

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082489.D
 Acq On : 24 Oct 2015 2:39
 Operator : UM/IZ
 Sample : G4142-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

Quant Time: Oct 24 04:56:51 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	98408	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	386027	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	187449	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	346168	20.00	ng	0.00
75) Chrysene-d12	13.96	240	247651	20.00	ng	0.00
86) Perylene-d12	15.42	264	215917	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	721969	148.07	ng	0.01
7) Phenol-d6	6.41	99	971889	153.17	ng	0.00
23) Nitrobenzene-d5	7.34	82	637142	110.84	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	222081	126.33	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1210888	107.13	ng	0.00
78) Terphenyl-d14	12.88	244	1046788	112.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	92628	37.81	ng	97
3) Pyridine	3.02	79	166057	29.14	ng	98
4) n-Nitrosodimethylamine	2.99	42	119303	49.37	ng	93
6) Aniline	6.42	93	179269	21.91	ng	# 1
8) 2-Chlorophenol	6.55	128	289481	48.63	ng	97
9) Benzaldehyde	6.30	77	119574	36.90	ng	95
10) Phenol	6.43	94	303470	41.48	ng	94
11) bis(2-Chloroethyl)ether	6.50	93	274003	44.29	ng	98
12) 1,3-Dichlorobenzene	6.93	146	323536	46.67	ng	99
13) 1,4-Dichlorobenzene	6.78	146	323763	44.72	ng	96
14) 1,2-Dichlorobenzene	6.93	146	326814	47.54	ng	95
15) Benzyl Alcohol	6.91	79	238509	54.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	377173	43.78	ng	56
17) 2-Methylphenol	7.03	107	223451	47.47	ng	# 89
18) Hexachloroethane	7.26	117	107594	43.42	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	208008	46.68	ng	99
20) 3+4-Methylphenols	7.19	107	288199	51.38	ng	# 65
22) Acetophenone	7.18	105	402857	52.76	ng	# 87
24) Nitrobenzene	7.35	77	275142	44.22	ng	100
25) Isophorone	7.59	82	551705	47.55	ng	100
26) 2-Nitrophenol	7.67	139	166325	53.53	ng	98
27) 2,4-Dimethylphenol	7.71	122	254627	50.87	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	362310	53.67	ng	99
29) 2,4-Dichlorophenol	7.92	162	260213	52.00	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	279875	48.53	ng	99
31) Naphthalene	8.07	128	841817	50.31	ng	100
32) Benzoic acid	7.85	122	82309	24.50	ng	97
33) 4-Chloroaniline	8.13	127	107640	15.49	ng	98
34) Hexachlorobutadiene	8.18	225	161204	44.86	ng	98
35) Caprolactam	8.51	113	53028	36.52	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	267240	54.61	ng	95
37) 2-Methylnaphthalene	8.75	142	548305	47.26	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	270711	48.55	ng	99
40) Hexachlorocyclopentadiene	8.90	237	102529	40.87	ng	98

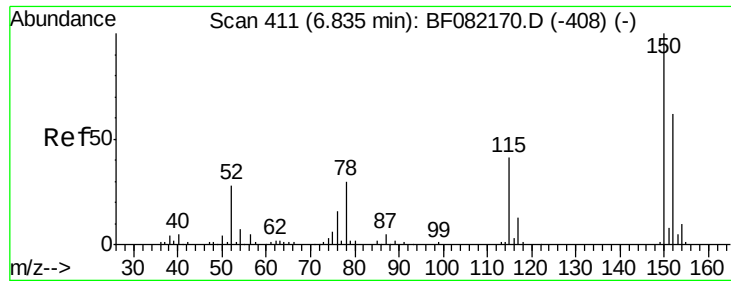
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	183390	49.52	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	188601	47.01	nq	98
45) 1,1'-Biphenyl	9.22	154	649142	45.41	nq	99
46) 2-Chloronaphthalene	9.26	162	518577	46.09	nq	98
47) 2-Nitroaniline	9.36	65	164026	53.10	nq	# 86
48) Acenaphthylene	9.67	152	852578	48.64	nq	100
49) Dimethylphthalate	9.54	163	906907	68.71	nq	98
50) 2,6-Dinitrotoluene	9.60	165	128920	46.29	nq	# 69
51) Acenaphthene	9.84	154	516438	49.08	nq	99
52) 3-Nitroaniline	9.77	138	87370	27.77	nq	90
53) 2,4-Dinitrophenol	9.89	184	74842	50.64	nq	97
54) Dibenzofuran	10.01	168	719284	49.79	nq	99
55) 4-Nitrophenol	9.95	139	142365	69.24	nq	# 77
56) 2,4-Dinitrotoluene	10.01	165	190366	54.69	nq	96
57) Fluorene	10.35	166	601812	50.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	157669	48.10	nq	95
59) Diethylphthalate	10.24	149	652454	53.03	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	262756	48.34	nq	98
61) 4-Nitroaniline	10.39	138	123671	40.53	nq	93
62) Azobenzene	10.50	77	574416	47.70	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	65909	33.93	nq	91
65) n-Nitrosodiphenylamine	10.47	169	489427	47.22	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	162453	46.89	nq	98
67) Hexachlorobenzene	10.90	284	174777	46.65	nq	96
68) Atrazine	11.01	200	188472	57.40	nq	98
69) Pentachlorophenol	11.10	266	165968	86.08	nq	97
70) Phenanthrene	11.31	178	840327	49.52	nq	100
71) Anthracene	11.37	178	921487	52.70	nq	99
72) Carbazole	11.53	167	805271	50.49	nq	98
73) Di-n-butylphthalate	11.85	149	922503	46.88	nq	100
74) Fluoranthene	12.50	202	847992	46.53	nq	98
76) Benzidine	12.63	184	90563	12.62	nq	99
77) Pyrene	12.73	202	846361	57.59	nq	99
79) Butylbenzylphthalate	13.36	149	416181	62.05	nq	# 84
80) Benzo(a)anthracene	13.94	228	625592	48.55	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	203697	41.65	nq	# 96
82) Chrysene	13.98	228	635464	46.80	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	572523	59.83	nq	99
84) Di-n-octyl phthalate	14.57	149	860241	52.35	nq	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	582331	53.96	nq	98
87) Benzo(b)fluoranthene	15.04	252	1135634	86.45	nq	# 98
88) Benzo(k)fluoranthene	15.04	252	1135634	102.85	nq	100
89) Benzo(a)pyrene	15.36	252	555452	49.20	nq	# 97
90) Dibenzo(a,h)anthracene	16.81	278	494654	53.47	nq	98
91) Benzo(g,h,i)perylene	17.22	276	475345	52.89	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. -0.00 min

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Acq: 24 Oct 2015 2:39

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BNA_F

ClientSampleId :

NC-003MS

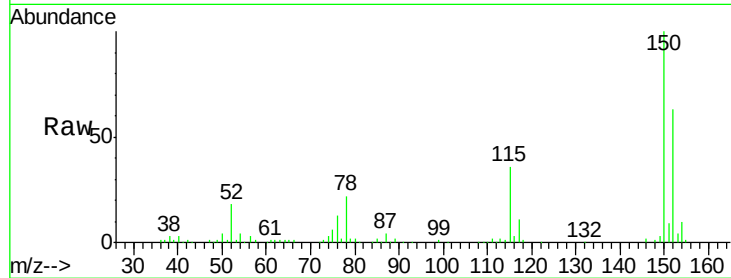
Tot Ion:152 Resp: 98408

Ion Ratio Lower Upper

152 100

150 159.7 129.0 193.4

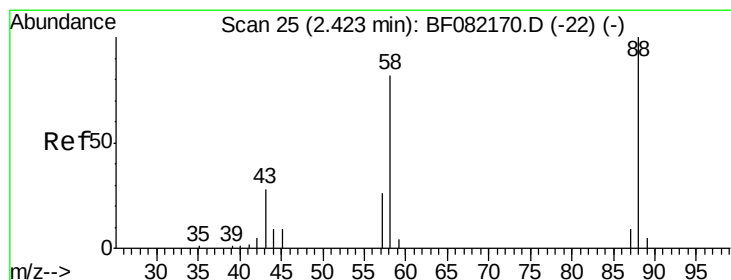
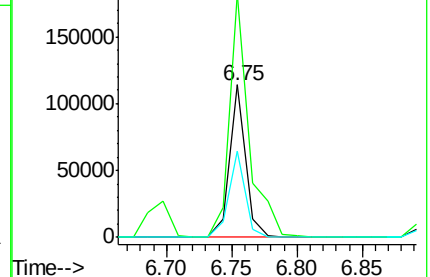
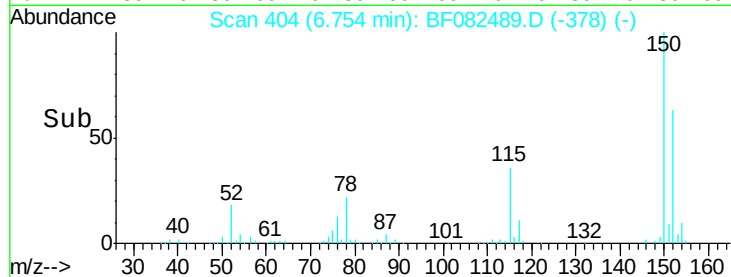
115 56.7 52.1 78.1



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



#2

1,4-Dioxane

Concen: 37.81 ng

RT: 2.33 min Scan# 17

Delta R.T. 0.07 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

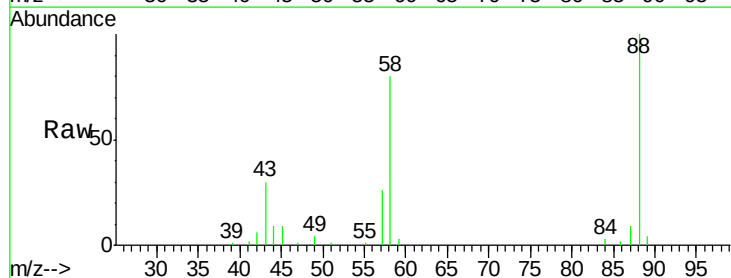
Tgt Ion: 88 Resp: 92628

Ion Ratio Lower Upper

88 100

58 81.5 66.2 99.4

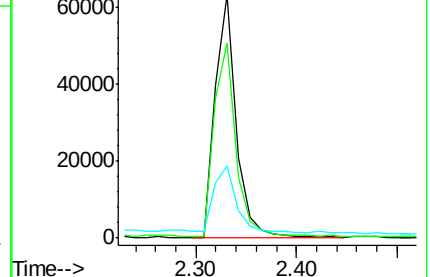
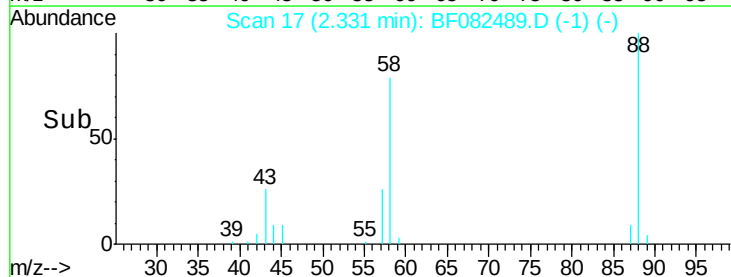
43 32.5 23.0 34.4

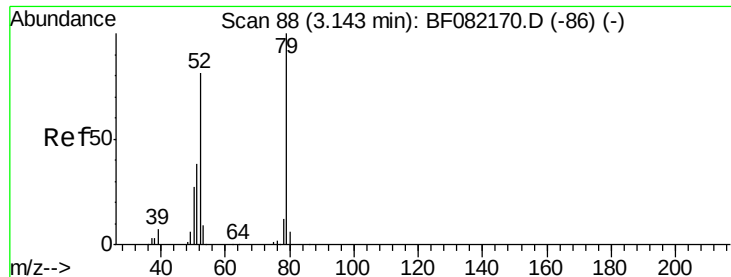


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.14 ng

RT: 3.02 min Scan# 77

Delta R.T. 0.06 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

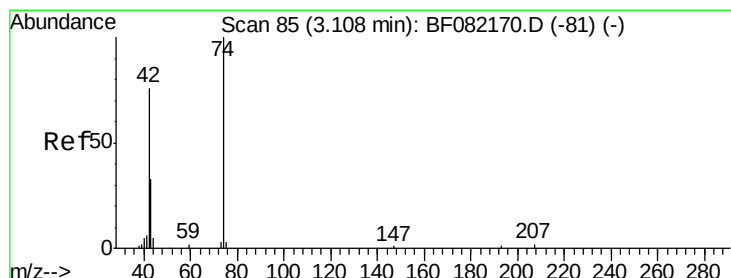
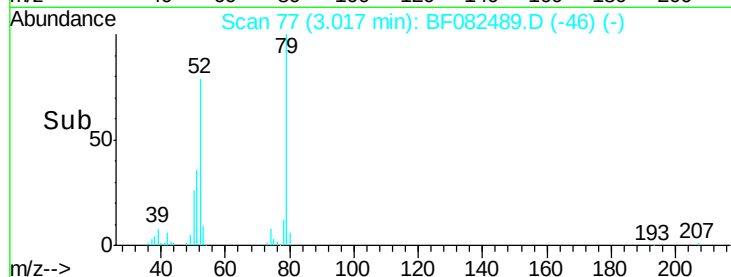
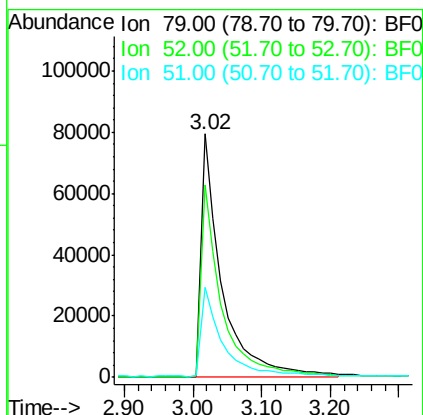
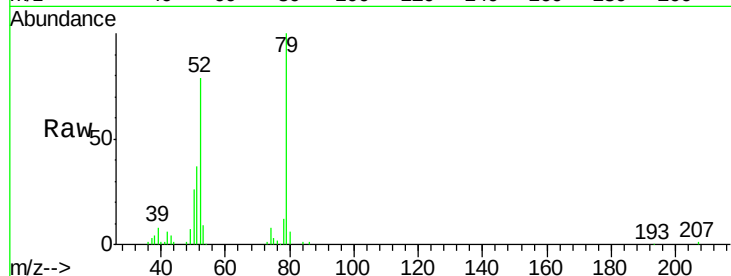
Tot Ion: 79 Resp: 166057

Ion Ratio Lower Upper

79 100

52 78.8 64.4 96.6

51 36.9 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 49.37 ng

RT: 2.99 min Scan# 75

Delta R.T. 0.06 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

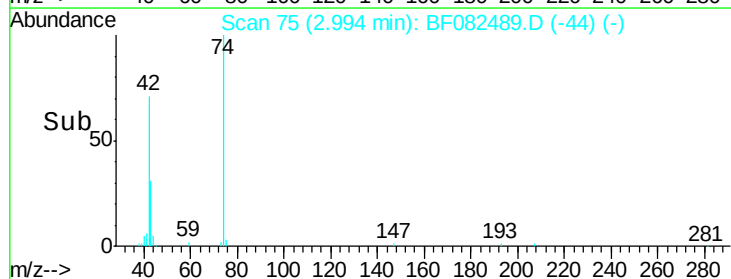
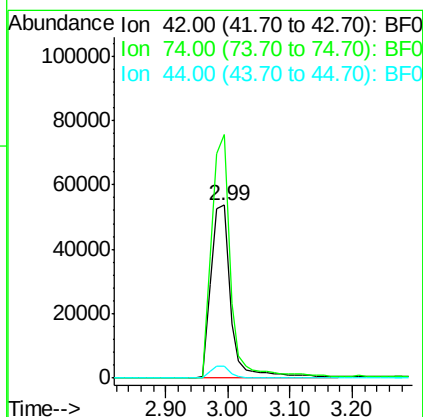
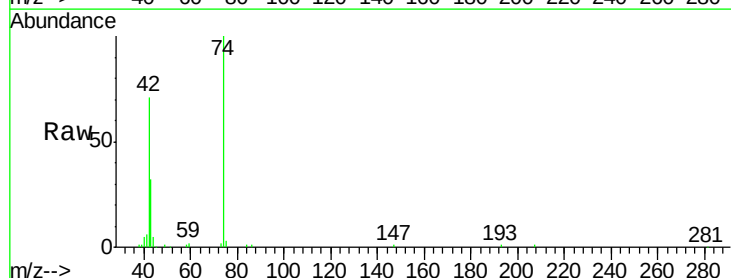
Tgt Ion: 42 Resp: 119303

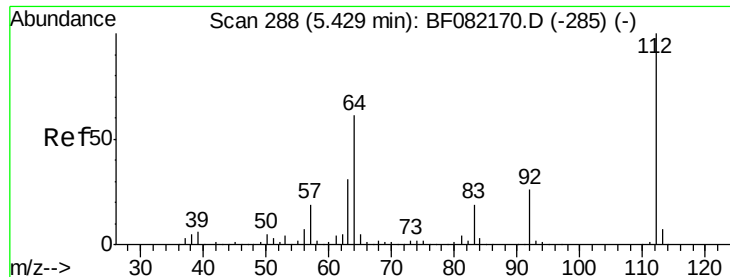
Ion Ratio Lower Upper

42 100

74 140.9 105.7 158.5

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 148.07 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

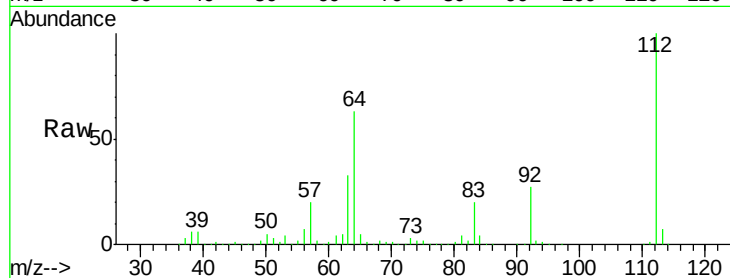
Tot Ion: 112 Resp: 721969

Ion Ratio Lower Upper

112 100

64 63.3 48.6 73.0

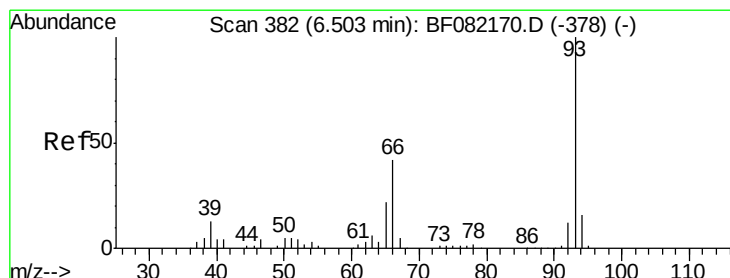
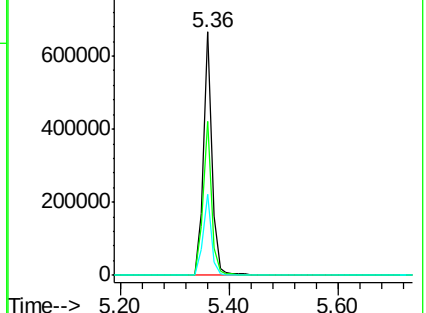
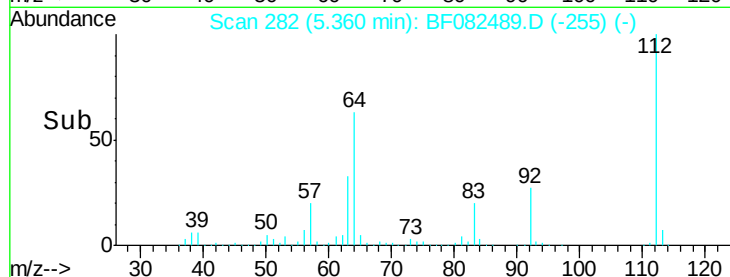
63 33.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.91 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

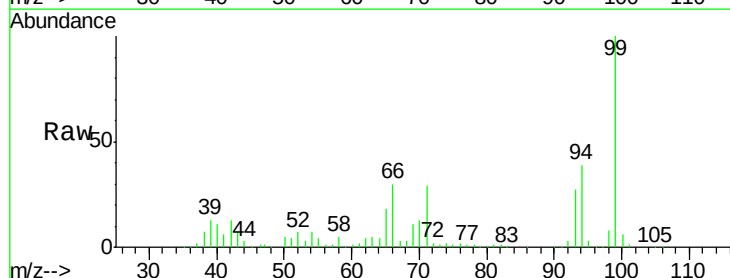
Tgt Ion: 93 Resp: 179269

Ion Ratio Lower Upper

93 100

66 111.7 34.2 51.2#

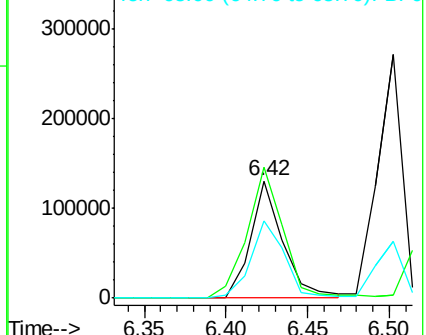
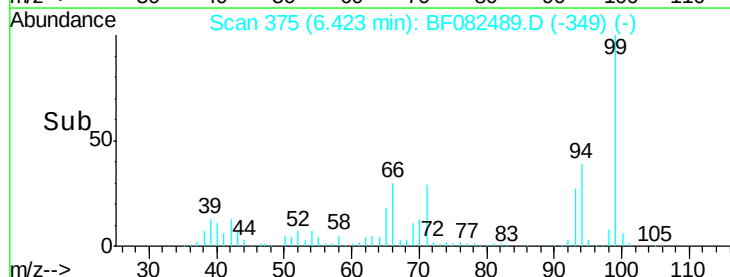
65 66.5 17.9 26.9#

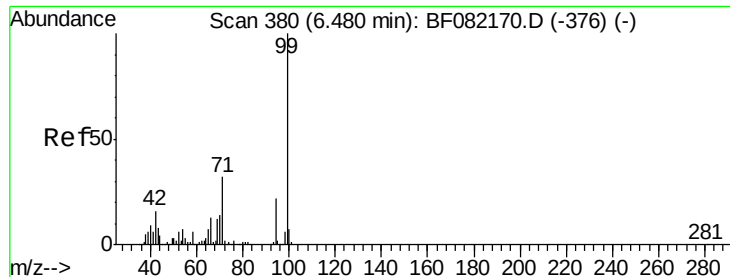


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 153.17 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

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ClientSampleId :

NC-003MS

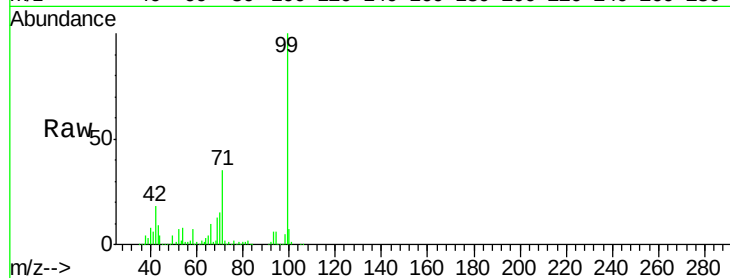
Tot Ion: 99 Resp: 971889

Ion Ratio Lower Upper

99 100

42 18.1 13.2 19.8

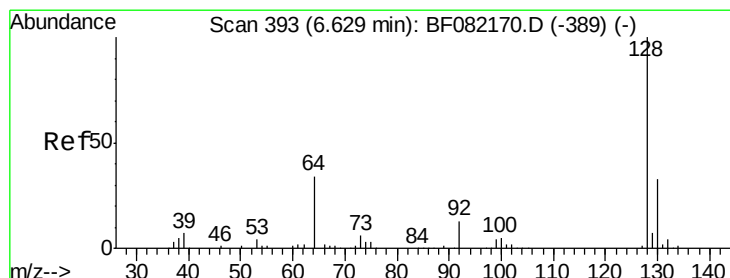
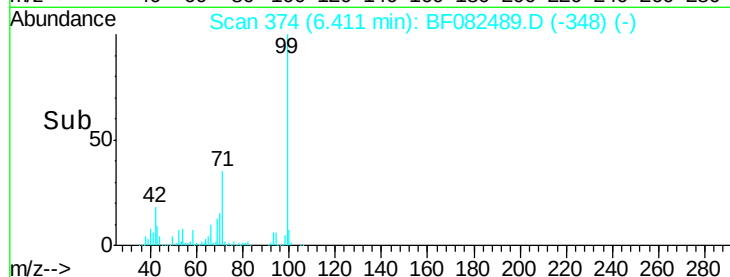
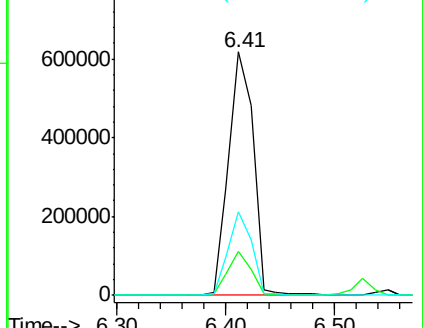
71 34.5 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.63 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

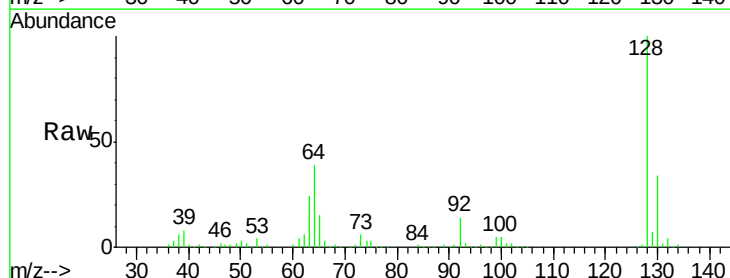
Tgt Ion: 128 Resp: 289481

Ion Ratio Lower Upper

128 100

130 33.6 12.6 52.6

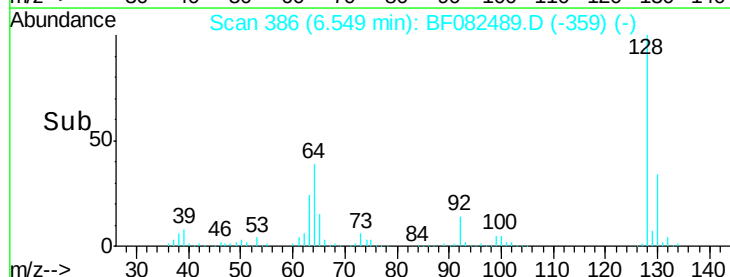
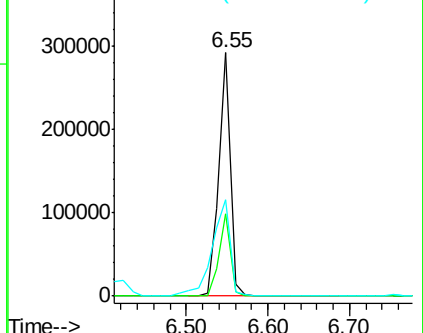
64 39.5 16.7 56.7

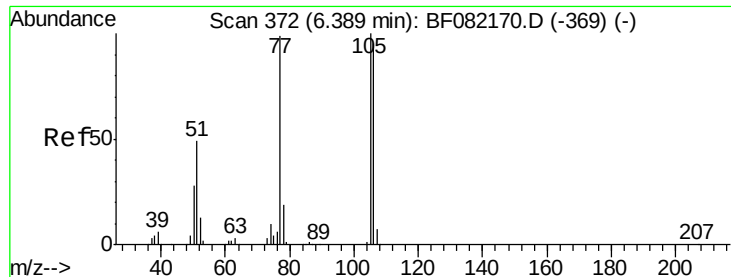


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.90 ng

RT: 6.30 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampled :

NC-003MS

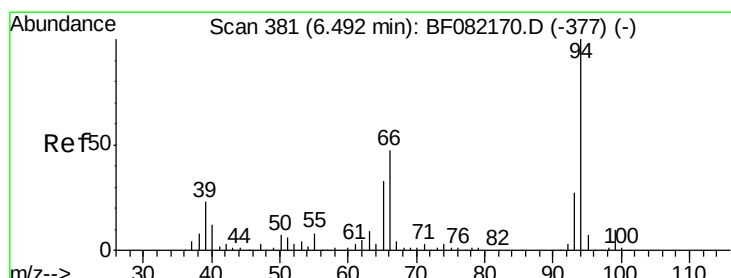
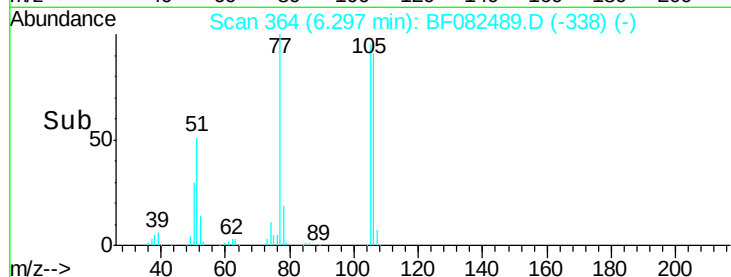
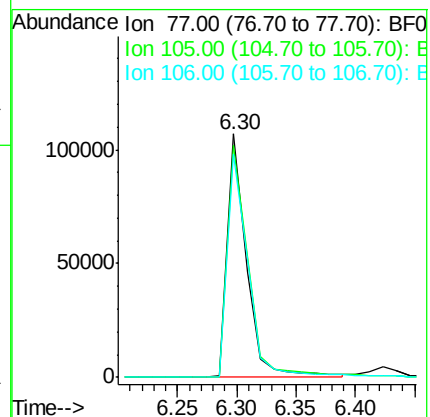
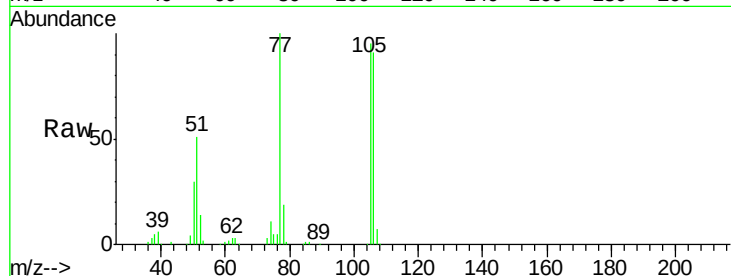
Tot Ion: 77 Resp: 119574

