

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082356.D
 Acq On : 19 Oct 2015 15:31
 Operator : UM/IZ
 Sample : PB86128BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Quant Time: Oct 20 02:02:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95360	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	373563	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	196190	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	373812	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	341594	20.00	ng	0.00
86) Perylene-d12	15.69	264	269923	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	384145	81.30	ng	0.00
7) Phenol-d6	6.45	99	511048	83.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	464194	83.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	134803	73.27	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1010289	85.40	ng	0.00
78) Terphenyl-d14	12.95	244	967654	75.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	72013	30.33	ng	97
3) Pyridine	3.10	79	212455	38.48	ng	99
4) n-Nitrosodimethylamine	3.06	42	93893	40.10	ng	97
6) Aniline	6.47	93	263065	33.18	ng	97
8) 2-Chlorophenol	6.58	128	241192	41.81	ng	82
9) Benzaldehyde	6.34	77	118431	37.72	ng	91
10) Phenol	6.46	94	300818	42.43	ng	90
11) bis(2-Chloroethyl)ether	6.54	93	239044	39.87	ng	90
12) 1,3-Dichlorobenzene	6.82	146	276205	41.12	ng	96
13) 1,4-Dichlorobenzene	6.82	146	281652	40.15	ng	98
14) 1,2-Dichlorobenzene	6.97	146	271977	40.83	ng	96
15) Benzyl Alcohol	6.95	79	193817	45.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	330356	39.57	ng	97
17) 2-Methylphenol	7.07	107	201404	44.16	ng	98
18) Hexachloroethane	7.31	117	98905	41.19	ng	# 89
19) n-Nitroso-di-n-propylamine	7.22	70	161810	37.47	ng	# 87
20) 3+4-Methylphenols	7.22	107	239498	44.06	ng	92
22) Acetophenone	7.22	105	335503	45.40	ng	# 94
24) Nitrobenzene	7.39	77	250992	41.68	ng	98
25) Isophorone	7.63	82	476208	42.42	ng	99
26) 2-Nitrophenol	7.71	139	143408	47.70	ng	99
27) 2,4-Dimethylphenol	7.76	122	233273	48.16	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	303217	46.42	ng	99
29) 2,4-Dichlorophenol	7.95	162	222108	45.87	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	237528	42.56	ng	97
31) Naphthalene	8.11	128	681628	42.09	ng	99
32) Benzoic acid	7.89	122	128850	39.63	ng	98
33) 4-Chloroaniline	8.17	127	162214	24.12	ng	99
34) Hexachlorobutadiene	8.23	225	142502	40.98	ng	98
35) Caprolactam	8.55	113	65944	46.93	ng	# 71
36) 4-Chloro-3-methylphenol	8.66	107	230067	48.59	ng	98
37) 2-Methylnaphthalene	8.81	142	520417	46.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	237358	40.68	ng	98
40) Hexachlorocyclopentadiene	8.96	237	204645	70.42	ng	97

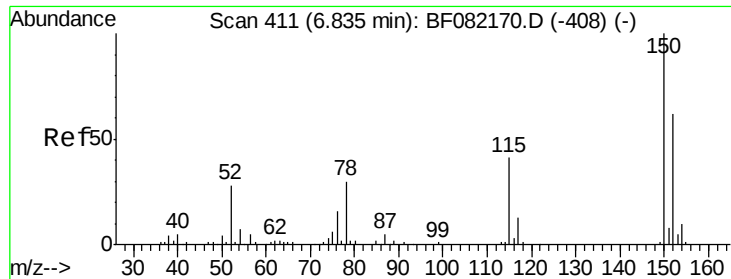
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082356.D
 Acq On : 19 Oct 2015 15:31
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	168443	43.46	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	170889	40.70	nq	# 87
45) 1,1'-Biphenyl	9.28	154	648922	43.38	nq	95
46) 2-Chloronaphthalene	9.30	162	506042	42.97	nq	98
47) 2-Nitroaniline	9.41	65	153970	47.62	nq	# 80
48) Acenaphthylene	9.71	152	742318	40.46	nq	100
49) Dimethylphthalate	9.59	163	611893	44.29	nq	98
50) 2,6-Dinitrotoluene	9.65	165	121821	41.79	nq	# 77
51) Acenaphthene	9.89	154	442590	40.18	nq	99
52) 3-Nitroaniline	9.82	138	80257	24.37	nq	91
53) 2,4-Dinitrophenol	9.93	184	136783	83.65	nq	95
54) Dibenzofuran	10.06	168	649779	42.97	nq	95
55) 4-Nitrophenol	9.99	139	166851	75.16	nq	# 82
56) 2,4-Dinitrotoluene	10.06	165	182573	50.11	nq	95
57) Fluorene	10.40	166	510223	41.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	153350	44.70	nq	100
59) Diethylphthalate	10.29	149	611456	47.48	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	272140	47.84	nq	# 82
61) 4-Nitroaniline	10.43	138	131090	41.05	nq	93
62) Azobenzene	10.56	77	590175	46.83	nq	88
64) 4,6-Dinitro-2-methylphenol	10.47	198	92175	43.94	nq	82
65) n-Nitrosodiphenylamine	10.51	169	483129	43.17	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	162140	43.34	nq	# 82
67) Hexachlorobenzene	10.95	284	168797	41.72	nq	# 76
68) Atrazine	11.05	200	177423	50.04	nq	99
69) Pentachlorophenol	11.15	266	185475	89.09	nq	98
70) Phenanthrene	11.37	178	863297	47.12	nq	98
71) Anthracene	11.42	178	822081	43.54	nq	99
72) Carbazole	11.58	167	726562	42.18	nq	99
73) Di-n-butylphthalate	11.91	149	974195	45.85	nq	99
74) Fluoranthene	12.56	202	853124	43.35	nq	97
76) Benzidine	12.70	184	374352	37.82	nq	98
77) Pyrene	12.80	202	956233	47.17	nq	99
79) Butylbenzylphthalate	13.45	149	394684	42.66	nq	95
80) Benzo(a)anthracene	14.08	228	767221	43.17	nq	100
81) 3,3'-Dichlorobenzidine	14.05	252	187501	27.79	nq	# 97
82) Chrysene	14.12	228	706137	37.71	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	553508	41.94	nq	# 97
84) Di-n-octyl phthalate	14.79	149	946925	41.78	nq	99
85) Indeno(1,2,3-cd)pyrene	17.13	276	599388	40.27	nq	98
87) Benzo(b)fluoranthene	15.27	252	726302	44.23	nq	# 96
88) Benzo(k)fluoranthene	15.27	252	726302	52.62	nq	98
89) Benzo(a)pyrene	15.62	252	628552	44.54	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	508253	43.95	nq	97
91) Benzo(g,h,i)perylene	17.56	276	499327	44.44	nq	97

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

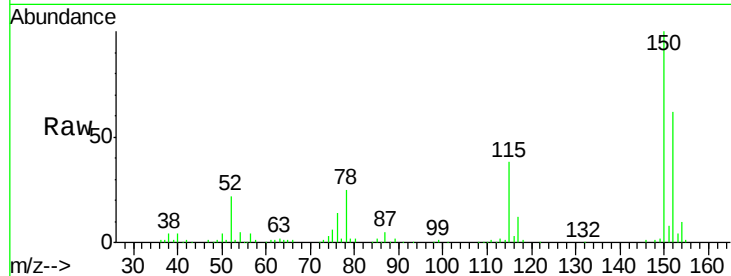


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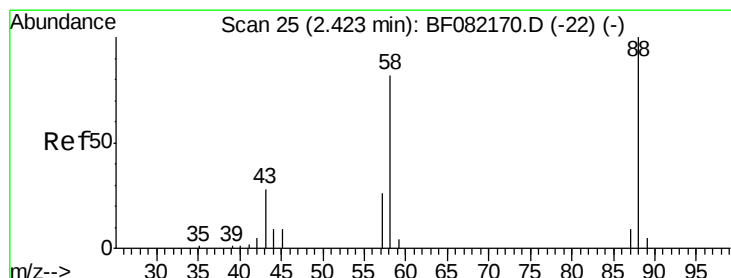
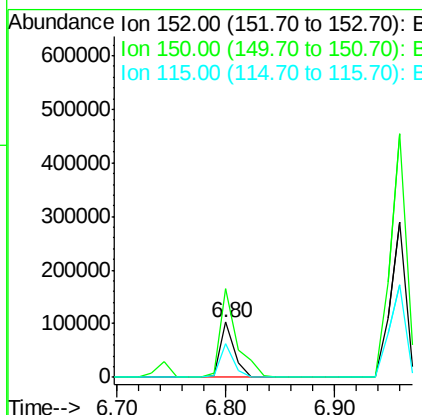
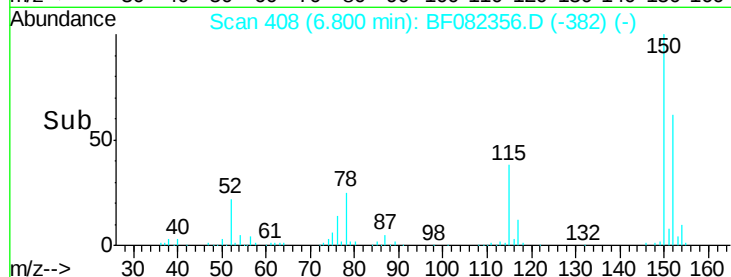
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion:152 Resp: 95360
Ion Ratio Lower Upper
152 100
150 160.6 129.0 193.4
115 60.5 52.1 78.1



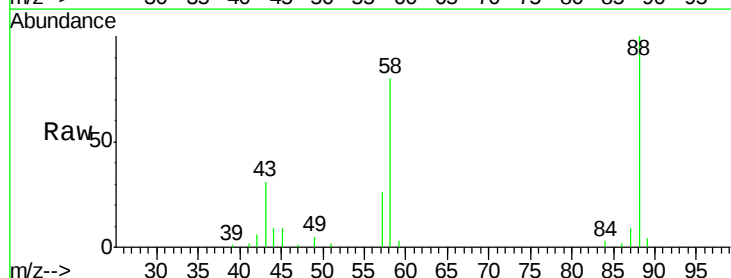
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



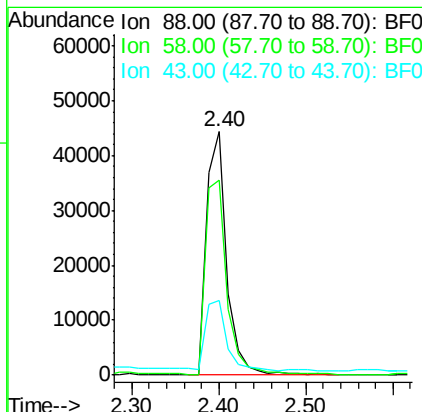
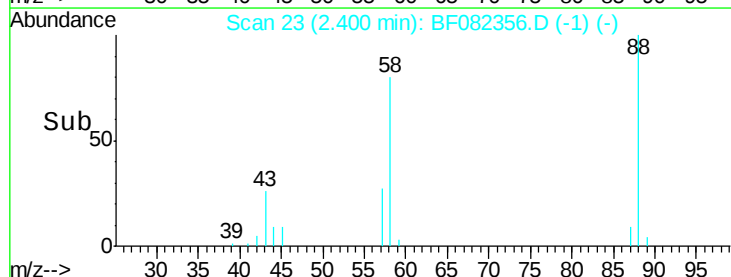
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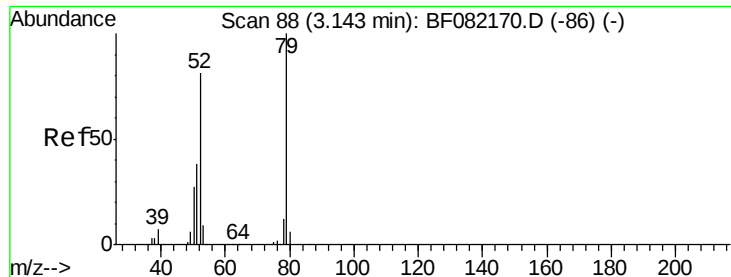
1,4-Dioxane
Concen: 30.33 ng
RT: 2.40 min Scan# 23
Delta R.T. 0.06 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion: 88 Resp: 72013
Ion Ratio Lower Upper
88 100
58 85.6 66.2 99.4
43 30.9 23.0 34.4



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





#3

Pvridine

Concen: 38.48 ng

RT: 3.10 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

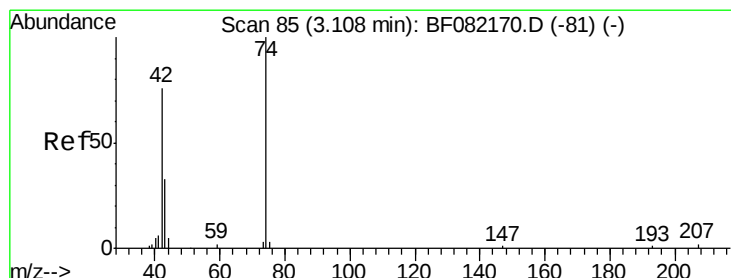
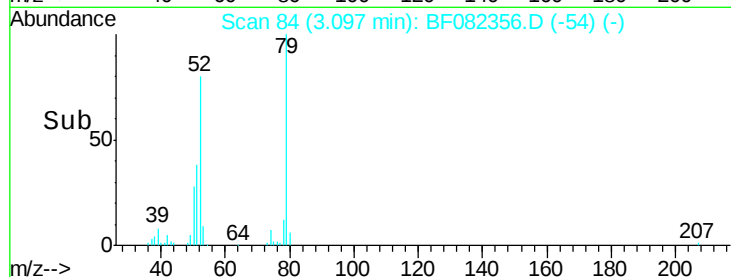
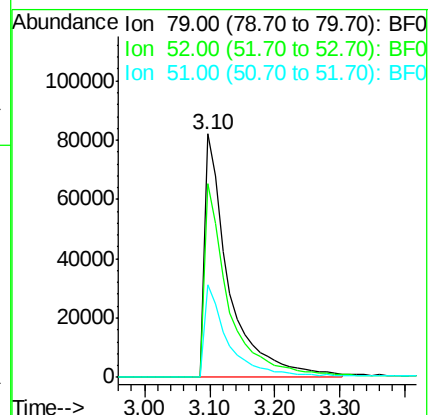
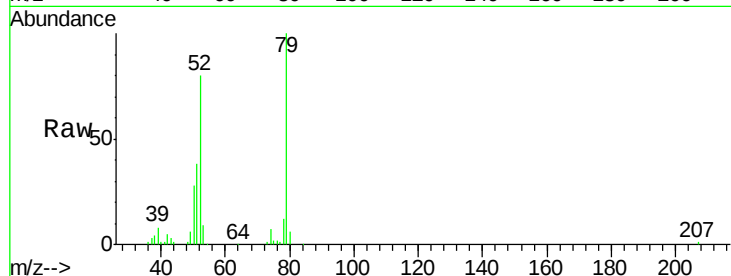
Tot Ion: 79 Resp: 212455

Ion Ratio Lower Upper

79 100

52 79.8 64.4 96.6

51 37.9 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 40.10 ng

RT: 3.06 min Scan# 81

Delta R.T. 0.03 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

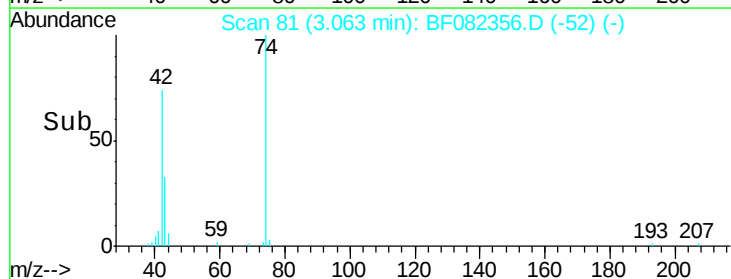
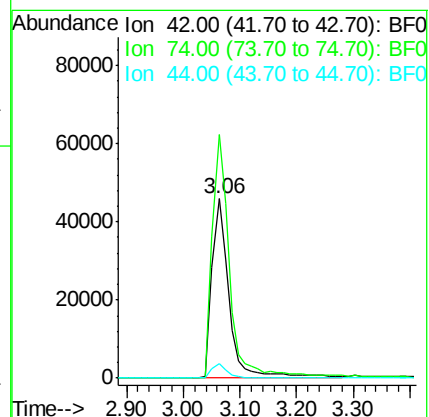
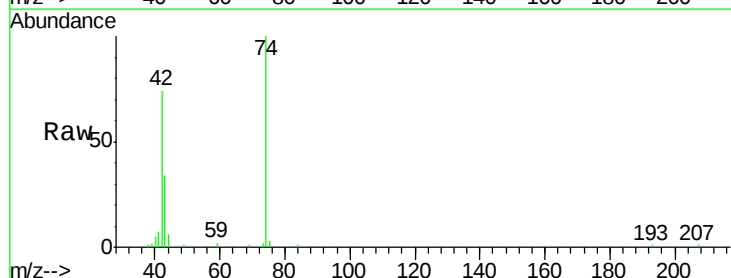
Tgt Ion: 42 Resp: 93893

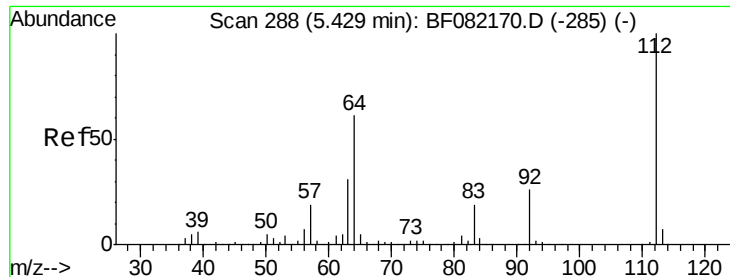
Ion Ratio Lower Upper

42 100

74 136.0 105.7 158.5

44 7.9 5.4 8.2





#5

2-Fluorophenol

Concen: 81.30 ng

RT: 5.39 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

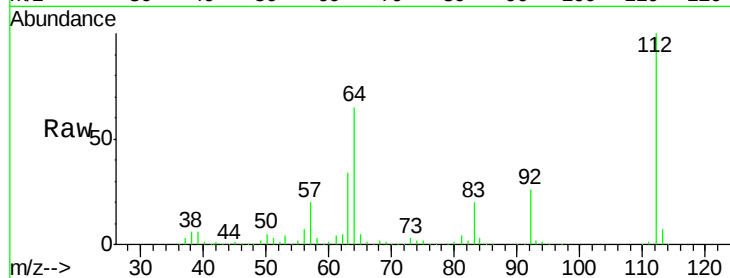
Tot Ion:112 Resp: 384145

Ion Ratio Lower Upper

112 100

64 65.3 48.6 73.0

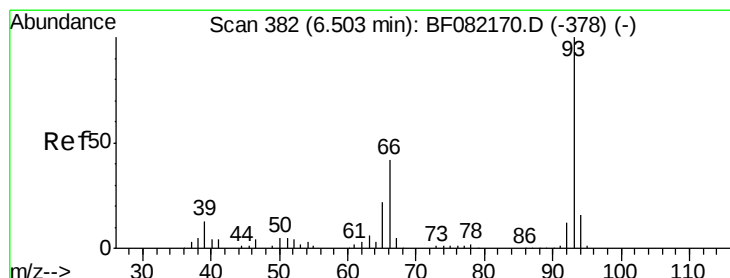
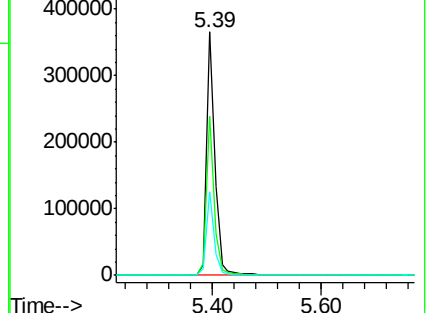
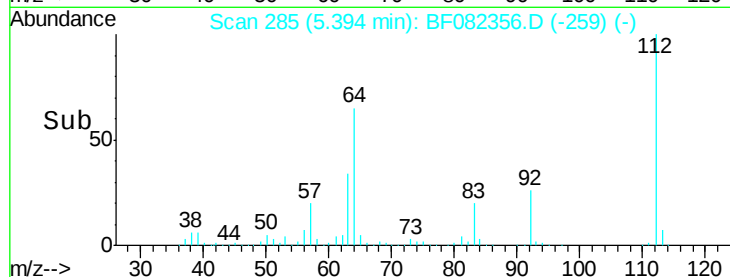
63 34.2 25.1 37.7



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: 33.18 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

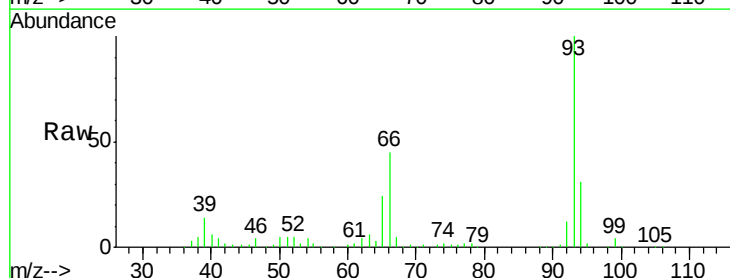
Tgt Ion: 93 Resp: 263065

Ion Ratio Lower Upper

93 100

66 44.9 34.2 51.2

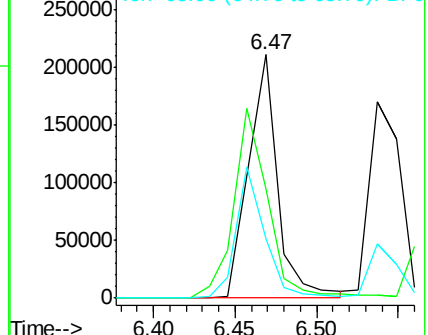
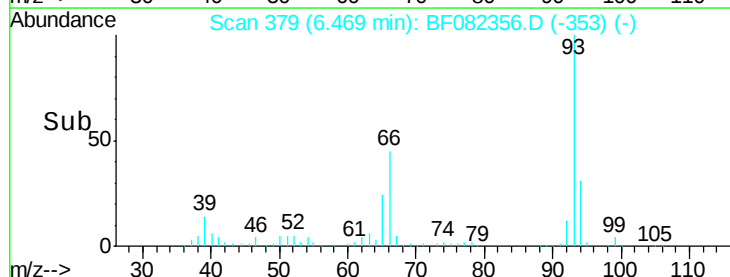
65 24.1 17.9 26.9

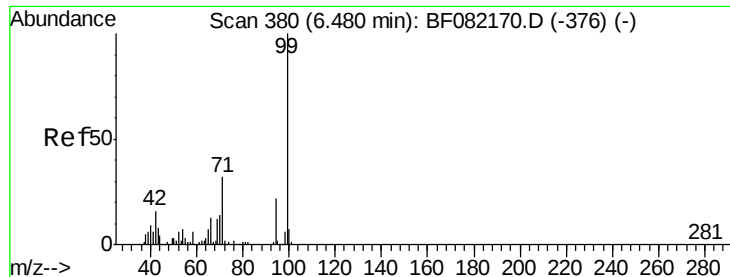


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.11 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

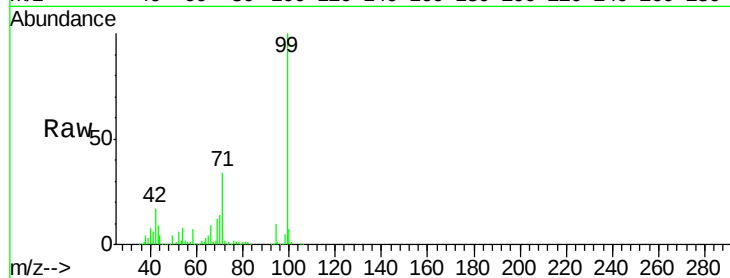
Tot Ion: 99 Resp: 511048

Ion Ratio Lower Upper

99 100

42 17.3 13.2 19.8

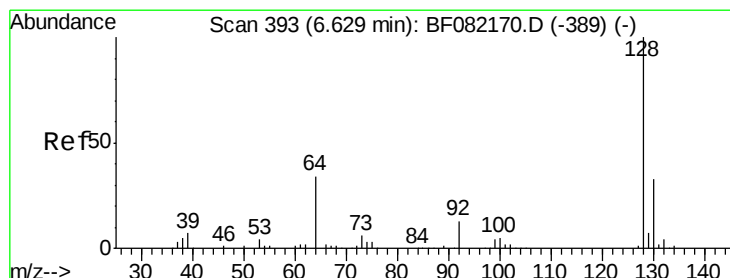
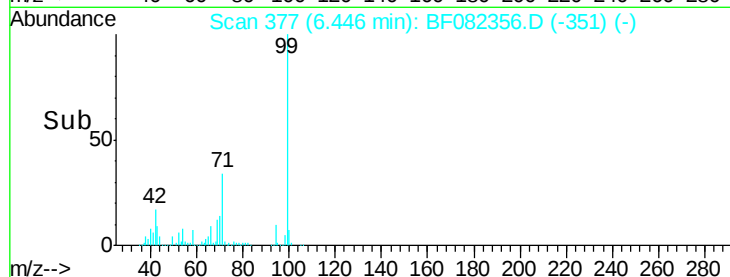
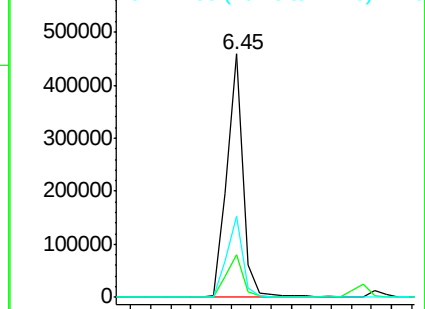
71 33.5 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.81 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

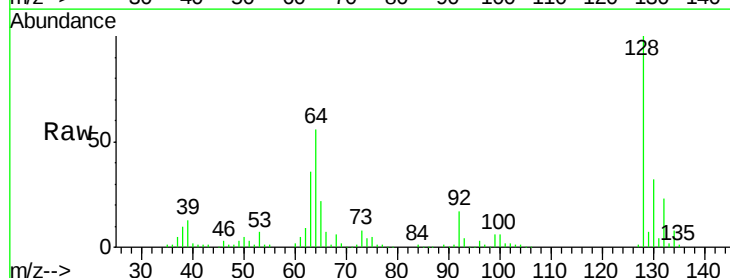
Tgt Ion: 128 Resp: 241192

Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

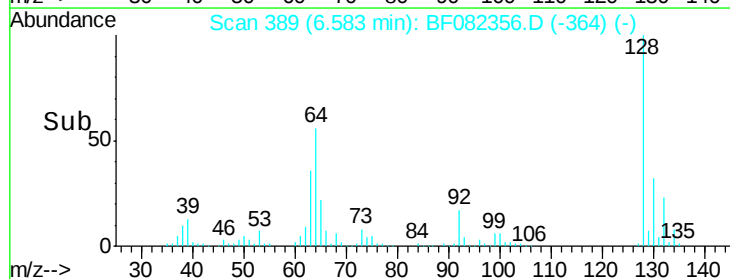
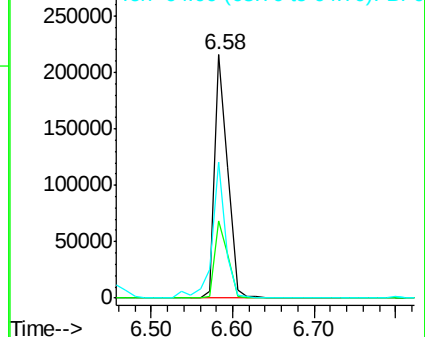
64 55.7 16.7 56.7

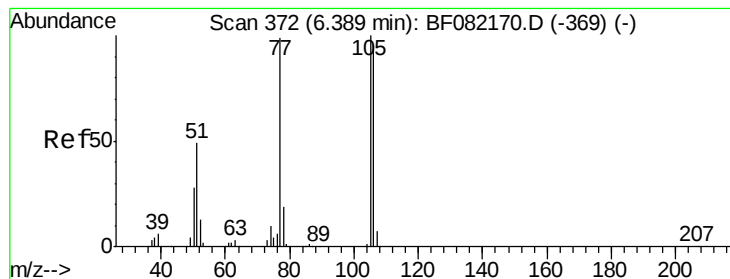


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.72 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

