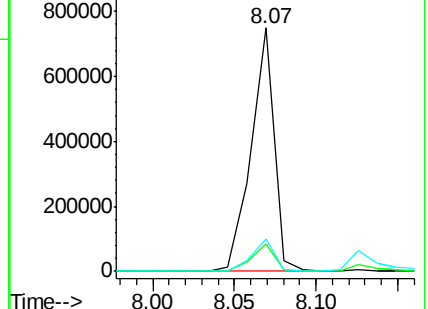
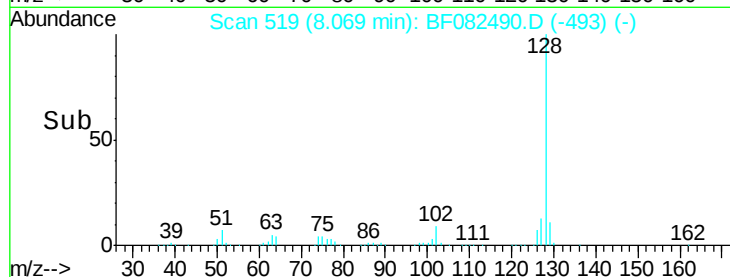
127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.32 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

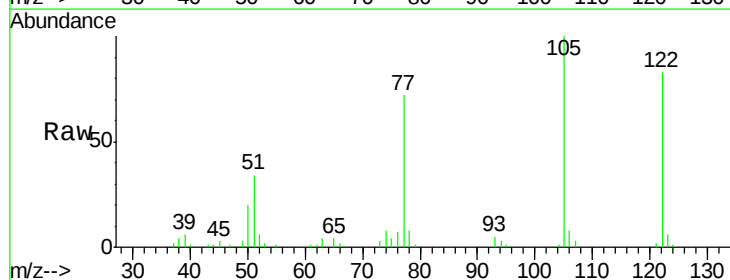
Tgt Ion:122 Resp: 82296

Ion Ratio Lower Upper

122 100

105 120.6 104.4 144.4

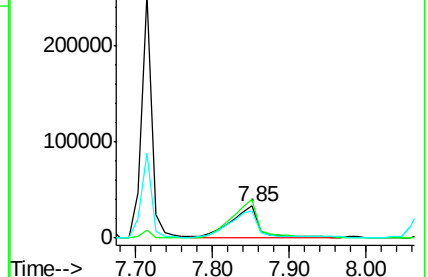
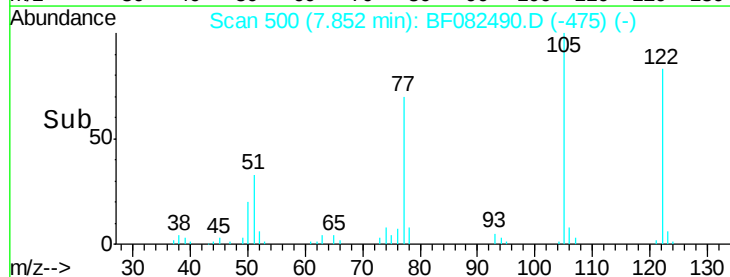
77 87.0 69.0 109.0

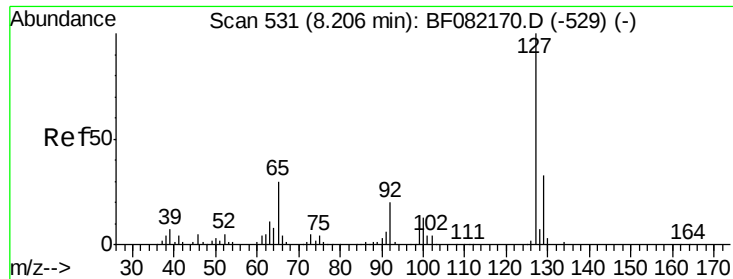


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

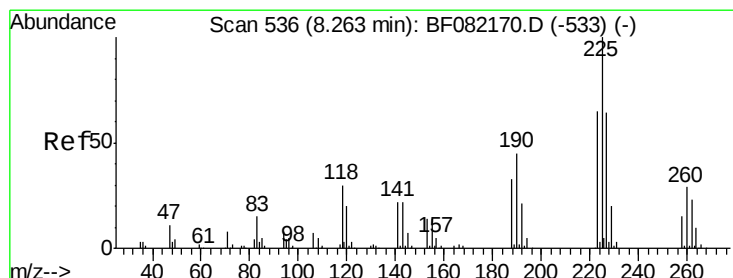
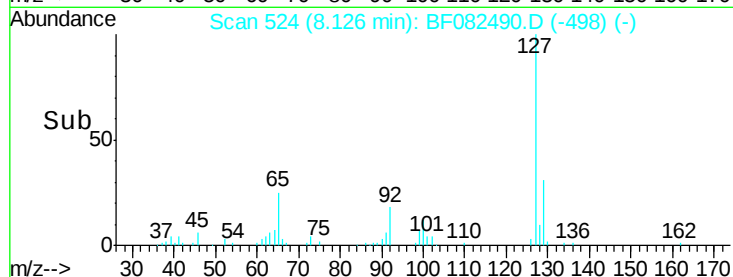
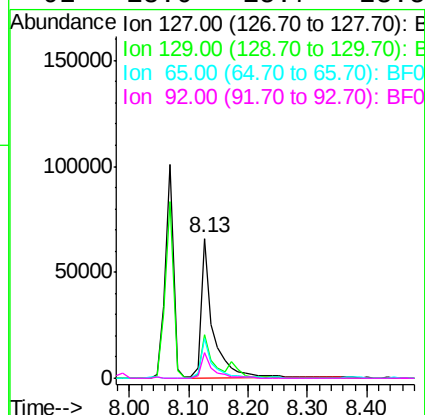
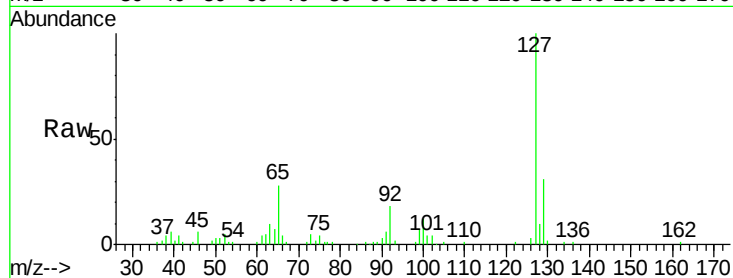




#33
4-Chloroaniline
Concen: 16.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

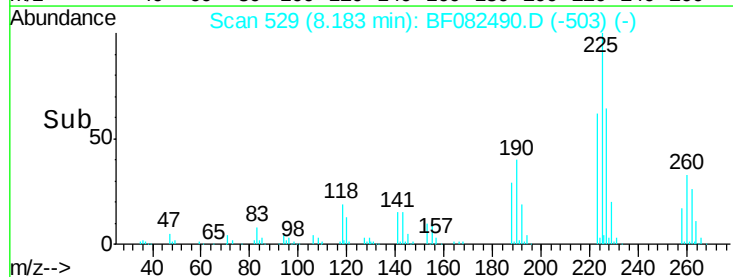
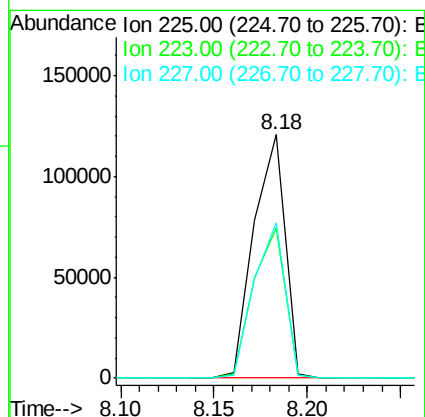
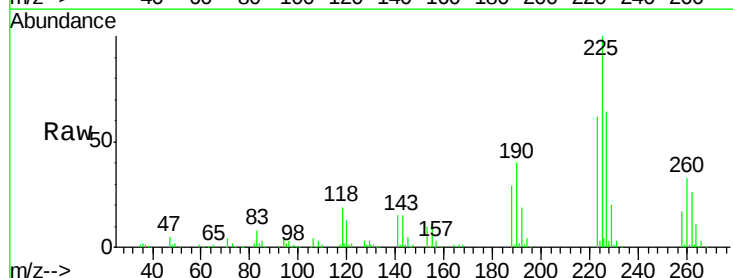
Instrument :
BNA_F
ClientSampleId :
NC-003MSD

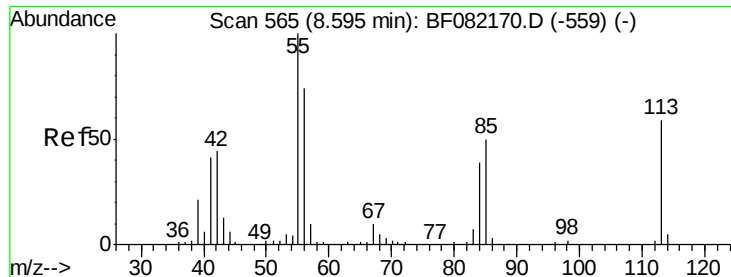
Tot Ion:	127	Resp:	92899
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	28.0	24.4	36.6
92	18.0	15.7	23.5



#34
Hexachlorobutadiene
Concen: 46.63 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:	225	Resp:	139996
Ion	Ratio	Lower	Upper
225	100		
223	61.8	52.2	78.2
227	63.8	51.3	76.9





#35

Caprolactam

Concen: 52.92 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

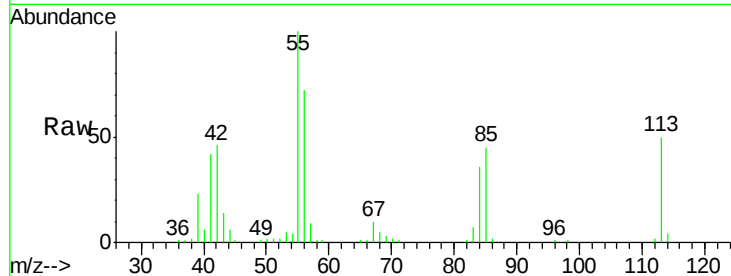
Tot Ion:113 Resp: 64211

Ion Ratio Lower Upper

113 100

55 198.9 149.7 189.7#

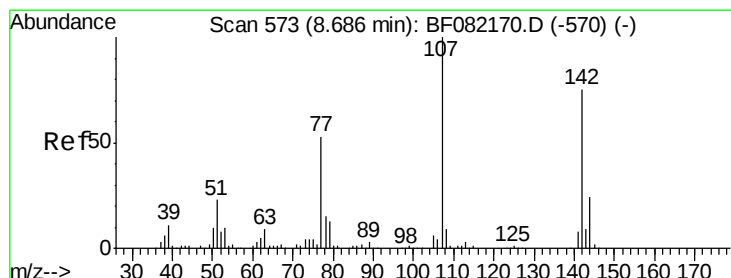
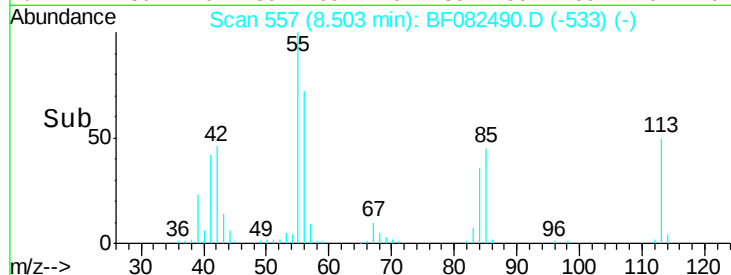
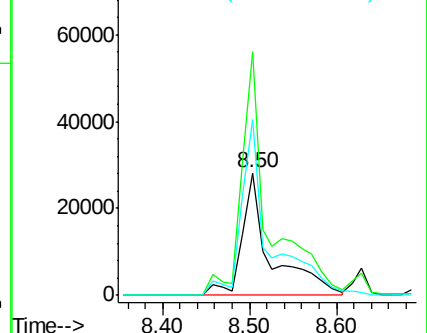
56 143.2 105.4 145.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 56.47 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

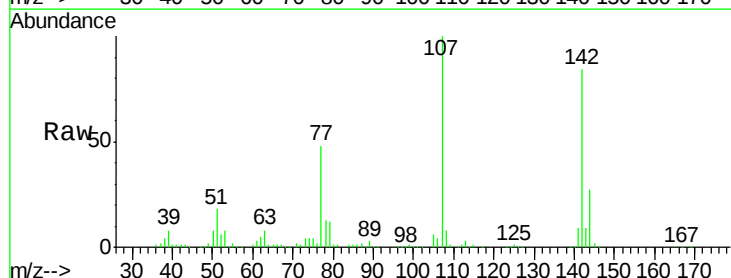
Tgt Ion:107 Resp: 230875

Ion Ratio Lower Upper

107 100

144 27.0 19.3 28.9

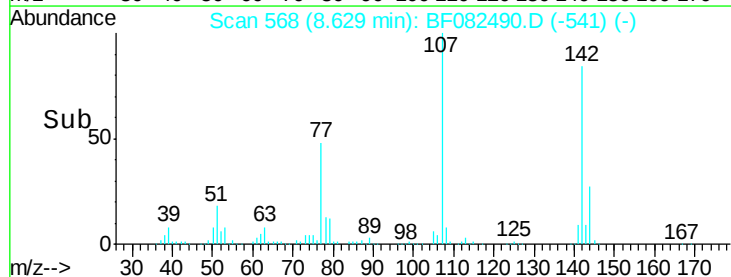
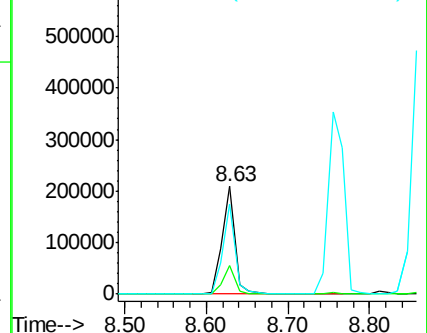
142 83.5 59.9 89.9

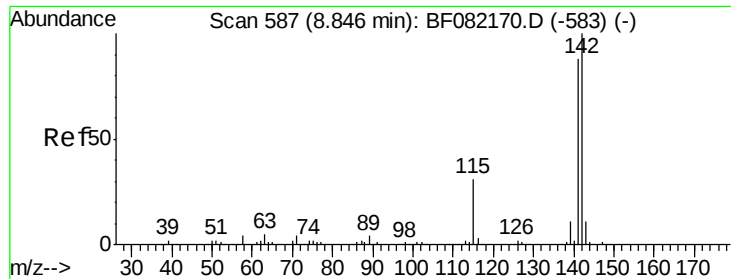


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

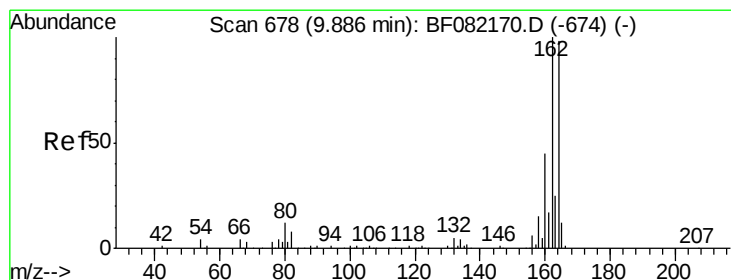
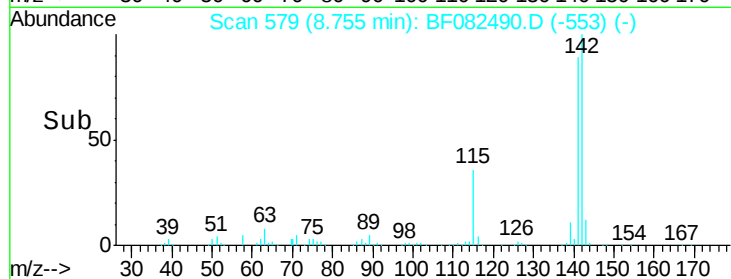
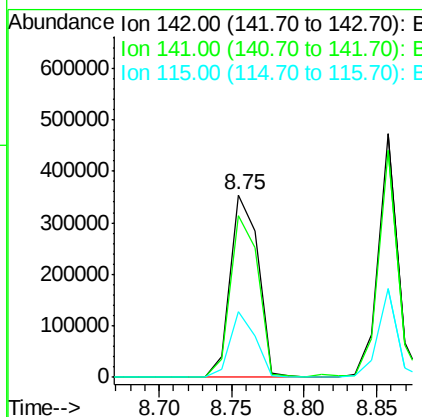
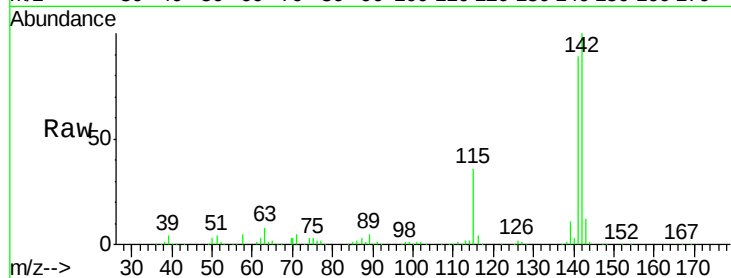




#37
2-Methylnaphthalene
Concen: 48.90 ng
RT: 8.75 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

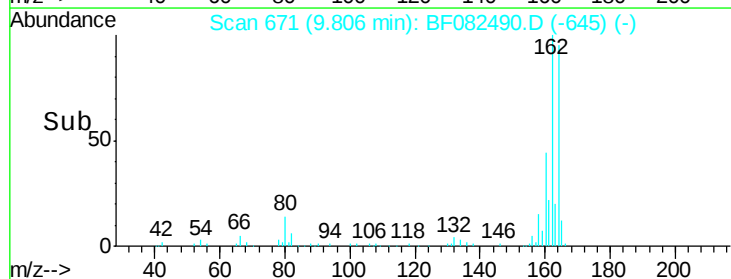
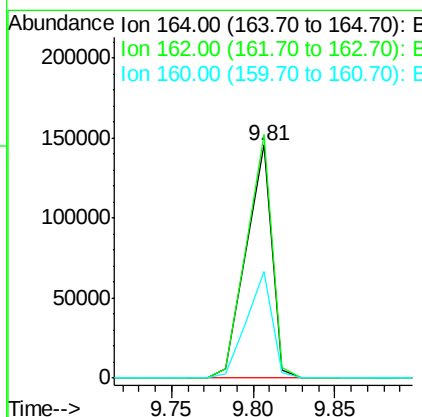
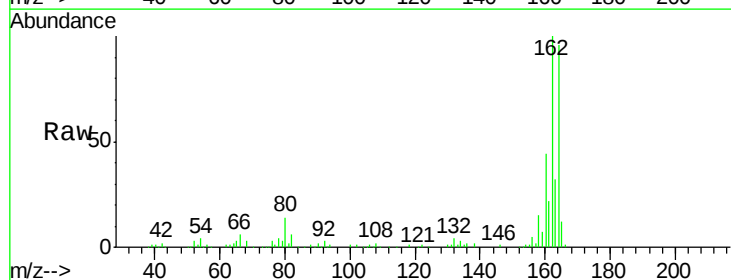
Instrument :
BNA_F
ClientSampleId :
NC-003MSD

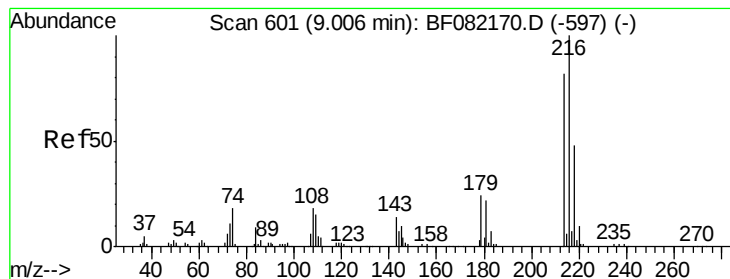
Tot Ion:142 Resp: 473977
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 36.2 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:164 Resp: 159336
Ion Ratio Lower Upper
164 100
162 104.4 81.6 122.4
160 45.7 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.47 ng