Ion Ratio Lower Upper

77 100

105 95.2 80.6 120.6

106 91.4 75.5 115.5



#10

Phenol

Concen: 41.48 ng

RT: 6.43 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

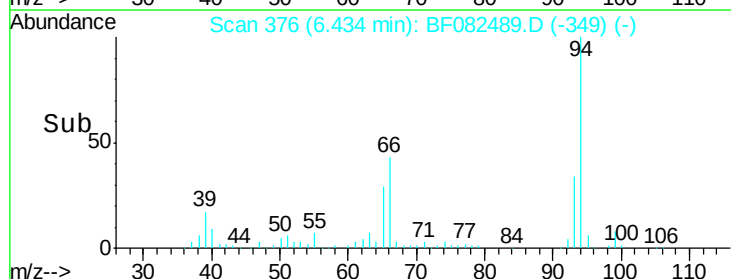
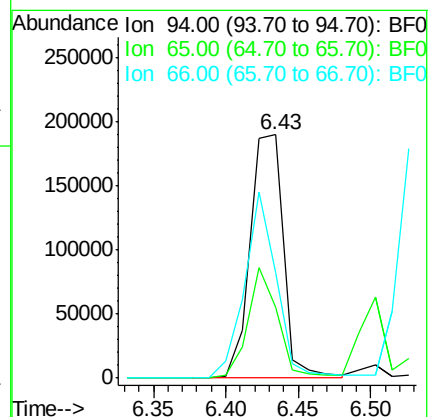
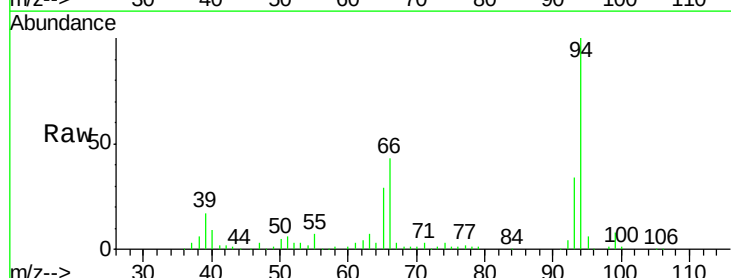
Tgt Ion: 94 Resp: 303470

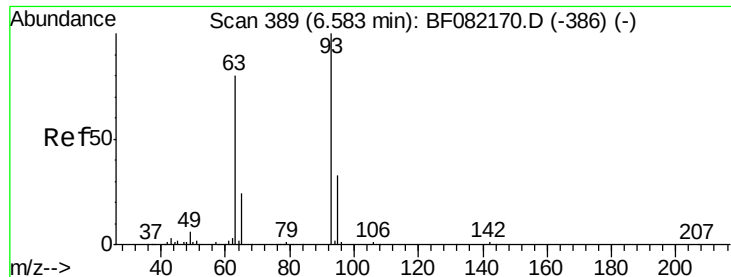
Ion Ratio Lower Upper

94 100

65 29.3 12.6 52.6

66 43.1 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 44.29 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

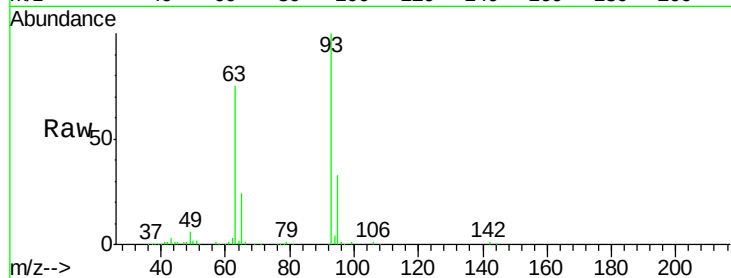
Tot Ion: 93 Resp: 274003

Ion Ratio Lower Upper

93 100

63 74.7 57.1 97.1

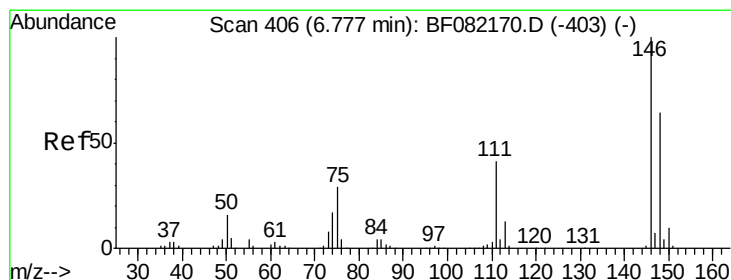
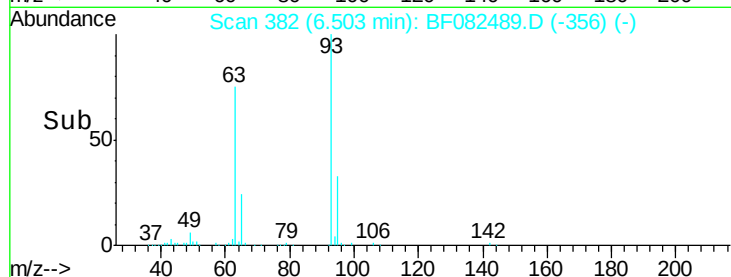
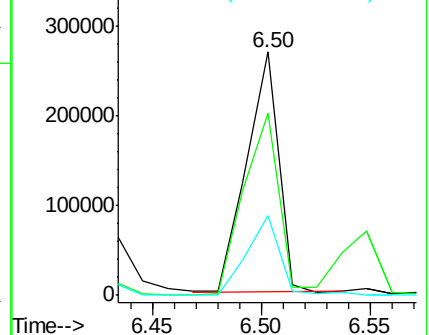
95 32.5 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 46.67 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

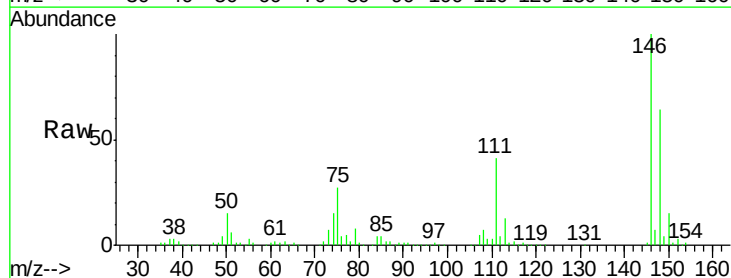
Tgt Ion: 146 Resp: 323536

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

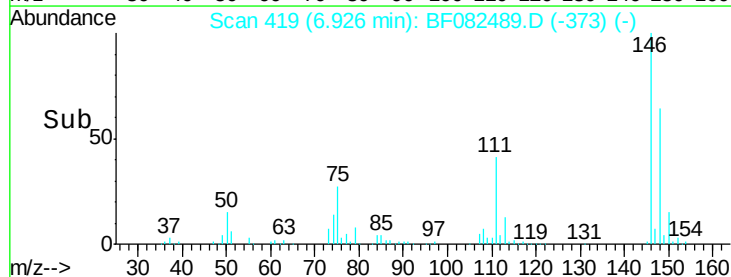
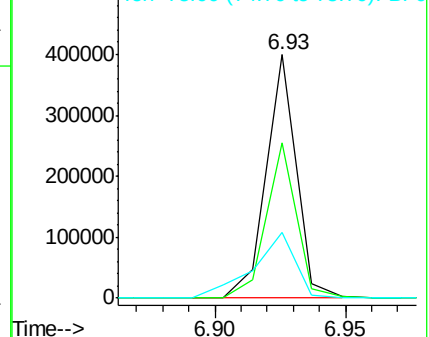
75 26.7 23.0 34.6

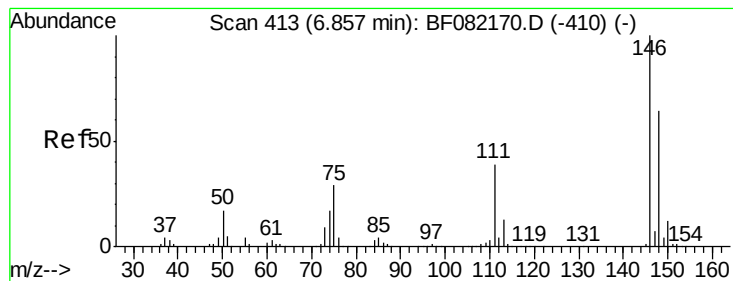


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 44.72 ng

RT: 6.78 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

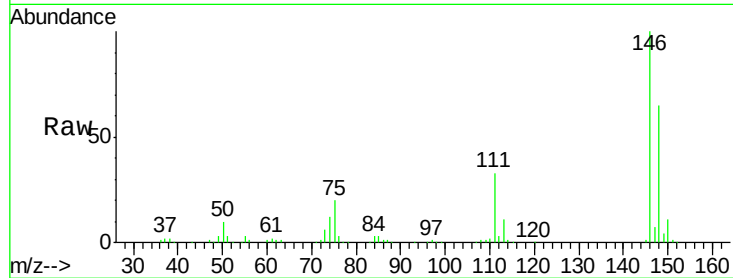
Tot Ion:146 Resp: 323763

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

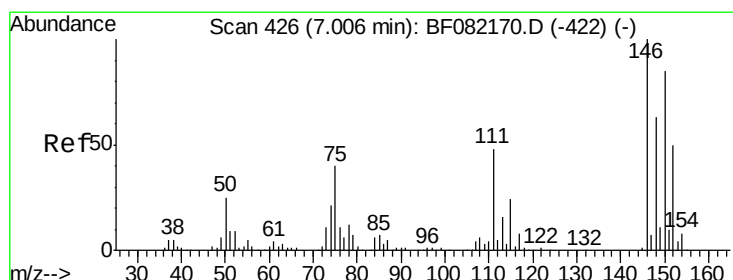
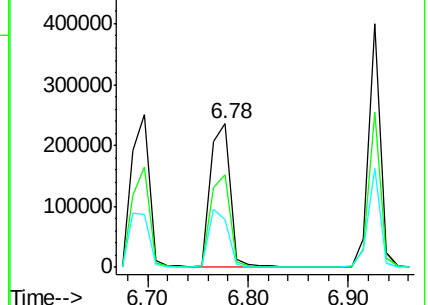
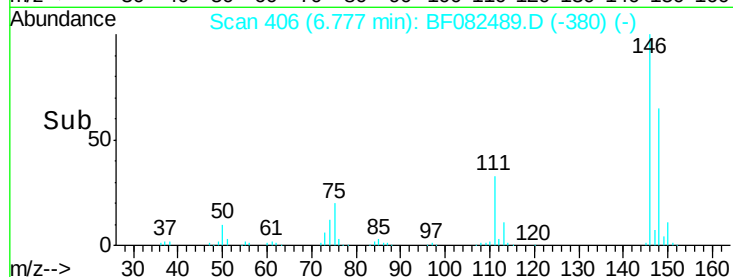
111 33.2 31.1 46.7



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: 47.54 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

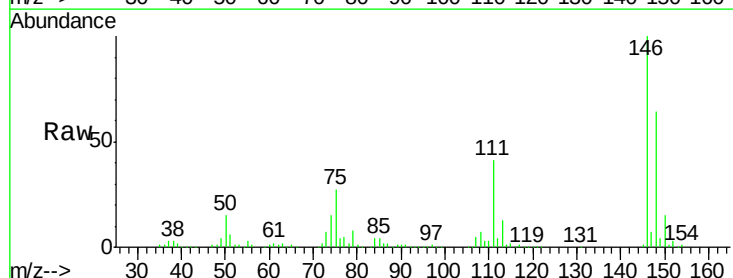
Tgt Ion:146 Resp: 326814

Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

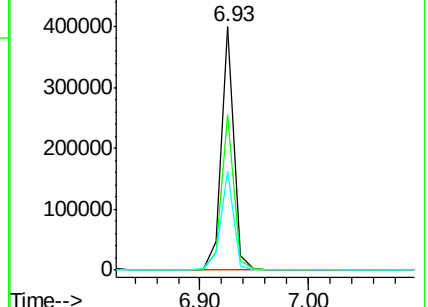
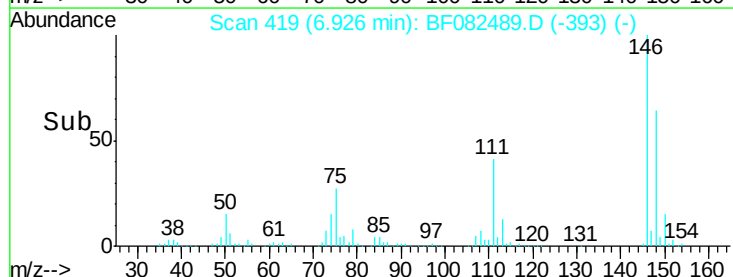
111 40.6 38.5 57.7

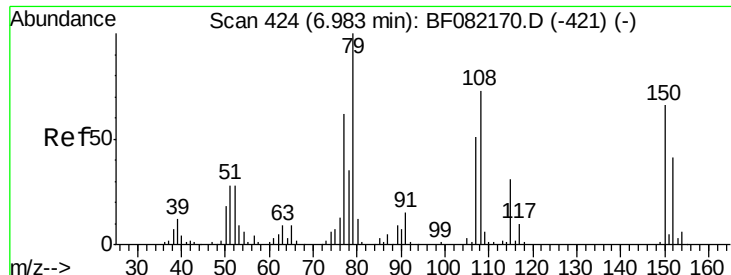


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

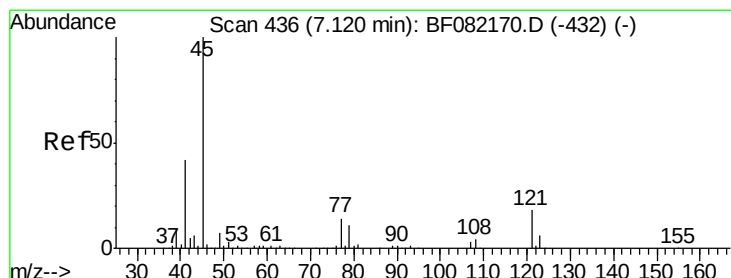
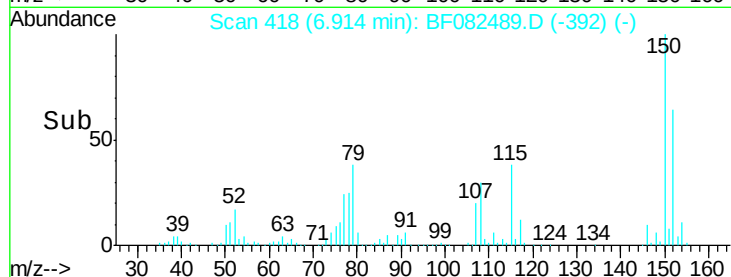
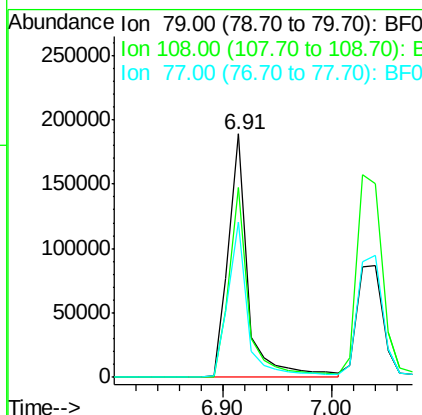
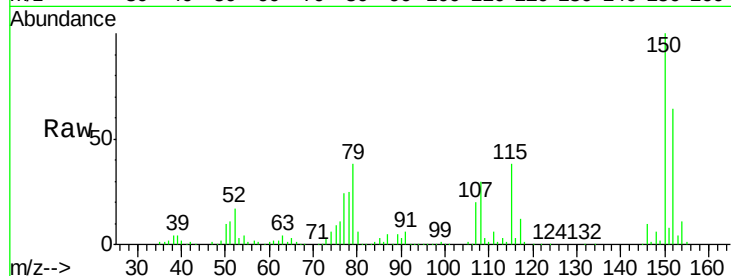




#15
Benzyl Alcohol
Concen: 54.45 ng
RT: 6.91 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

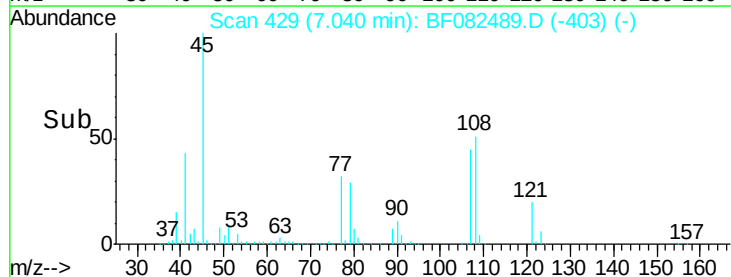
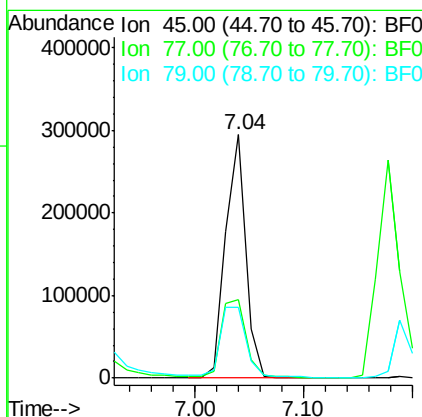
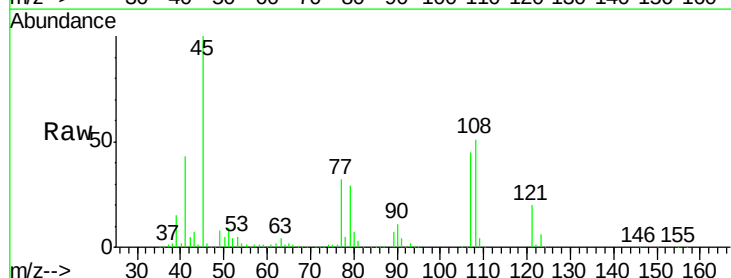
Instrument :
BNA_F
ClientSampleId :
NC-003MS

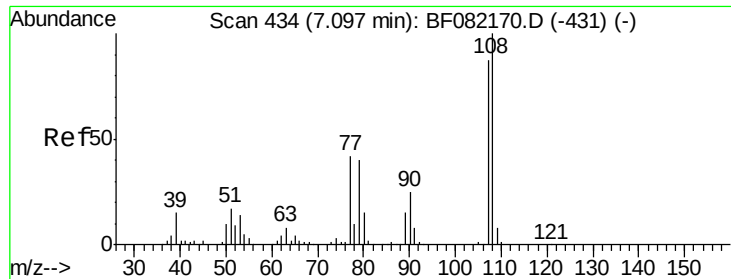
Tot Ion: 79 Resp: 238509
Ion Ratio Lower Upper
79 100
108 77.8 58.4 87.6
77 63.7 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.78 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion: 45 Resp: 377173
Ion Ratio Lower Upper
45 100
77 32.2 0.0 34.5
79 29.3 0.0 31.6





#17

2-Methylphenol

Concen: 47.47 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

Tot Ion:107 Resp: 223451

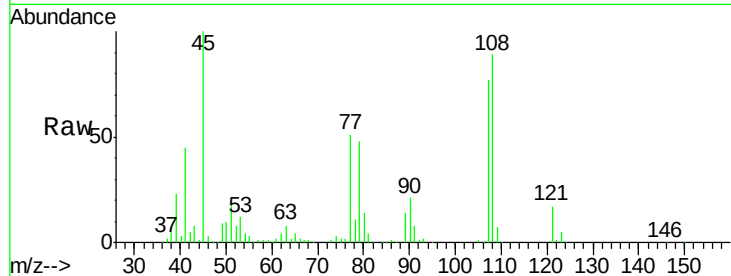
Ion Ratio Lower Upper

107 100

108 114.8 92.2 138.2

77 65.7 39.6 59.4#

79 62.3 38.2 57.4#

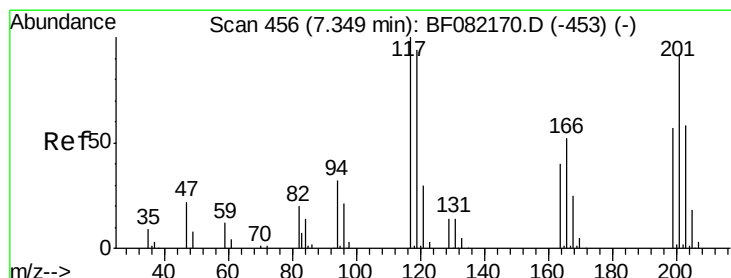
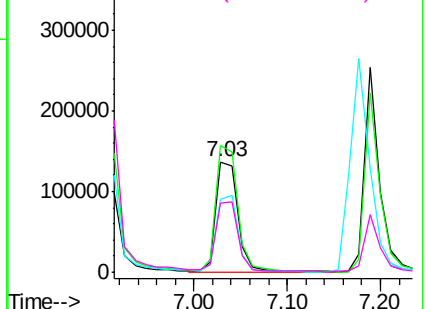
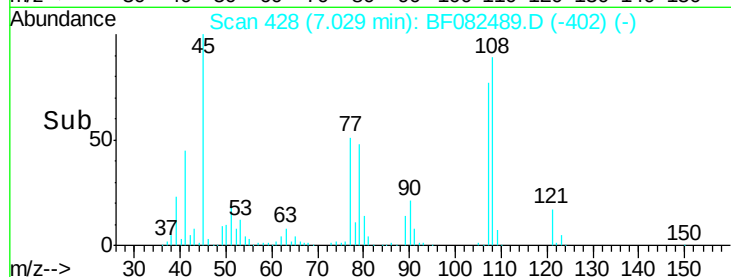


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.42 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

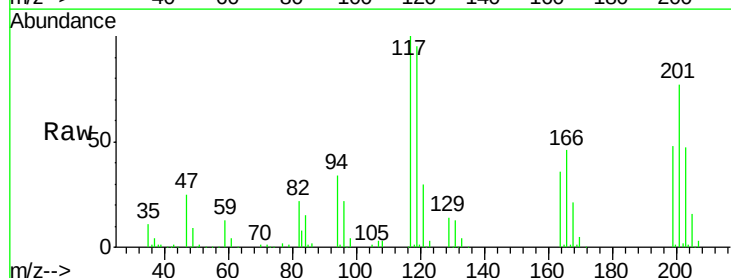
Tgt Ion:117 Resp: 107594

Ion Ratio Lower Upper

117 100

119 95.3 75.4 113.2

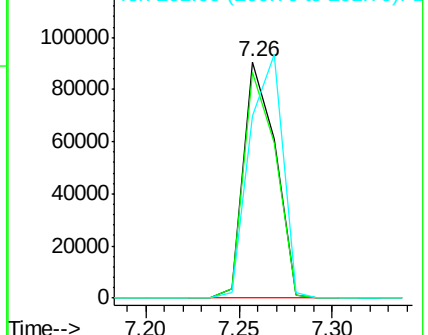
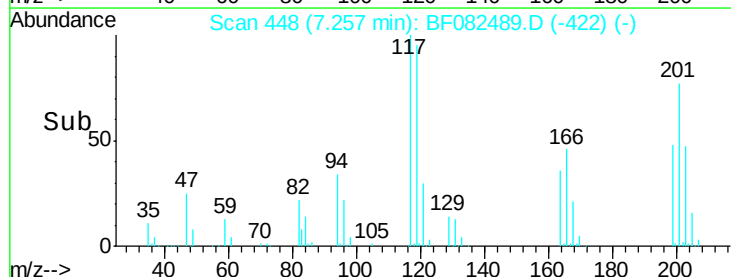
201 76.9 73.4 110.0

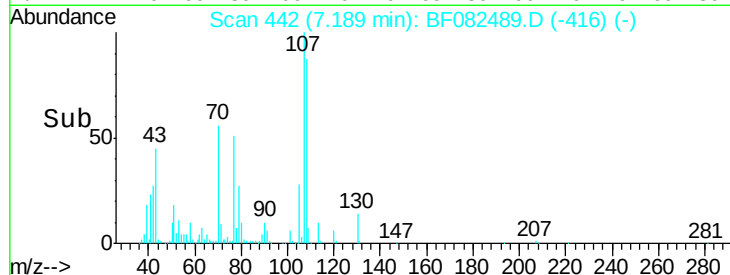
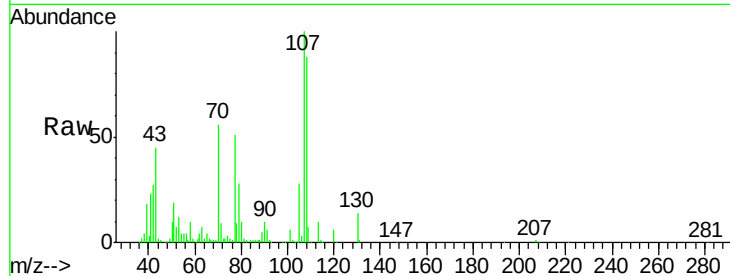
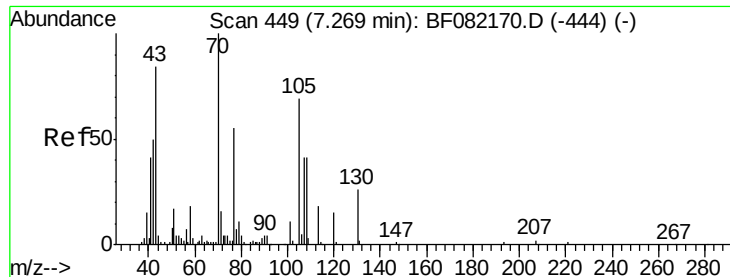


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

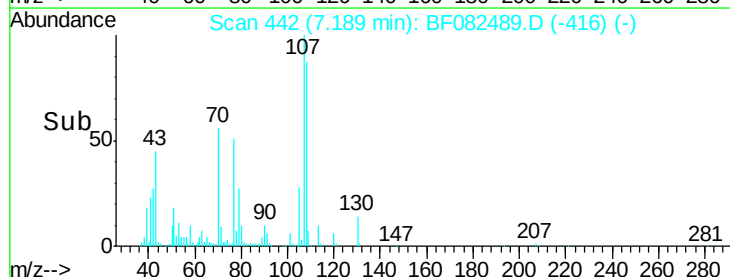
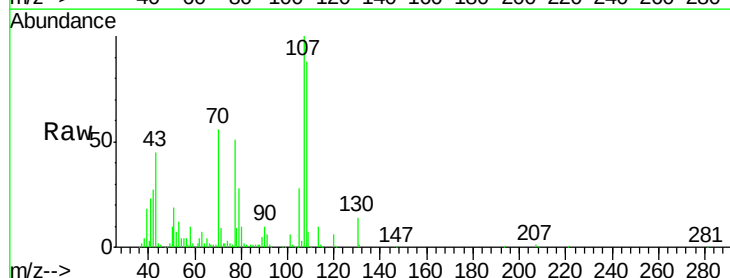
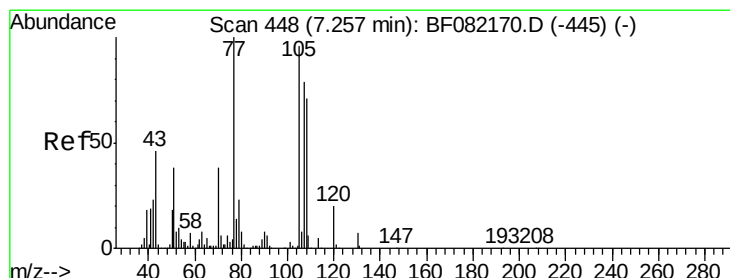
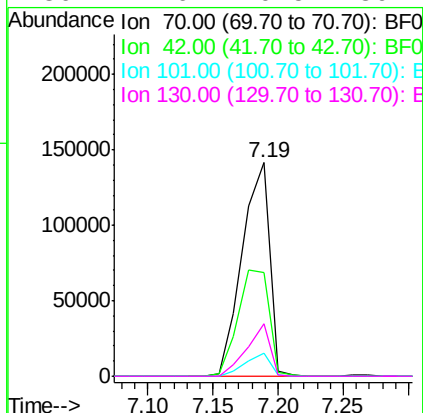




#19
n-Nitroso-di-n-propylamine
Concen: 46.68 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

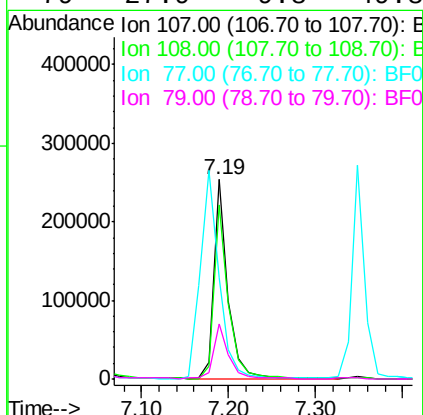
Instrument :
BNA_F
ClientSampleId :
NC-003MS

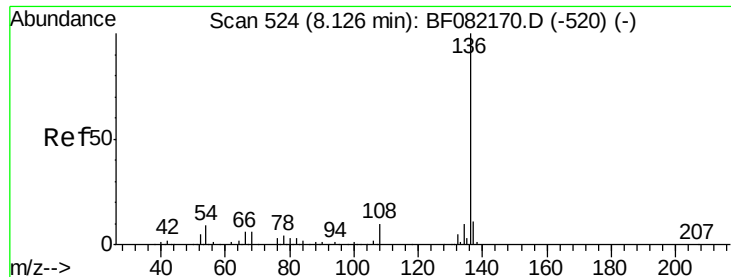
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.8	39.8	59.8	
101	10.5	8.6	13.0	
130	24.6	20.5	30.7	



#20
3+4-Methylphenols
Concen: 51.38 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	69.9	109.9	
77	50.9	106.0	146.0	
79	27.9	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: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

Tot Ion:136 Resp: 386027

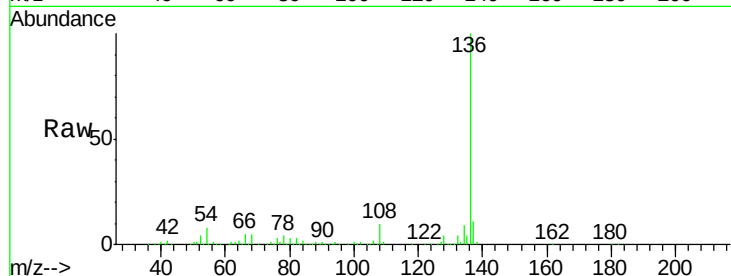
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 7.5 7.5 11.3

