

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082483.D
 Acq On : 23 Oct 2015 23:46
 Operator : UM/IZ
 Sample : PB86276BSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Quant Time: Oct 24 04:55:05 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	96829	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	399343	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	201558	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	385213	20.00	ng	0.00
75) Chrysene-d12	13.96	240	346732	20.00	ng	0.00
86) Perylene-d12	15.42	264	298921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	653865	136.29	ng	0.01
7) Phenol-d6	6.41	99	798194	127.84	ng	0.00
23) Nitrobenzene-d5	7.33	82	487372	81.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	192363	101.77	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1041525	85.69	ng	-0.01
78) Terphenyl-d14	12.88	244	1097769	83.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	67521	28.01	ng	95
3) Pyridine	3.01	79	199287	35.55	ng	98
4) n-Nitrosodimethylamine	2.98	42	82120	34.54	ng	91
6) Aniline	6.42	93	231965	28.82	ng	# 1
8) 2-Chlorophenol	6.54	128	222912	38.06	ng	# 80
9) Benzaldehyde	6.30	77	81351	25.52	ng	93
10) Phenol	6.42	94	310688	43.16	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	224977	36.96	ng	91
12) 1,3-Dichlorobenzene	6.69	146	250243	36.69	ng	95
13) 1,4-Dichlorobenzene	6.77	146	254186	35.68	ng	96
14) 1,2-Dichlorobenzene	6.77	146	255684	37.80	ng	96
15) Benzyl Alcohol	6.91	79	169842	39.41	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	310937	36.68	ng	82
17) 2-Methylphenol	7.03	107	191060	41.25	ng	94
18) Hexachloroethane	7.26	117	86973	35.67	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	158286	36.10	ng	# 90
20) 3+4-Methylphenols	7.19	107	241153	43.69	ng	# 62
22) Acetophenone	7.18	105	320848	40.62	ng	# 88
24) Nitrobenzene	7.35	77	251112	39.01	ng	94
25) Isophorone	7.59	82	447064	37.25	ng	97
26) 2-Nitrophenol	7.67	139	130682	40.66	ng	93
27) 2,4-Dimethylphenol	7.71	122	224142	43.29	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	274807	39.35	ng	99
29) 2,4-Dichlorophenol	7.91	162	213197	41.19	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	227649	38.16	ng	98
31) Naphthalene	8.07	128	672667	38.86	ng	100
32) Benzoic acid	7.86	122	111420	32.06	ng	90
33) 4-Chloroaniline	8.13	127	146312	20.35	ng	97
34) Hexachlorobutadiene	8.18	225	131427	35.35	ng	96
35) Caprolactam	8.50	113	42199	28.09	ng	# 84
36) 4-Chloro-3-methylphenol	8.63	107	213166	42.11	ng	# 84
37) 2-Methylnaphthalene	8.75	142	442615	36.88	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	236373	39.43	ng	99
40) Hexachlorocyclopentadiene	8.90	237	159071	55.30	ng	96

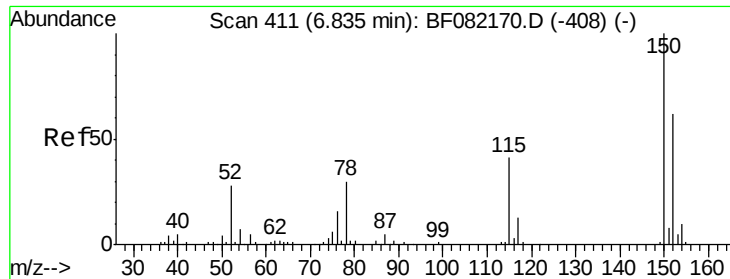
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	143659	36.08	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	155988	36.16	nq	96
45) 1,1'-Biphenyl	9.22	154	540600	35.17	nq	98
46) 2-Chloronaphthalene	9.25	162	432723	35.76	nq	# 94
47) 2-Nitroaniline	9.36	65	136343	41.05	nq	# 67
48) Acenaphthylene	9.67	152	751645	39.88	nq	100
49) Dimethylphthalate	9.53	163	533794	37.61	nq	100
50) 2,6-Dinitrotoluene	9.60	165	124999	41.74	nq	88
51) Acenaphthene	9.84	154	430015	38.00	nq	99
52) 3-Nitroaniline	9.77	138	75137	22.21	nq	98
53) 2,4-Dinitrophenol	9.89	184	110636	67.22	nq	98
54) Dibenzofuran	10.01	168	665021	42.81	nq	98
55) 4-Nitrophenol	9.95	139	122618	58.71	nq	87
56) 2,4-Dinitrotoluene	10.01	165	159712	42.67	nq	90
57) Fluorene	10.35	166	543133	42.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	134805	38.25	nq	96
59) Diethylphthalate	10.23	149	533247	40.31	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	242286	41.45	nq	96
61) 4-Nitroaniline	10.39	138	119600	36.45	nq	94
62) Azobenzene	10.50	77	531560	41.05	nq	97
64) 4,6-Dinitro-2-methylphenol	10.42	198	88236	40.82	nq	82
65) n-Nitrosodiphenylamine	10.47	169	457800	39.69	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	153509	39.82	nq	96
67) Hexachlorobenzene	10.89	284	152503	36.58	nq	# 60
68) Atrazine	11.01	200	162011	44.34	nq	93
69) Pentachlorophenol	11.10	266	148494	69.21	nq	98
70) Phenanthrene	11.31	178	793292	42.01	nq	100
71) Anthracene	11.37	178	825912	42.45	nq	99
72) Carbazole	11.53	167	732515	41.27	nq	98
73) Di-n-butylphthalate	11.85	149	841262	38.42	nq	100
74) Fluoranthene	12.50	202	856573	42.24	nq	99
76) Benzidine	12.63	184	362645	36.09	nq	98
77) Pyrene	12.73	202	865915	42.08	nq	99
79) Butylbenzylphthalate	13.36	149	405635	43.20	nq	89
80) Benzo(a)anthracene	13.94	228	715596	39.67	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	194000	28.33	nq	# 97
82) Chrysene	13.98	228	667484	35.11	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	553834	41.34	nq	100
84) Di-n-octyl phthalate	14.58	149	954955	41.51	nq	100
85) Indeno(1,2,3-cd)pyrene	16.81	276	610207	40.39	nq	98
87) Benzo(b)fluoranthene	15.05	252	1356798	74.61	nq	# 95
88) Benzo(k)fluoranthene	15.05	252	1358417	88.87	nq	# 98
89) Benzo(a)pyrene	15.37	252	635489	40.66	nq	# 95
90) Dibenzo(a,h)anthracene	16.82	278	522147	40.77	nq	99
91) Benzo(g,h,i)perylene	17.22	276	497589	39.99	nq	98

(#) = 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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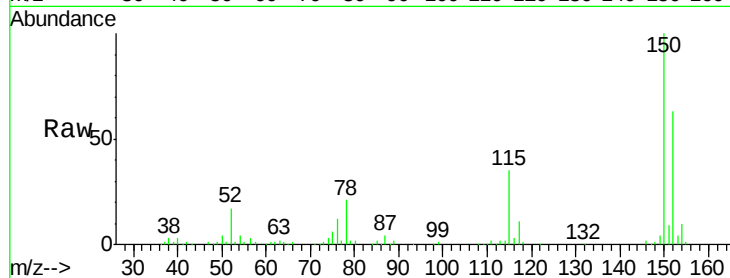
Tot Ion:152 Resp: 96829

Ion Ratio Lower Upper

152 100

150 157.8 129.0 193.4

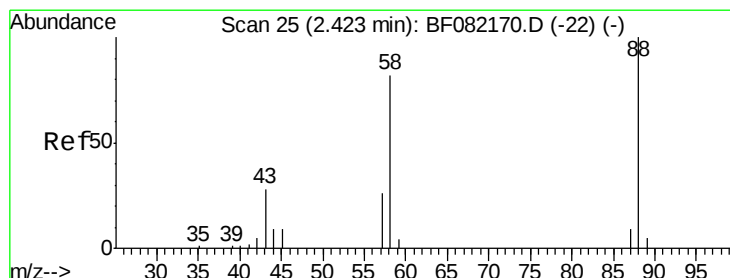
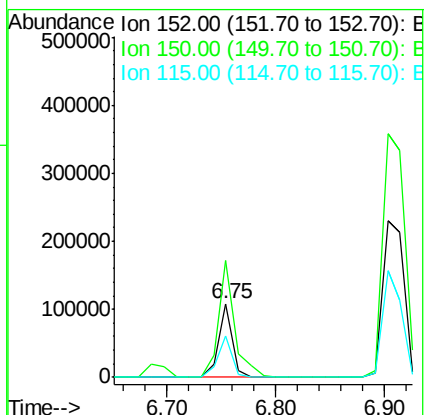
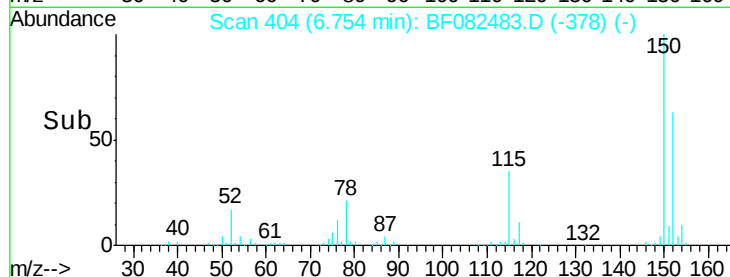
115 55.2 52.1 78.1



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: 28.01 ng

RT: 2.32 min Scan# 16

Delta R.T. 0.06 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

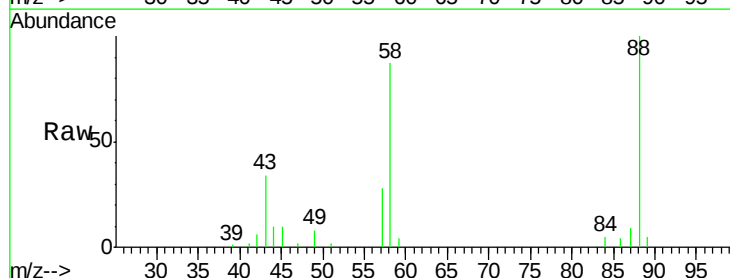
Tgt Ion: 88 Resp: 67521

Ion Ratio Lower Upper

88 100

58 79.7 66.2 99.4

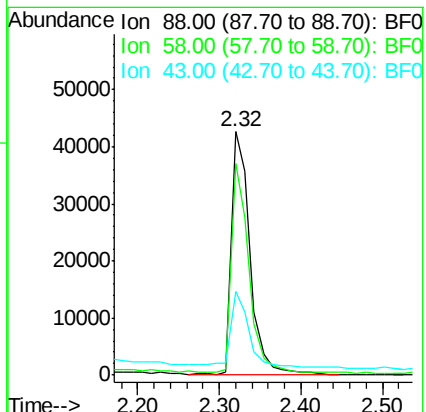
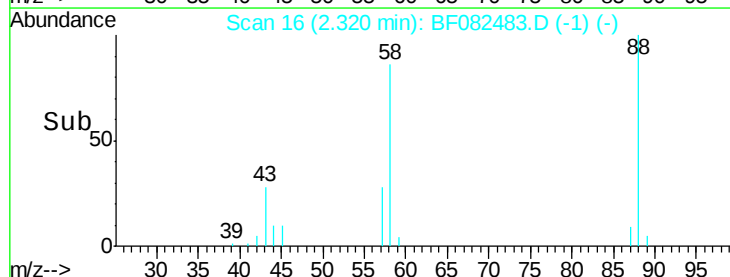
43 33.3 23.0 34.4

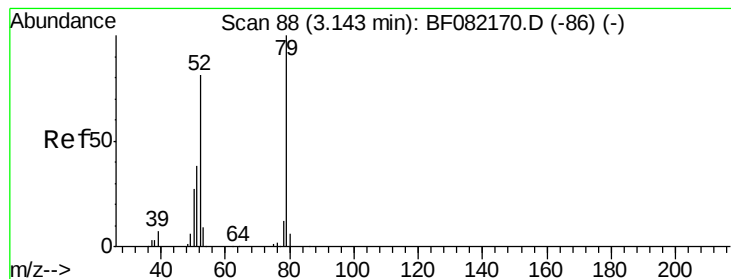


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.55 ng

RT: 3.01 min Scan# 76

Delta R.T. 0.05 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

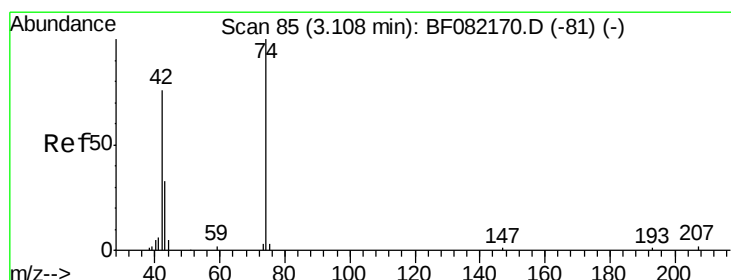
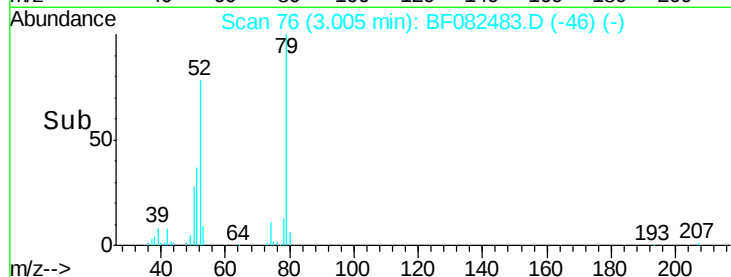
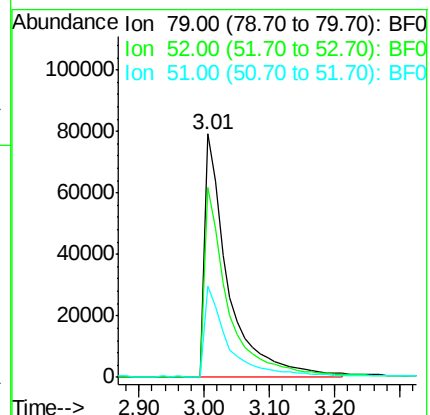
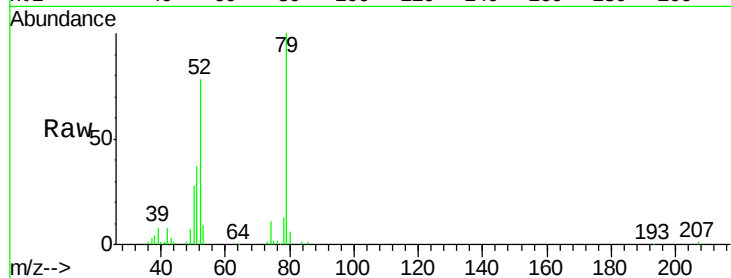
Tot Ion: 79 Resp: 199287

Ion Ratio Lower Upper

79 100

52 78.0 64.4 96.6

51 37.3 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 34.54 ng

RT: 2.98 min Scan# 74

Delta R.T. 0.05 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

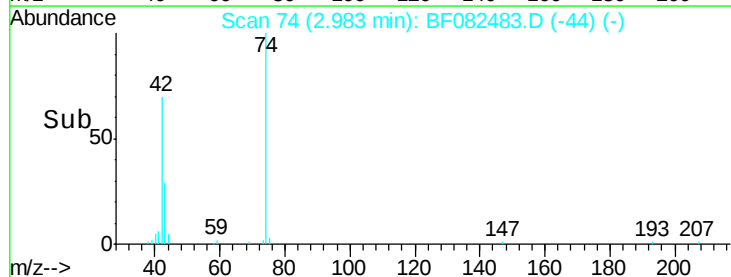
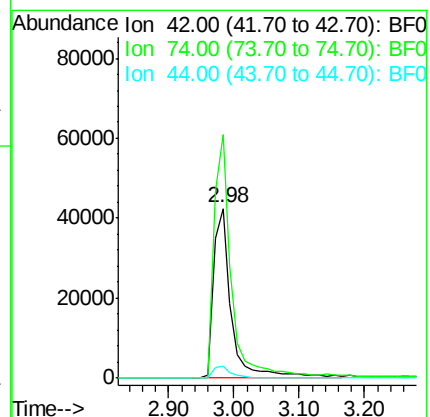
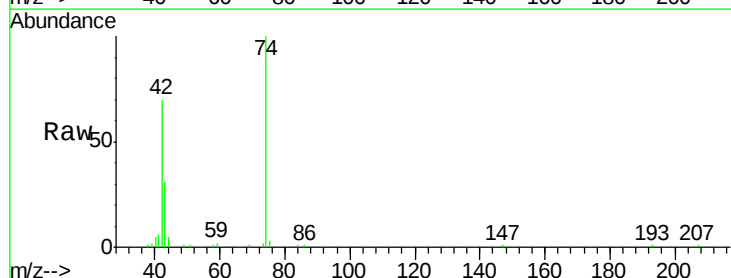
Tgt Ion: 42 Resp: 82120

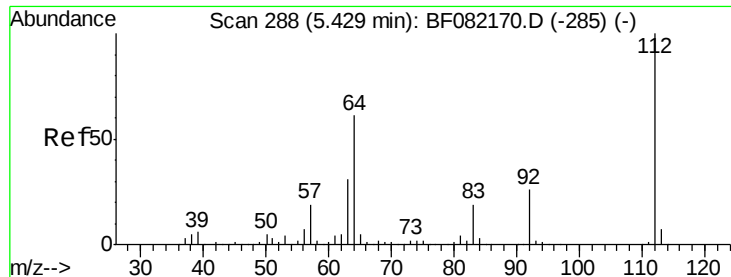
Ion Ratio Lower Upper

42 100

74 143.3 105.7 158.5

44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 136.29 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

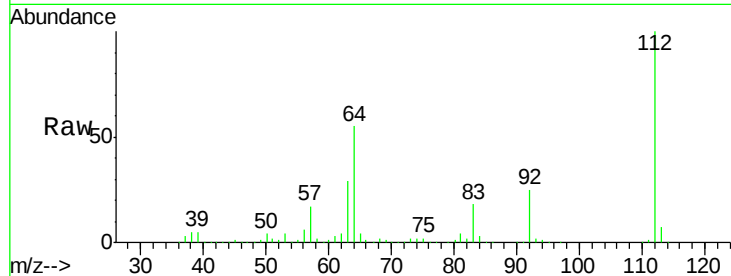
Tot Ion:112 Resp: 653865

Ion Ratio Lower Upper

112 100

64 55.4 48.6 73.0

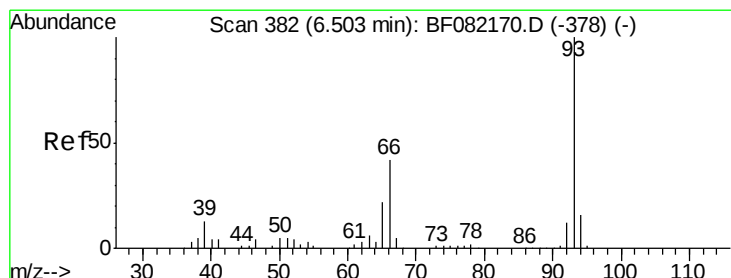
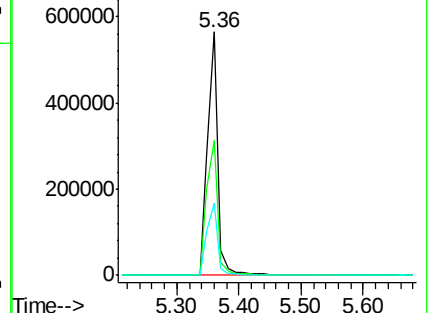
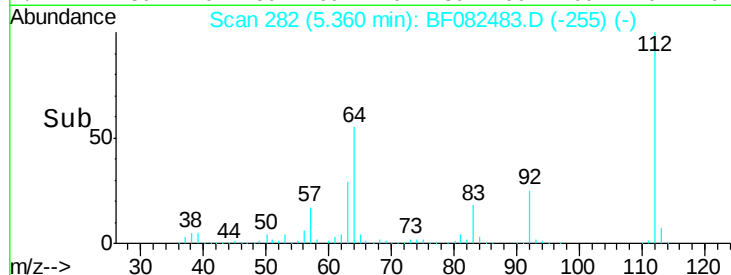
63 29.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.82 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

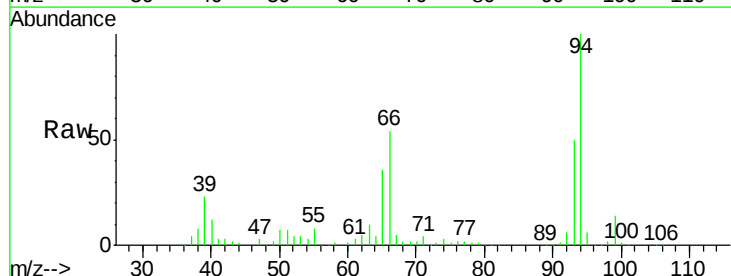
Tgt Ion: 93 Resp: 231965

Ion Ratio Lower Upper

93 100

66 107.3 34.2 51.2#

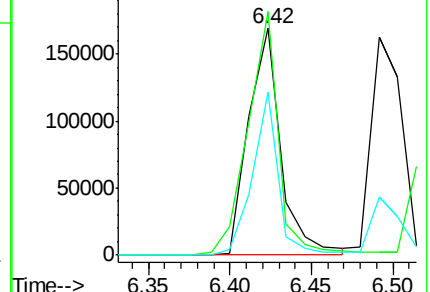
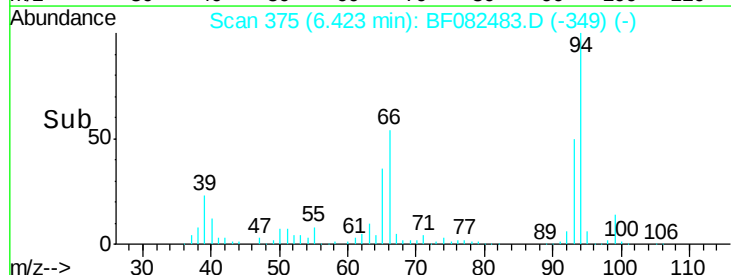
65 71.6 17.9 26.9#

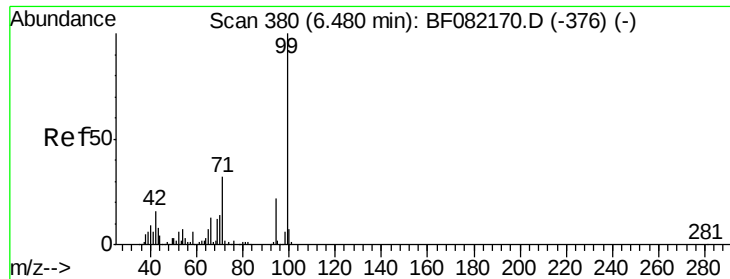


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.84 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

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ClientSampleId :

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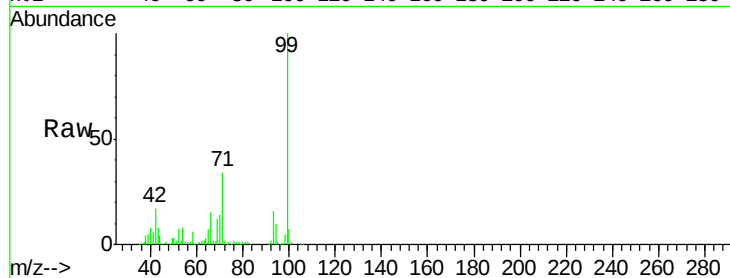
Tot Ion: 99 Resp: 798194

Ion Ratio Lower Upper

99 100

42 17.0 13.2 19.8

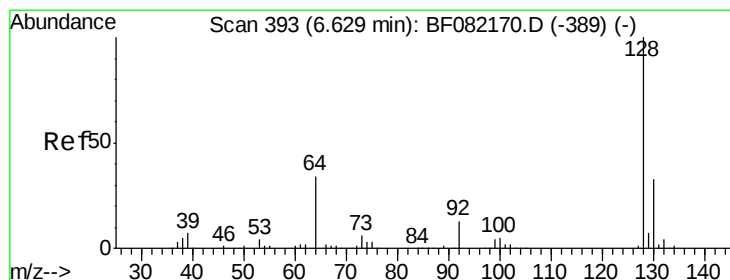
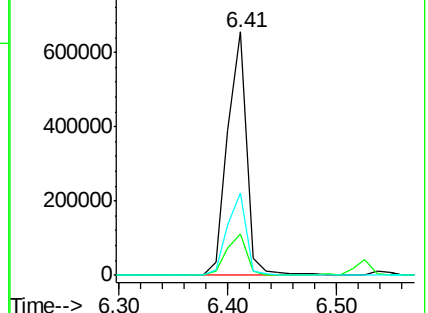
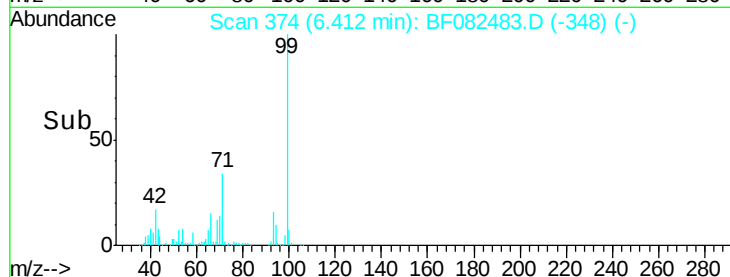
71 34.0 25.6 38.4



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: 38.06 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

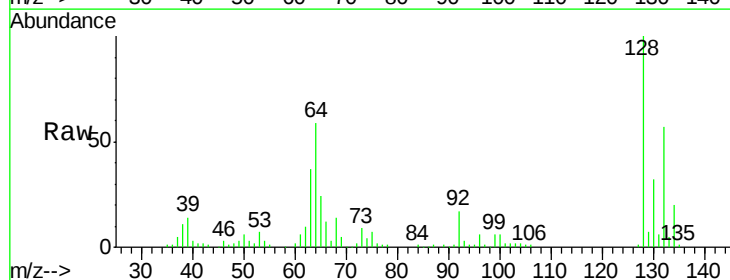
Tgt Ion: 128 Resp: 222912

Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

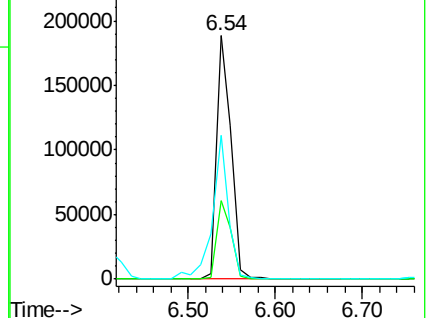
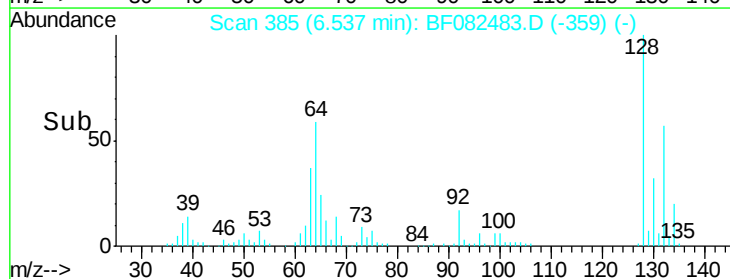
64 59.2 16.7 56.7#

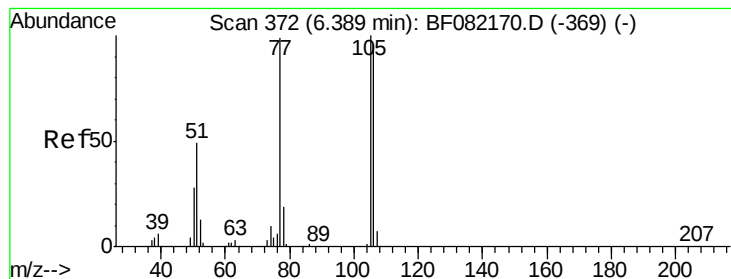


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.52 ng

RT: 6.30 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

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ClientSampleId :

PB86276BSD

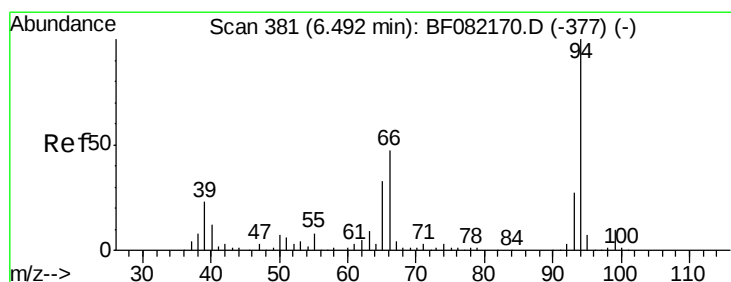
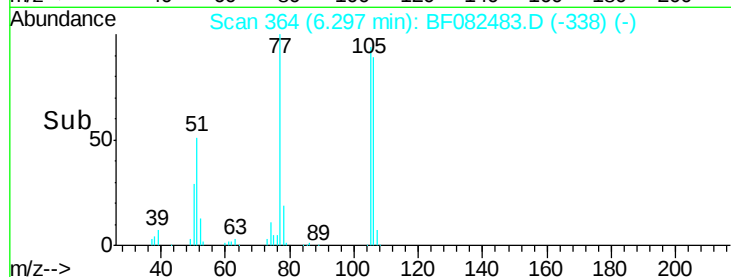
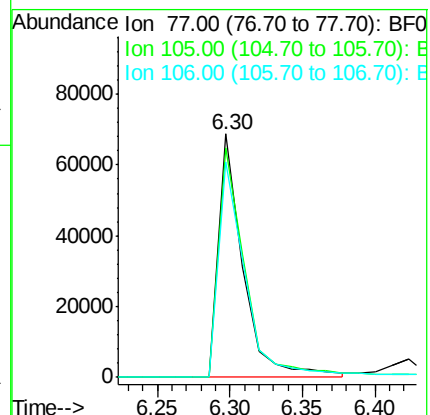
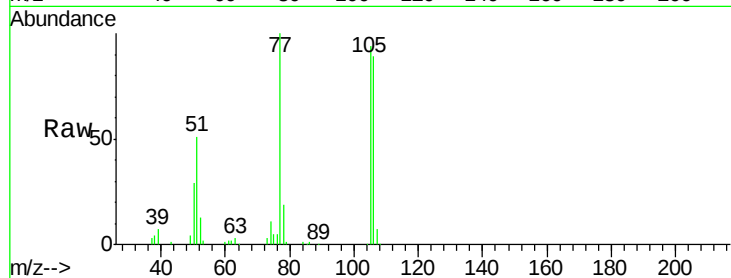
Tot Ion: 77 Resp: 81351