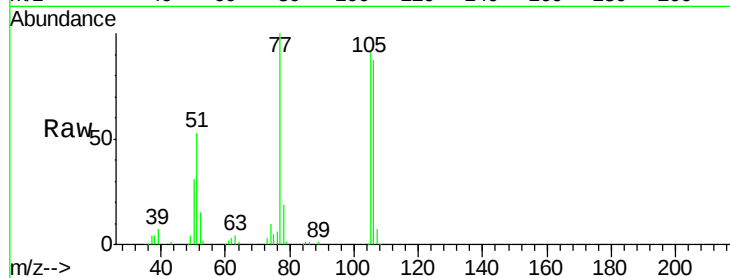
Tot Ion: 77 Resp: 118431

Ion Ratio Lower Upper

77 100

105 91.3 80.6 120.6

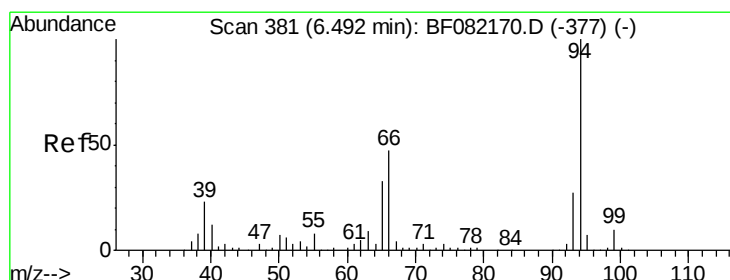
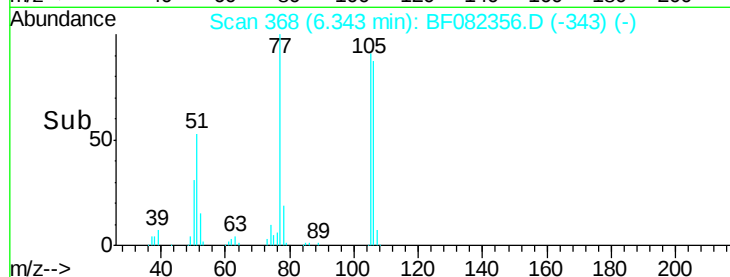
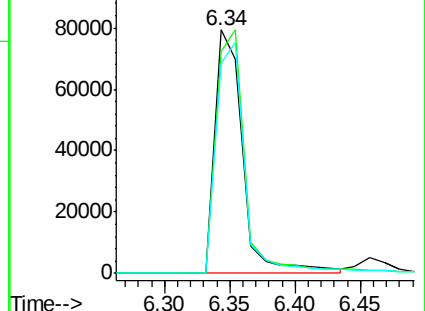
106 86.6 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.43 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

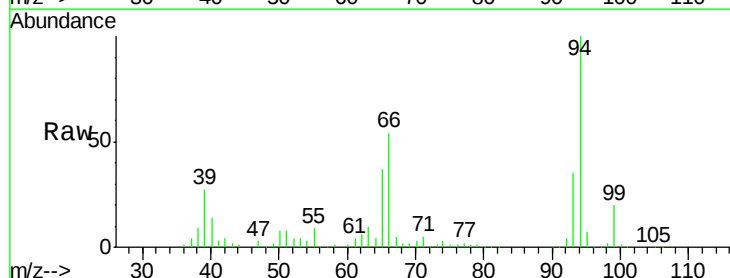
Tgt Ion: 94 Resp: 300818

Ion Ratio Lower Upper

94 100

65 37.5 12.6 52.6

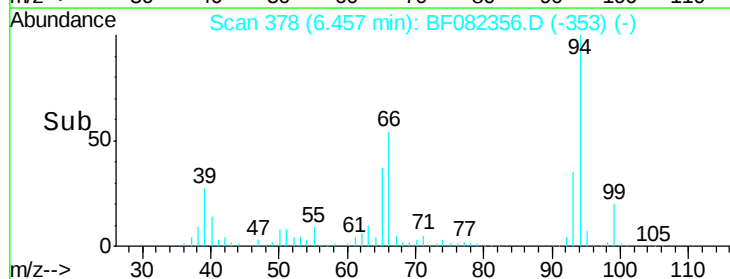
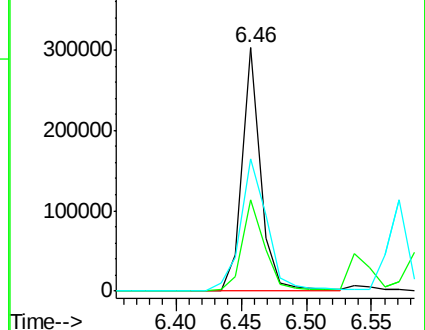
66 54.2 27.3 67.3

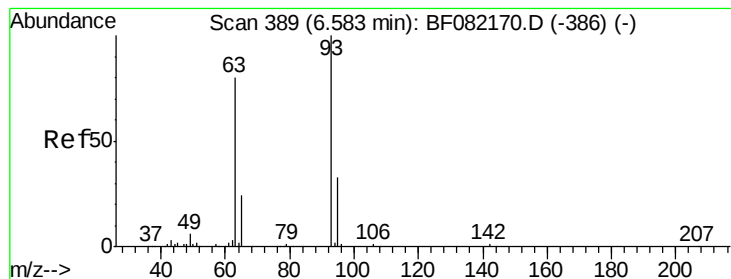


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.87 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

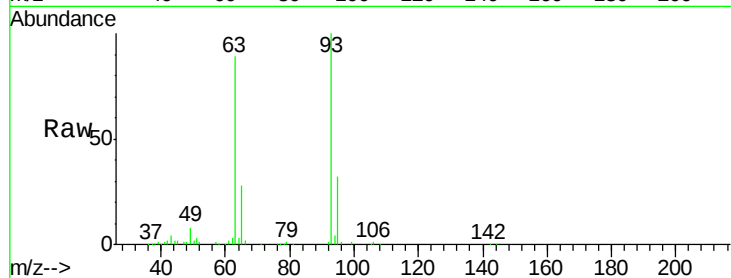
Tot Ion: 93 Resp: 239044

Ion Ratio Lower Upper

93 100

63 88.8 57.1 97.1

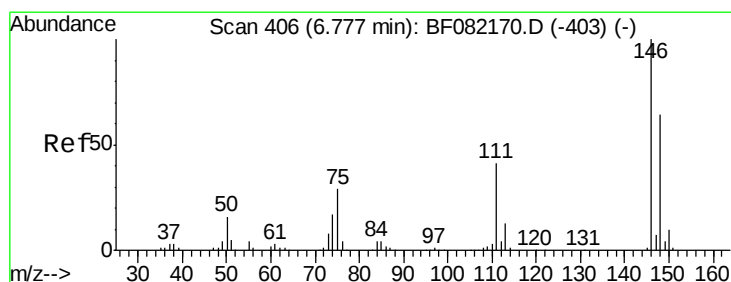
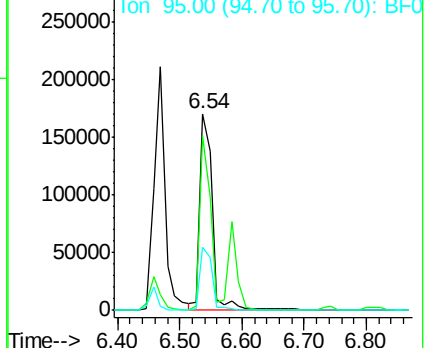
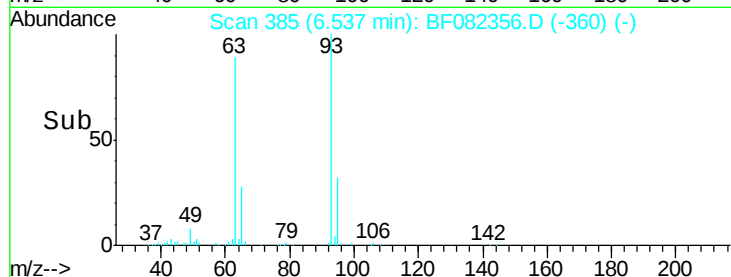
95 32.4 11.9 51.9



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: 41.12 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.08 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

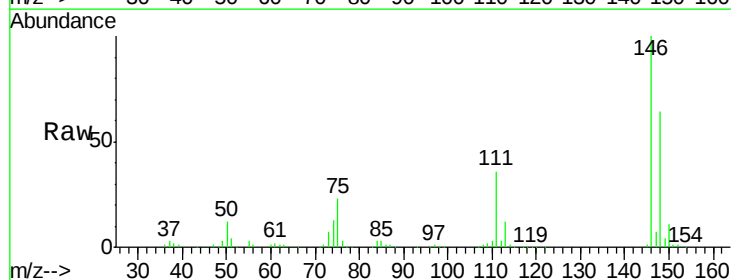
Tgt Ion: 146 Resp: 276205

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

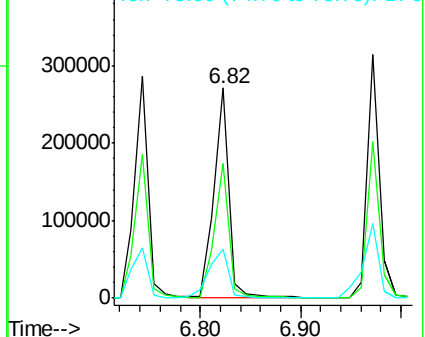
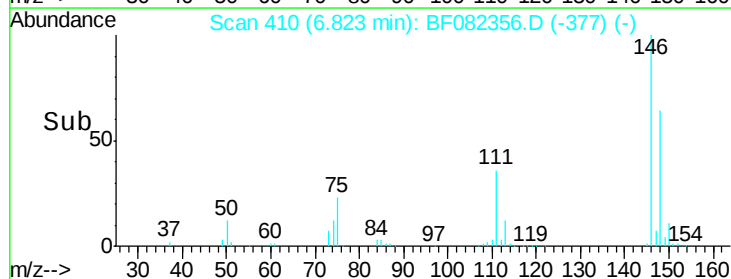
75 23.1 23.0 34.6

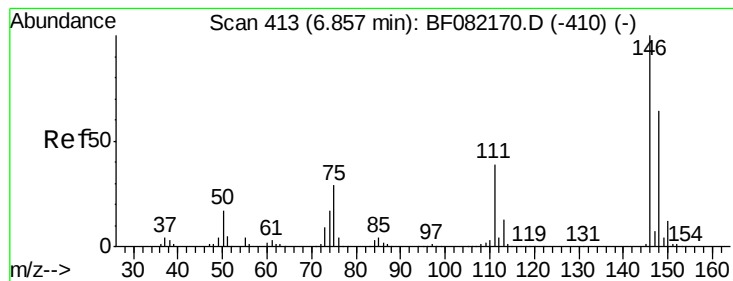


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.15 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

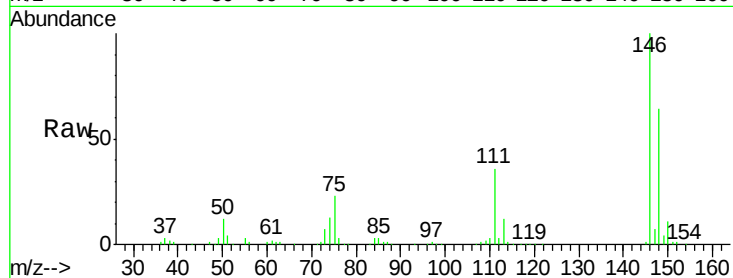
Tot Ion:146 Resp: 281652

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

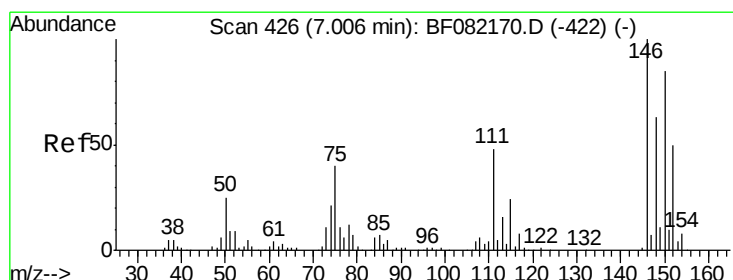
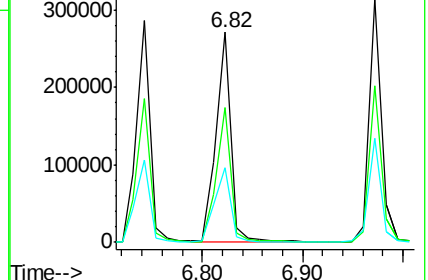
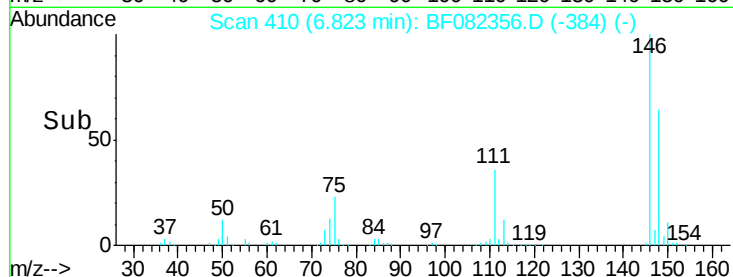
111 35.7 31.1 46.7



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: 40.83 ng

RT: 6.97 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

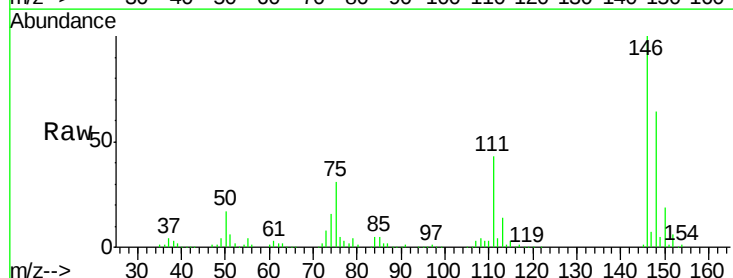
Tgt Ion:146 Resp: 271977

Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

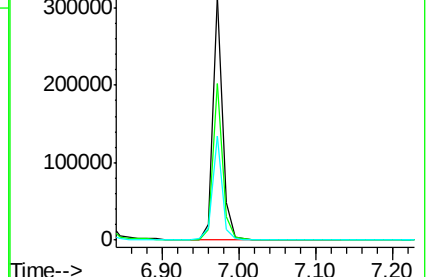
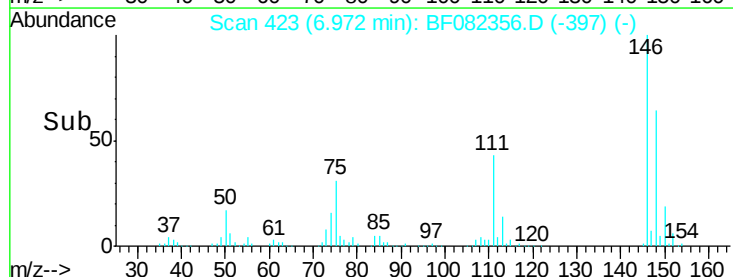
111 42.9 38.5 57.7

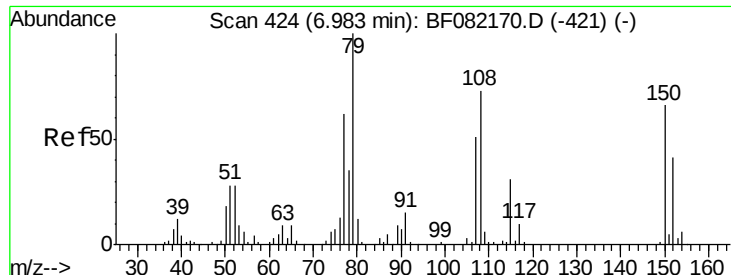


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.66 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

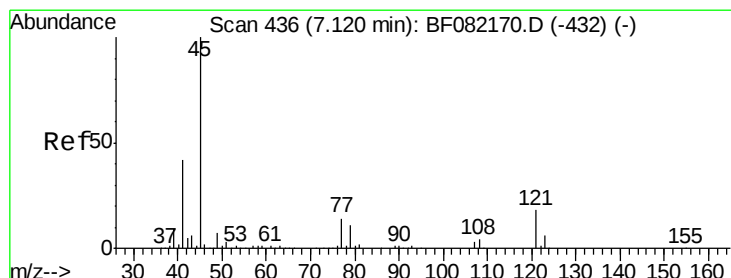
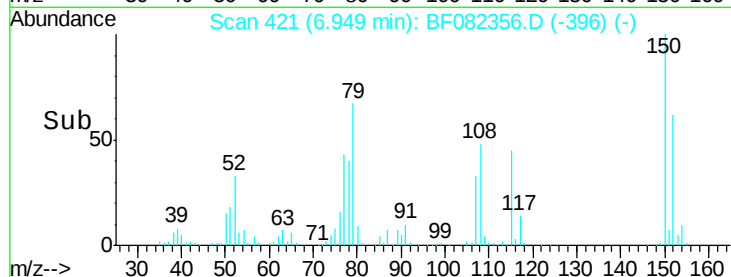
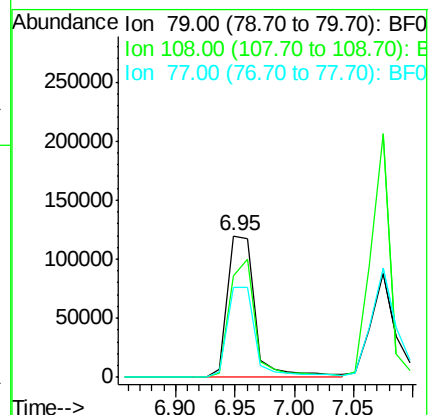
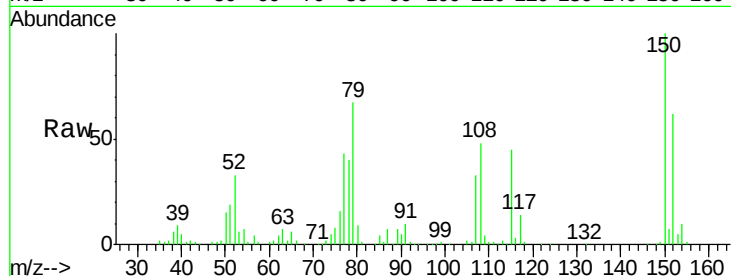
Tot Ion: 79 Resp: 193817

Ion Ratio Lower Upper

79 100

108 71.6 58.4 87.6

77 63.6 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.57 ng

RT: 7.09 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

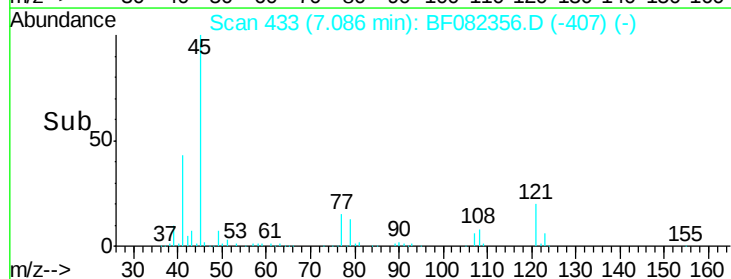
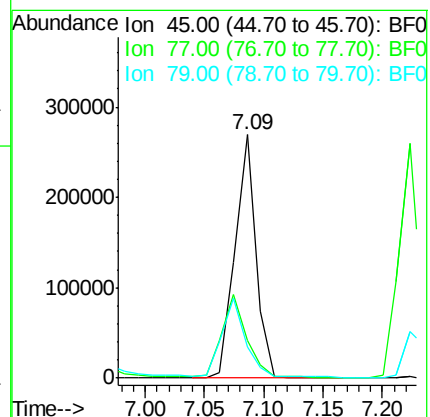
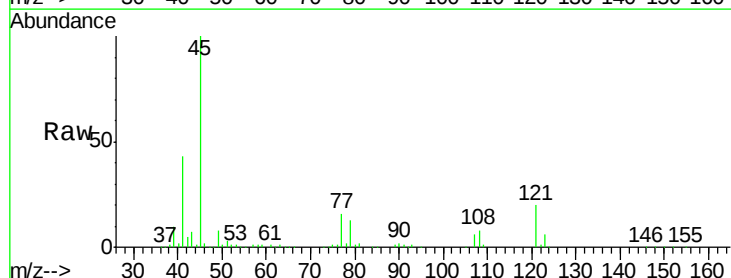
Tgt Ion: 45 Resp: 330356

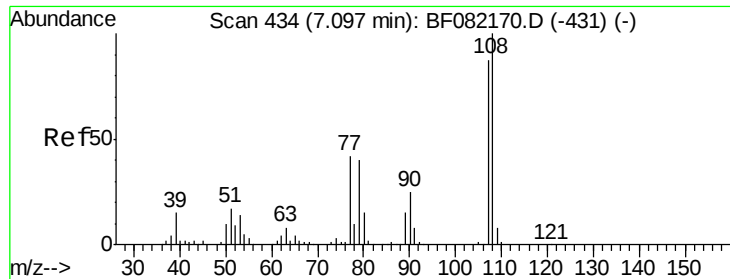
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.5

79 12.9 0.0 31.6

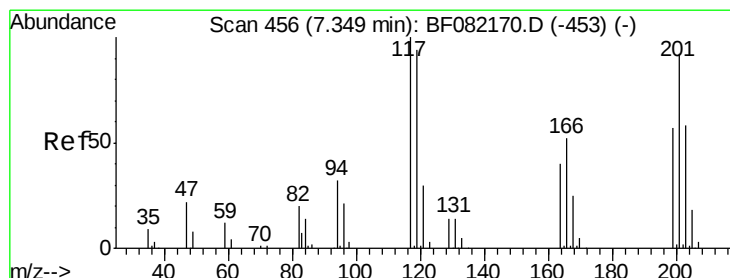
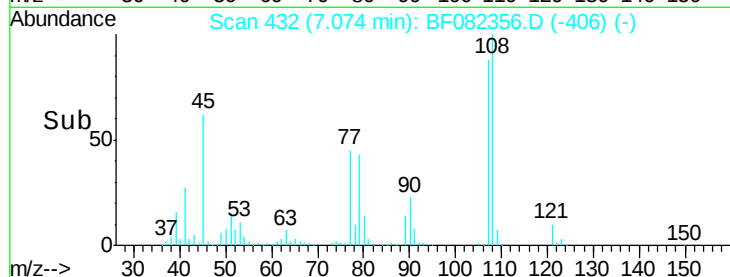
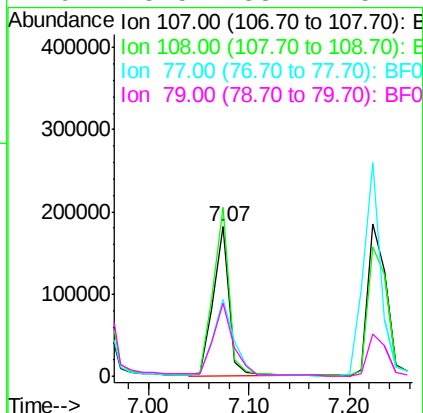
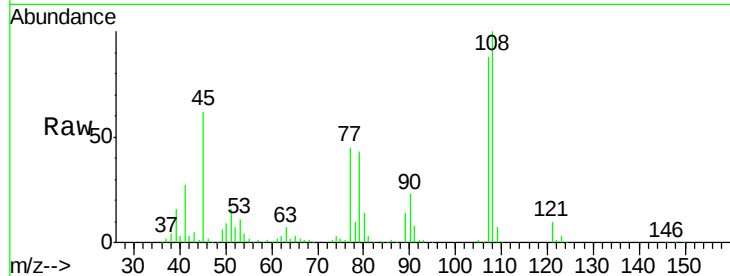




#17
2-Methylphenol
Concen: 44.16 ng
RT: 7.07 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

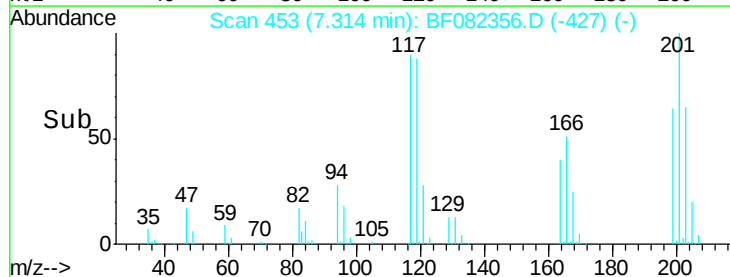
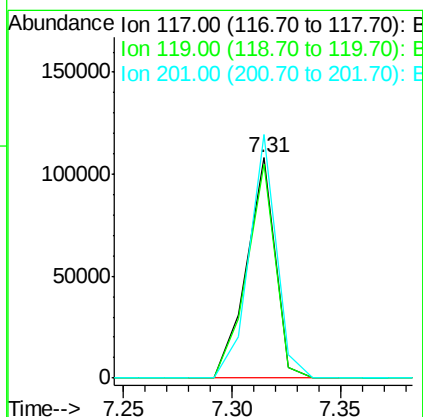
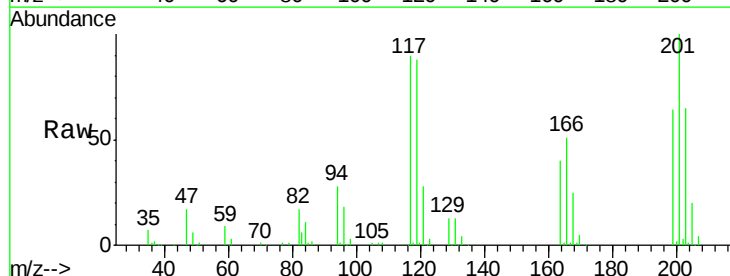
Instrument :
BNA_F
ClientSampleId :
PB86128BS

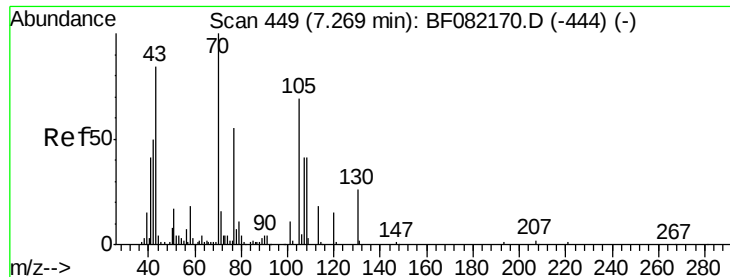
Tot Ion:	107	Resp:	201404
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.2	138.2
77	51.0	39.6	59.4
79	48.5	38.2	57.4



#18
Hexachloroethane
Concen: 41.19 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion:	117	Resp:	98905
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.2
201	110.5	73.4	110.0#

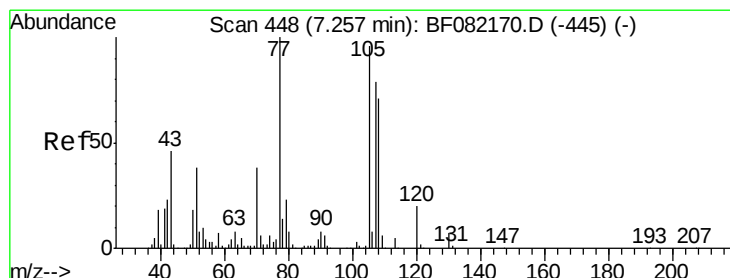
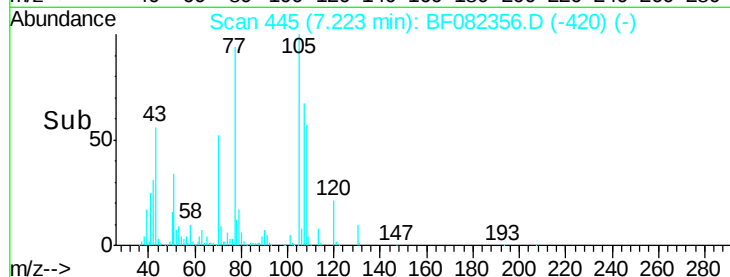
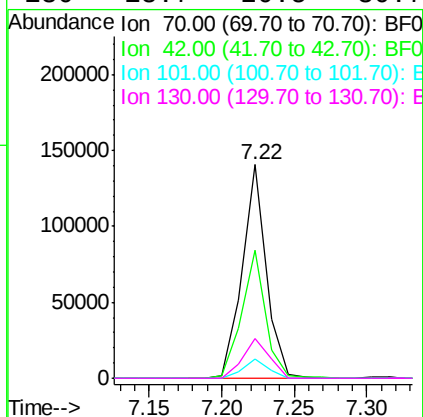
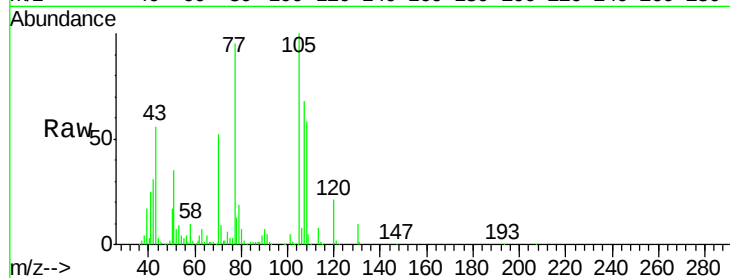