RT: 8.93 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

Tot Ion:216 Resp: 248649

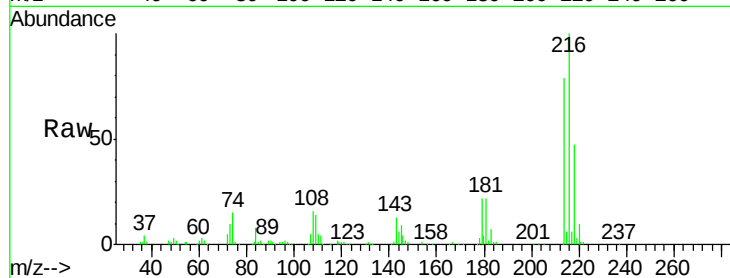
Ion Ratio Lower Upper

216 100

214 78.9 64.6 97.0

179 21.6 17.6 26.4

108 17.6 14.5 21.7

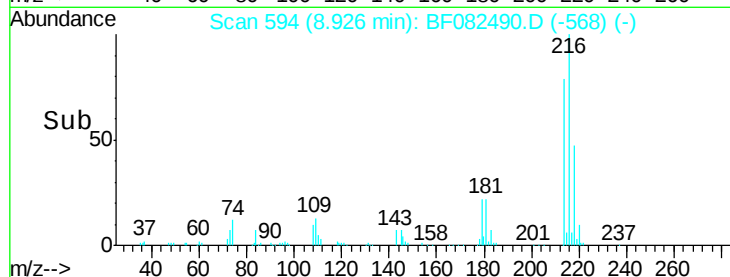


Abundance Ion 216.00 (215.70 to 216.70): E

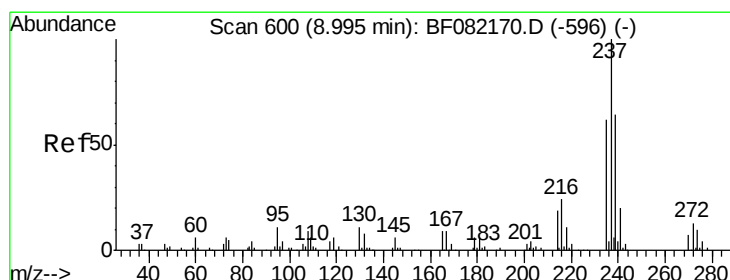
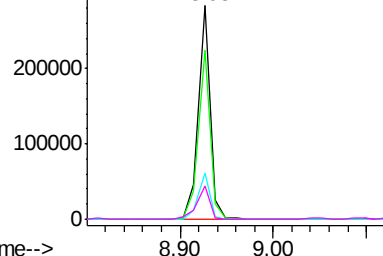
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 40.16 ng

RT: 8.90 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

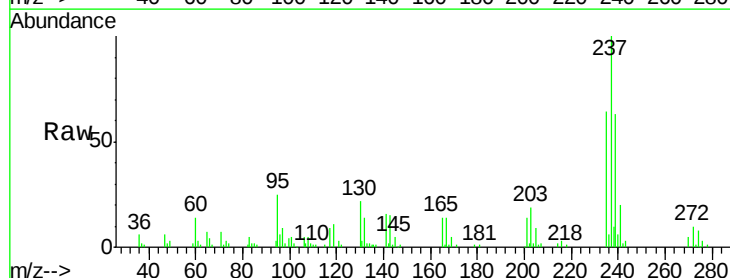
Tgt Ion:237 Resp: 85244

Ion Ratio Lower Upper

237 100

235 64.4 41.7 81.7

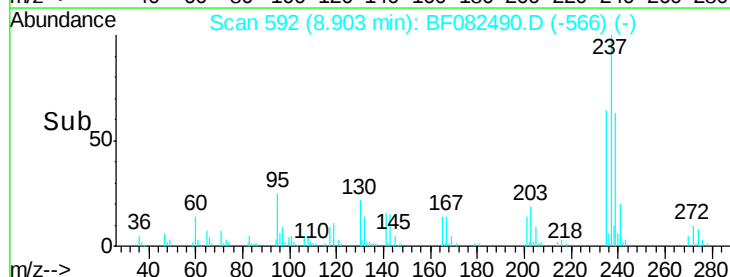
272 10.4 0.0 32.8



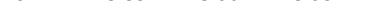
Abundance Ion 236.80 (236.50 to 237.50): E

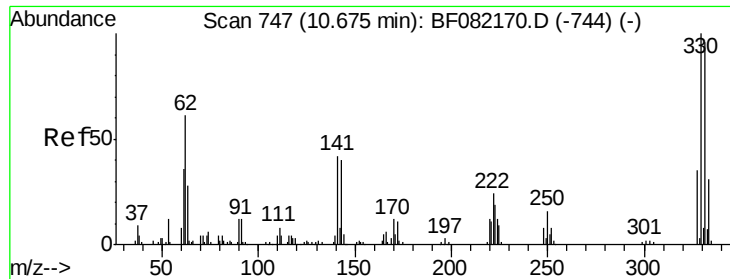
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

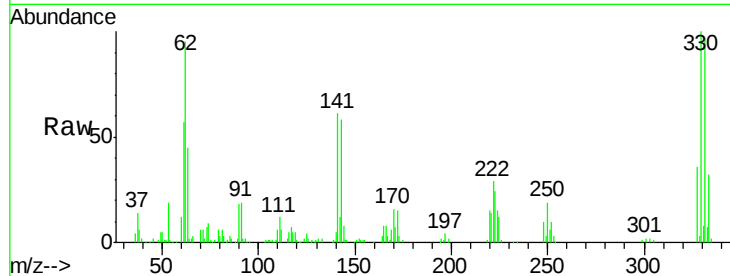




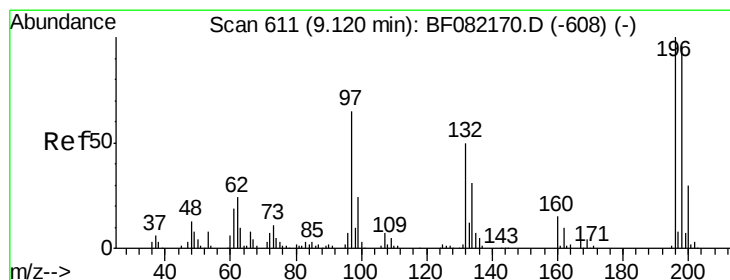
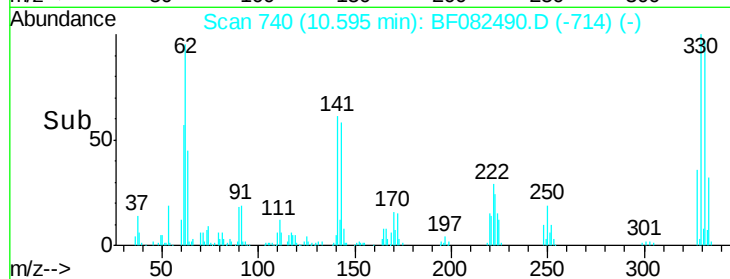
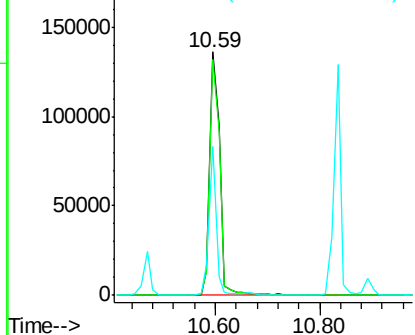
#41
 2,4,6-Tribromophenol
 Concen: 121.34 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tot Ion:330 Resp: 181321
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 44.0 29.8 44.8

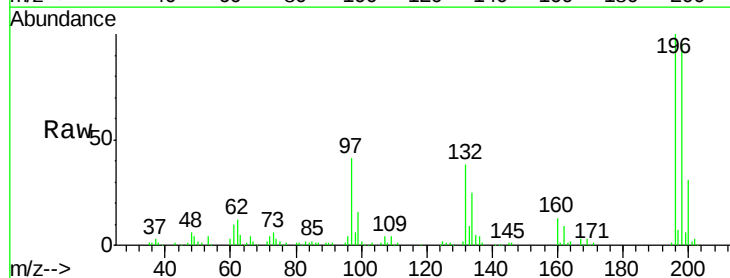


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

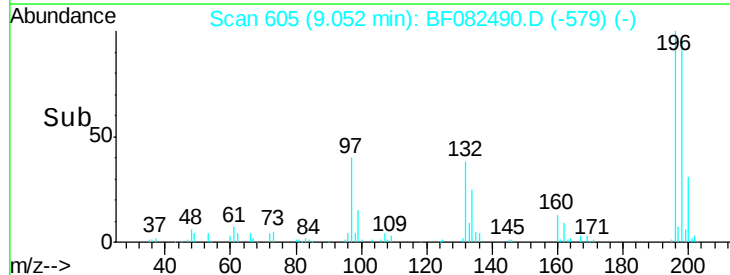
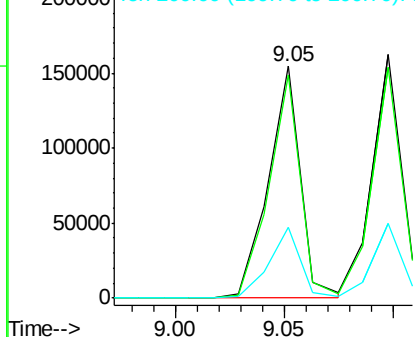


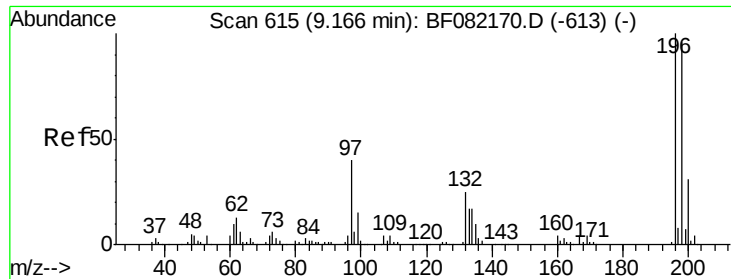
#42
 2,4,6-Trichlorophenol
 Concen: 50.46 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion:196 Resp: 158850
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 200 30.5 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

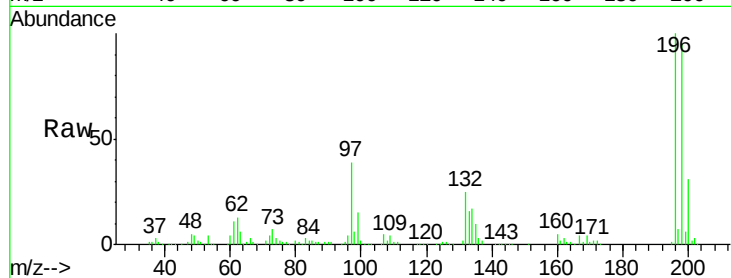




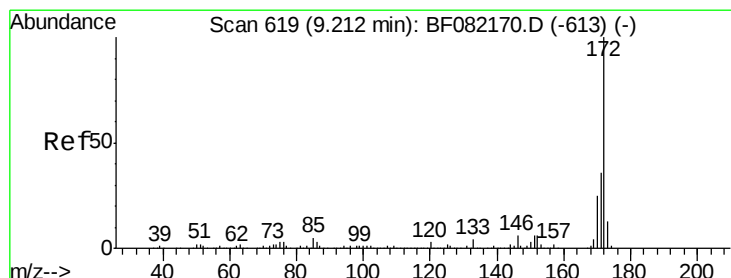
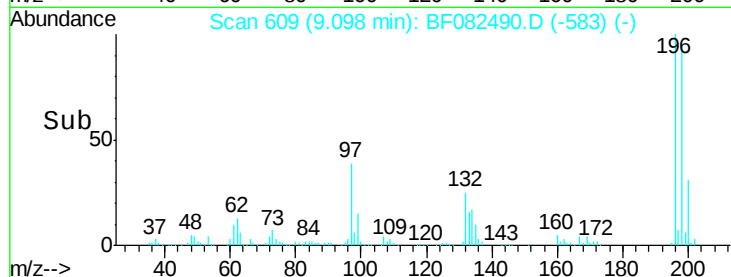
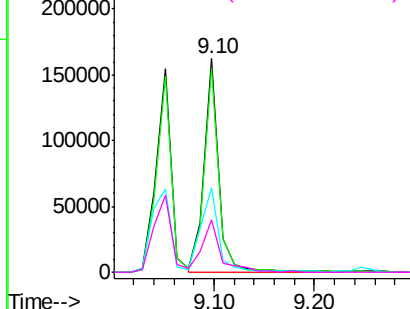
#43
 2,4,5-Trichlorophenol
 Concen: 47.97 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tot Ion:196 Resp: 163563
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.0 115.4
 97 39.5 31.9 47.9
 132 24.8 20.3 30.5

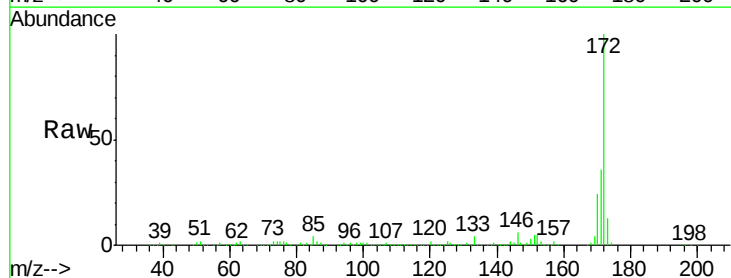


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

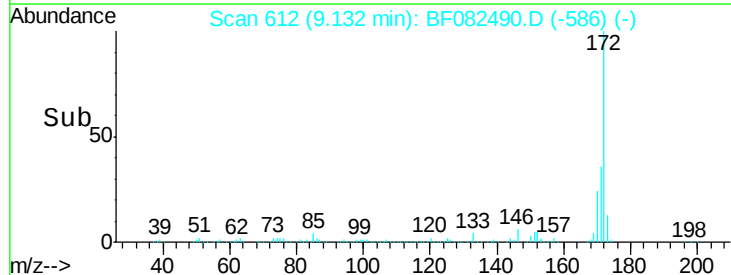
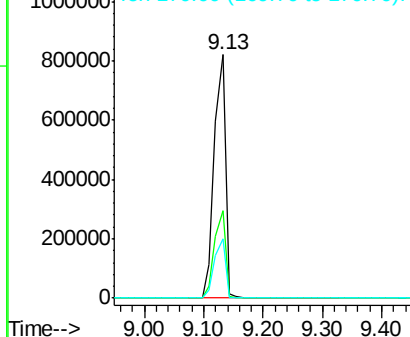


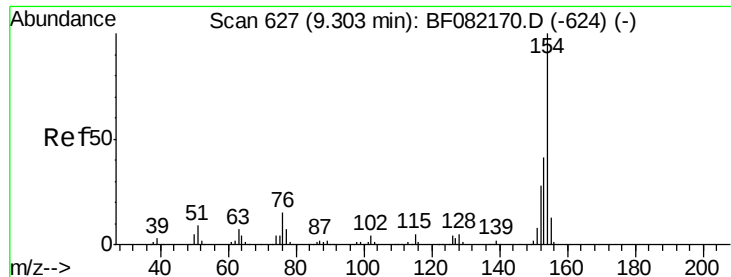
#44
 2-Fluorobiphenyl
 Concen: 111.65 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion:172 Resp: 1072725
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 24.3 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.24 ng

RT: 9.22 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

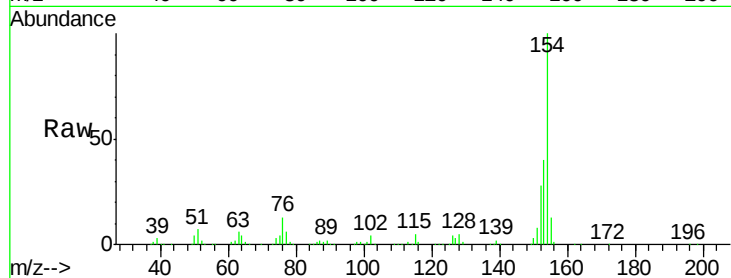
Tot Ion:154 Resp: 573991

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

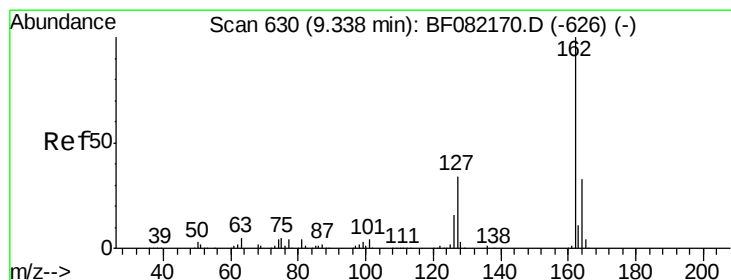
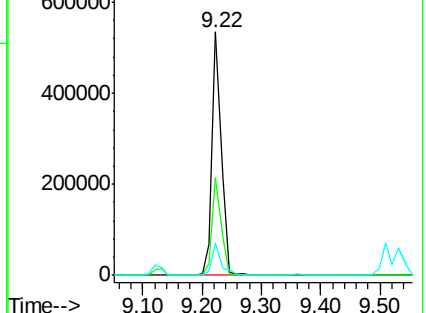
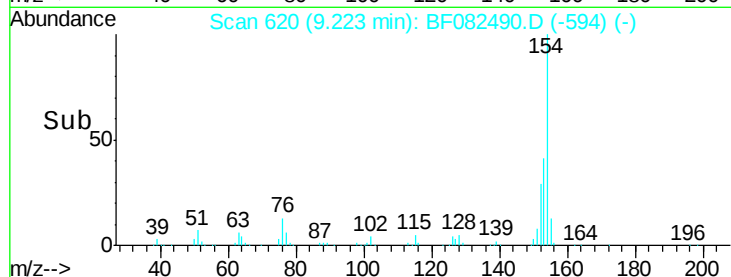
76 13.4 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.58 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

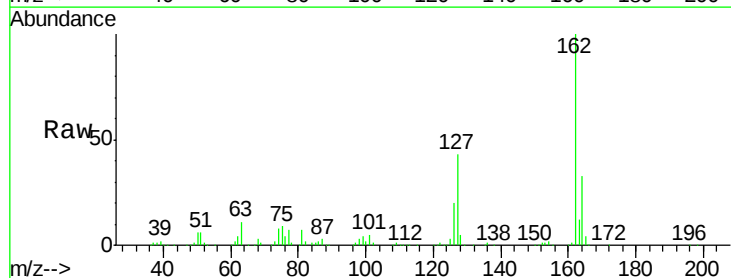
Tgt Ion:162 Resp: 455088

Ion Ratio Lower Upper

162 100

127 43.5 27.5 41.3#

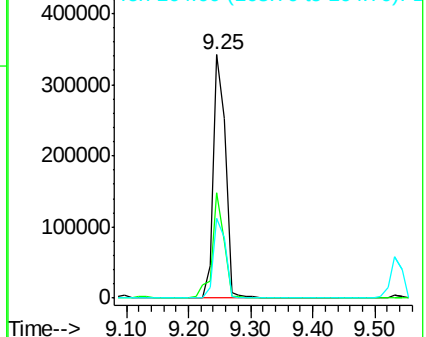
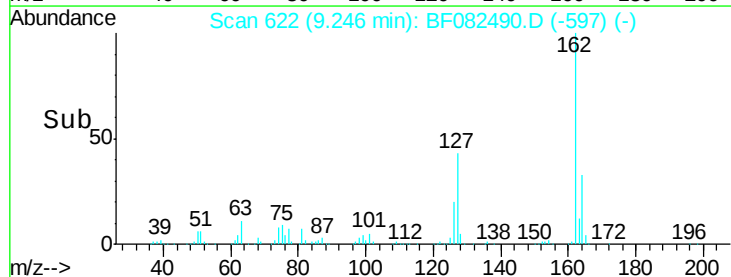
164 33.0 26.6 39.8