Ion Ratio Lower Upper

77 100

105 94.5 80.6 120.6

106 88.6 75.5 115.5



#10

Phenol

Concen: 43.16 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

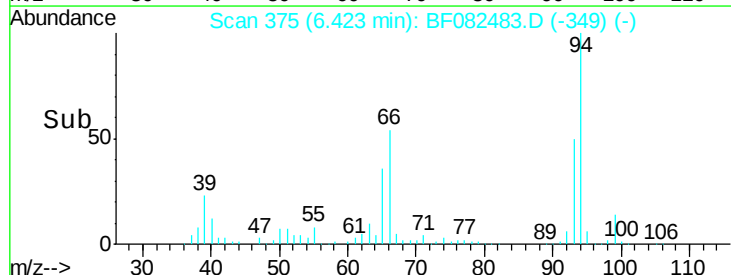
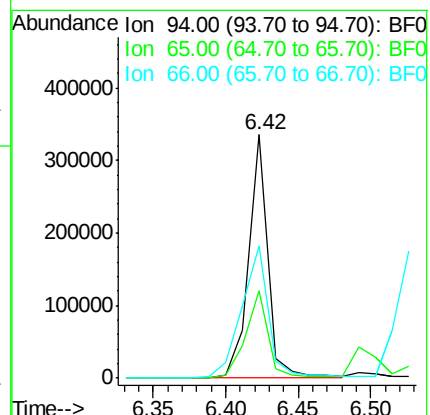
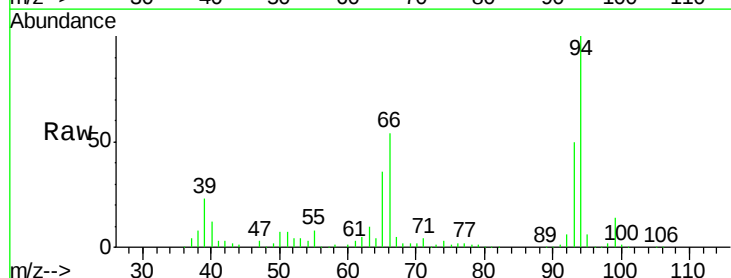
Tgt Ion: 94 Resp: 310688

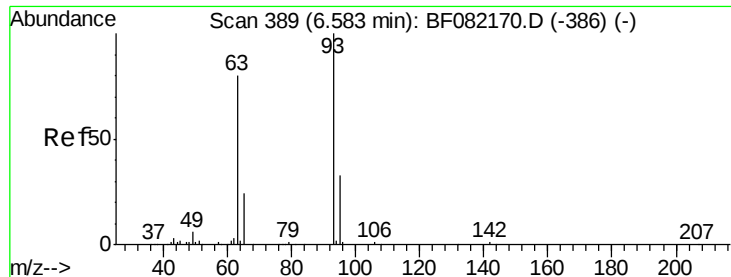
Ion Ratio Lower Upper

94 100

65 36.1 12.6 52.6

66 54.1 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 36.96 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

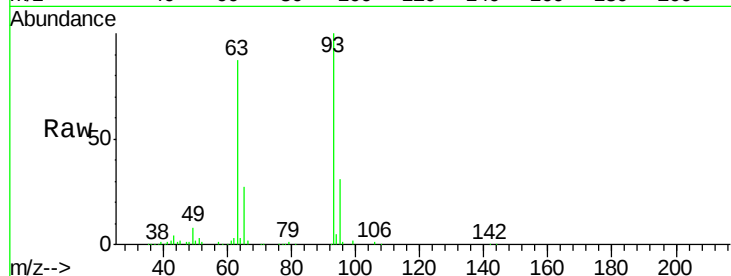
Tot Ion: 93 Resp: 224977

Ion Ratio Lower Upper

93 100

63 87.3 57.1 97.1

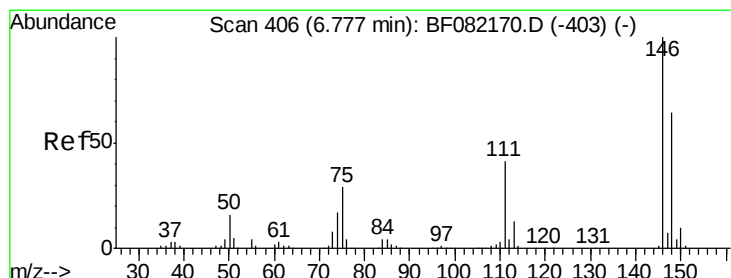
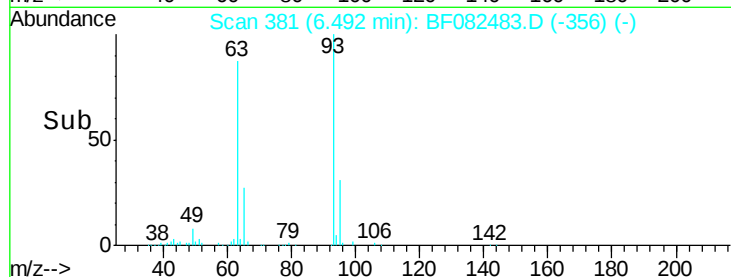
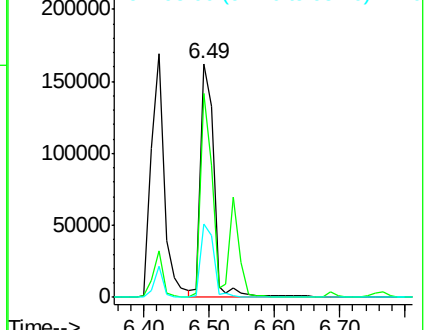
95 31.2 11.9 51.9



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: 36.69 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

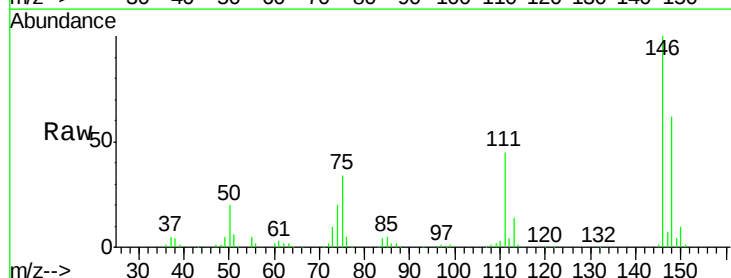
Tgt Ion: 146 Resp: 250243

Ion Ratio Lower Upper

146 100

148 62.1 51.4 77.2

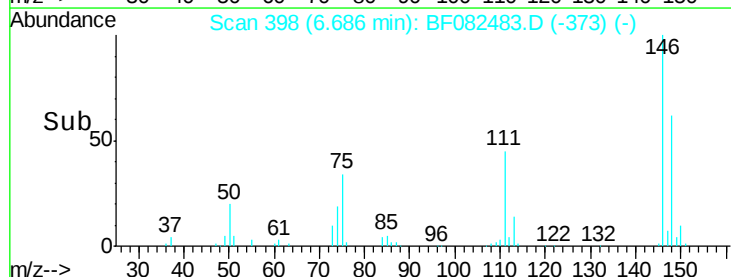
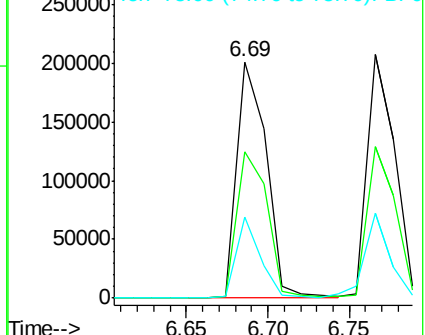
75 34.3 23.0 34.6

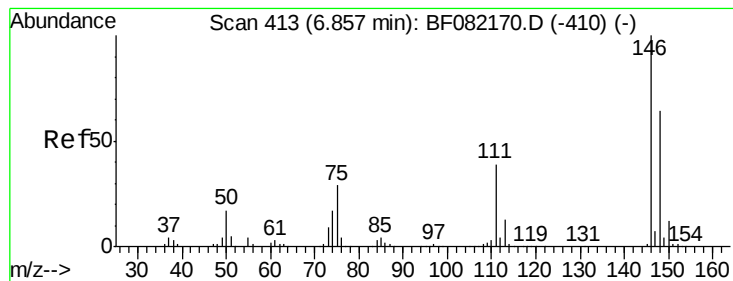


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.68 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

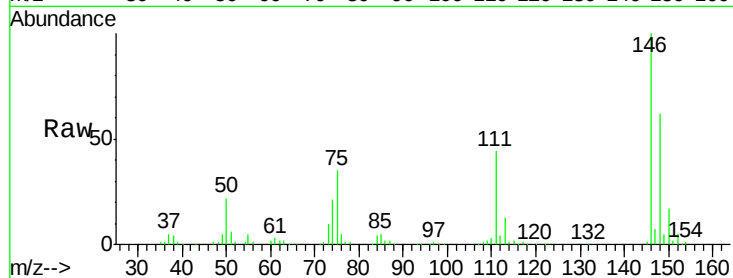
Tot Ion:146 Resp: 254186

Ion Ratio Lower Upper

146 100

148 62.0 51.0 76.4

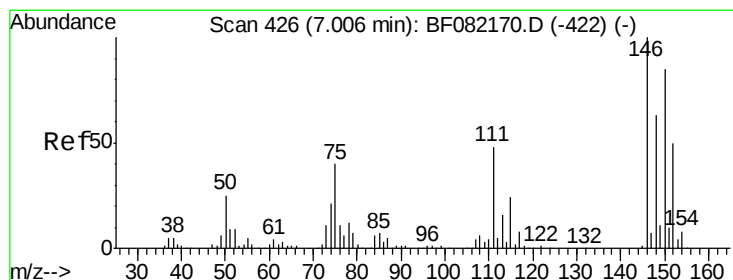
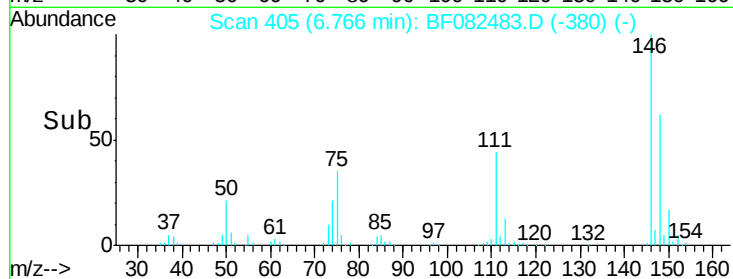
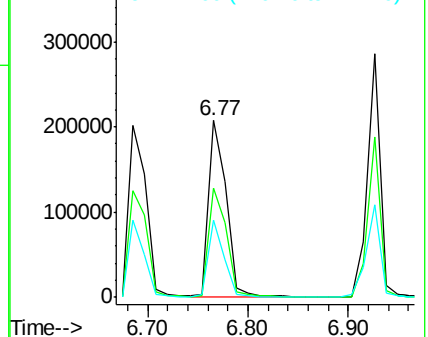
111 43.8 31.1 46.7



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: 37.80 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.16 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

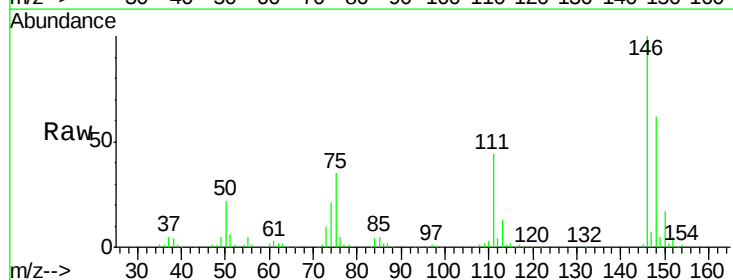
Tgt Ion:146 Resp: 255684

Ion Ratio Lower Upper

146 100

148 62.0 50.5 75.7

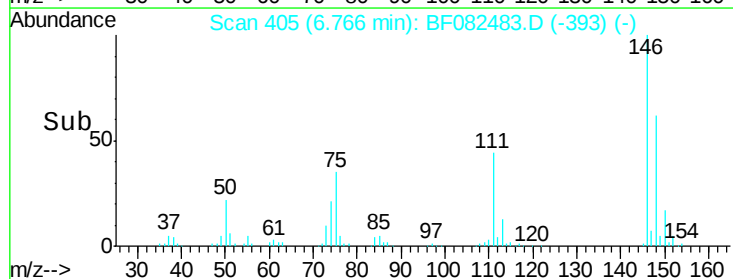
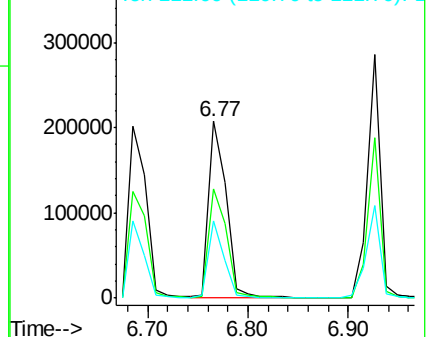
111 43.8 38.5 57.7

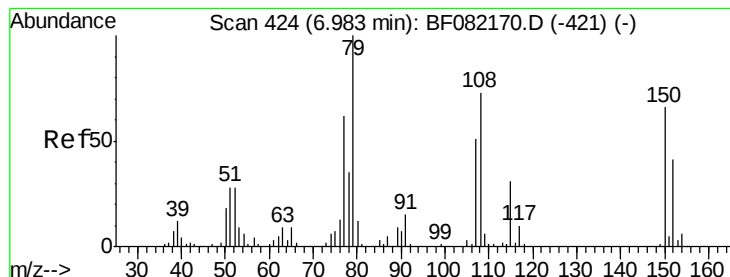


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.41 ng

RT: 6.91 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

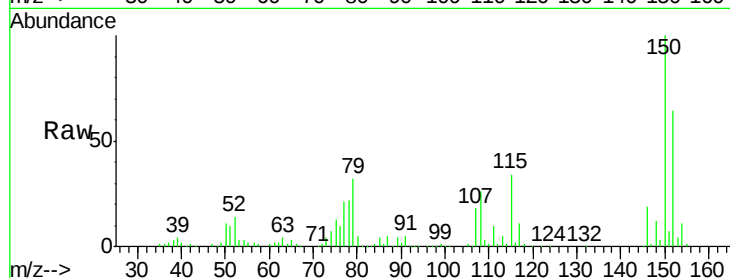
Tot Ion: 79 Resp: 169842

Ion Ratio Lower Upper

79 100

108 81.5 58.4 87.6

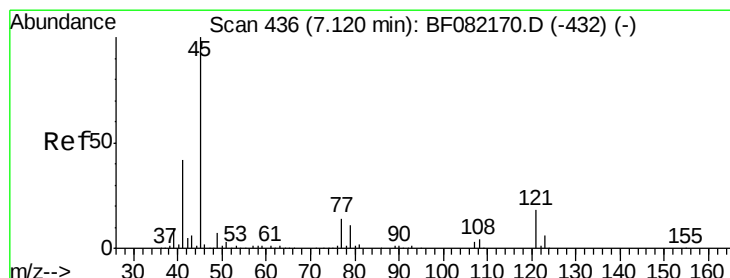
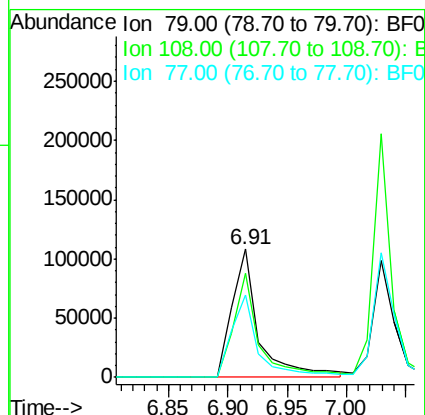
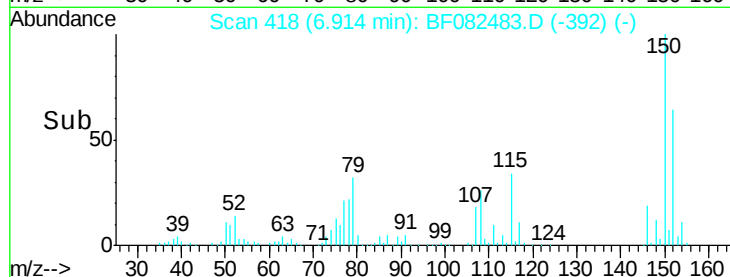
77 64.4 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.68 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

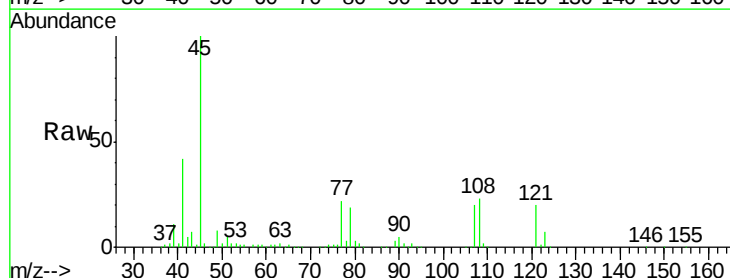
Tgt Ion: 45 Resp: 310937

Ion Ratio Lower Upper

45 100

77 21.6 0.0 34.5

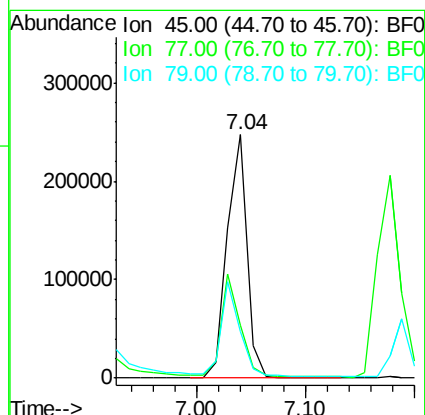
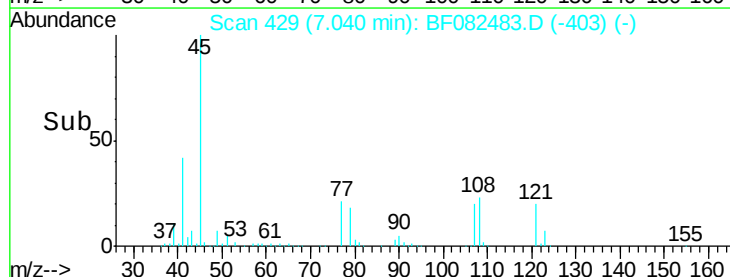
79 18.9 0.0 31.6

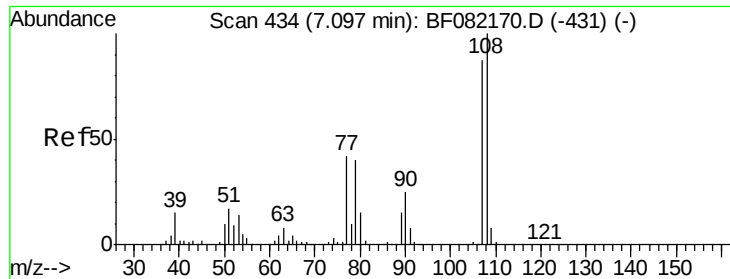


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.25 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

Tot Ion:107 Resp: 191060

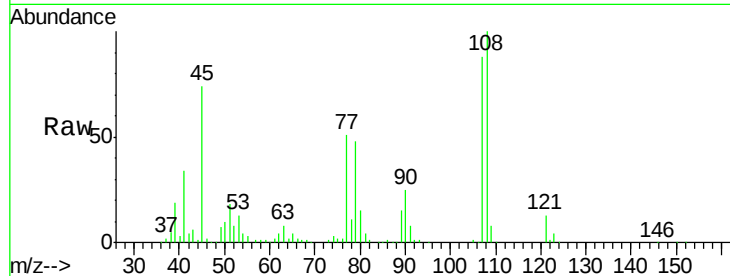
Ion Ratio Lower Upper

107 100

108 113.8 92.2 138.2

77 58.3 39.6 59.4

79 54.4 38.2 57.4

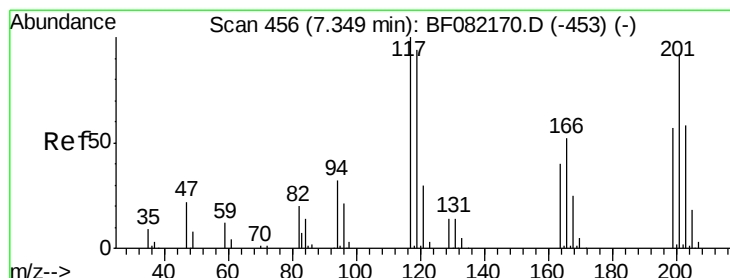
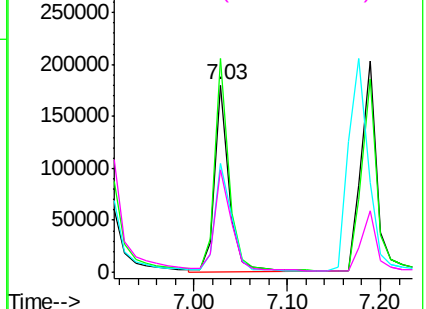
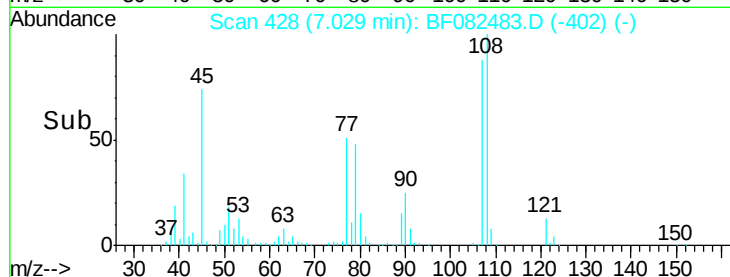


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.67 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

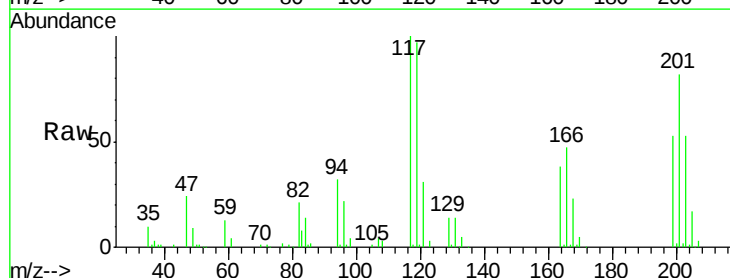
Tgt Ion:117 Resp: 86973

Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.2

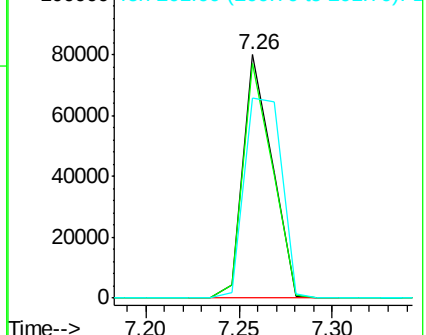
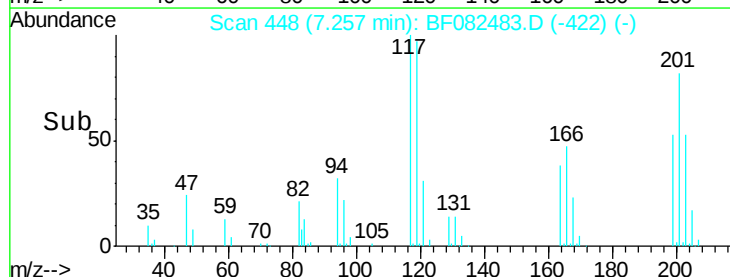
201 82.3 73.4 110.0

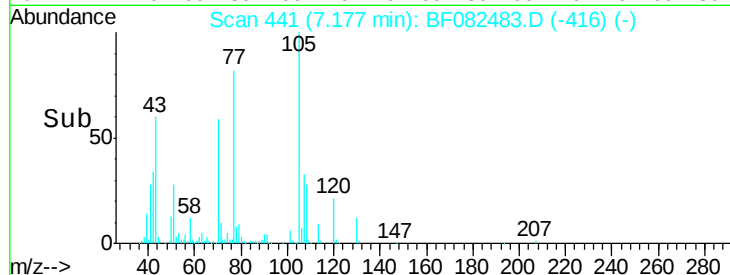
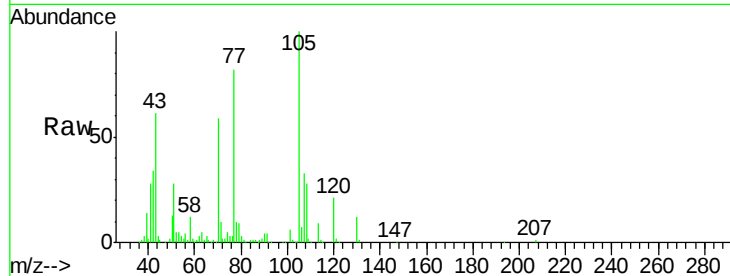
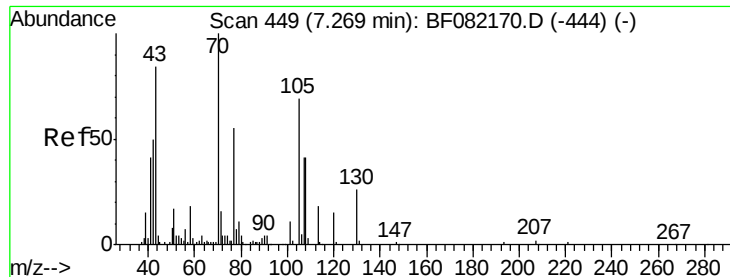


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

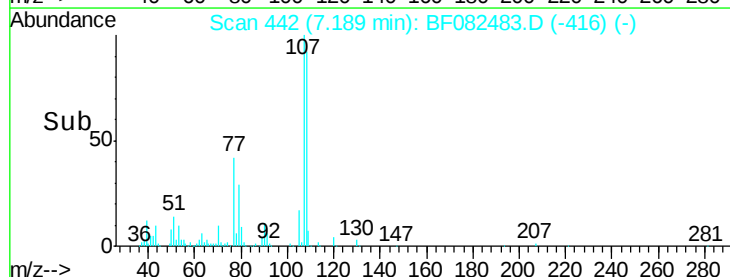
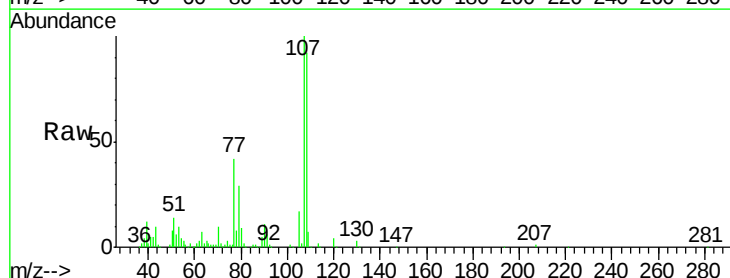
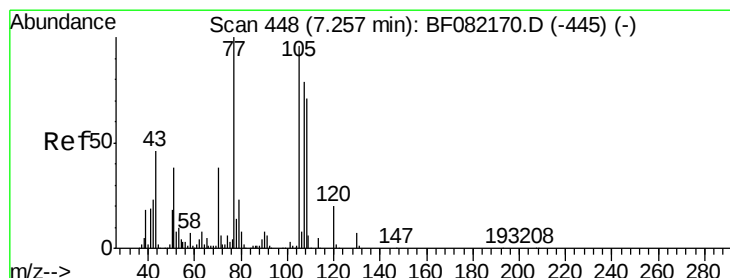
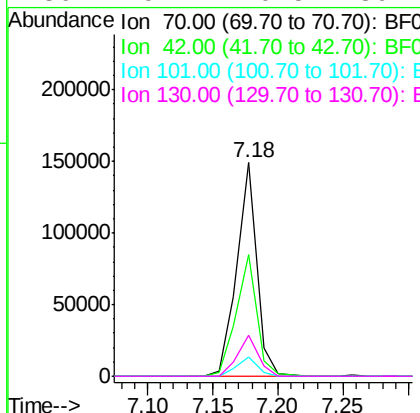




#19
n-Nitroso-di-n-propylamine
Concen: 36.10 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

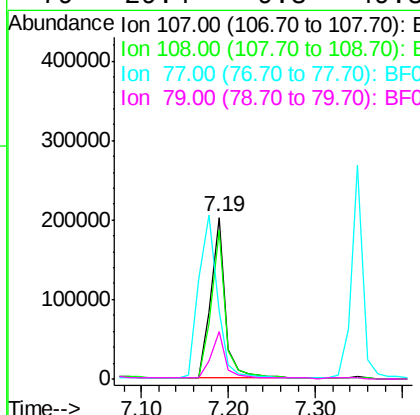
Instrument :
BNA_F
ClientSampleId :
PB86276BSD

Tot Ion: 70 Resp: 158286
Ion Ratio Lower Upper
70 100
42 57.2 39.8 59.8
101 9.3 8.6 13.0
130 19.4 20.5 30.7#