#19
n-Nitroso-di-n-propylamine
Concen: 37.47 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

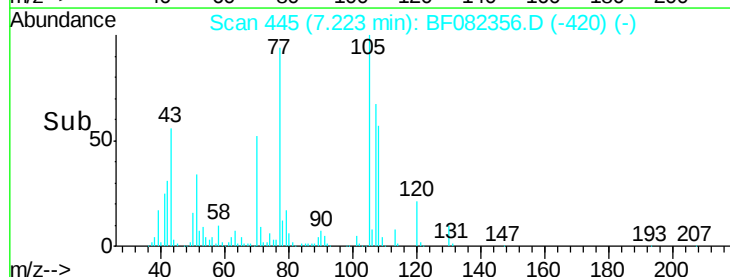
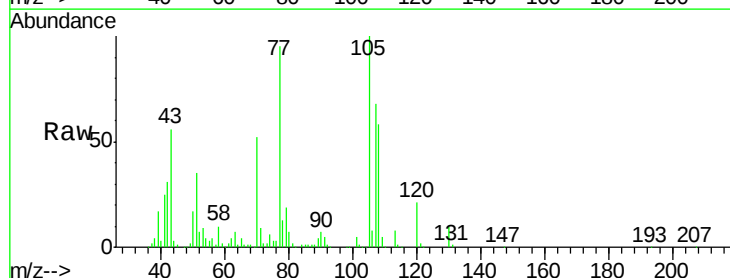
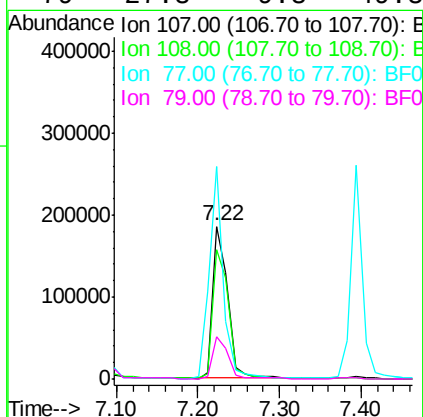
Instrument :
BNA_F
ClientSampleId :
PB86128BS

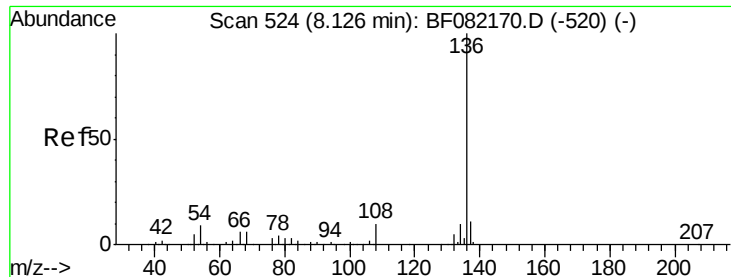
Tot Ion: 70 Resp: 161810
Ion Ratio Lower Upper
70 100
42 59.8 39.8 59.8#
101 8.8 8.6 13.0
130 18.7 20.5 30.7#



#20
3+4-Methylphenols
Concen: 44.06 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion:107 Resp: 239498
Ion Ratio Lower Upper
107 100
108 84.9 69.9 109.9
77 139.6 106.0 146.0
79 27.8 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

Tot Ion:136 Resp: 373563

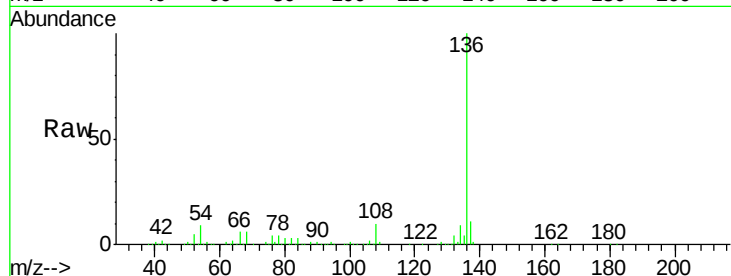
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.1 7.5 11.3

68 5.6 4.6 7.0

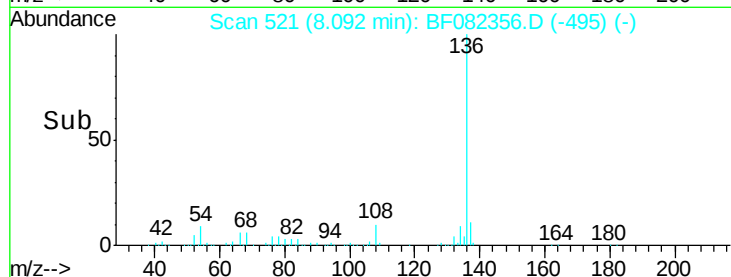


Abundance Ion 136.00 (135.70 to 136.70): E

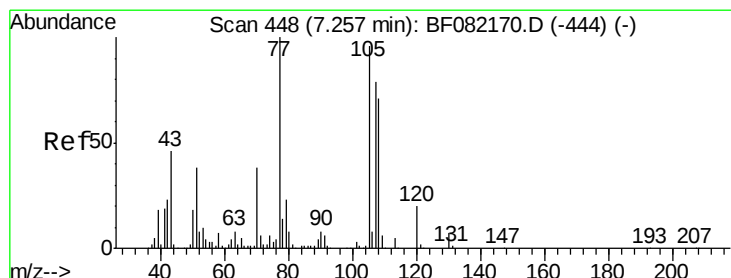
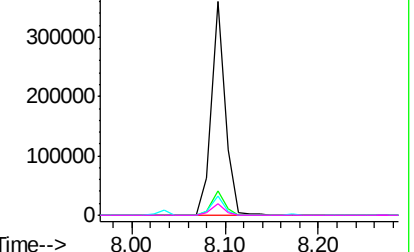
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 45.40 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:105 Resp: 335503

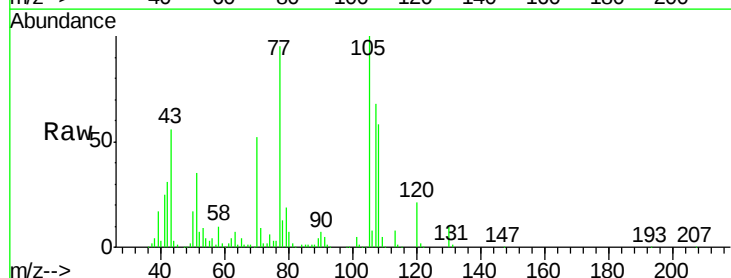
Ion Ratio Lower Upper

105 100

71 8.6 5.4 8.0#

51 34.8 31.8 47.6

120 20.8 16.3 24.5

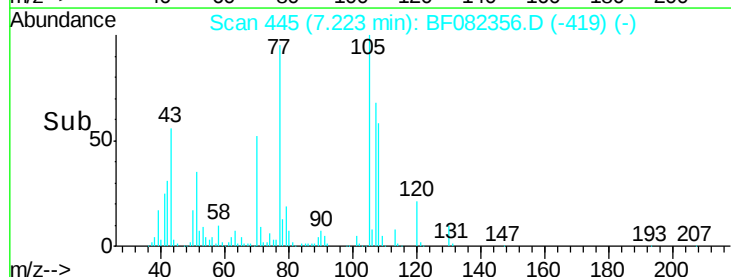


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

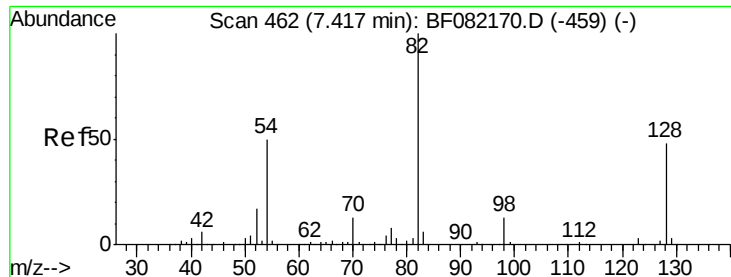
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

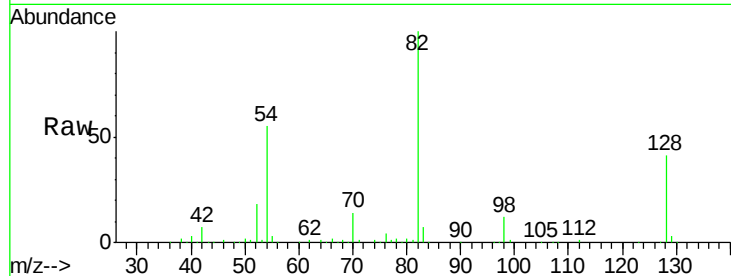




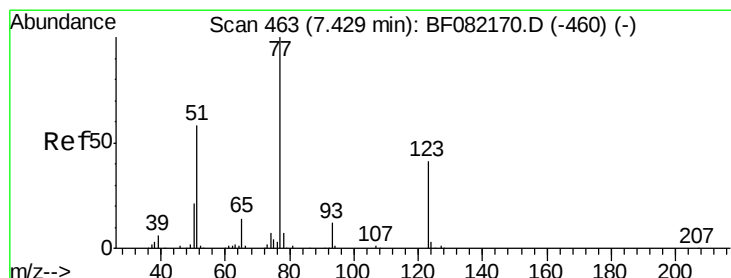
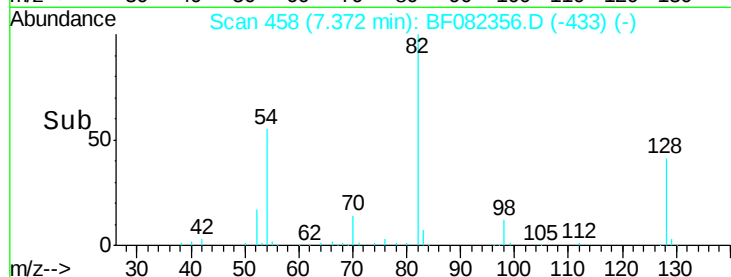
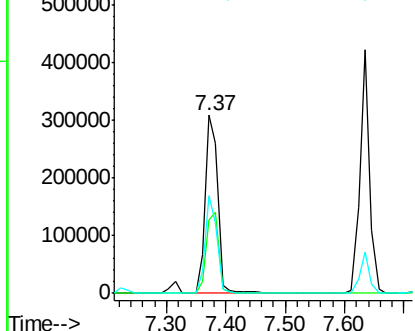
#23
Nitrobenzene-d5
Concen: 83.45 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion: 82 Resp: 464194
Ion Ratio Lower Upper
82 100
128 41.2 38.7 58.1
54 55.0 40.1 60.1

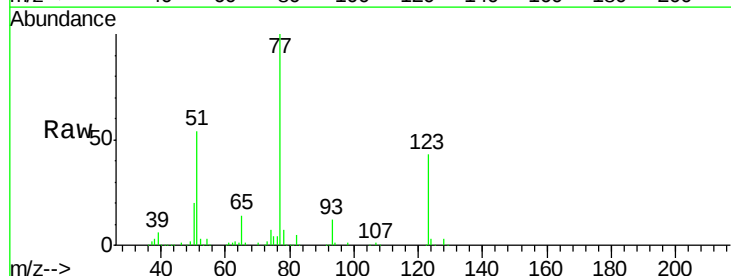


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

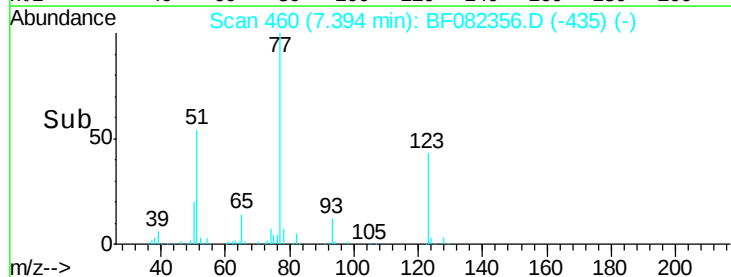
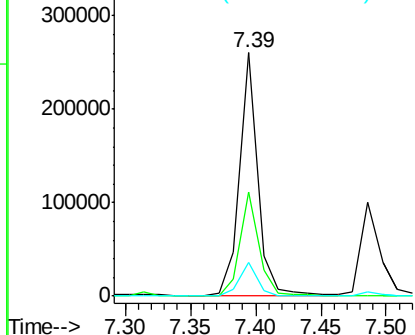


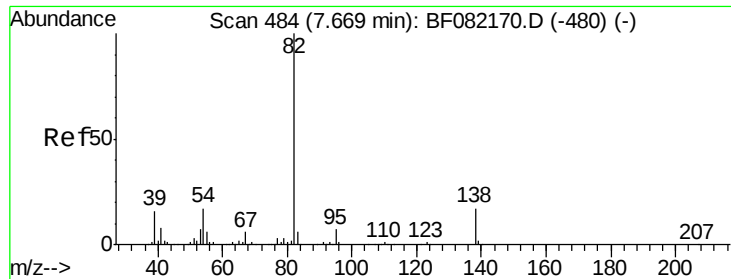
#24
Nitrobenzene
Concen: 41.68 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion: 77 Resp: 250992
Ion Ratio Lower Upper
77 100
123 42.6 33.0 49.4
65 13.9 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: 42.42 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampled :

PB86128BS

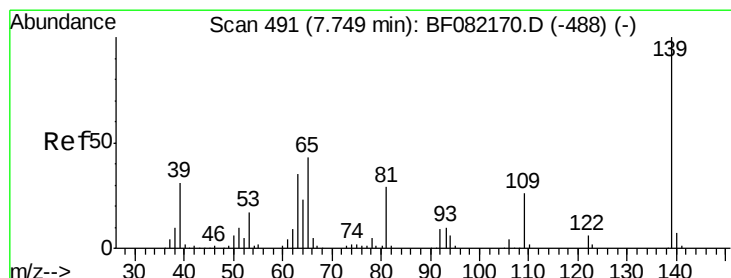
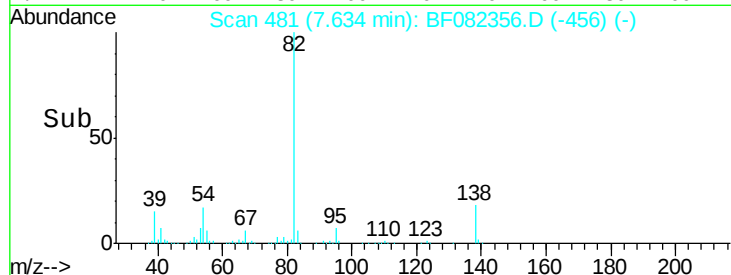
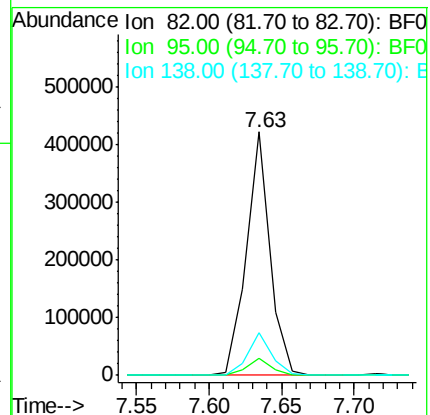
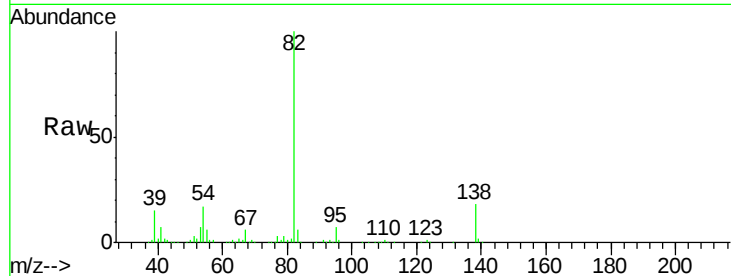
Tot Ion: 82 Resp: 476208

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.6 13.6 20.4



#26

2-Nitrophenol

Concen: 47.70 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

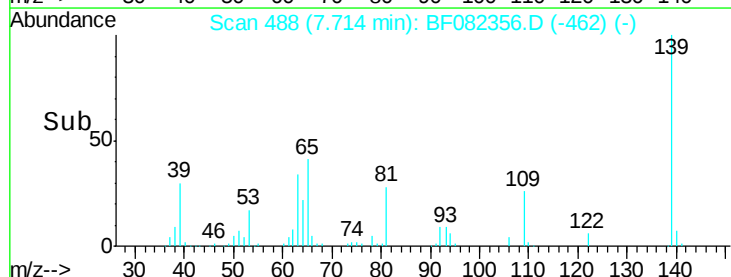
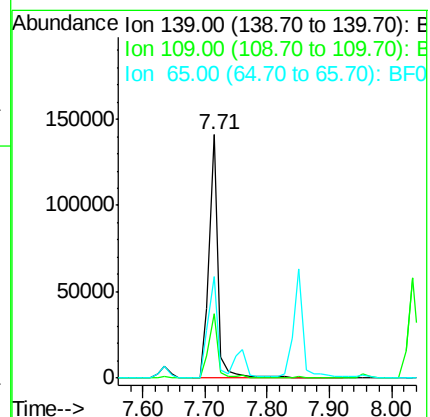
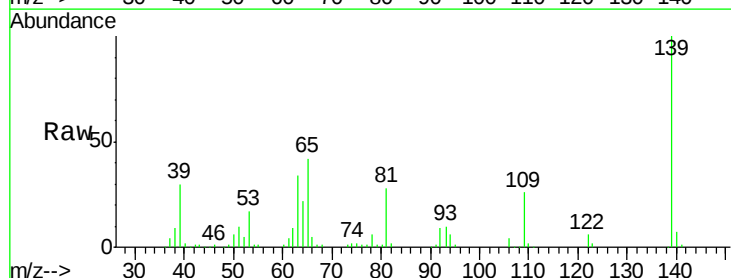
Tgt Ion: 139 Resp: 143408

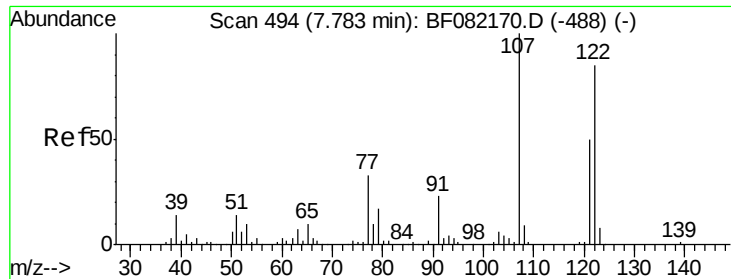
Ion Ratio Lower Upper

139 100

109 26.3 20.6 31.0

65 41.9 34.3 51.5

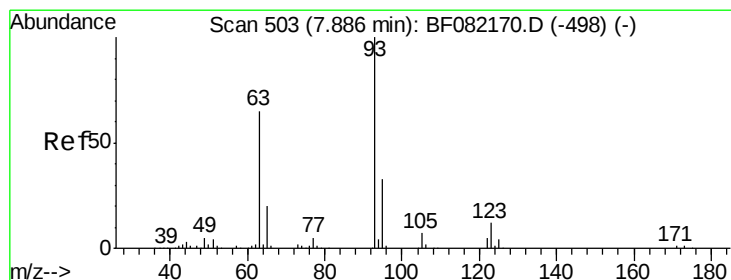
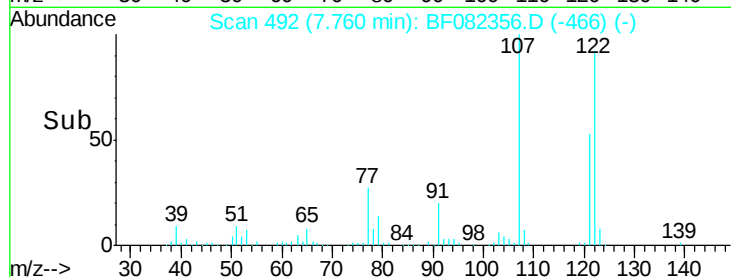
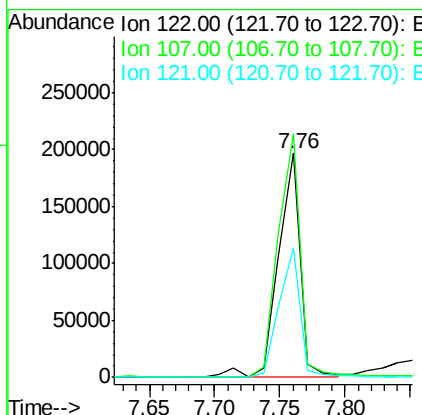
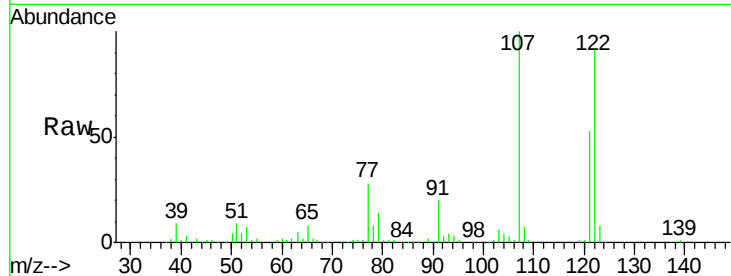




#27
 2,4-Dimethylphenol
 Concen: 48.16 ng
 RT: 7.76 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

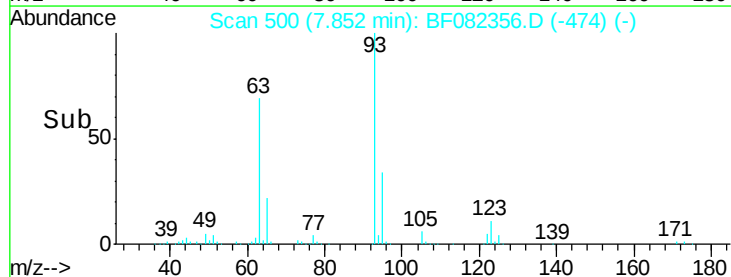
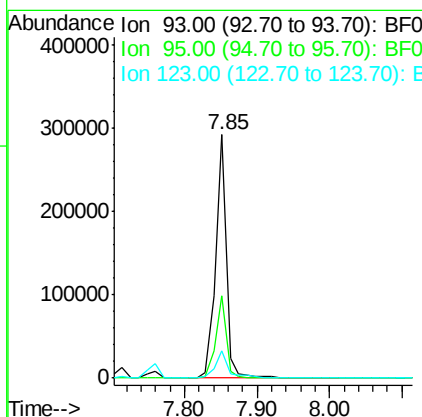
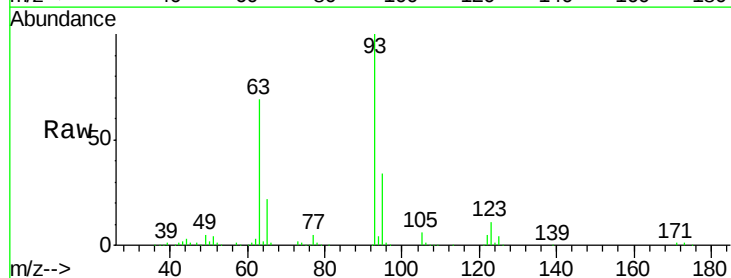
Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

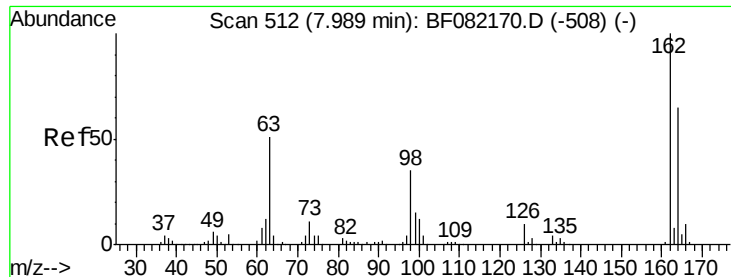
Tot Ion:122 Resp: 233273
 Ion Ratio Lower Upper
 122 100
 107 108.8 94.0 141.0
 121 57.9 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.42 ng
 RT: 7.85 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion: 93 Resp: 303217
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 39.8
 123 11.4 9.5 14.3

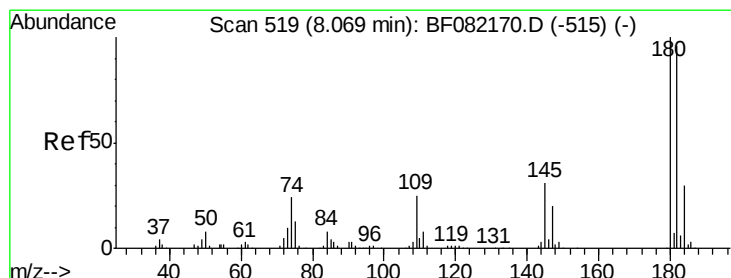
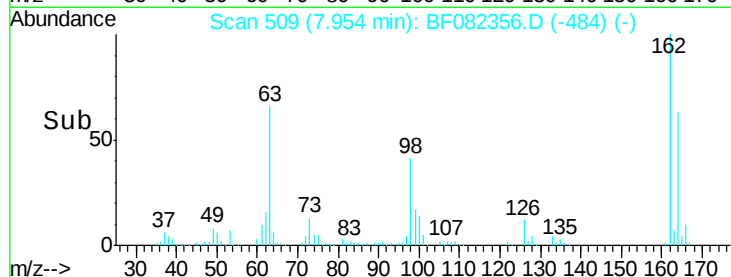
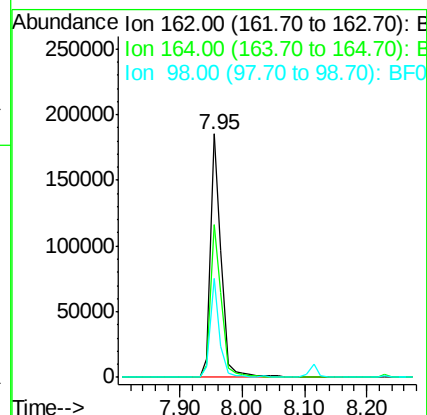
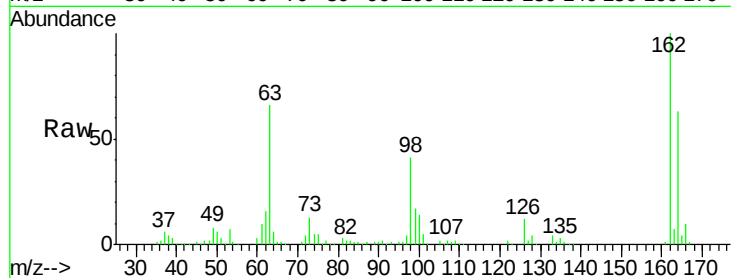




#29
 2,4-Dichlorophenol
 Concen: 45.87 ng
 RT: 7.95 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

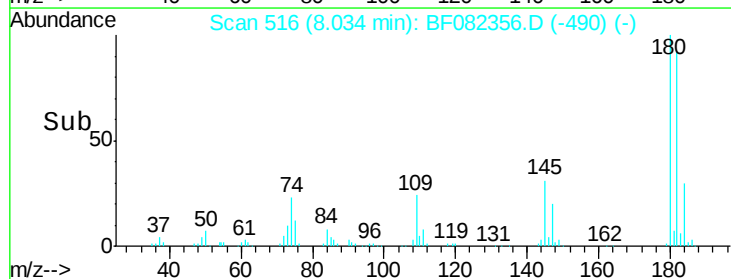
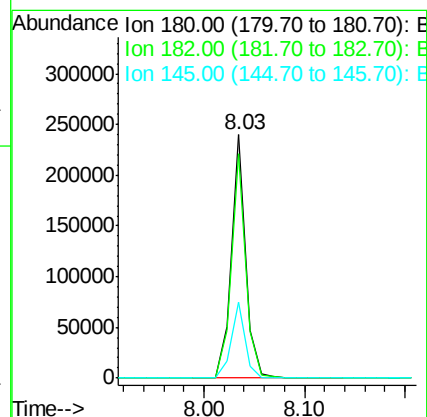
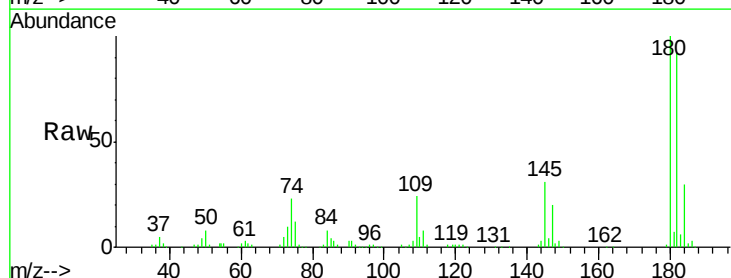
Instrument :
 BNA_F
 ClientSampleID :
 PB86128BS