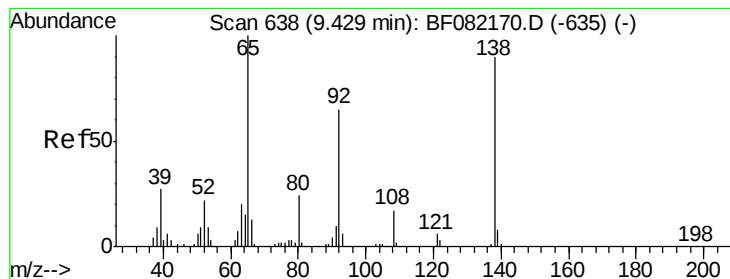


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.70 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

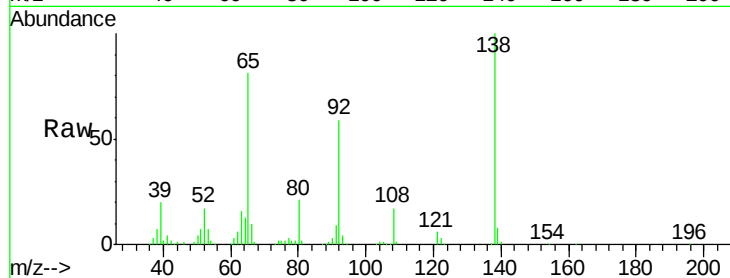
Tot Ion: 65 Resp: 143625

Ion Ratio Lower Upper

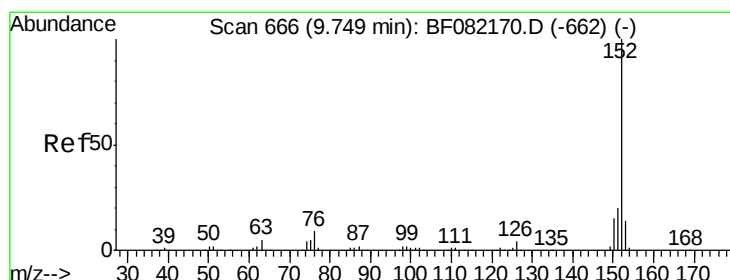
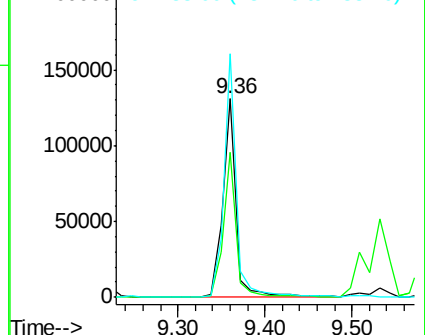
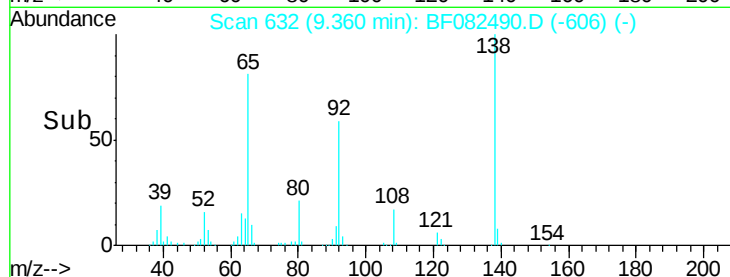
65 100

92 73.0 52.3 78.5

138 122.7 72.2 108.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 50.55 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

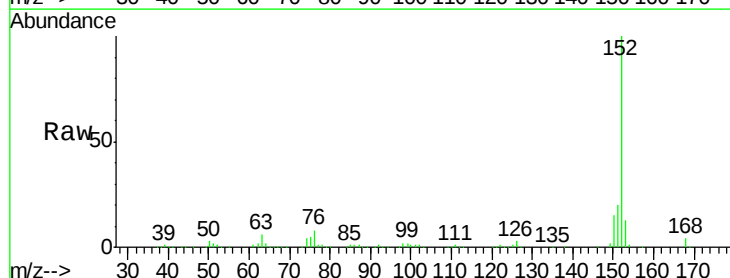
Tgt Ion: 152 Resp: 753174

Ion Ratio Lower Upper

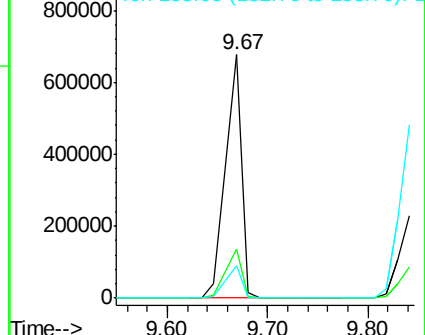
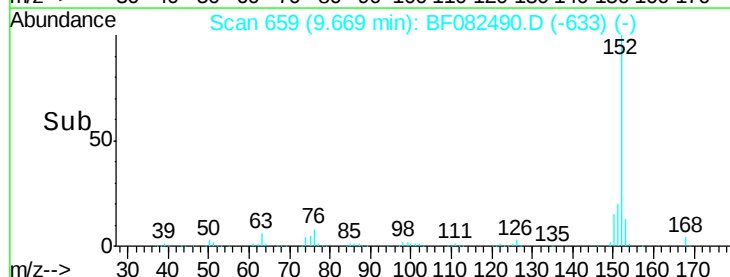
152 100

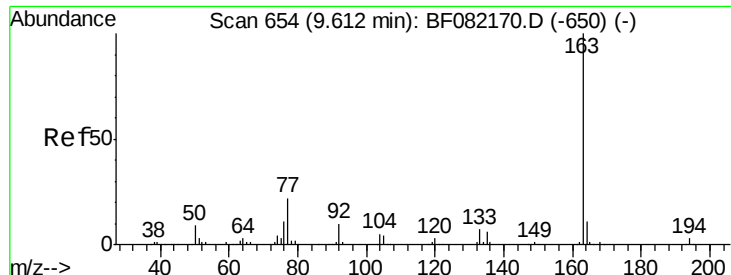
151 20.1 16.4 24.6

153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

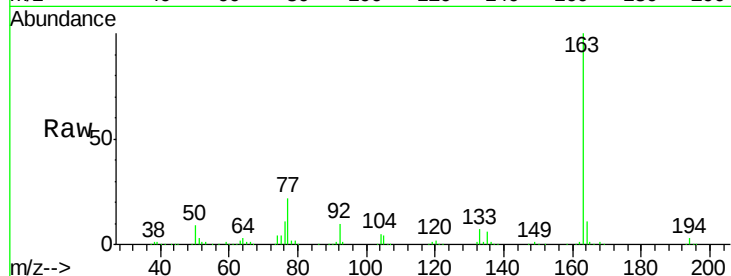




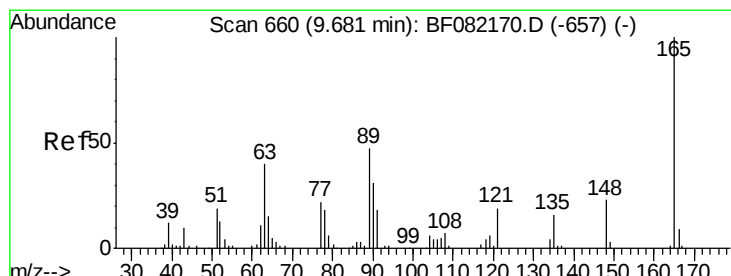
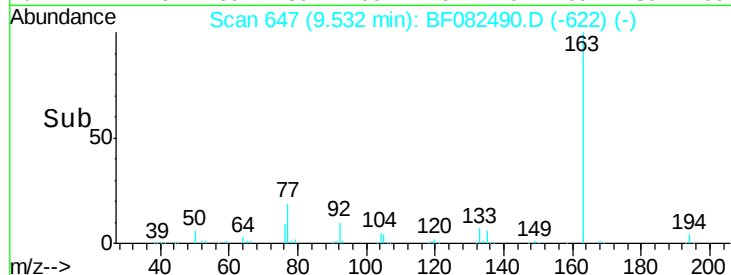
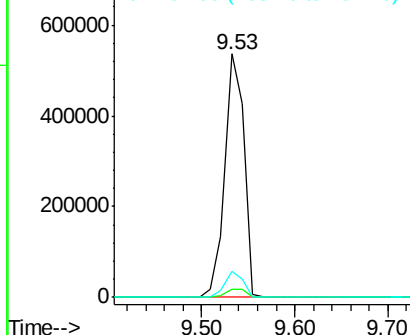
#49
Dimethylphthalate
Concen: 69.02 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tot Ion:163 Resp: 774450
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 8.5 12.7

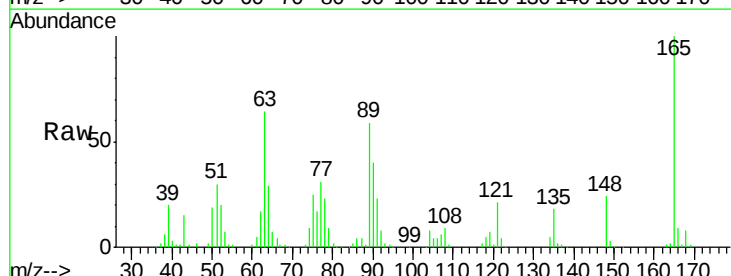


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

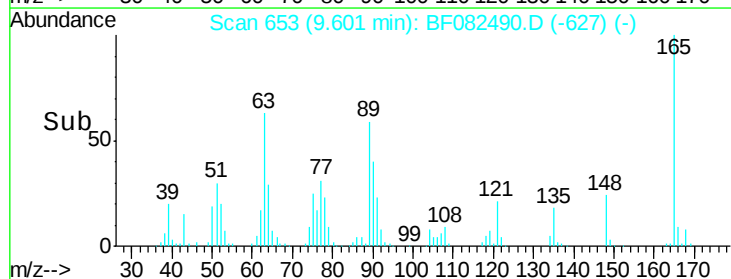
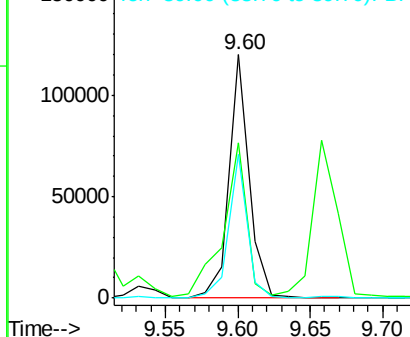


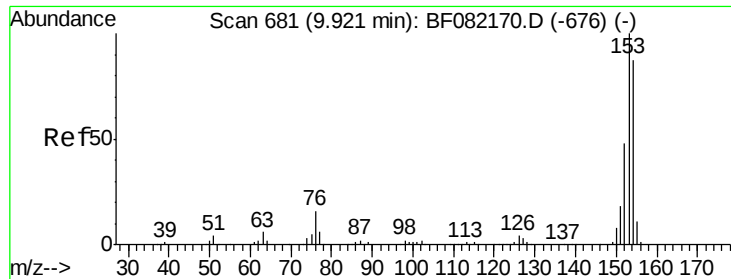
#50
2,6-Dinitrotoluene
Concen: 48.77 ng
RT: 9.60 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:165 Resp: 115458
Ion Ratio Lower Upper
165 100
63 63.6 36.7 55.1#
89 59.0 37.8 56.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

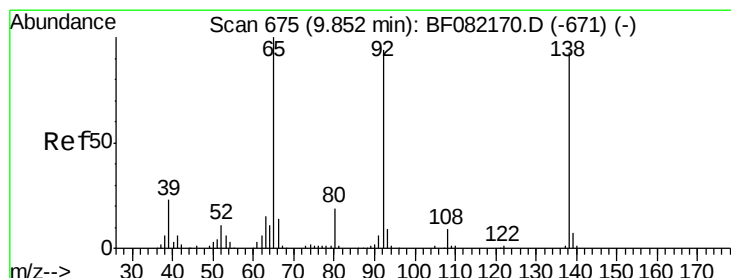
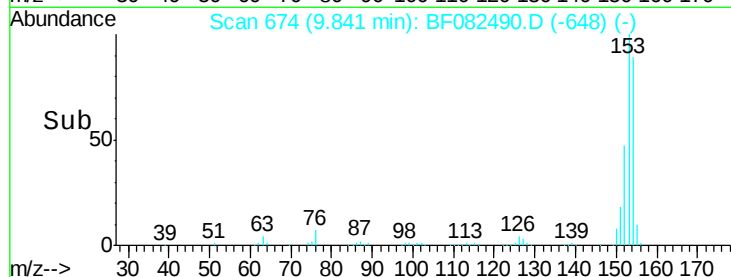
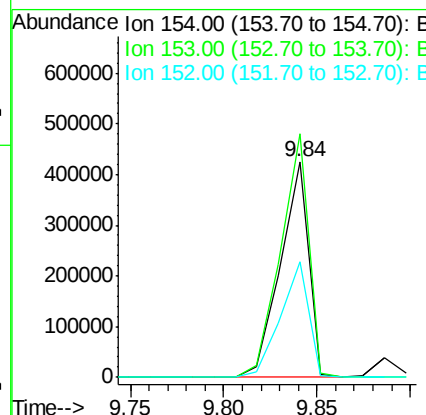
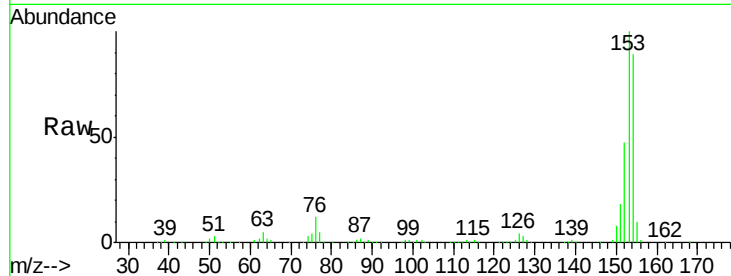




#51
Acenaphthene
Concen: 50.28 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

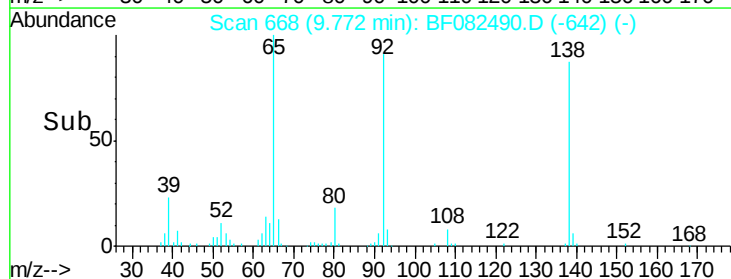
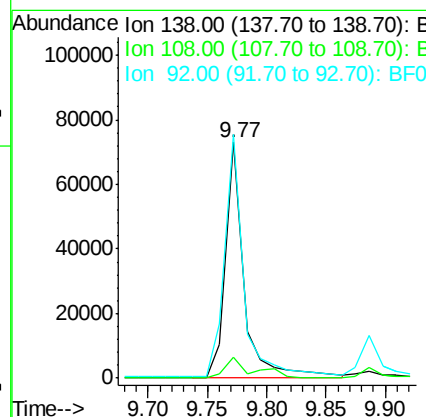
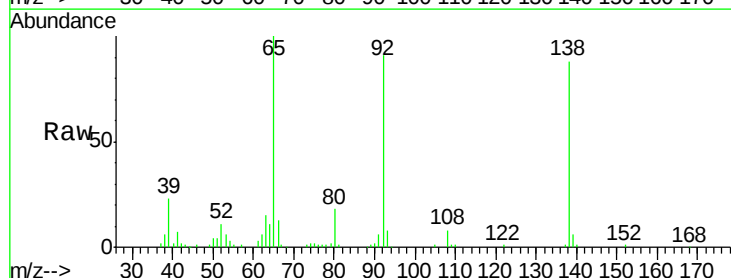
Instrument :
BNA_F
ClientSampleId :
NC-003MSD

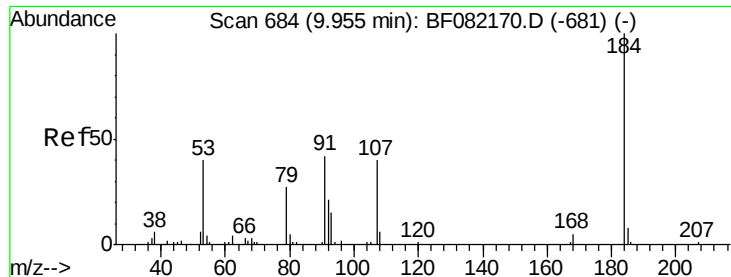
Tot Ion:154 Resp: 449728
Ion Ratio Lower Upper
154 100
153 112.9 91.4 137.2
152 53.6 44.3 66.5



#52
3-Nitroaniline
Concen: 29.64 ng
RT: 9.77 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:138 Resp: 79252
Ion Ratio Lower Upper
138 100
108 9.0 7.4 11.0
92 103.5 81.3 121.9

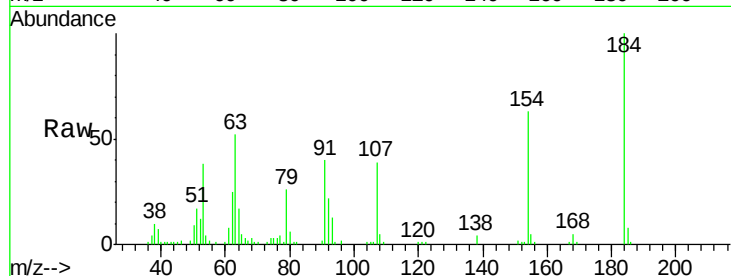




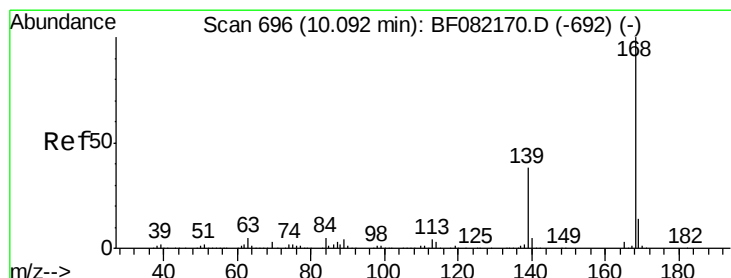
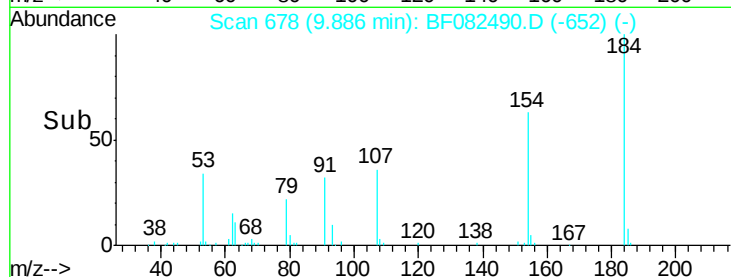
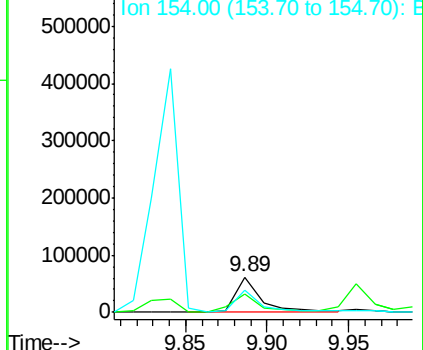
#53
2,4-Dinitrophenol
Concen: 52.71 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tot Ion:184 Resp: 66596
Ion Ratio Lower Upper
184 100
63 52.2 45.1 67.7
154 62.8 51.2 76.8