#20
3+4-Methylphenols
Concen: 43.69 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Tgt Ion: 107 Resp: 241153
Ion Ratio Lower Upper
107 100
108 91.7 69.9 109.9
77 42.2 106.0 146.0#
79 29.4 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: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

Tot Ion:136 Resp: 399343

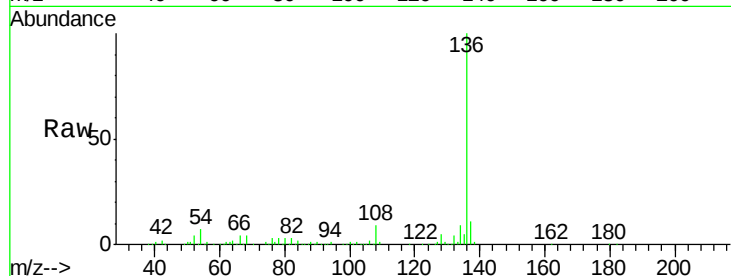
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.0 7.5 11.3#

68 4.4 4.6 7.0#

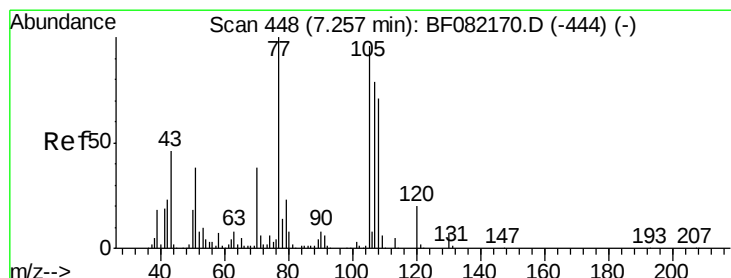
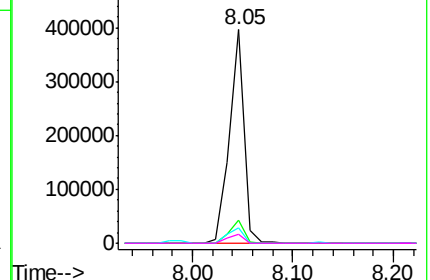
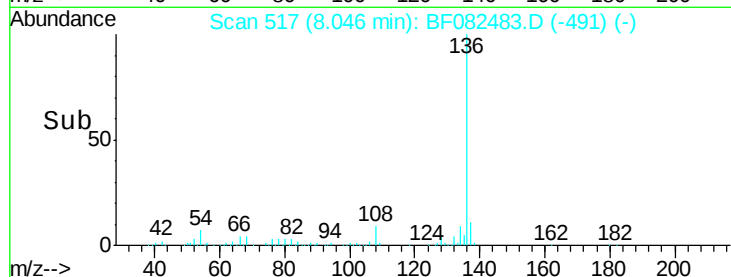


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.62 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Tgt Ion:105 Resp: 320848

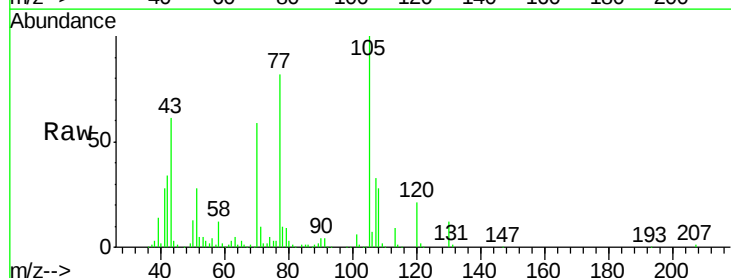
Ion Ratio Lower Upper

105 100

71 9.8 5.4 8.0#

51 28.4 31.8 47.6#

120 20.8 16.3 24.5

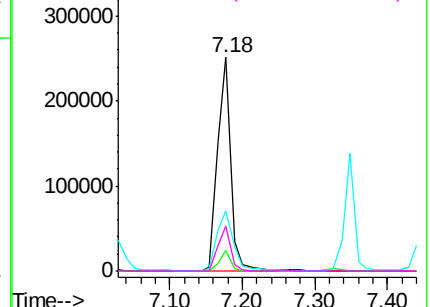
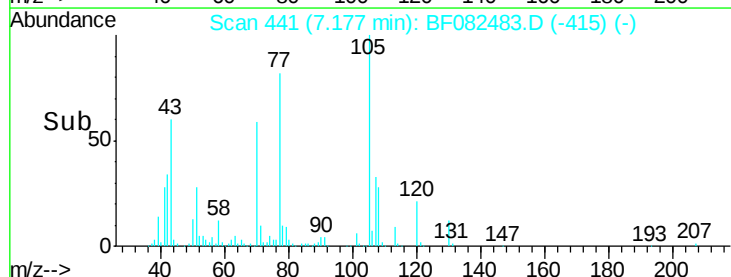


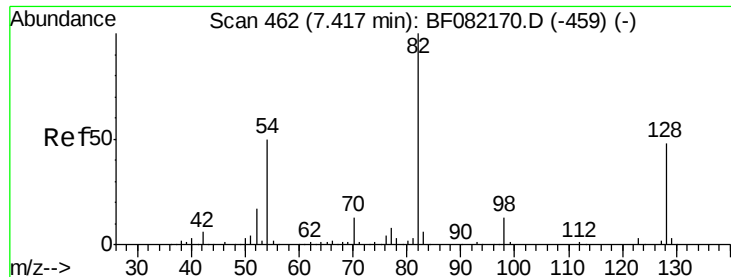
Abundance Ion 105.00 (104.70 to 105.70): E

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

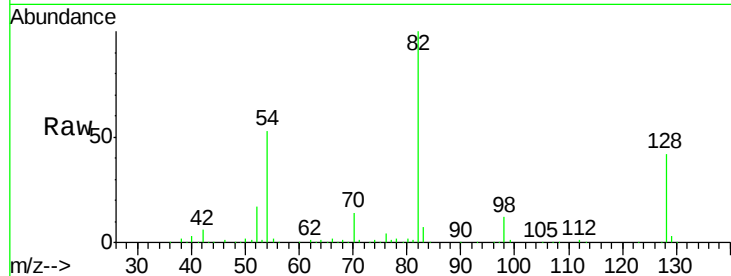




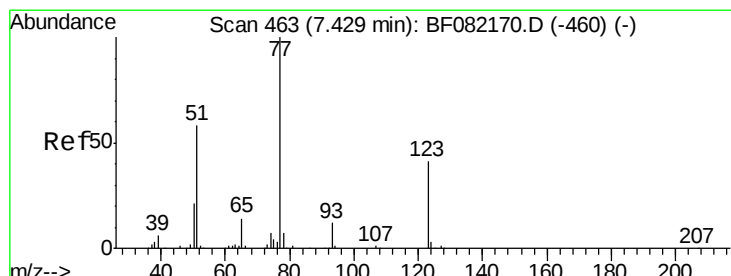
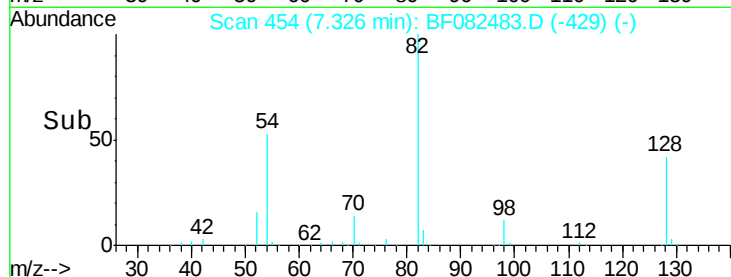
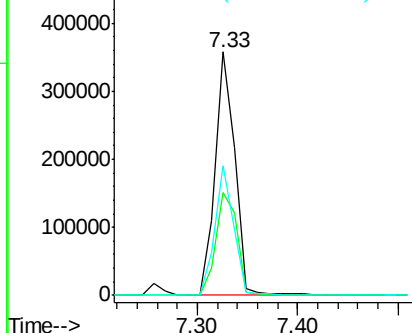
#23
 Nitrobenzene-d5
 Concen: 81.96 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Tot Ion: 82 Resp: 487372
 Ion Ratio Lower Upper
 82 100
 128 42.3 38.7 58.1
 54 53.5 40.1 60.1

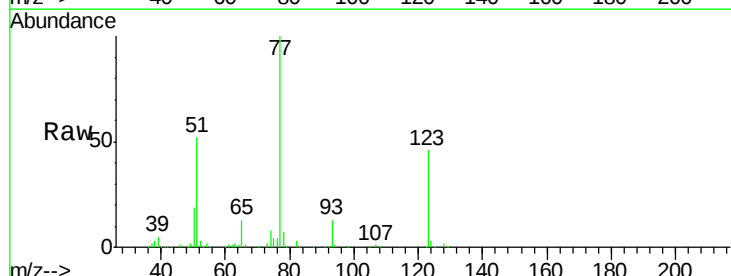


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

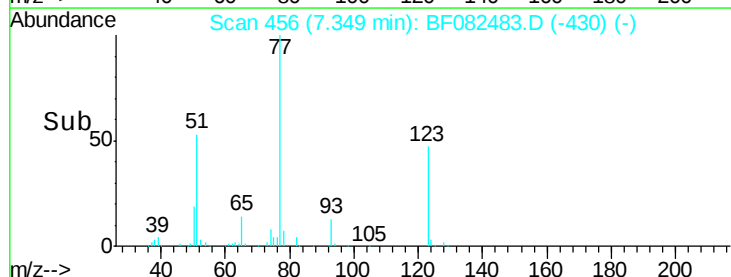
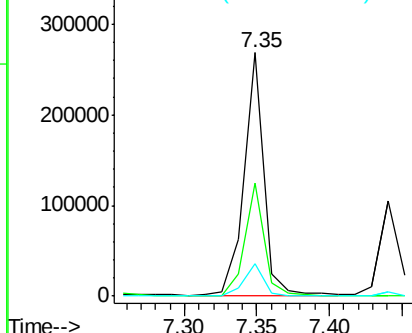


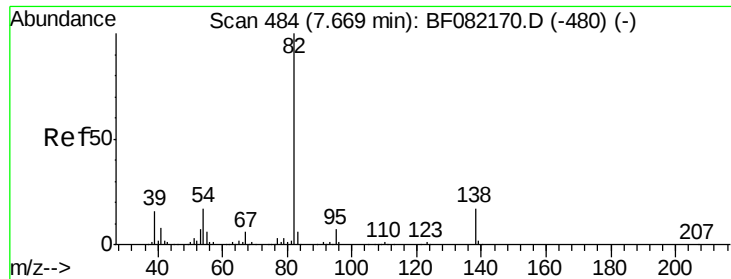
#24
 Nitrobenzene
 Concen: 39.01 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion: 77 Resp: 251112
 Ion Ratio Lower Upper
 77 100
 123 46.2 33.0 49.4
 65 13.4 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: 37.25 ng

RT: 7.59 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

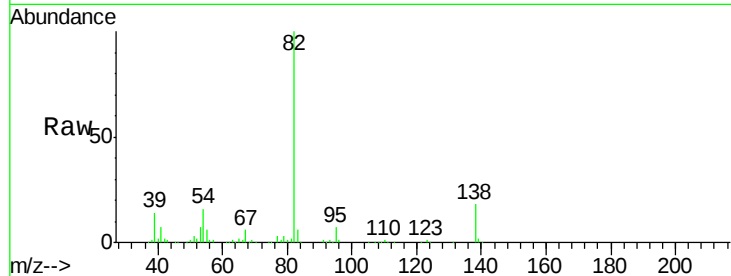
Tot Ion: 82 Resp: 447064

Ion Ratio Lower Upper

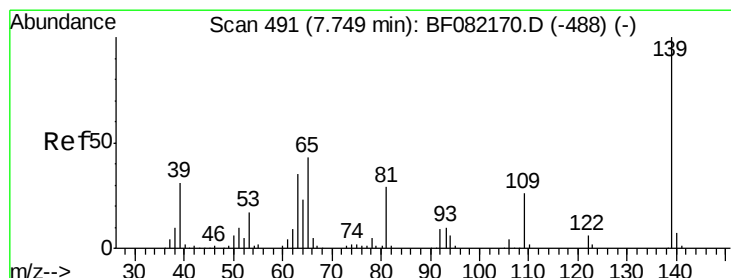
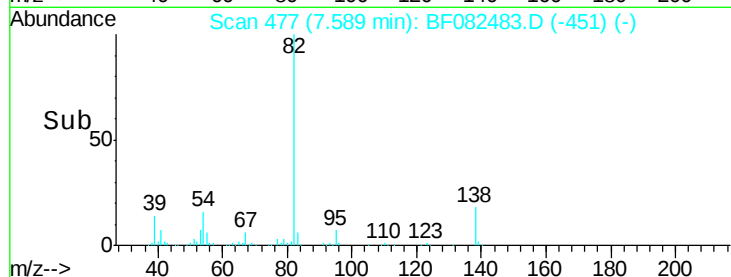
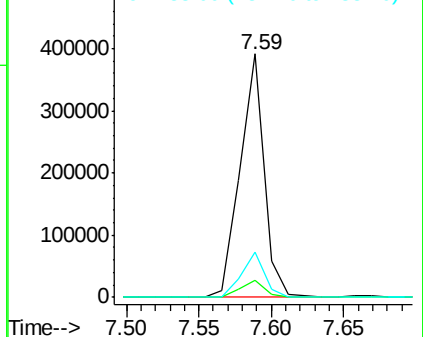
82 100

95 7.1 5.6 8.4

138 18.5 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: 40.66 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

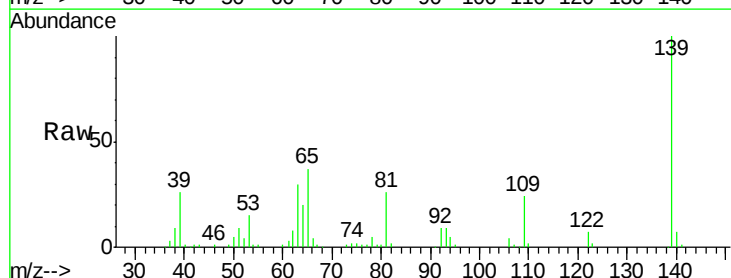
Tgt Ion: 139 Resp: 130682

Ion Ratio Lower Upper

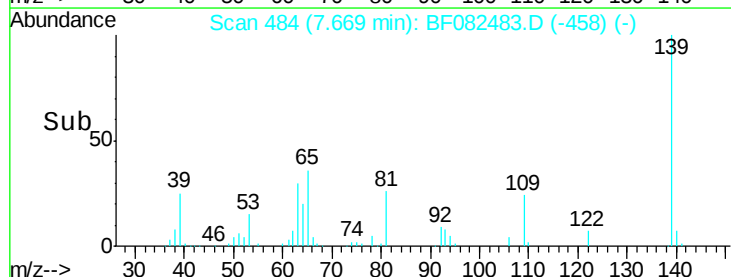
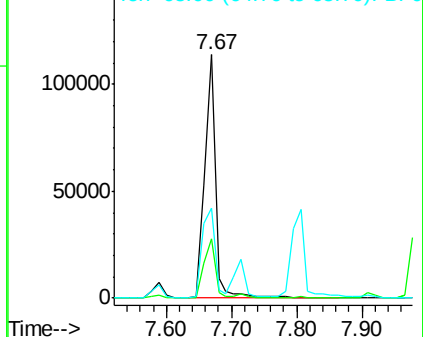
139 100

109 24.3 20.6 31.0

65 37.0 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: 43.29 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

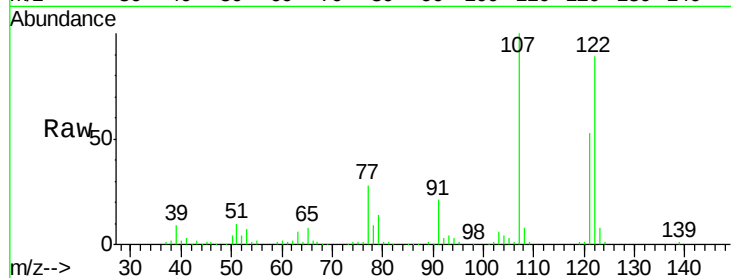
Tot Ion:122 Resp: 224142

Ion Ratio Lower Upper

122 100

107 112.3 94.0 141.0

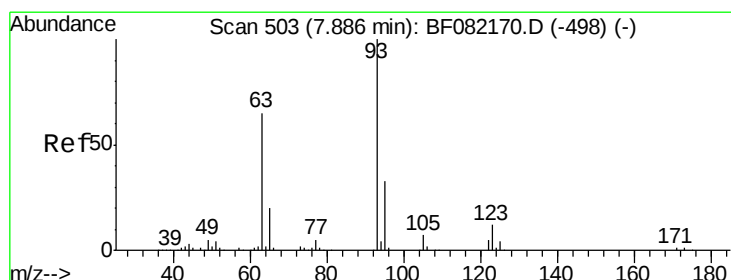
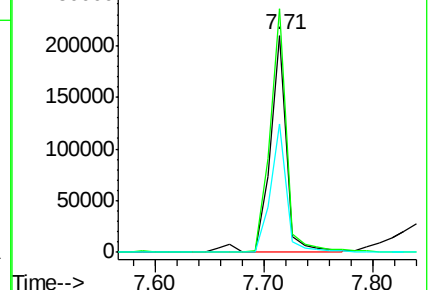
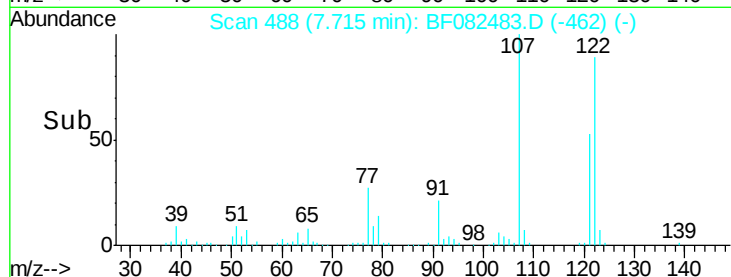
121 59.4 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.35 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

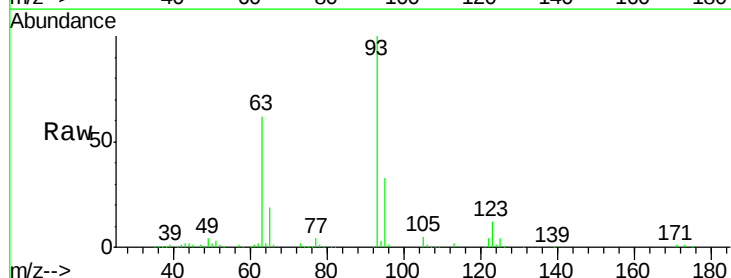
Tgt Ion: 93 Resp: 274807

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

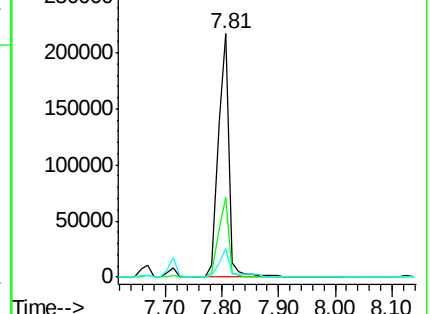
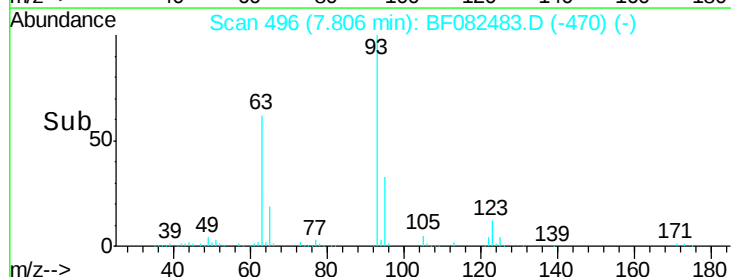
123 11.9 9.5 14.3

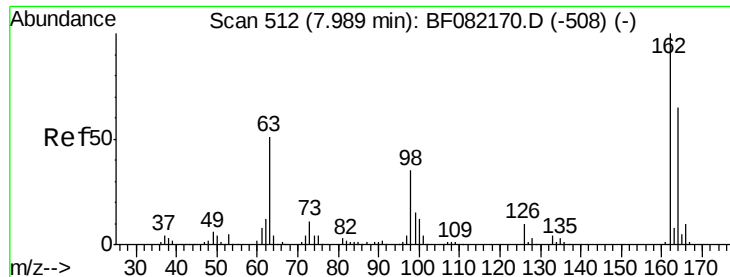


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

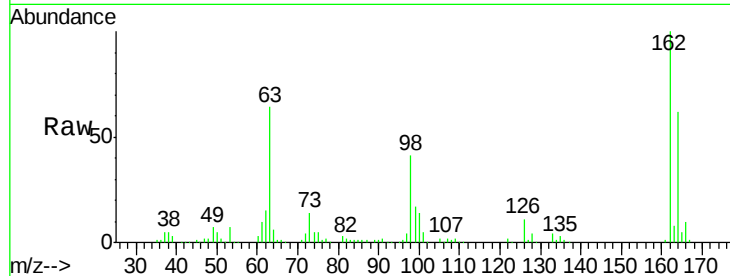




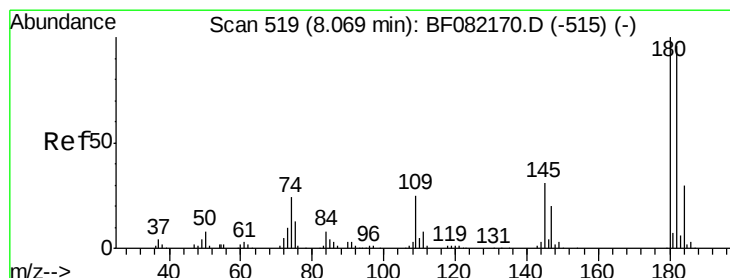
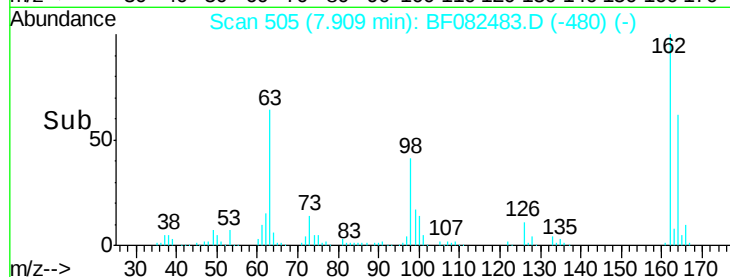
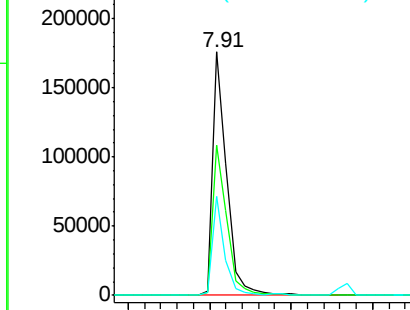
#29
 2,4-Dichlorophenol
 Concen: 41.19 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Tot Ion:162 Resp: 213197
 Ion Ratio Lower Upper
 162 100
 164 61.7 44.6 84.6
 98 40.6 15.0 55.0

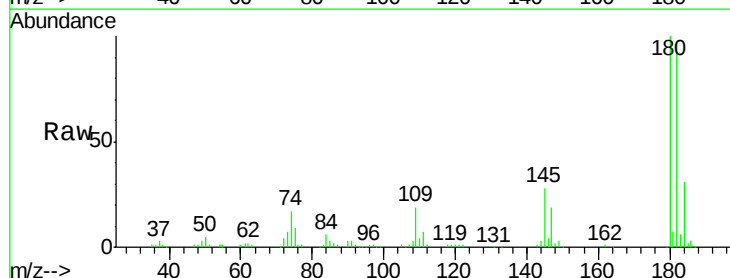


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

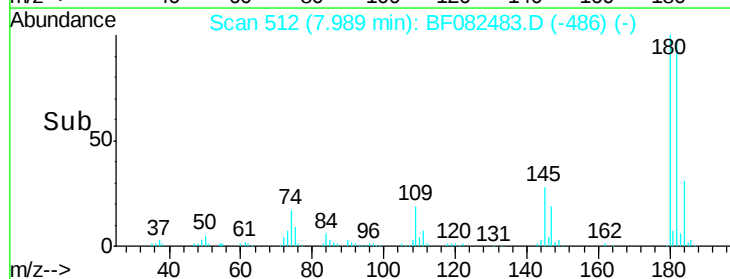
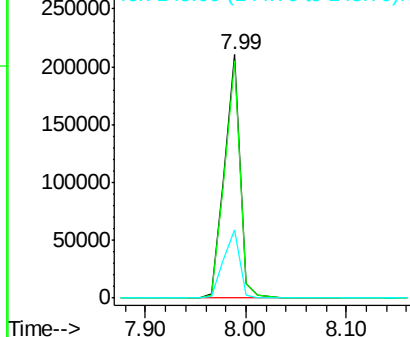


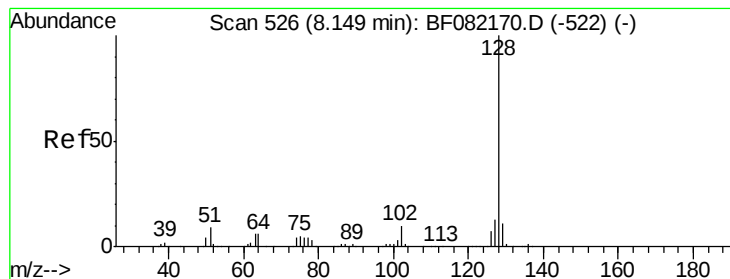
#30
 1,2,4-Trichlorobenzene
 Concen: 38.16 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:180 Resp: 227649
 Ion Ratio Lower Upper
 180 100
 182 97.3 77.0 115.4
 145 27.8 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: 38.86 ng

RT: 8.07 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

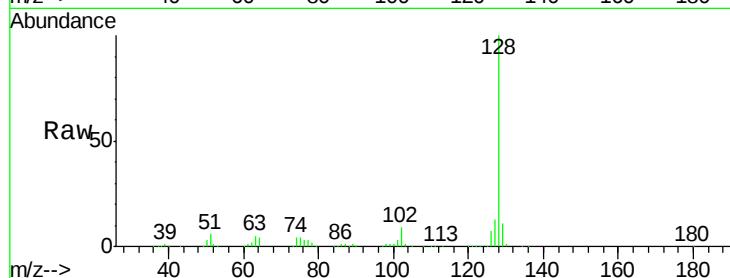
Tot Ion:128 Resp: 672667

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

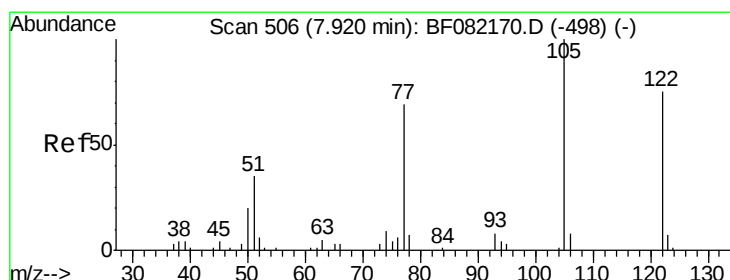
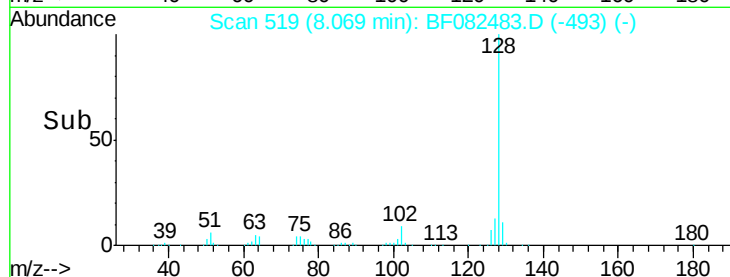
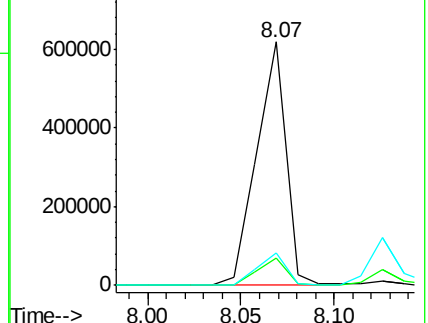
127 13.4 10.7 16.1



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: 32.06 ng

RT: 7.86 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

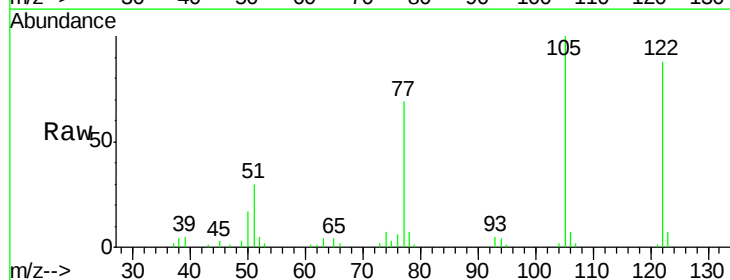
Tgt Ion:122 Resp: 111420

Ion Ratio Lower Upper

122 100

105 113.7 104.4 144.4

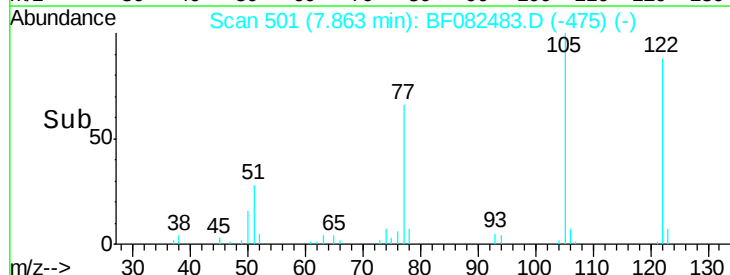
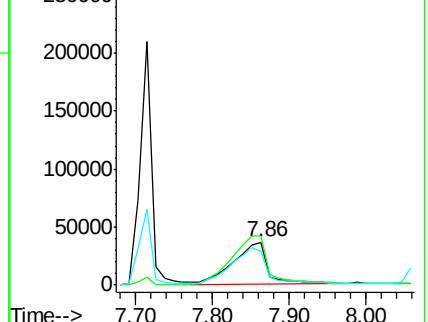
77 78.6 69.0 109.0