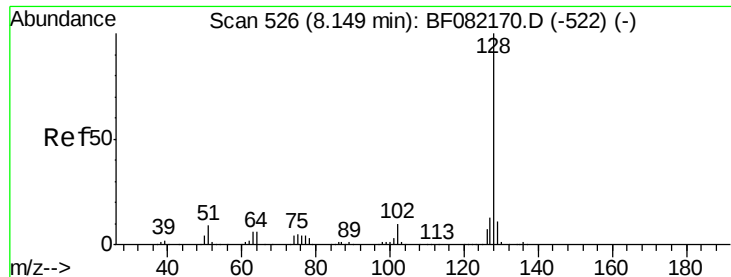
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	40.7	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.56 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.0	115.4
145	31.0	25.0	37.4

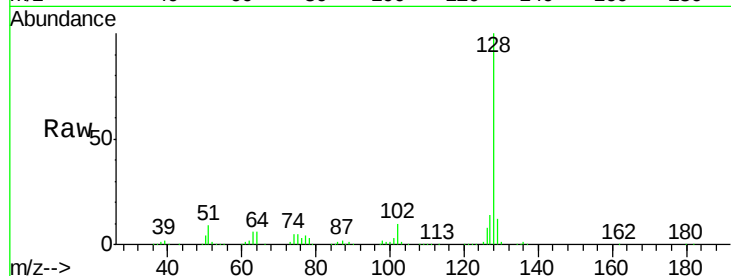




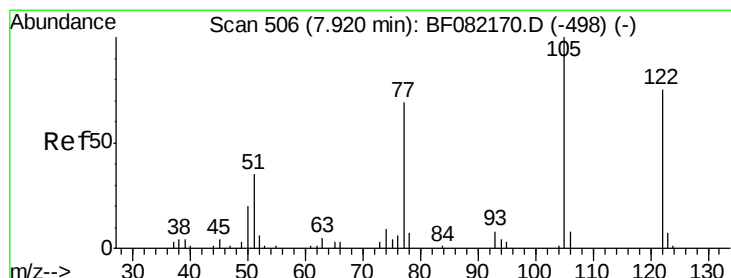
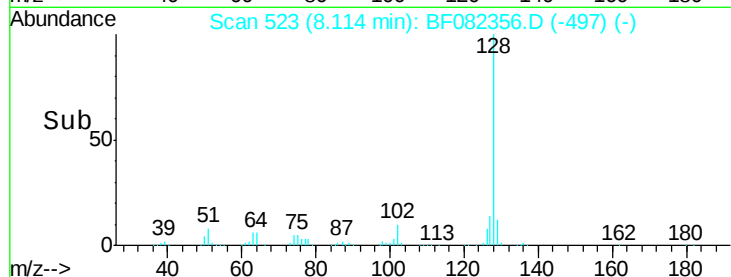
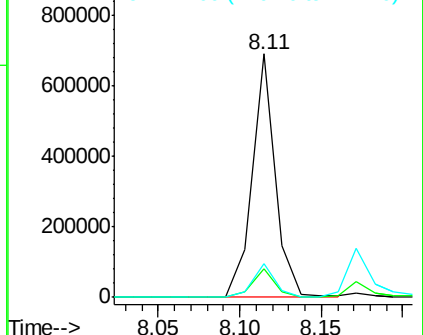
#31
Naphthalene
Concen: 42.09 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion:128 Resp: 681628
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 10.7 16.1

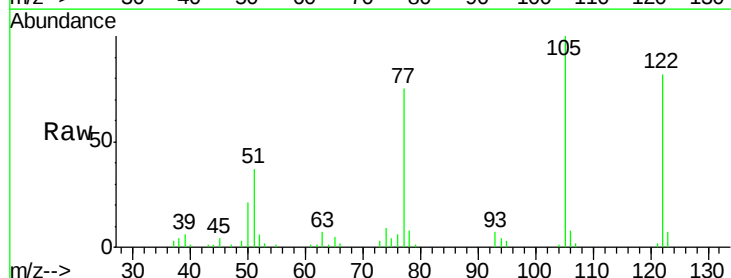


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

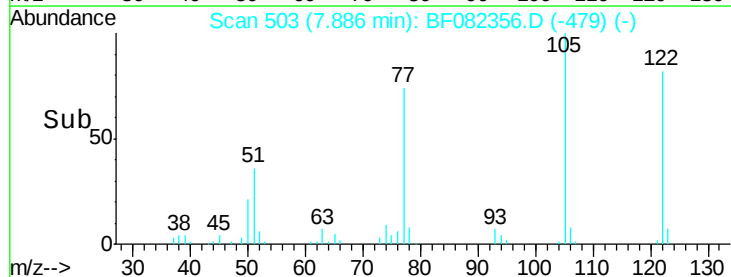
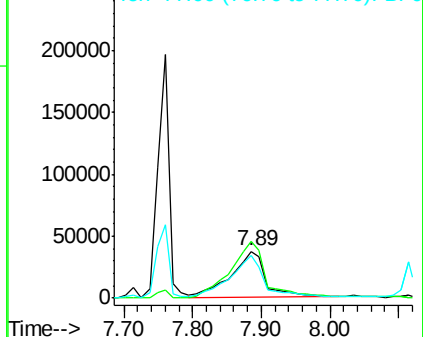


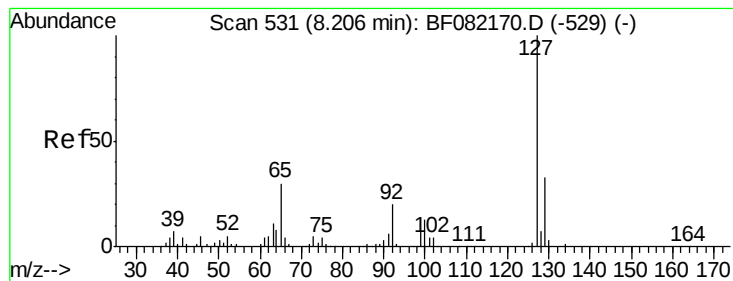
#32
Benzoic acid
Concen: 39.63 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion:122 Resp: 128850
Ion Ratio Lower Upper
122 100
105 121.7 104.4 144.4
77 91.5 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: 24.12 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

Tot Ion:127 Resp: 162214

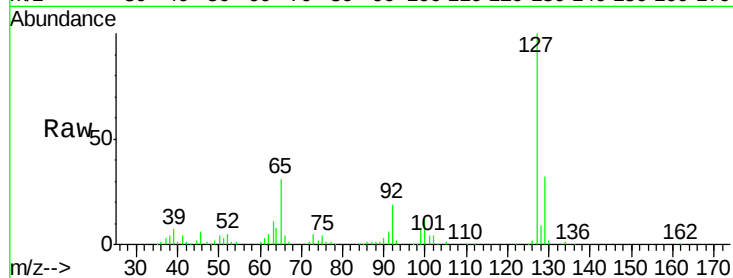
Ion Ratio Lower Upper

127 100

129 32.2 26.3 39.5

65 30.5 24.4 36.6

92 19.2 15.7 23.5

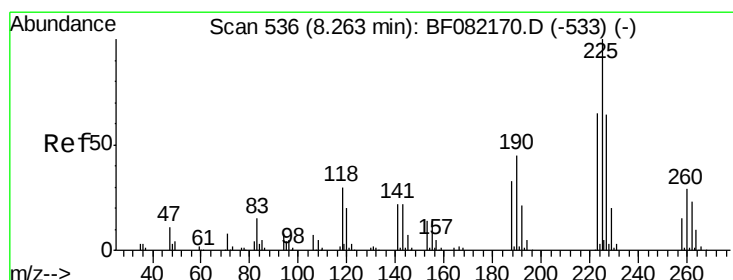
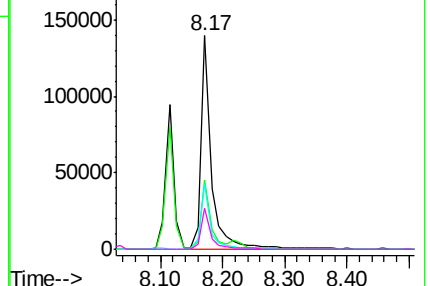
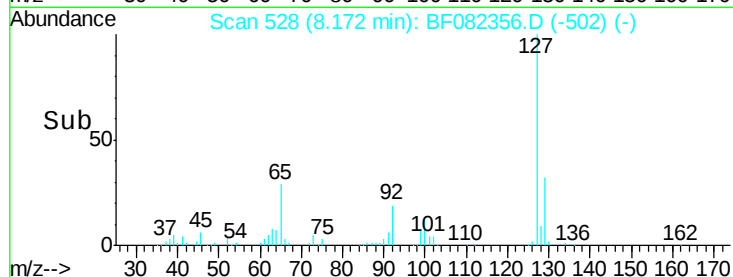


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.98 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

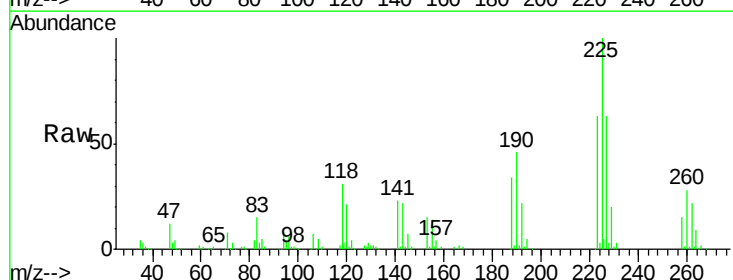
Tgt Ion:225 Resp: 142502

Ion Ratio Lower Upper

225 100

223 63.1 52.2 78.2

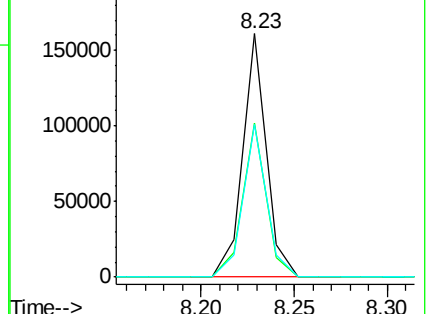
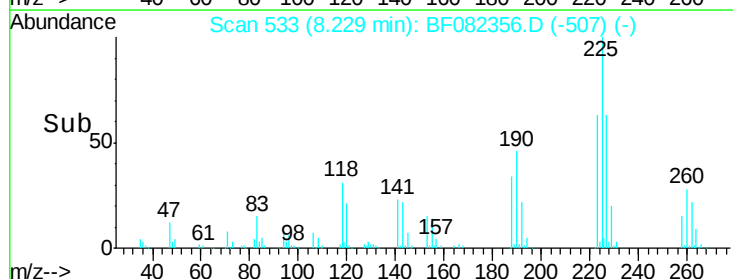
227 62.6 51.3 76.9

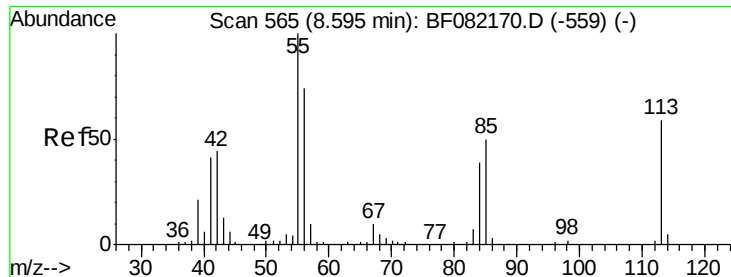


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.93 ng

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

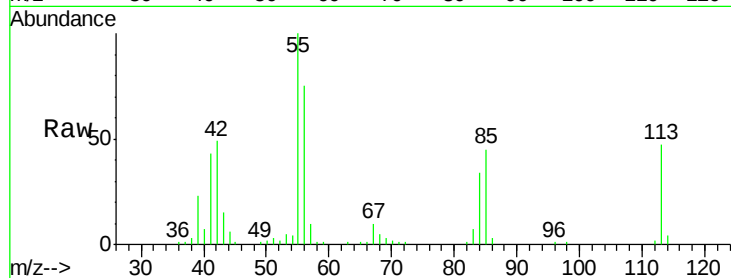
Tot Ion:113 Resp: 65944

Ion Ratio Lower Upper

113 100

55 211.1 149.7 189.7#

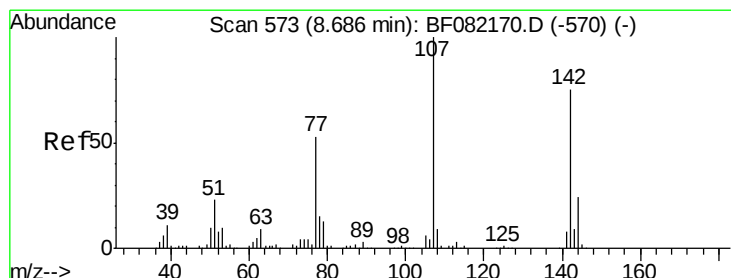
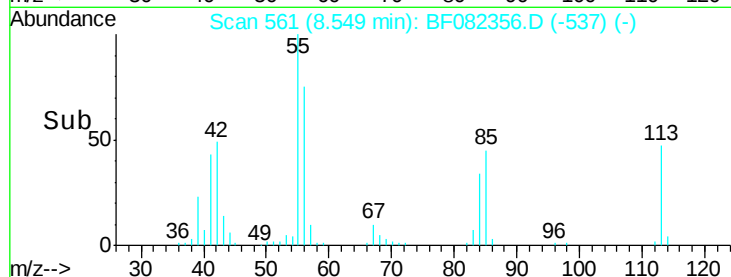
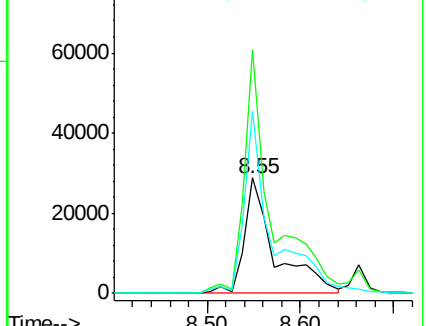
56 157.5 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.59 ng

RT: 8.66 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

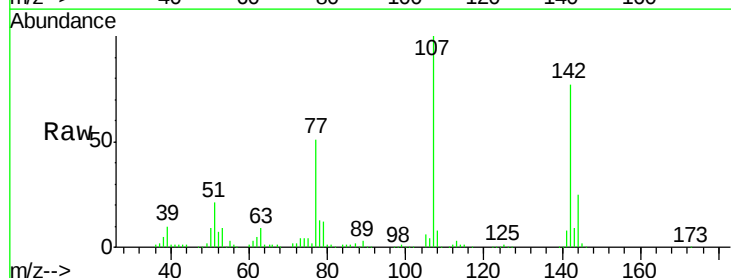
Tgt Ion:107 Resp: 230067

Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

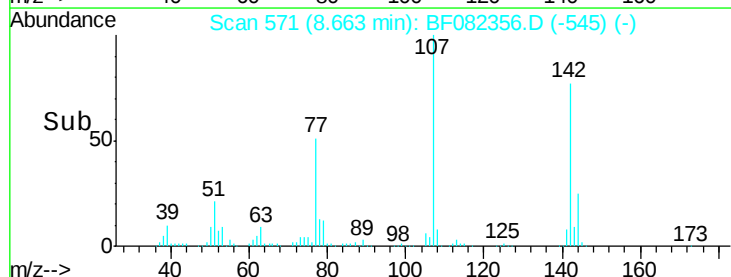
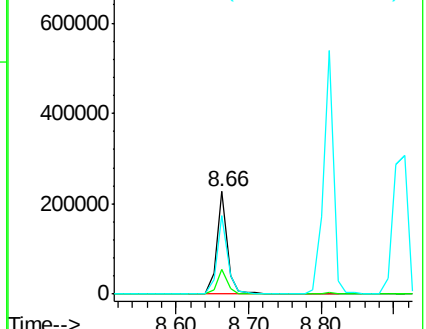
142 77.2 59.9 89.9

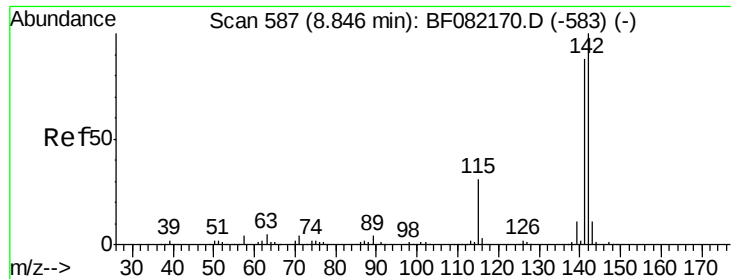


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

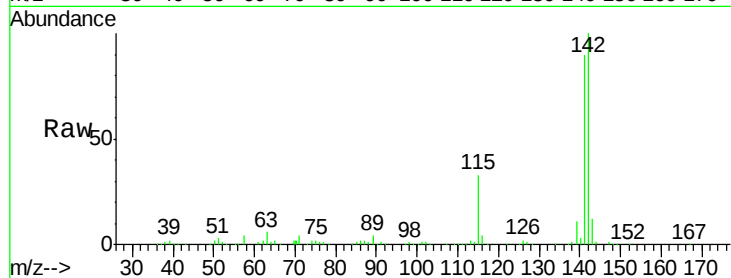




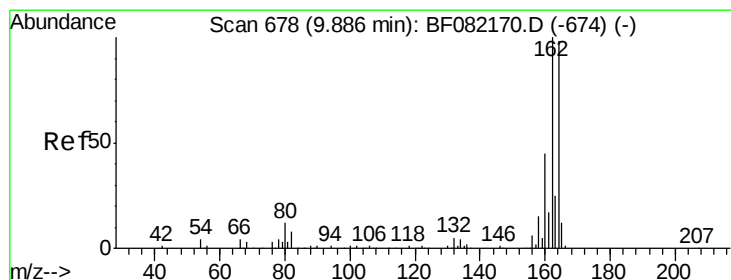
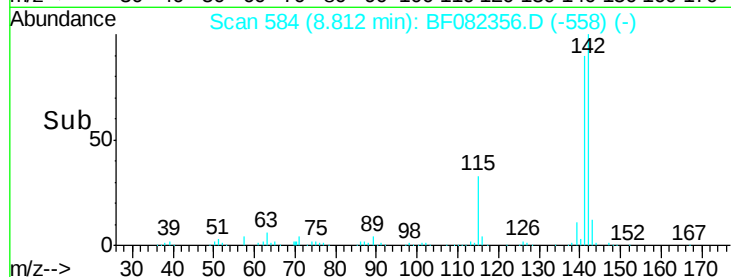
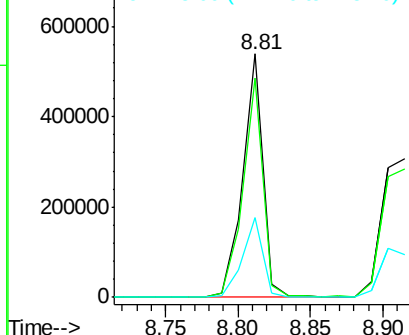
#37
2-Methylnaphthalene
Concen: 46.36 ng
RT: 8.81 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion:142 Resp: 520417
Ion Ratio Lower Upper
142 100
141 90.2 70.4 105.6
115 32.8 24.6 37.0

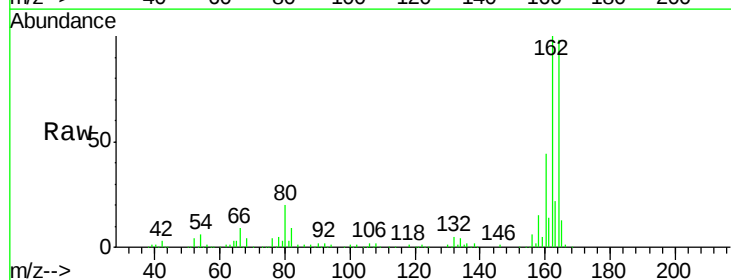


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

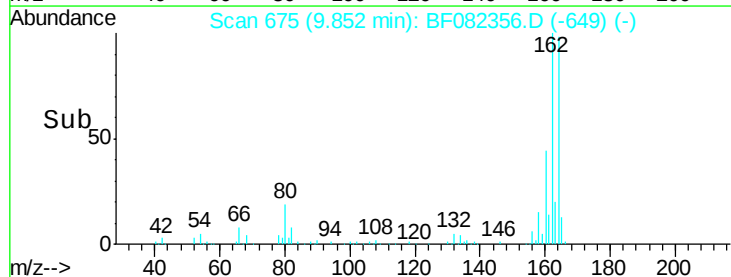
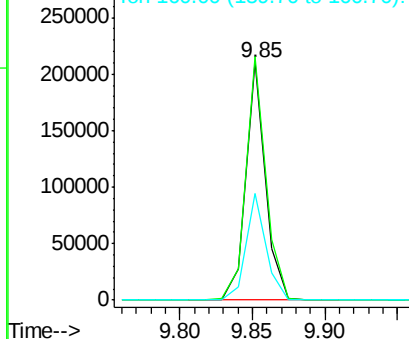


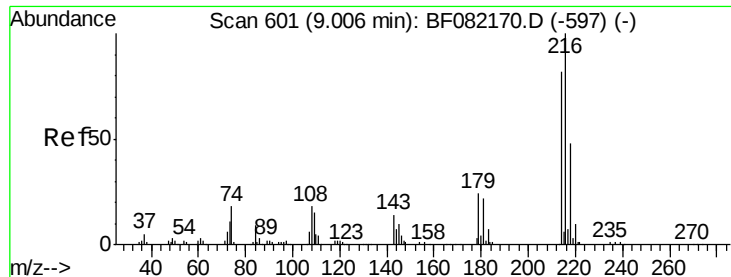
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion:164 Resp: 196190
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 44.6 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

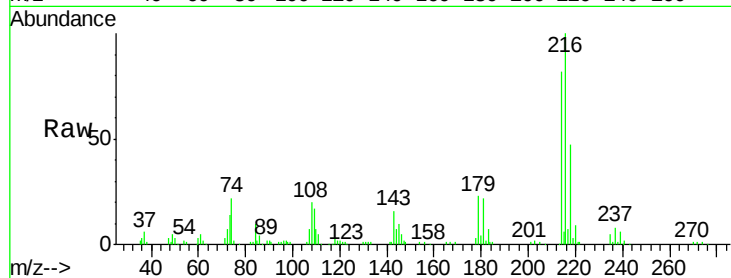




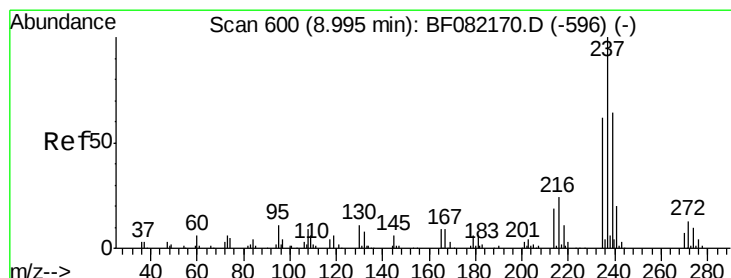
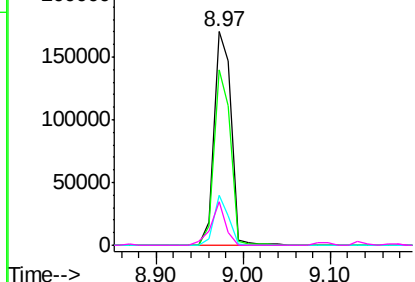
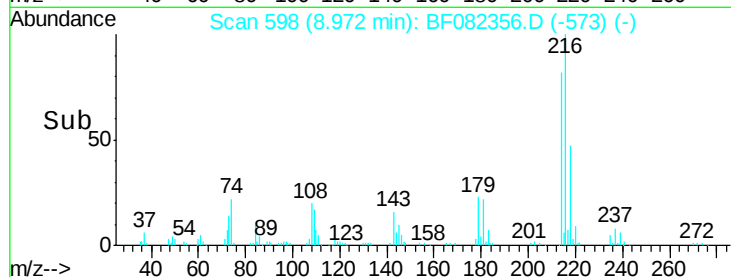
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.68 ng
 RT: 8.97 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion:216	Resp:	237358
Ion Ratio	Lower	Upper
216	100	
214	79.2	64.6 97.0
179	20.2	17.6 26.4
108	17.6	14.5 21.7

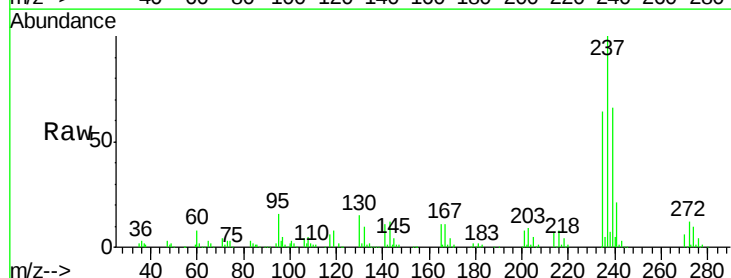


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

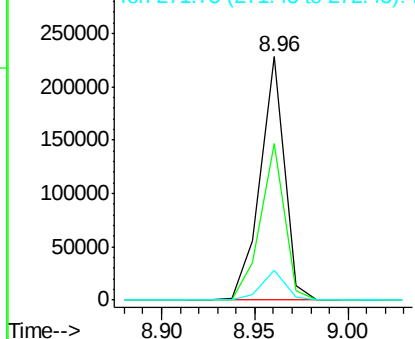
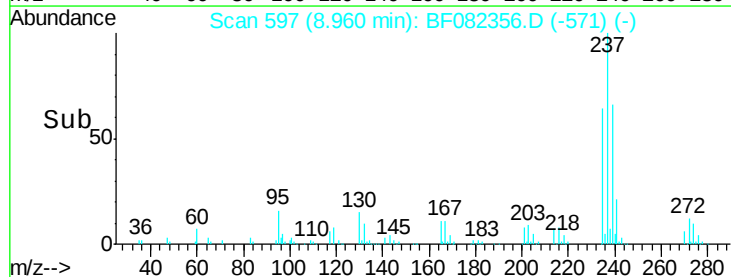


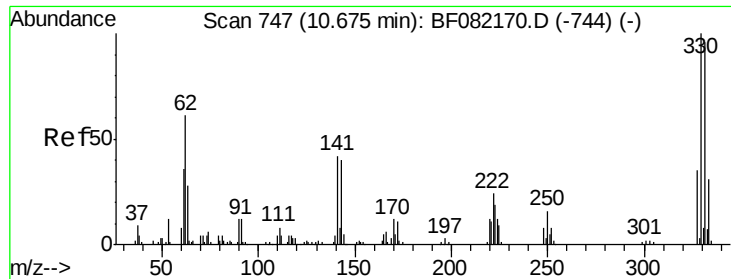
#40
 Hexachlorocyclopentadiene
 Concen: 70.42 ng
 RT: 8.96 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion:237	Resp:	204645
Ion Ratio	Lower	Upper
237	100	
235	64.2	41.7 81.7
272	12.2	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