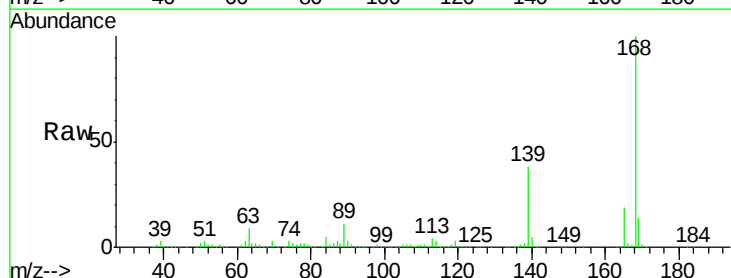


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

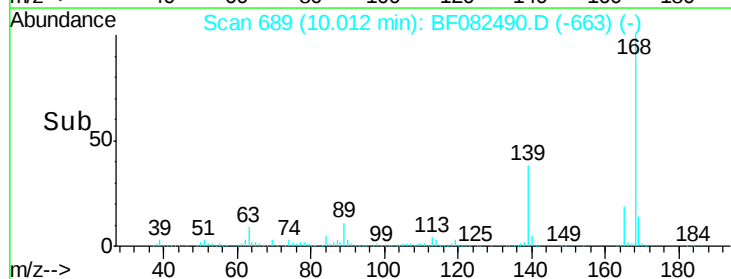
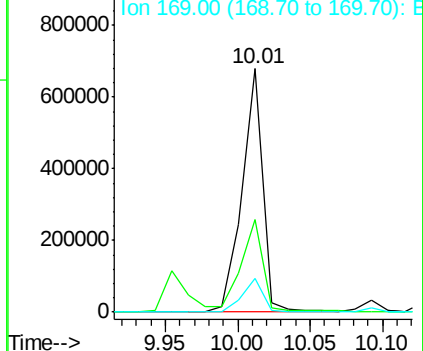


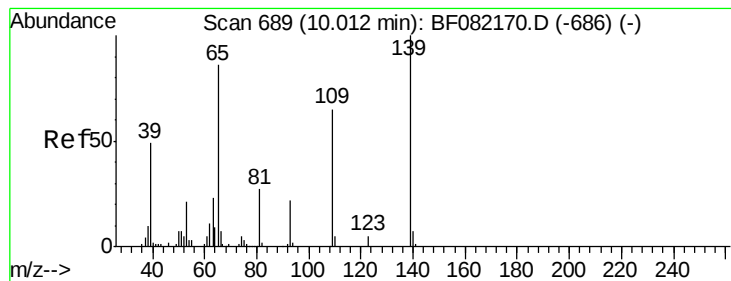
#54
Dibenzofuran
Concen: 54.97 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:168 Resp: 675013
Ion Ratio Lower Upper
168 100
139 38.1 31.0 46.6
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 71.06 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleID :

NC-003MSD

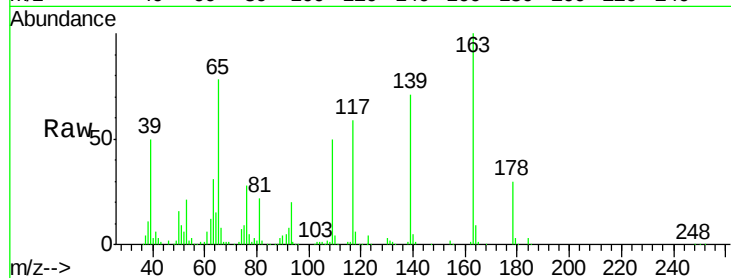
Tot Ion:139 Resp: 125395

Ion Ratio Lower Upper

139 100

109 71.4 44.8 84.8

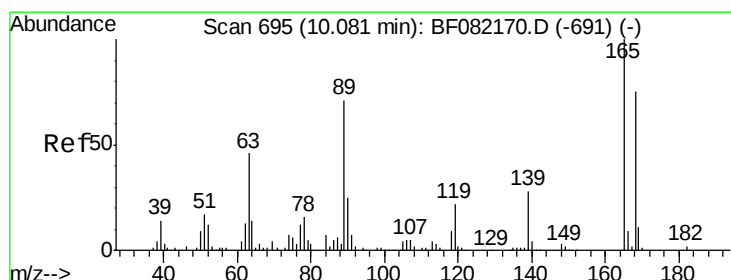
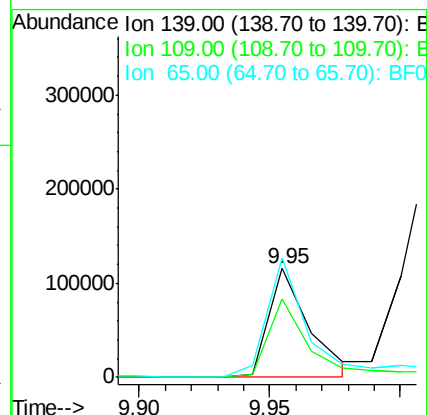
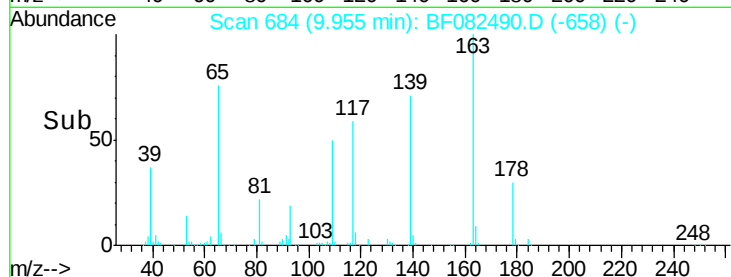
65 109.9 67.7 107.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 53.65 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:165 Resp: 158760

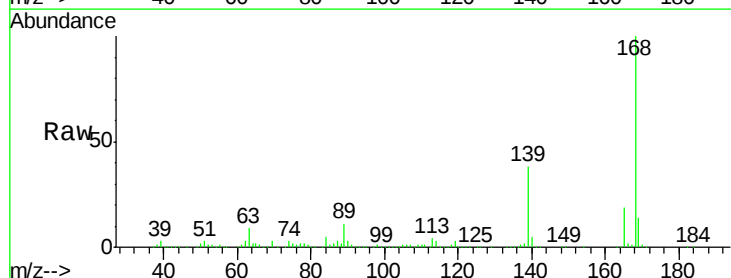
Ion Ratio Lower Upper

165 100

63 47.1 38.6 58.0

89 59.3 57.0 85.6

182 2.3 1.8 2.6

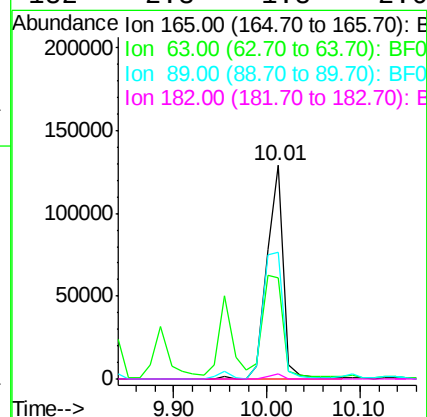
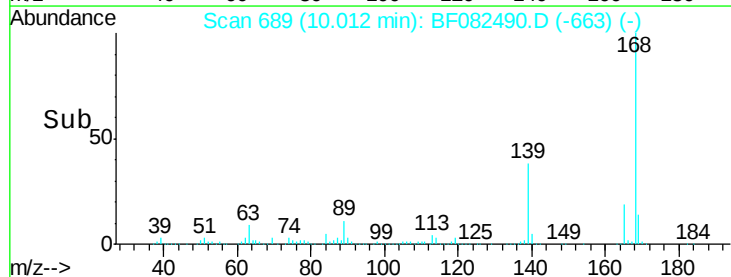


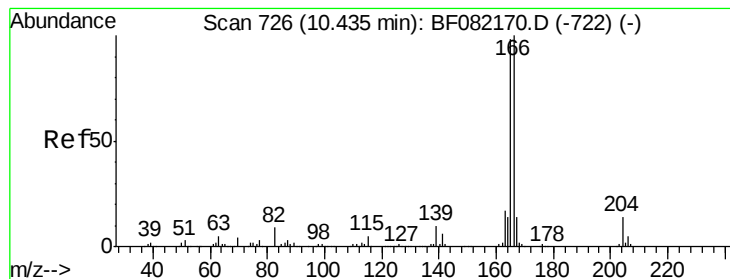
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 53.50 ng

RT: 10.35 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

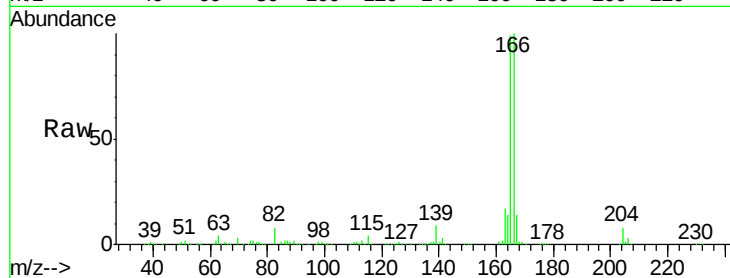
Tot Ion:166 Resp: 539629

Ion Ratio Lower Upper

166 100

165 99.5 78.3 117.5

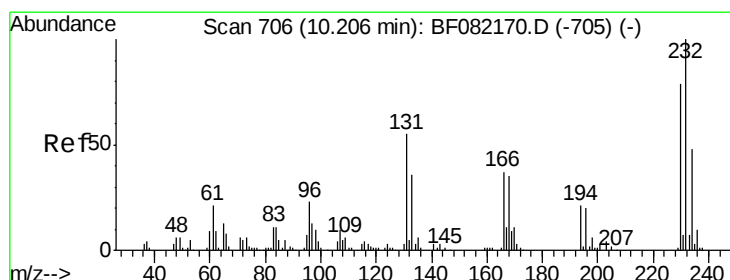
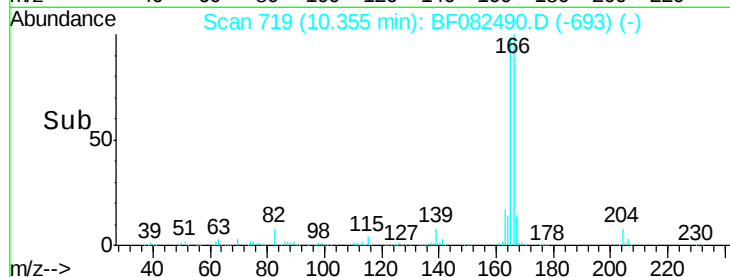
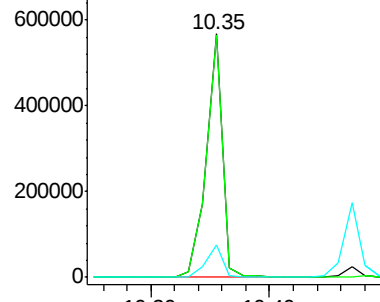
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.16 ng

RT: 10.14 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:232 Resp: 134186

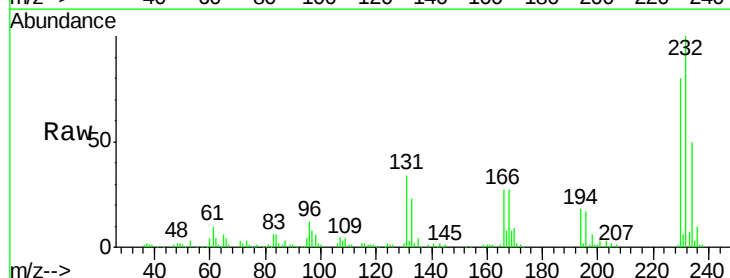
Ion Ratio Lower Upper

232 100

131 42.9 36.6 54.8

130 1.7 1.5 2.3

166 28.5 24.6 37.0

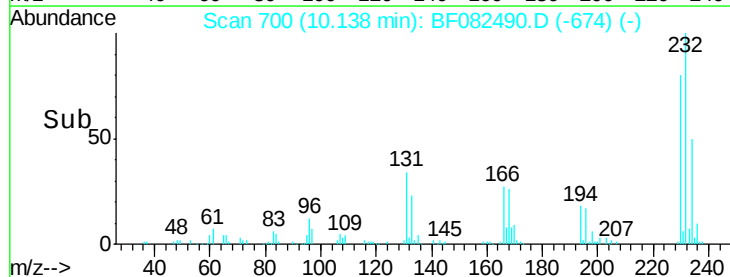
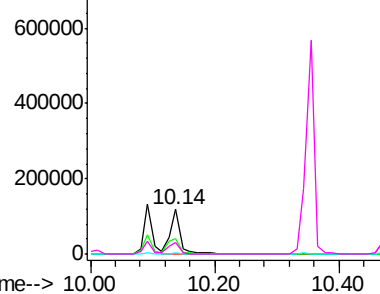


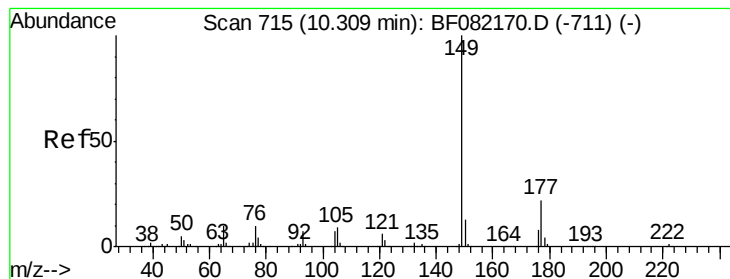
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.27 ng

RT: 10.23 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

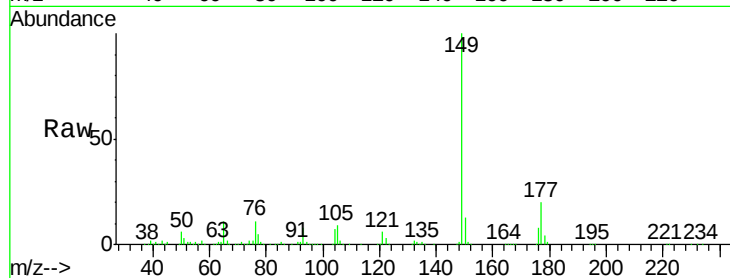
Tot Ion:149 Resp: 525789

Ion Ratio Lower Upper

149 100

177 20.5 17.6 26.4

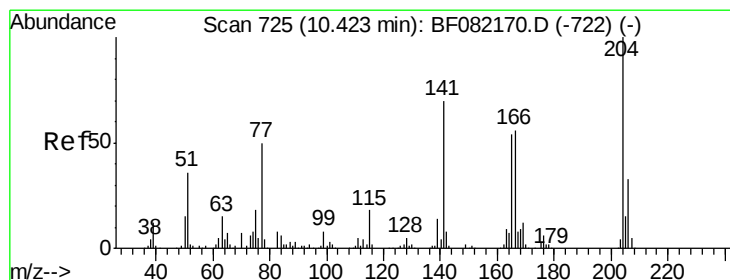
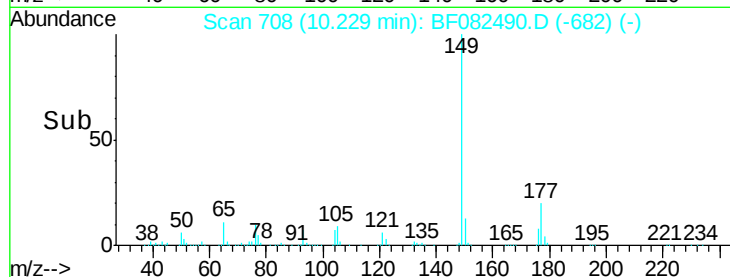
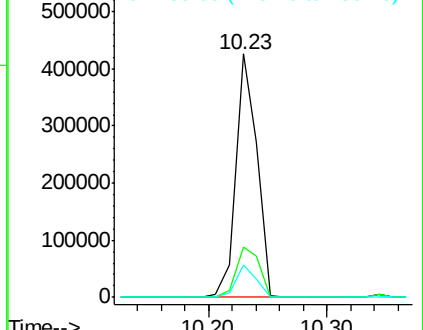
150 13.2 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.26 ng

RT: 10.34 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

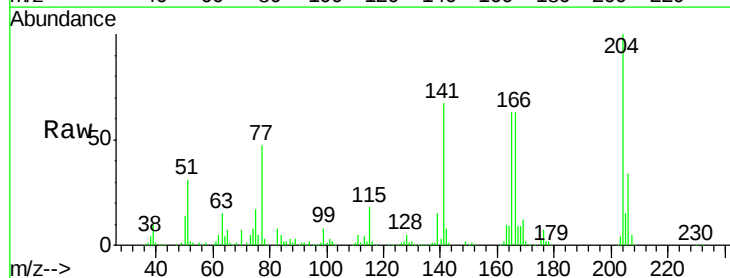
Tgt Ion:204 Resp: 236817

Ion Ratio Lower Upper

204 100

206 34.3 26.8 40.2

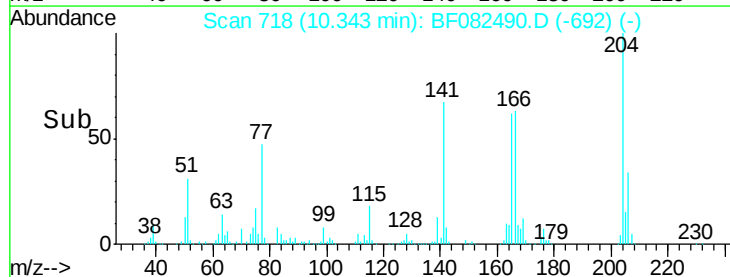
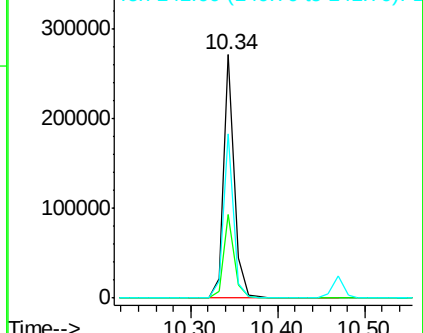
141 67.3 56.1 84.1

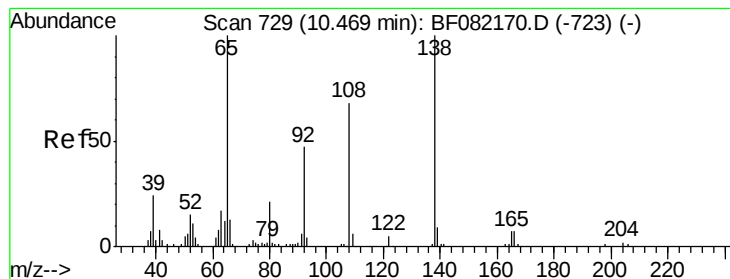


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.72 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