68 5.0 4.6 7.0

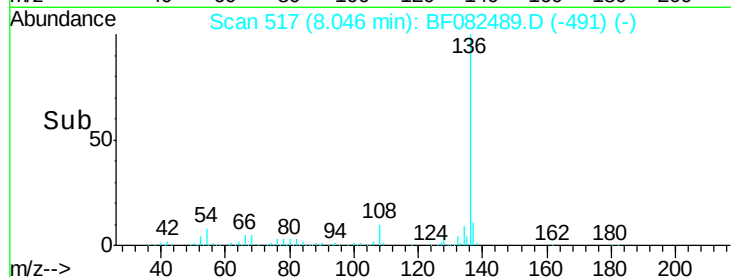


Abundance Ion 136.00 (135.70 to 136.70): E

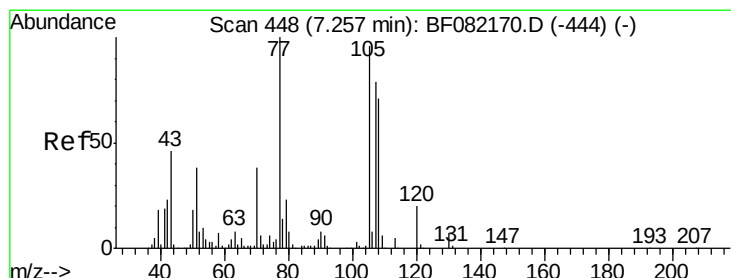
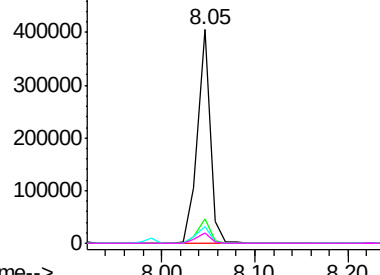
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 52.76 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Tgt Ion:105 Resp: 402857

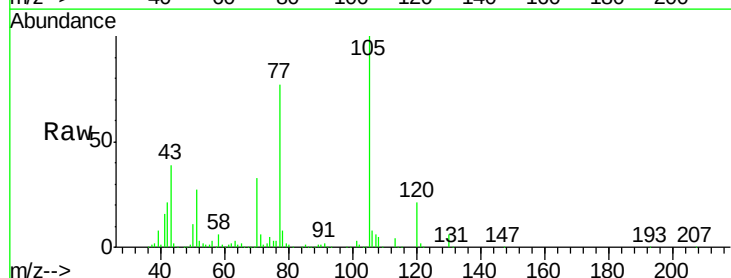
Ion Ratio Lower Upper

105 100

71 5.6 5.4 8.0

51 27.2 31.8 47.6#

120 21.4 16.3 24.5

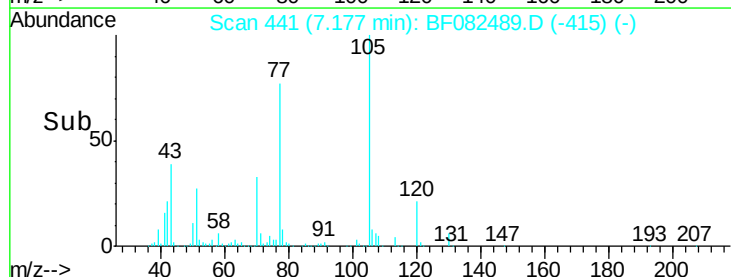


Abundance Ion 105.00 (104.70 to 105.70): E

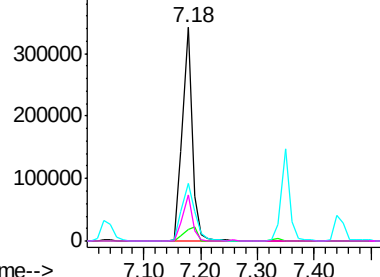
Ion 71.00 (70.70 to 71.70): BF0

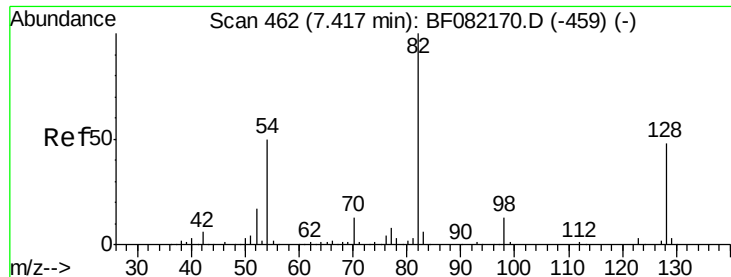
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

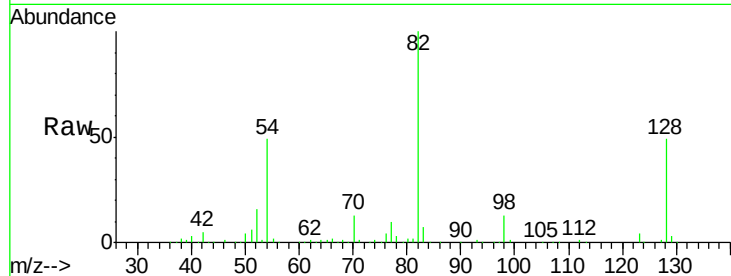




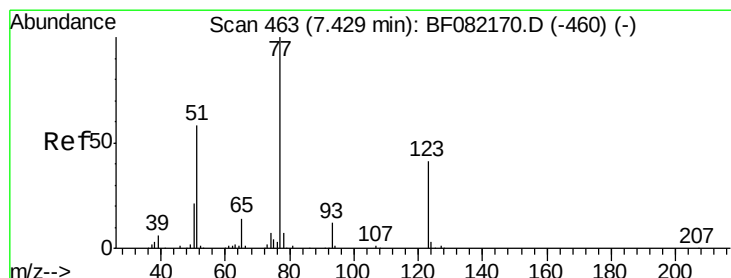
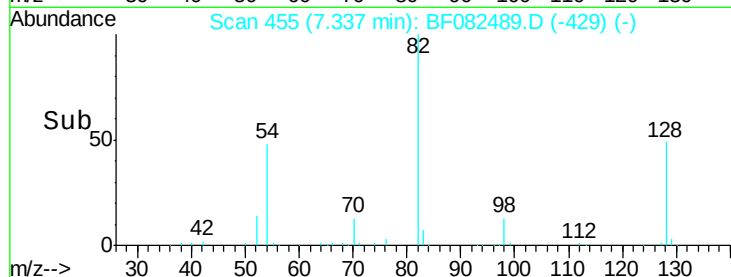
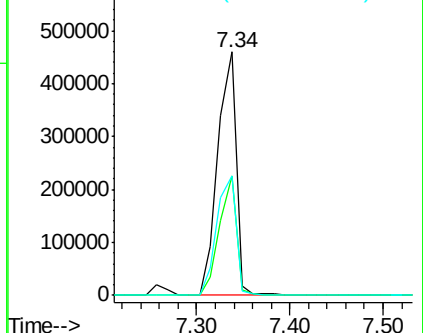
#23
 Nitrobenzene-d5
 Concen: 110.84 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

Tot Ion: 82 Resp: 637142
 Ion Ratio Lower Upper
 82 100
 128 49.0 38.7 58.1
 54 48.9 40.1 60.1

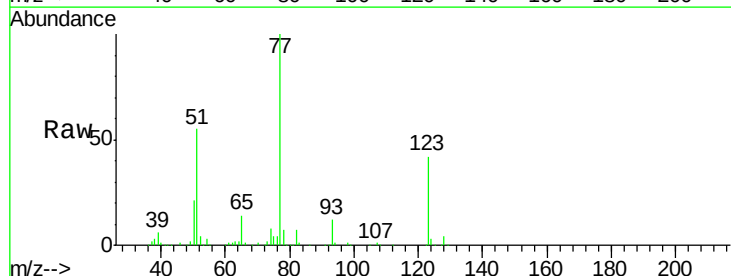


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

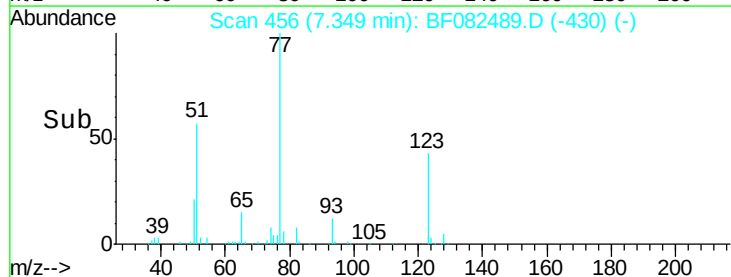
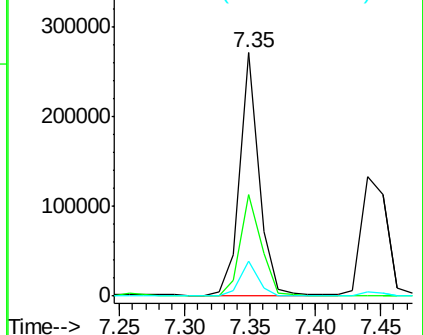


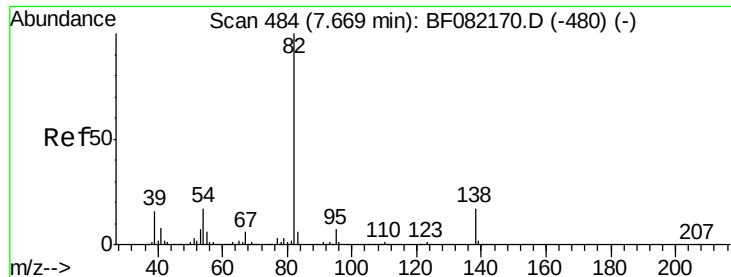
#24
 Nitrobenzene
 Concen: 44.22 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion: 77 Resp: 275142
 Ion Ratio Lower Upper
 77 100
 123 41.5 33.0 49.4
 65 14.1 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: 47.55 ng

RT: 7.59 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

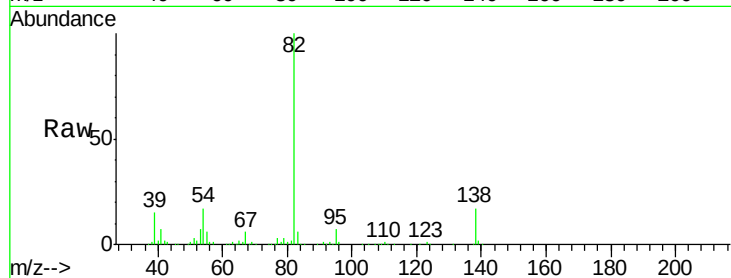
Tot Ion: 82 Resp: 551705

Ion Ratio Lower Upper

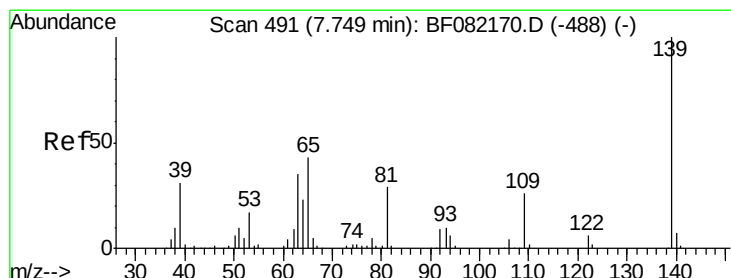
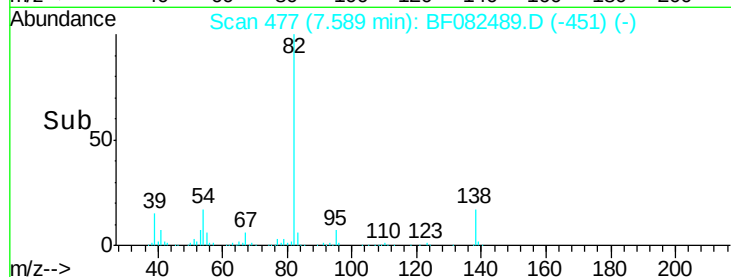
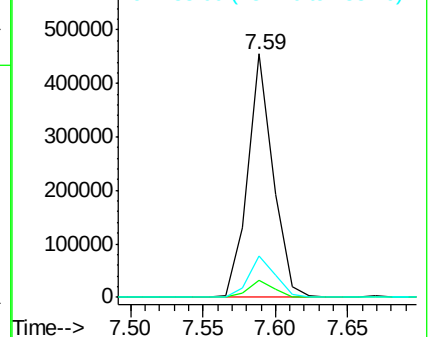
82 100

95 7.2 5.6 8.4

138 17.2 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: 53.53 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

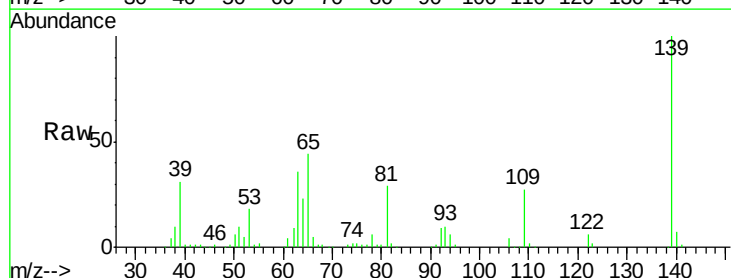
Tgt Ion: 139 Resp: 166325

Ion Ratio Lower Upper

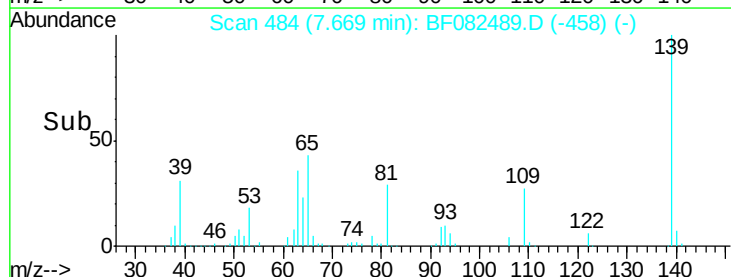
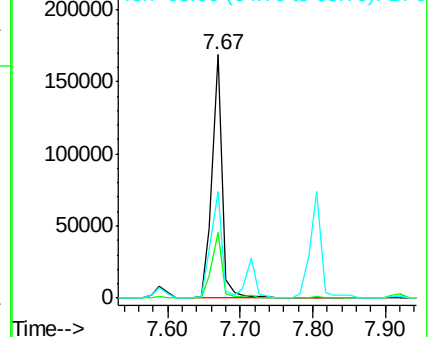
139 100

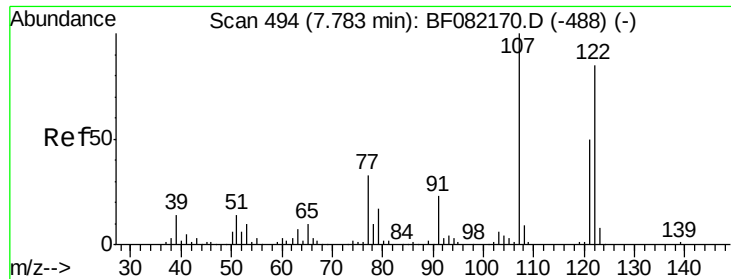
109 27.2 20.6 31.0

65 43.6 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 50.87 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

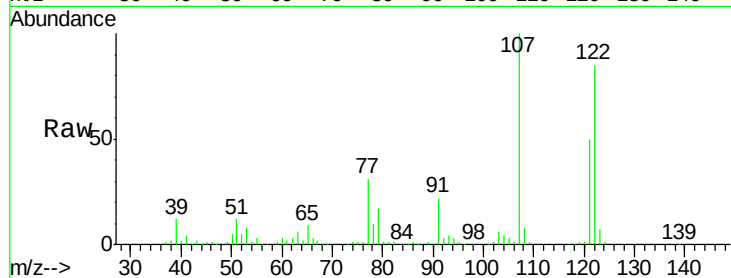
Tot Ion:122 Resp: 254627

Ion Ratio Lower Upper

122 100

107 117.2 94.0 141.0

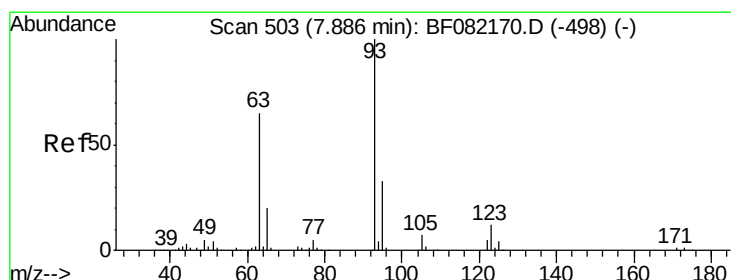
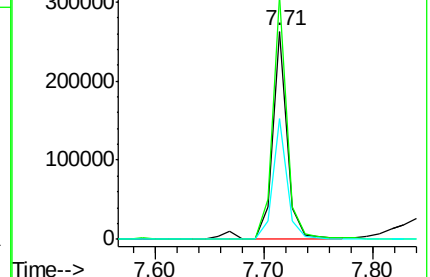
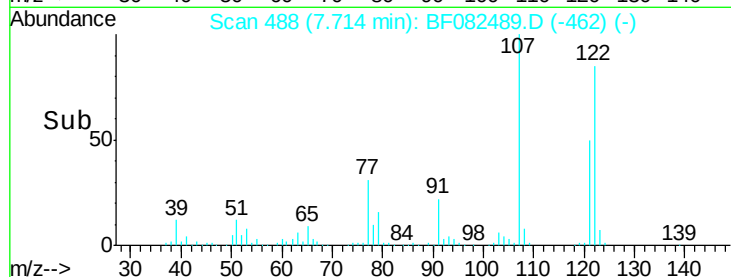
121 58.3 46.8 70.2



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: 53.67 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

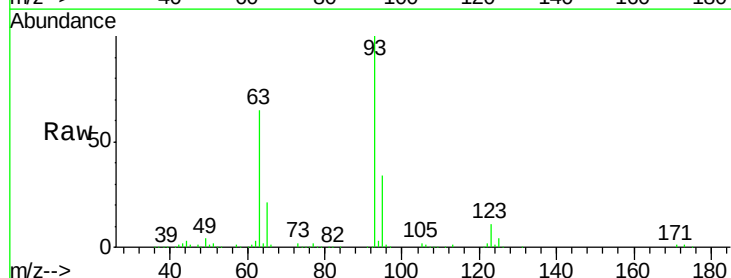
Tgt Ion: 93 Resp: 362310

Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

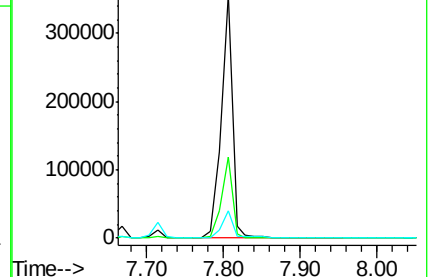
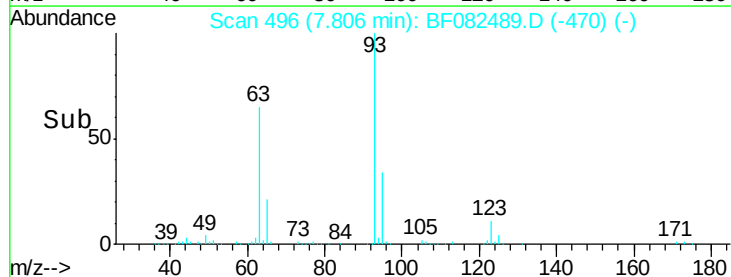
123 11.3 9.5 14.3

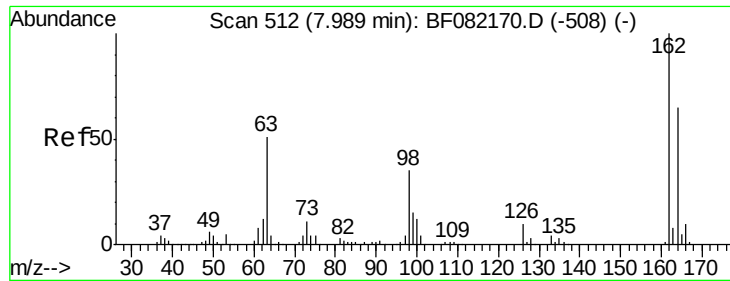


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

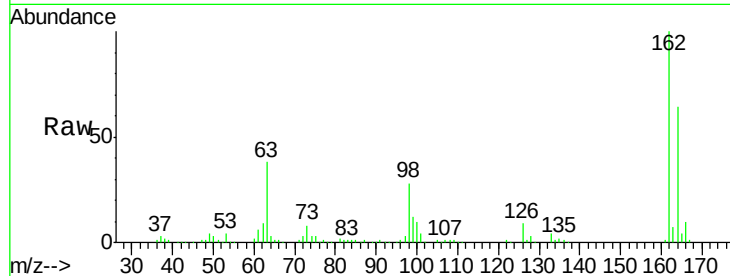




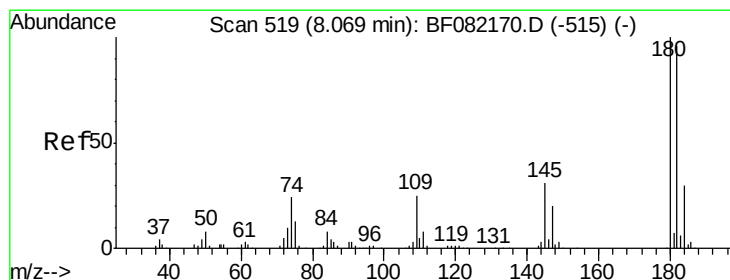
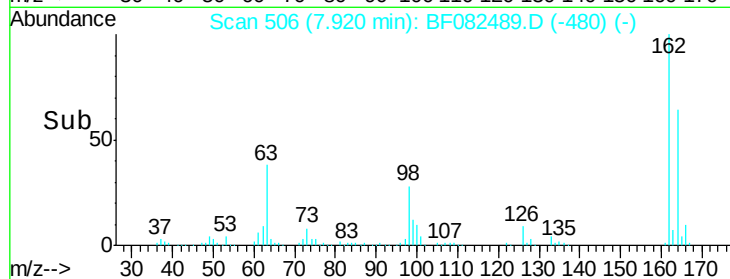
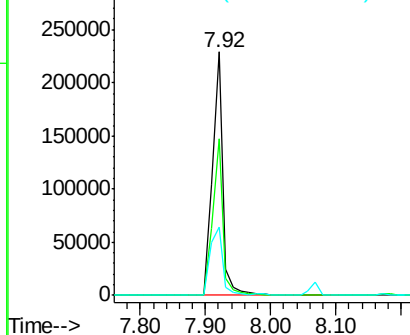
#29
 2,4-Dichlorophenol
 Concen: 52.00 ng
 RT: 7.92 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	27.9	15.0	55.0

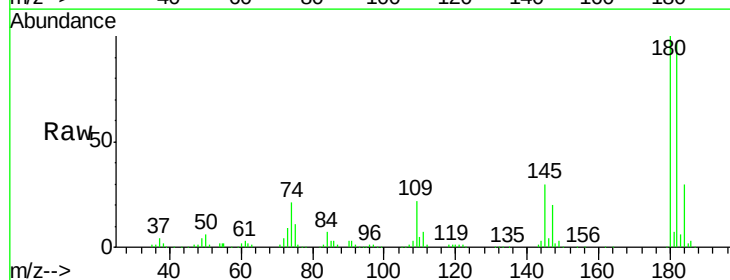


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

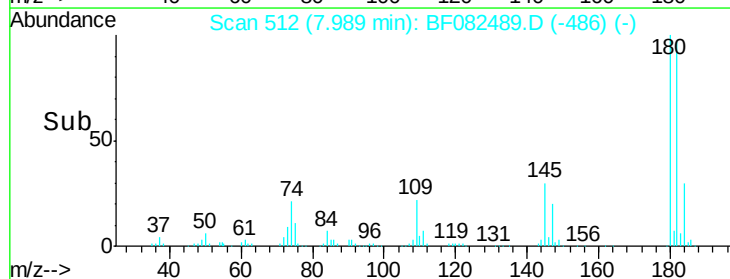
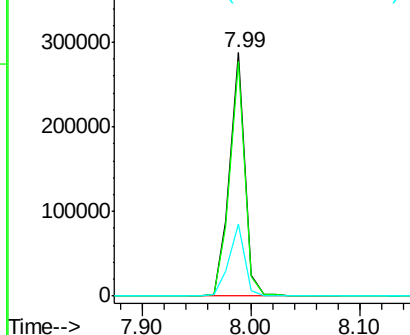


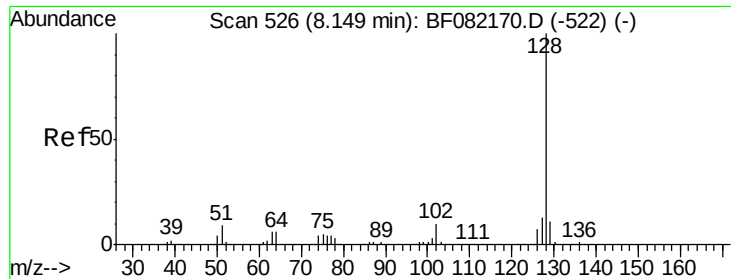
#30
 1,2,4-Trichlorobenzene
 Concen: 48.53 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.0	115.4
145	29.7	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

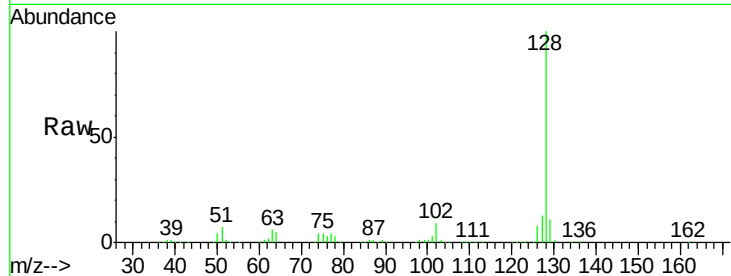




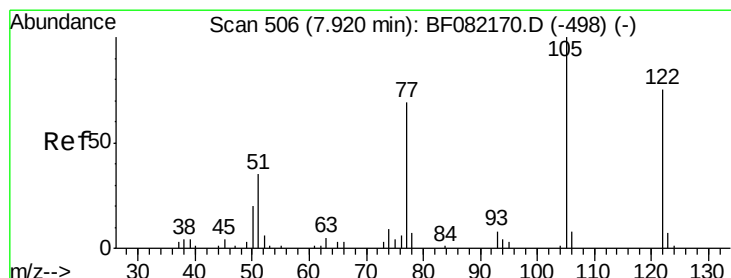
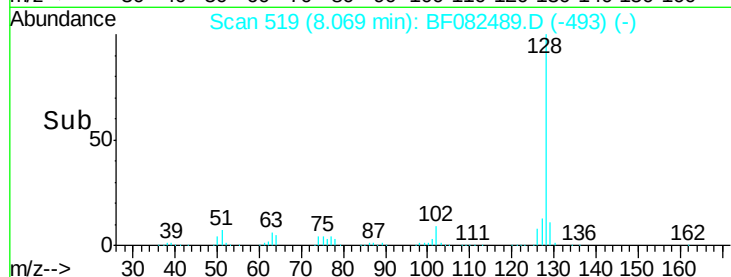
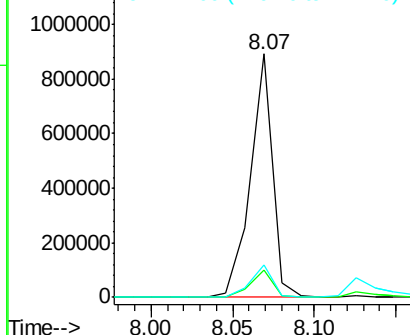
#31
Naphthalene
Concen: 50.31 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
NC-003MS

Tot Ion:128 Resp: 841817
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.5 10.7 16.1

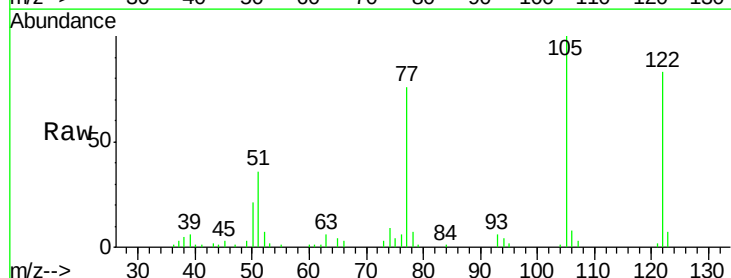


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

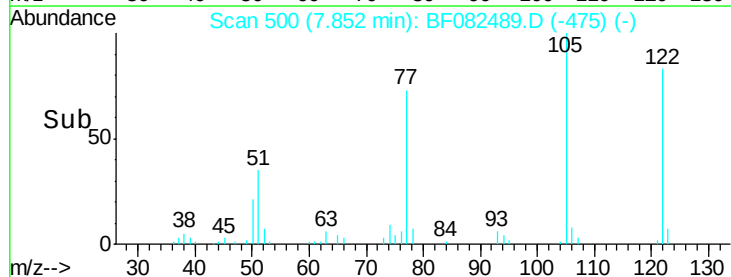
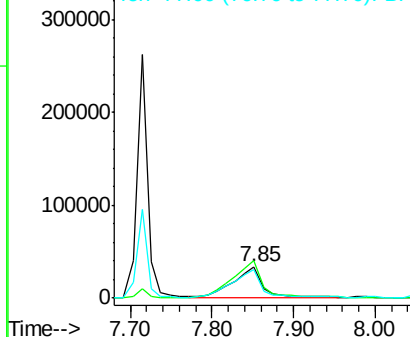


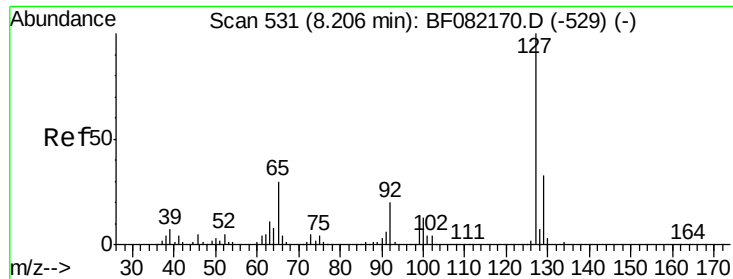
#32
Benzoic acid
Concen: 24.50 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:122 Resp: 82309
Ion Ratio Lower Upper
122 100
105 120.4 104.4 144.4
77 91.4 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