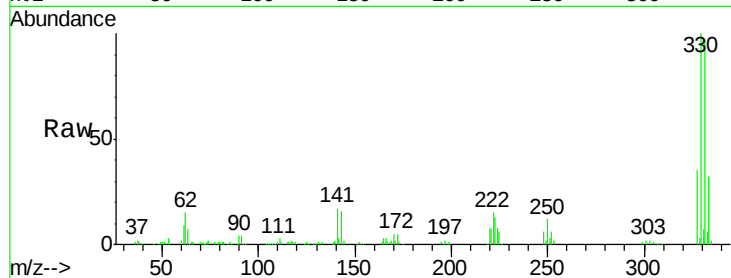




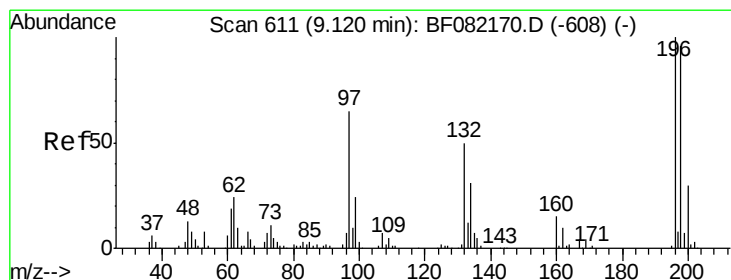
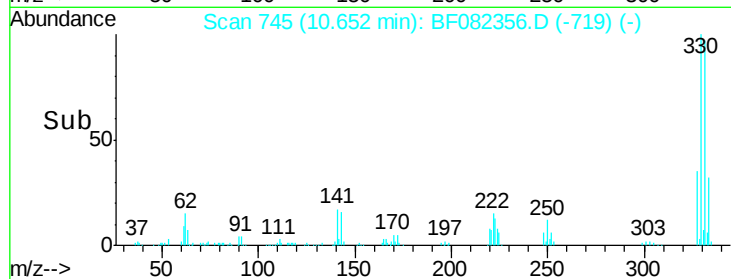
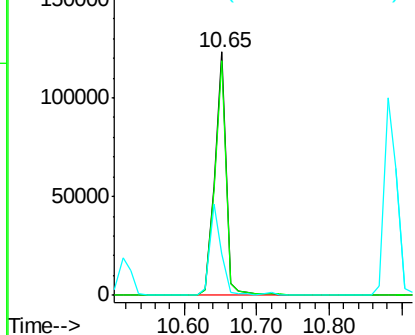
#41
 2,4,6-Tribromophenol
 Concen: 73.27 ng
 RT: 10.65 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion:330 Resp: 134803
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 38.1 29.8 44.8

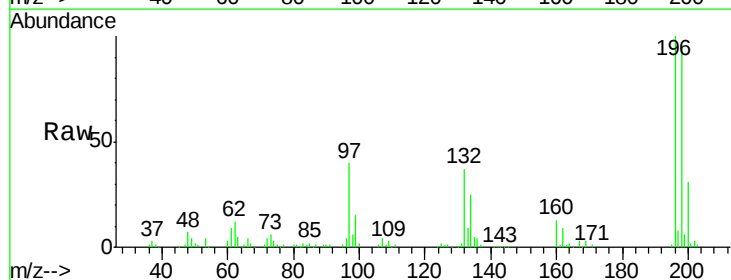


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

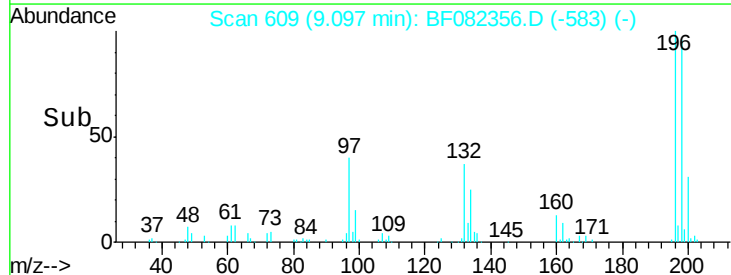
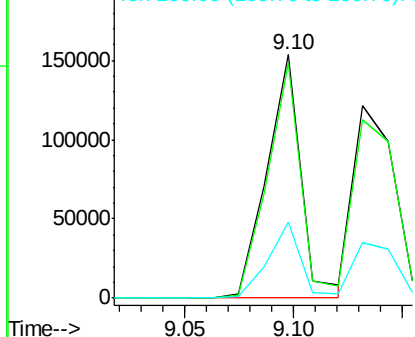


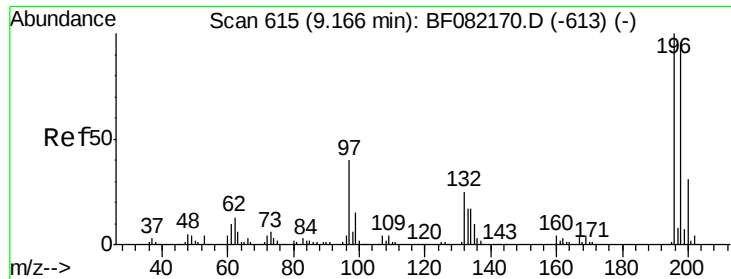
#42
 2,4,6-Trichlorophenol
 Concen: 43.46 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion:196 Resp: 168443
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.6 115.0
 200 31.3 23.7 35.5



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

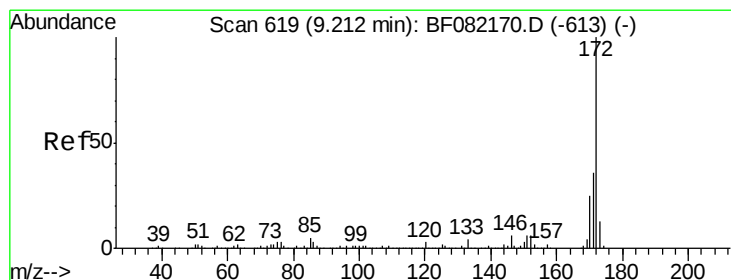
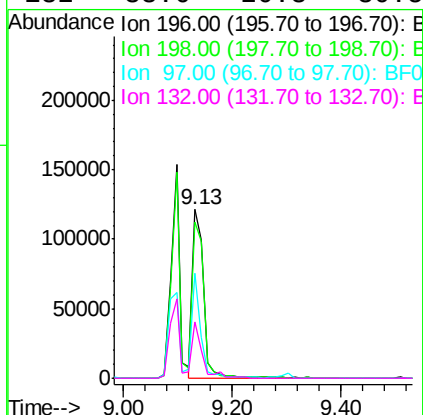
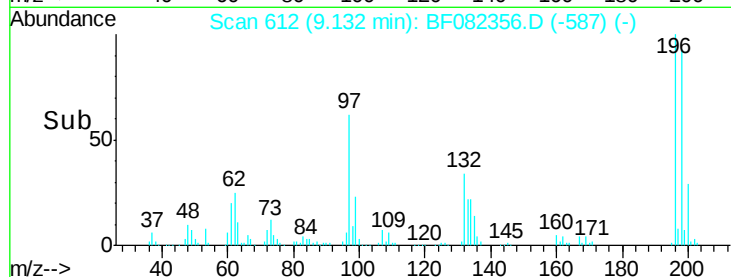
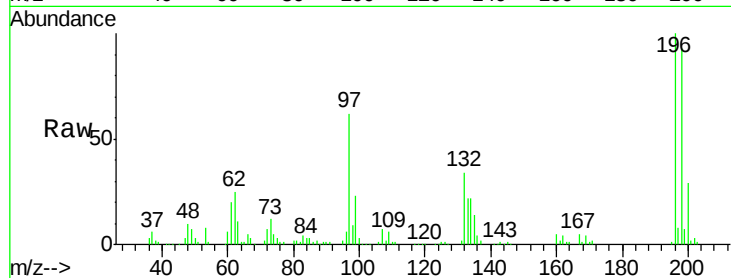




#43
 2,4,5-Trichlorophenol
 Concen: 40.70 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

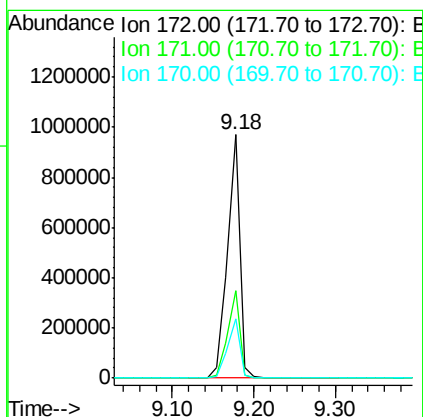
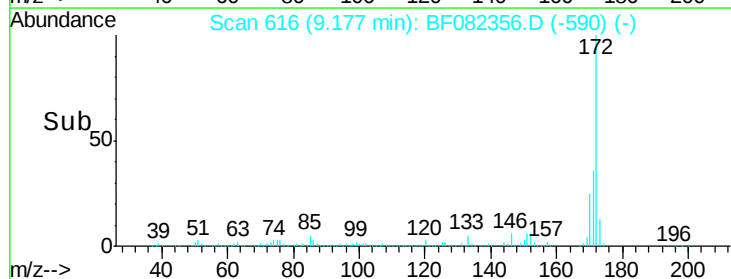
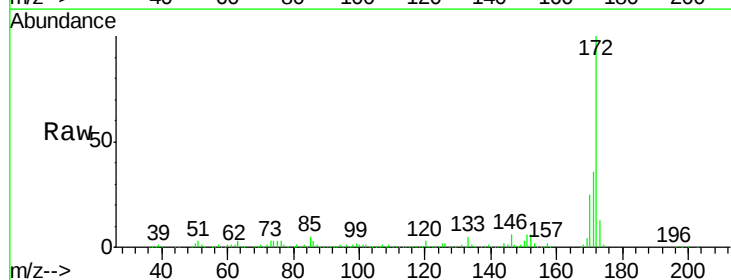
Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

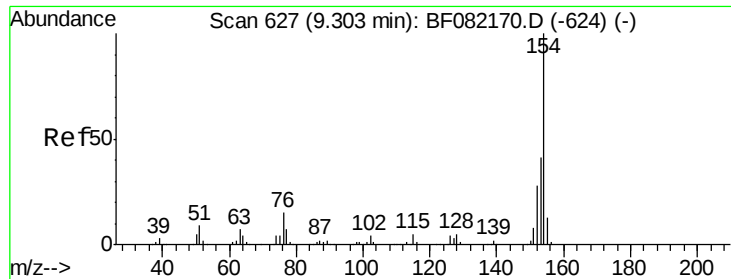
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	77.0	115.4
97	62.2	31.9	47.9#
132	33.6	20.3	30.5#



#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.6	19.7	29.5





#45

1,1'-Biphenyl

Concen: 43.38 ng

RT: 9.28 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

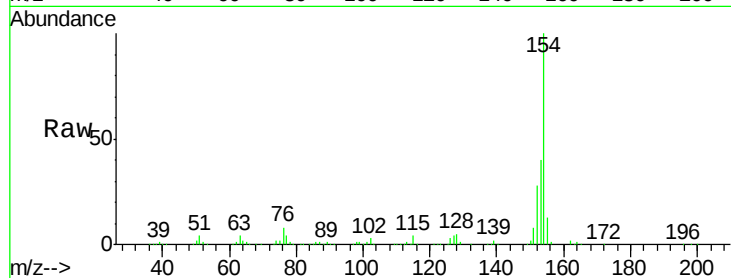
Tot Ion:154 Resp: 648922

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

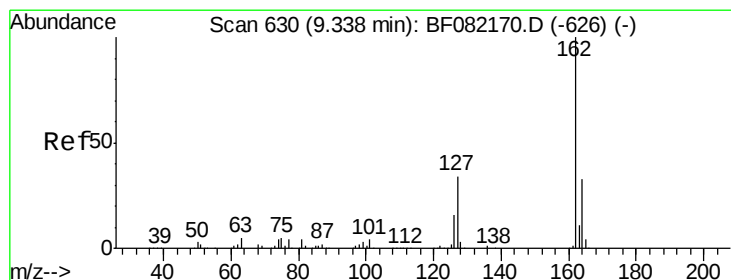
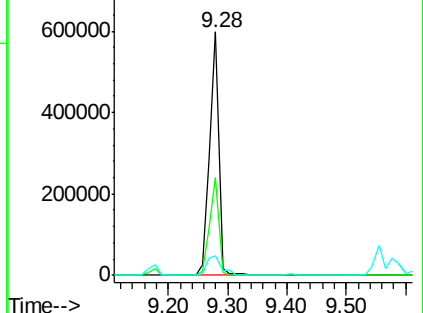
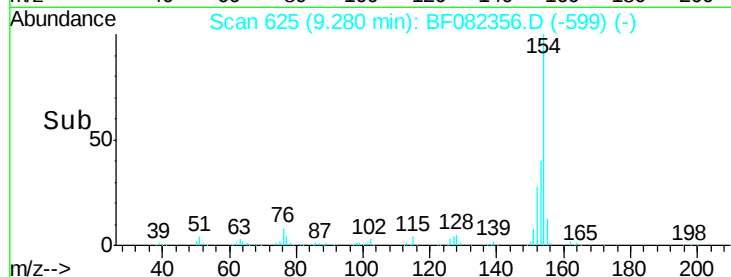
76 8.1 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.97 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

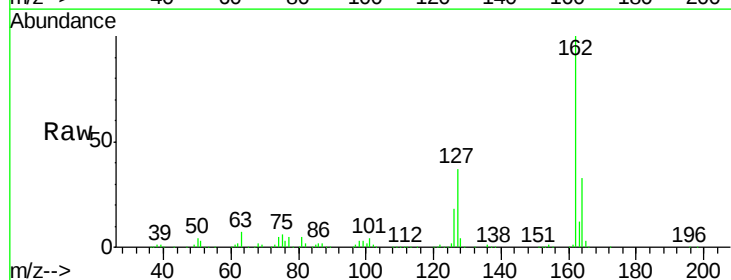
Tgt Ion:162 Resp: 506042

Ion Ratio Lower Upper

162 100

127 37.0 27.5 41.3

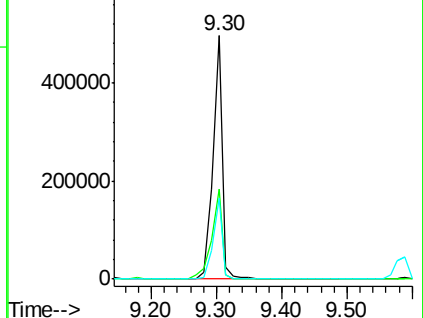
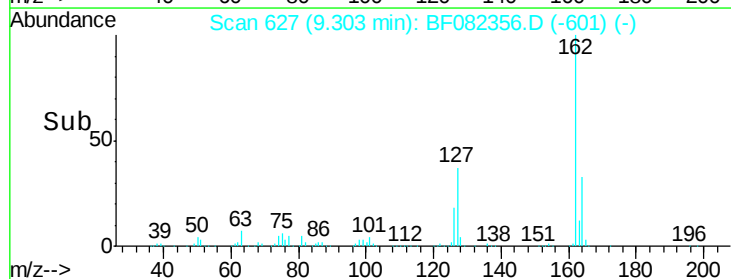
164 33.4 26.6 39.8

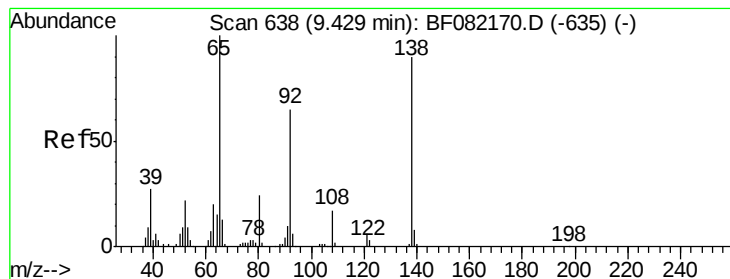


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.62 ng

RT: 9.41 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

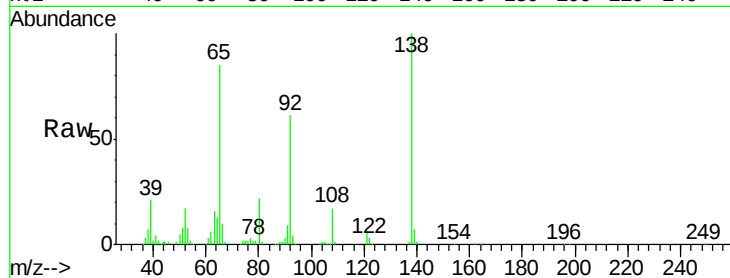
Tot Ion: 65 Resp: 153970

Ion Ratio Lower Upper

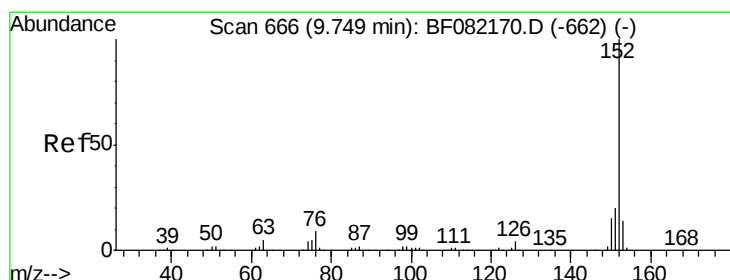
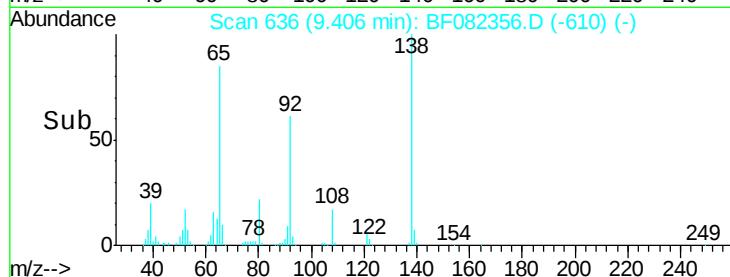
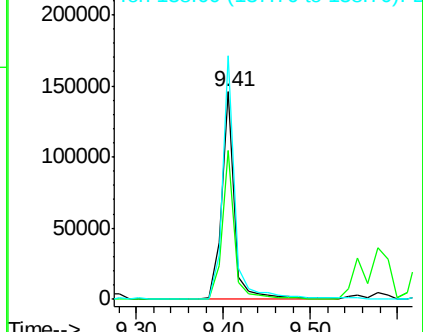
65 100

92 71.6 52.3 78.5

138 117.2 72.2 108.4#



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



#48

Acenaphthylene

Concen: 40.46 ng

RT: 9.71 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

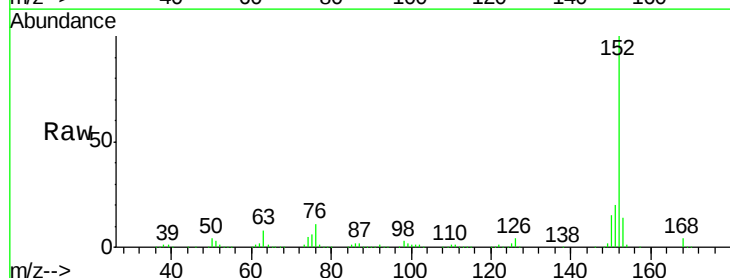
Tgt Ion: 152 Resp: 742318

Ion Ratio Lower Upper

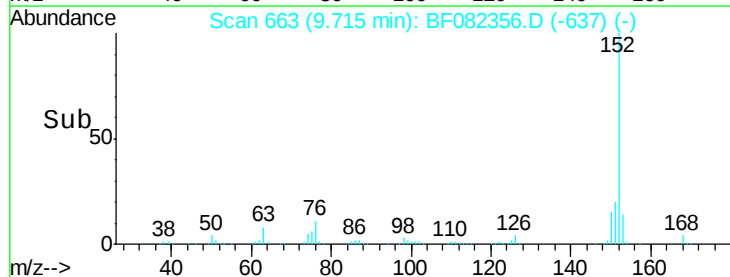
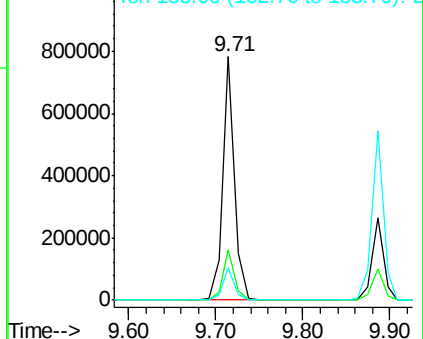
152 100

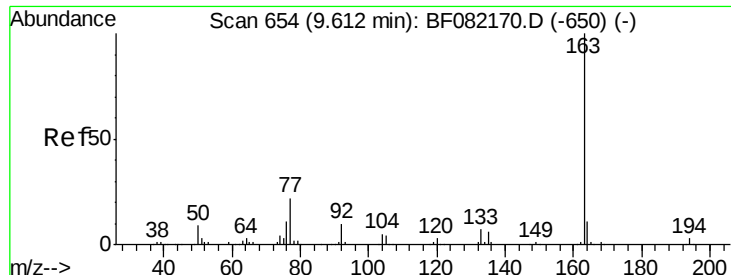
151 20.4 16.4 24.6

153 13.5 10.8 16.2



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

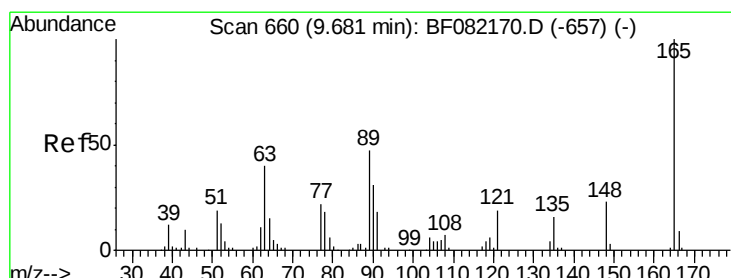
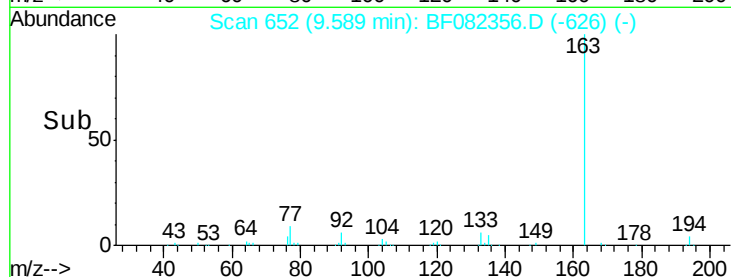
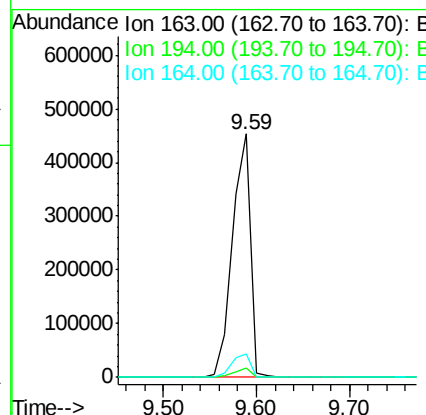
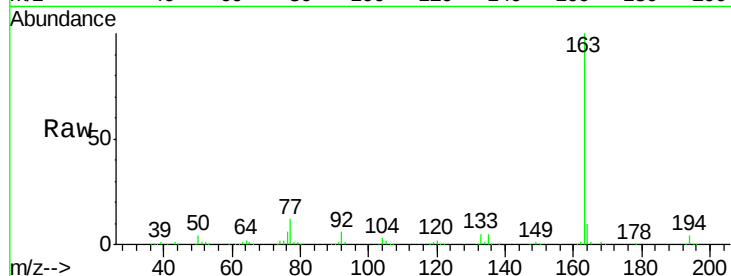




#49
Dimethylphthalate
Concen: 44.29 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

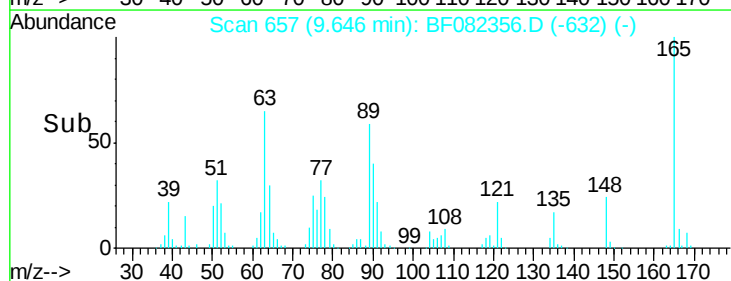
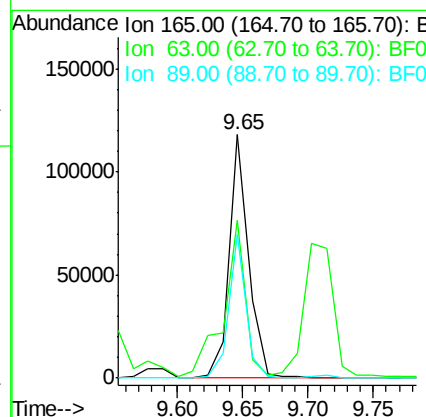
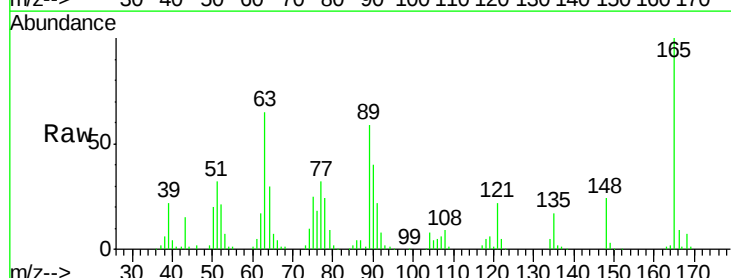
Instrument :
BNA_F
ClientSampleId :
PB86128BS

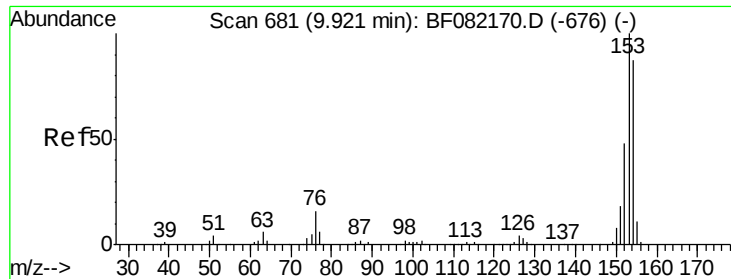
Tot Ion:163 Resp: 611893
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.7 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 41.79 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion:165 Resp: 121821
Ion Ratio Lower Upper
165 100
63 64.9 36.7 55.1#
89 59.0 37.8 56.6#





#51

Acenaphthene

Concen: 40.18 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

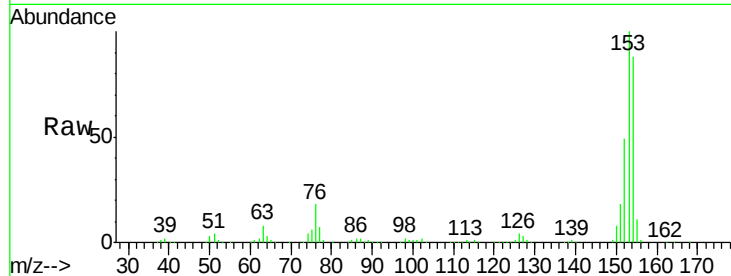
Tot Ion:154 Resp: 442590

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

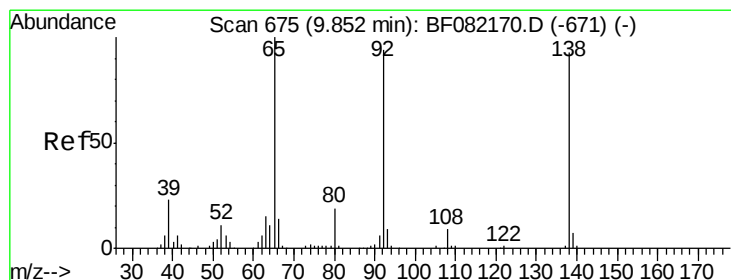
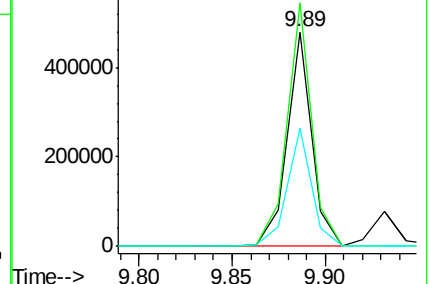
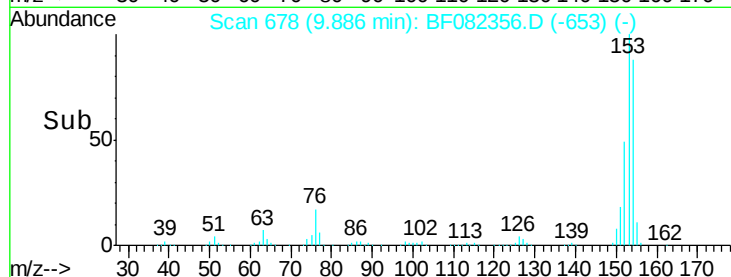
152 55.0 44.3 66.5