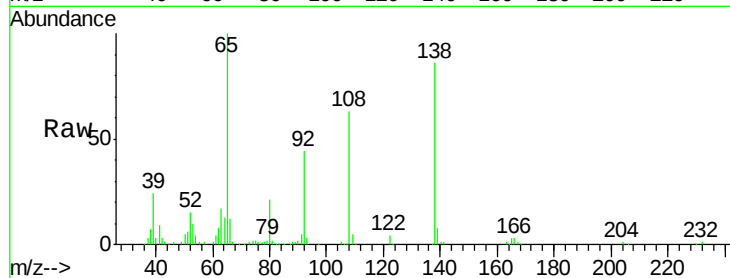
Tot Ion:138 Resp: 110798

Ion Ratio Lower Upper

138 100

92 51.1 26.8 66.8

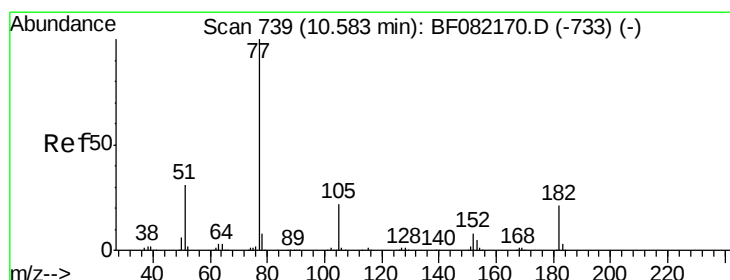
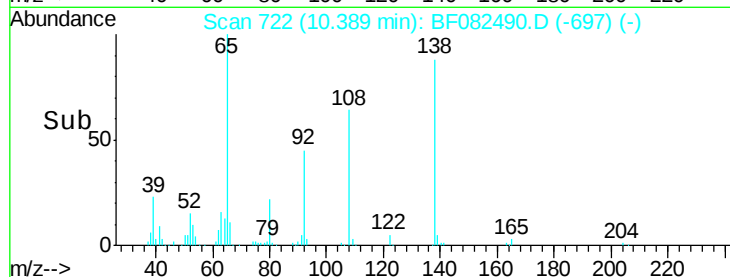
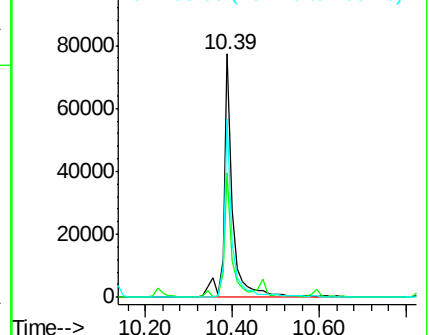
108 73.4 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.60 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion: 77 Resp: 507695

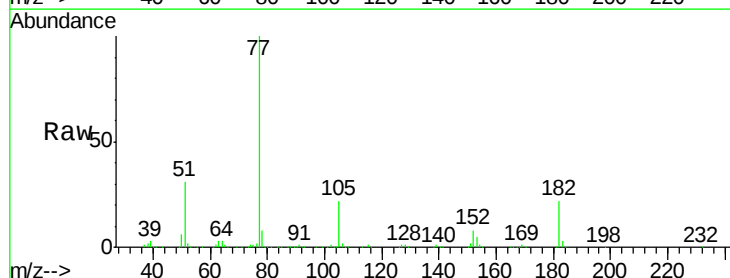
Ion Ratio Lower Upper

77 100

182 21.8 0.5 40.5

105 22.0 1.8 41.8

51 30.7 11.2 51.2

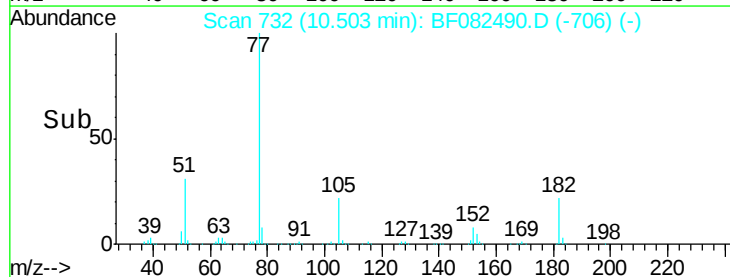
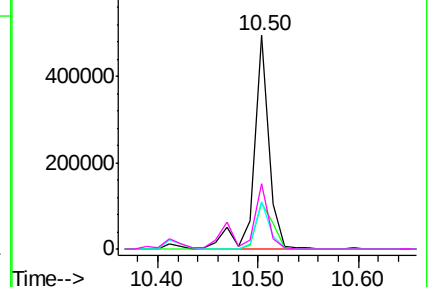


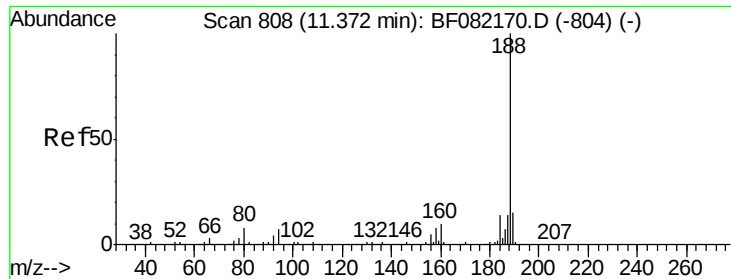
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

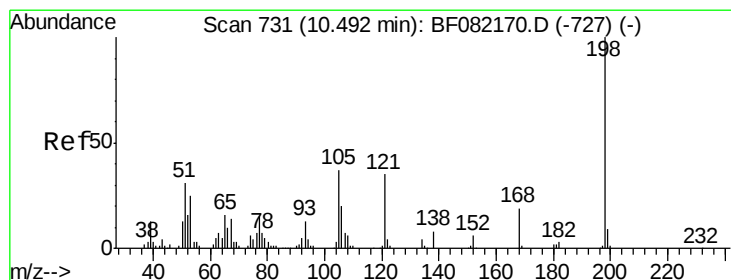
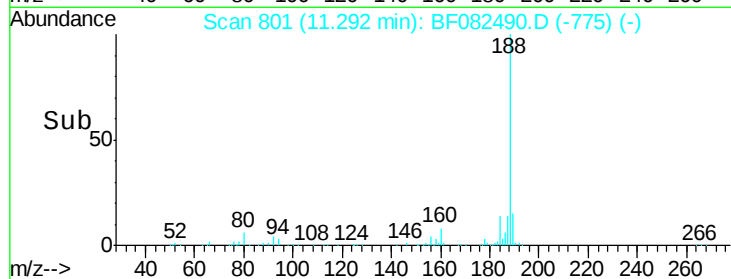
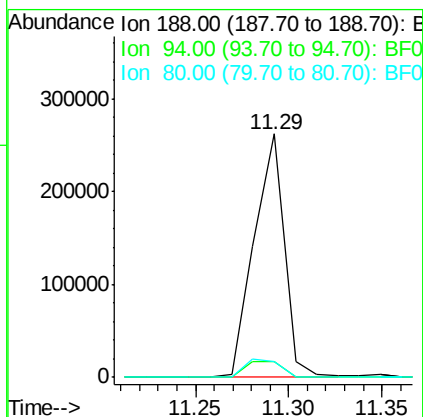
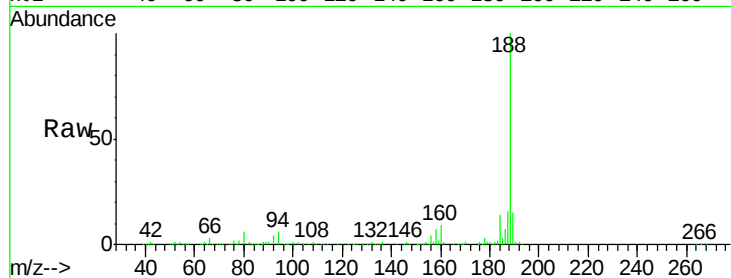




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

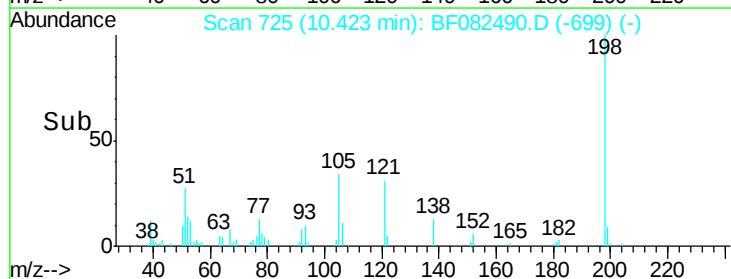
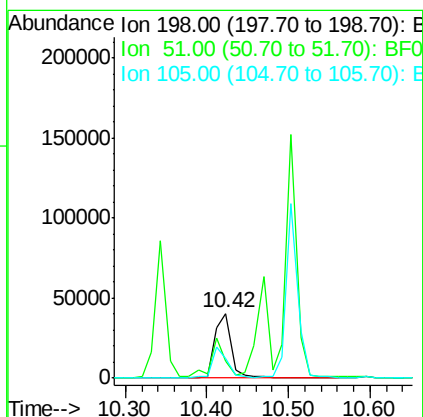
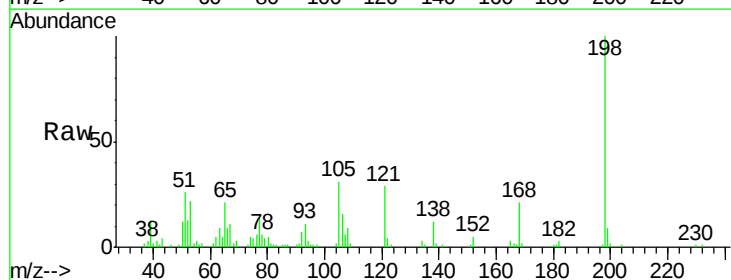
Instrument :
BNA_F
ClientSampleId :
NC-003MSD

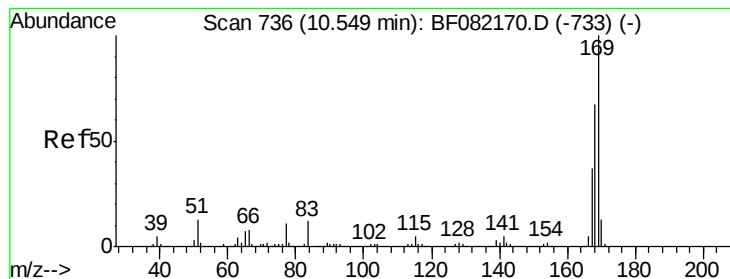
Tot Ion:188 Resp: 293273
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.6
80 6.4 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 35.01 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:198 Resp: 57613
Ion Ratio Lower Upper
198 100
51 26.2 13.6 53.6
105 30.7 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 50.72 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

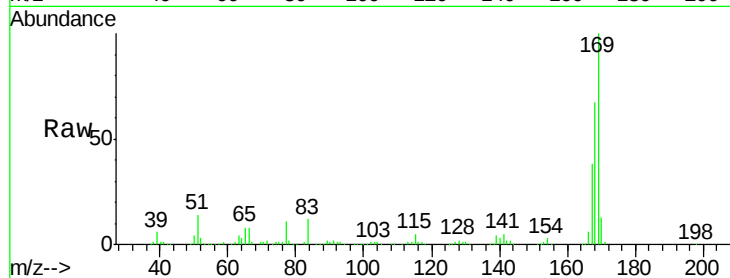
Tot Ion:169 Resp: 445342

Ion Ratio Lower Upper

169 100

168 67.4 54.0 81.0

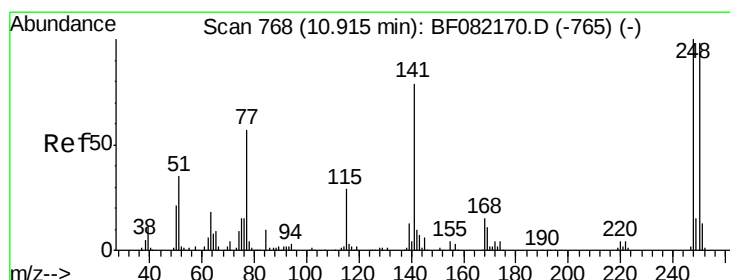
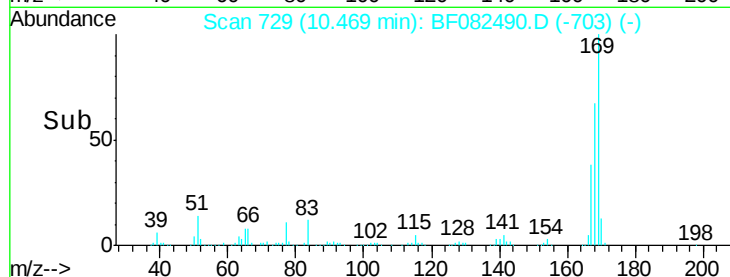
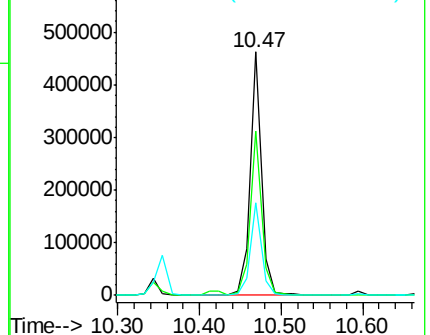
167 37.8 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.22 ng

RT: 10.83 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

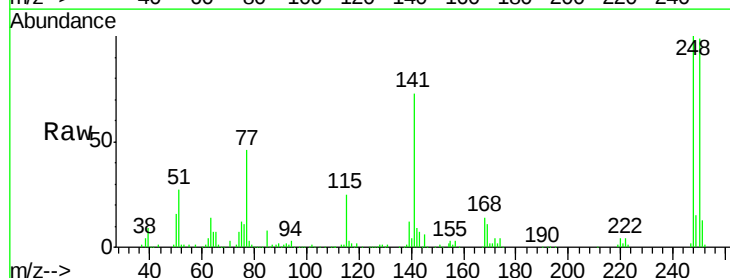
Tgt Ion:248 Resp: 150334

Ion Ratio Lower Upper

248 100

250 98.8 78.6 117.8

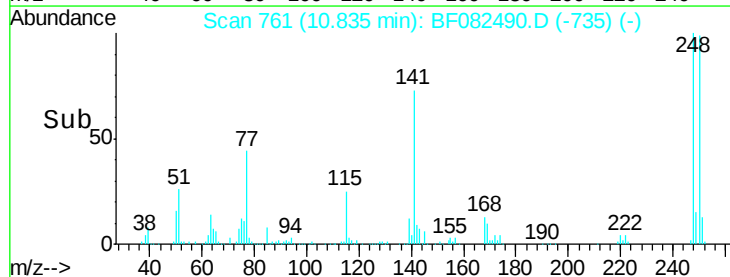
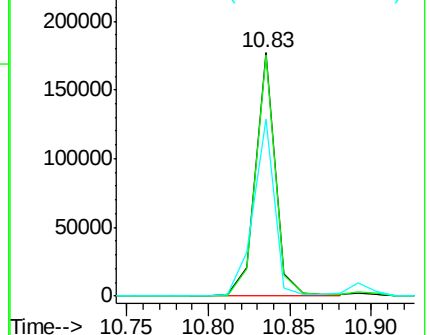
141 72.8 63.3 94.9

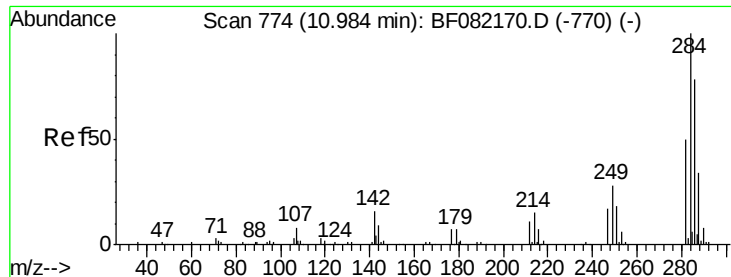


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.84 ng

RT: 10.89 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

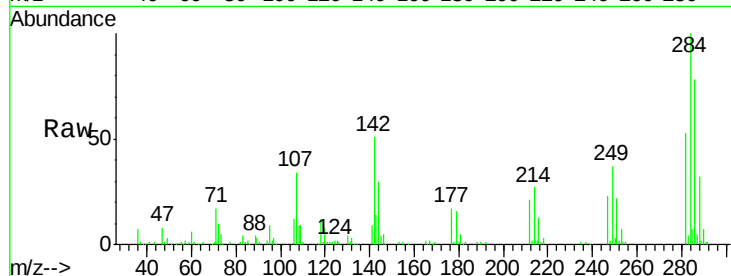
Tot Ion:284 Resp: 148669

Ion Ratio Lower Upper

284 100

142 51.0 13.0 19.6#

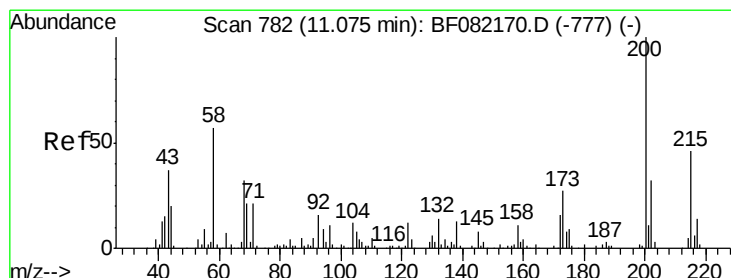
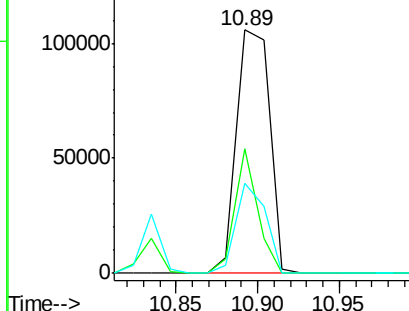
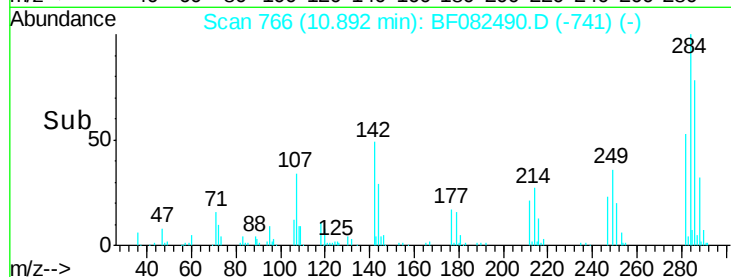
249 37.1 22.5 33.7#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 59.35 ng

RT: 11.01 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

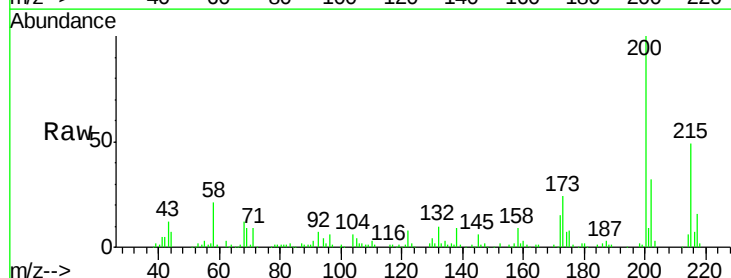
Tgt Ion:200 Resp: 165099

Ion Ratio Lower Upper

200 100

173 24.3 7.3 47.3

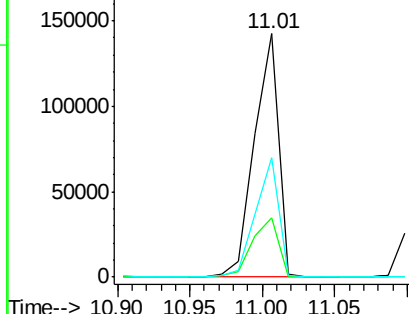
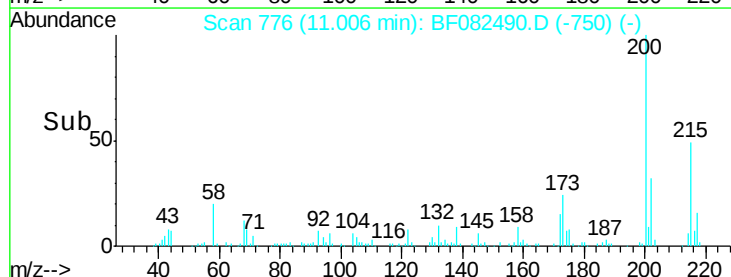
215 49.1 26.2 66.2