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

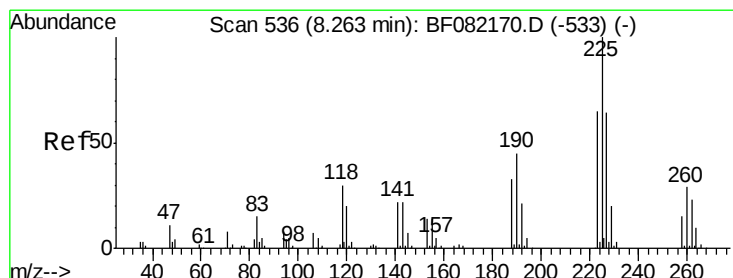
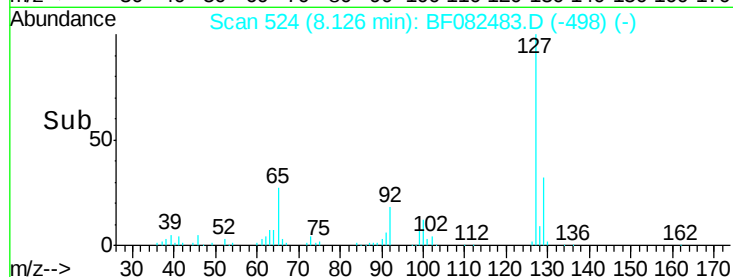
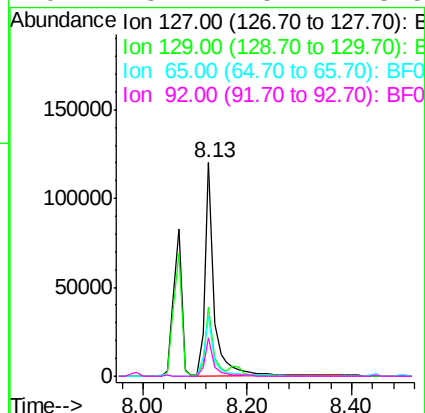
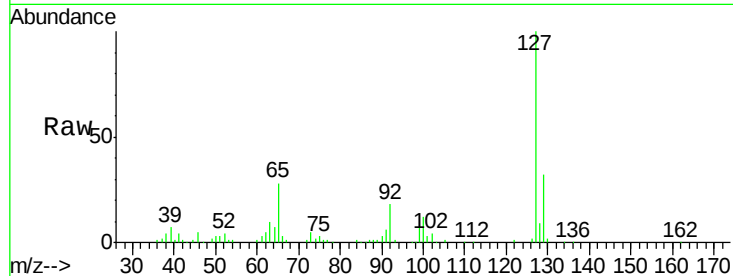




#33
4-Chloroaniline
Concen: 20.35 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

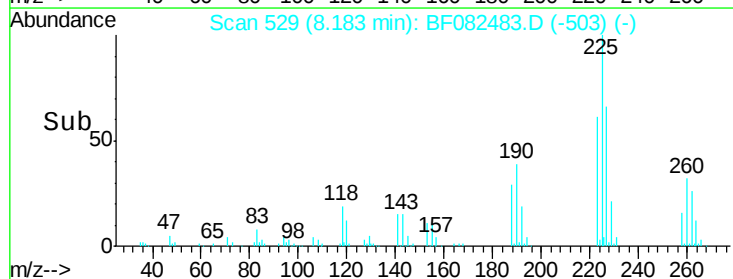
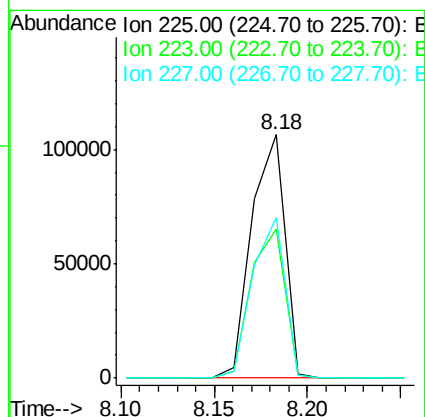
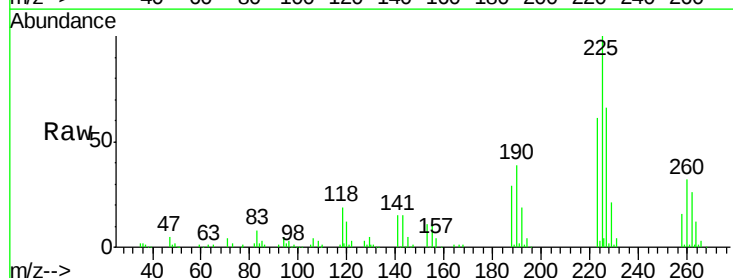
Instrument :
BNA_F
ClientSampleId :
PB86276BSD

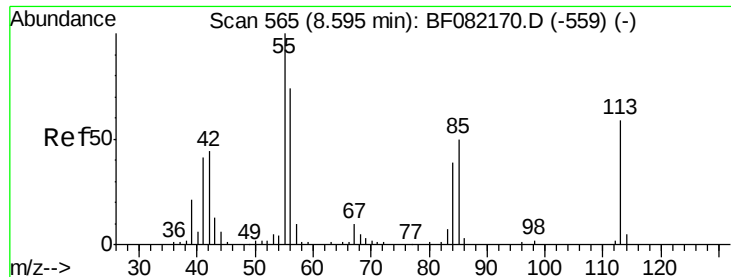
Tot Ion:	127	Resp:	146312
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.4	24.4	36.6
92	18.2	15.7	23.5



#34
Hexachlorobutadiene
Concen: 35.35 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Tgt Ion:	225	Resp:	131427
Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.2	78.2
227	65.9	51.3	76.9

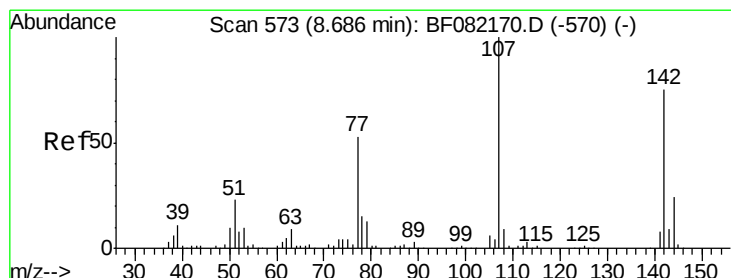
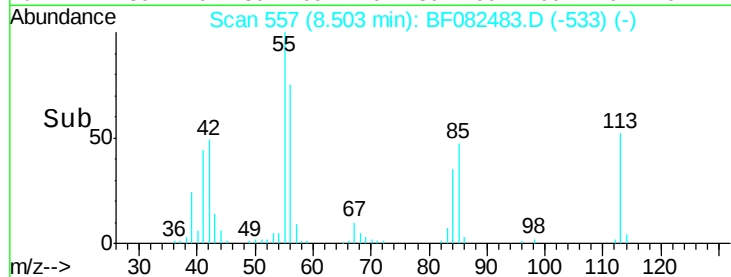
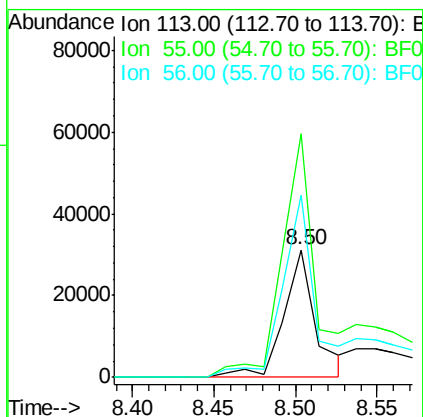
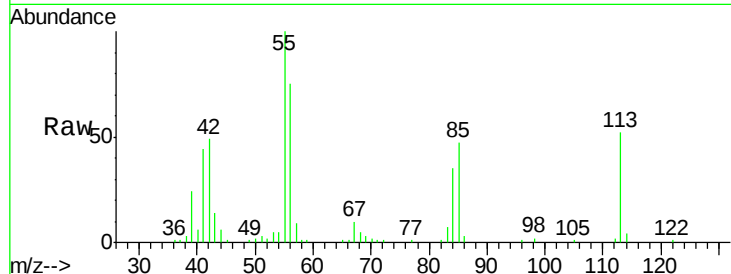




#35
 Caprolactam
 Concen: 28.09 ng
 RT: 8.50 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

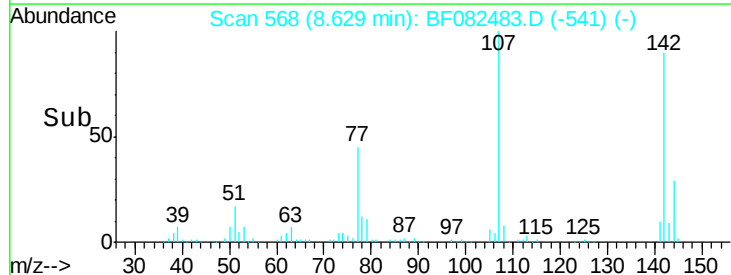
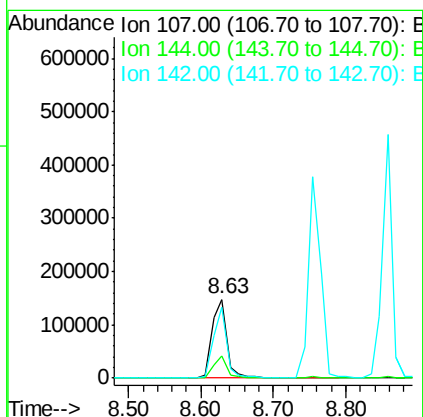
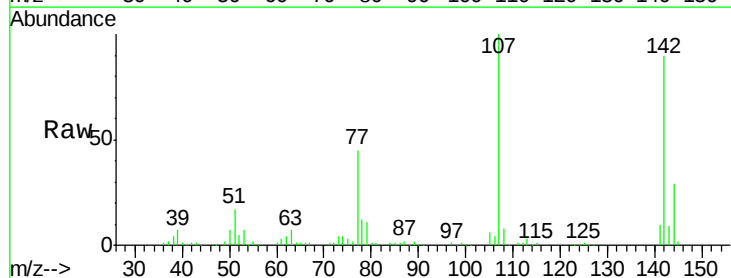
Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

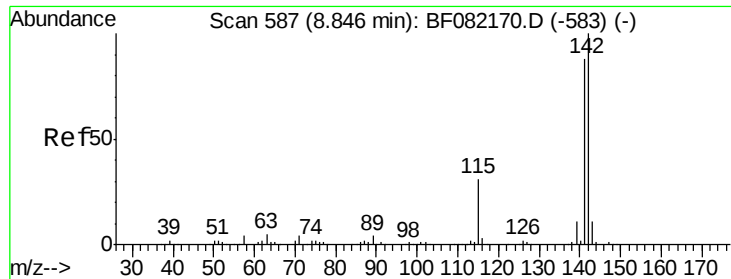
Tot Ion:113 Resp: 42199
 Ion Ratio Lower Upper
 113 100
 55 191.0 149.7 189.7#
 56 143.2 105.4 145.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.11 ng
 RT: 8.63 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:107 Resp: 213166
 Ion Ratio Lower Upper
 107 100
 144 28.9 19.3 28.9
 142 90.1 59.9 89.9#

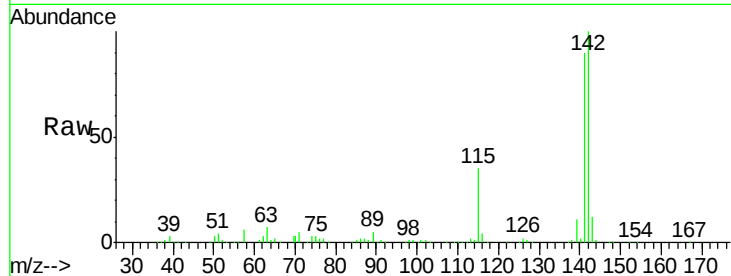




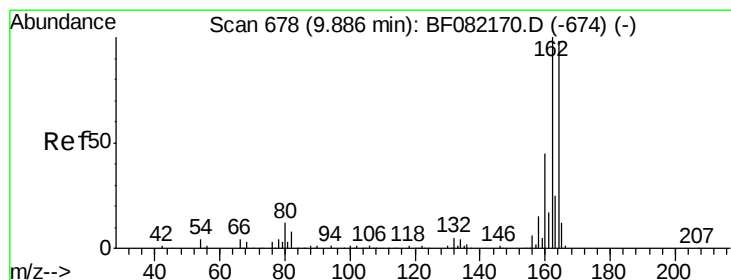
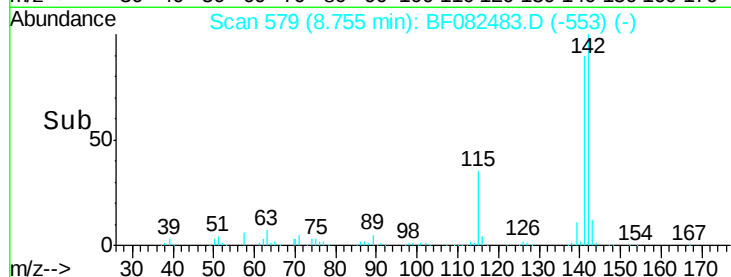
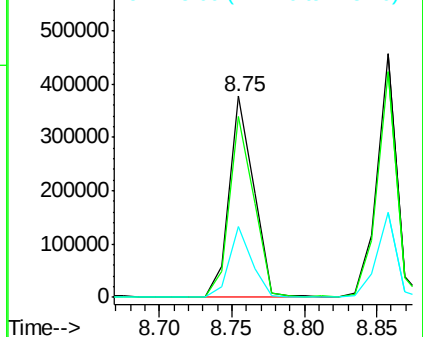
#37
2-Methylnaphthalene
Concen: 36.88 ng
RT: 8.75 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Instrument :
BNA_F
ClientSampleId :
PB86276BSD

Tot Ion:142 Resp: 442615
Ion Ratio Lower Upper
142 100
141 89.9 70.4 105.6
115 35.2 24.6 37.0

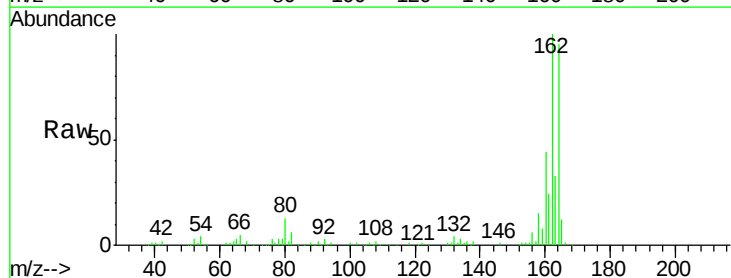


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

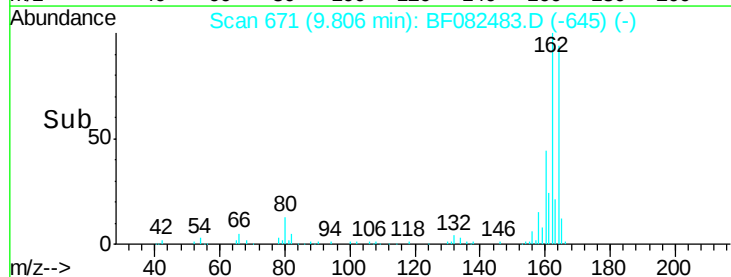
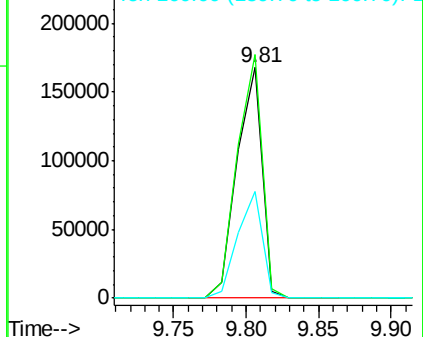


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Tgt Ion:164 Resp: 201558
Ion Ratio Lower Upper
164 100
162 105.6 81.6 122.4
160 46.1 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

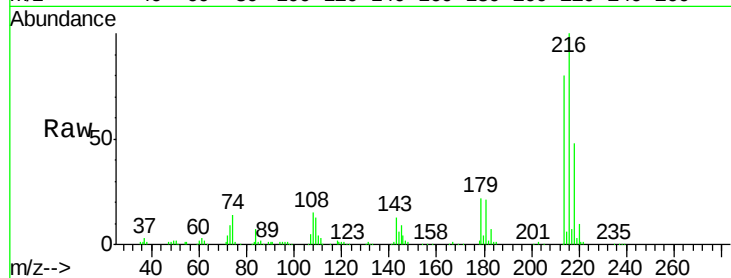




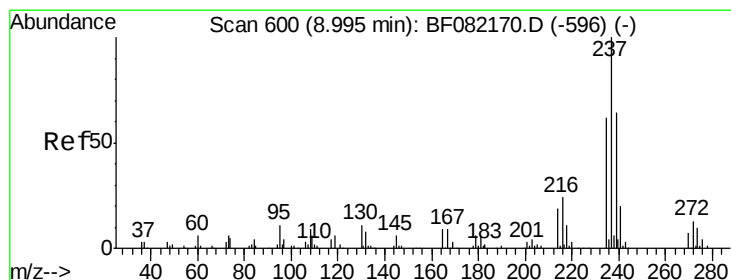
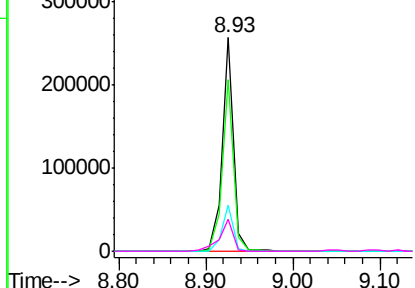
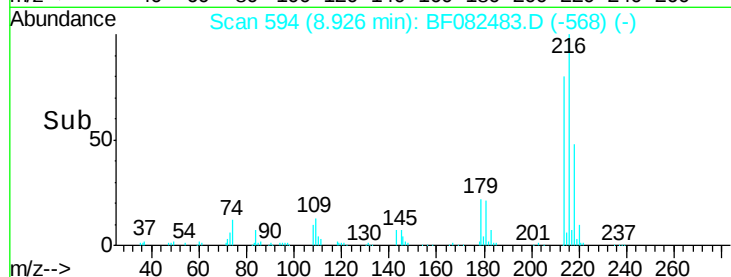
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.43 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Tot Ion:216	Resp:	236373
Ion Ratio	Lower	Upper
216 100		
214 79.8	64.6	97.0
179 21.5	17.6	26.4
108 18.2	14.5	21.7

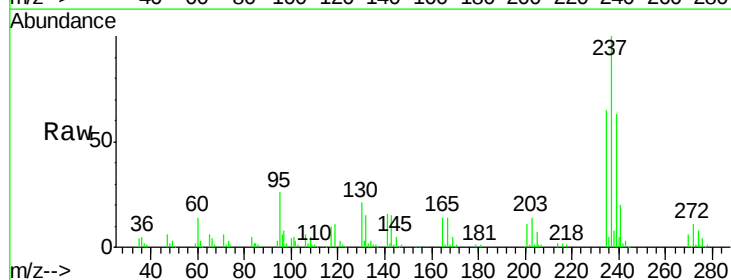


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

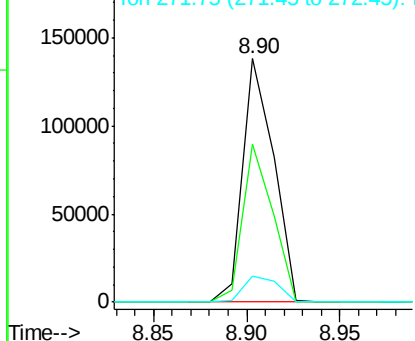
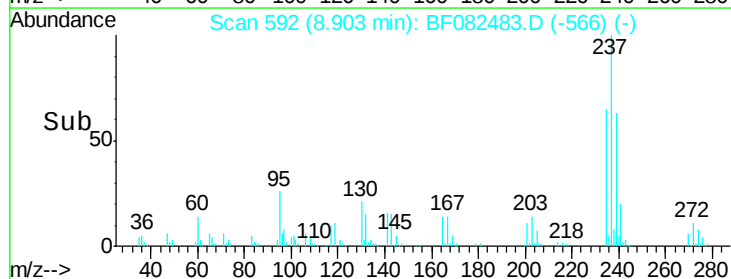


#40
 Hexachlorocyclopentadiene
 Concen: 55.30 ng
 RT: 8.90 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt	Ion:237	Resp:	159071
Ion	Ratio	Lower	Upper
237	100		
235	64.8	41.7	81.7
272	10.7	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

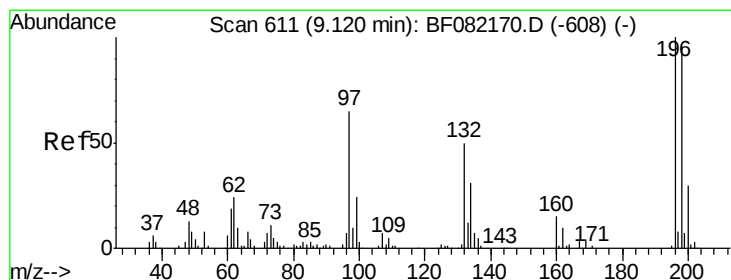
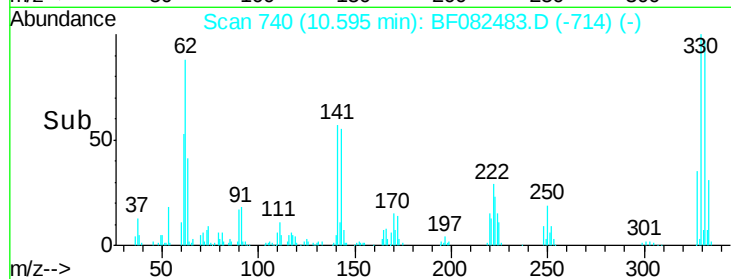
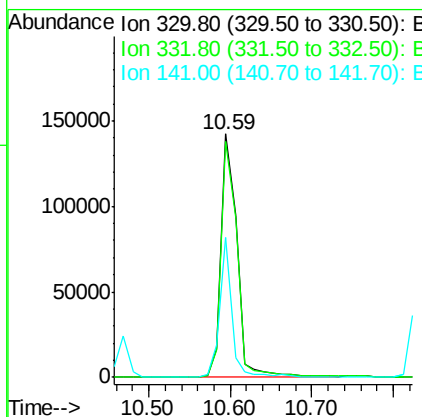
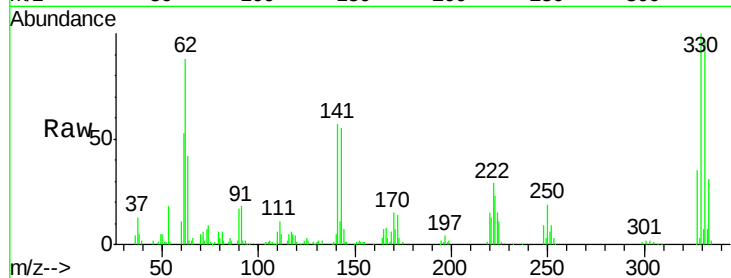




#41
 2,4,6-Tribromophenol
 Concen: 101.77 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

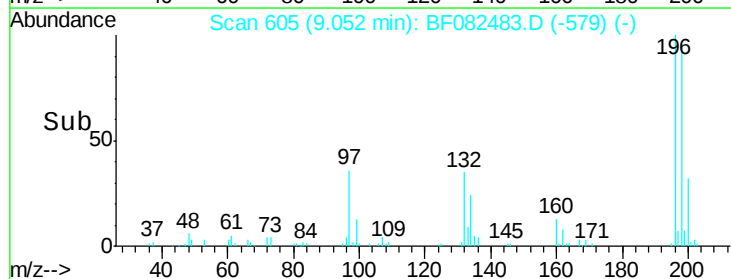
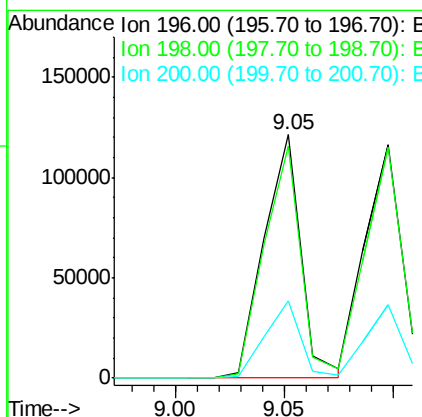
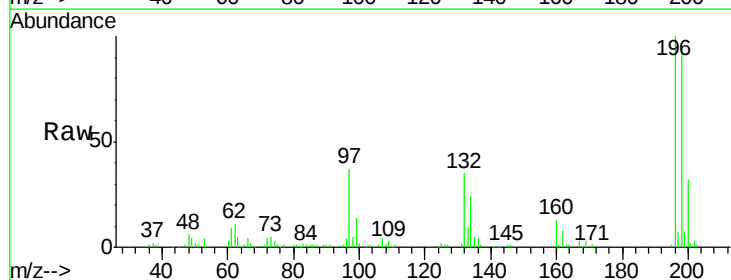
Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

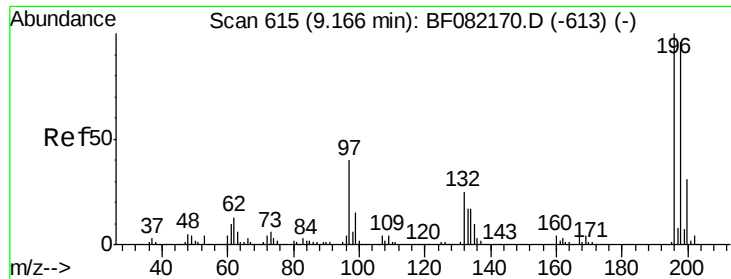
Tot Ion:330 Resp: 192363
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.1 115.7
 141 45.2 29.8 44.8#



#42
 2,4,6-Trichlorophenol
 Concen: 36.08 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:196 Resp: 143659
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.6 115.0
 200 31.9 23.7 35.5

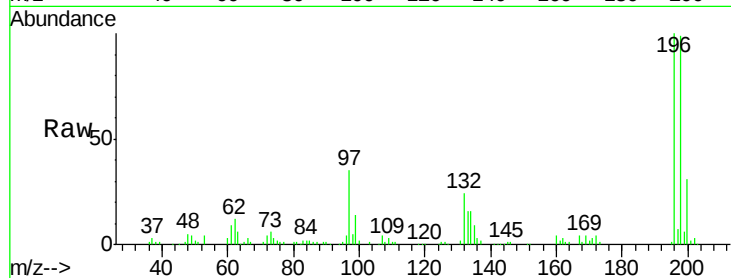




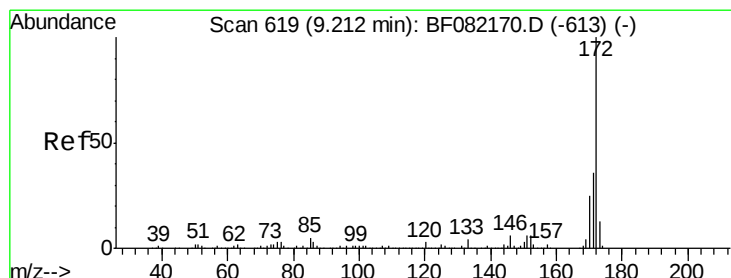
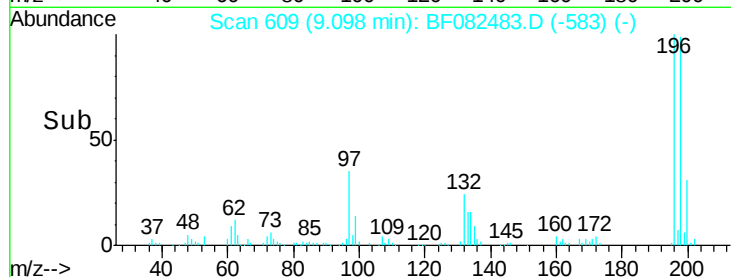
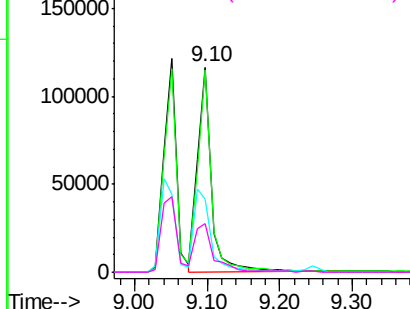
#43
 2,4,5-Trichlorophenol
 Concen: 36.16 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Tot Ion:196 Resp: 155988
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.0 115.4
 97 35.4 31.9 47.9
 132 23.9 20.3 30.5

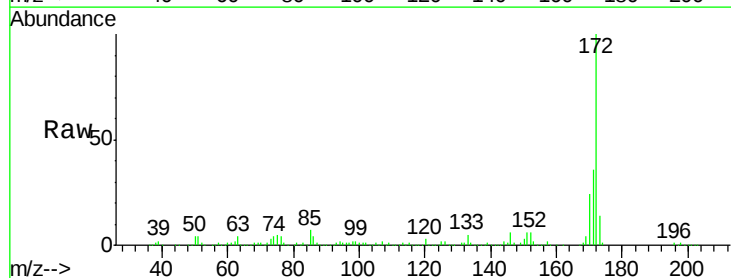


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

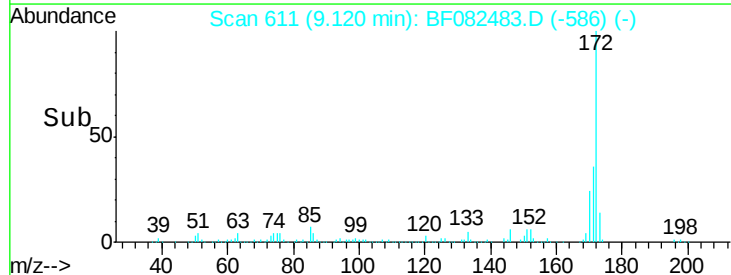
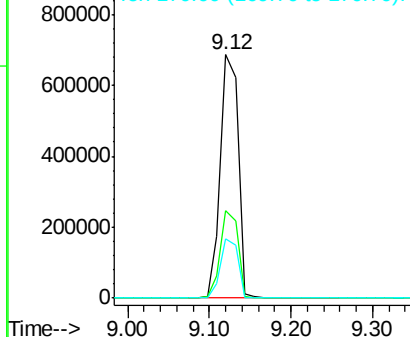