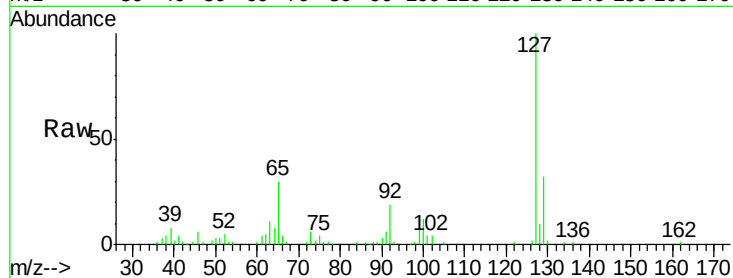




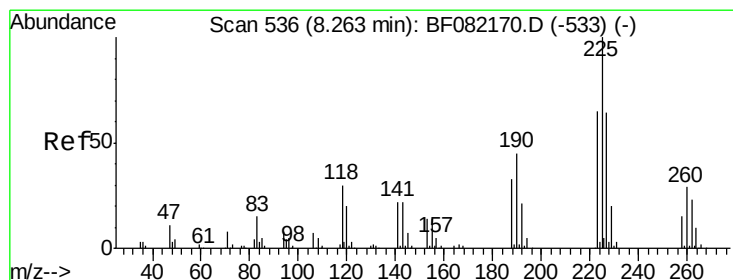
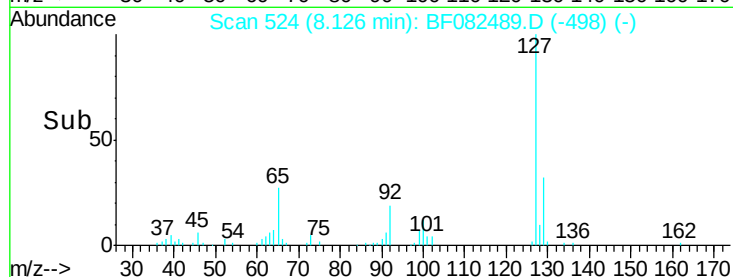
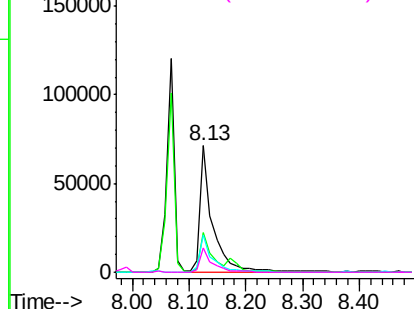
#33
4-Chloroaniline
Concen: 15.49 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
NC-003MS

Tot Ion:	127	Resp:	107640
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	29.6	24.4	36.6
92	18.8	15.7	23.5

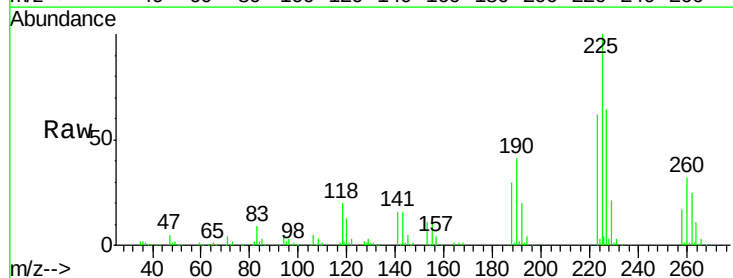


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

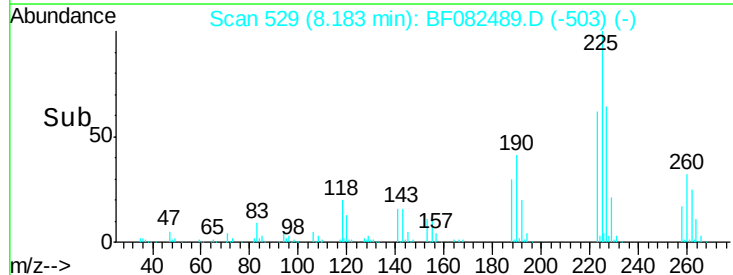
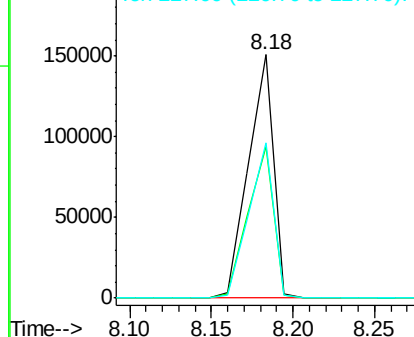


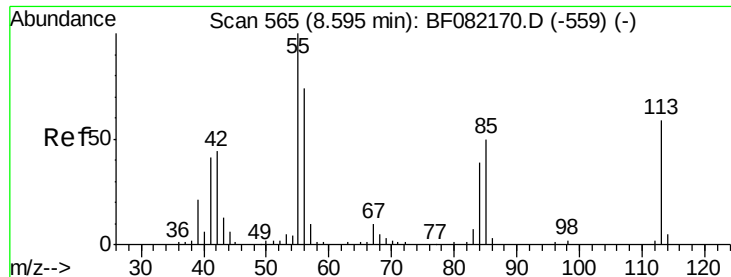
#34
Hexachlorobutadiene
Concen: 44.86 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:	225	Resp:	161204
Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.2	78.2
227	63.9	51.3	76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.52 ng

RT: 8.51 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

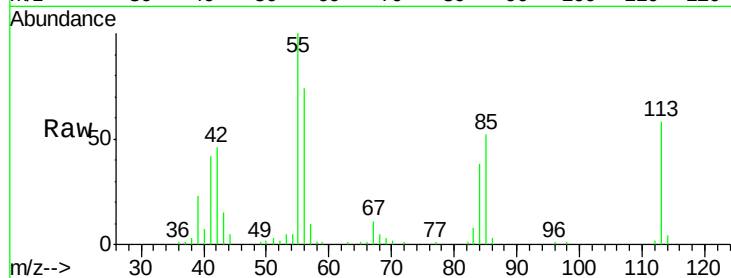
Tot Ion:113 Resp: 53028

Ion Ratio Lower Upper

113 100

55 172.3 149.7 189.7

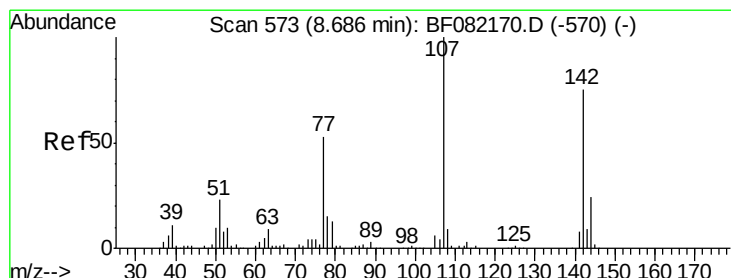
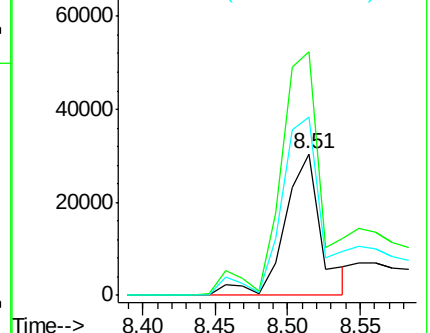
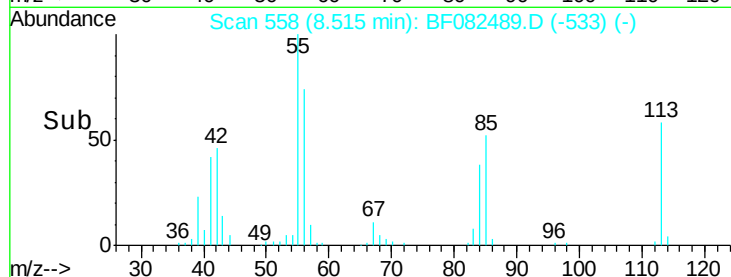
56 126.7 105.4 145.4



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: 54.61 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

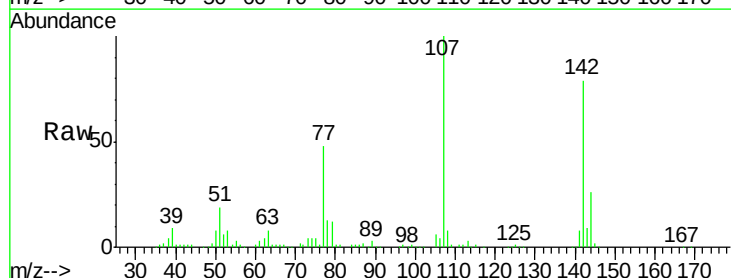
Tgt Ion:107 Resp: 267240

Ion Ratio Lower Upper

107 100

144 25.9 19.3 28.9

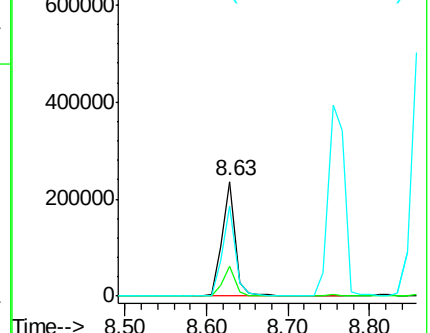
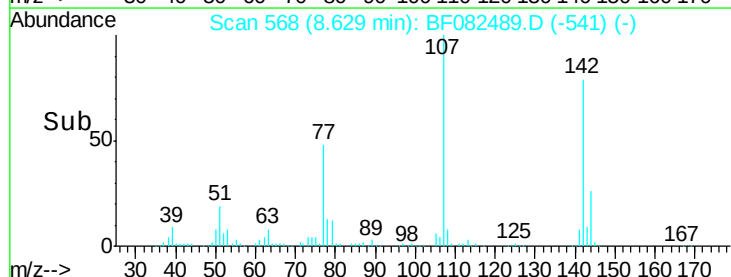
142 79.0 59.9 89.9

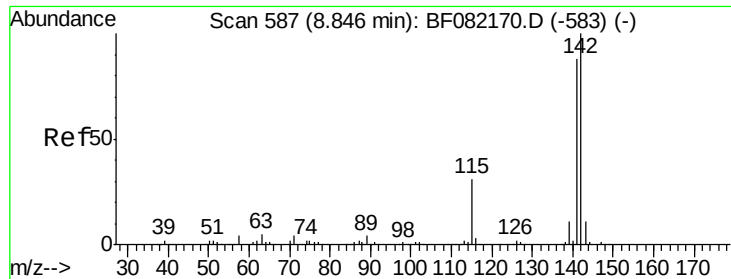


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

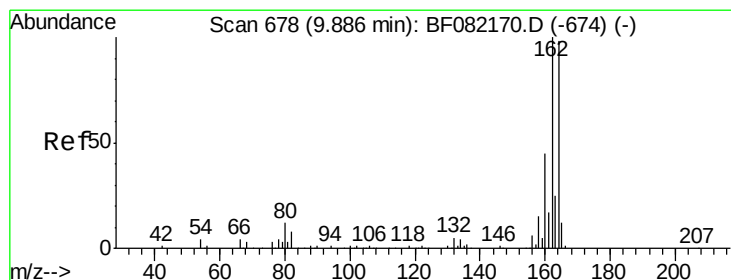
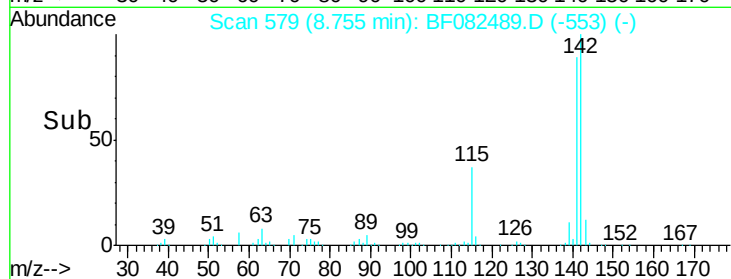
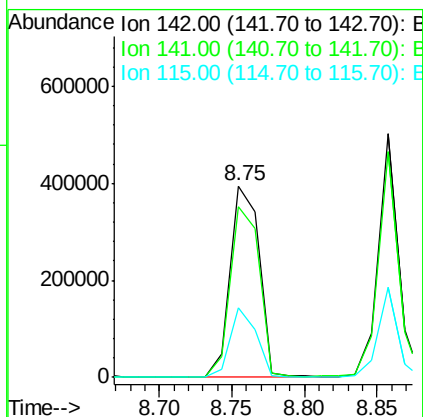
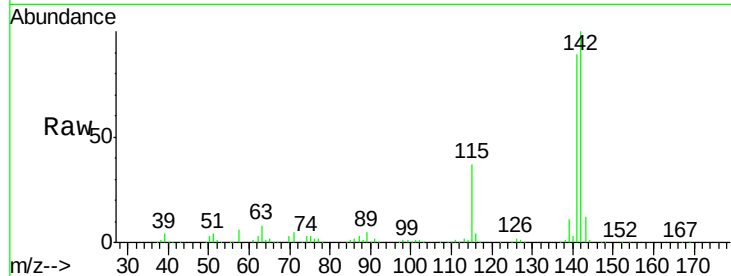




#37
2-Methylnaphthalene
Concen: 47.26 ng
RT: 8.75 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

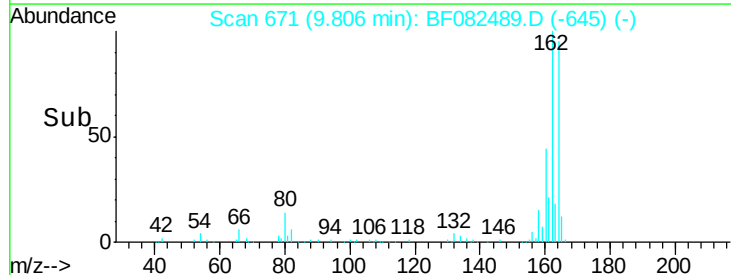
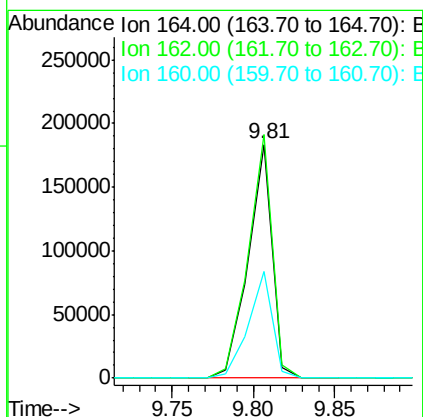
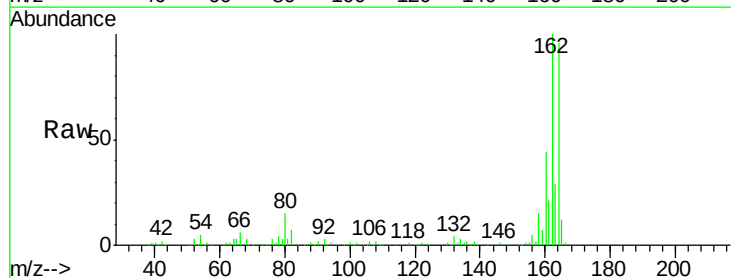
Instrument :
BNA_F
ClientSampleId :
NC-003MS

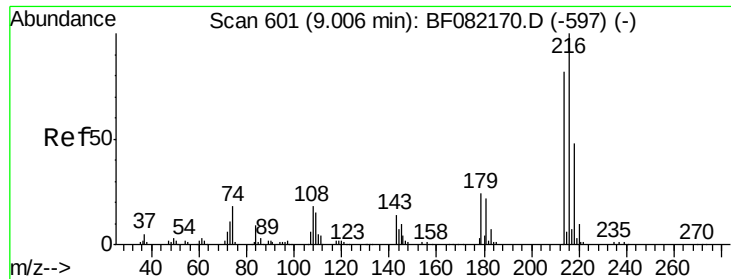
Tot Ion:142 Resp: 548305
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6
115 36.5 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:164 Resp: 187449
Ion Ratio Lower Upper
164 100
162 104.3 81.6 122.4
160 45.8 36.4 54.6

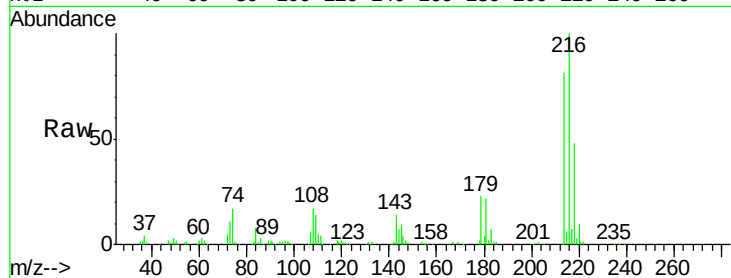




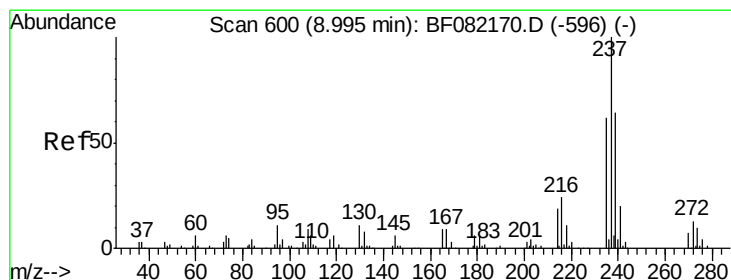
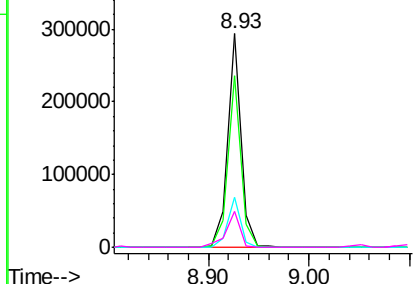
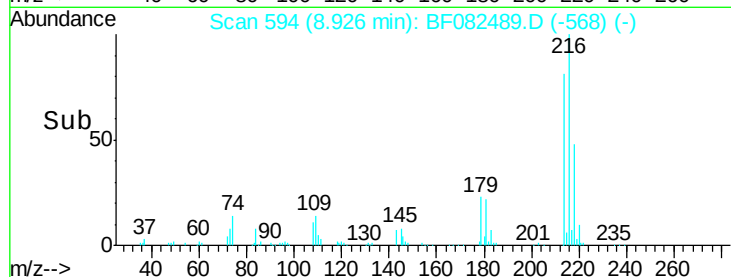
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.55 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

Tot Ion:216	Resp:	270711
Ion Ratio	Lower	Upper
216	100	
214	79.0	64.6 97.0
179	22.1	17.6 26.4
108	17.8	14.5 21.7

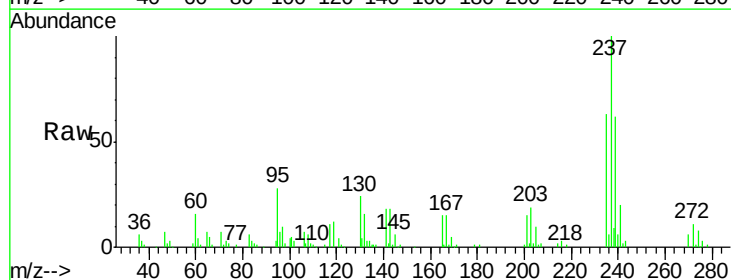


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

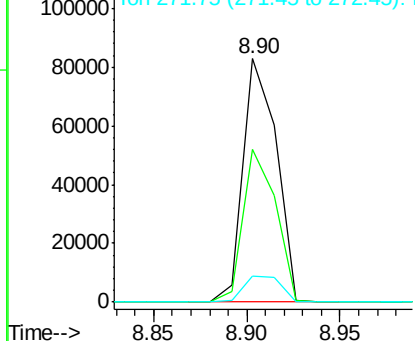
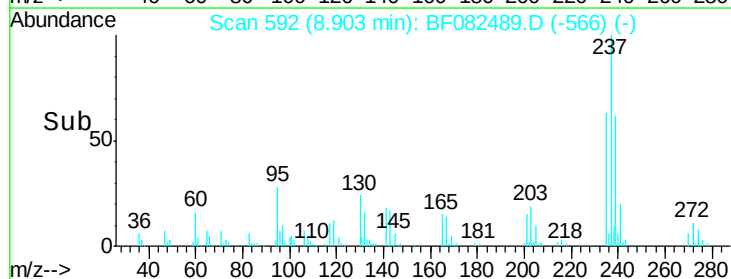


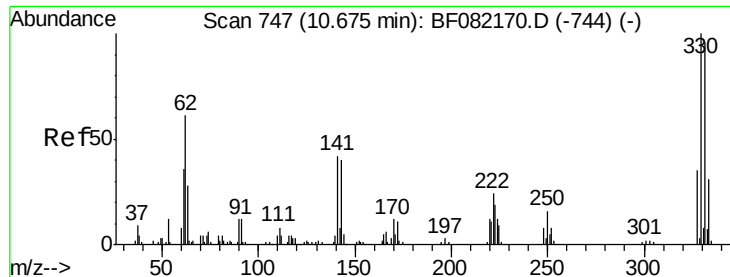
#40
 Hexachlorocyclopentadiene
 Concen: 40.87 ng
 RT: 8.90 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion:237	Resp:	102529
Ion Ratio	Lower	Upper
237	100	
235	62.7	41.7 81.7
272	10.9	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

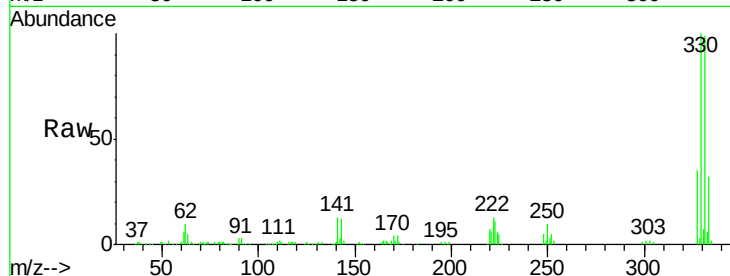




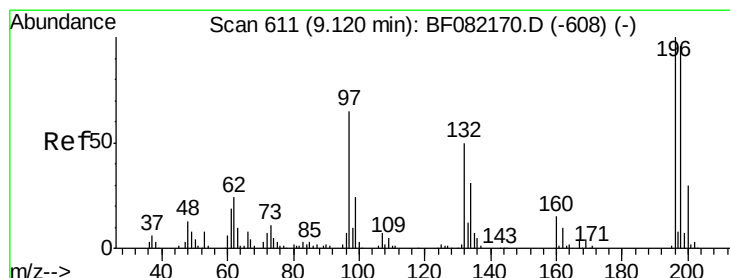
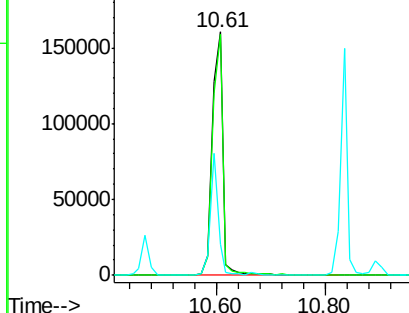
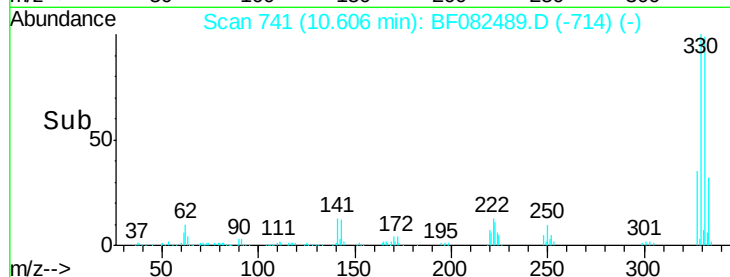
#41
 2,4,6-Tribromophenol
 Concen: 126.33 ng
 RT: 10.61 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

Tot Ion:330 Resp: 222081
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 37.1 29.8 44.8

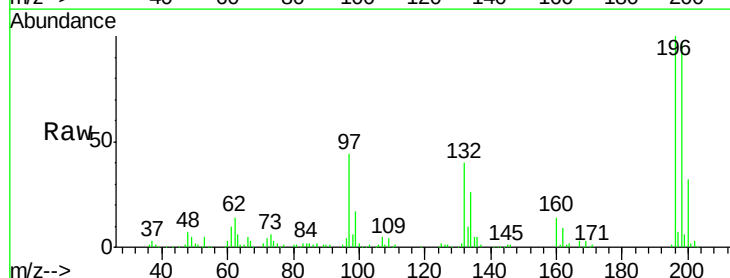


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

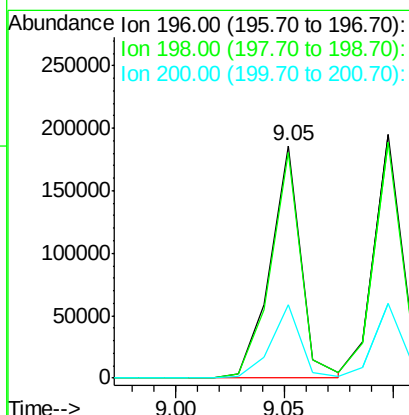
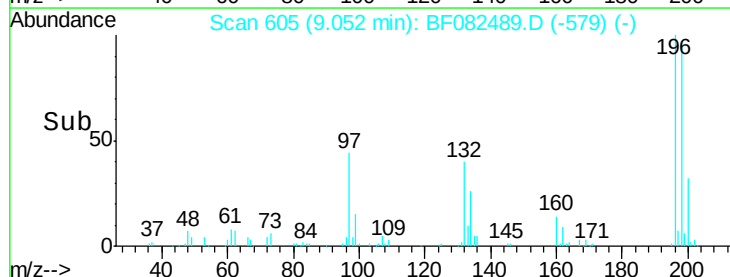


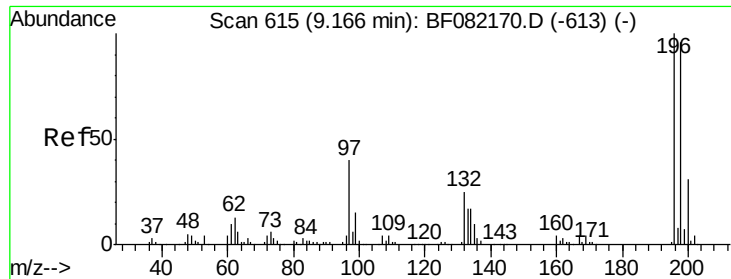
#42
 2,4,6-Trichlorophenol
 Concen: 49.52 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion:196 Resp: 183390
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.6 115.0
 200 31.7 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

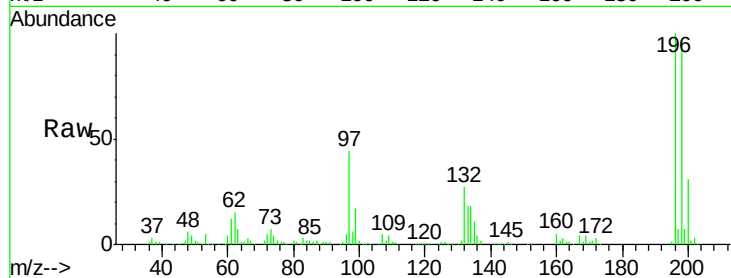




#43
 2,4,5-Trichlorophenol
 Concen: 47.01 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.0	115.4
97	43.6	31.9	47.9
132	27.0	20.3	30.5



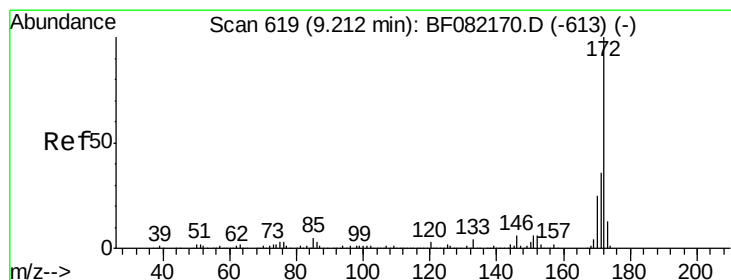
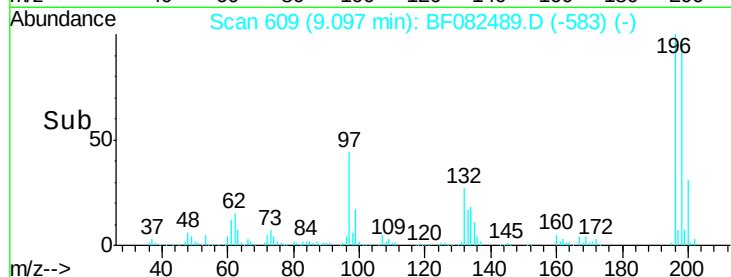
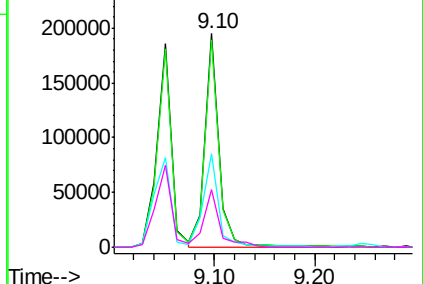
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

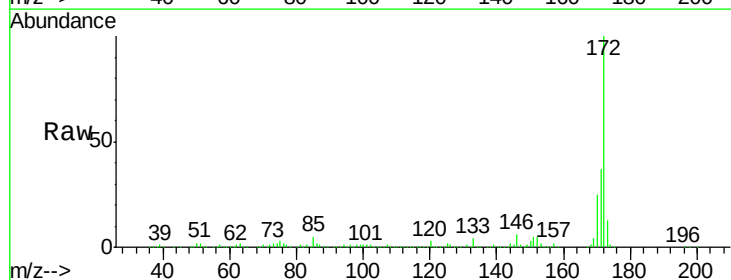
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 107.13 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.6	19.7	29.5

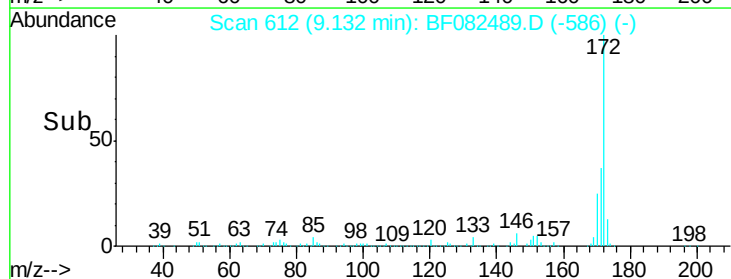
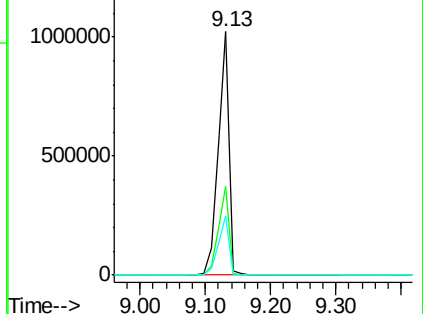