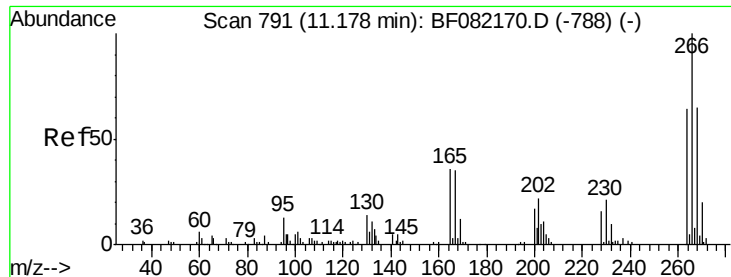


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

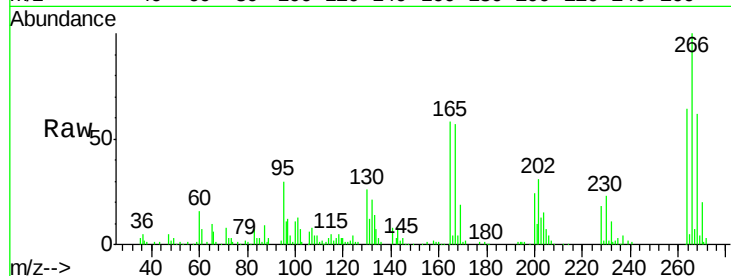




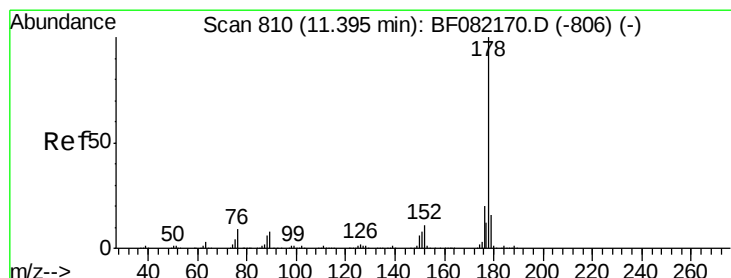
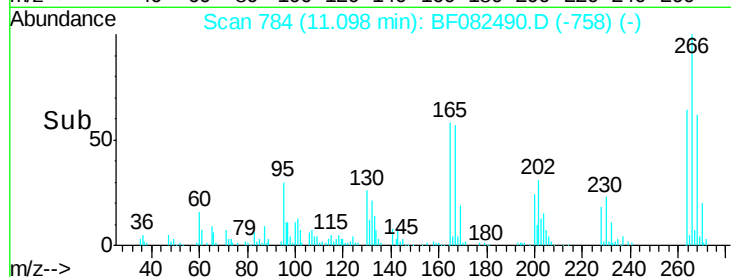
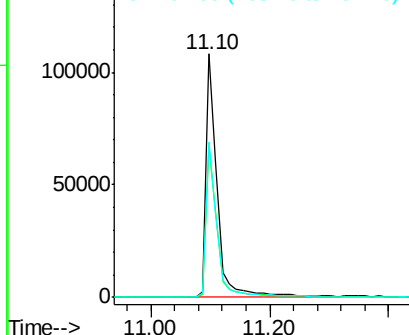
#69
 Pentachlorophenol
 Concen: 88.47 ng
 RT: 11.10 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tot Ion:266 Resp: 144507
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.0 78.0
 264 63.8 51.4 77.0

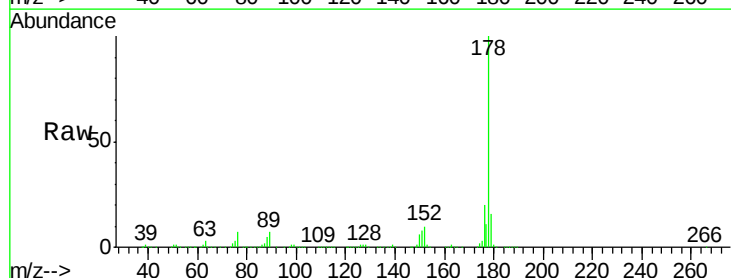


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

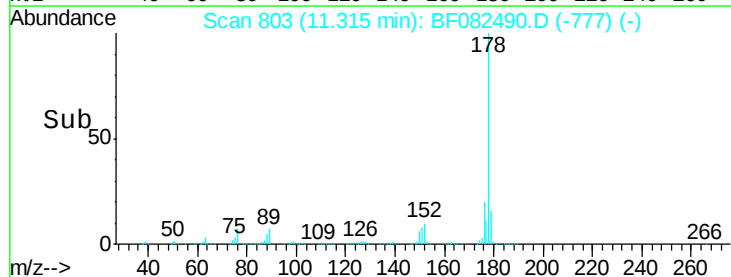
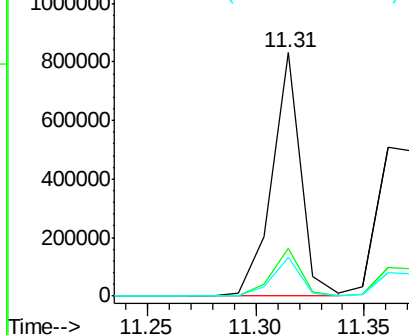


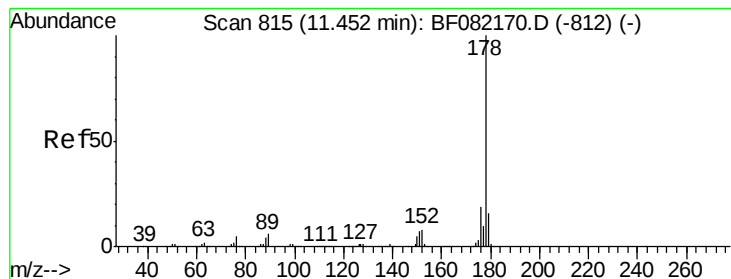
#70
 Phenanthrene
 Concen: 53.48 ng
 RT: 11.31 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion:178 Resp: 768798
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 50.77 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

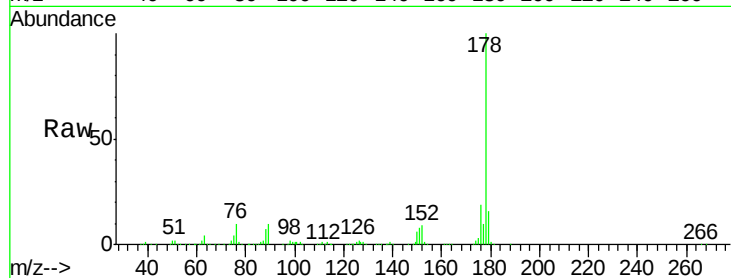
Tot Ion:178 Resp: 752076

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

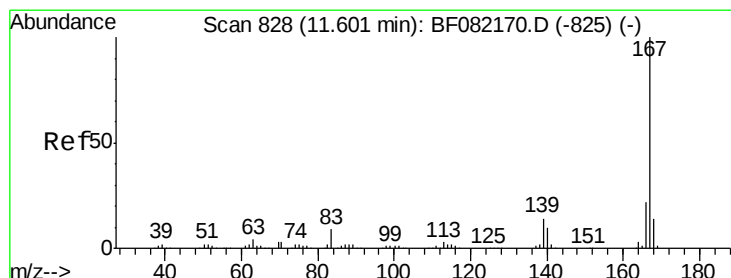
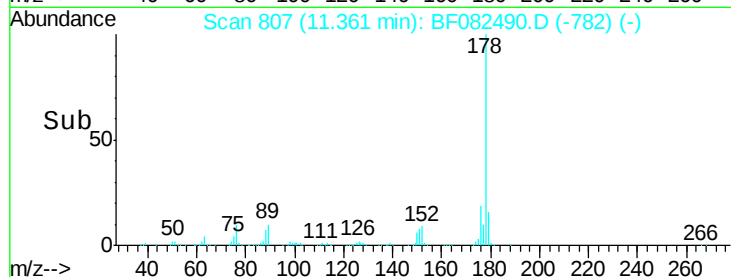
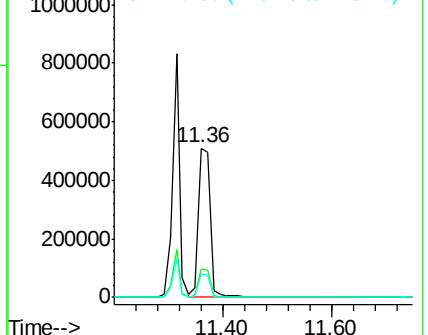
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 51.18 ng

RT: 11.53 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

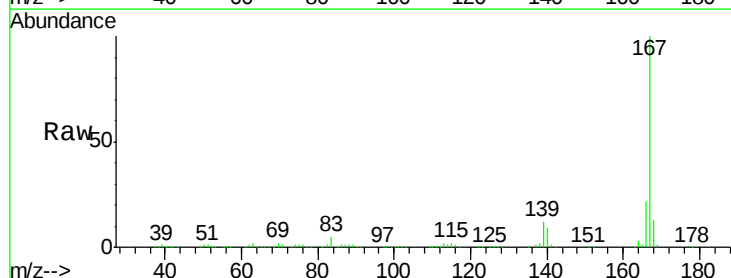
Tgt Ion:167 Resp: 691565

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

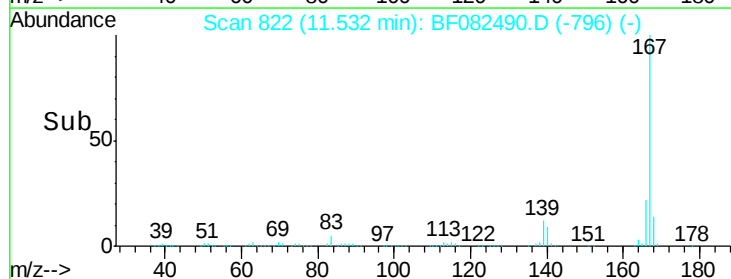
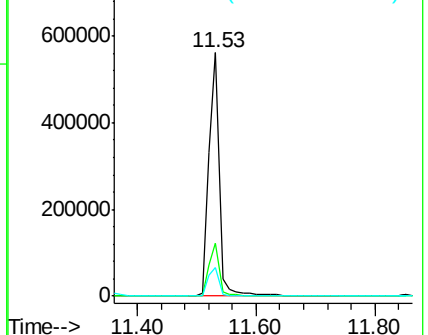
139 11.9 11.2 16.8

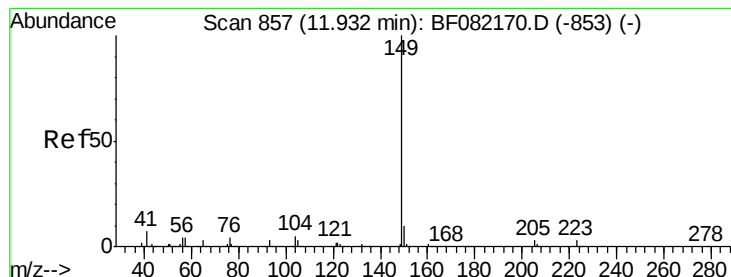


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.45 ng

RT: 11.85 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

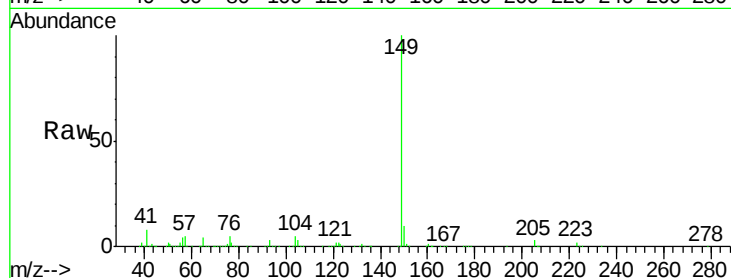
Tot Ion:149 Resp: 807704

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

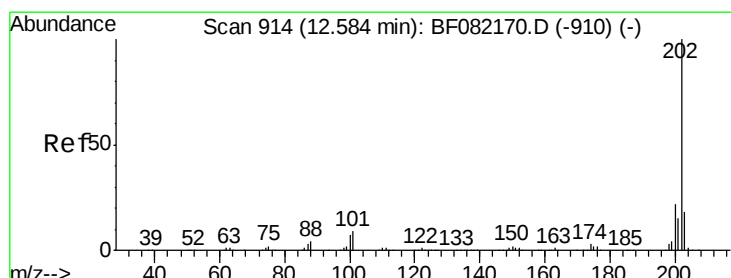
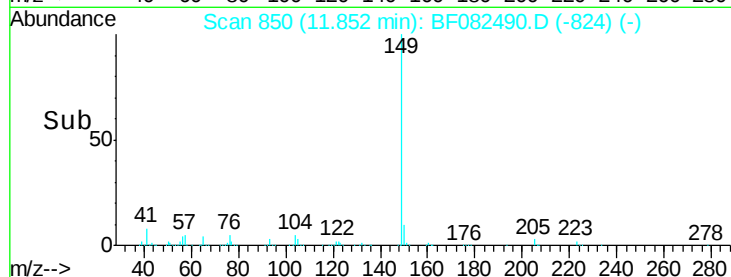
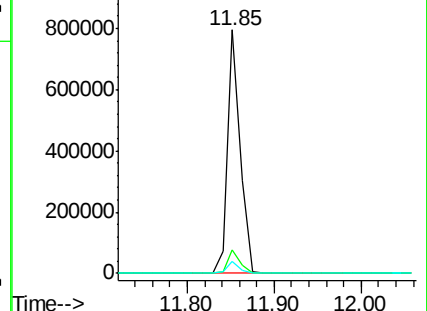
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.97 ng

RT: 12.50 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

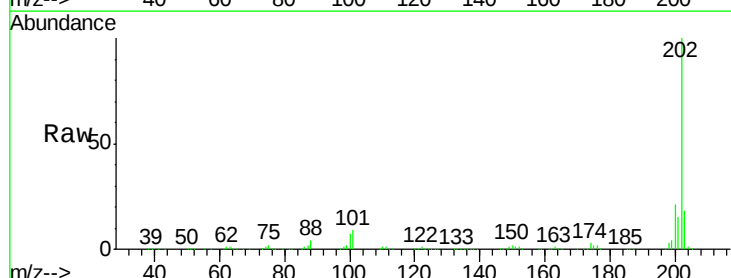
Tgt Ion:202 Resp: 786916

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.3

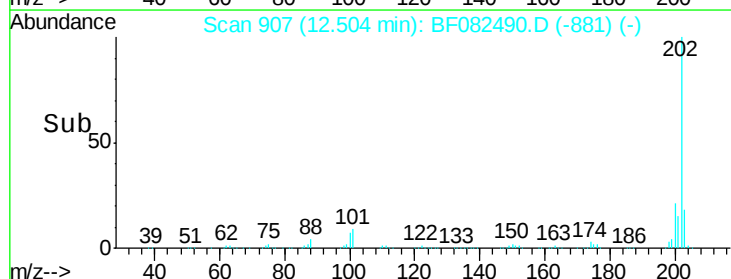
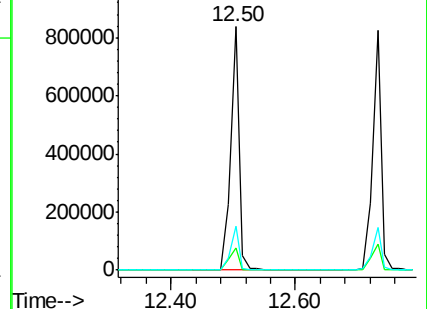
203 18.0 0.0 37.8

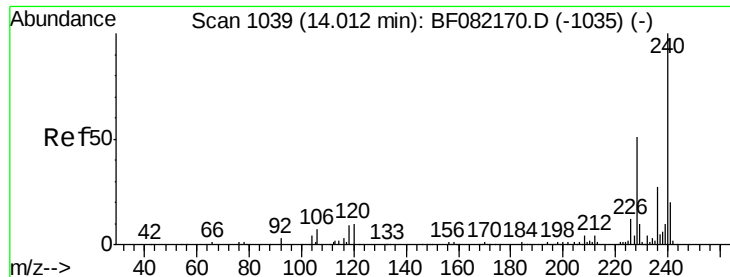


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

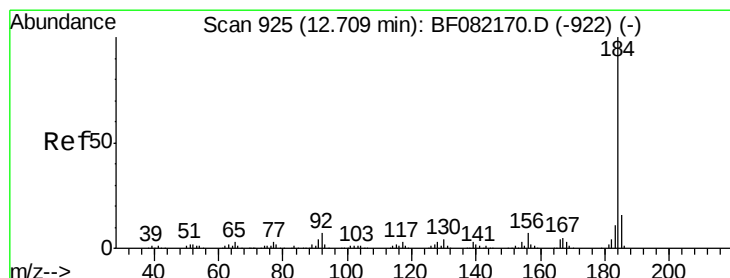
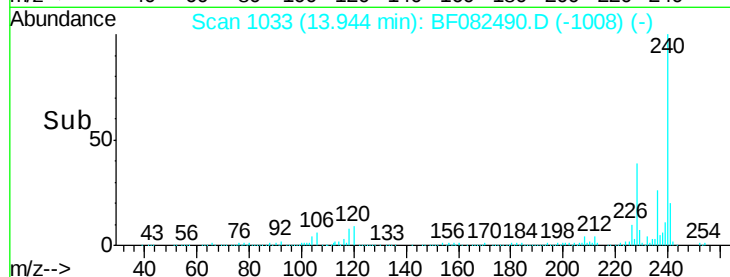
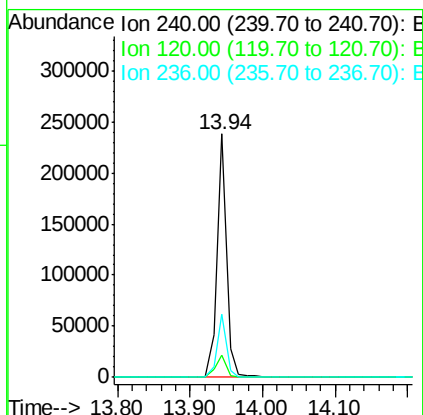
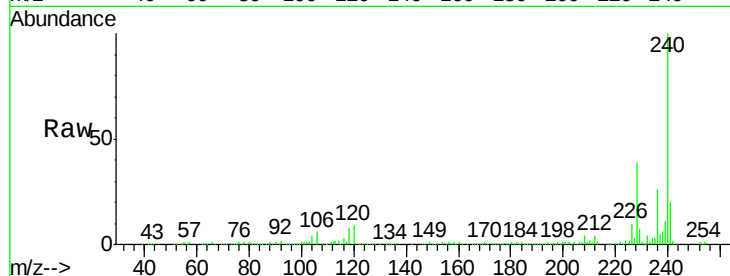




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

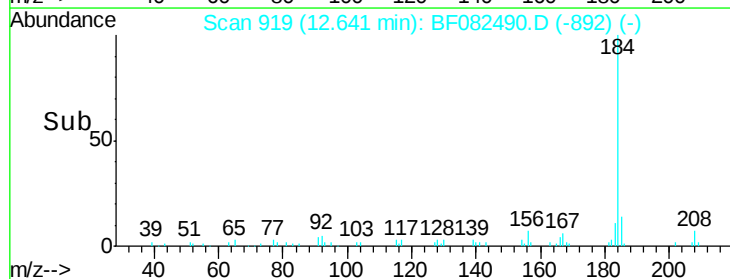
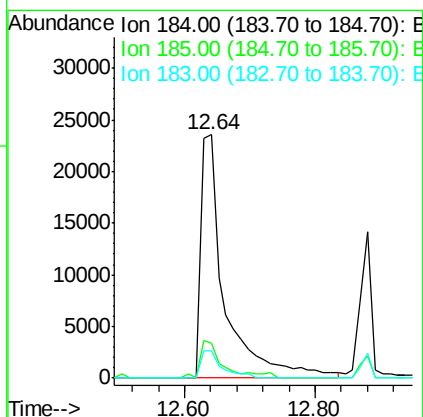
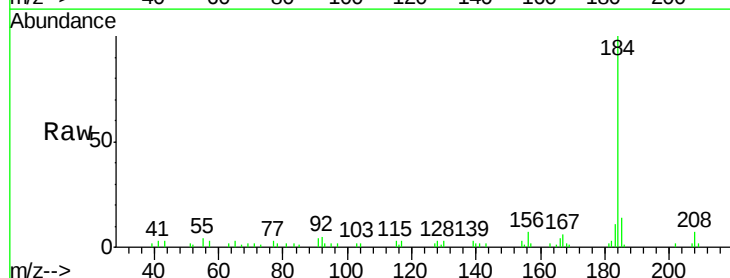
Instrument :
BNA_F
ClientSampleId :
NC-003MSD