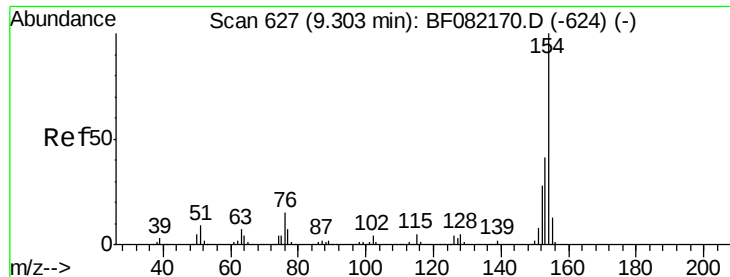
#44
 2-Fluorobiphenyl
 Concen: 85.69 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:172 Resp: 1041525
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 24.1 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

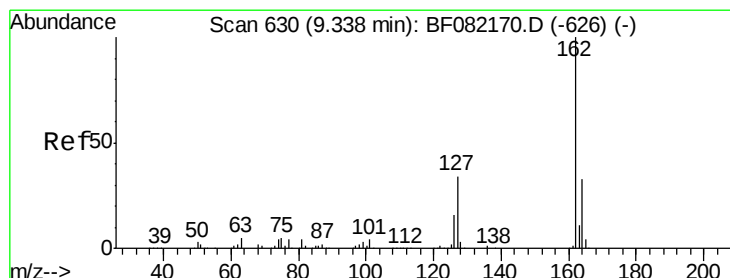
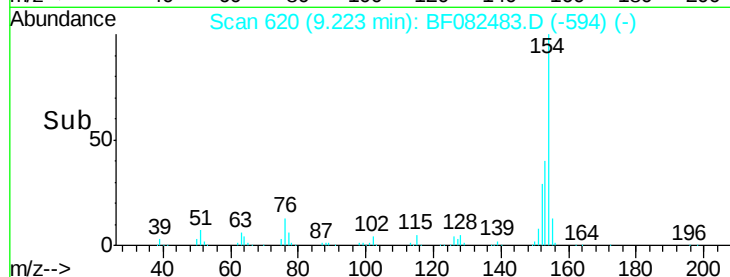
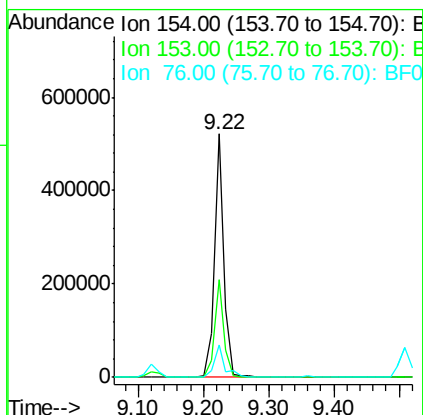
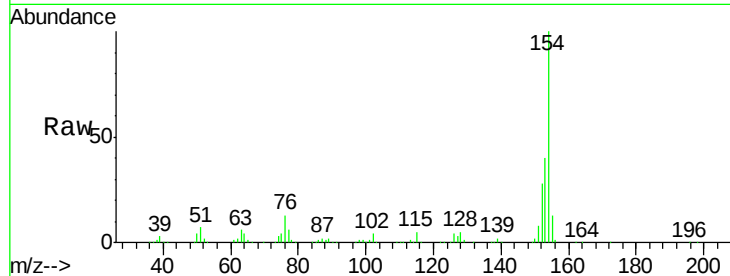




#45
 1,1'-Biphenyl
 Concen: 35.17 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

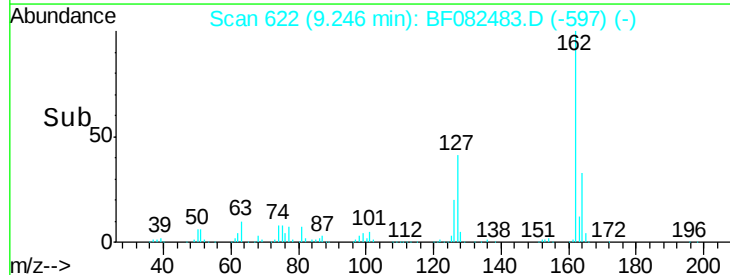
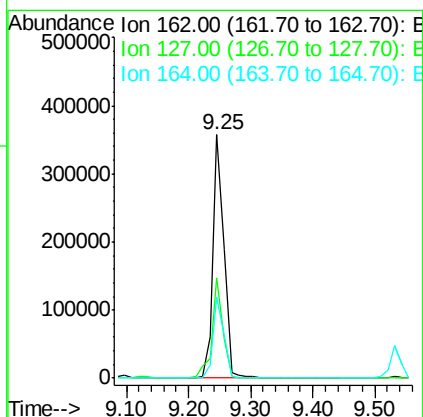
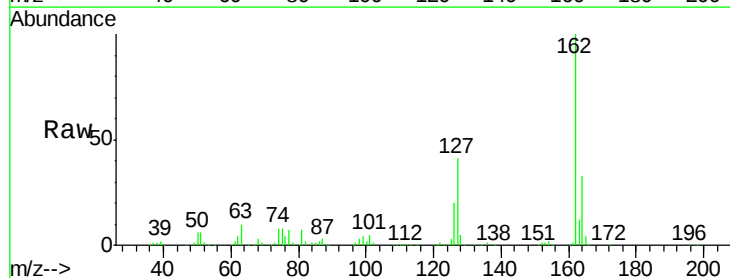
Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

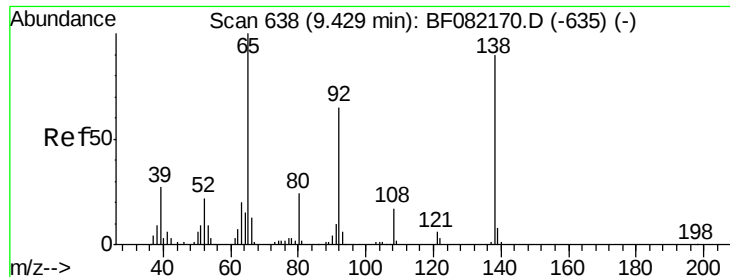
Tot Ion:154 Resp: 540600
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 13.3 0.0 35.2



#46
 2-Chloronaphthalene
 Concen: 35.76 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:162 Resp: 432723
 Ion Ratio Lower Upper
 162 100
 127 41.4 27.5 41.3#
 164 33.2 26.6 39.8

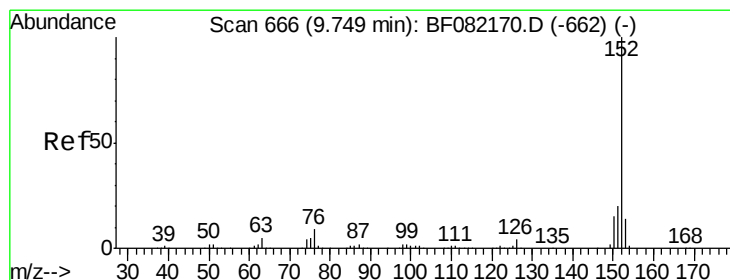
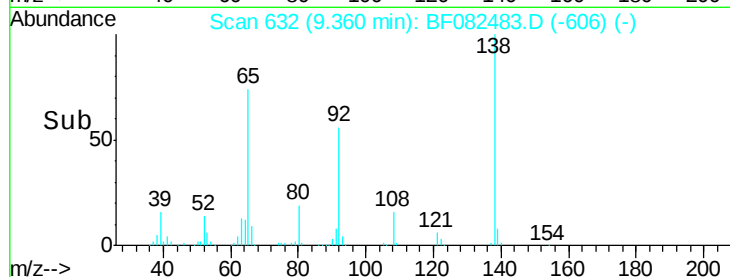
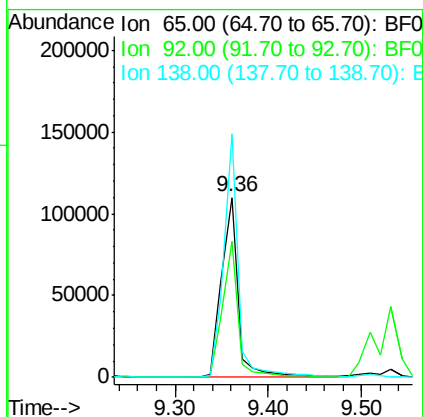
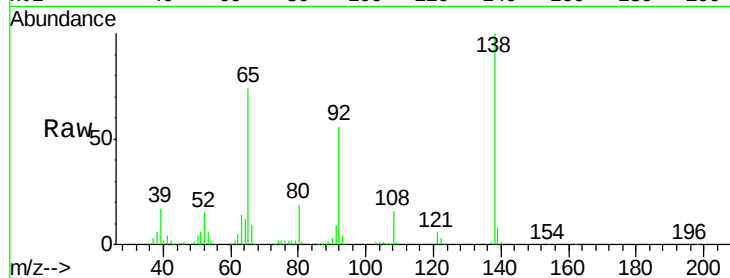




#47
2-Nitroaniline
Concen: 41.05 ng
RT: 9.36 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

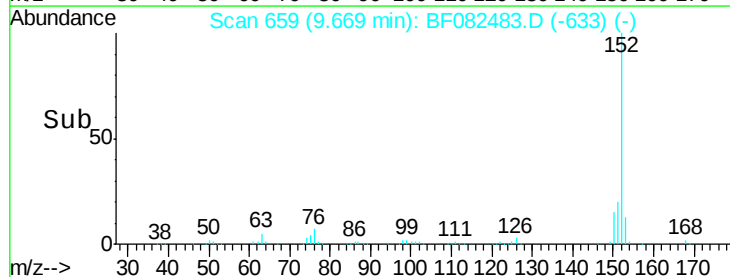
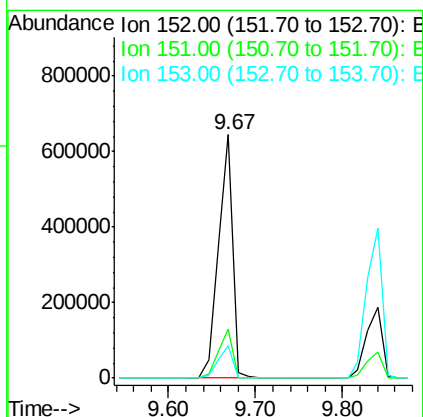
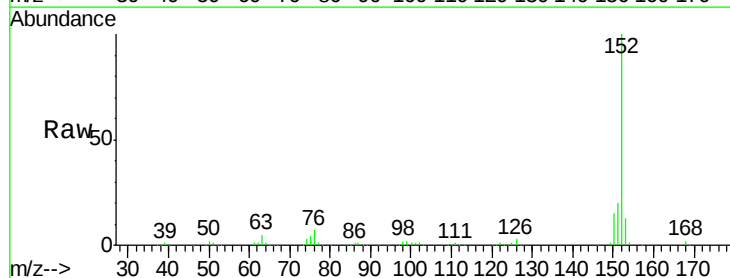
Instrument :
BNA_F
ClientSampleId :
PB86276BSD

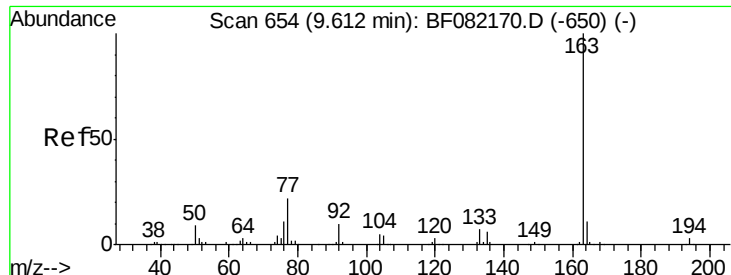
Tot Ion: 65 Resp: 136343
Ion Ratio Lower Upper
65 100
92 75.6 52.3 78.5
138 135.4 72.2 108.4#



#48
Acenaphthylene
Concen: 39.88 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Tgt Ion: 152 Resp: 751645
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.5 10.8 16.2

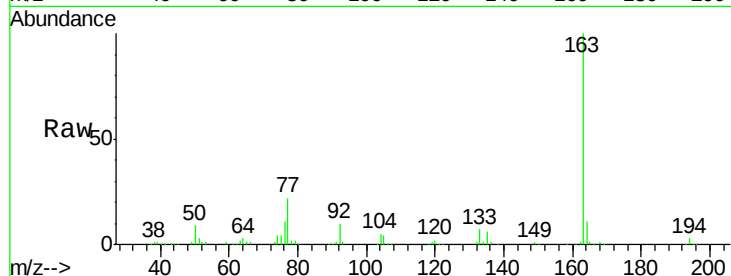




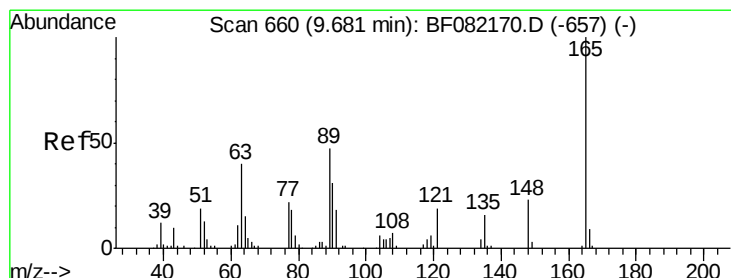
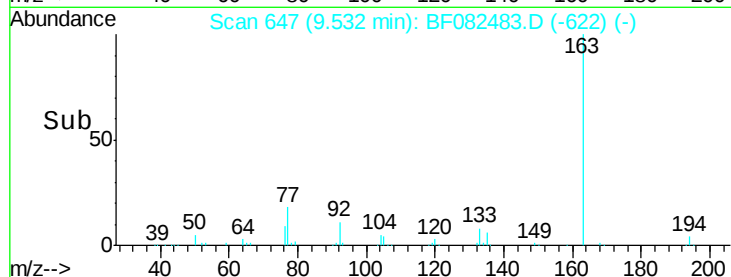
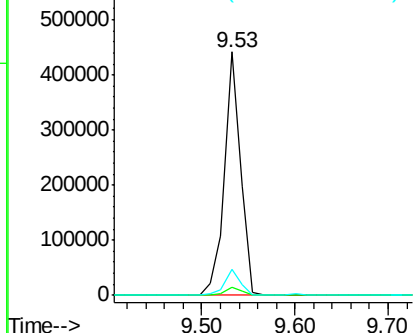
#49
Dimethylphthalate
Concen: 37.61 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Instrument :
BNA_F
ClientSampleId :
PB86276BSD

Tot Ion:163 Resp: 533794
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 8.5 12.7

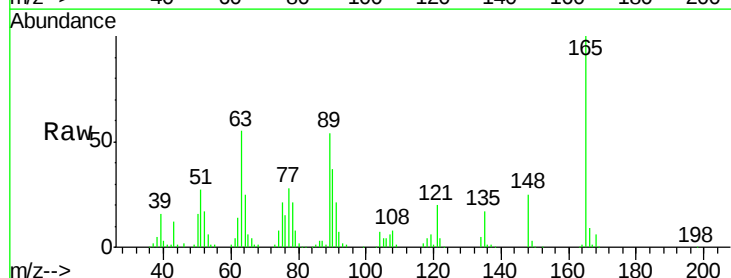


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

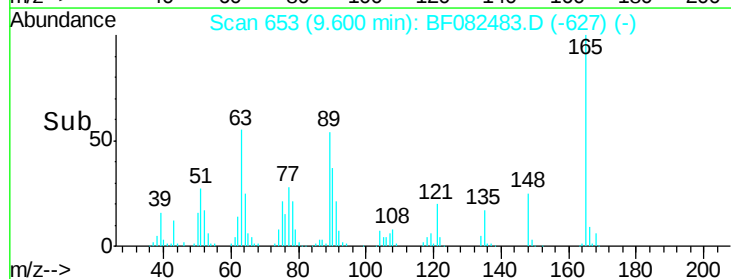
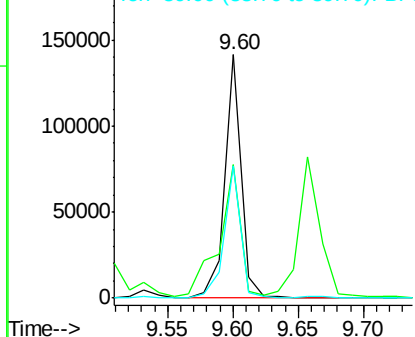


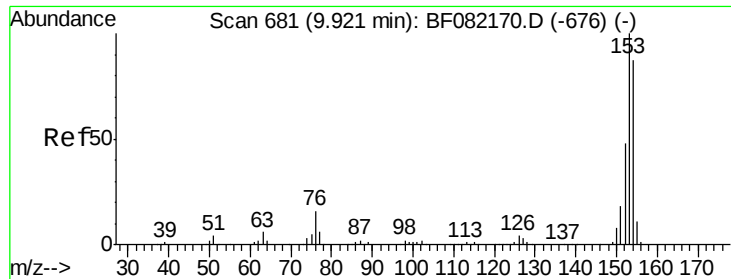
#50
2,6-Dinitrotoluene
Concen: 41.74 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Tgt Ion:165 Resp: 124999
Ion Ratio Lower Upper
165 100
63 54.8 36.7 55.1
89 54.3 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: 38.00 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

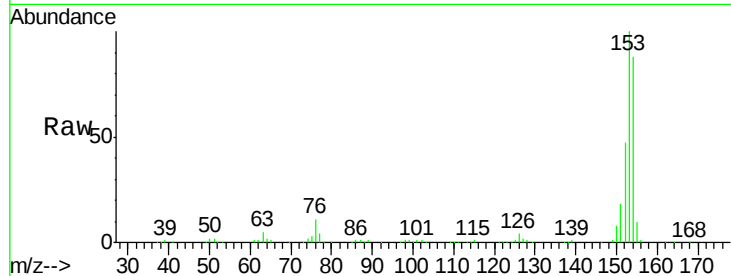
Tot Ion:154 Resp: 430015

Ion Ratio Lower Upper

154 100

153 114.0 91.4 137.2

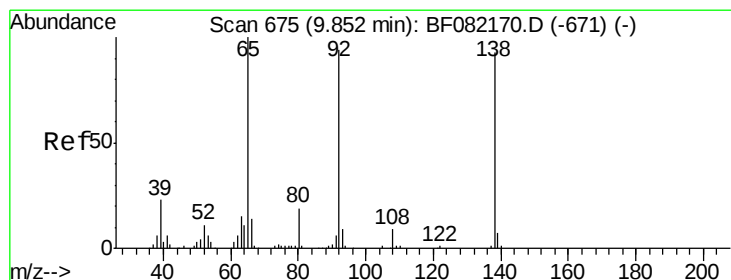
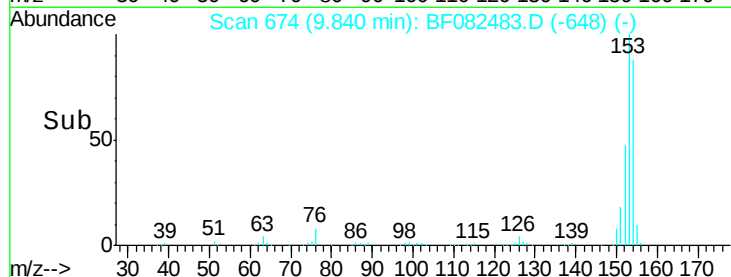
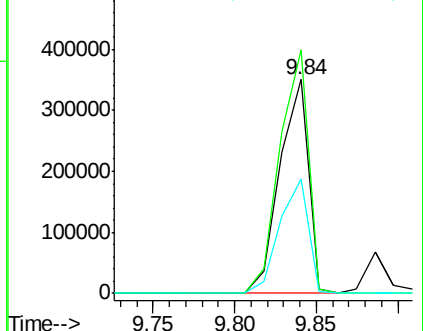
152 53.6 44.3 66.5



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: 22.21 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

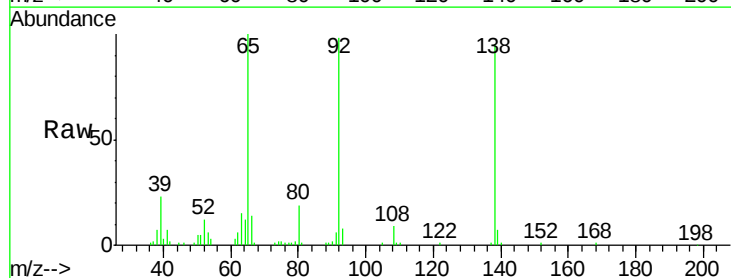
Tgt Ion:138 Resp: 75137

Ion Ratio Lower Upper

138 100

108 9.0 7.4 11.0

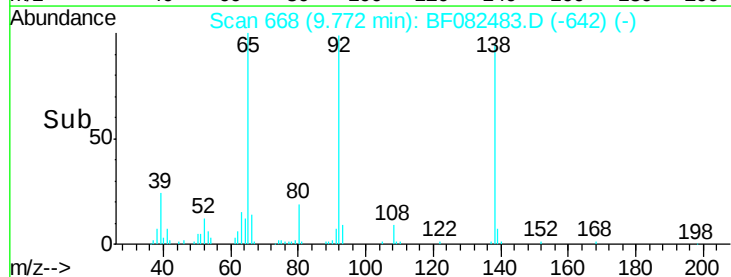
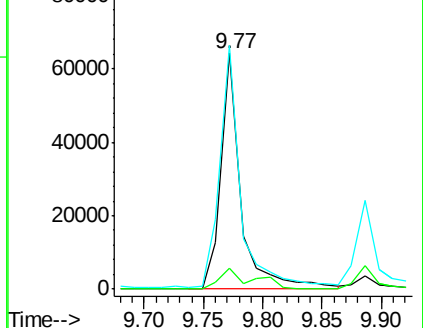
92 103.3 81.3 121.9

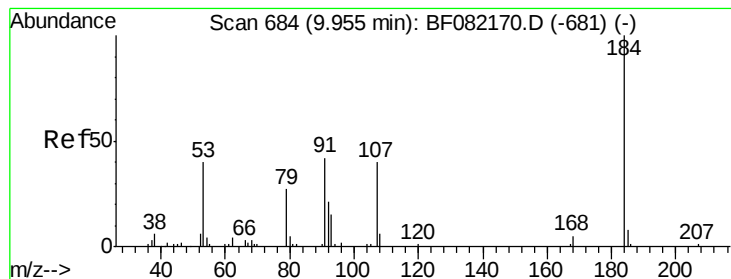


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 67.22 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

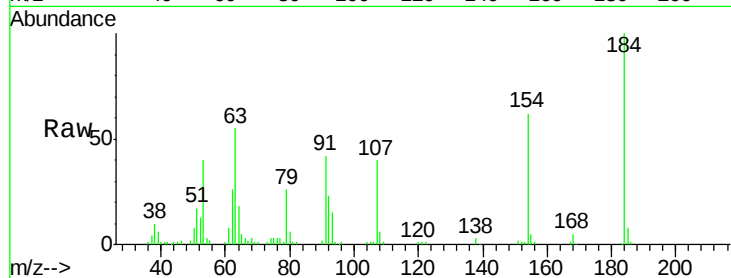
Tot Ion:184 Resp: 110636

Ion Ratio Lower Upper

184 100

63 54.6 45.1 67.7

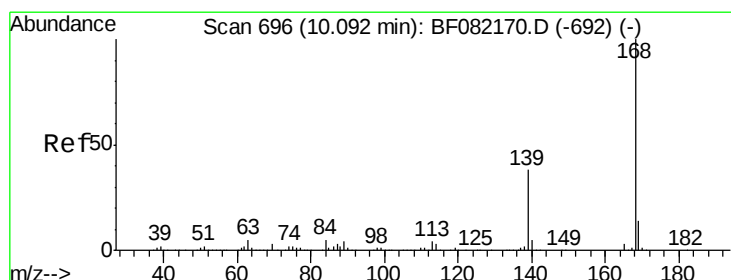
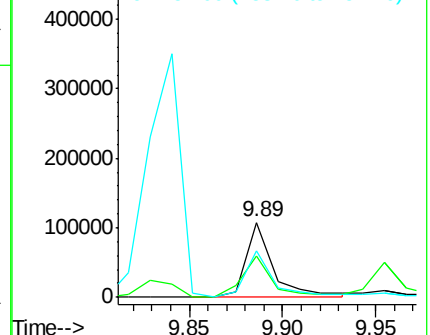
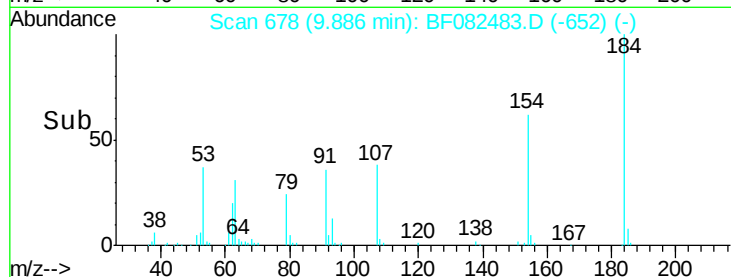
154 62.3 51.2 76.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.81 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

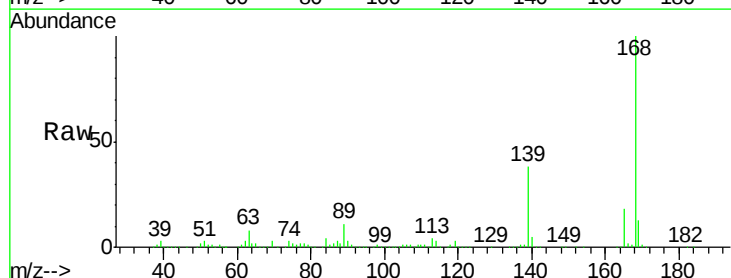
Tgt Ion:168 Resp: 665021

Ion Ratio Lower Upper

168 100

139 37.5 31.0 46.6

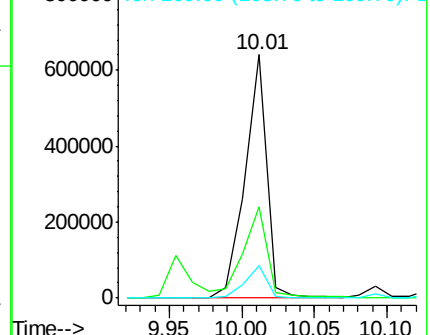
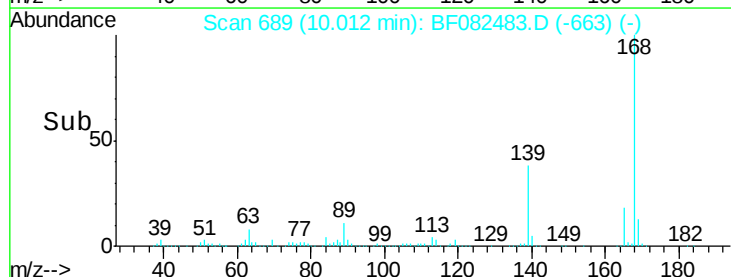
169 13.3 10.9 16.3

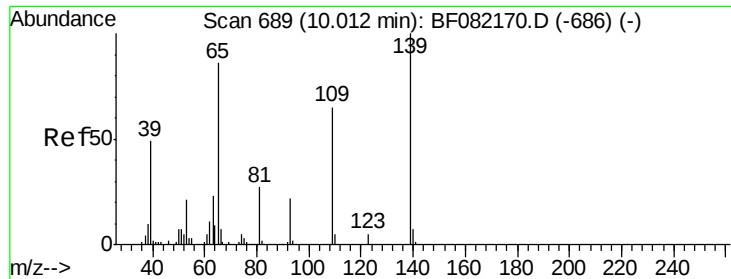


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 58.71 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

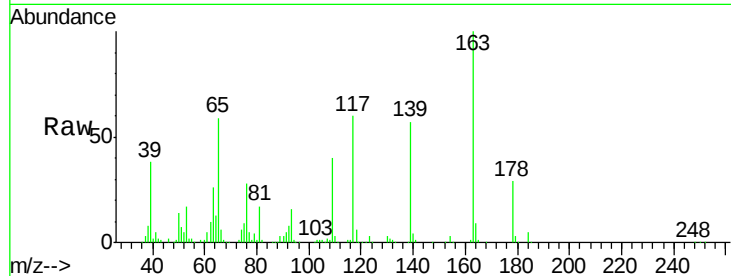
Tot Ion:139 Resp: 122618

Ion Ratio Lower Upper

139 100

109 69.8 44.8 84.8

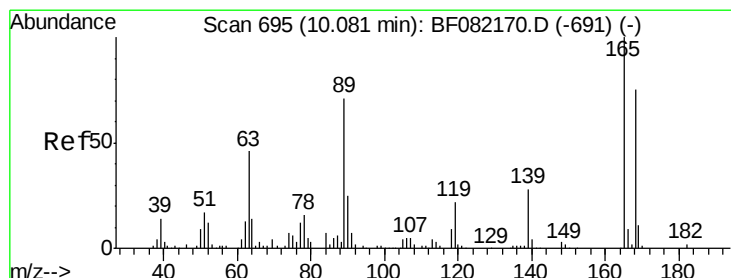
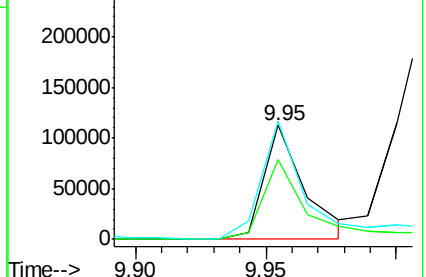
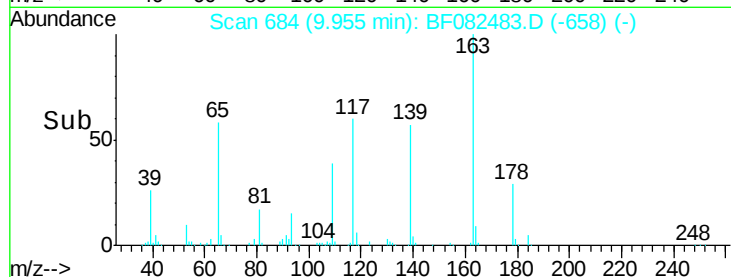
65 104.3 67.7 107.7