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: 24.37 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

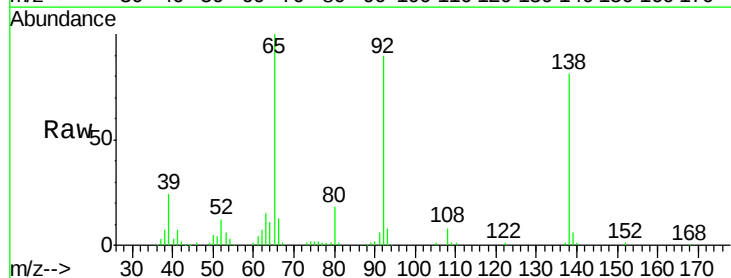
Tgt Ion:138 Resp: 80257

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

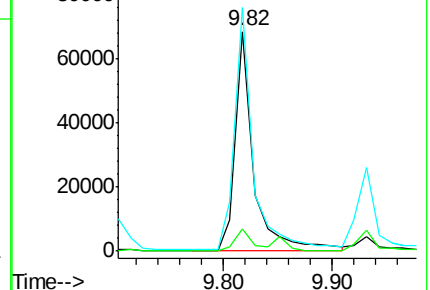
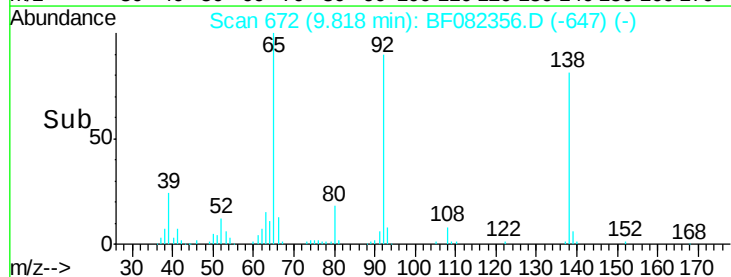
92 110.7 81.3 121.9

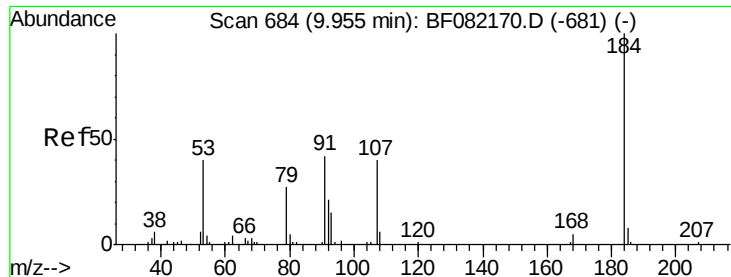


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

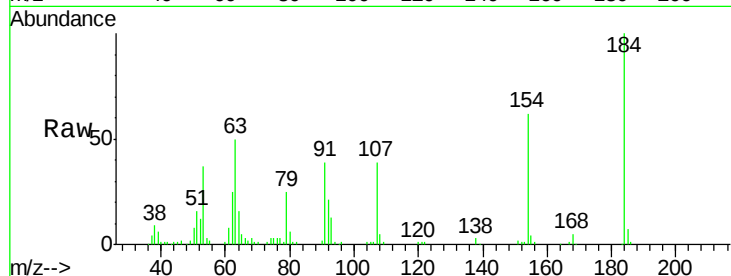




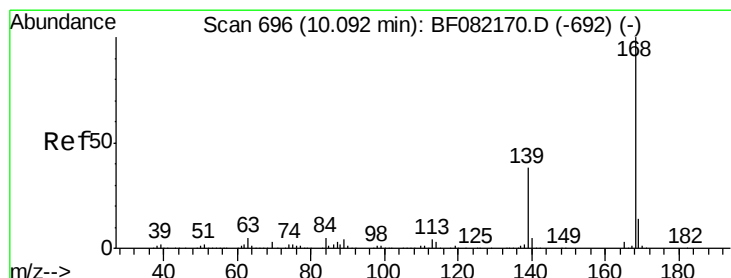
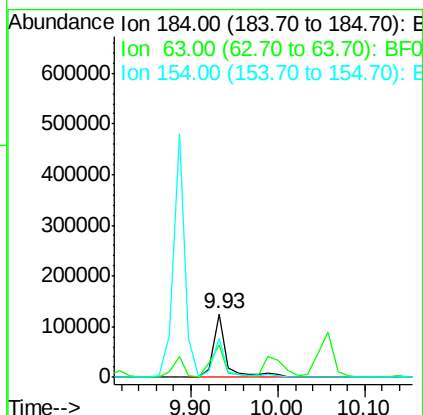
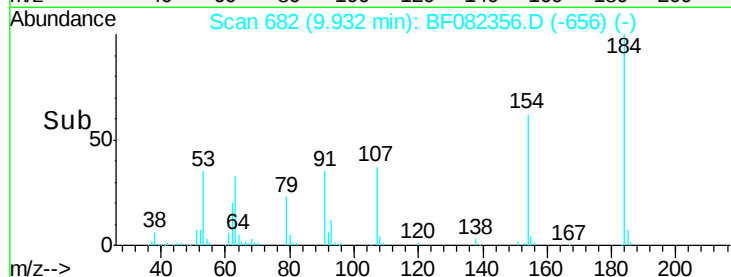
#53
2,4-Dinitrophenol
Concen: 83.65 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion:184 Resp: 136783
Ion Ratio Lower Upper
184 100
63 50.4 45.1 67.7
154 62.0 51.2 76.8

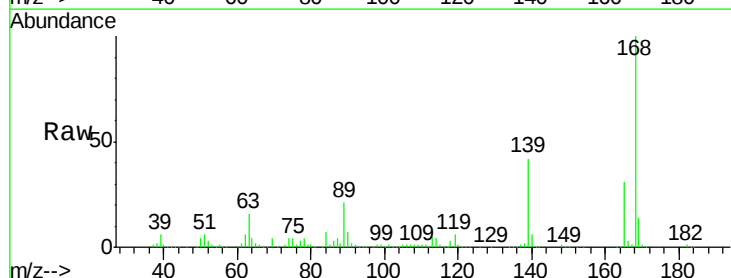


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

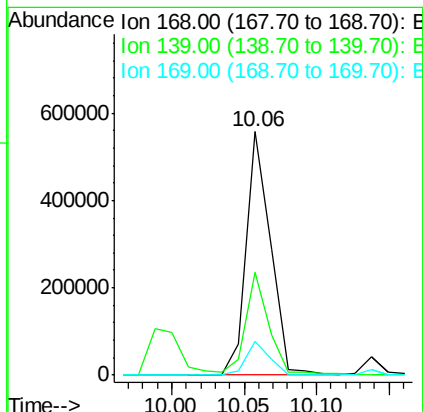
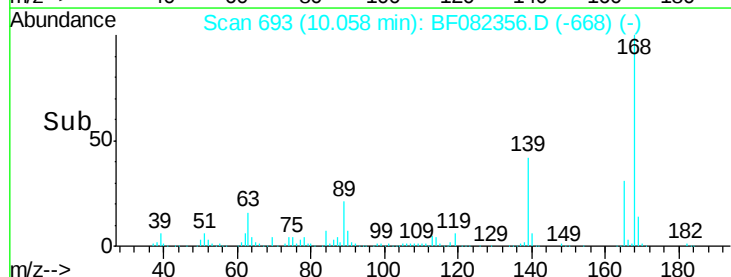


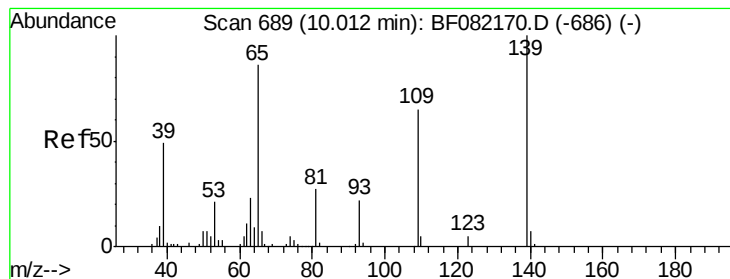
#54
Dibenzofuran
Concen: 42.97 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion:168 Resp: 649779
Ion Ratio Lower Upper
168 100
139 42.4 31.0 46.6
169 14.0 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: 75.16 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

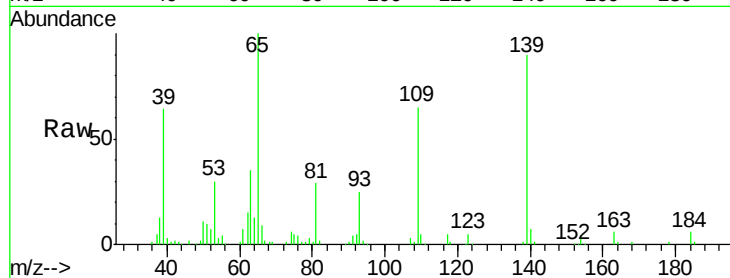
Tot Ion:139 Resp: 166851

Ion Ratio Lower Upper

139 100

109 71.6 44.8 84.8

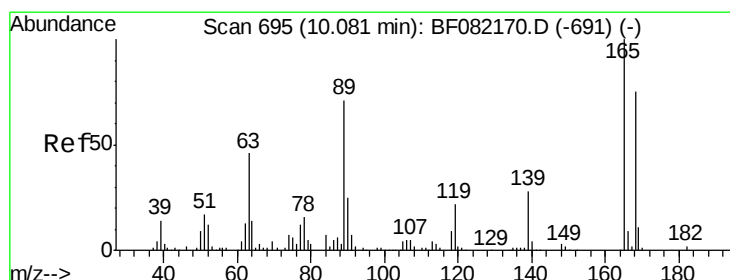
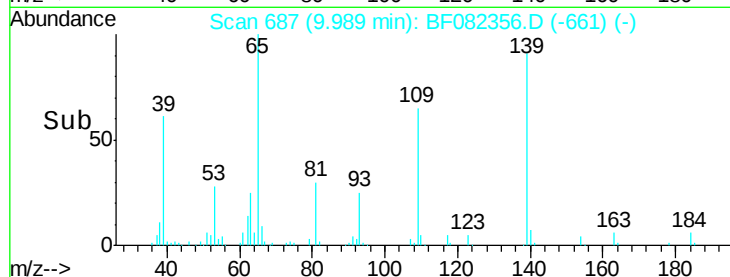
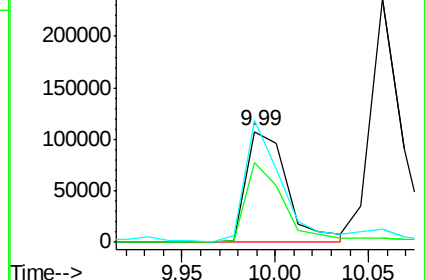
65 110.7 67.7 107.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.11 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:165 Resp: 182573

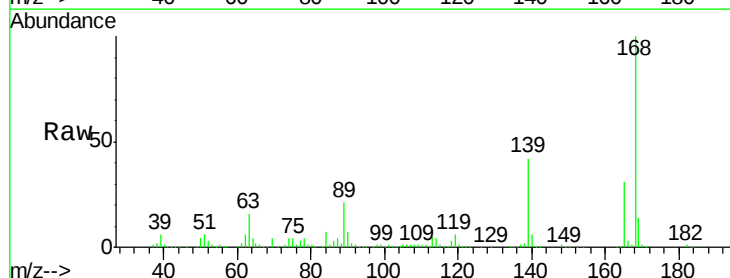
Ion Ratio Lower Upper

165 100

63 50.7 38.6 58.0

89 66.7 57.0 85.6

182 2.3 1.8 2.6

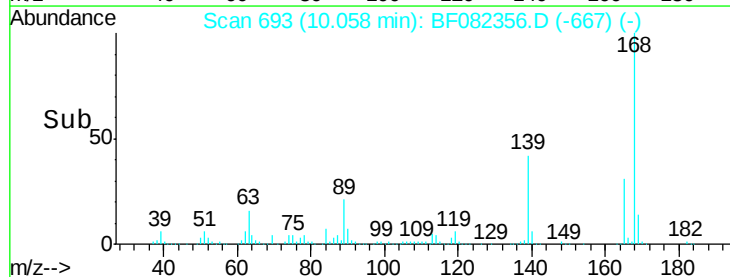
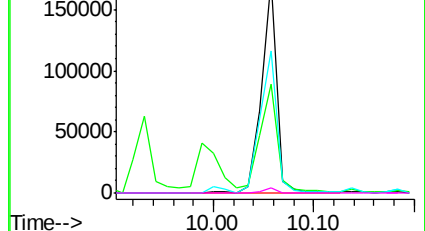


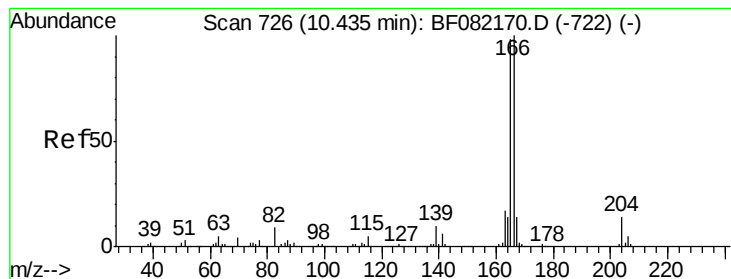
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.08 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

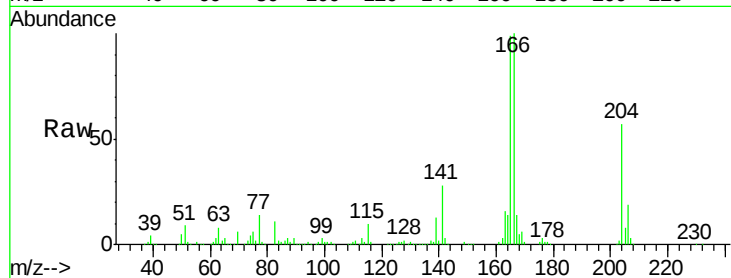
Tot Ion:166 Resp: 510223

Ion Ratio Lower Upper

166 100

165 99.3 78.3 117.5

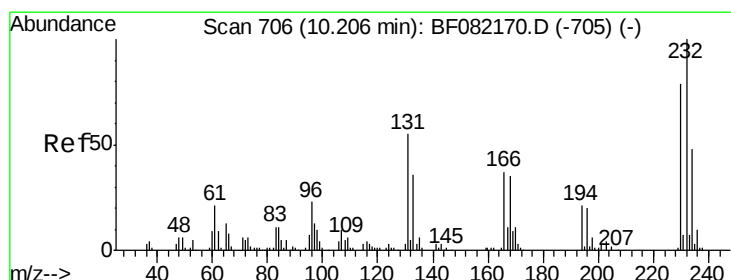
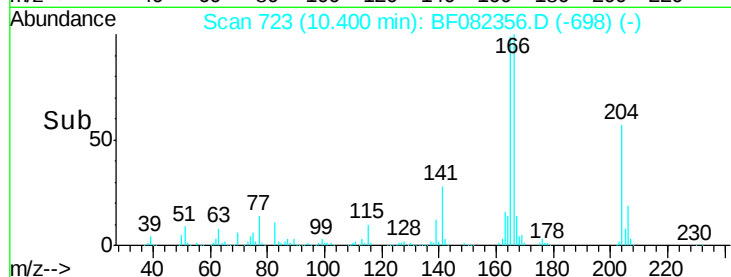
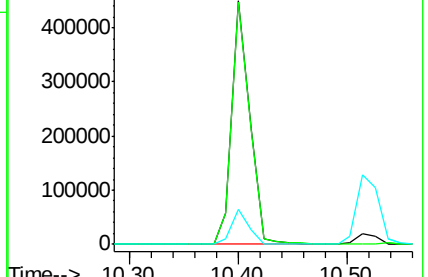
167 14.2 10.8 16.2



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: 44.70 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:232 Resp: 153350

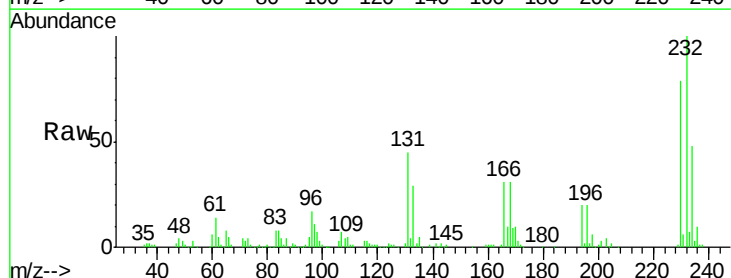
Ion Ratio Lower Upper

232 100

131 45.5 36.6 54.8

130 2.0 1.5 2.3

166 30.4 24.6 37.0

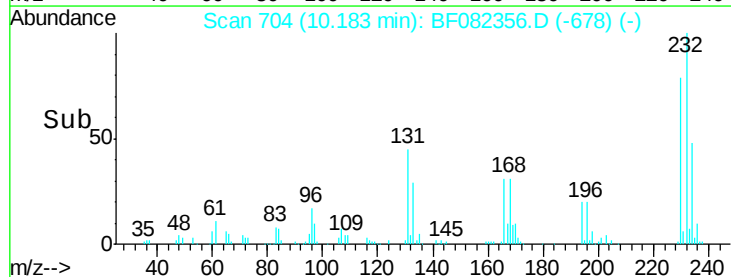
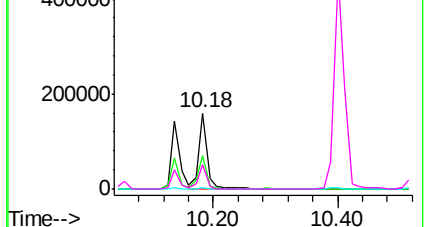


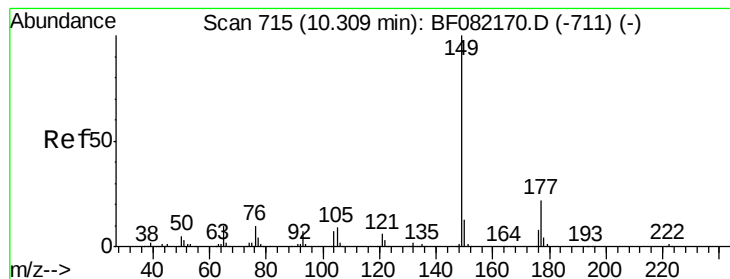
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.48 ng

RT: 10.29 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

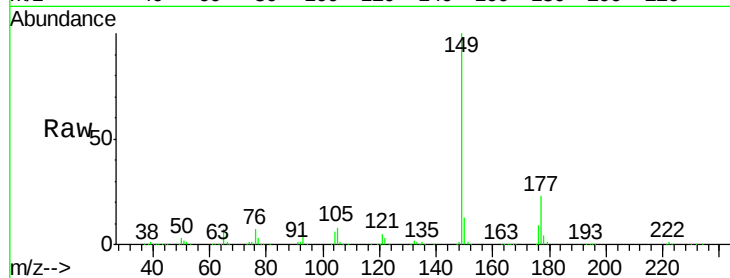
Tot Ion:149 Resp: 611456

Ion Ratio Lower Upper

149 100

177 23.5 17.6 26.4

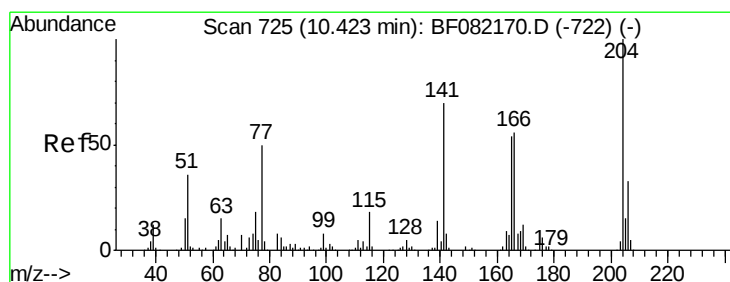
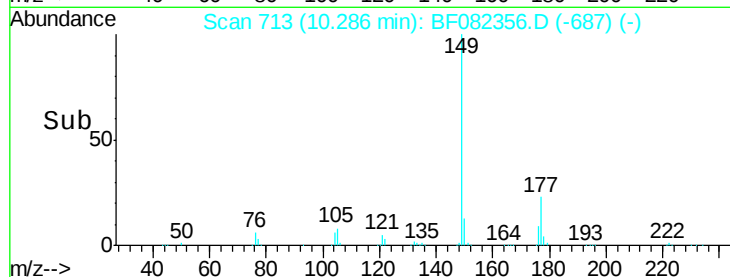
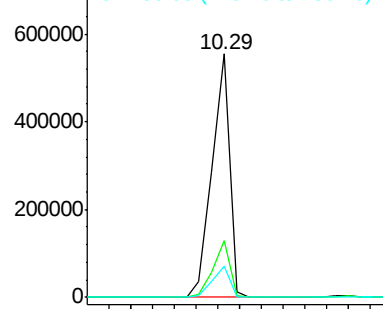
150 12.5 10.3 15.5



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: 47.84 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

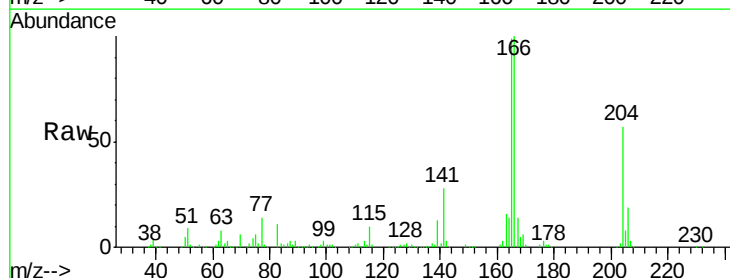
Tgt Ion:204 Resp: 272140

Ion Ratio Lower Upper

204 100

206 34.1 26.8 40.2

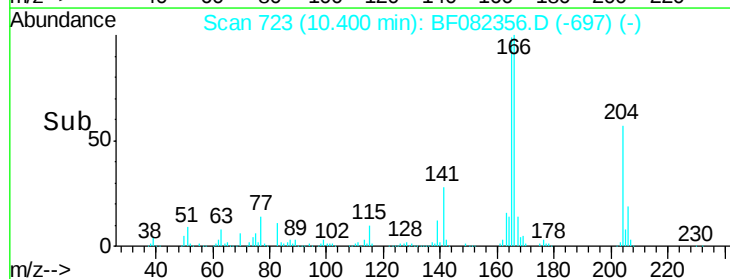
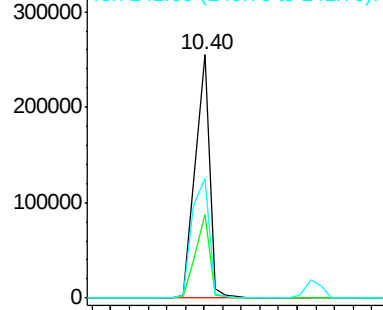
141 49.0 56.1 84.1#

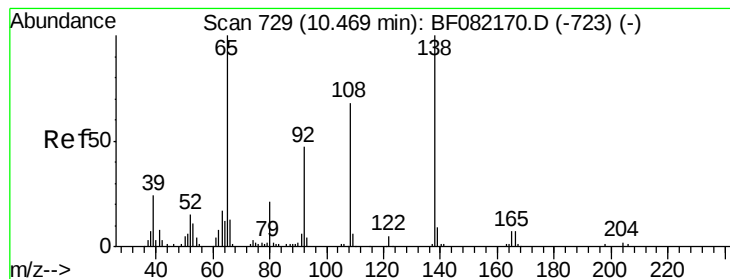


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.05 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

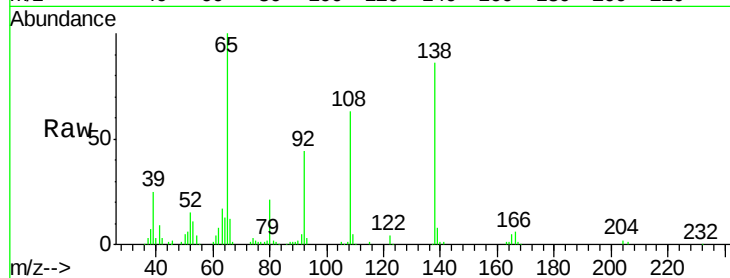
Tot Ion:138 Resp: 131090

Ion Ratio Lower Upper

138 100

92 51.9 26.8 66.8

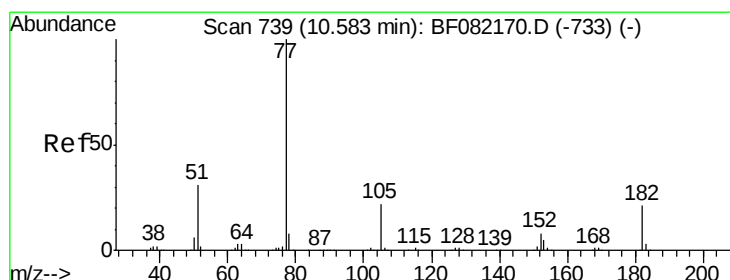
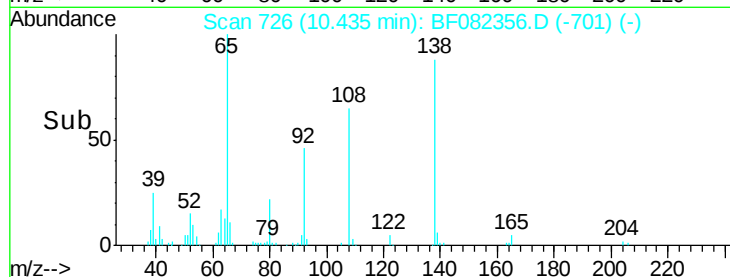
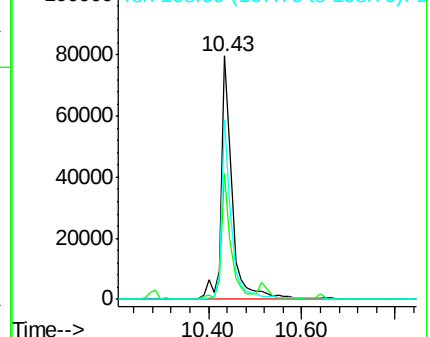
108 73.9 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.83 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion: 77 Resp: 590175

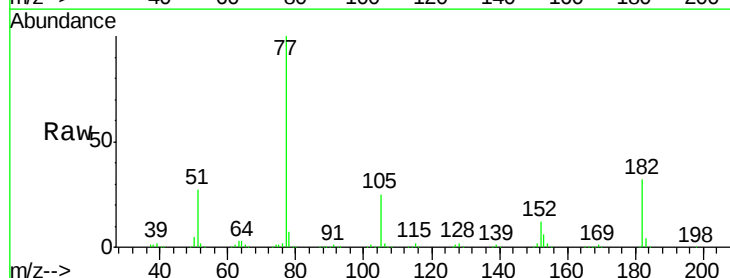
Ion Ratio Lower Upper

77 100

182 31.9 0.5 40.5

105 24.6 1.8 41.8

51 26.7 11.2 51.2

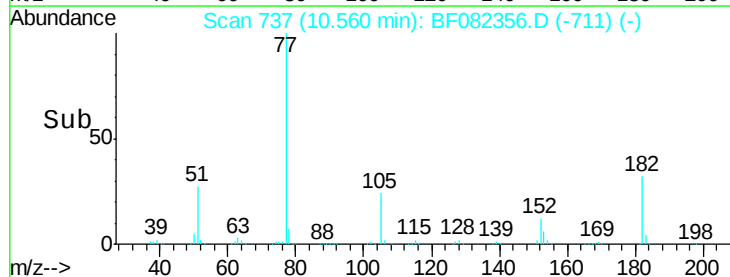
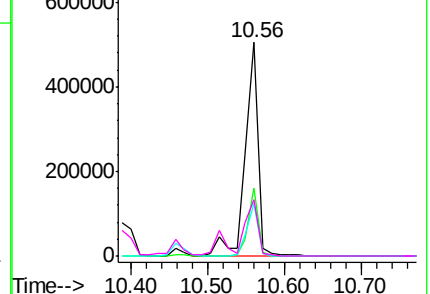