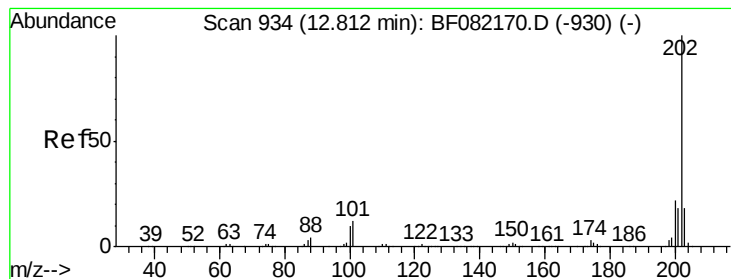
Tot Ion:240 Resp: 217486
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 26.1 21.3 31.9



#76
Benzidine
Concen: 9.42 ng
RT: 12.64 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:184 Resp: 59372
Ion Ratio Lower Upper
184 100
185 14.1 12.5 18.7
183 11.4 9.1 13.7





#77

Pvrene

Concen: 60.11 ng

RT: 12.73 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

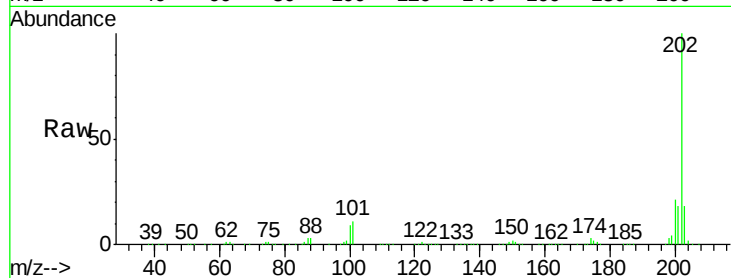
Tot Ion:202 Resp: 775872

Ion Ratio Lower Upper

202 100

200 21.4 17.9 26.9

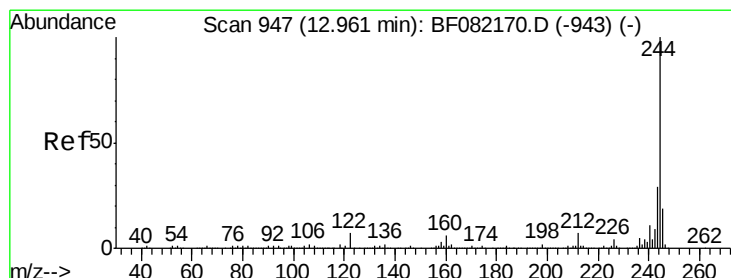
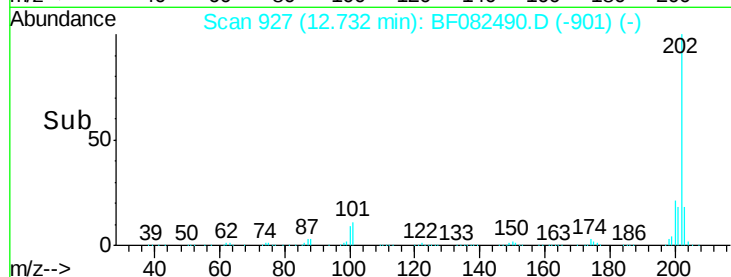
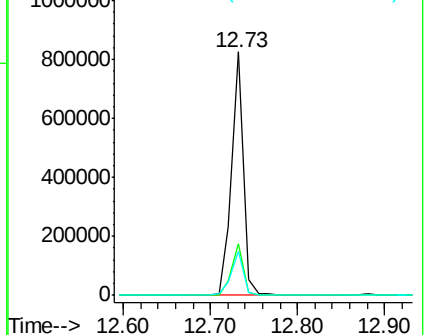
203 17.8 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 122.97 ng

RT: 12.88 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

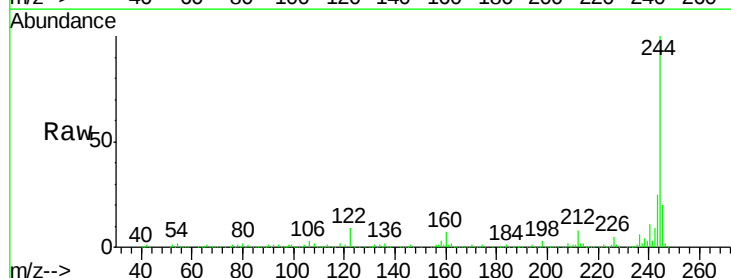
Tgt Ion:244 Resp: 1009211

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

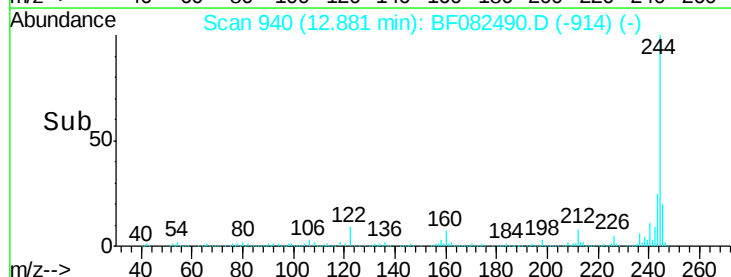
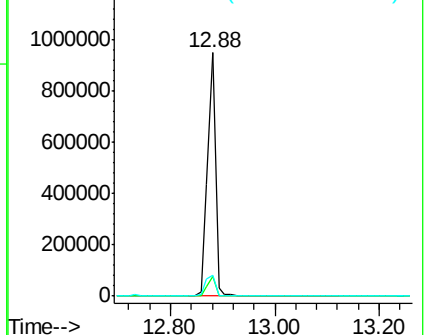
122 8.7 5.9 8.9

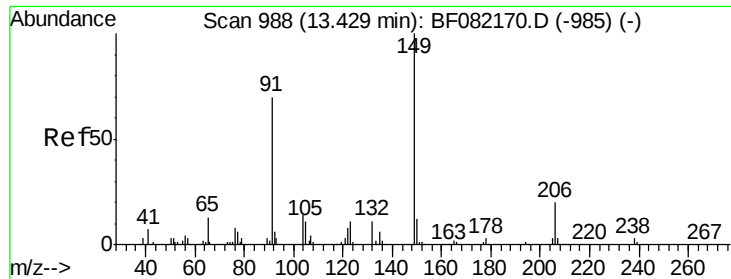


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

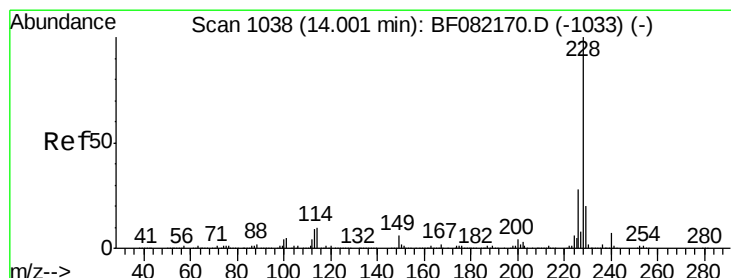
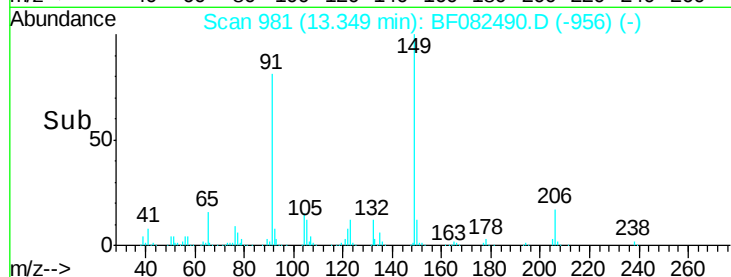
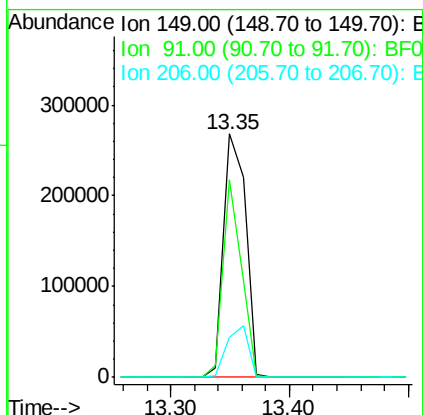
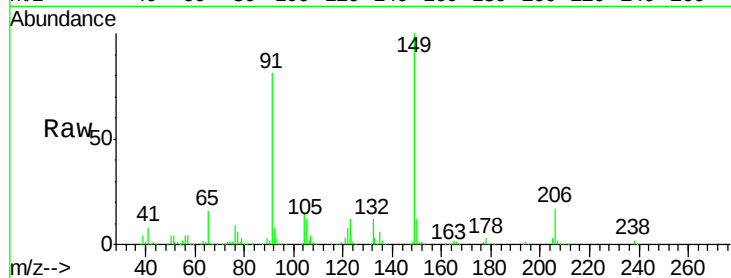




#79
Butylbenzylphthalate
Concen: 59.00 ng
RT: 13.35 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

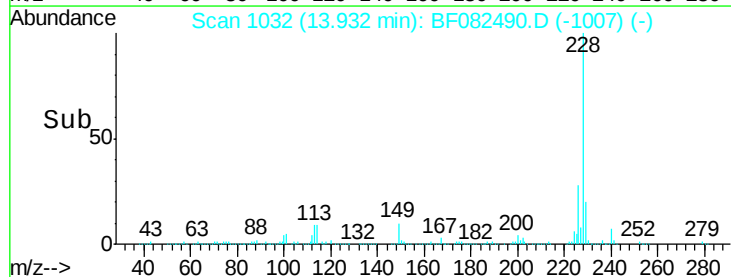
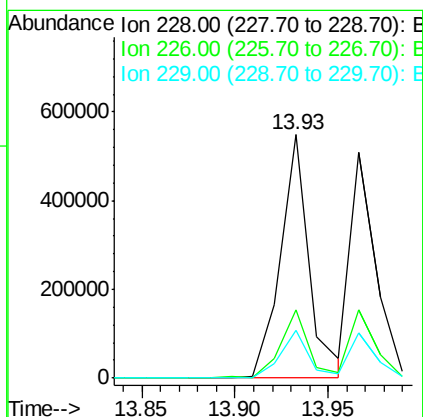
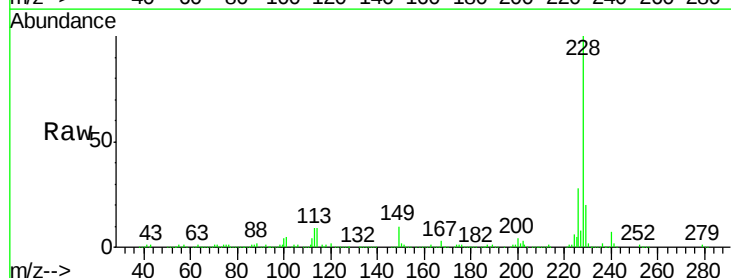
Instrument :
BNA_F
ClientSampleId :
NC-003MSD

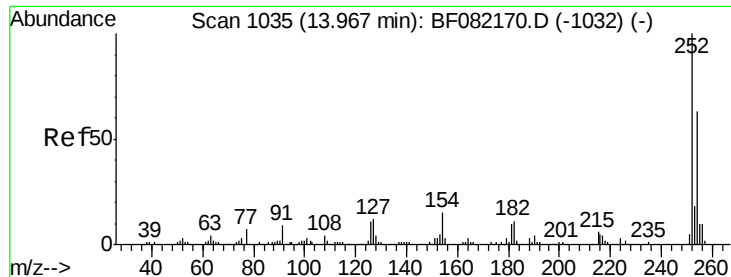
Tot Ion:149 Resp: 347540
Ion Ratio Lower Upper
149 100
91 81.0 55.7 83.5
206 16.6 15.6 23.4



#80
Benzo(a)anthracene
Concen: 51.73 ng
RT: 13.93 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion:228 Resp: 585384
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 19.8 16.2 24.2

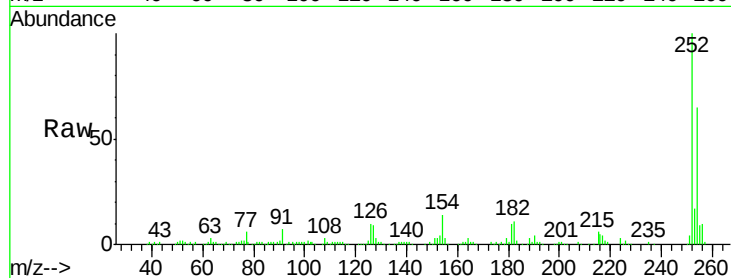




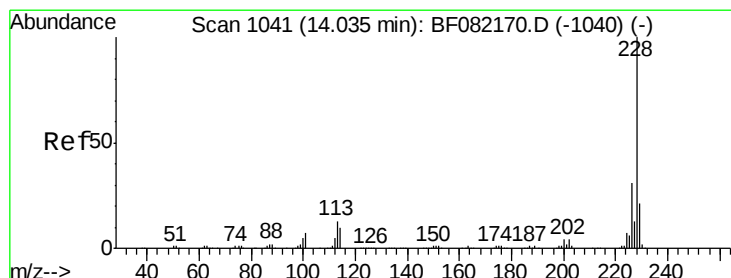
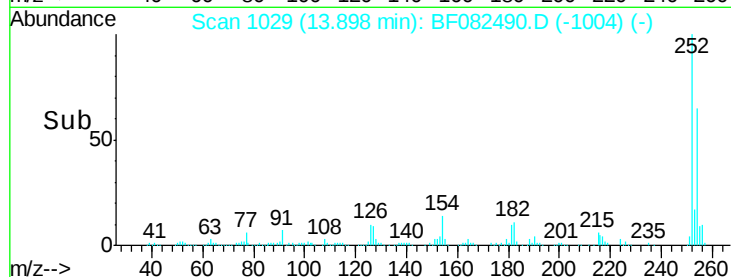
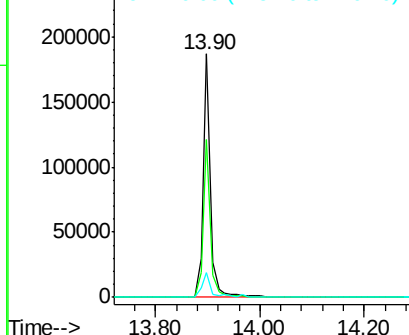
#81
 3,3'-Dichlorobenzidine
 Concen: 42.54 ng
 RT: 13.90 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tot Ion:252 Resp: 182740
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.7 76.1
 126 10.1 9.0 13.6

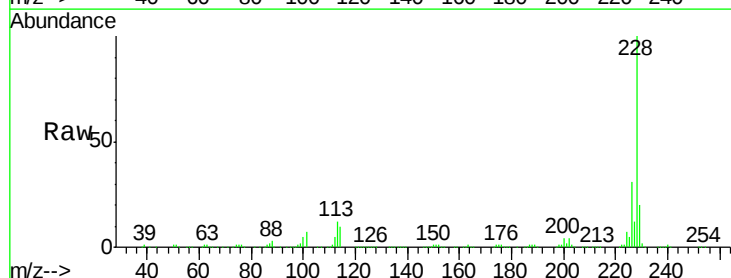


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

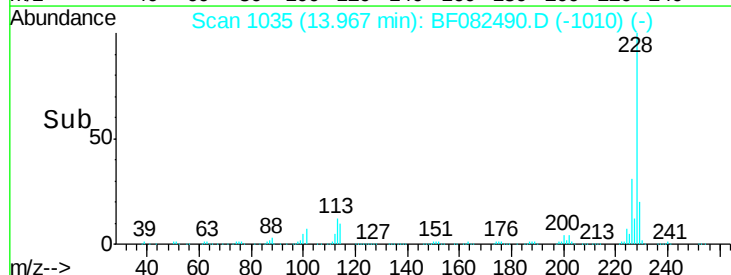
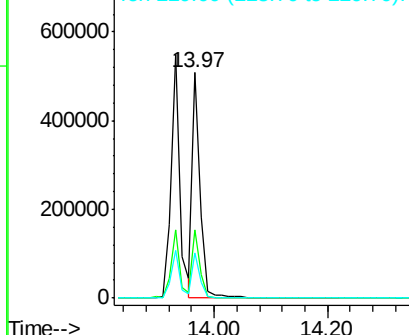


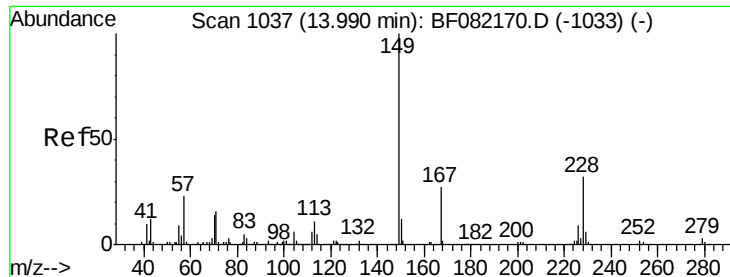
#82
 Chrysene
 Concen: 42.41 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion:228 Resp: 505671
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

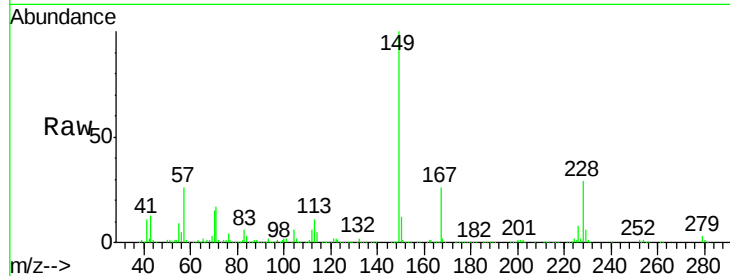




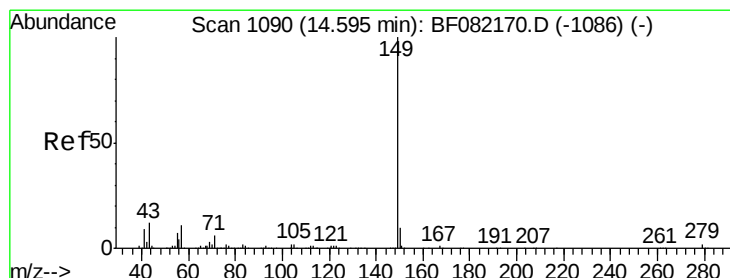
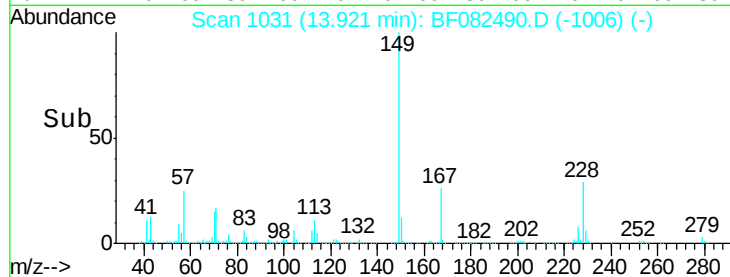
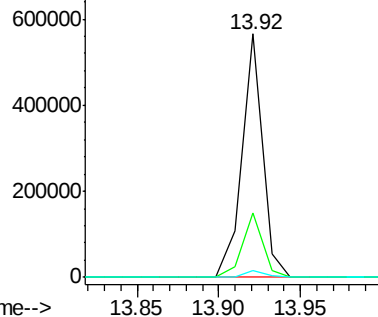
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.87 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tot Ion:149 Resp: 503116
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 2.8 2.6 4.0