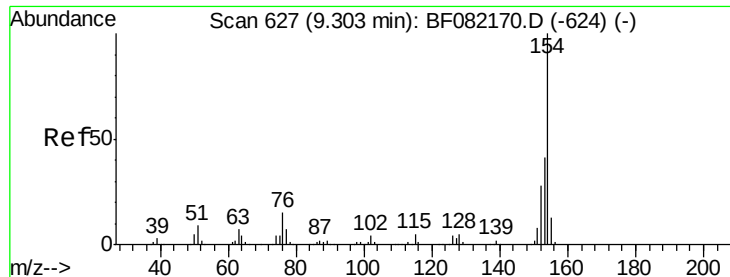
Abundance

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: 45.41 ng

RT: 9.22 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

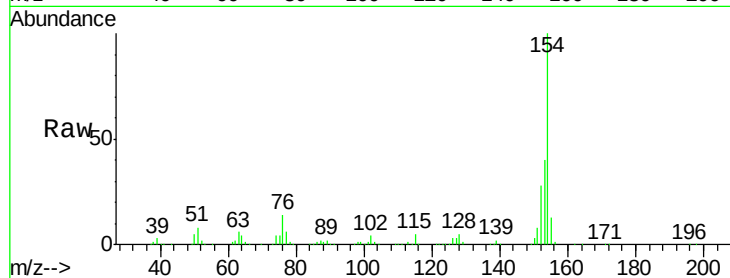
Tot Ion:154 Resp: 649142

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

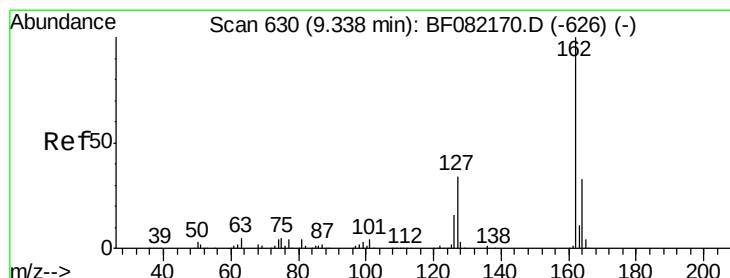
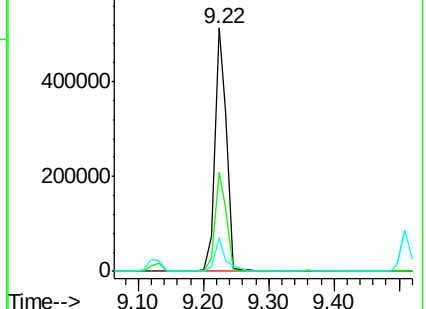
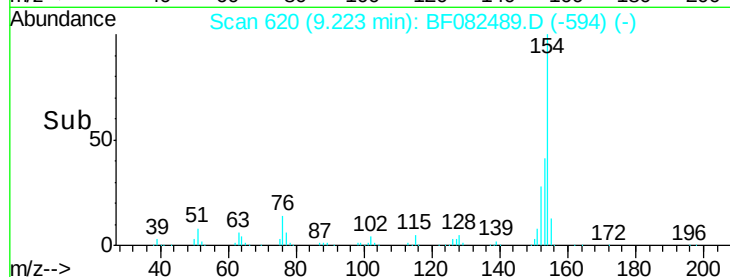
76 14.0 0.0 35.2



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: 46.09 ng

RT: 9.26 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

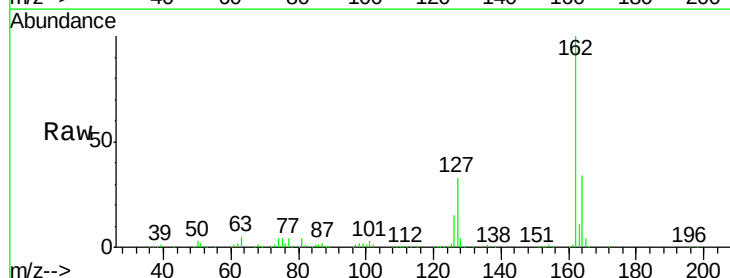
Tgt Ion:162 Resp: 518577

Ion Ratio Lower Upper

162 100

127 32.9 27.5 41.3

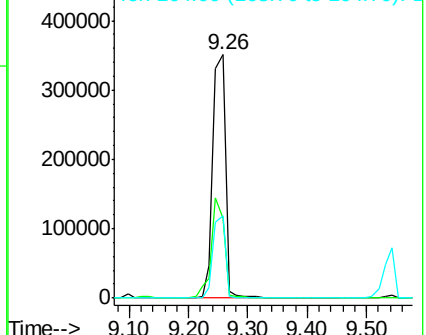
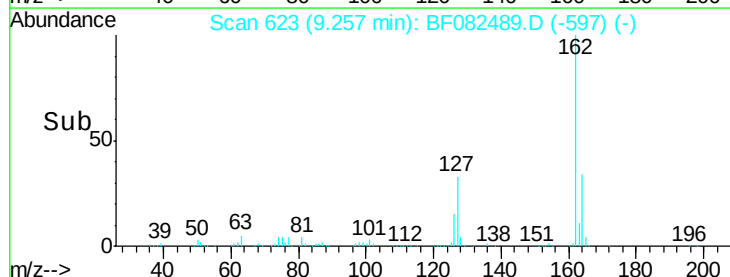
164 33.7 26.6 39.8

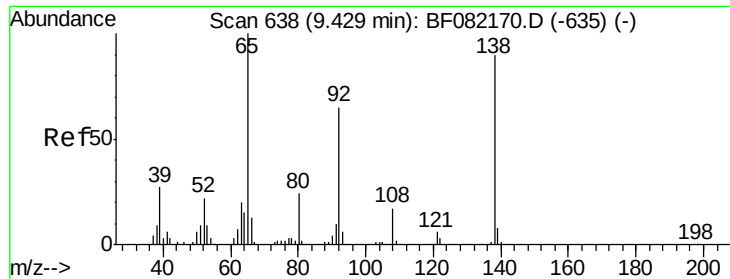


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.10 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

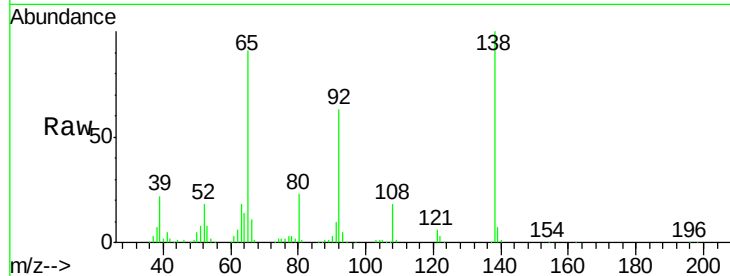
Tot Ion: 65 Resp: 164026

Ion Ratio Lower Upper

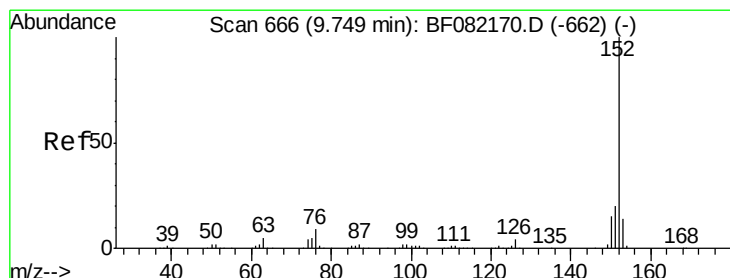
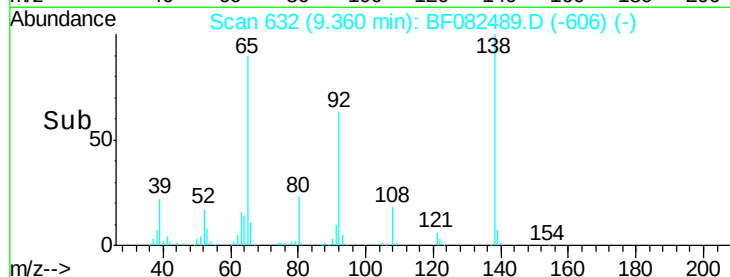
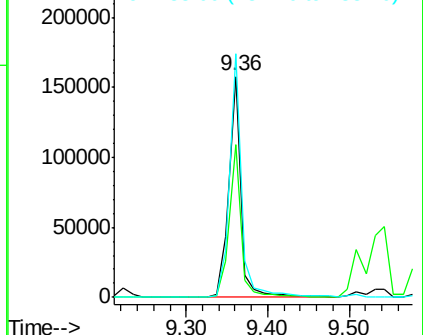
65 100

92 69.3 52.3 78.5

138 110.3 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): BF0



#48

Acenaphthylene

Concen: 48.64 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

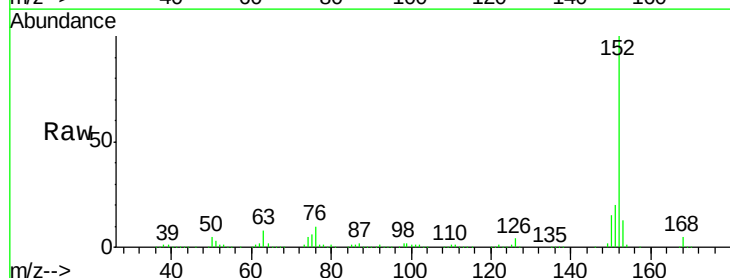
Tgt Ion: 152 Resp: 852578

Ion Ratio Lower Upper

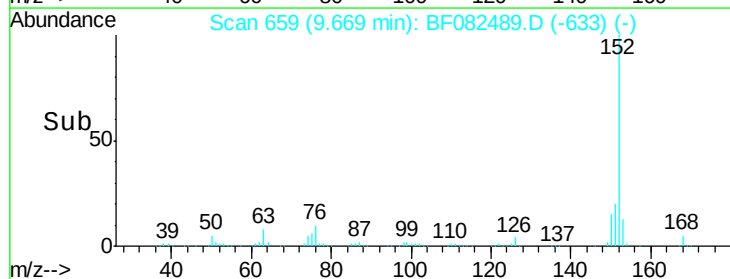
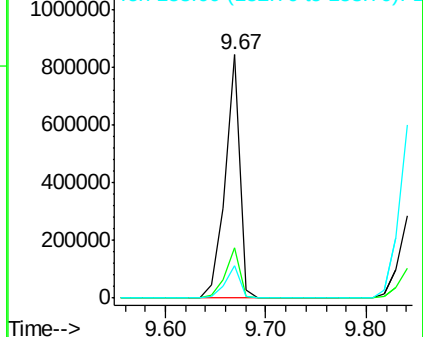
152 100

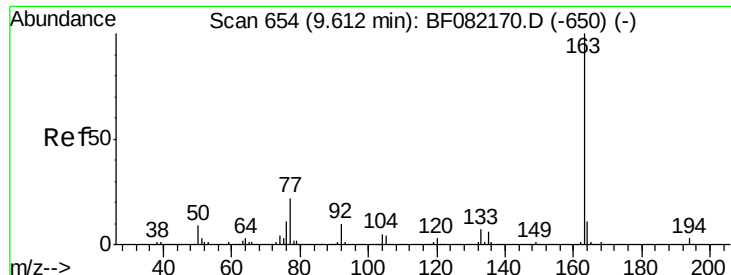
151 20.5 16.4 24.6

153 13.4 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: 68.71 ng

RT: 9.54 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

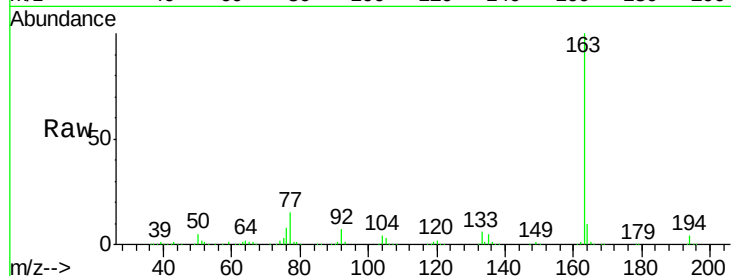
Tot Ion:163 Resp: 906907

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

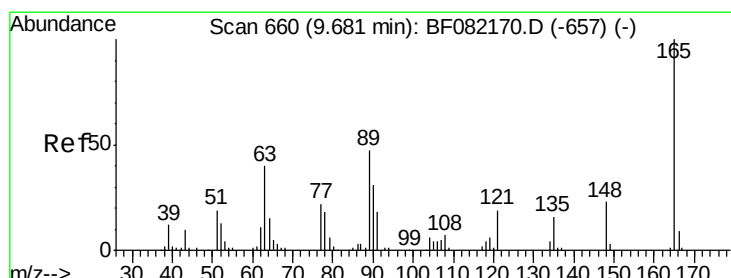
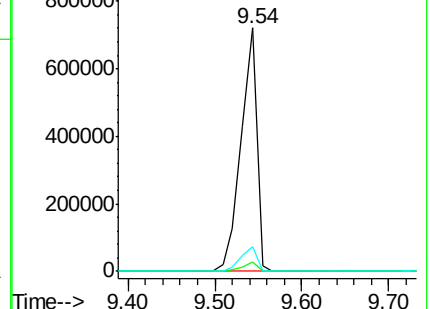
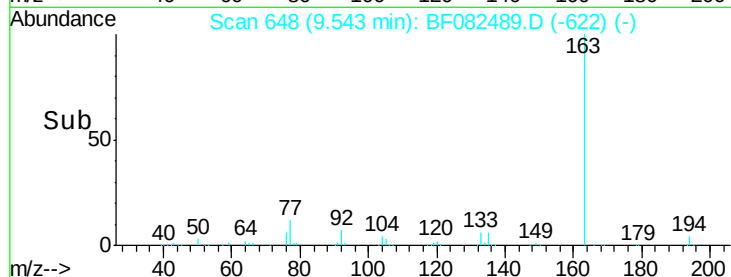
164 10.0 8.5 12.7



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: 46.29 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

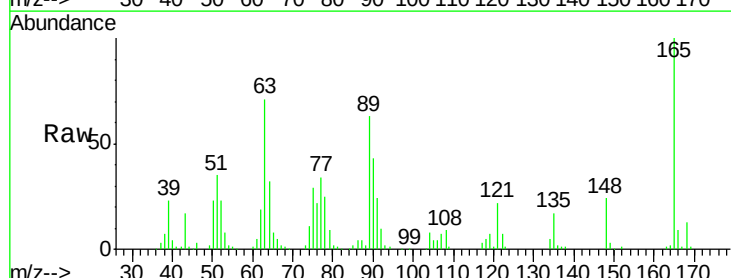
Tgt Ion:165 Resp: 128920

Ion Ratio Lower Upper

165 100

63 71.0 36.7 55.1#

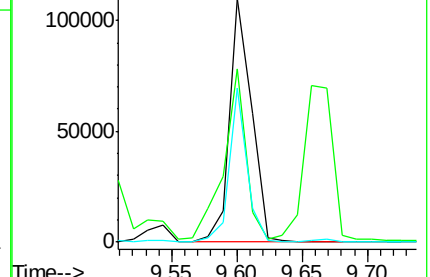
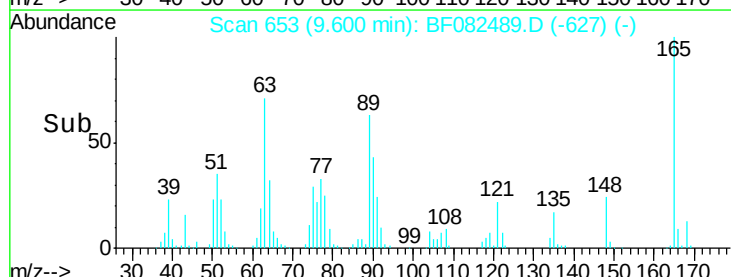
89 63.3 37.8 56.6#

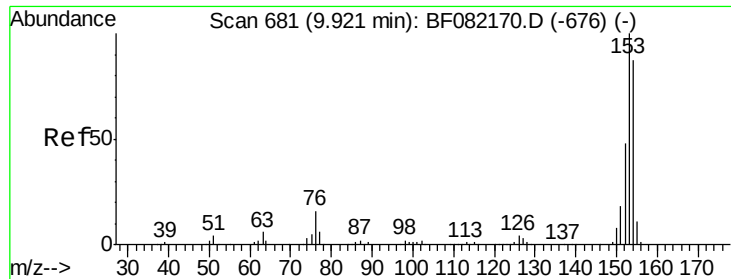


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.08 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

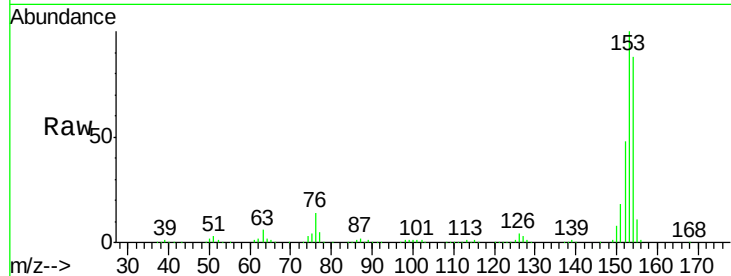
Tot Ion:154 Resp: 516438

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

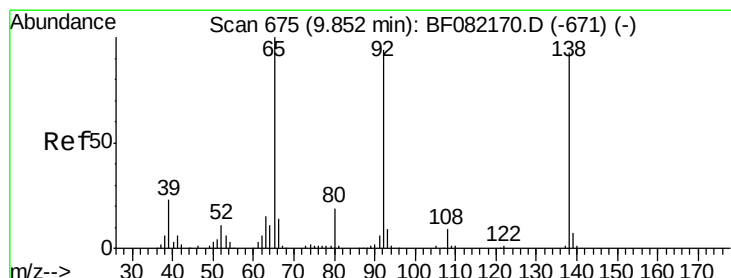
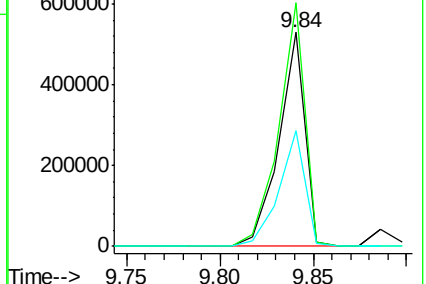
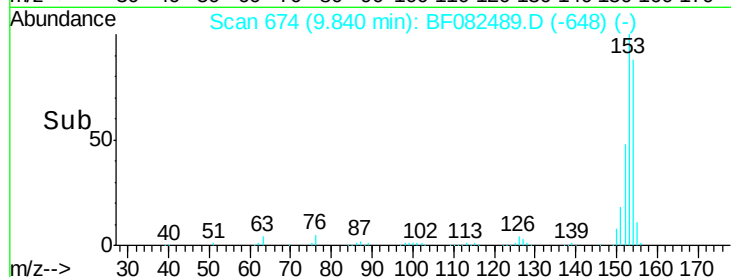
152 54.2 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.77 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

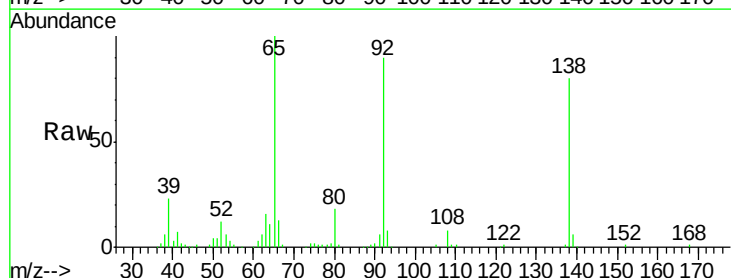
Tgt Ion:138 Resp: 87370

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

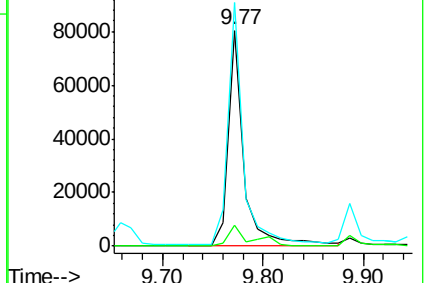
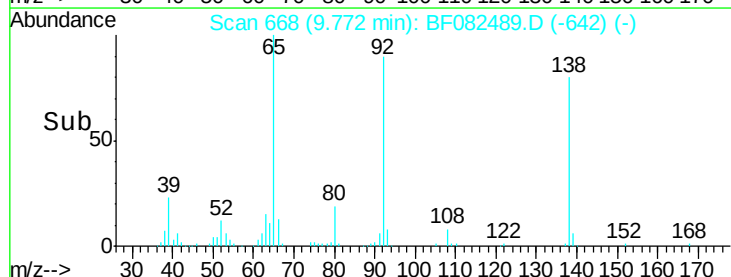
92 112.9 81.3 121.9

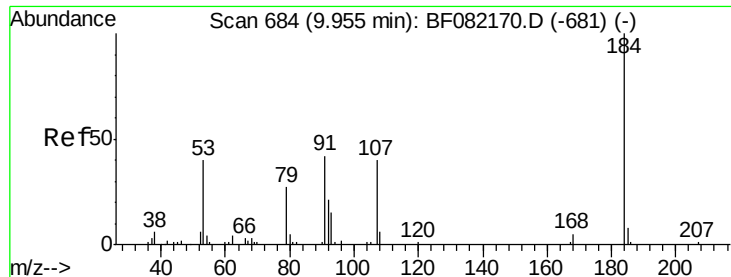


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

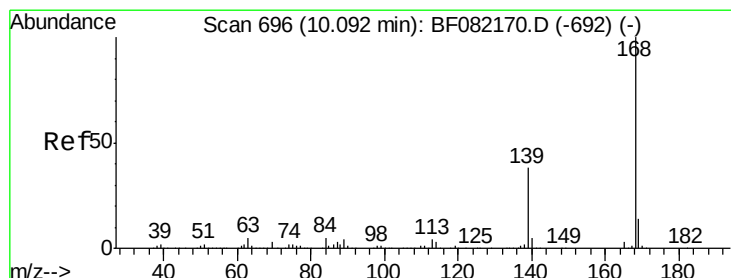
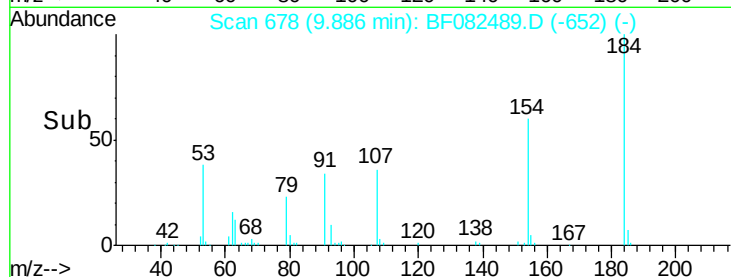
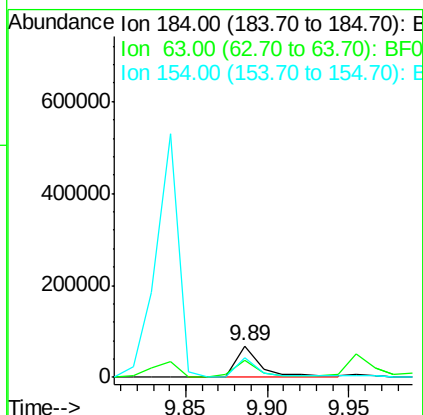
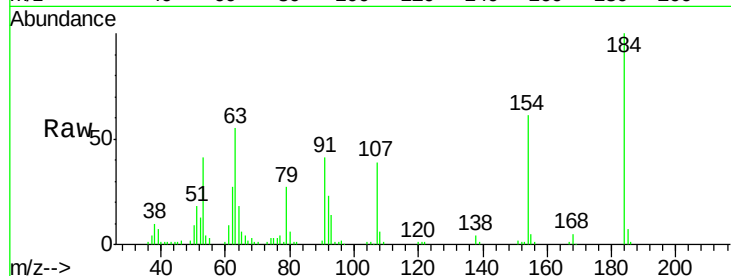




#53
2,4-Dinitrophenol
Concen: 50.64 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

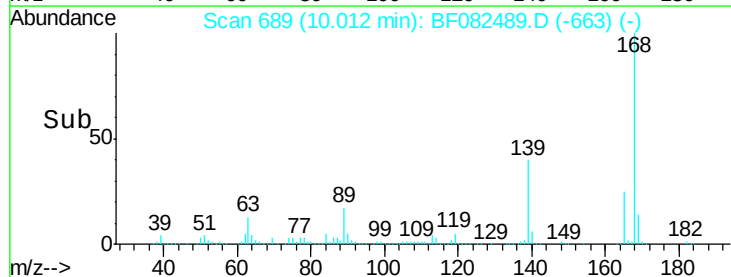
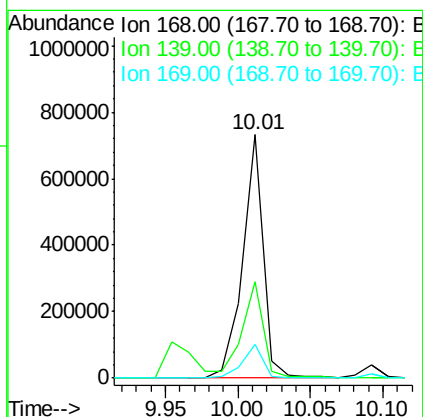
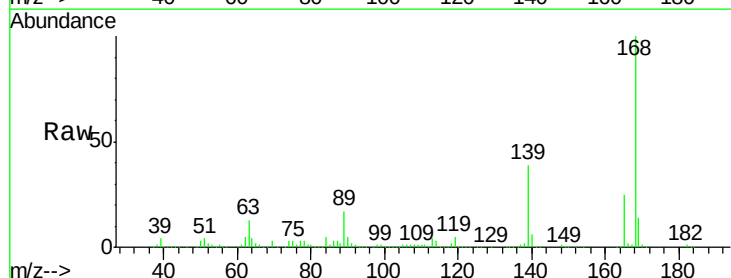
Instrument :
BNA_F
ClientSampleID :
NC-003MS

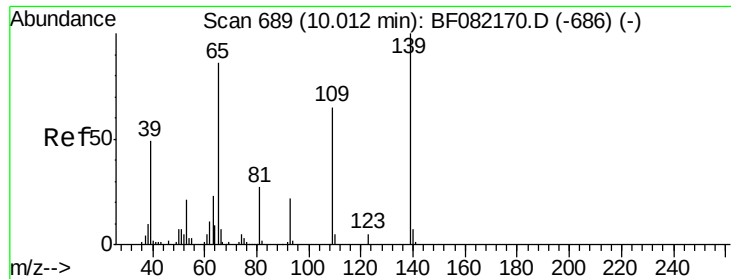
Tot Ion:184 Resp: 74842
Ion Ratio Lower Upper
184 100
63 55.2 45.1 67.7
154 60.7 51.2 76.8



#54
Dibenzofuran
Concen: 49.79 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:168 Resp: 719284
Ion Ratio Lower Upper
168 100
139 39.5 31.0 46.6
169 13.9 10.9 16.3





#55

4-Nitrophenol

Concen: 69.24 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

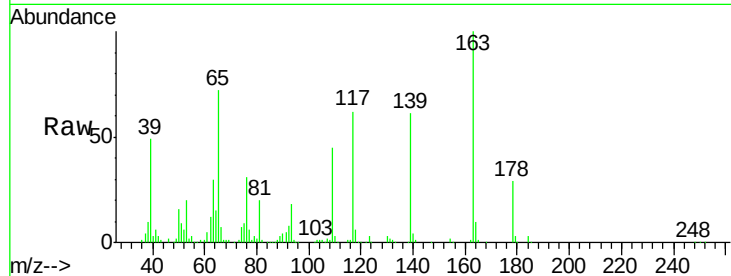
Tot Ion:139 Resp: 142365

Ion Ratio Lower Upper

139 100

109 73.4 44.8 84.8

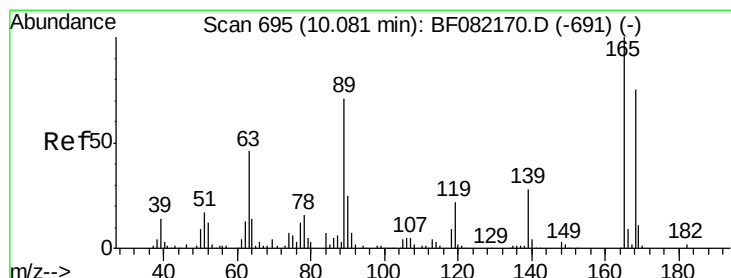
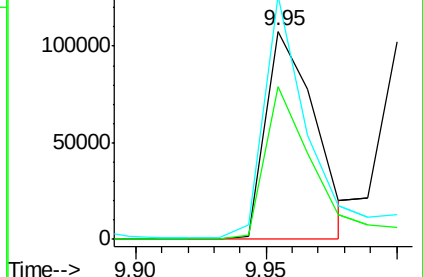
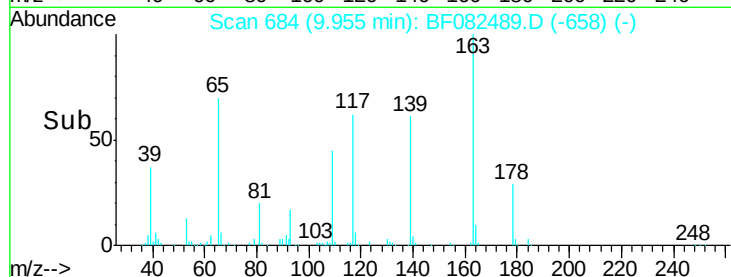
65 116.9 67.7 107.7#



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: 54.69 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Tgt Ion:165 Resp: 190366

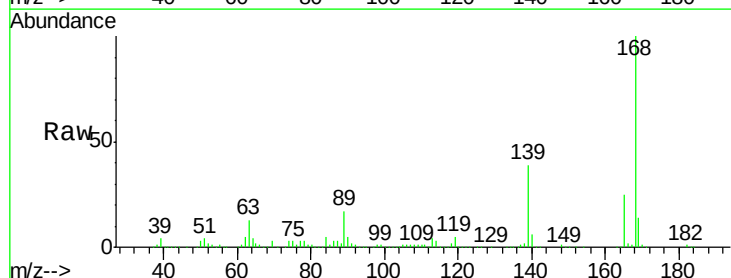
Ion Ratio Lower Upper

165 100

63 51.4 38.6 58.0

89 67.6 57.0 85.6

182 2.3 1.8 2.6

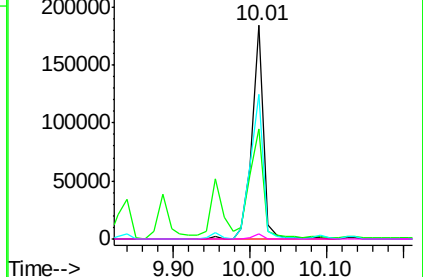
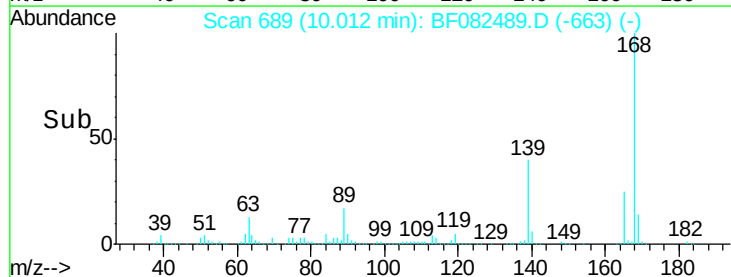