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): E



#56

2,4-Dinitrotoluene

Concen: 42.67 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Tgt Ion:165 Resp: 159712

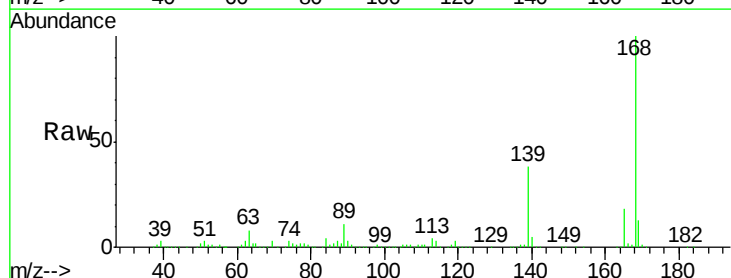
Ion Ratio Lower Upper

165 100

63 45.6 38.6 58.0

89 59.3 57.0 85.6

182 2.4 1.8 2.6

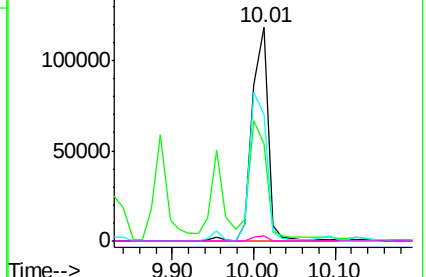
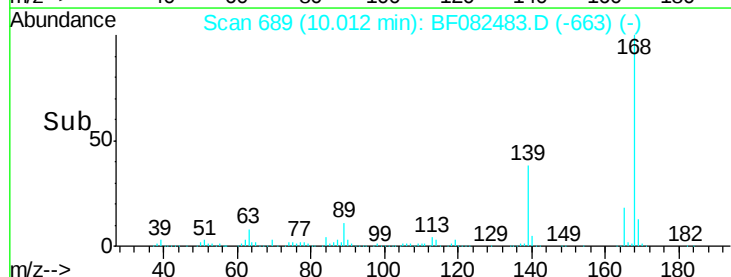


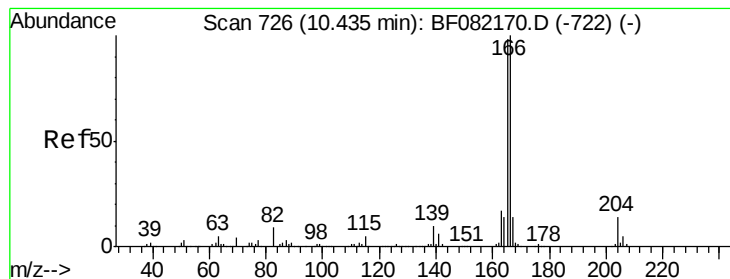
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.57 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

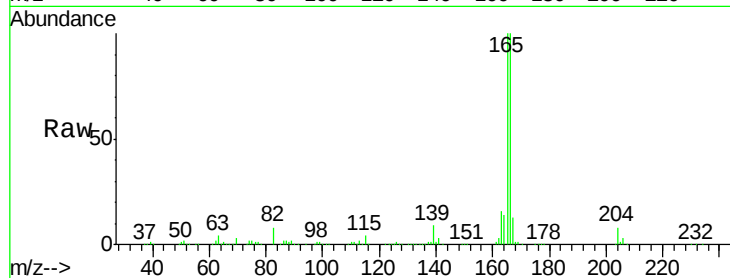
Tot Ion:166 Resp: 543133

Ion Ratio Lower Upper

166 100

165 99.7 78.3 117.5

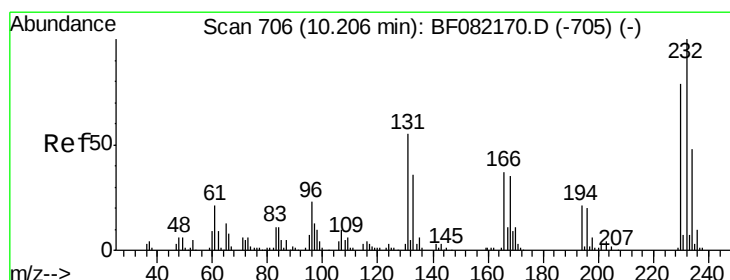
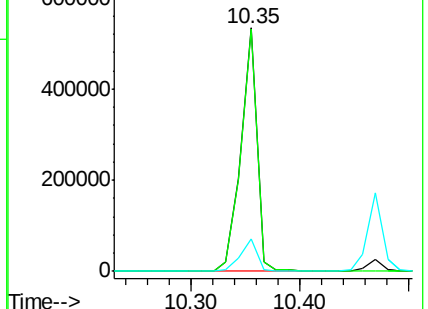
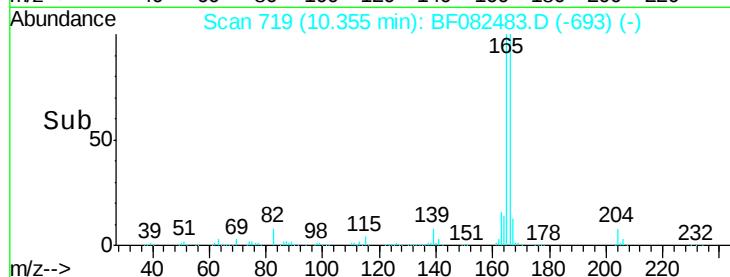
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.25 ng

RT: 10.14 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Tgt Ion:232 Resp: 134805

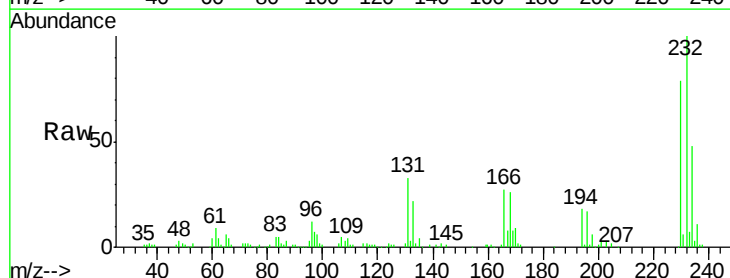
Ion Ratio Lower Upper

232 100

131 42.8 36.6 54.8

130 1.9 1.5 2.3

166 28.8 24.6 37.0

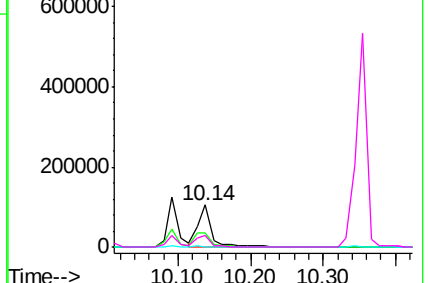
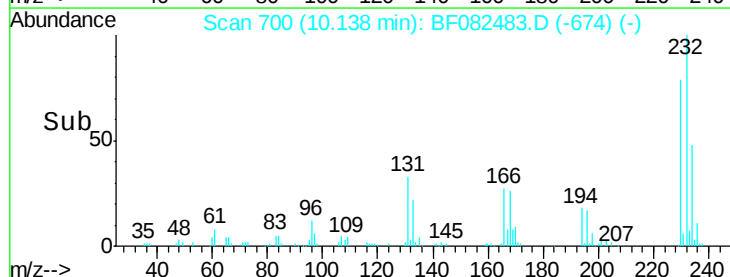


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.31 ng

RT: 10.23 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

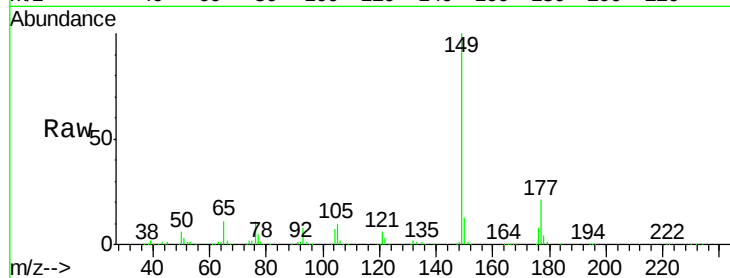
Tot Ion:149 Resp: 533247

Ion Ratio Lower Upper

149 100

177 20.5 17.6 26.4

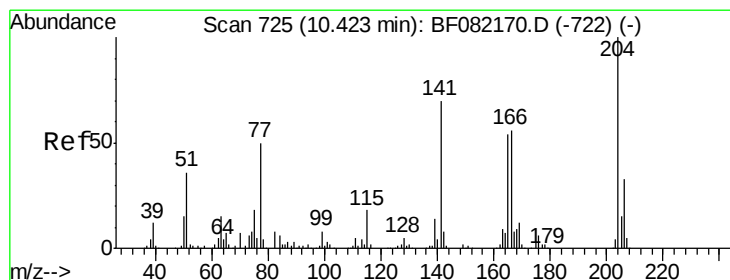
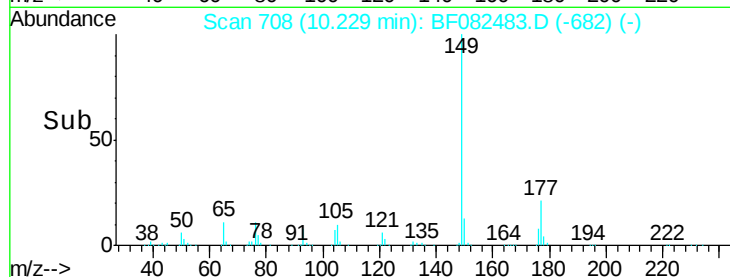
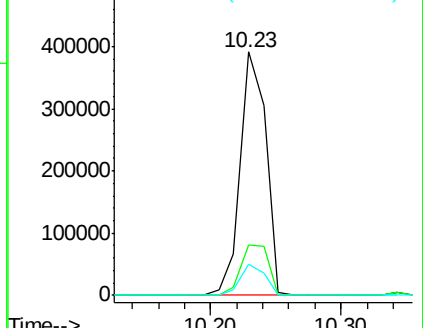
150 12.8 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.45 ng

RT: 10.34 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

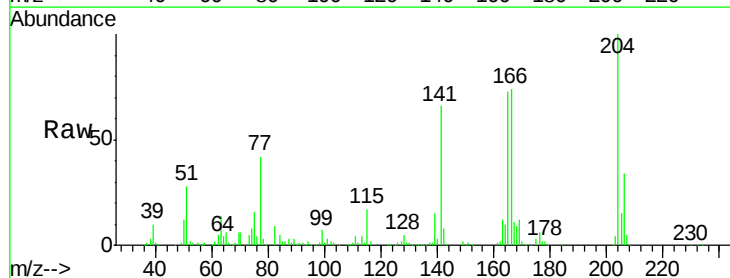
Tgt Ion:204 Resp: 242286

Ion Ratio Lower Upper

204 100

206 34.3 26.8 40.2

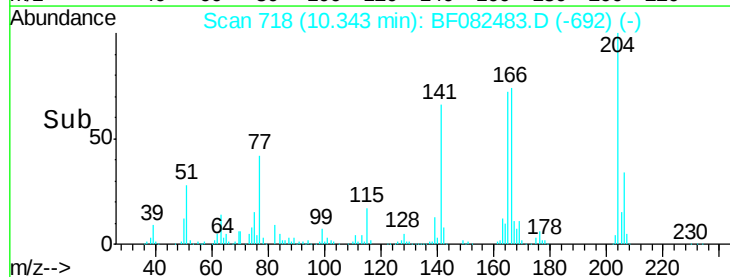
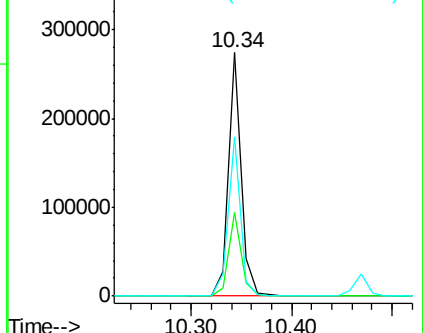
141 65.6 56.1 84.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.45 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

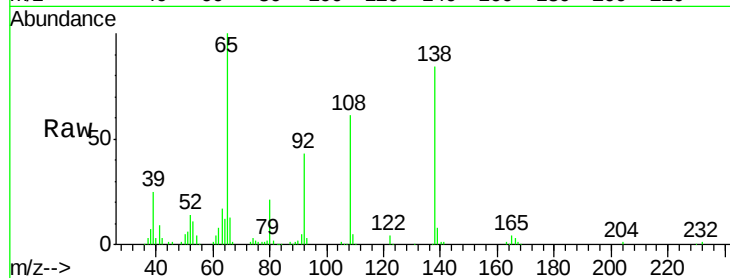
Tot Ion:138 Resp: 119600

Ion Ratio Lower Upper

138 100

92 51.2 26.8 66.8

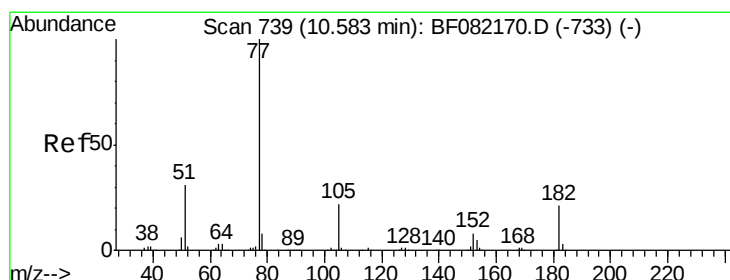
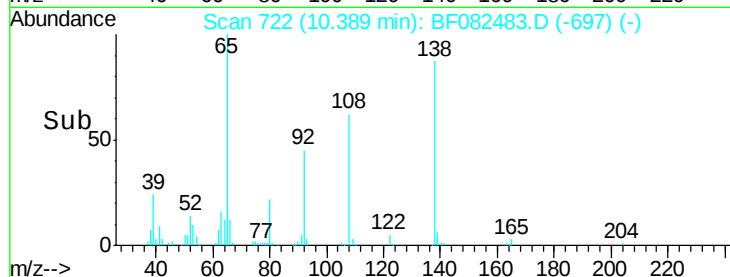
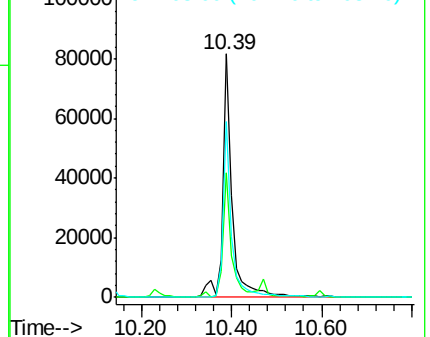
108 72.3 48.4 88.4



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: 41.05 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Tgt Ion: 77 Resp: 531560

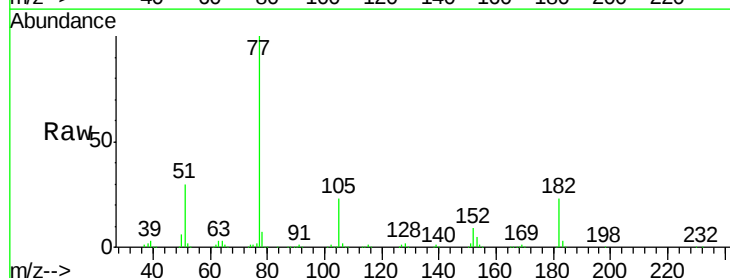
Ion Ratio Lower Upper

77 100

182 22.8 0.5 40.5

105 22.5 1.8 41.8

51 30.1 11.2 51.2

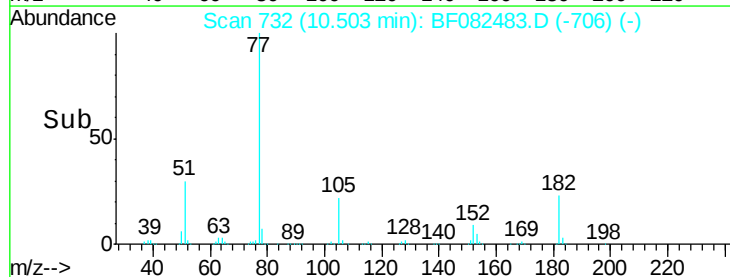
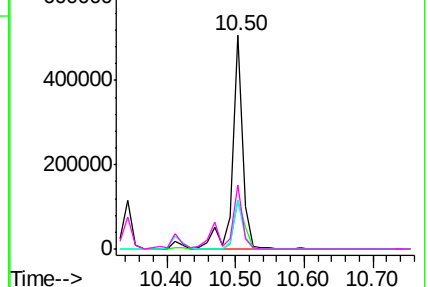


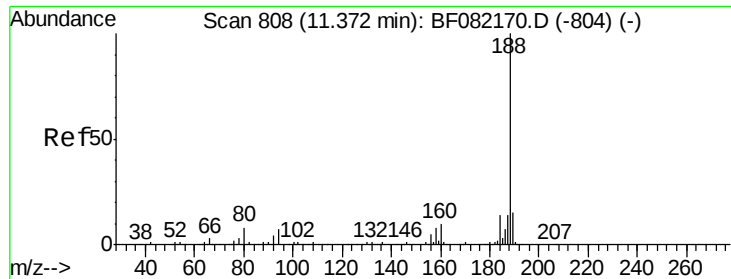
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

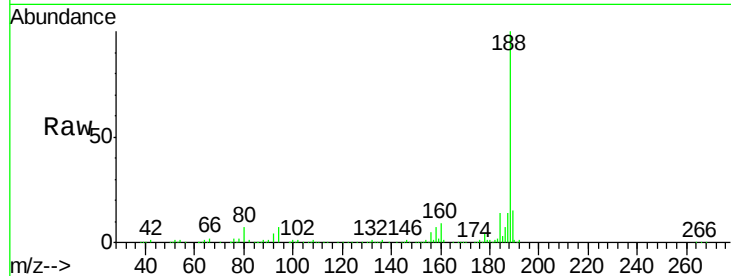
Tot Ion:188 Resp: 385213

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

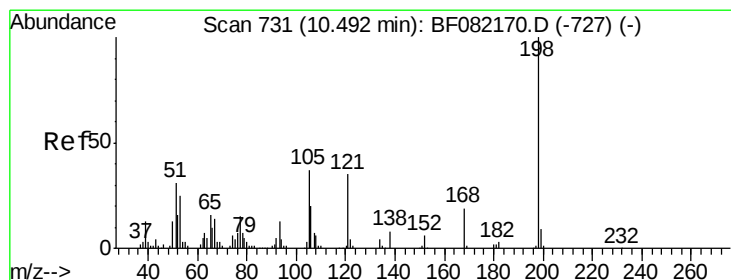
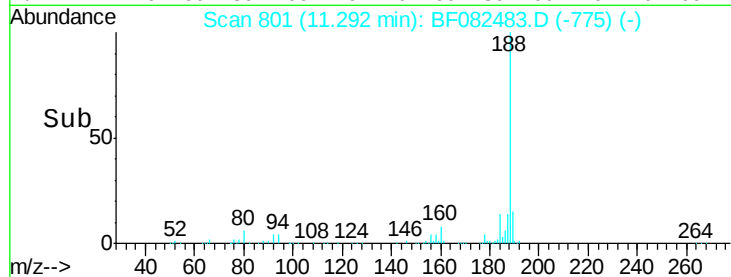
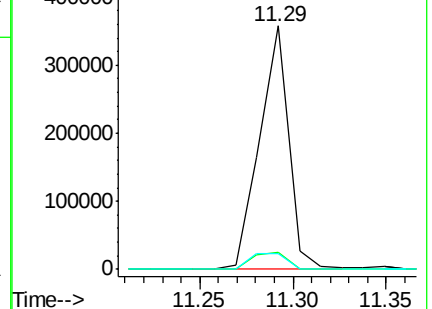
80 6.7 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.82 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

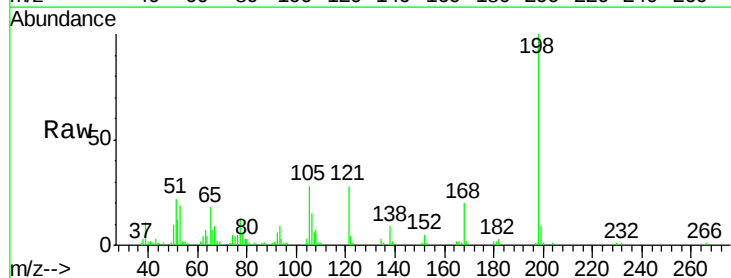
Tgt Ion:198 Resp: 88236

Ion Ratio Lower Upper

198 100

51 22.2 13.6 53.6

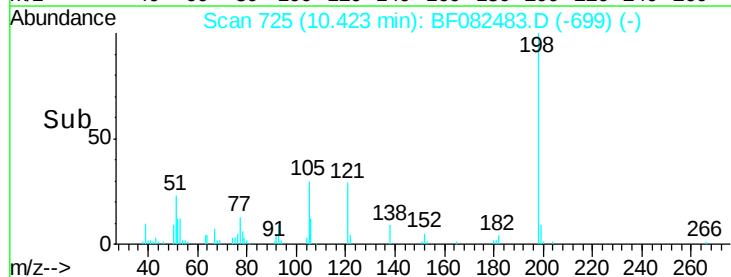
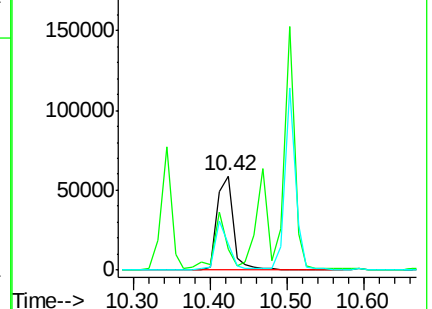
105 27.7 17.1 57.1

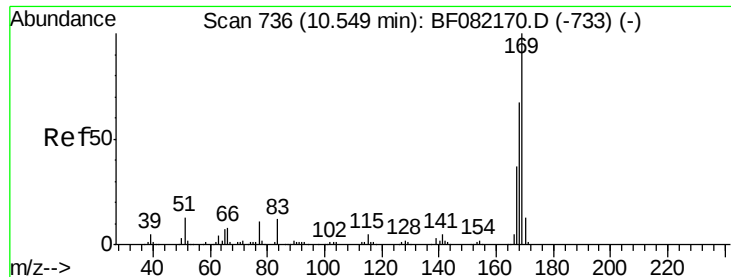


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.69 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

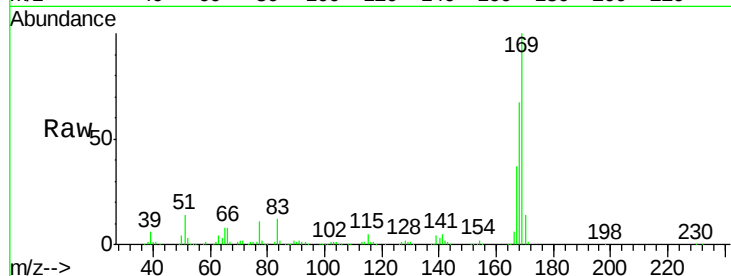
Tot Ion:169 Resp: 457800

Ion Ratio Lower Upper

169 100

168 67.0 54.0 81.0

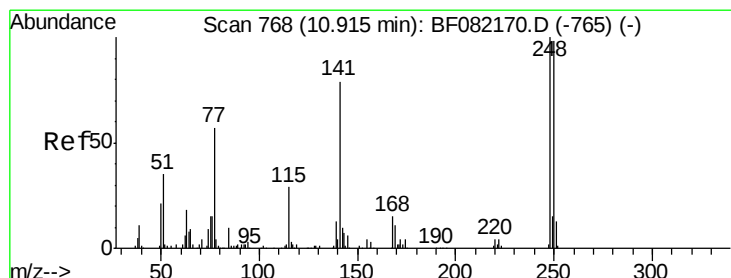
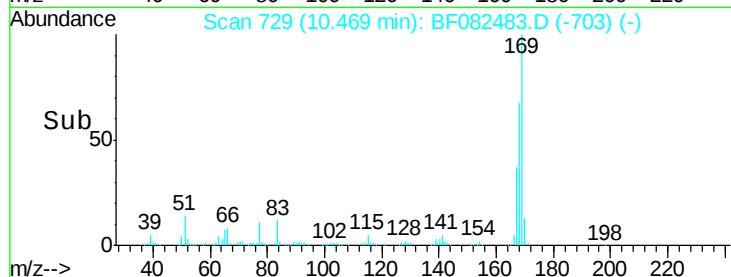
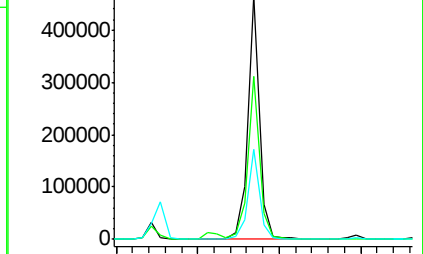
167 37.2 29.6 44.4



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: 39.82 ng

RT: 10.83 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

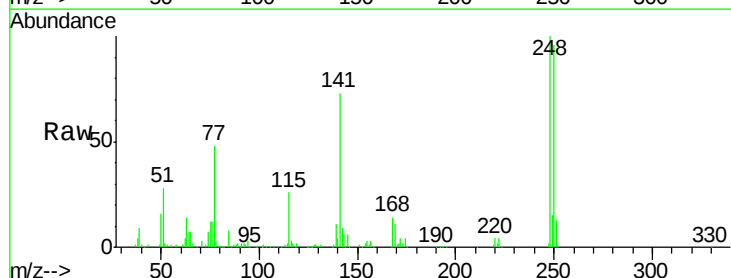
Tgt Ion:248 Resp: 153509

Ion Ratio Lower Upper

248 100

250 95.9 78.6 117.8

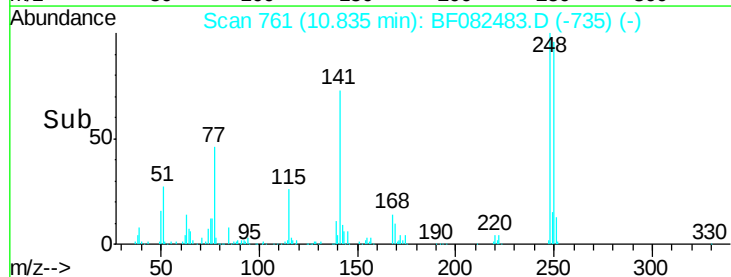
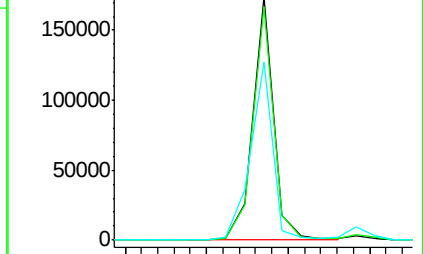
141 73.4 63.3 94.9

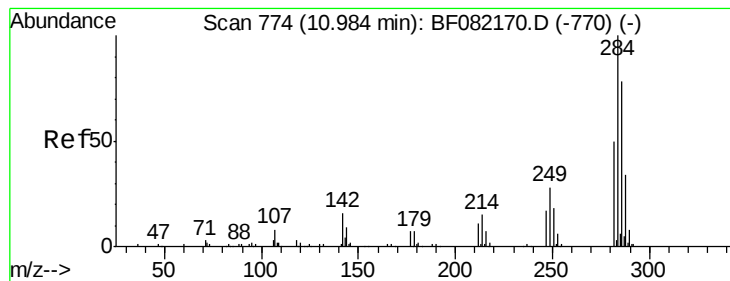


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.58 ng

RT: 10.89 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

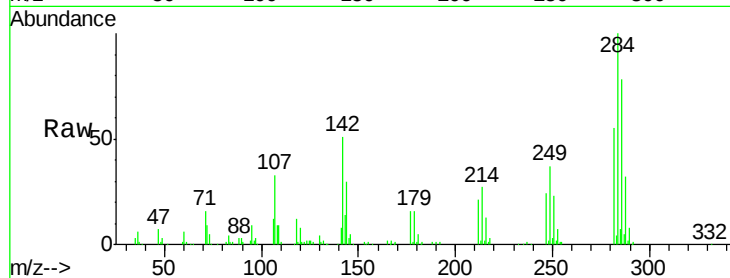
Tot Ion:284 Resp: 152503

Ion Ratio Lower Upper

284 100

142 50.8 13.0 19.6#

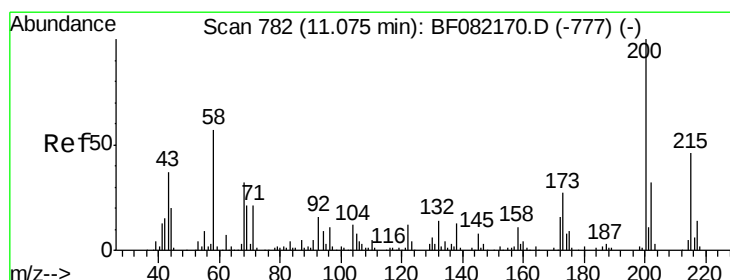
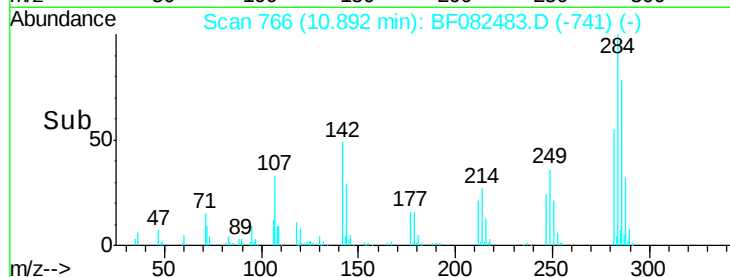
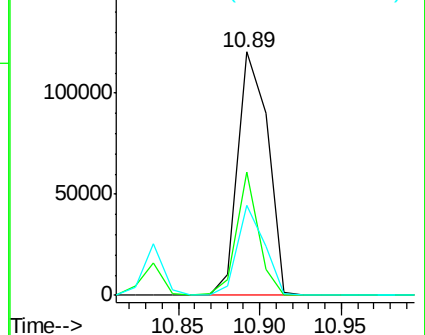
249 36.9 22.5 33.7#