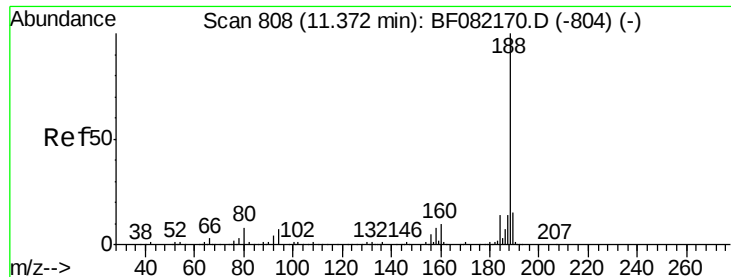
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

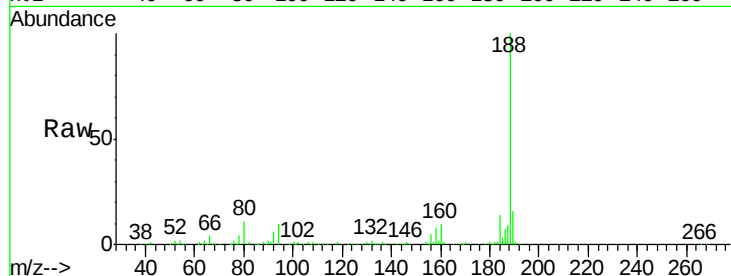
Tot Ion:188 Resp: 373812

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.6#

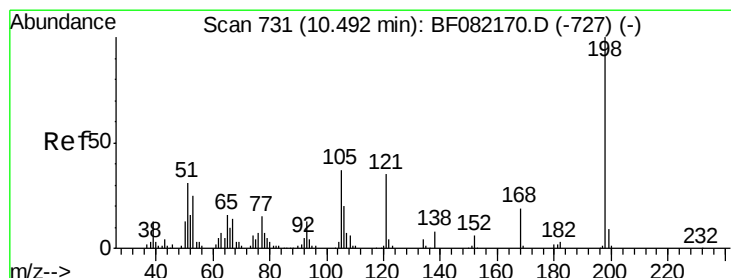
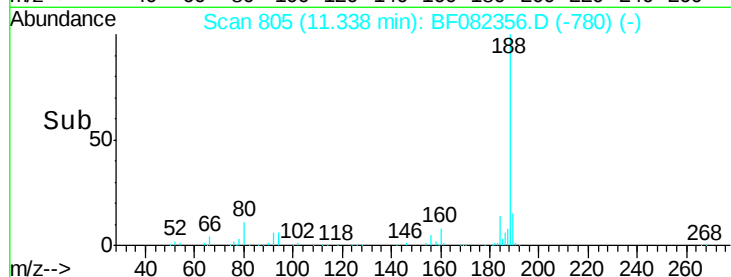
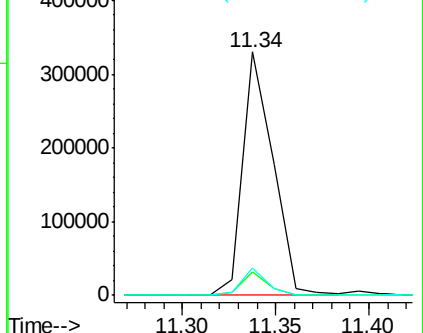
80 11.2 6.4 9.6#



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: 43.94 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

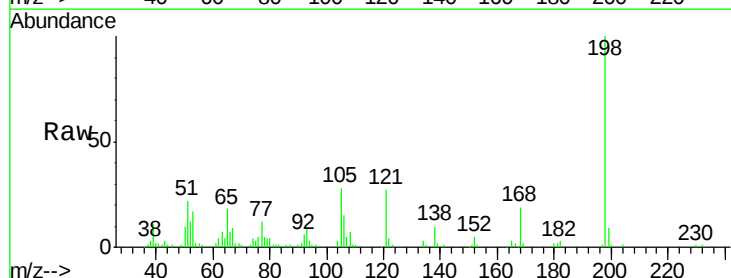
Tgt Ion:198 Resp: 92175

Ion Ratio Lower Upper

198 100

51 22.3 13.6 53.6

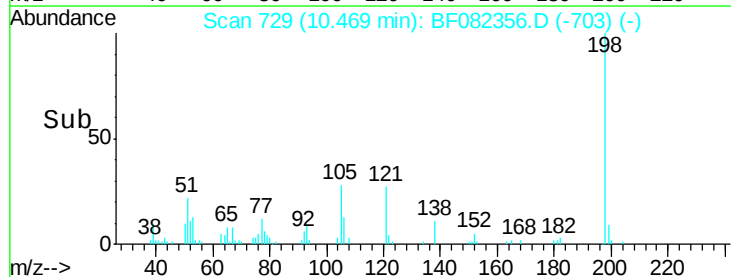
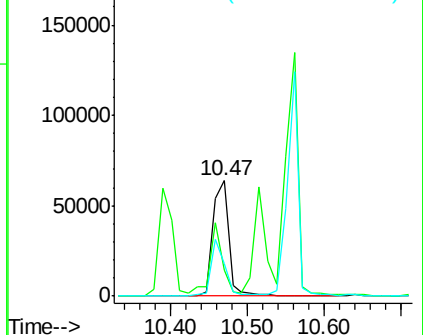
105 27.6 17.1 57.1

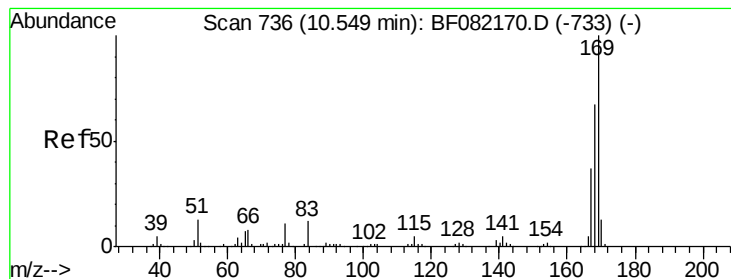


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

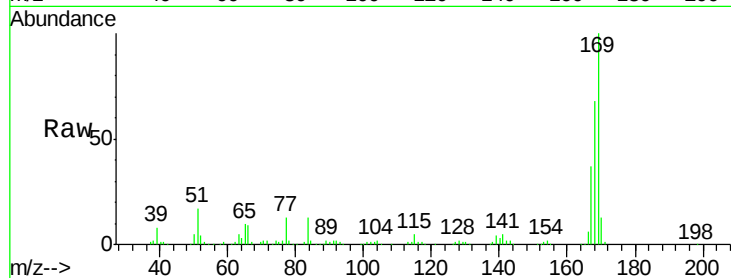




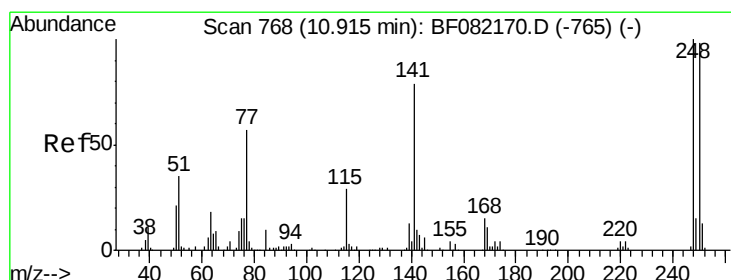
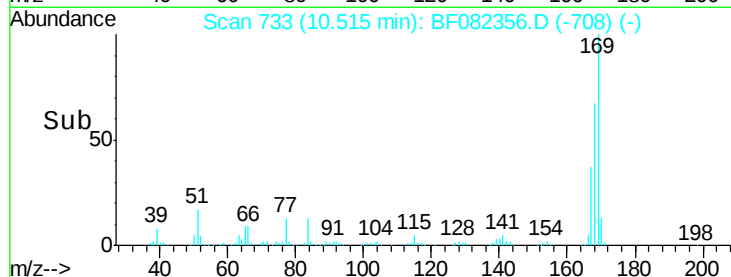
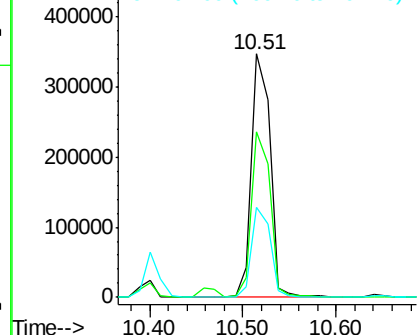
#65
 n-Nitrosodiphenylamine
 Concen: 43.17 ng
 RT: 10.51 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion:169 Resp: 483129
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.0 81.0
 167 37.1 29.6 44.4

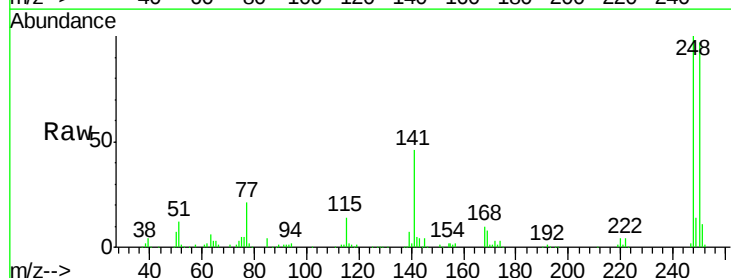


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

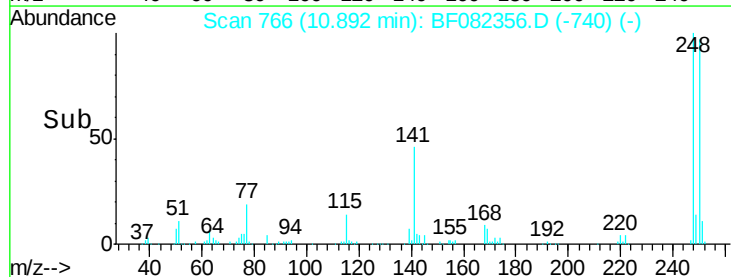
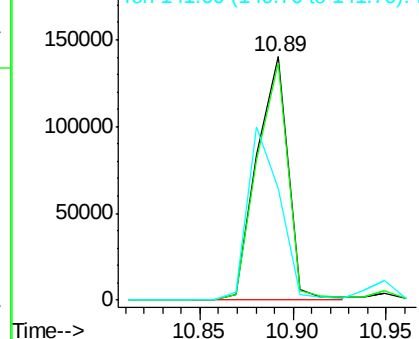


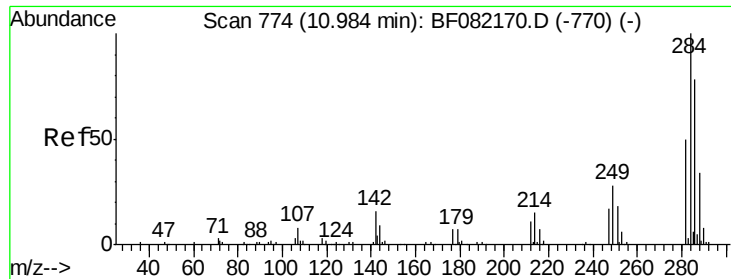
#66
 4-Bromophenyl-phenylether
 Concen: 43.34 ng
 RT: 10.89 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion:248 Resp: 162140
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.6 117.8
 141 45.7 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

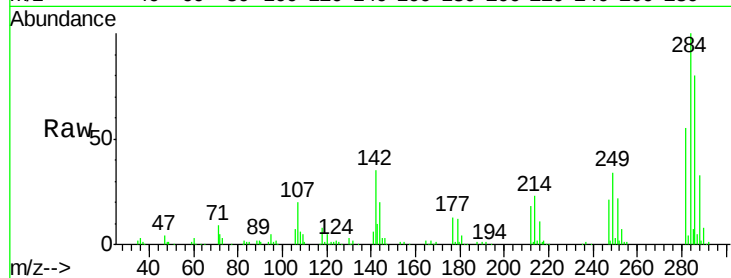




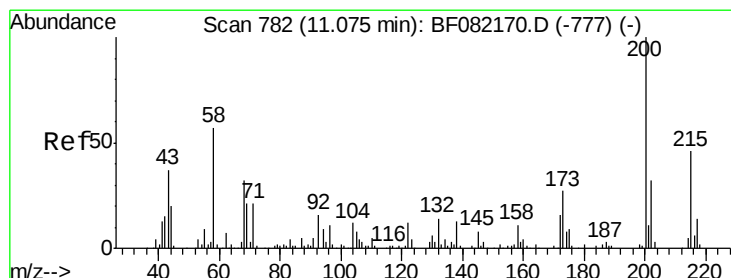
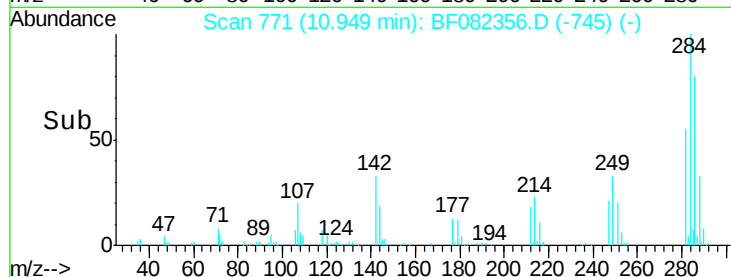
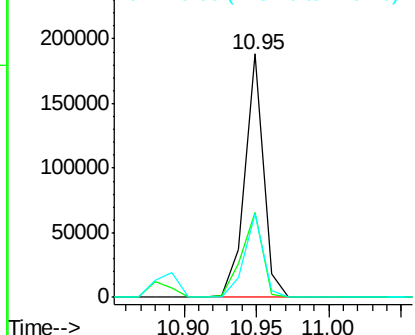
#67
Hexachlorobenzene
Concen: 41.72 ng
RT: 10.95 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion:284 Resp: 168797
Ion Ratio Lower Upper
284 100
142 34.9 13.0 19.6#
249 34.5 22.5 33.7#

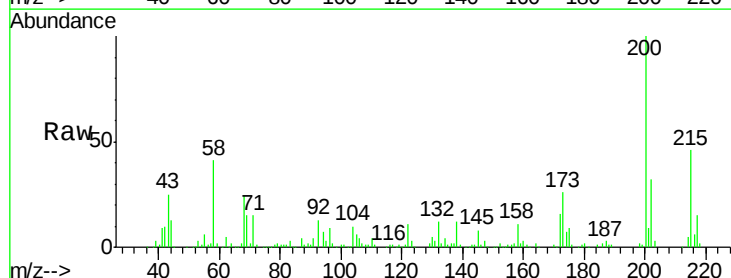


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

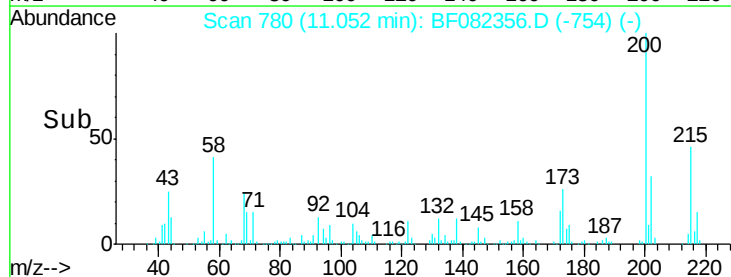
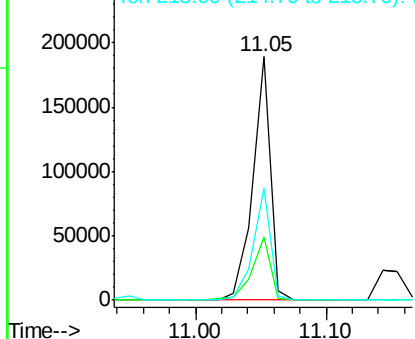


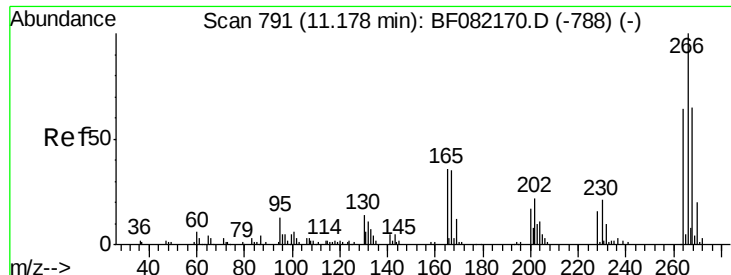
#68
Atrazine
Concen: 50.04 ng
RT: 11.05 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion:200 Resp: 177423
Ion Ratio Lower Upper
200 100
173 26.0 7.3 47.3
215 46.1 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

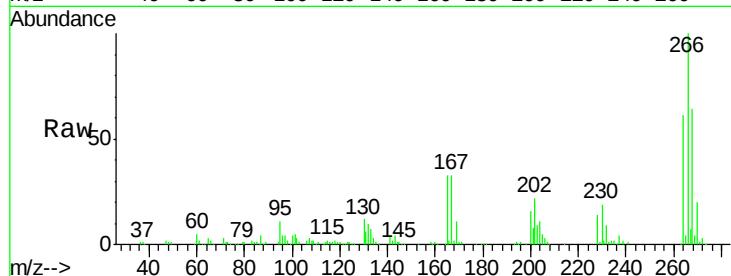




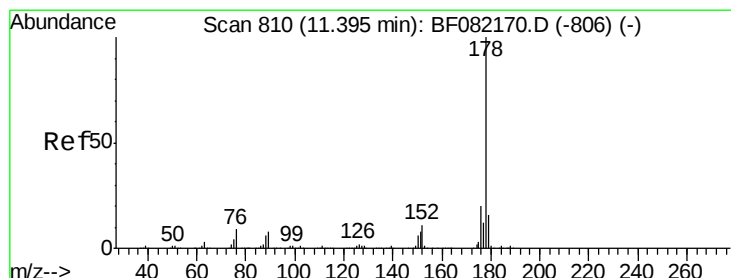
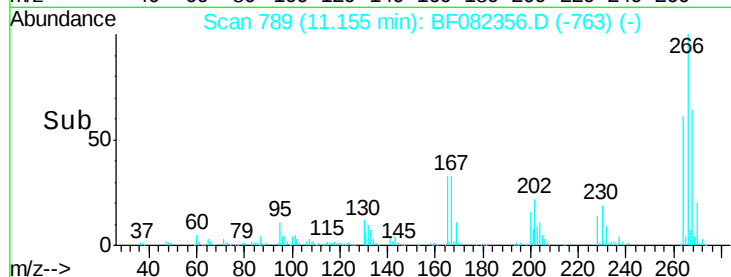
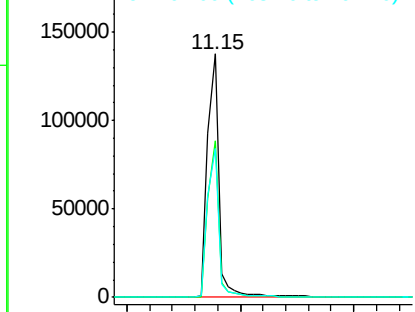
#69
 Pentachlorophenol
 Concen: 89.09 ng
 RT: 11.15 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion:266 Resp: 185475
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.0 78.0
 264 61.3 51.4 77.0

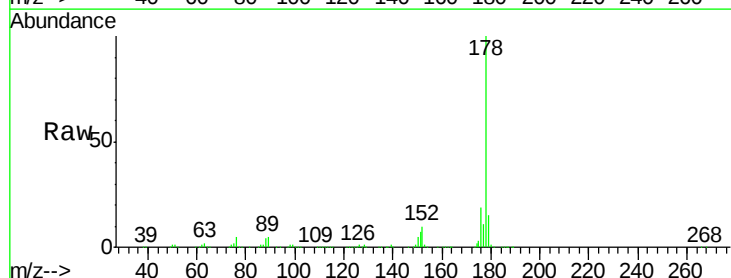


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

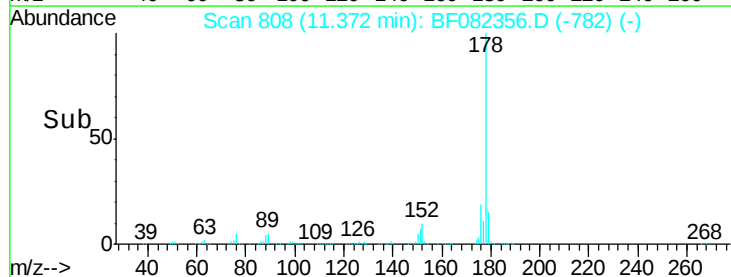
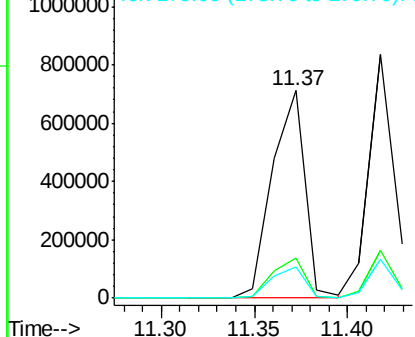


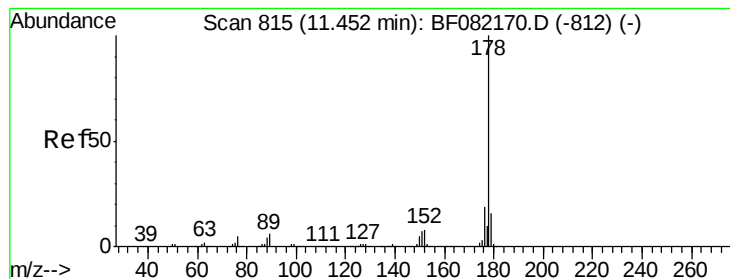
#70
 Phenanthrene
 Concen: 47.12 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion:178 Resp: 863297
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.2 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: 43.54 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

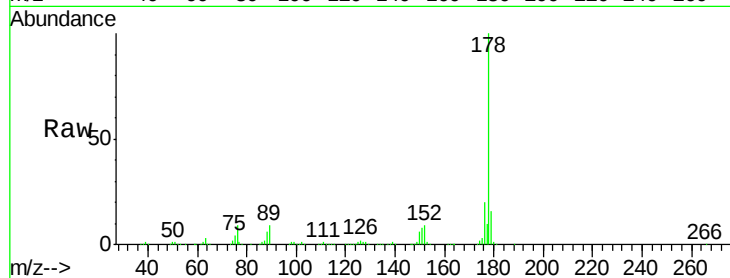
Tot Ion:178 Resp: 822081

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

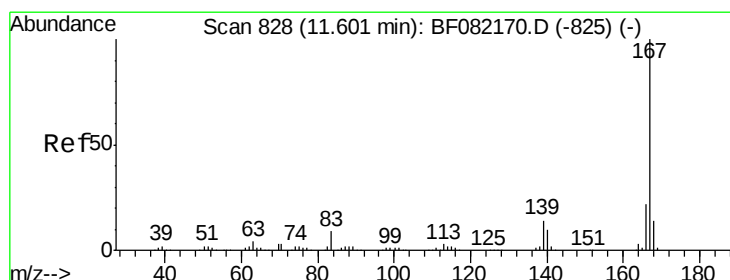
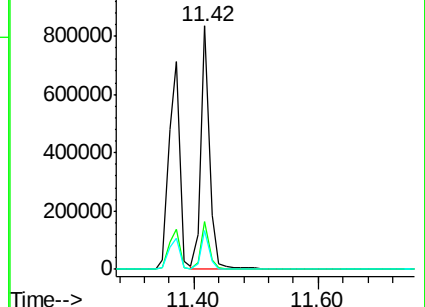
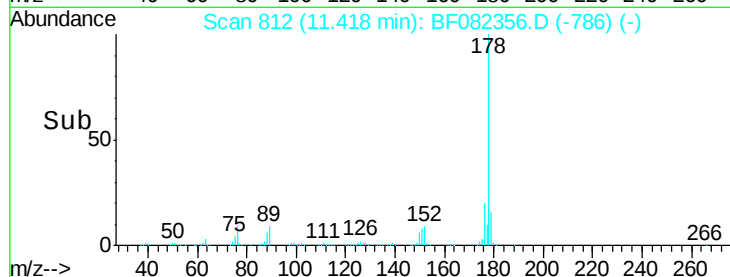
179 16.2 12.5 18.7



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: 42.18 ng

RT: 11.58 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

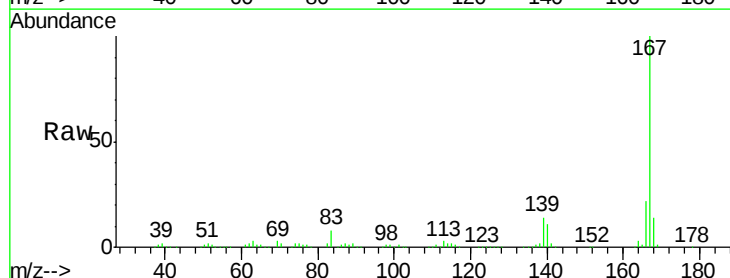
Tgt Ion:167 Resp: 726562

Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

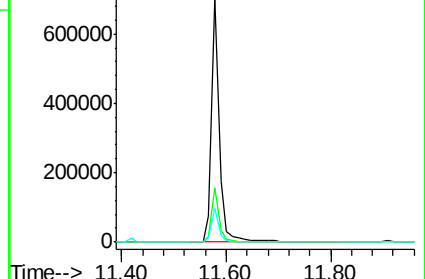
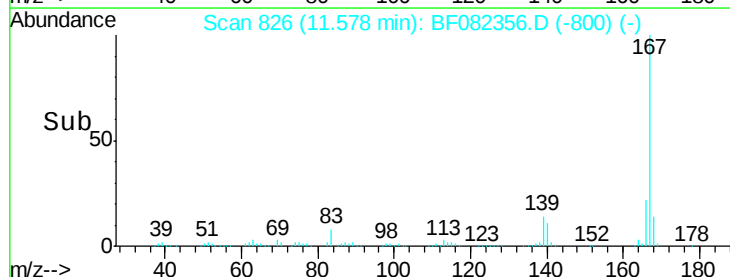
139 13.8 11.2 16.8

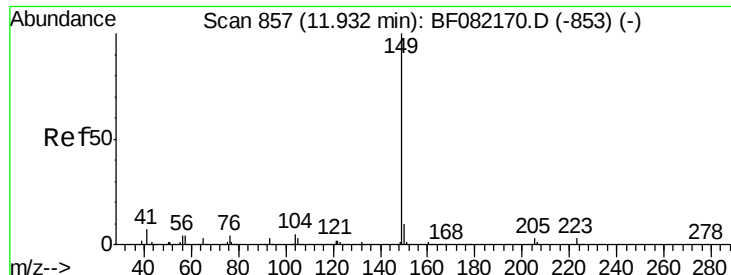


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.85 ng

RT: 11.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

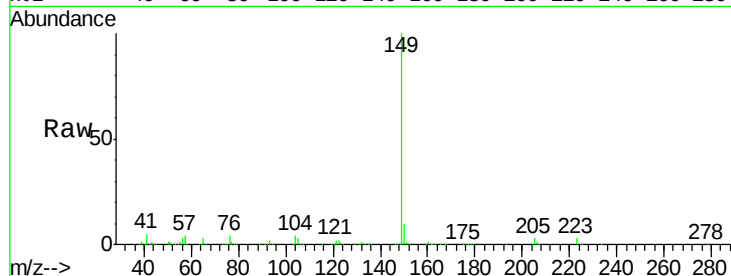
Tot Ion:149 Resp: 974195

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

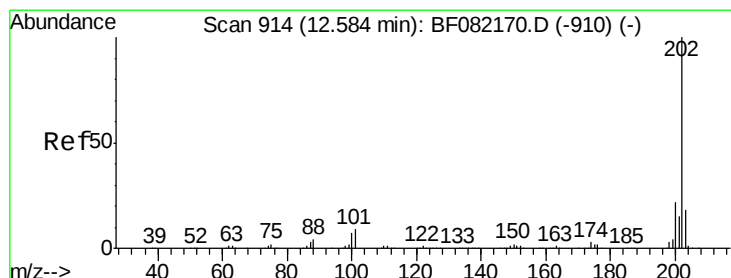
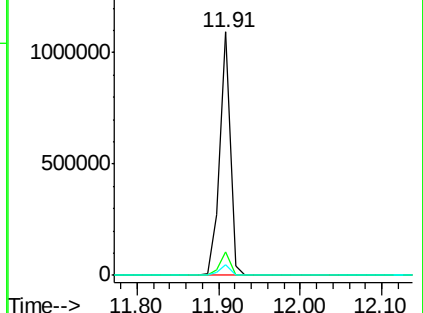
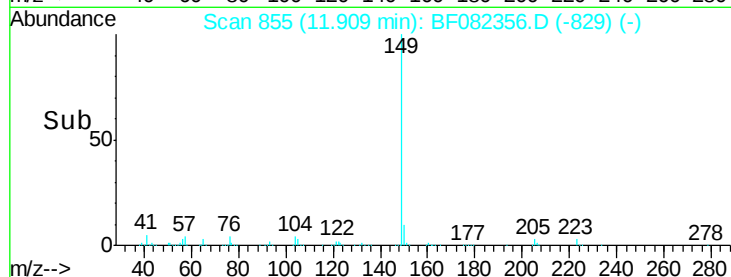
104 4.4 3.8 5.8