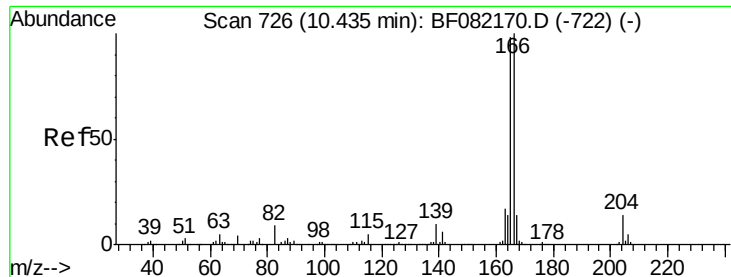
Abundance Ion 165.00 (164.70 to 165.70): E

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

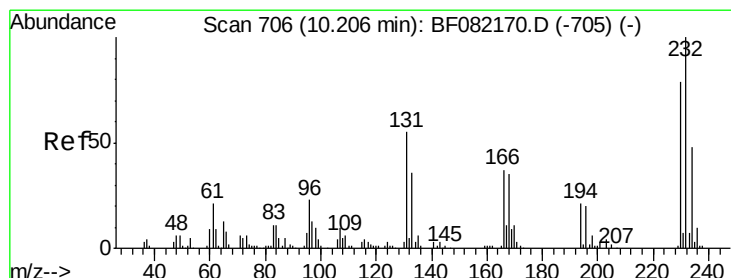
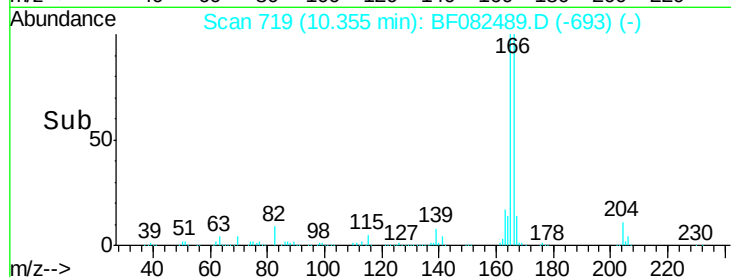
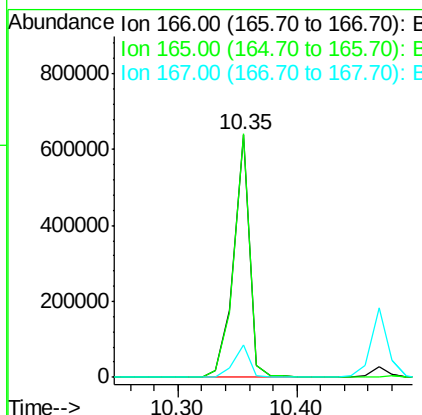
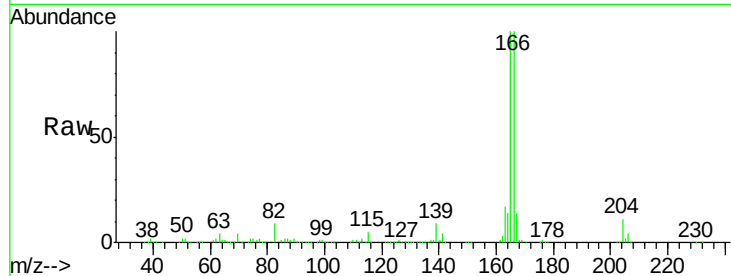




#57
 Fluorene
 Concen: 50.72 ng
 RT: 10.35 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

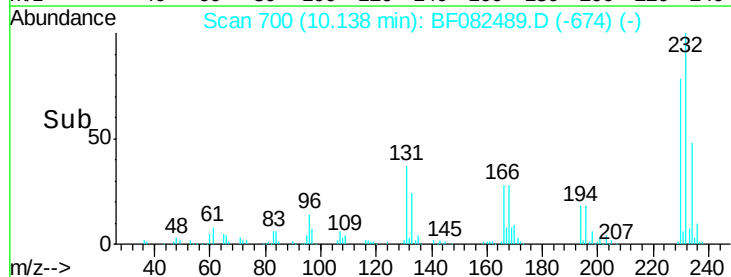
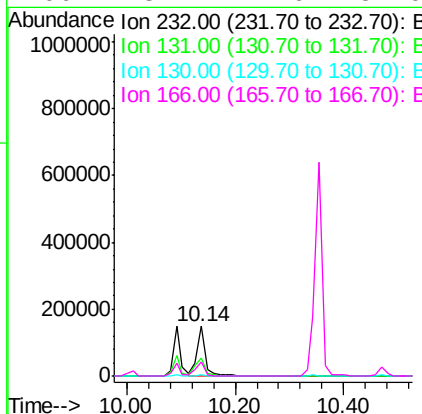
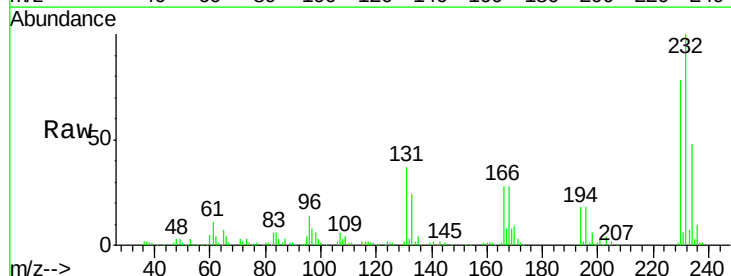
Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

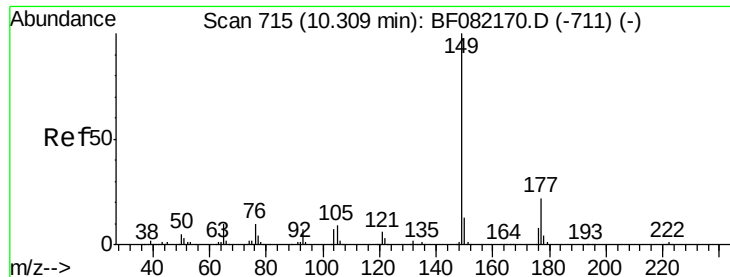
Tot Ion:166 Resp: 601812
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.3 117.5
 167 13.6 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.10 ng
 RT: 10.14 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion:232 Resp: 157669
 Ion Ratio Lower Upper
 232 100
 131 42.4 36.6 54.8
 130 1.8 1.5 2.3
 166 28.4 24.6 37.0

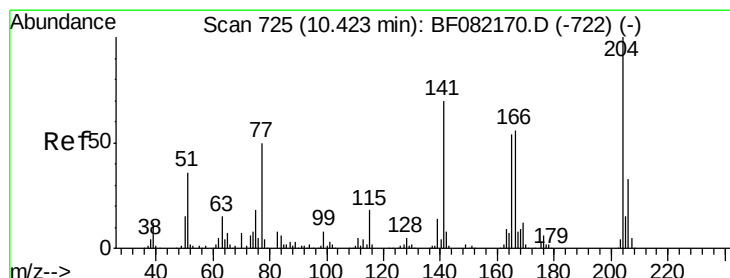
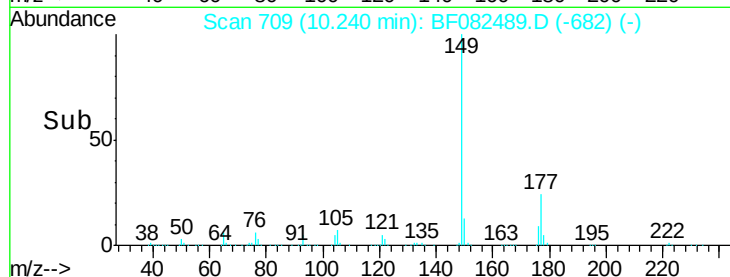
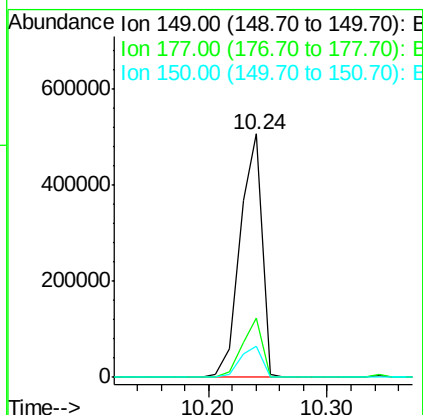
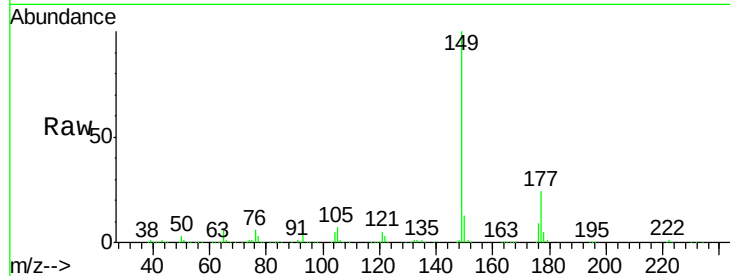




#59
Diethylphthalate
Concen: 53.03 ng
RT: 10.24 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

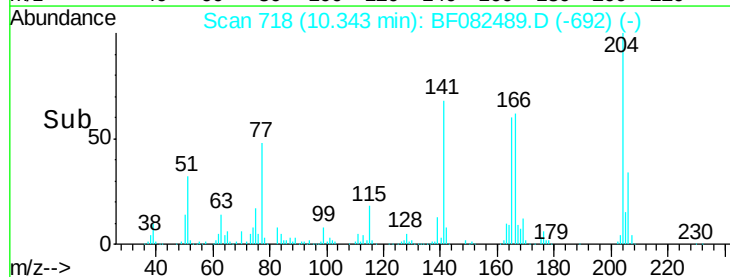
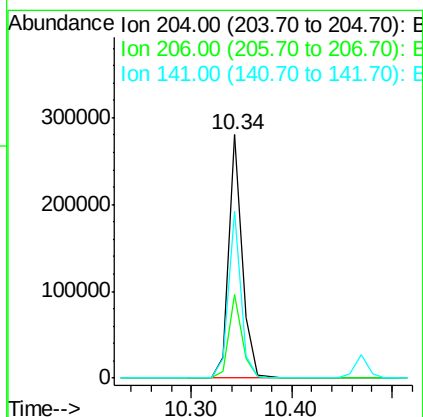
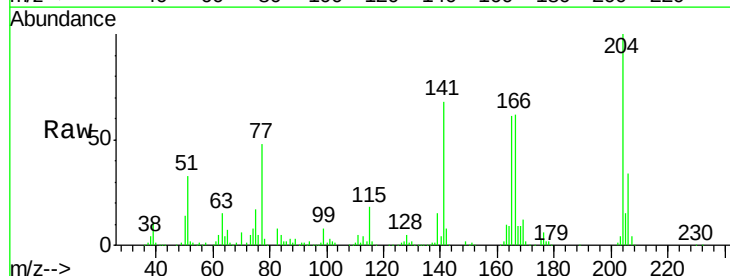
Instrument :
BNA_F
ClientSampleId :
NC-003MS

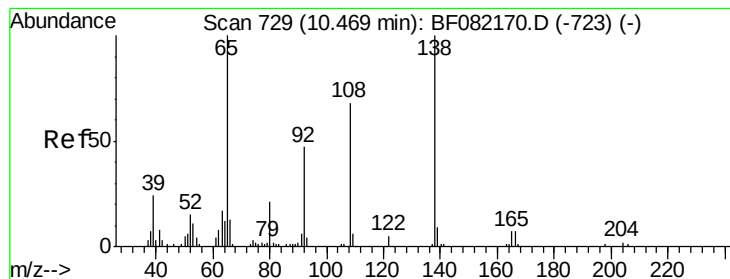
Tot Ion:149 Resp: 652454
Ion Ratio Lower Upper
149 100
177 24.3 17.6 26.4
150 12.8 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 48.34 ng
RT: 10.34 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:204 Resp: 262756
Ion Ratio Lower Upper
204 100
206 34.3 26.8 40.2
141 68.3 56.1 84.1





#61

4-Nitroaniline

Concen: 40.53 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

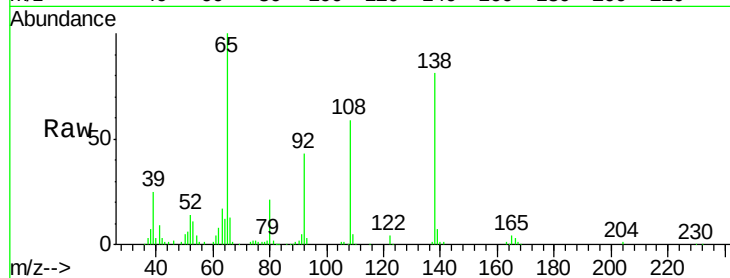
Tot Ion:138 Resp: 123671

Ion Ratio Lower Upper

138 100

92 52.9 26.8 66.8

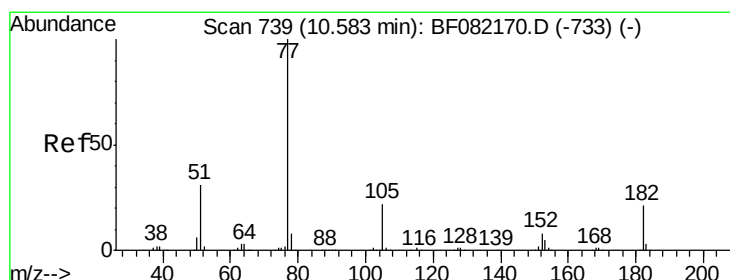
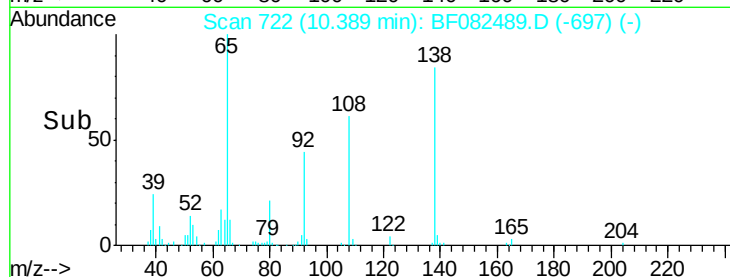
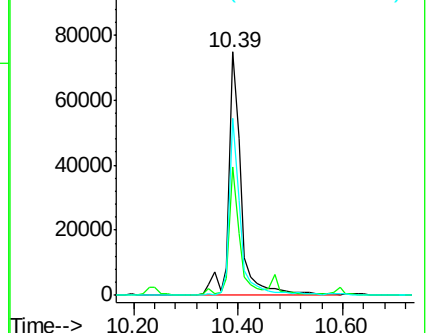
108 72.9 48.4 88.4



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: 47.70 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Tgt Ion: 77 Resp: 574416

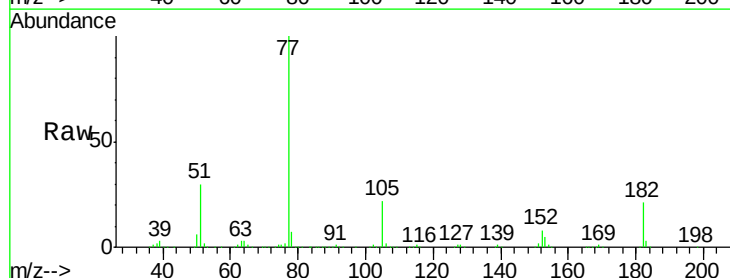
Ion Ratio Lower Upper

77 100

182 21.1 0.5 40.5

105 22.1 1.8 41.8

51 30.5 11.2 51.2

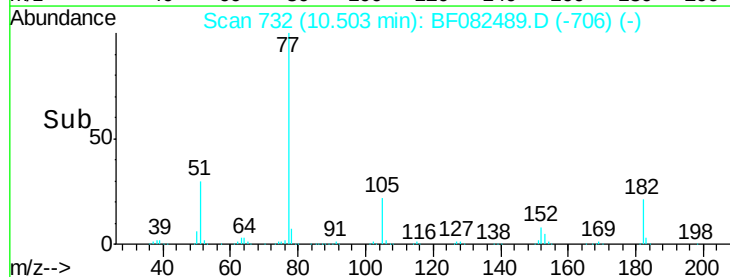
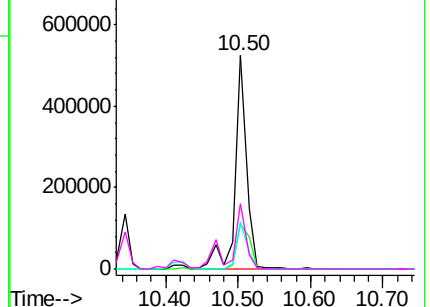


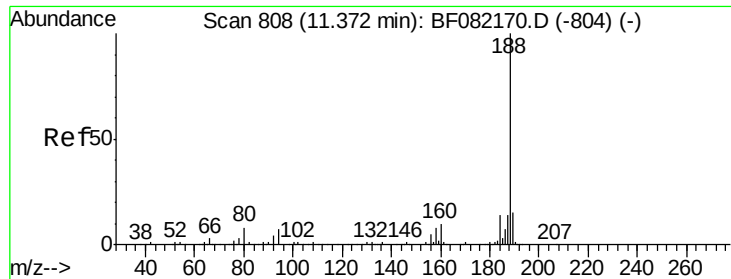
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

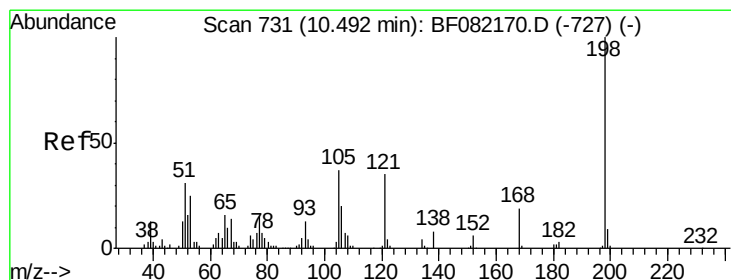
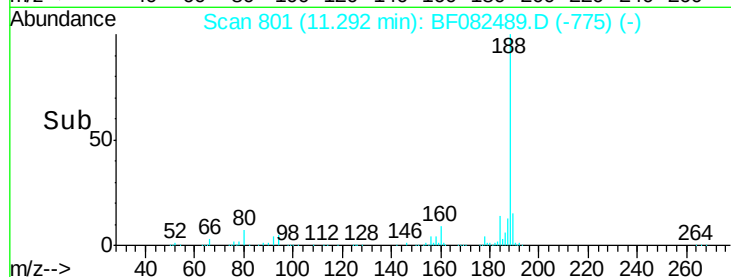
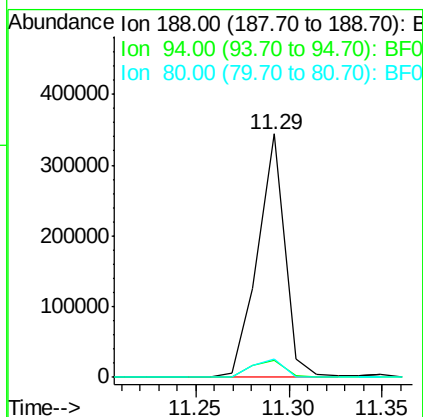
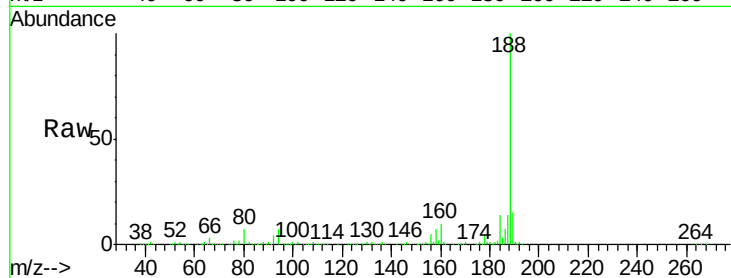




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

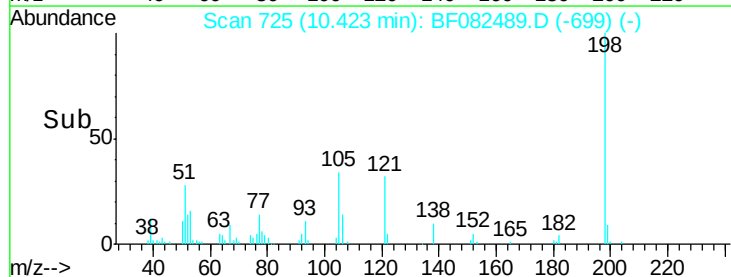
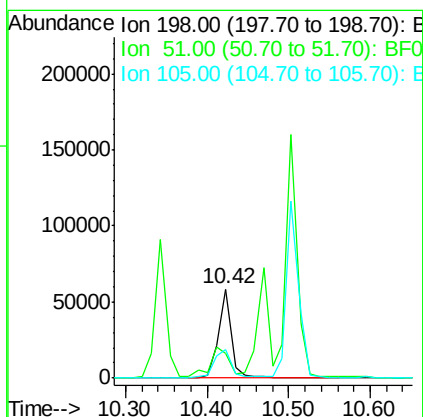
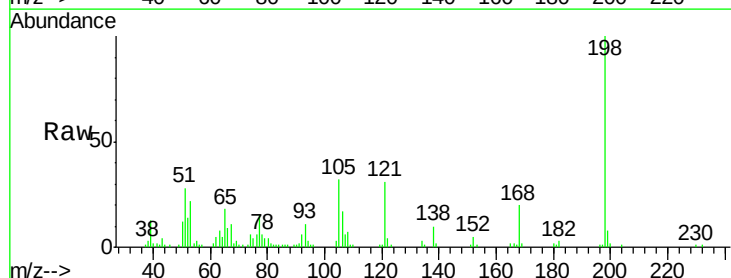
Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

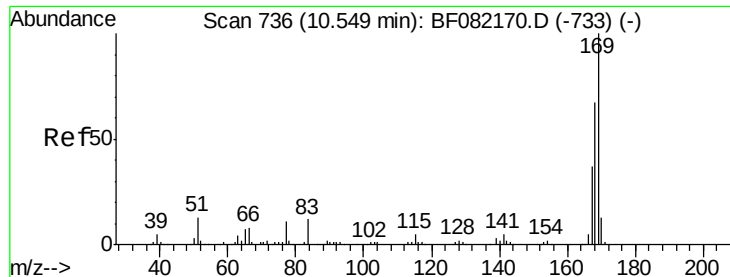
Tot Ion:188 Resp: 346168
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.8 8.6
 80 7.4 6.4 9.6



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.93 ng
 RT: 10.42 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion:198 Resp: 65909
 Ion Ratio Lower Upper
 198 100
 51 27.7 13.6 53.6
 105 32.3 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 47.22 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

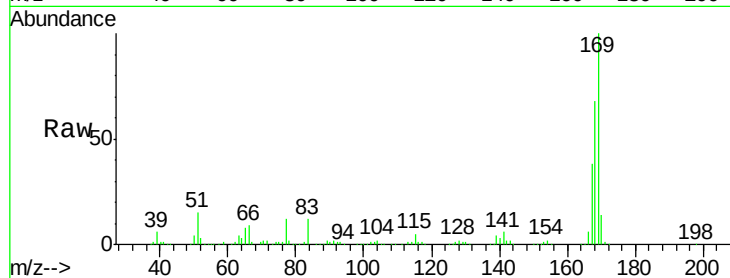
Tot Ion:169 Resp: 489427

Ion Ratio Lower Upper

169 100

168 67.6 54.0 81.0

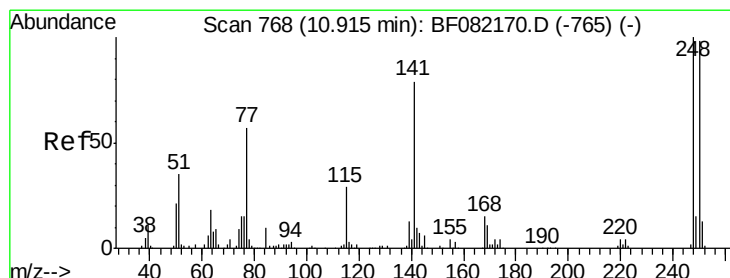
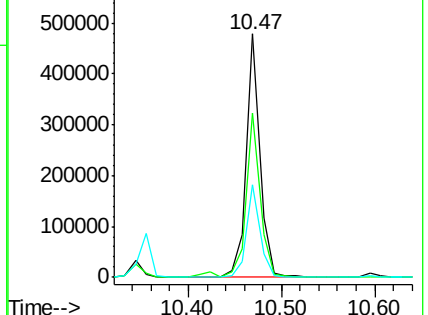
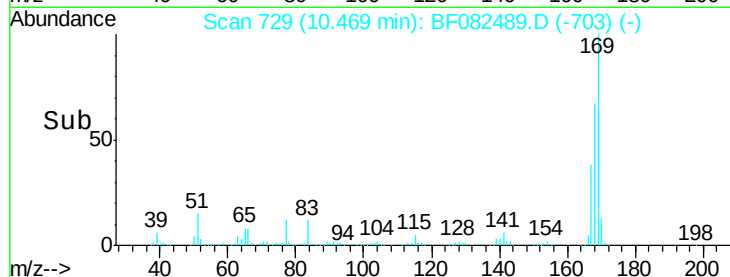
167 38.1 29.6 44.4



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: 46.89 ng

RT: 10.83 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

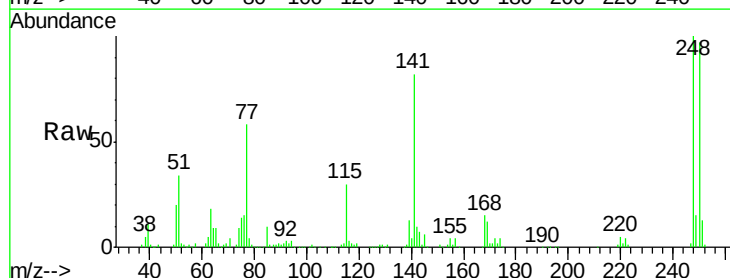
Tgt Ion:248 Resp: 162453

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

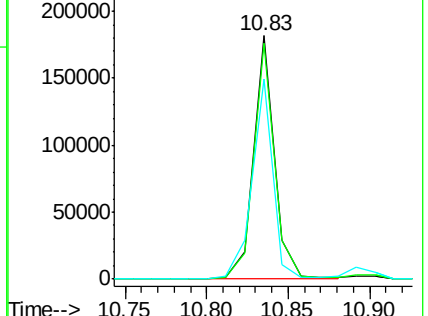
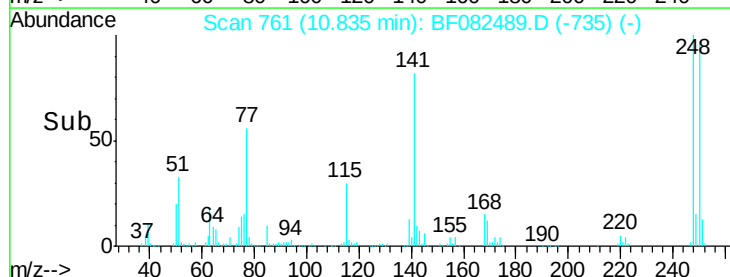
141 82.4 63.3 94.9

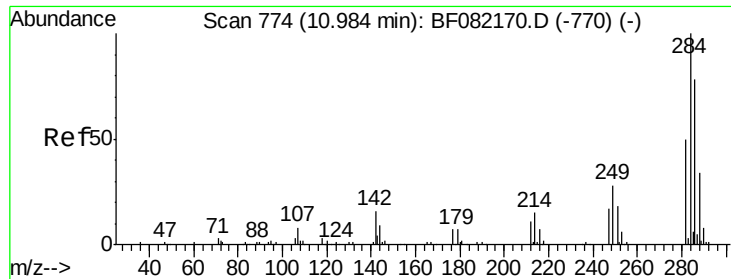


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

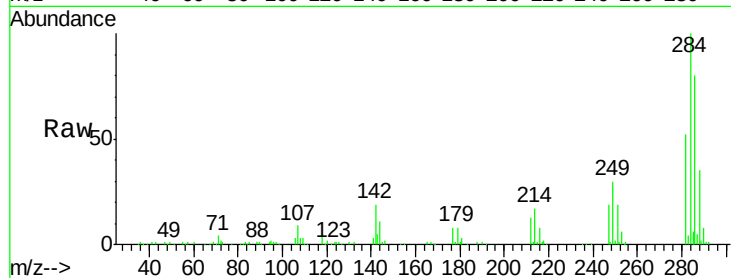




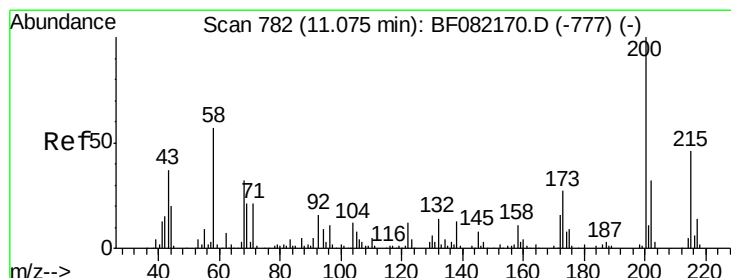
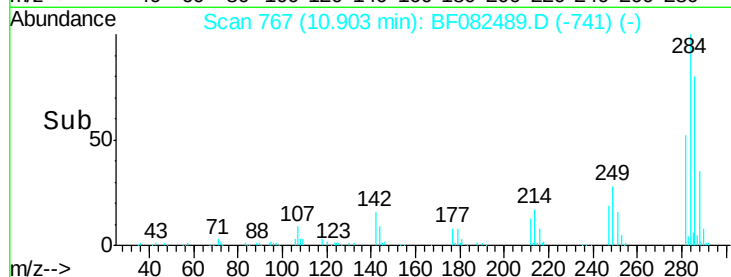
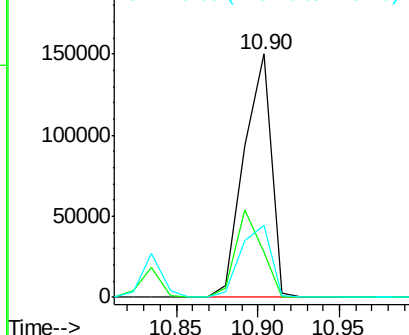
#67
Hexachlorobenzene
Concen: 46.65 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
NC-003MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	18.7	13.0	19.6
249	29.6	22.5	33.7