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: 44.34 ng

RT: 11.01 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

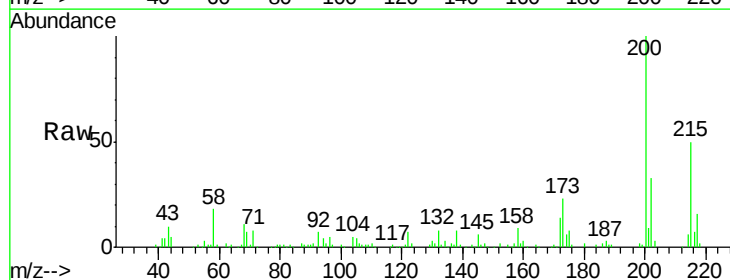
Tgt Ion:200 Resp: 162011

Ion Ratio Lower Upper

200 100

173 23.3 7.3 47.3

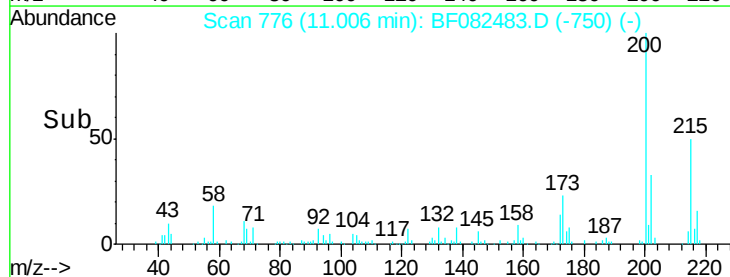
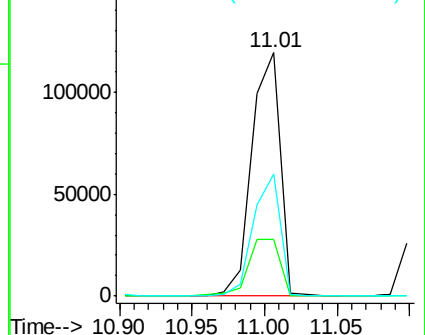
215 50.1 26.2 66.2

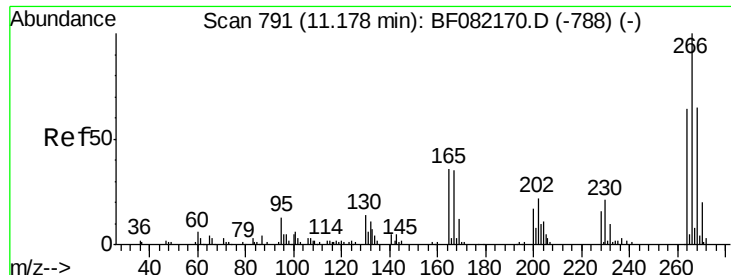


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

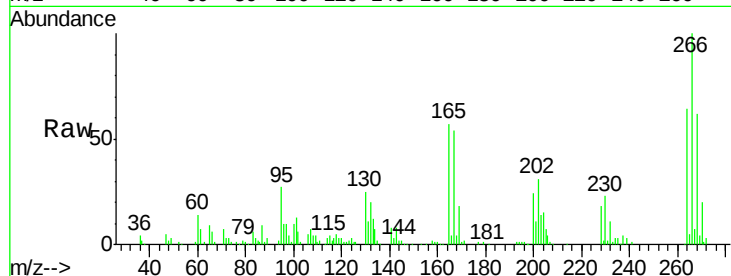




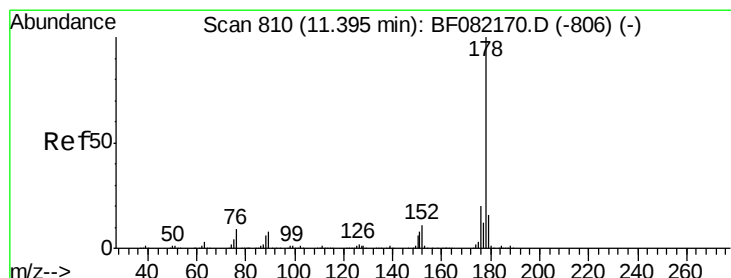
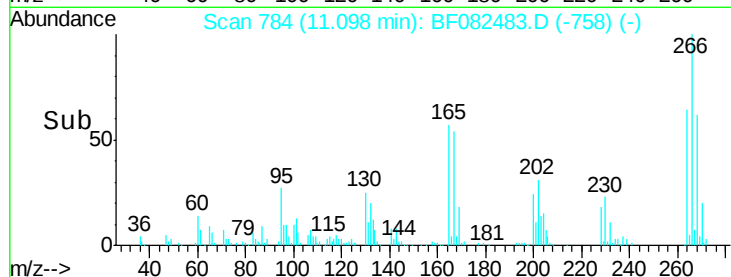
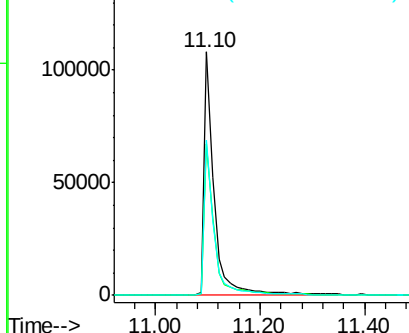
#69
 Pentachlorophenol
 Concen: 69.21 ng
 RT: 11.10 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Tot Ion:266 Resp: 148494
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.0 78.0
 264 64.0 51.4 77.0

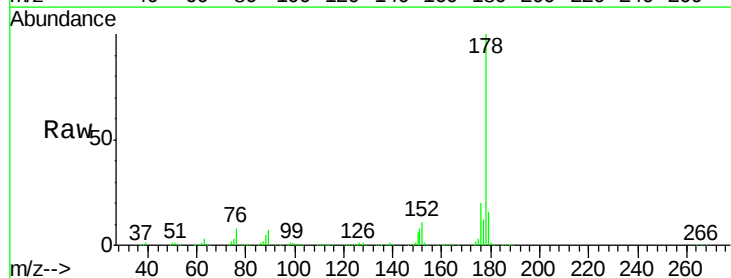


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

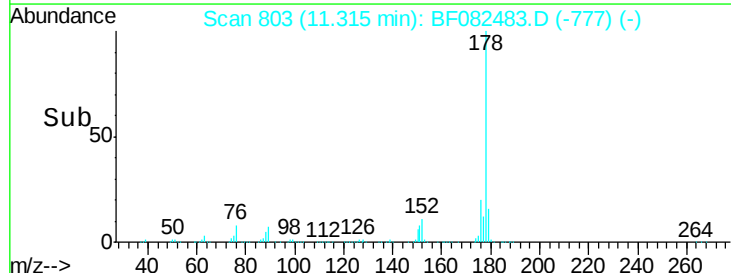
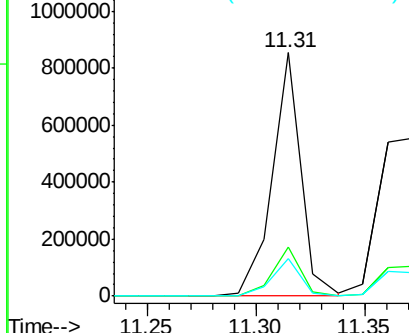


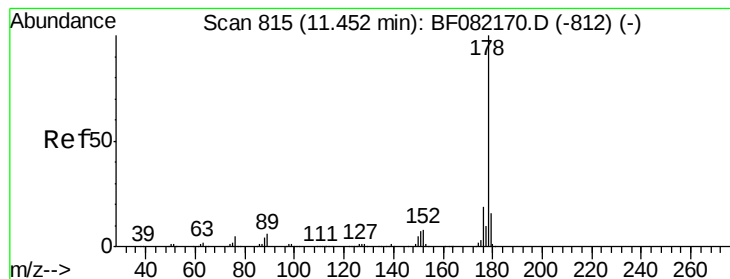
#70
 Phenanthrene
 Concen: 42.01 ng
 RT: 11.31 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:178 Resp: 793292
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.6 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: 42.45 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

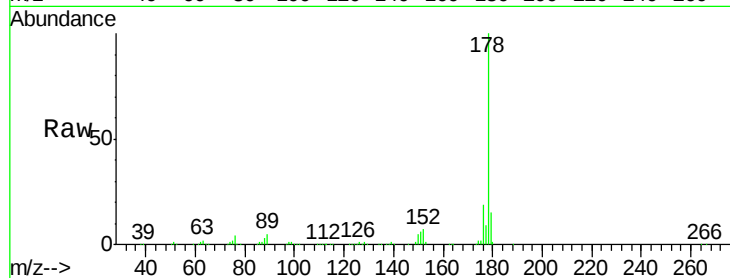
Tot Ion:178 Resp: 825912

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

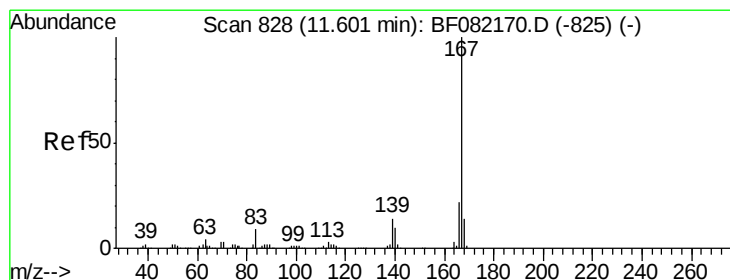
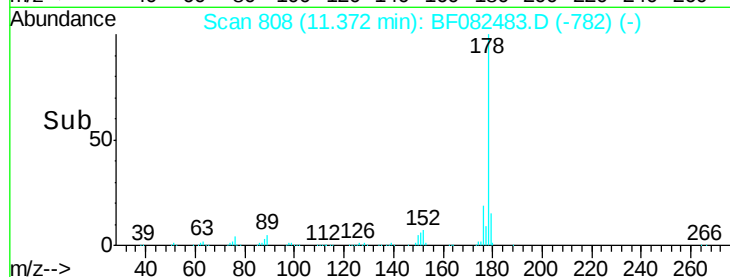
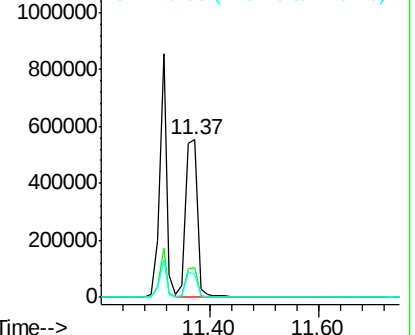
179 15.2 12.5 18.7



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: 41.27 ng

RT: 11.53 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

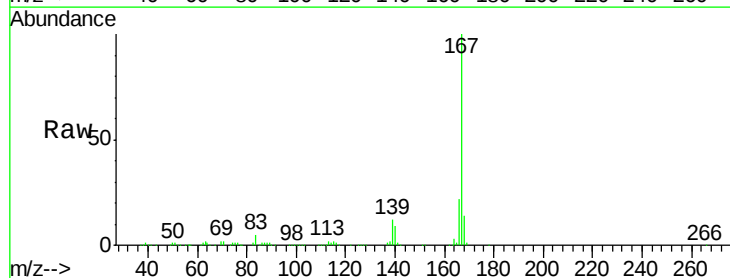
Tgt Ion:167 Resp: 732515

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

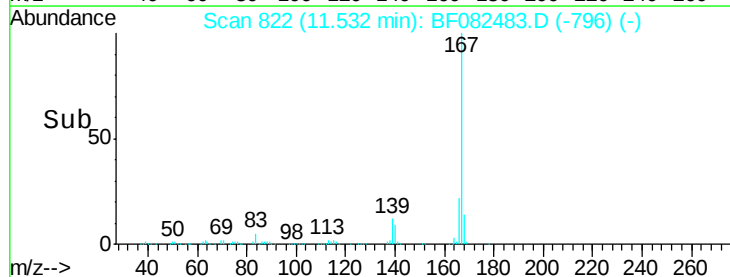
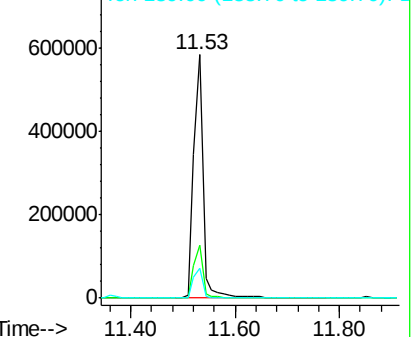
139 12.0 11.2 16.8

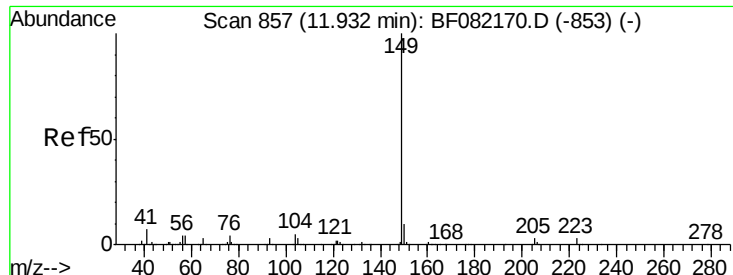


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.42 ng

RT: 11.85 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

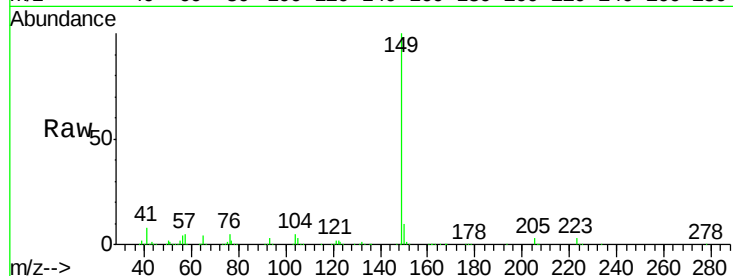
Tot Ion:149 Resp: 841262

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

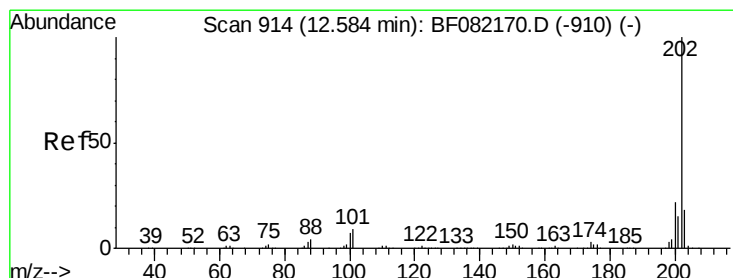
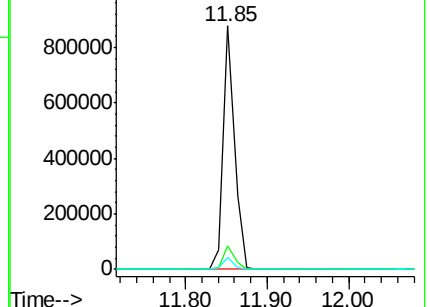
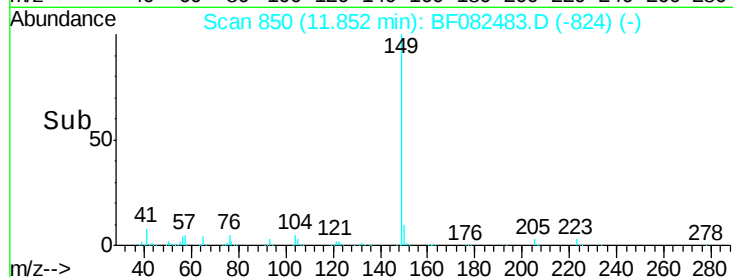
104 5.0 3.8 5.8



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: 42.24 ng

RT: 12.50 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

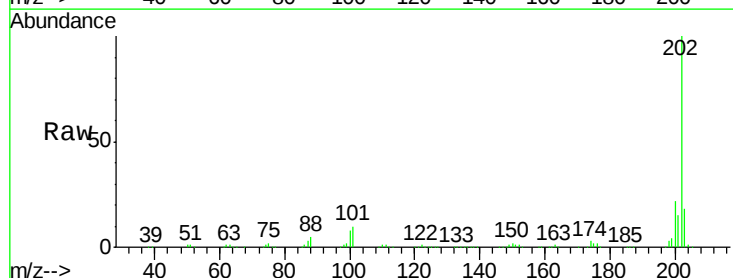
Tgt Ion:202 Resp: 856573

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.3

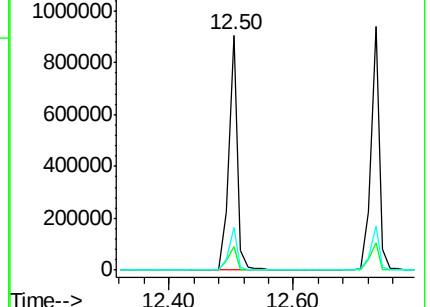
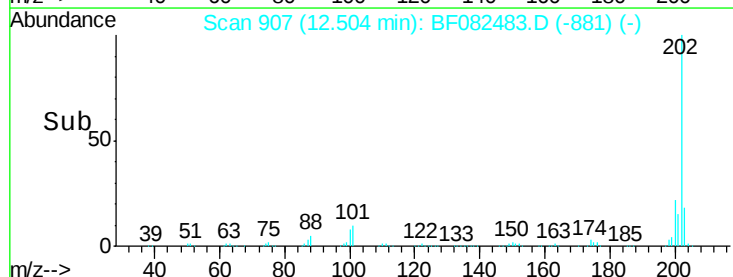
203 18.3 0.0 37.8

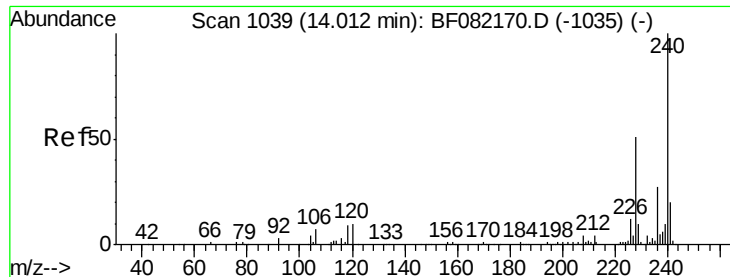


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

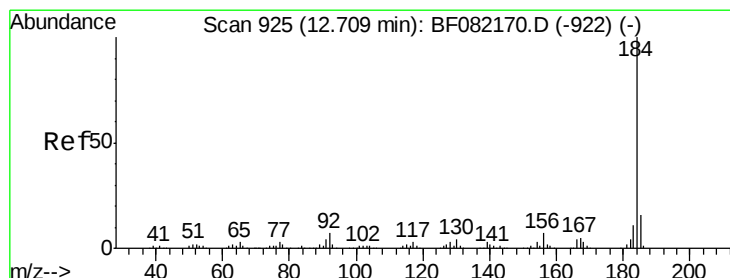
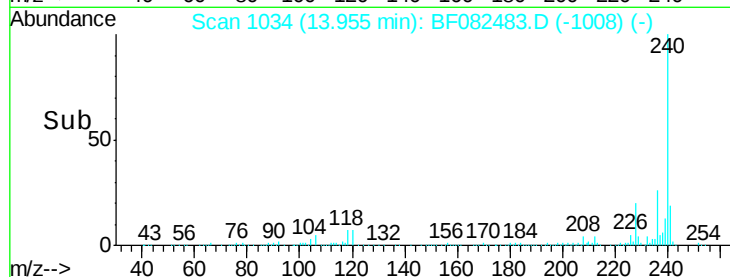
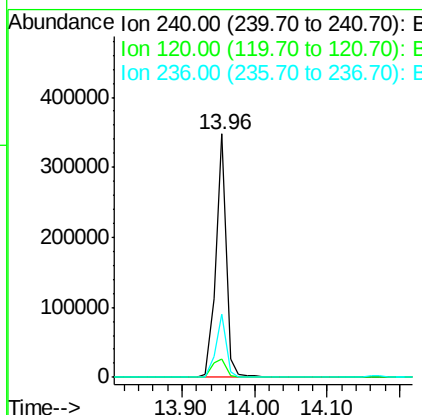
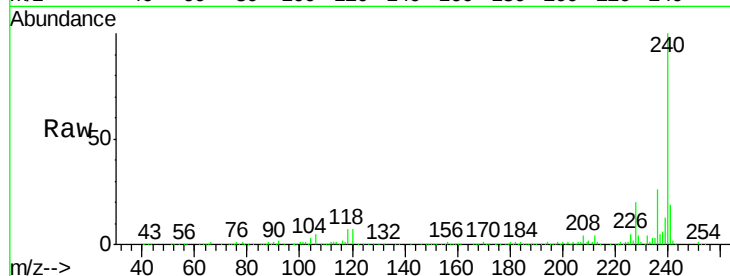




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

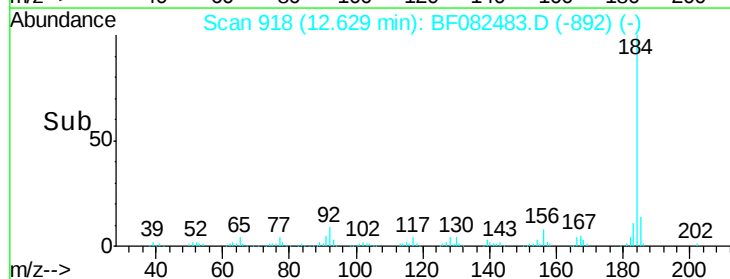
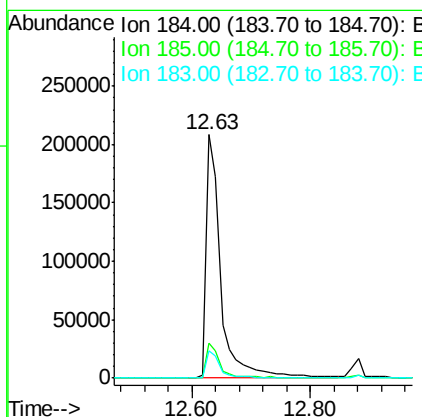
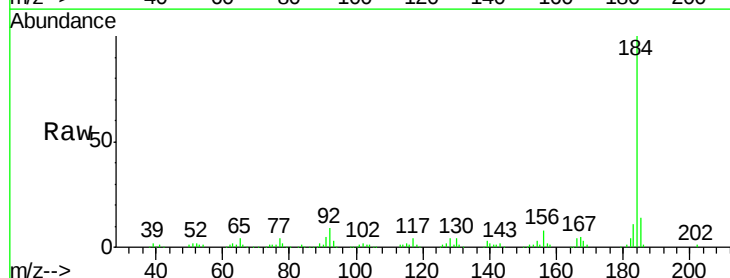
Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

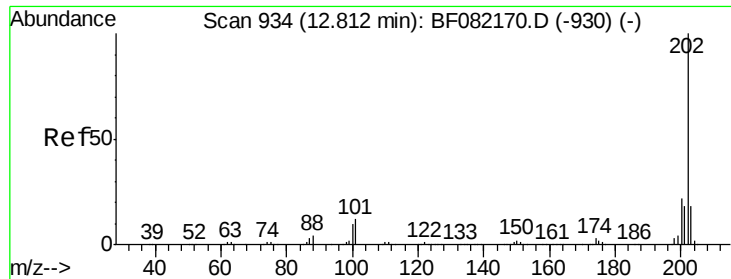
Tot Ion:240 Resp: 346732
 Ion Ratio Lower Upper
 240 100
 120 7.4 8.1 12.1#
 236 25.7 21.3 31.9



#76
 Benzidine
 Concen: 36.09 ng
 RT: 12.63 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:184 Resp: 362645
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.5 18.7
 183 11.2 9.1 13.7

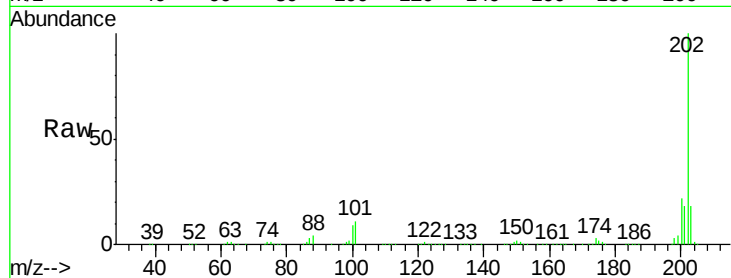




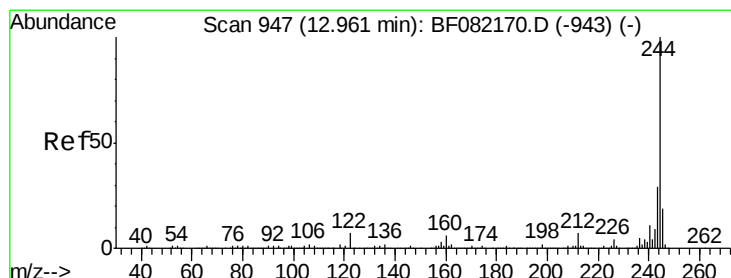
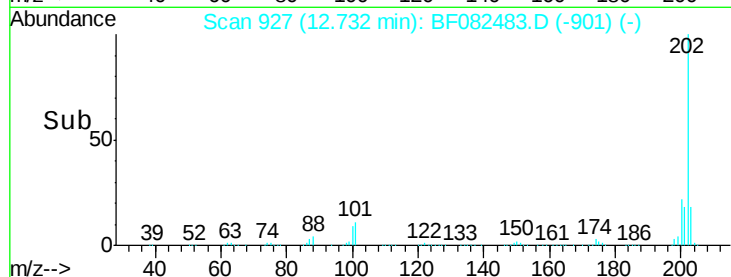
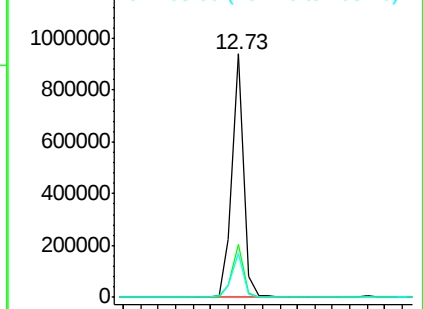
#77
Pvrene
Concen: 42.08 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Instrument :
BNA_F
ClientSampleId :
PB86276BSD

Tot Ion:202 Resp: 865915
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 18.0 14.5 21.7

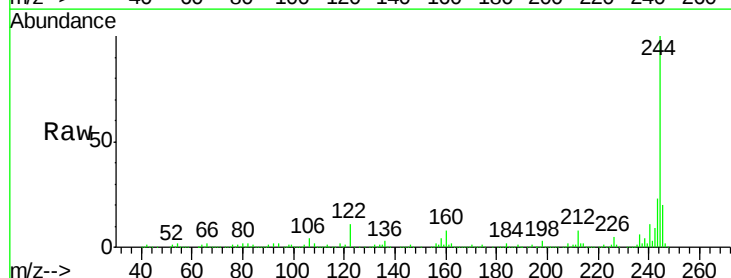


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

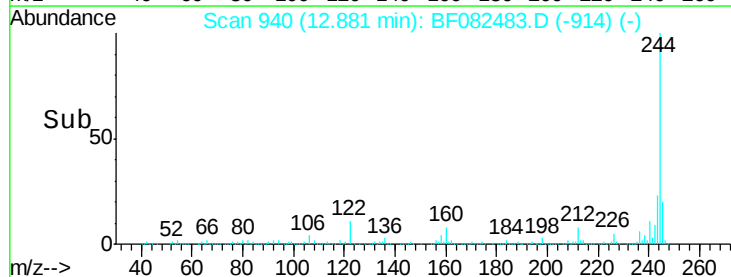
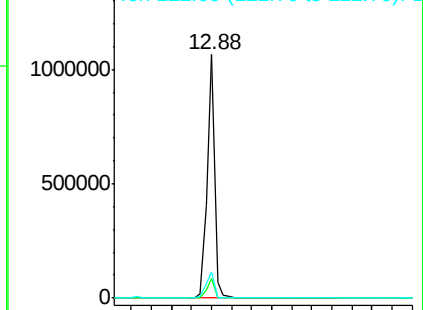


#78
Terphenyl-d14
Concen: 83.90 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Tgt Ion:244 Resp: 1097769
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.6
122 10.6 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