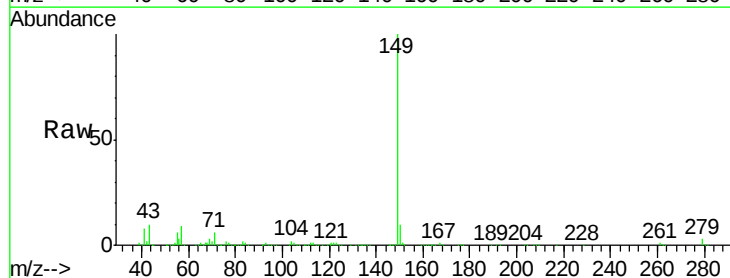


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

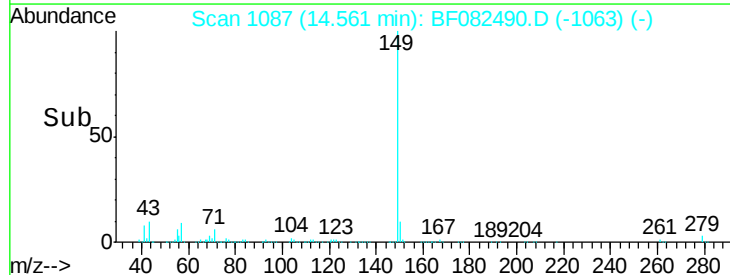
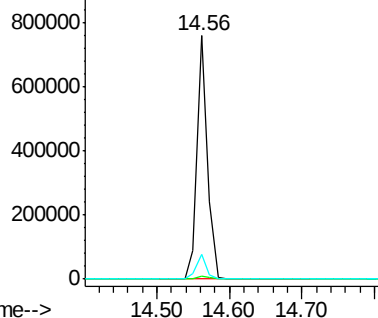


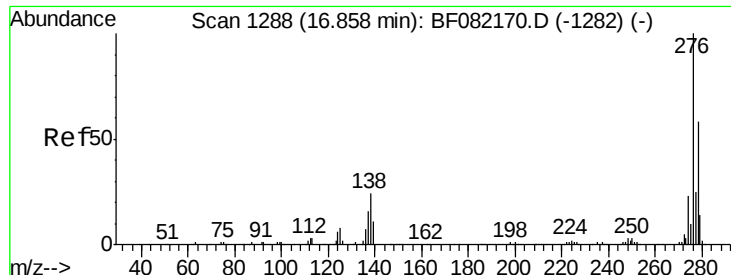
#84
 Di-n-octyl phthalate
 Concen: 52.22 ng
 RT: 14.56 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion:149 Resp: 753621
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.3 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

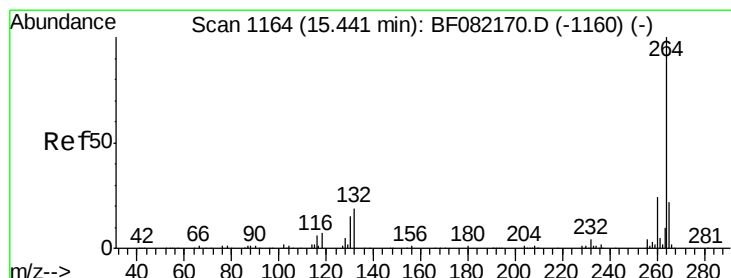
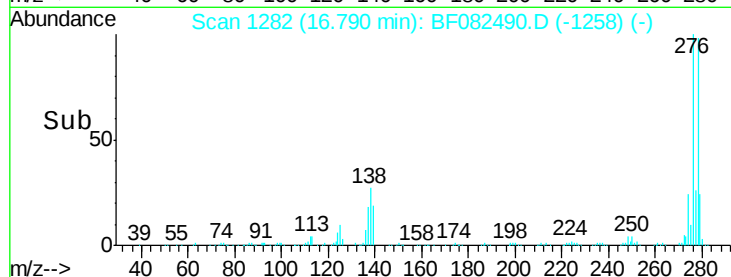
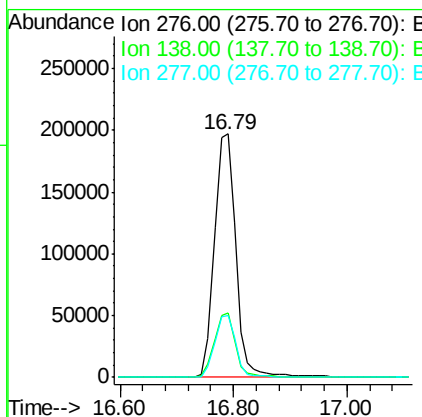
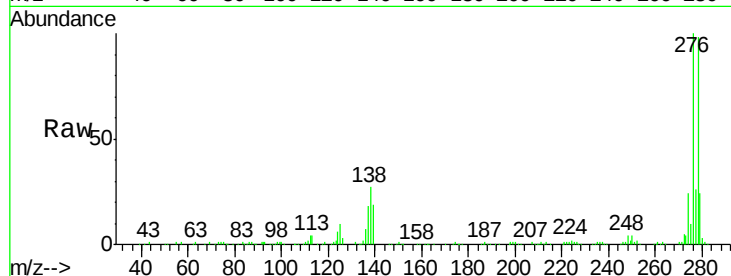




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.37 ng
 RT: 16.79 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

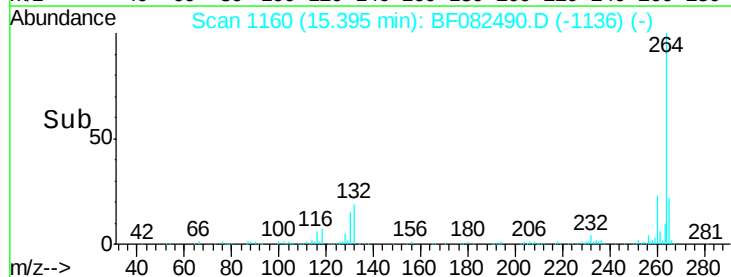
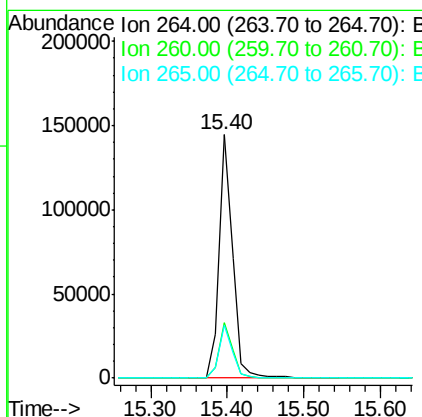
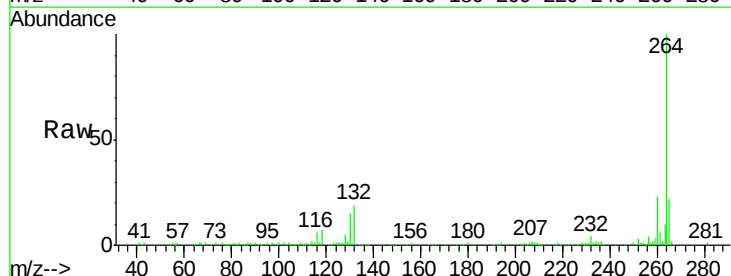
Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

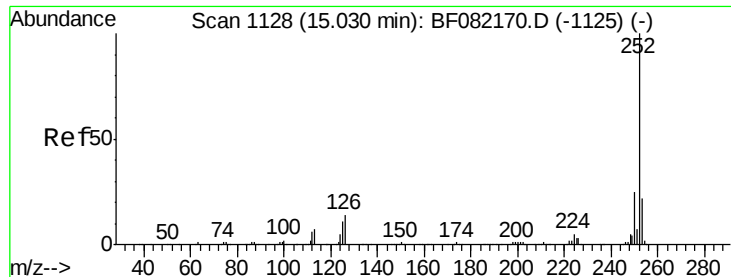
Tot Ion:276 Resp: 515231
 Ion Ratio Lower Upper
 276 100
 138 26.5 19.7 29.5
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion:264 Resp: 179464
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 90.95 ng

RT: 15.00 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

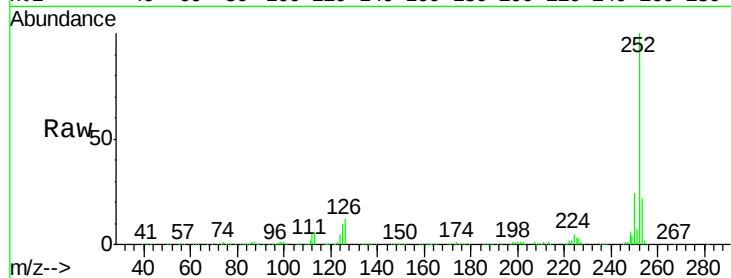
Tot Ion:252 Resp: 993029

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

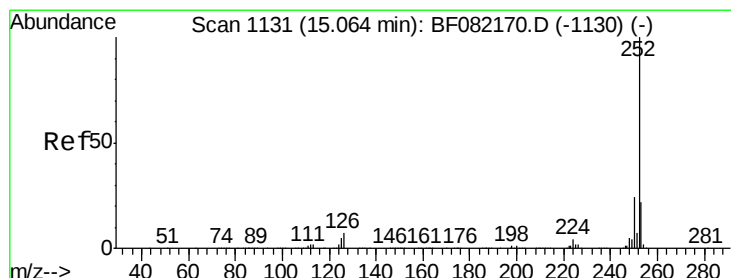
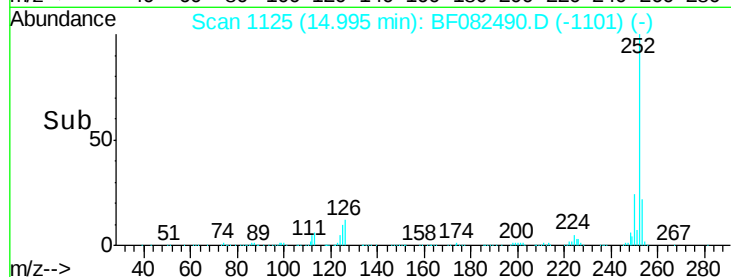
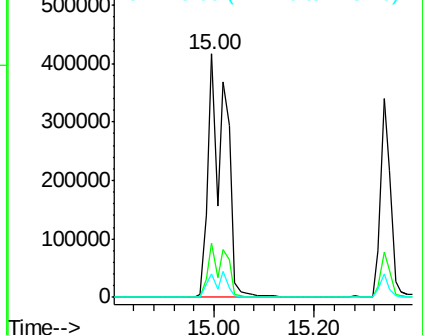
125 9.8 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 108.26 ng

RT: 15.00 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

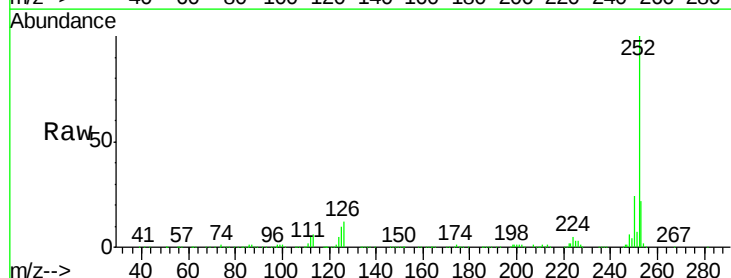
Tgt Ion:252 Resp: 993522

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

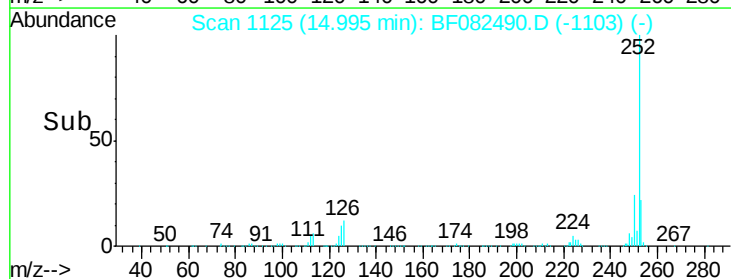
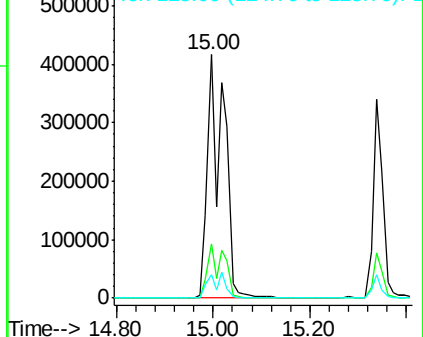
125 9.8 6.7 10.1

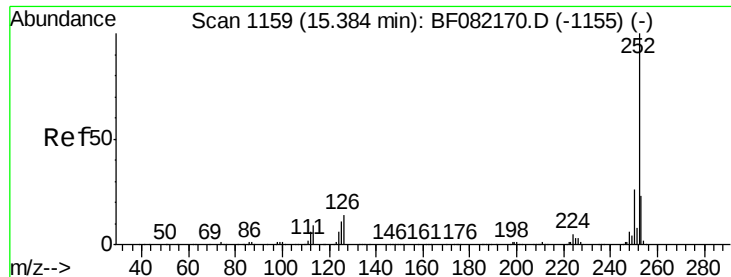


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.35 ng

RT: 15.34 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

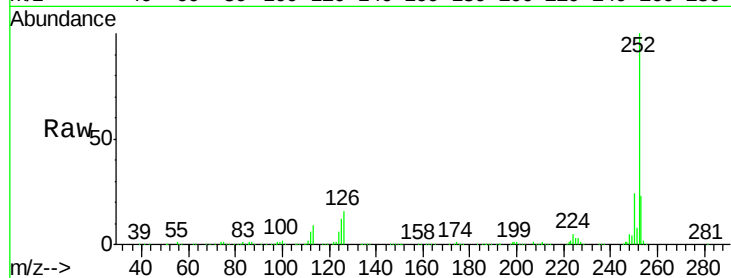
Tot Ion:252 Resp: 472469

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

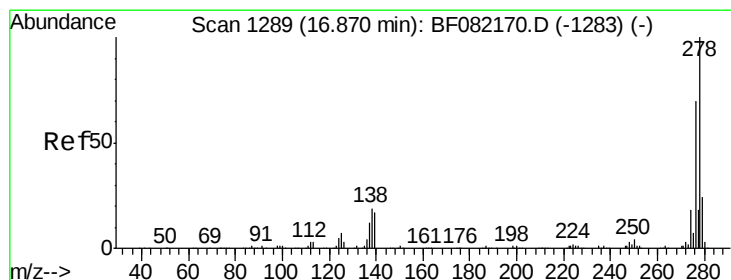
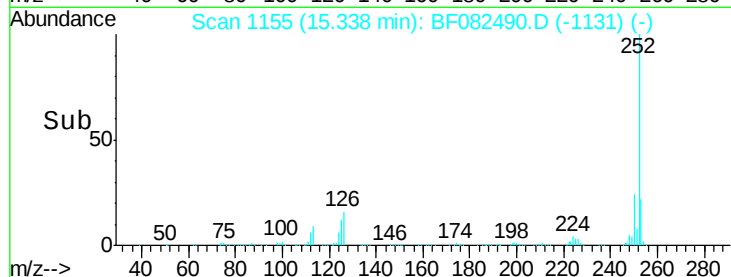
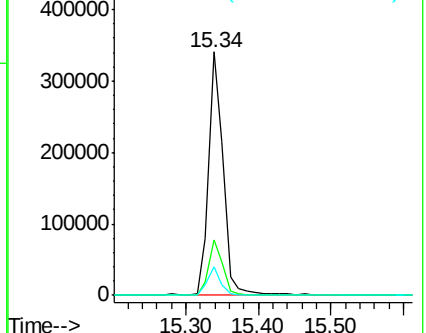
125 12.0 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 56.60 ng

RT: 16.80 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

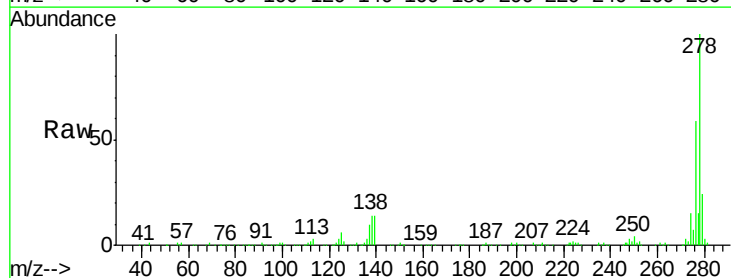
Tgt Ion:278 Resp: 435225

Ion Ratio Lower Upper

278 100

139 13.7 13.3 19.9

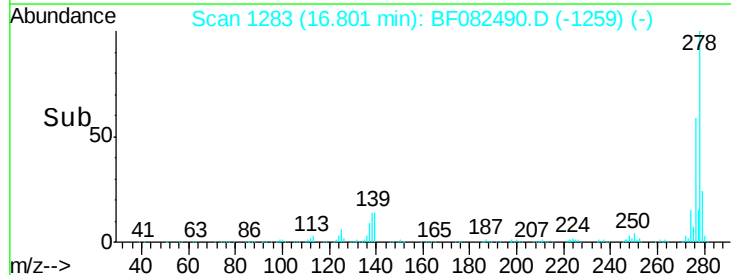
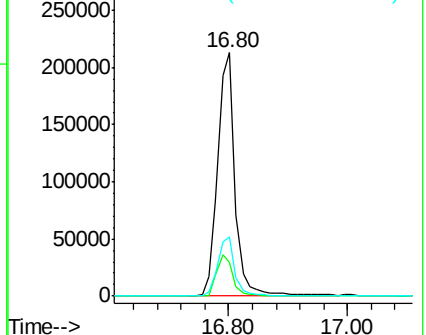
279 24.2 18.9 28.3

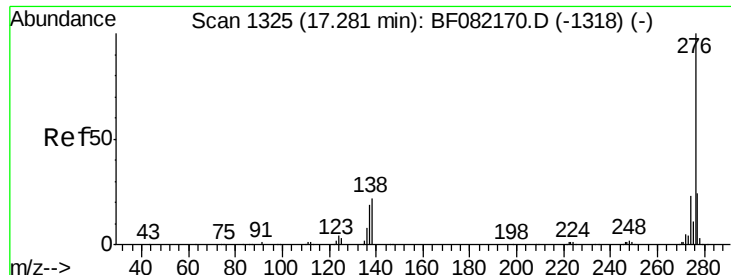


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 57.17 ng

RT: 17.20 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

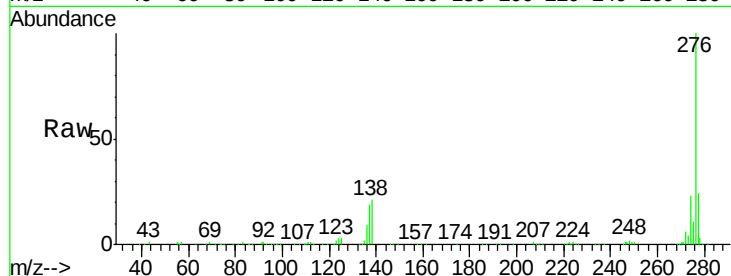
Tot Ion:276 Resp: 427107

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.2 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