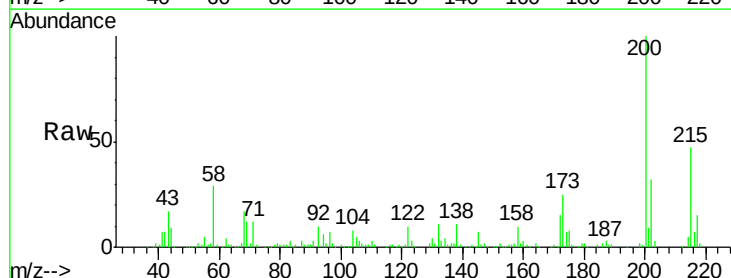


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

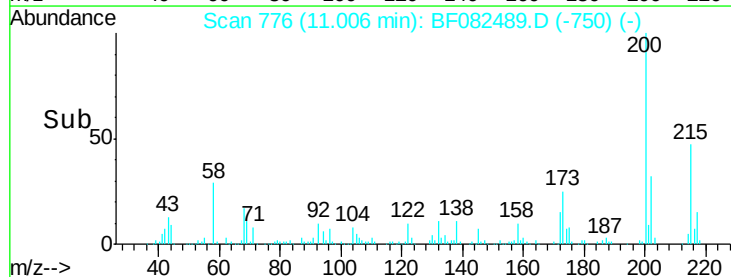
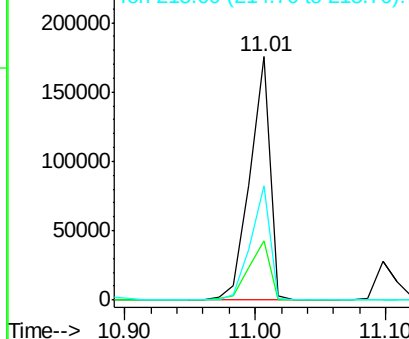


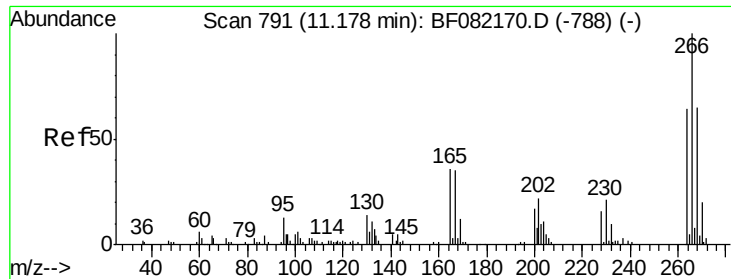
#68
Atrazine
Concen: 57.40 ng
RT: 11.01 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	7.3	47.3
215	46.7	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

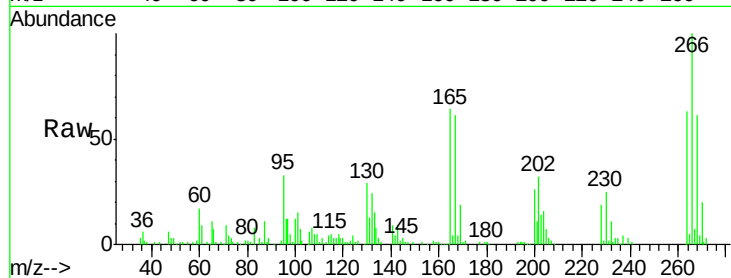




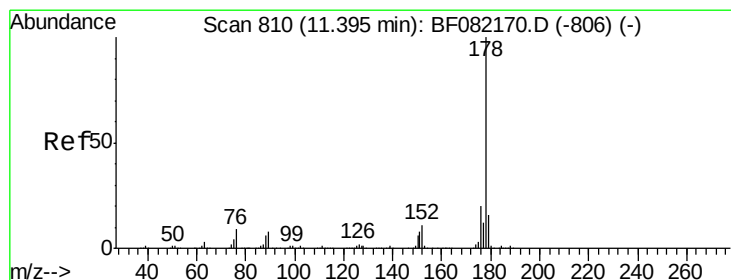
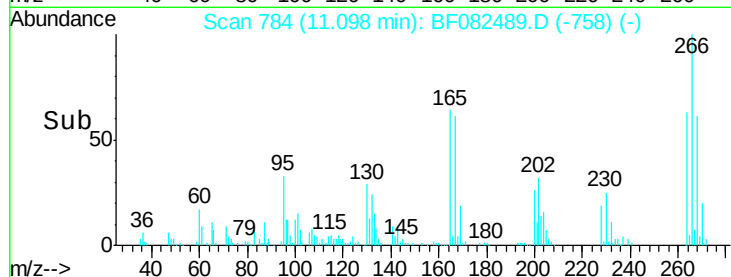
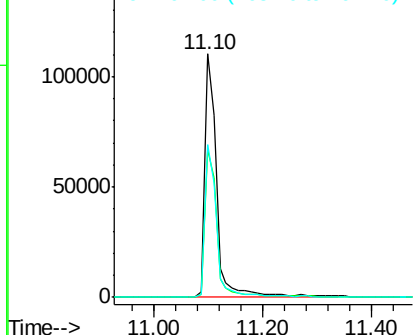
#69
 Pentachlorophenol
 Concen: 86.08 ng
 RT: 11.10 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Instrument :
 BNA_F
 ClientSampled :
 NC-003MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.9	52.0	78.0
264	62.9	51.4	77.0

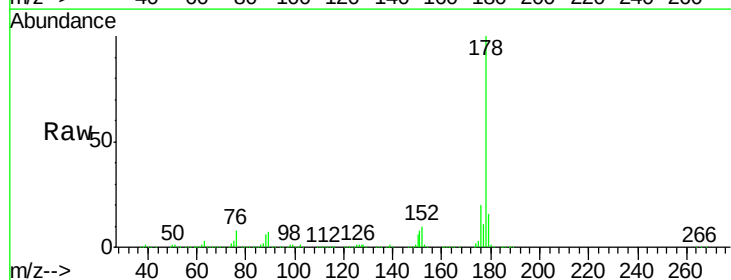


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

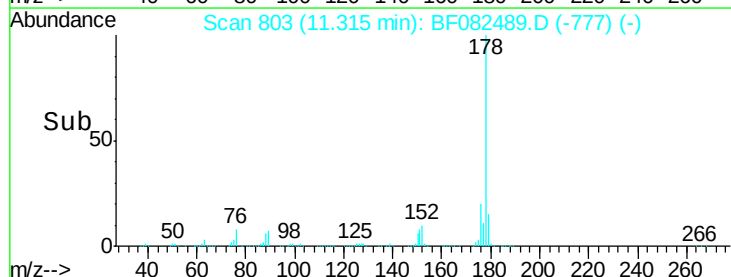
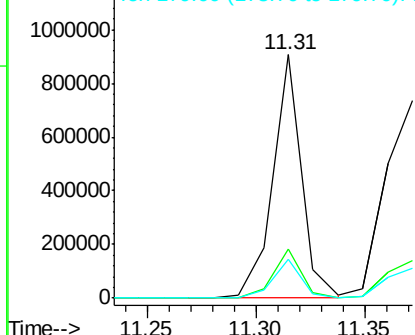


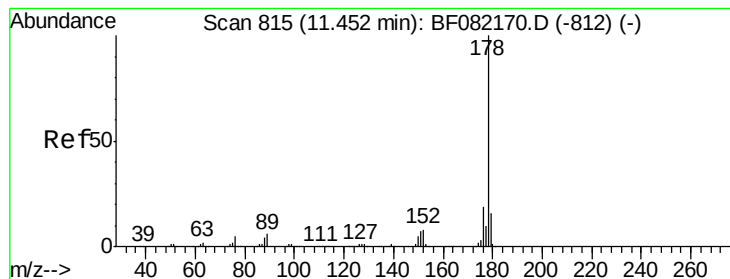
#70
 Phenanthrene
 Concen: 49.52 ng
 RT: 11.31 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.8	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: 52.70 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

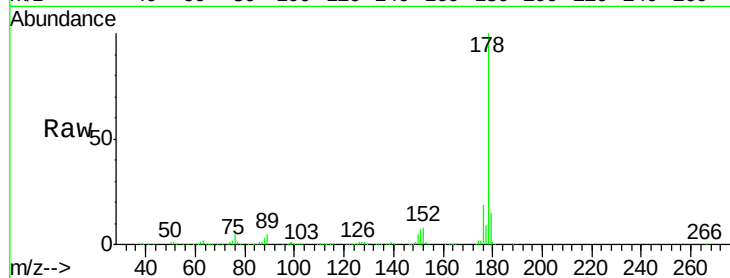
Tot Ion:178 Resp: 921487

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

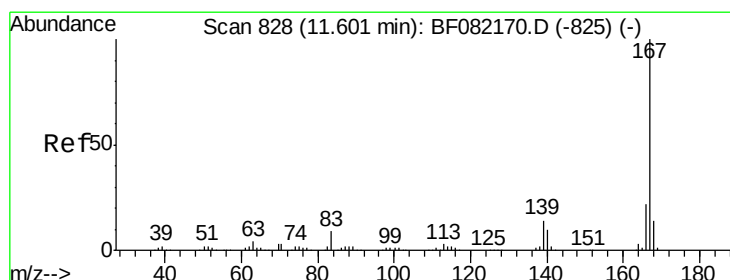
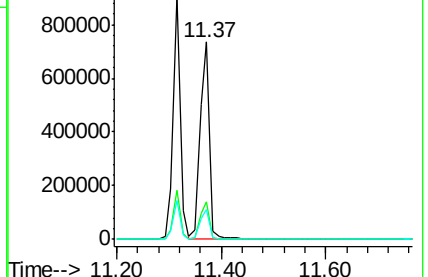
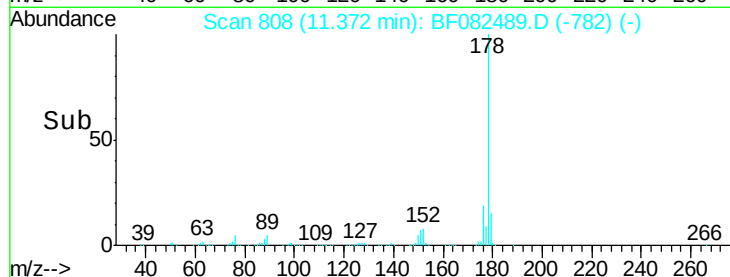
179 15.4 12.5 18.7



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: 50.49 ng

RT: 11.53 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

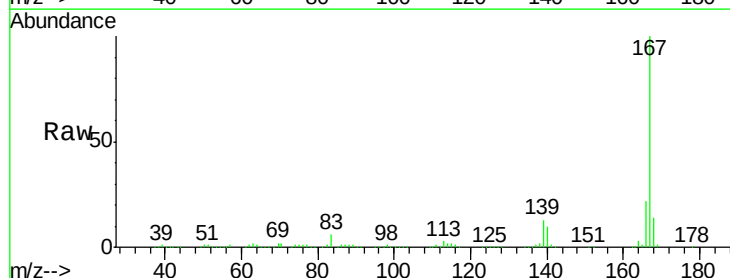
Tgt Ion:167 Resp: 805271

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

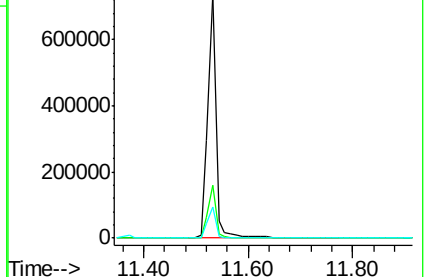
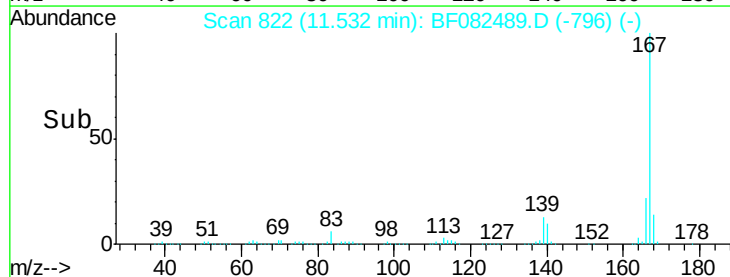
139 12.7 11.2 16.8

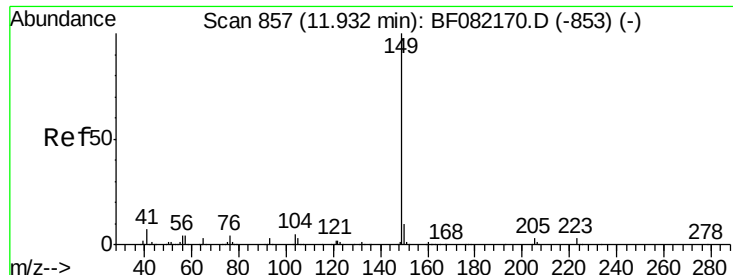


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.88 ng

RT: 11.85 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

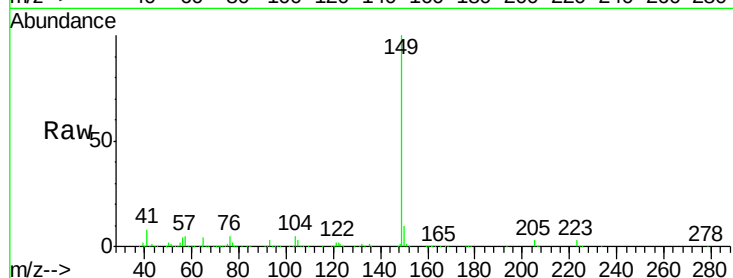
Tot Ion:149 Resp: 922503

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

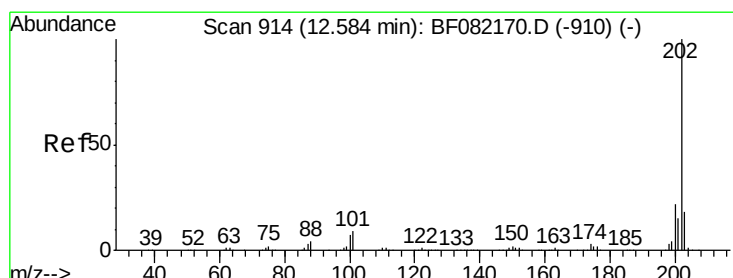
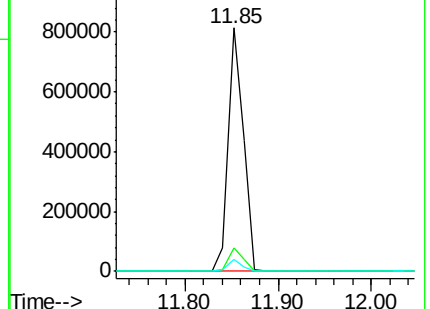
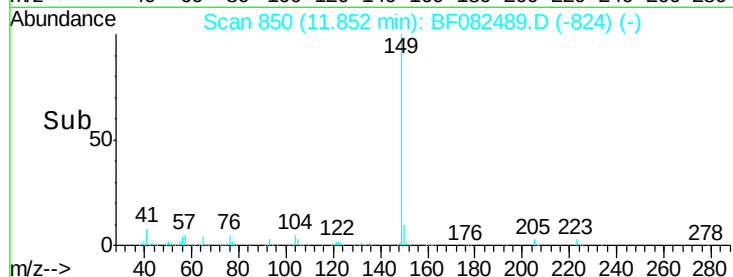
104 5.0 3.8 5.8



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: 46.53 ng

RT: 12.50 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

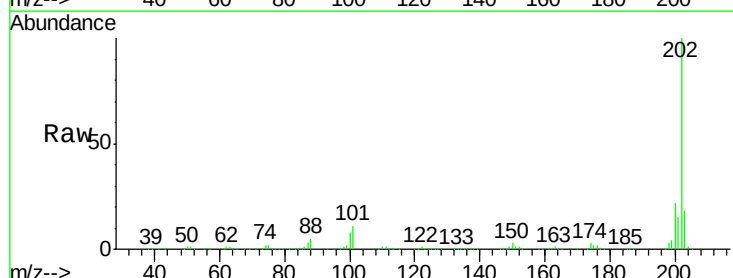
Tgt Ion:202 Resp: 847992

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.3

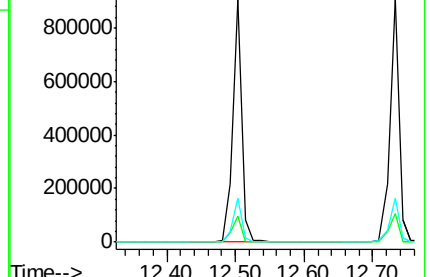
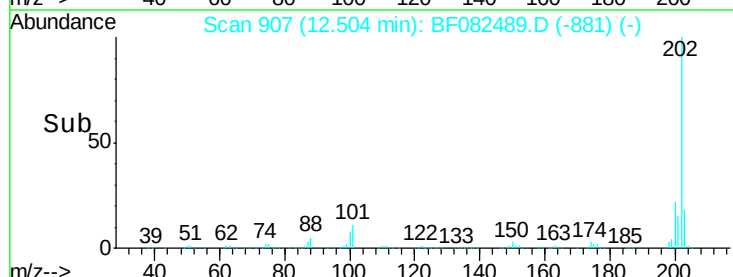
203 18.3 0.0 37.8

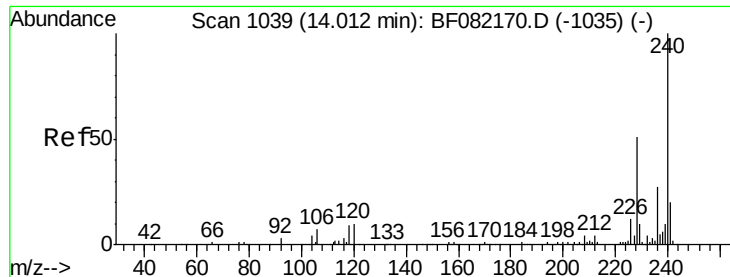


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

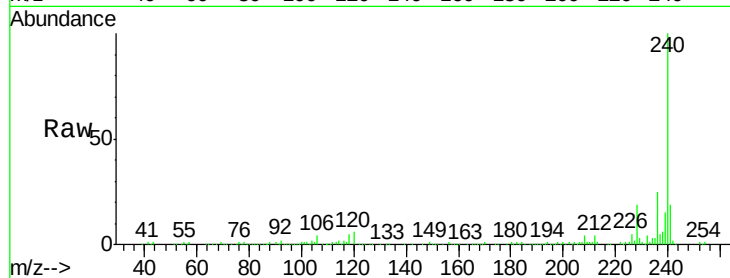
Tot Ion:240 Resp: 247651

Ion Ratio Lower Upper

240 100

120 6.1 8.1 12.1#

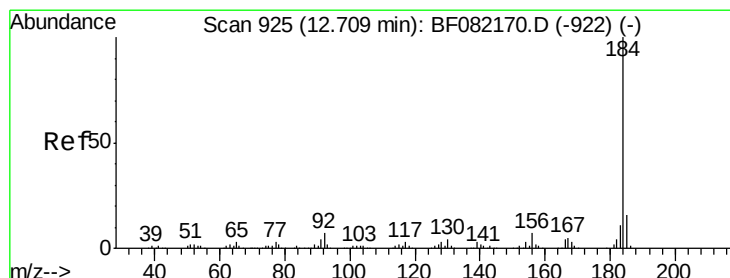
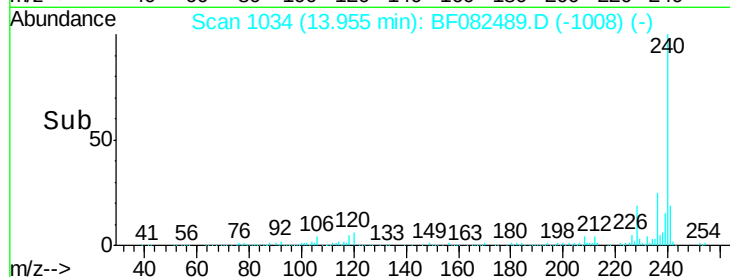
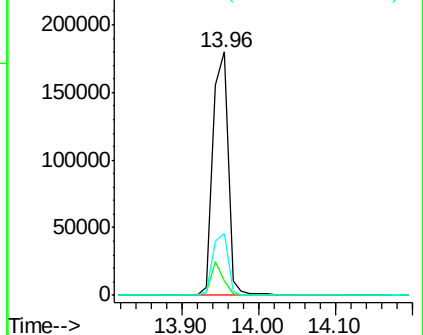
236 25.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.62 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

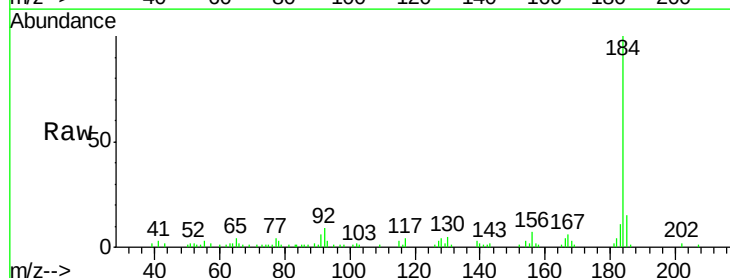
Tgt Ion:184 Resp: 90563

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

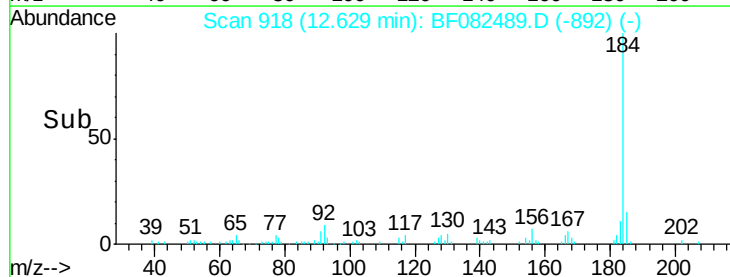
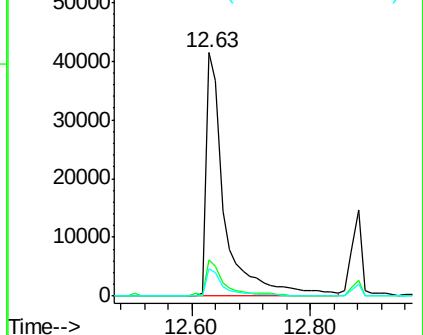
183 11.4 9.1 13.7

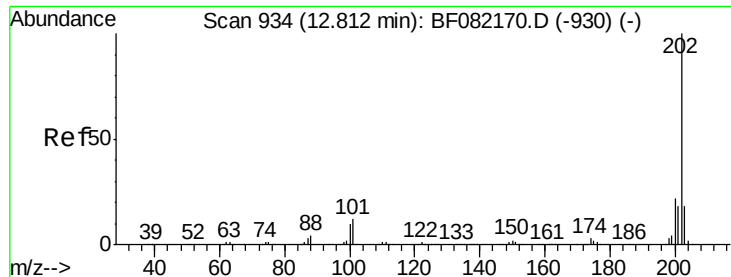


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

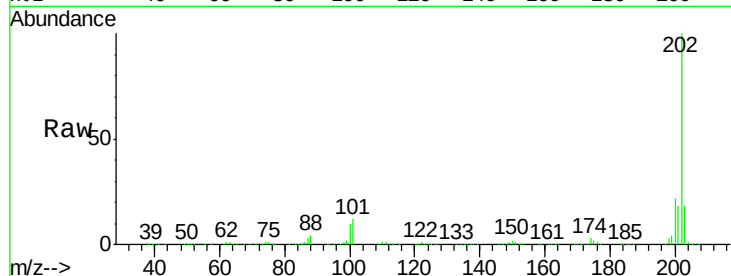




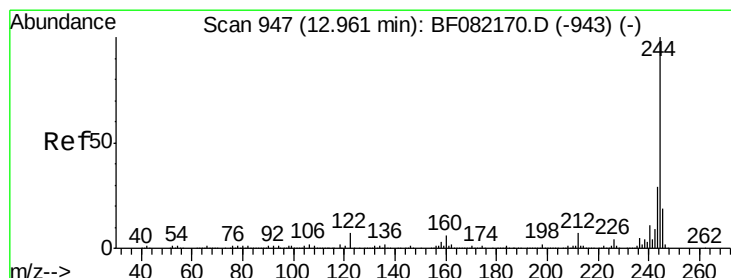
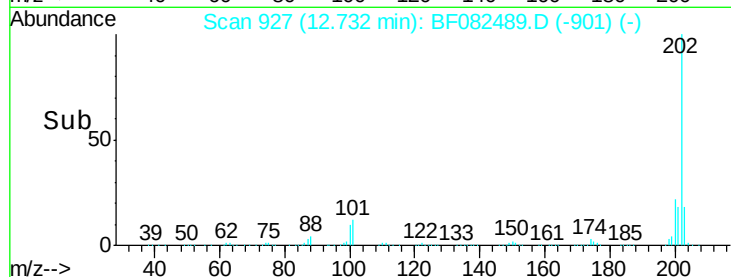
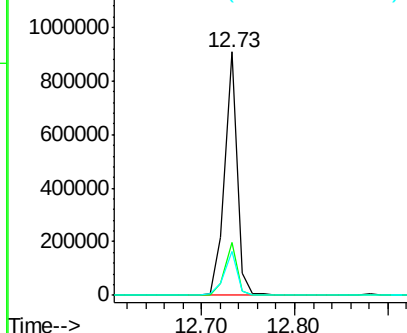
#77
Pvrene
Concen: 57.59 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
NC-003MS

Tot Ion:202 Resp: 846361
Ion Ratio Lower Upper
202 100
200 21.9 17.9 26.9
203 18.1 14.5 21.7

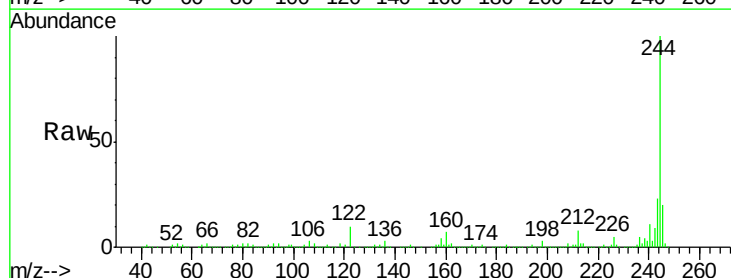


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

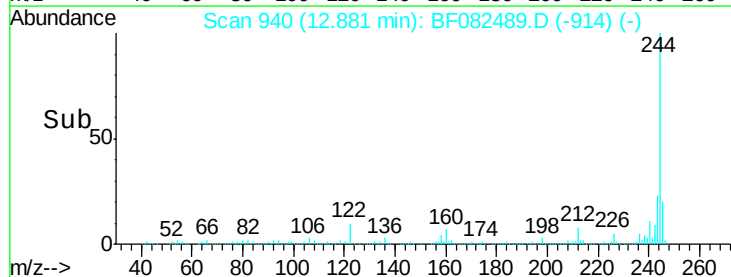
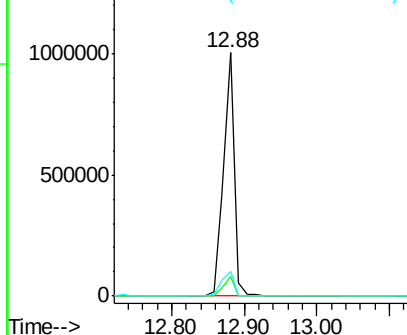


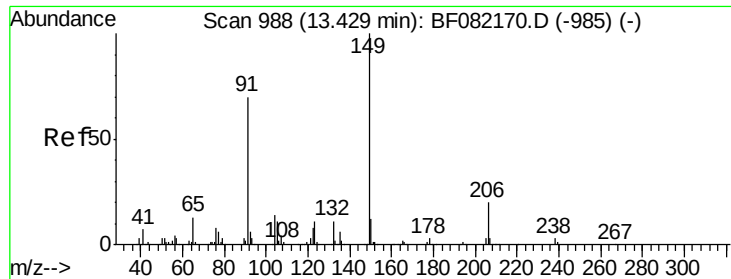
#78
Terphenyl-d14
Concen: 112.01 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:244 Resp: 1046788
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.6
122 10.2 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

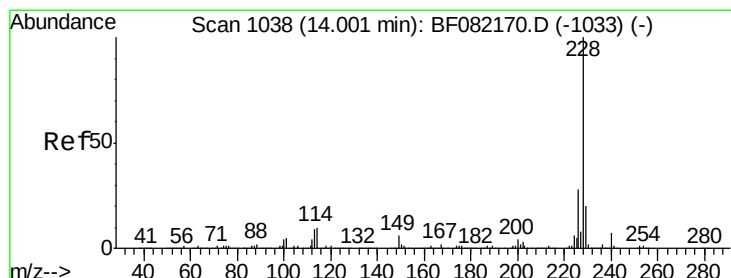
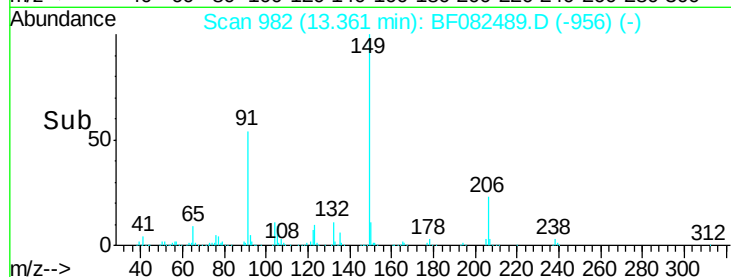
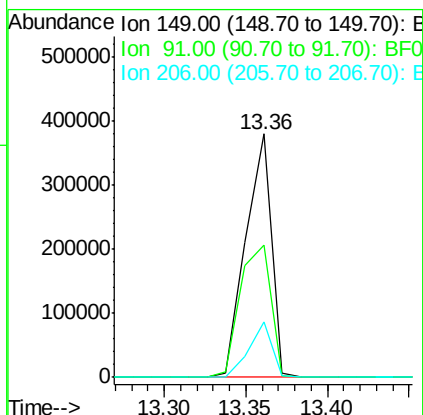
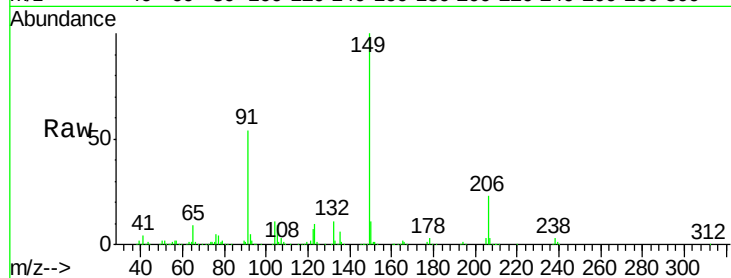




#79
Butylbenzylphthalate
Concen: 62.05 ng
RT: 13.36 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