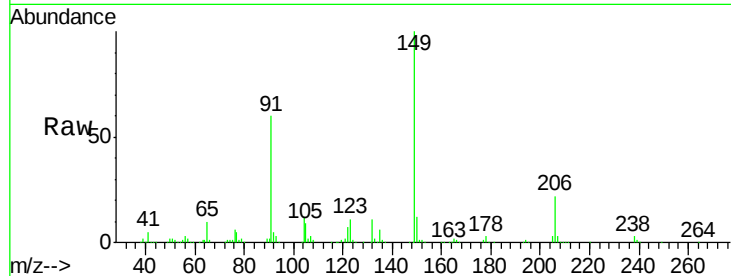




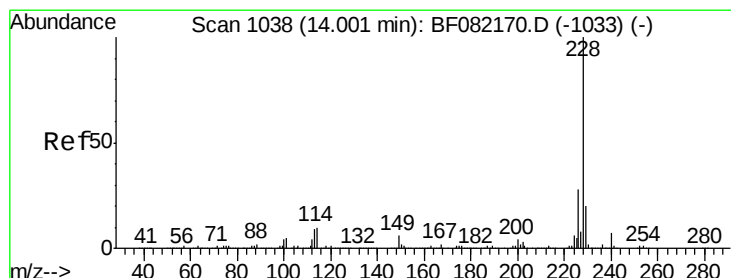
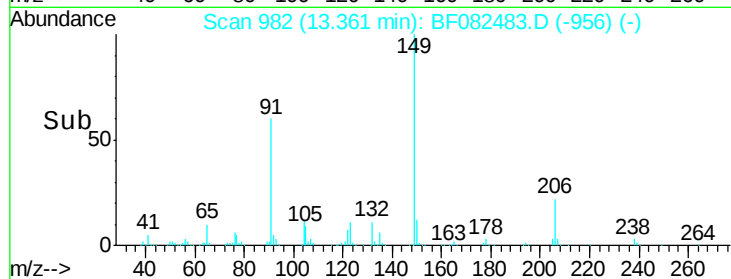
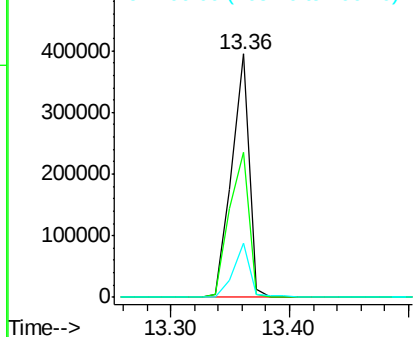
#79
Butylbenzylphthalate
Concen: 43.20 ng
RT: 13.36 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Instrument :
BNA_F
ClientSampleId :
PB86276BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	59.7	55.7	83.5
206	22.3	15.6	23.4

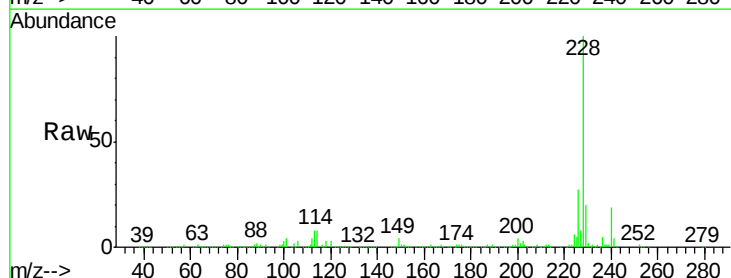


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

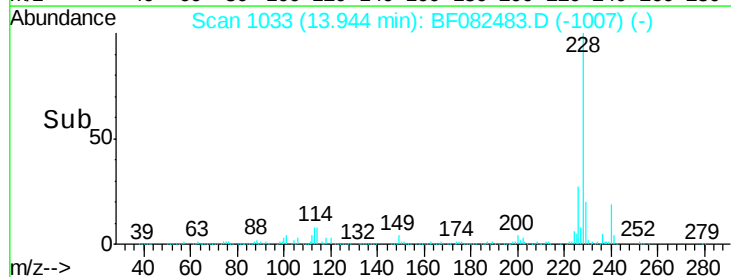
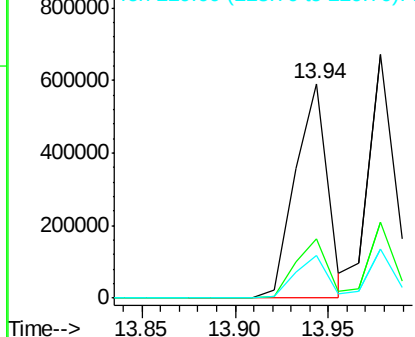


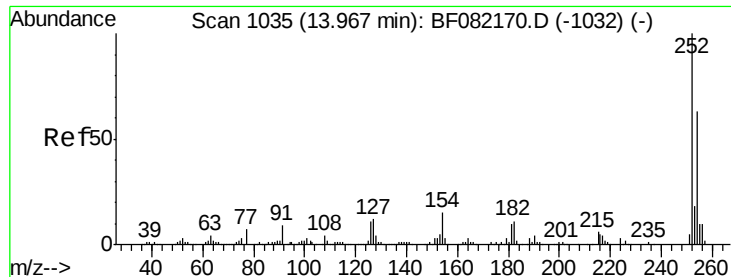
#80
Benzo(a)anthracene
Concen: 39.67 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.9	16.2	24.2



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

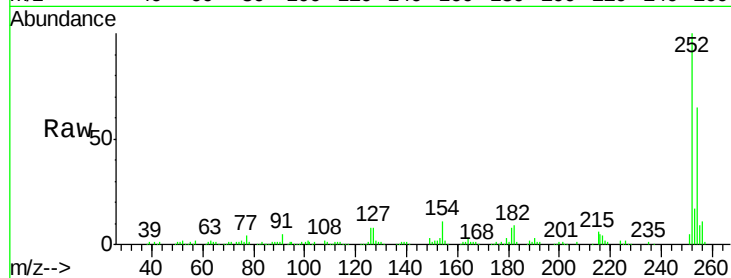




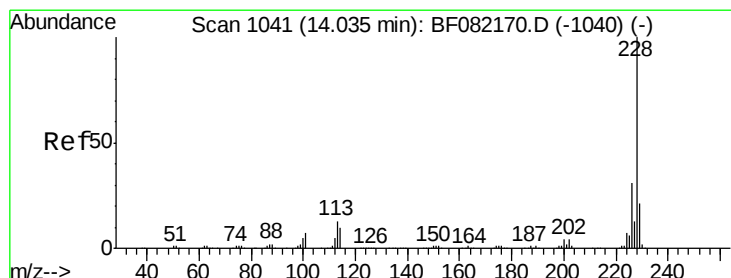
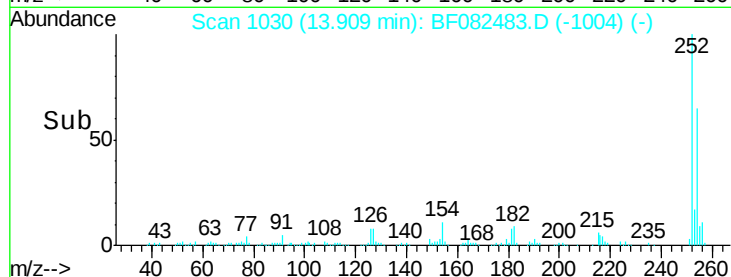
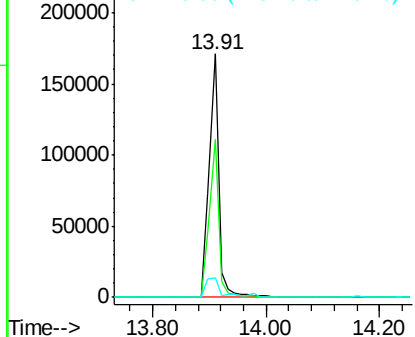
#81
 3,3'-Dichlorobenzidine
 Concen: 28.33 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Tot Ion:252 Resp: 194000
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.7 76.1
 126 8.1 9.0 13.6#

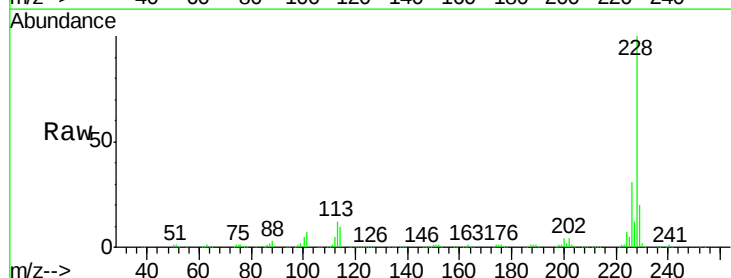


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

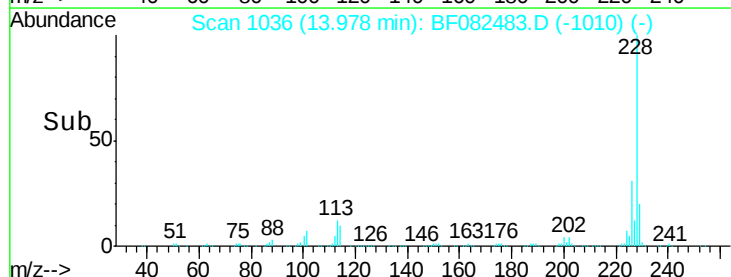
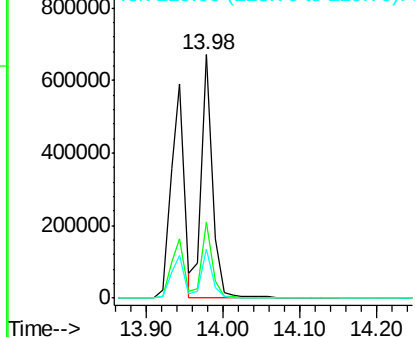


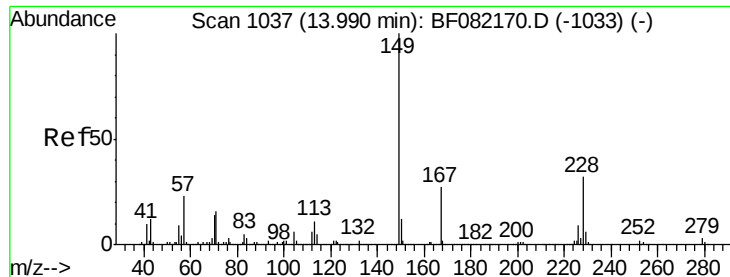
#82
 Chrysene
 Concen: 35.11 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:228 Resp: 667484
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.2 16.3 24.5



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

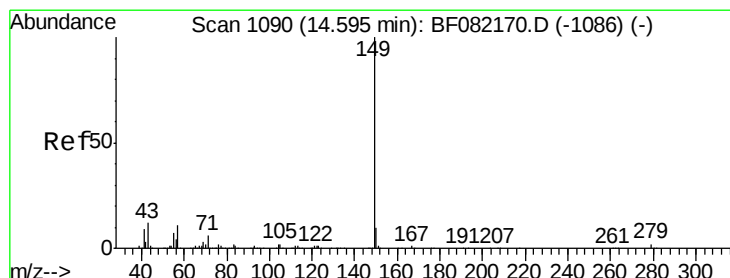
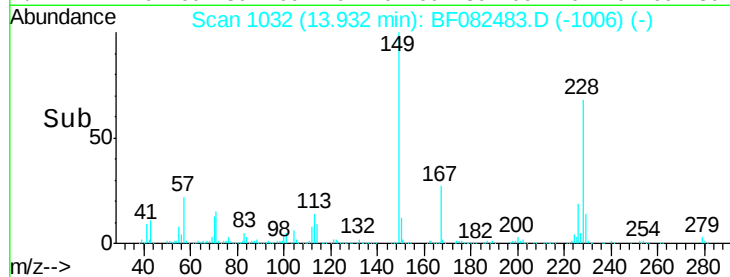
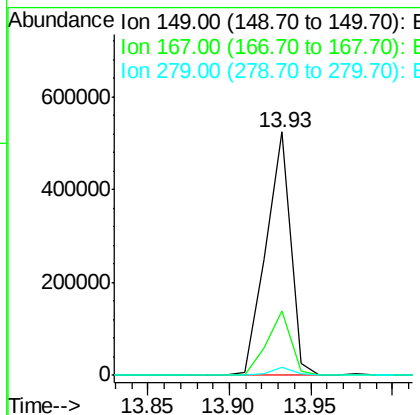
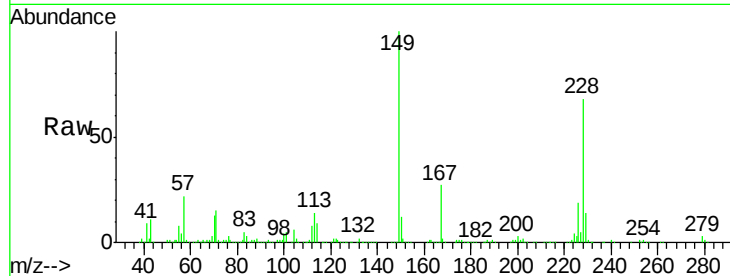




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.34 ng
 RT: 13.93 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

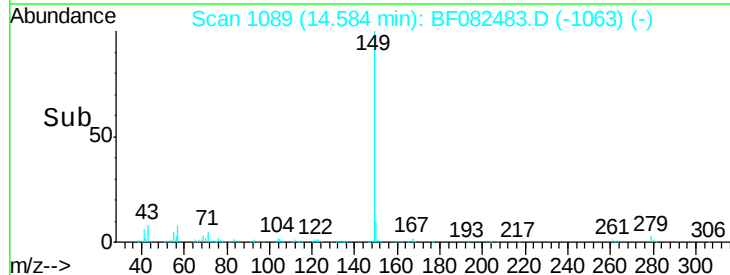
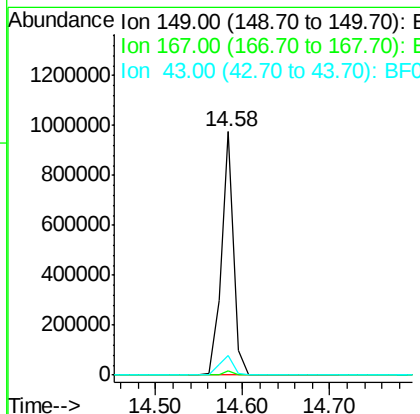
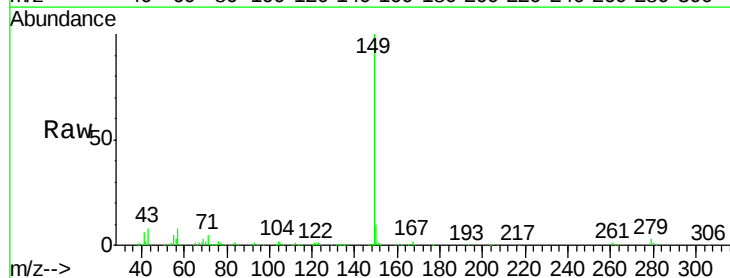
Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Tot Ion:149 Resp: 553834
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.4 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 41.51 ng
 RT: 14.58 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Tgt Ion:149 Resp: 954955
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.2 7.4 11.2

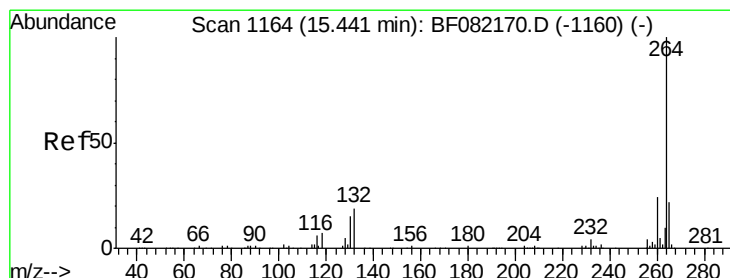
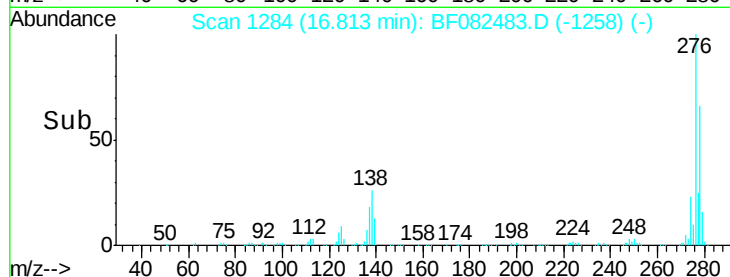
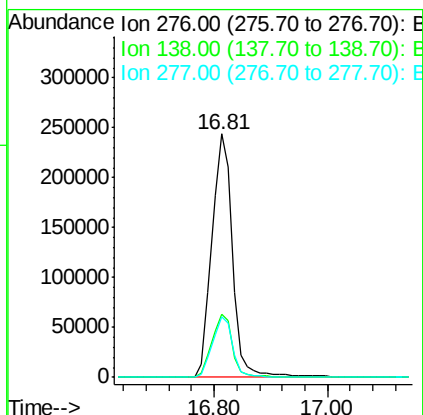
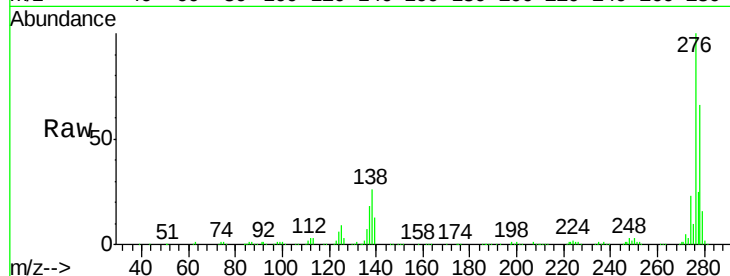




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.39 ng
RT: 16.81 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF082483.D
Acq: 23 Oct 2015 23:46

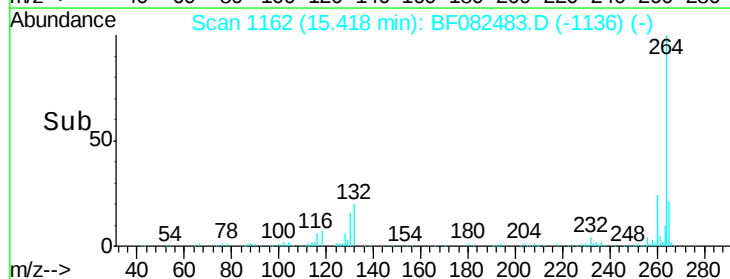
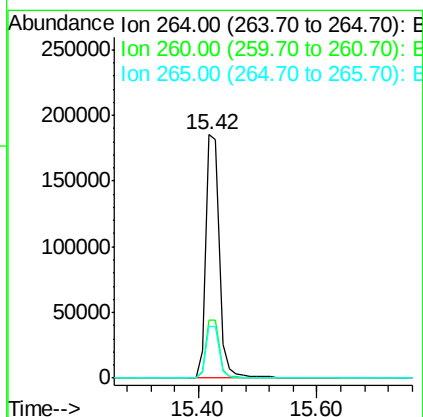
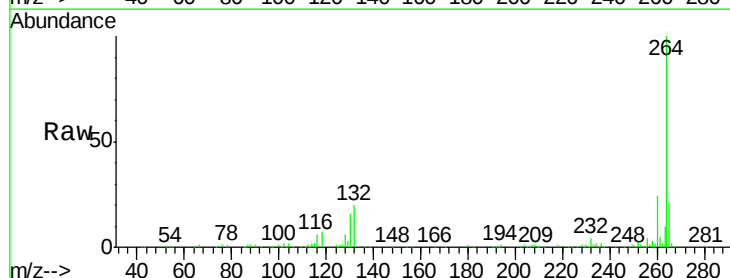
Instrument :
BNA_F
ClientSampleId :
PB86276BSD

Tot Ion:276 Resp: 610207
Ion Ratio Lower Upper
276 100
138 26.0 19.7 29.5
277 24.9 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: BF082483.D
Acq: 23 Oct 2015 23:46

Tgt Ion:264 Resp: 298921
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 74.61 ng

RT: 15.05 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

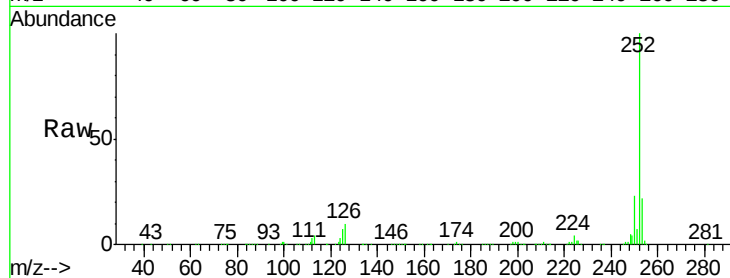
Tot Ion:252 Resp: 1356798

Ion Ratio Lower Upper

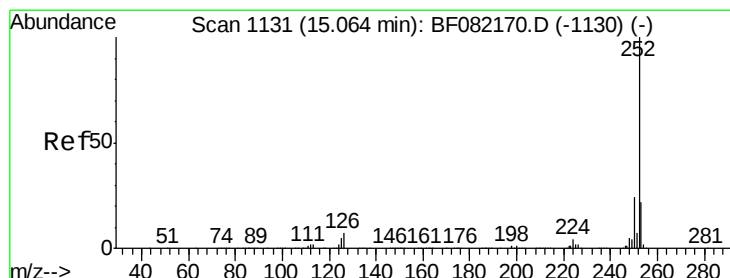
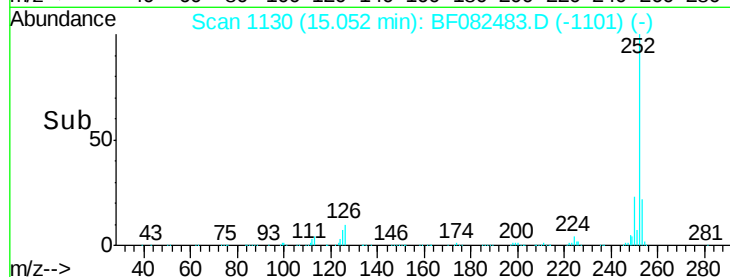
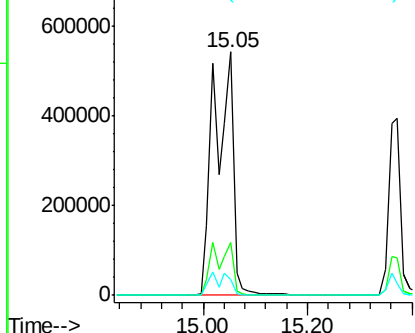
252 100

253 21.6 18.0 27.0

125 6.5 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.87 ng

RT: 15.05 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

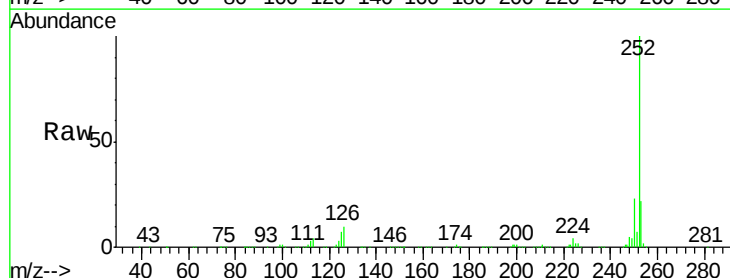
Tgt Ion:252 Resp: 1358417

Ion Ratio Lower Upper

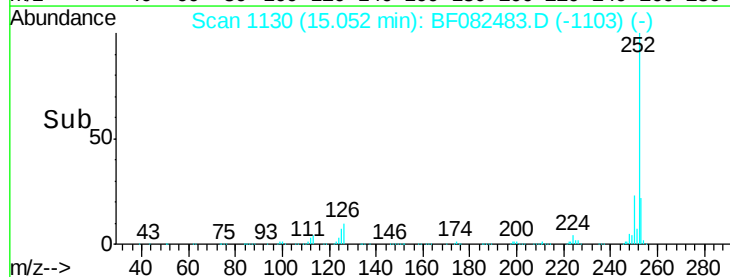
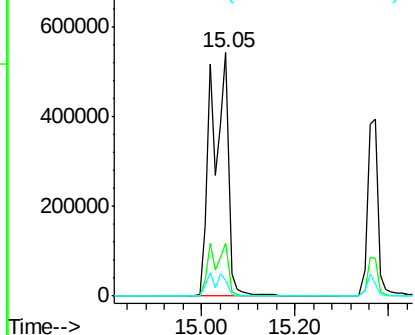
252 100

253 21.6 17.8 26.6

125 6.5 6.7 10.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.66 ng

RT: 15.37 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

Instrument :

BNA_F

ClientSampleId :

PB86276BSD

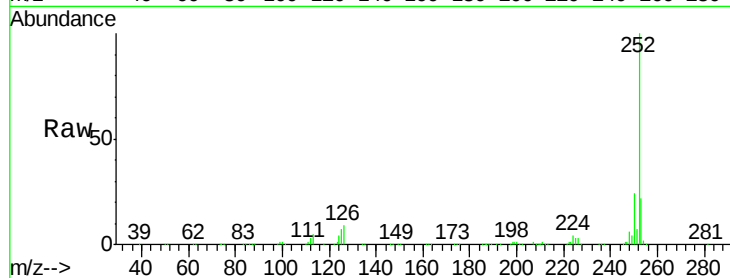
Tot Ion:252 Resp: 635489

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

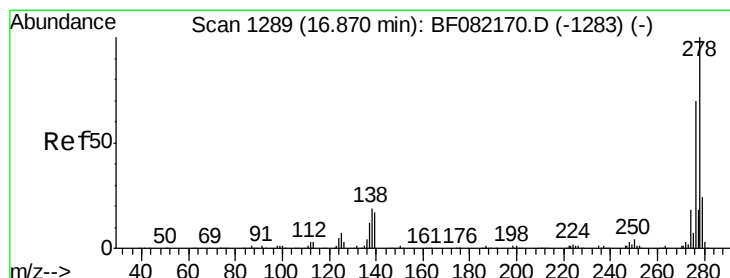
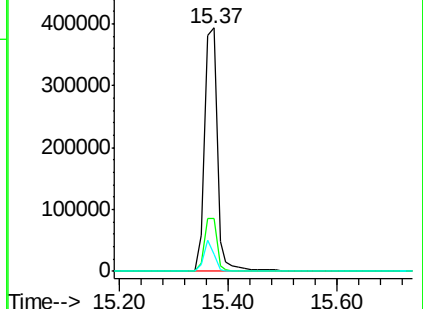
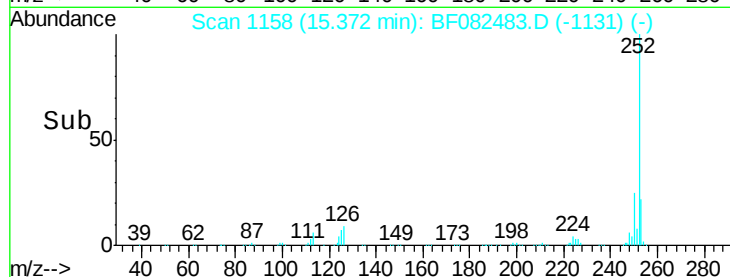
125 6.9 8.9 13.3#



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: 40.77 ng

RT: 16.82 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF082483.D

Acq: 23 Oct 2015 23:46

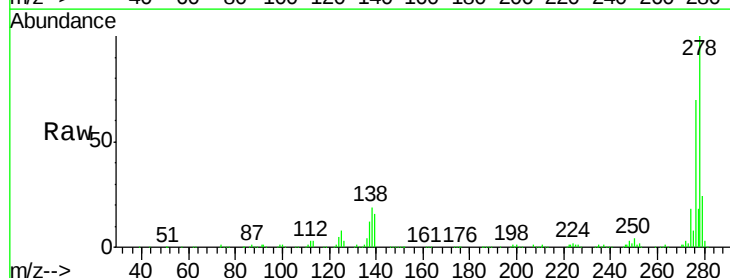
Tgt Ion:278 Resp: 522147

Ion Ratio Lower Upper

278 100

139 15.9 13.3 19.9

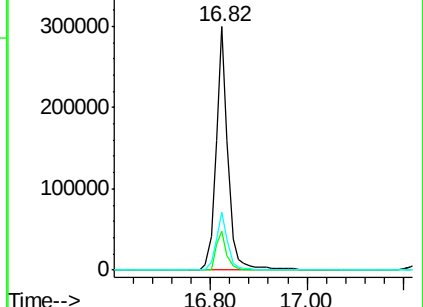
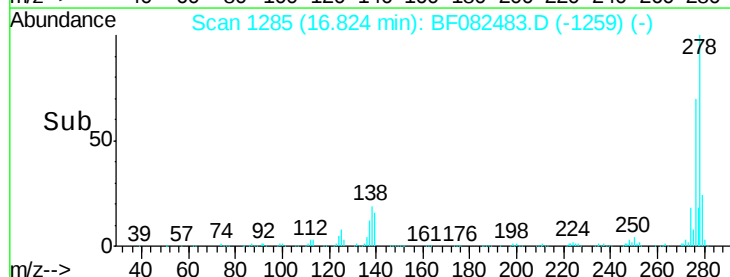
279 23.8 18.9 28.3

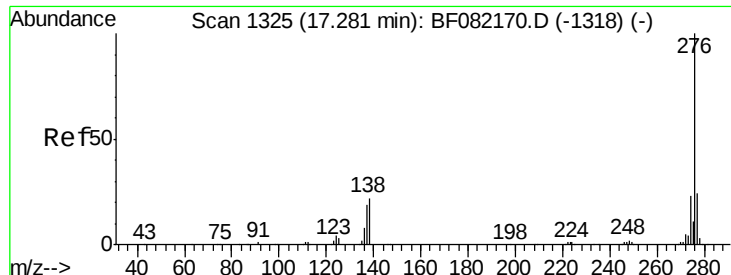


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

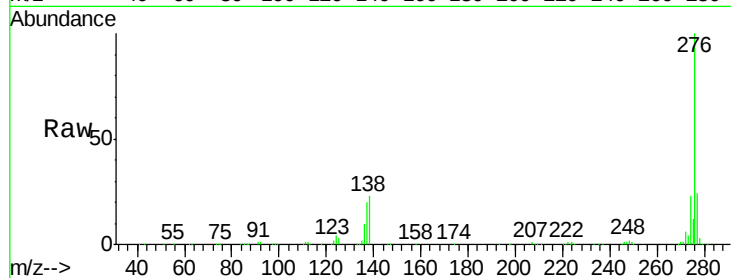




#91
 Benzo(a,h,i)perylene
 Concen: 39.99 ng
 RT: 17.22 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF082483.D
 Acq: 23 Oct 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.3	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