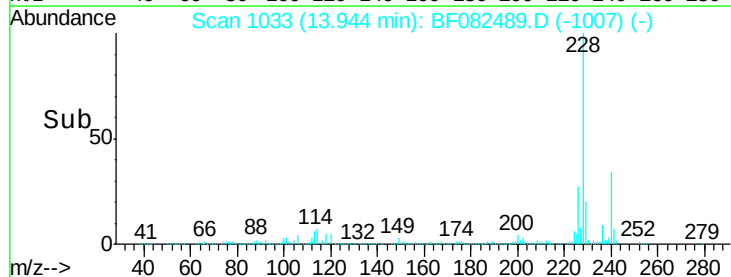
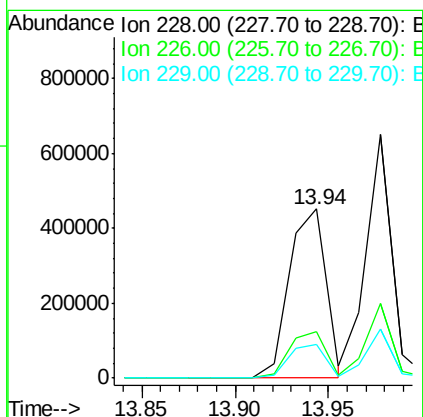
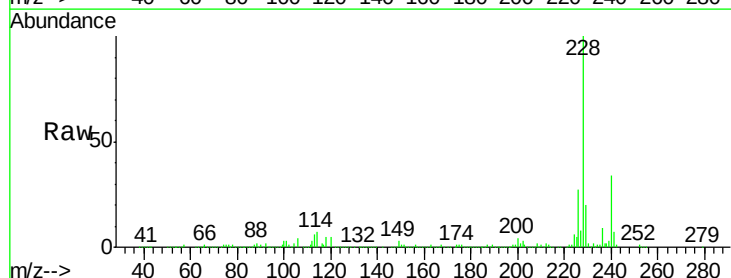
Instrument :
BNA_F
ClientSampleID :
NC-003MS

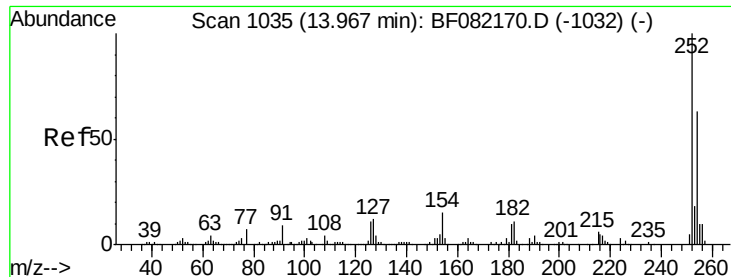
Tot Ion:149 Resp: 416181
Ion Ratio Lower Upper
149 100
91 54.3 55.7 83.5#
206 22.8 15.6 23.4



#80
Benzo(a)anthracene
Concen: 48.55 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:228 Resp: 625592
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.7 16.2 24.2

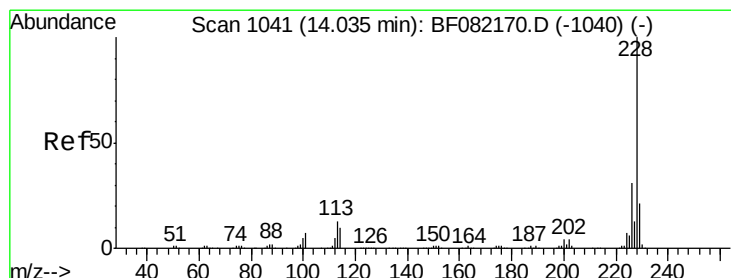
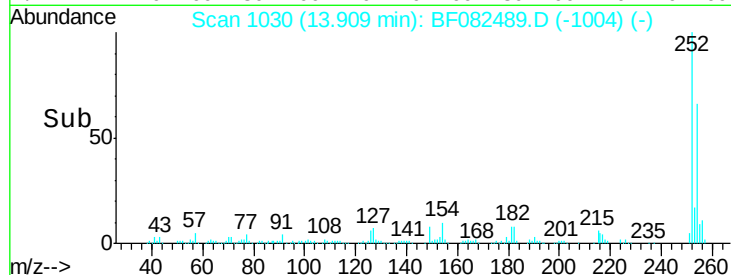
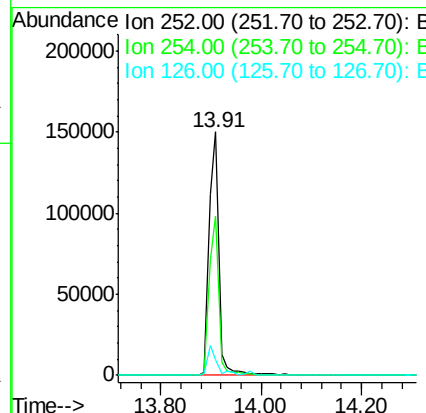
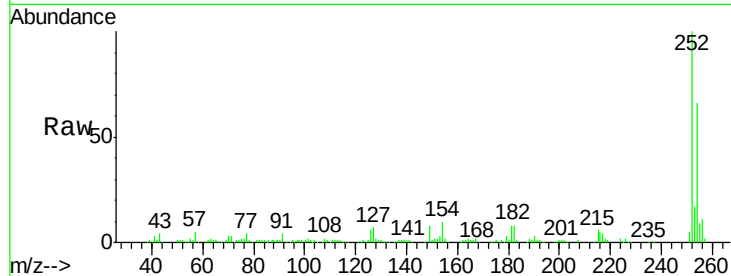




#81
 3,3'-Dichlorobenzidine
 Concen: 41.65 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

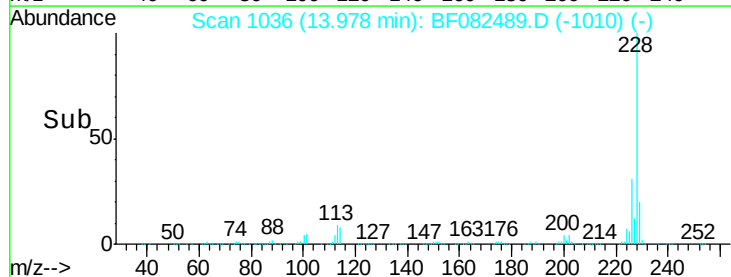
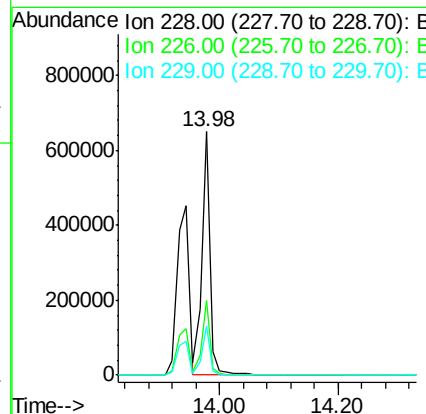
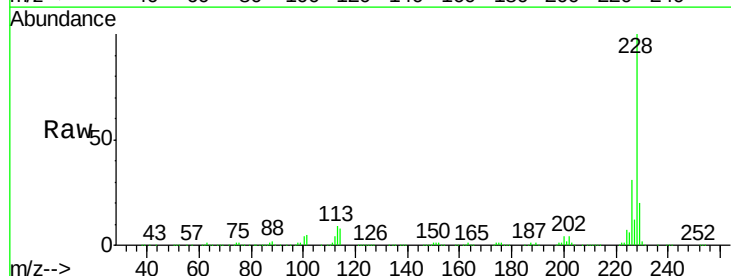
Instrument :
 BNA_F
 ClientSampleId :
 NC-003MS

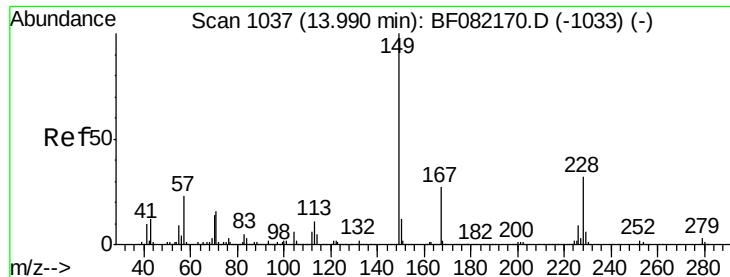
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.7	76.1
126	6.3	9.0	13.6



#82
 Chrysene
 Concen: 46.80 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF082489.D
 Acq: 24 Oct 2015 2:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.83 ng

RT: 13.93 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

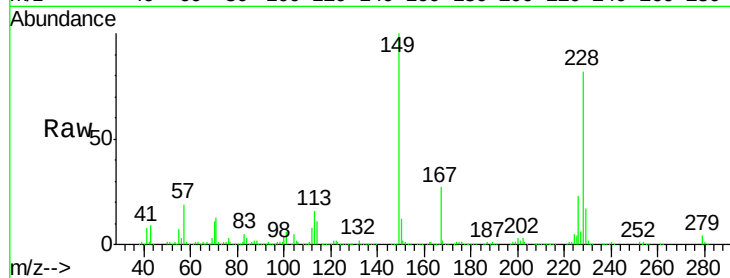
Tot Ion:149 Resp: 572523

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

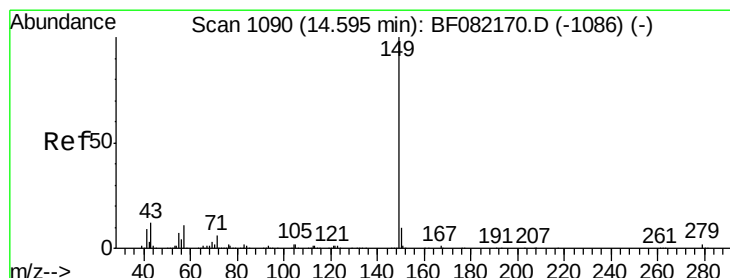
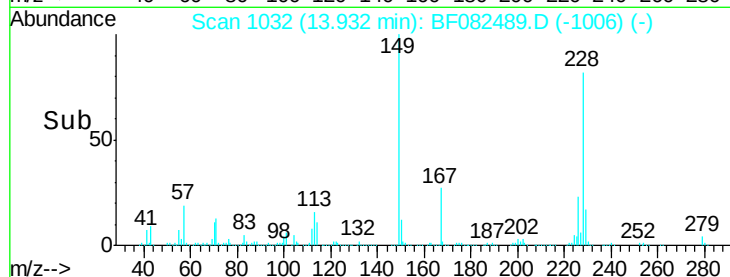
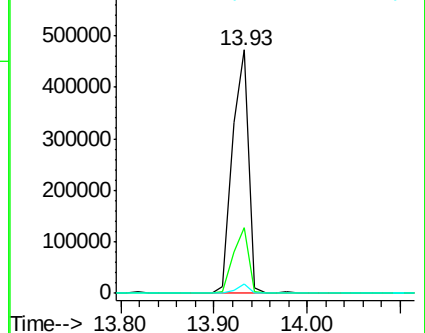
279 3.9 2.6 4.0



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: 52.35 ng

RT: 14.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

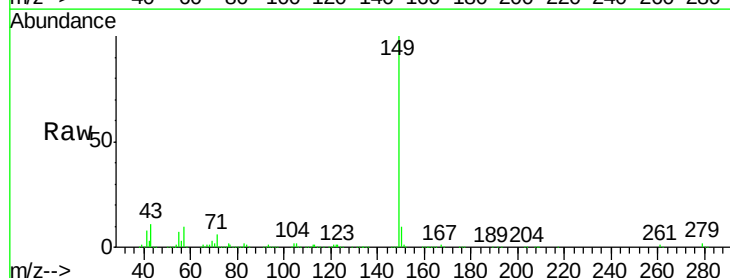
Tgt Ion:149 Resp: 860241

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

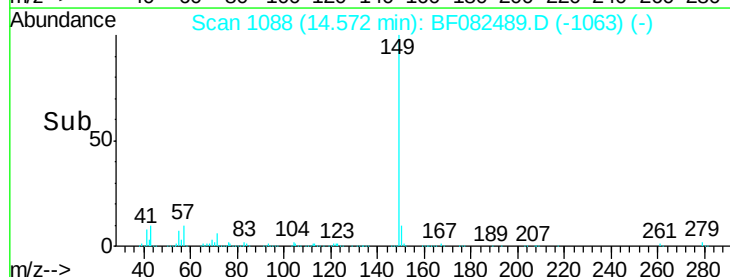
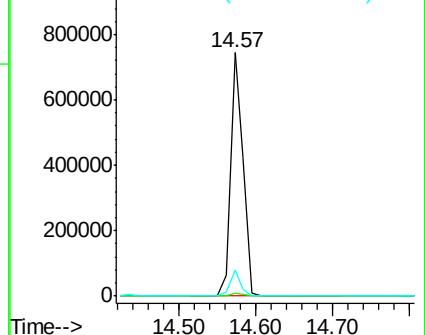
43 9.0 7.4 11.2

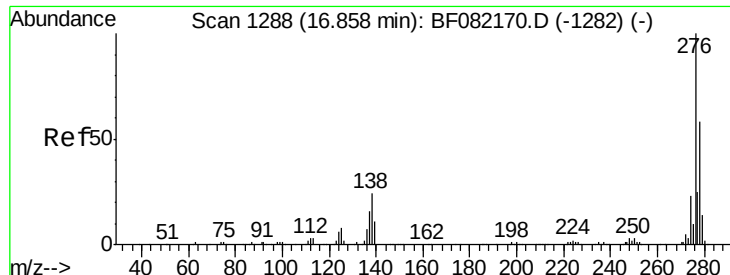


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

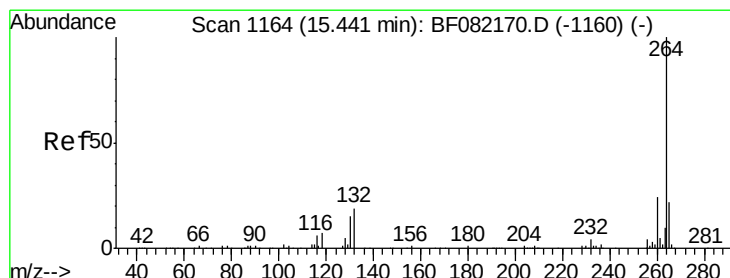
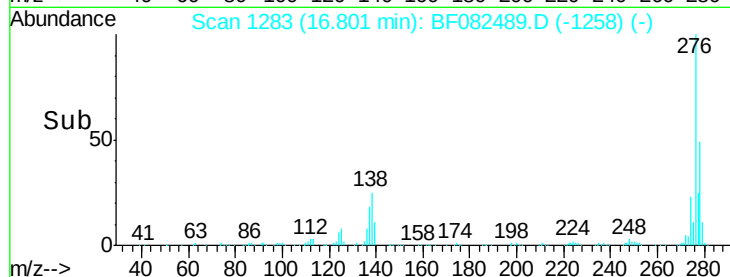
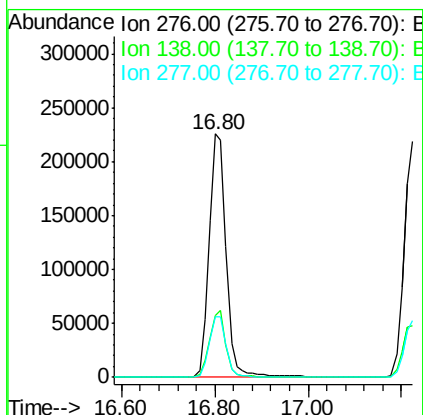
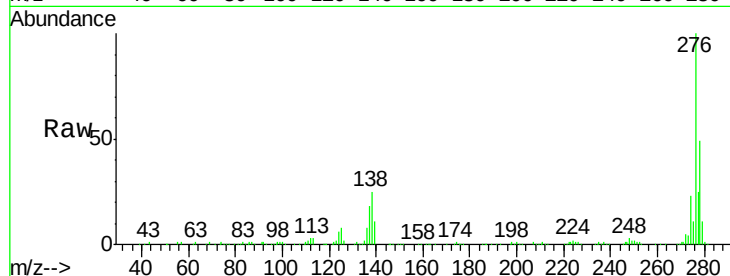




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.96 ng
RT: 16.80 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

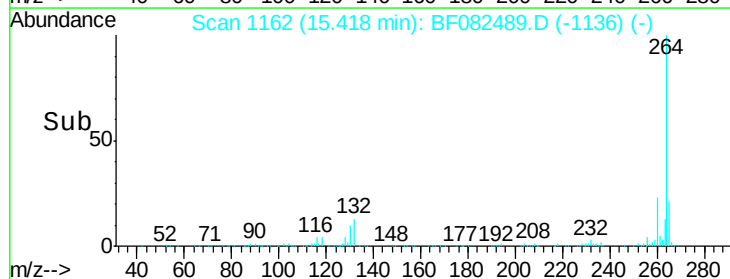
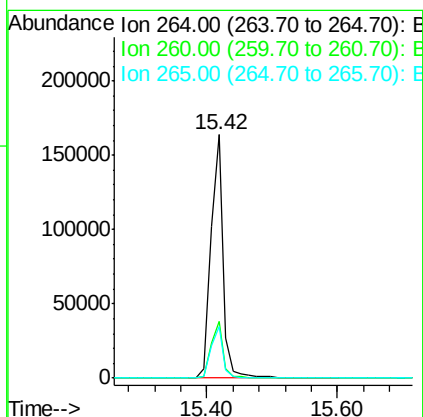
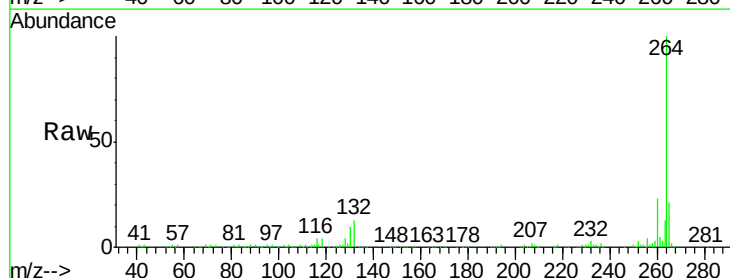
Instrument :
BNA_F
ClientSampleId :
NC-003MS

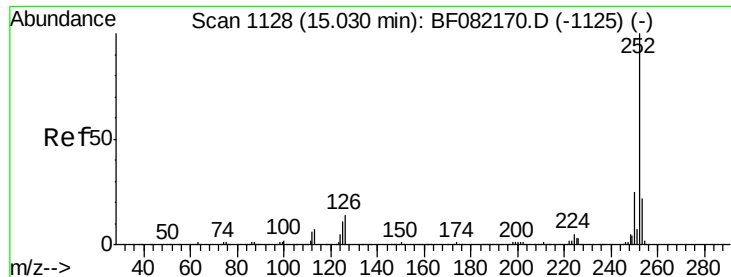
Tot Ion:276 Resp: 582331
Ion Ratio Lower Upper
276 100
138 26.4 19.7 29.5
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:264 Resp: 215917
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.1 17.3 25.9

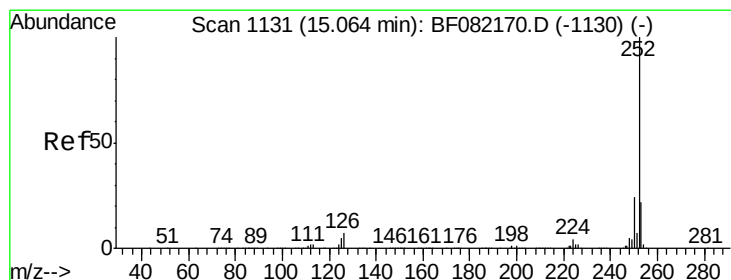
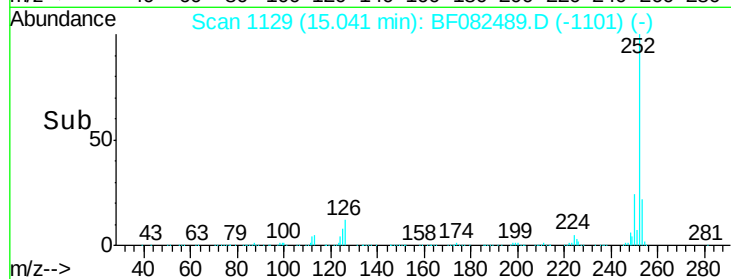
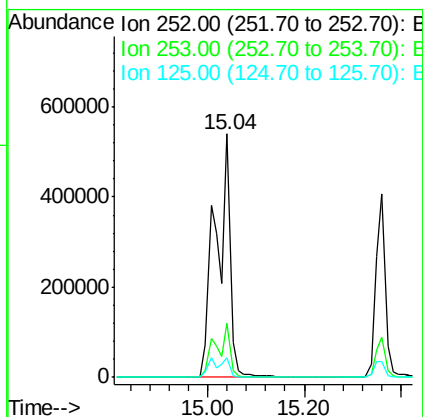
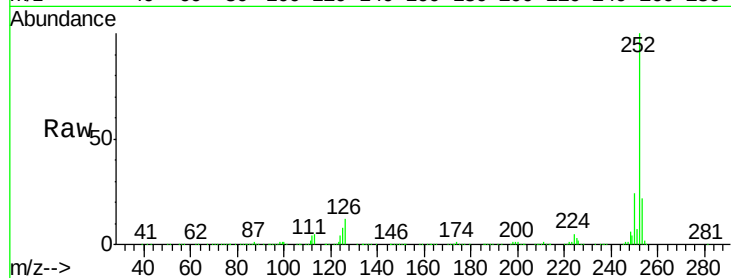




#87
Benzo(b)fluoranthene
Concen: 86.45 ng
RT: 15.04 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

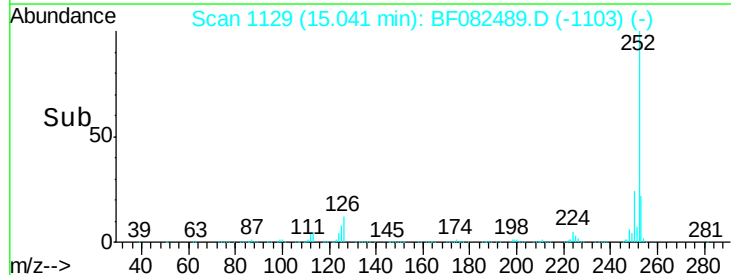
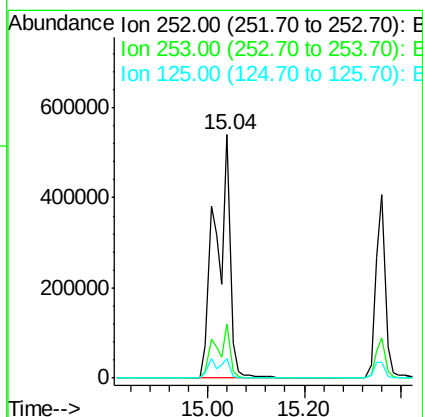
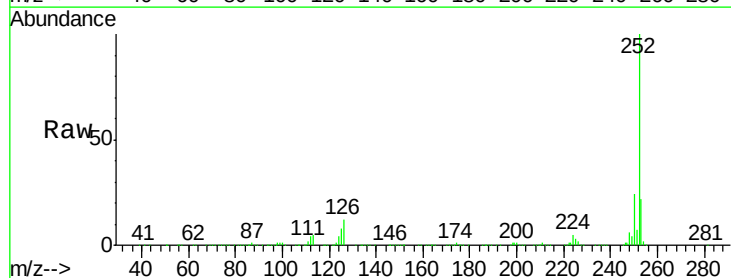
Instrument :
BNA_F
ClientSampleId :
NC-003MS

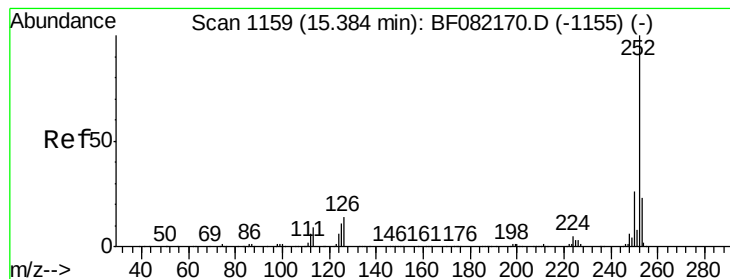
Tot Ion:252 Resp: 1135634
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 8.2 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 102.85 ng
RT: 15.04 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF082489.D
Acq: 24 Oct 2015 2:39

Tgt Ion:252 Resp: 1135634
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.2 6.7 10.1





#89

Benzo(a)pyrene

Concen: 49.20 ng

RT: 15.36 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

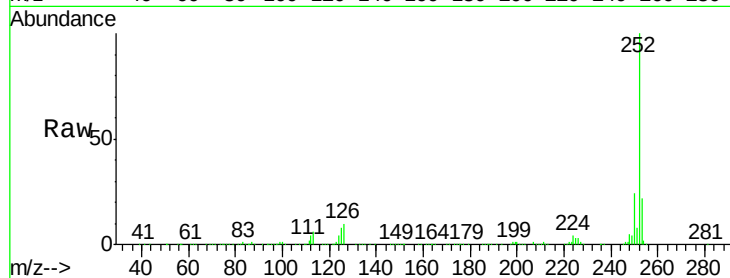
Tot Ion:252 Resp: 555452

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

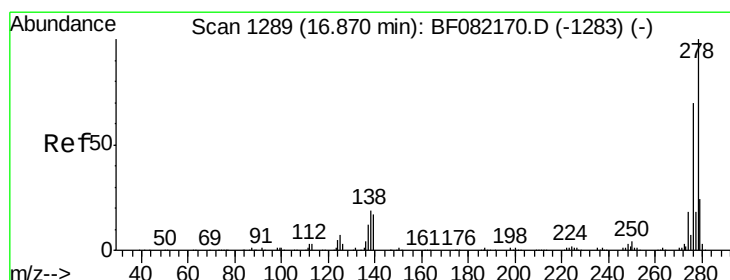
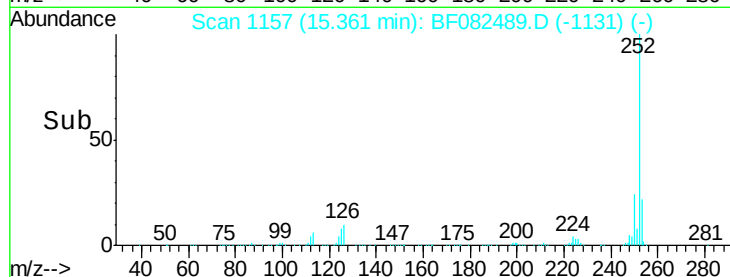
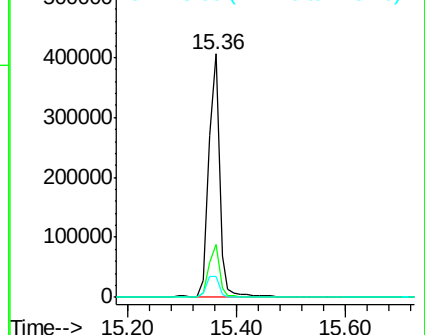
125 8.4 8.9 13.3#



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: 53.47 ng

RT: 16.81 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

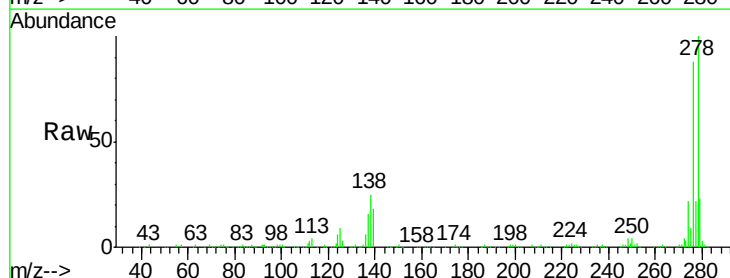
Tgt Ion:278 Resp: 494654

Ion Ratio Lower Upper

278 100

139 18.2 13.3 19.9

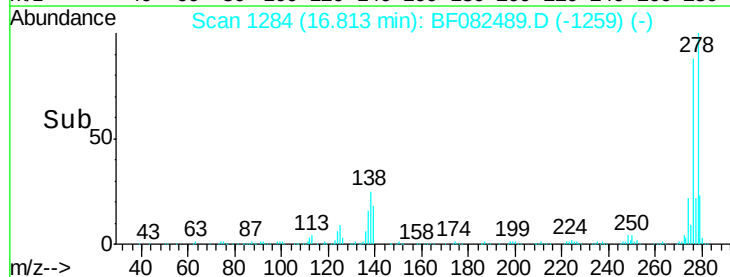
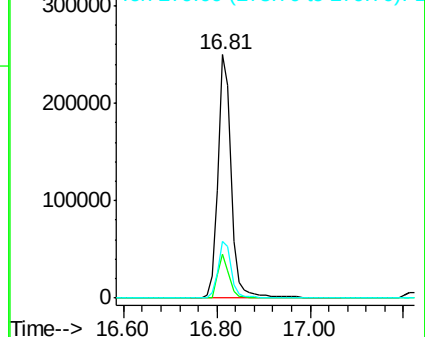
279 23.4 18.9 28.3

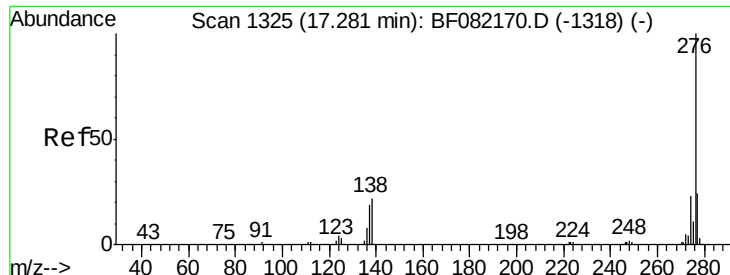


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.89 ng

RT: 17.22 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF082489.D

Acq: 24 Oct 2015 2:39

Instrument :

BNA_F

ClientSampleId :

NC-003MS

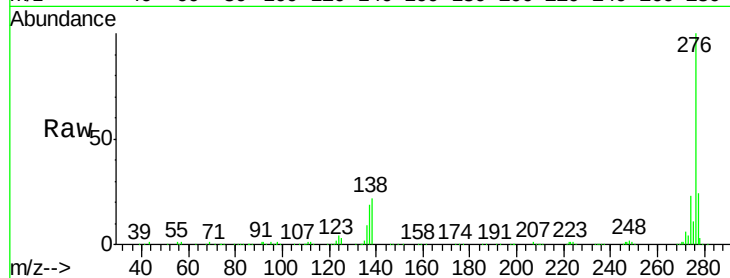
Tot Ion: 276 Resp: 475345

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 21.8 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