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: 43.35 ng

RT: 12.56 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

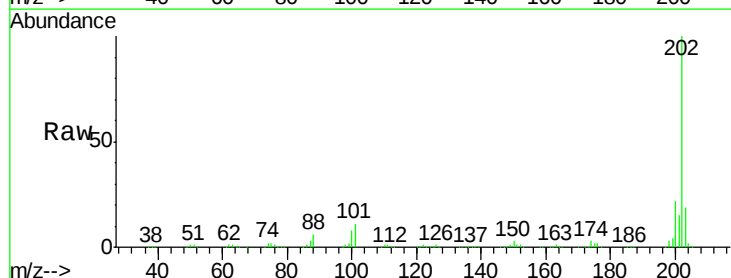
Tgt Ion:202 Resp: 853124

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.3

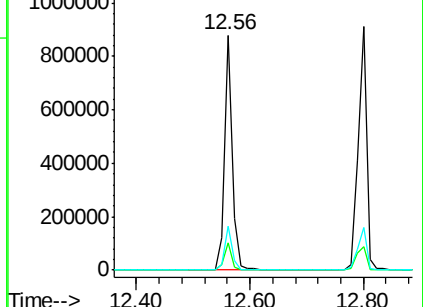
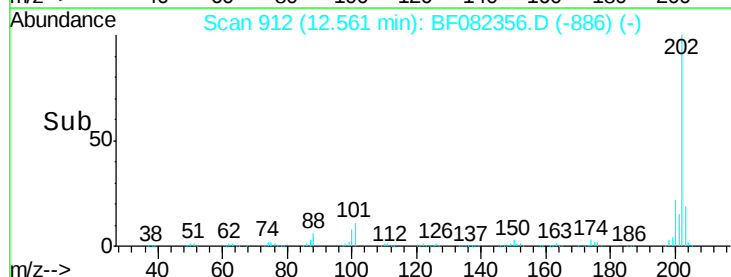
203 18.6 0.0 37.8

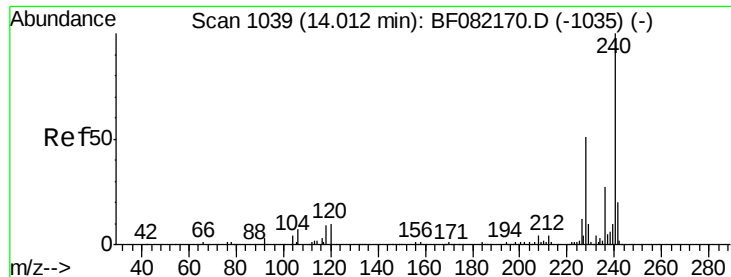


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

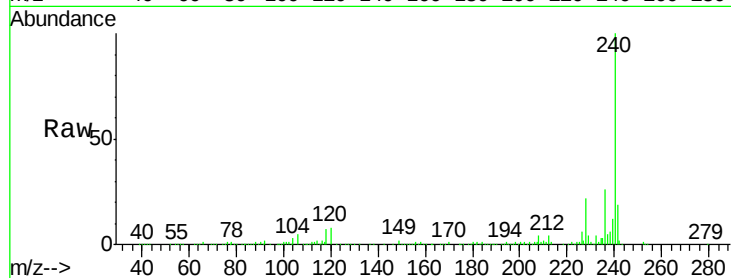
Tot Ion:240 Resp: 341594

Ion Ratio Lower Upper

240 100

120 7.8 8.1 12.1#

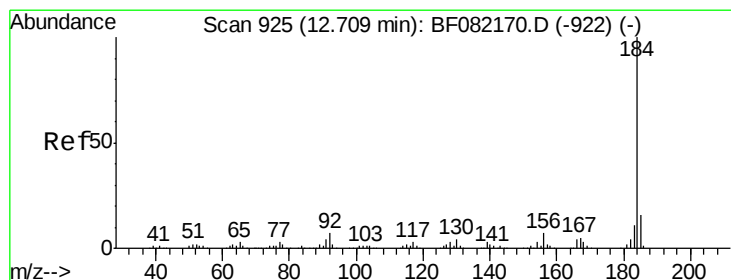
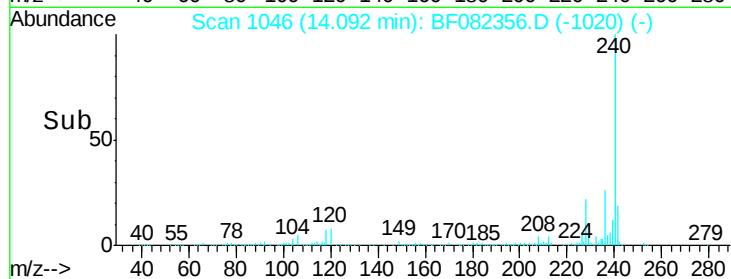
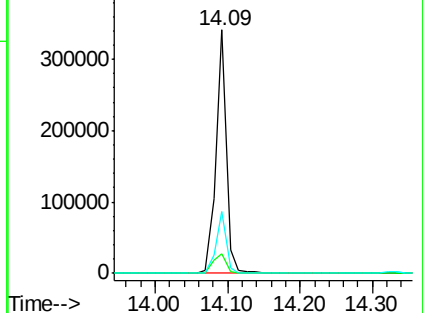
236 25.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.82 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

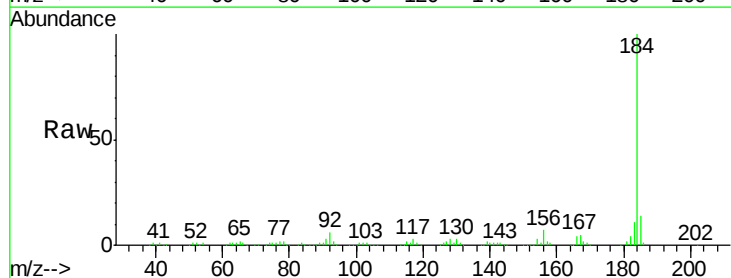
Tgt Ion:184 Resp: 374352

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

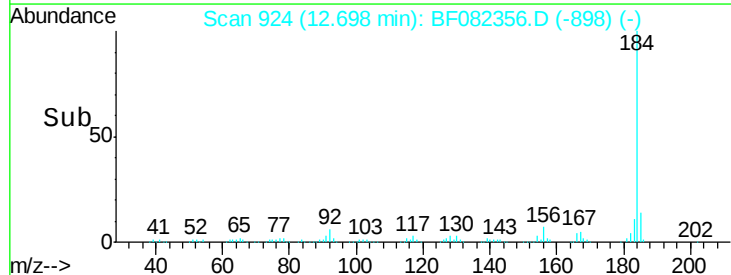
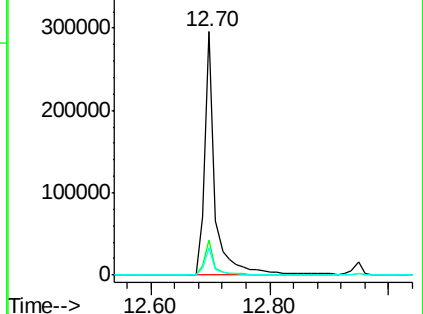
183 11.4 9.1 13.7

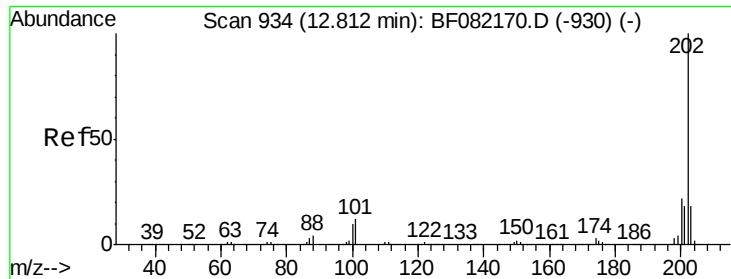


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

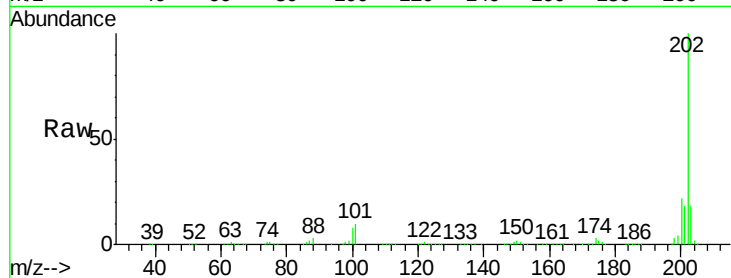




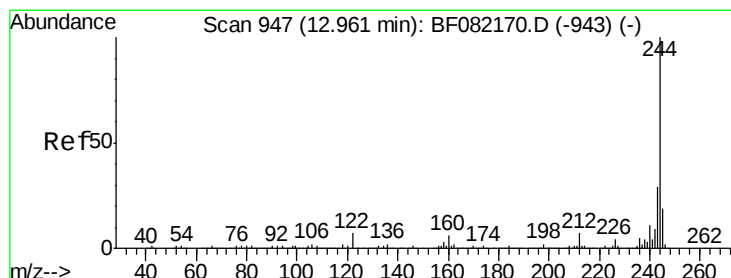
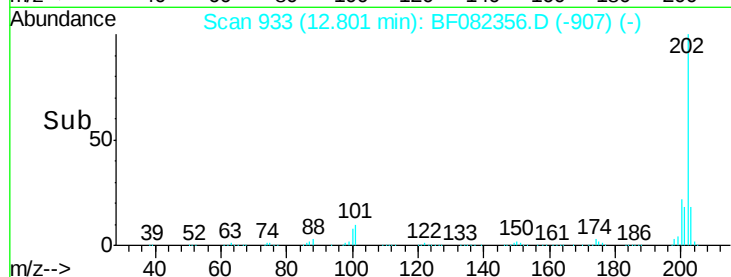
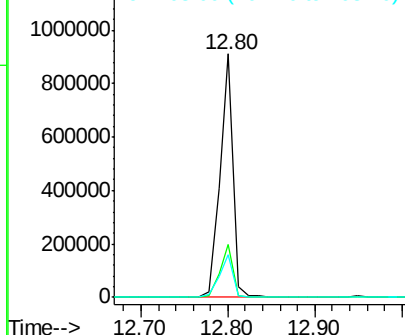
#77
Pvrene
Concen: 47.17 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion:202 Resp: 956233
Ion Ratio Lower Upper
202 100
200 21.9 17.9 26.9
203 17.7 14.5 21.7

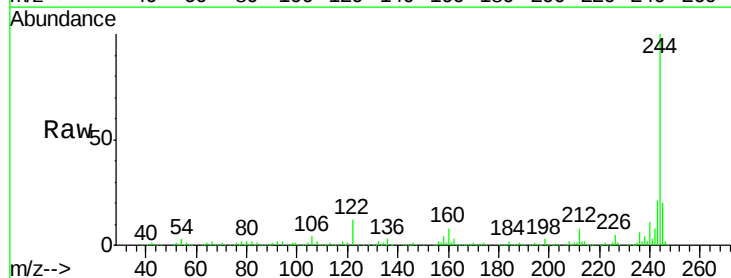


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

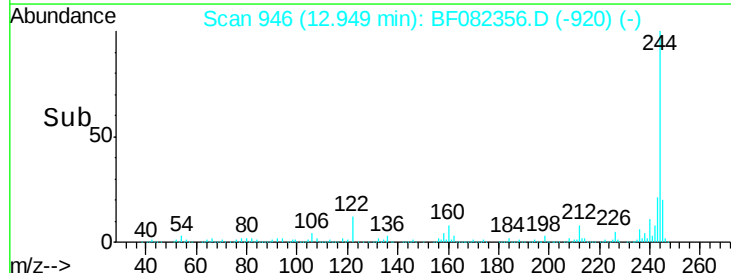
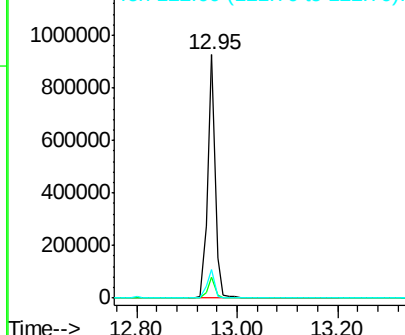


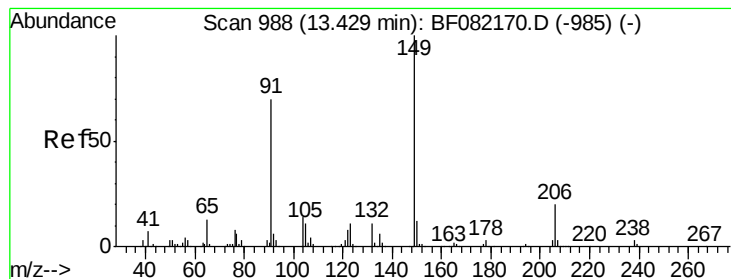
#78
Terphenyl-d14
Concen: 75.07 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion:244 Resp: 967654
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.6
122 11.9 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: 42.66 ng

RT: 13.45 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

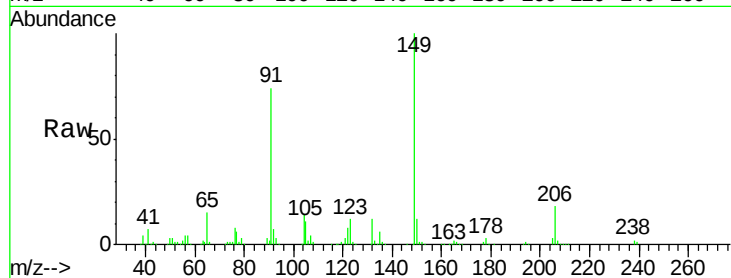
Tot Ion:149 Resp: 394684

Ion Ratio Lower Upper

149 100

91 73.9 55.7 83.5

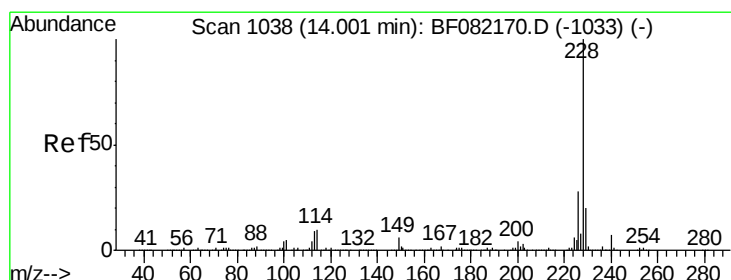
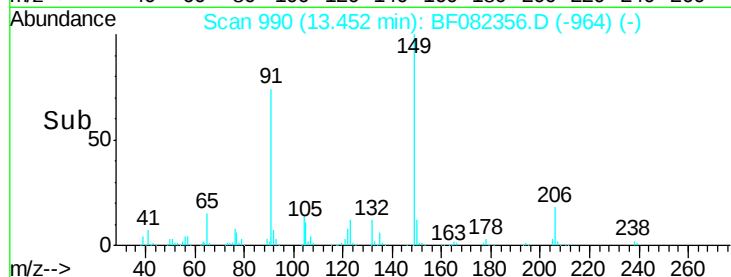
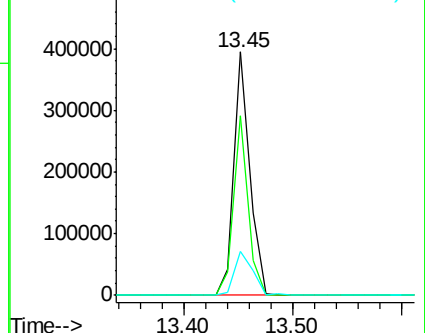
206 18.2 15.6 23.4



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: 43.17 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

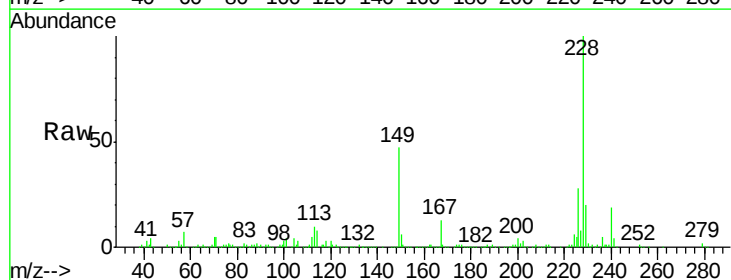
Tgt Ion:228 Resp: 767221

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

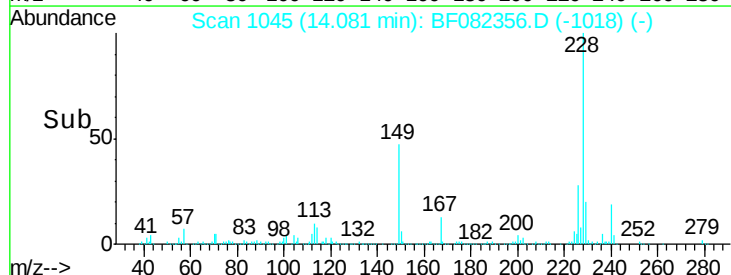
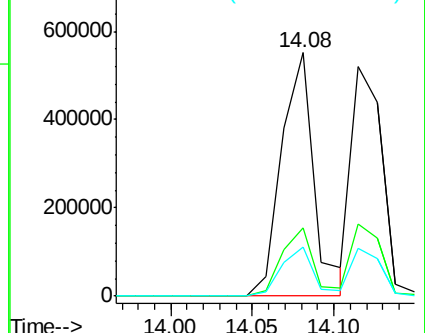
229 20.2 16.2 24.2

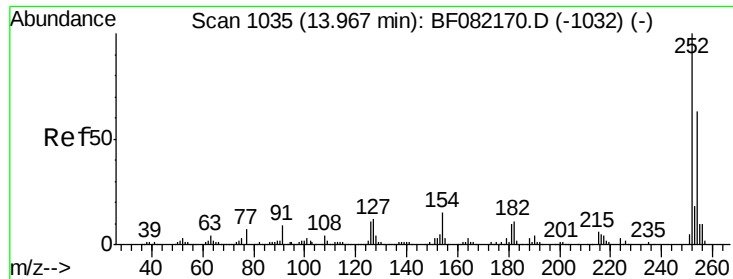


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

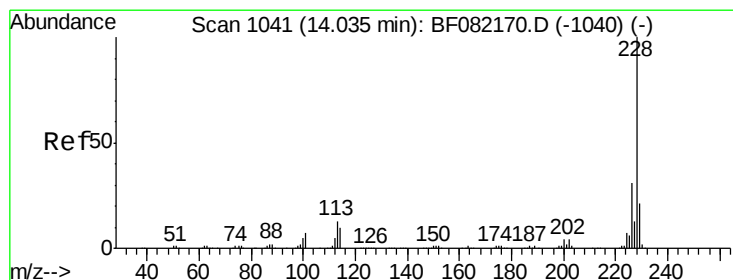
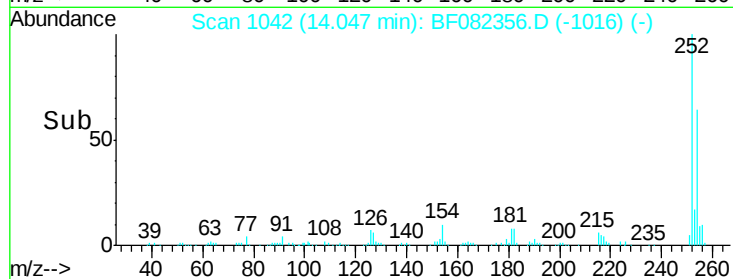
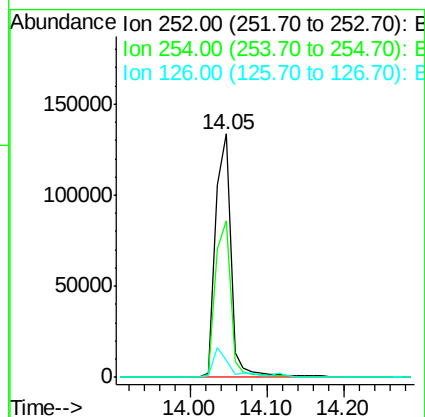
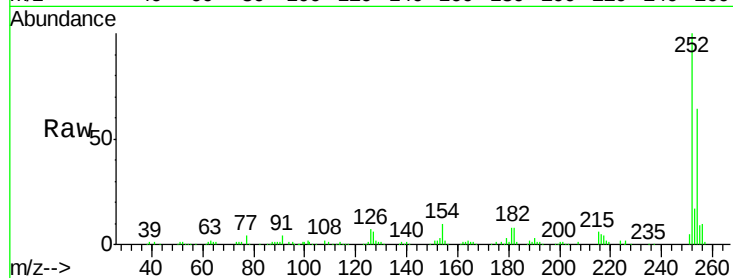




#81
 3,3'-Dichlorobenzidine
 Concen: 27.79 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

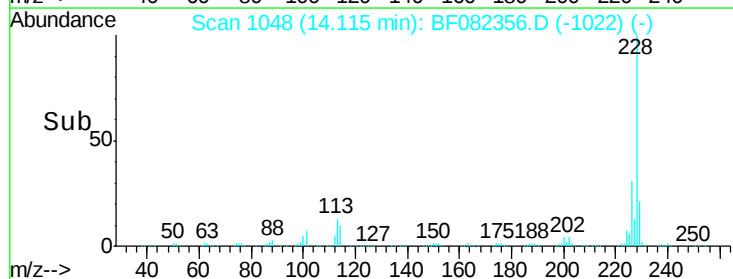
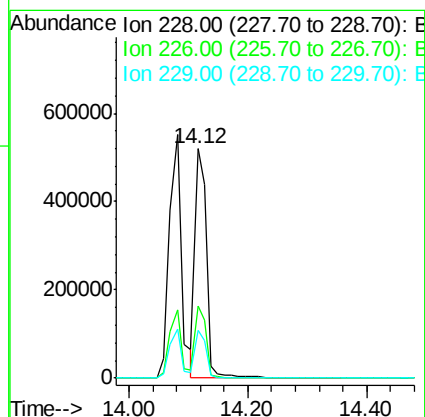
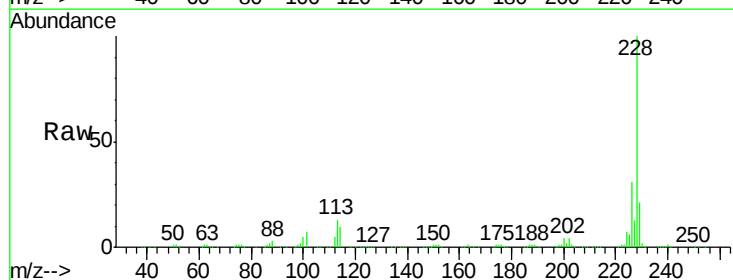
Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

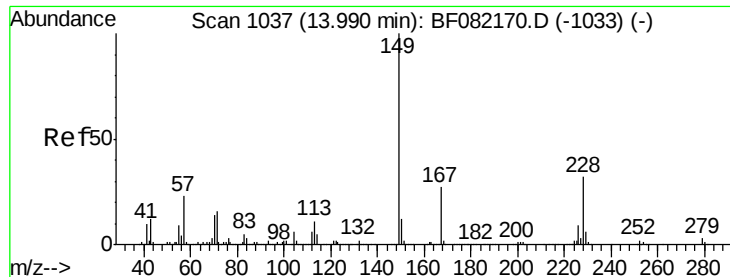
Tot Ion:252 Resp: 187501
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 6.8 9.0 13.6#



#82
 Chrysene
 Concen: 37.71 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion:228 Resp: 706137
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.8 16.3 24.5

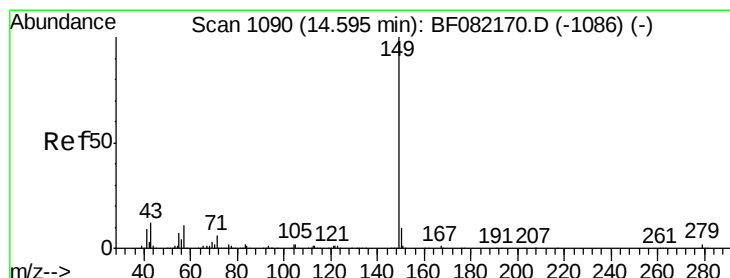
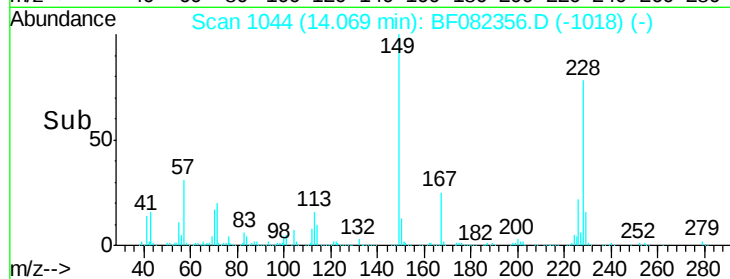
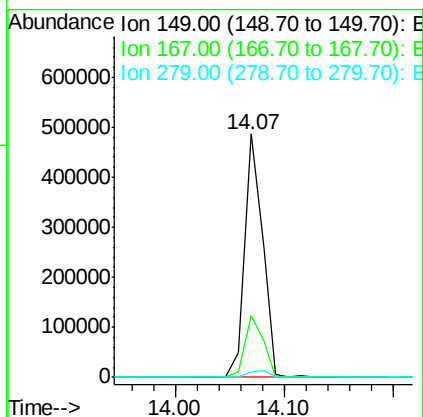
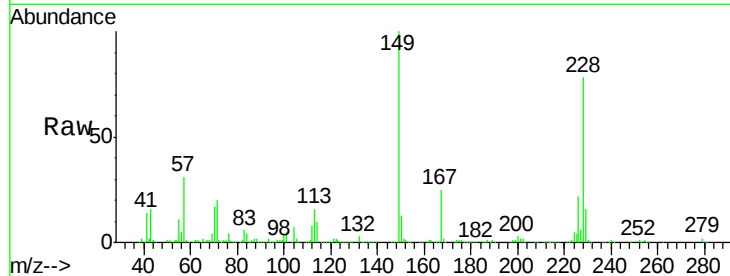




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.94 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

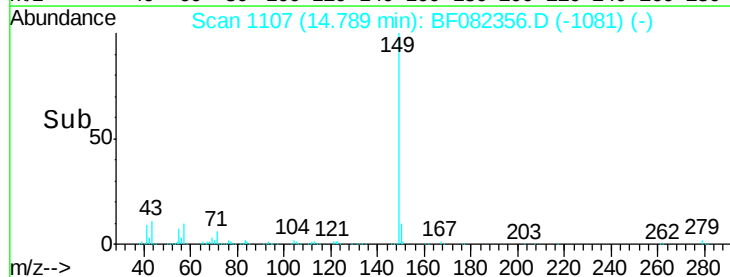
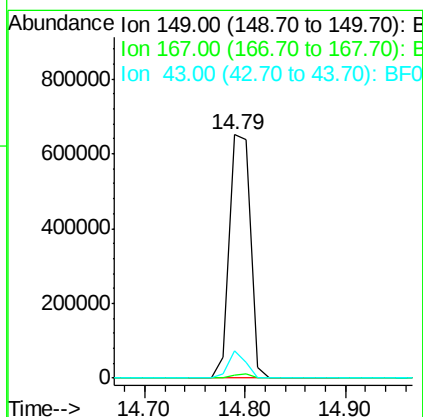
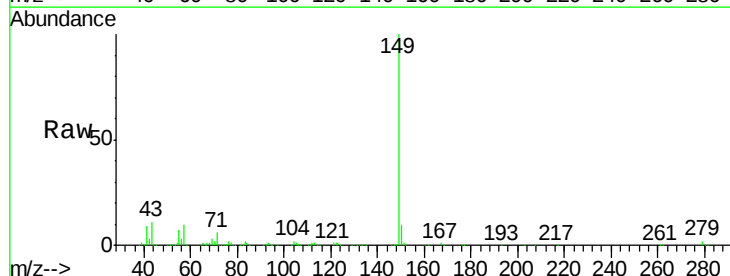
Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

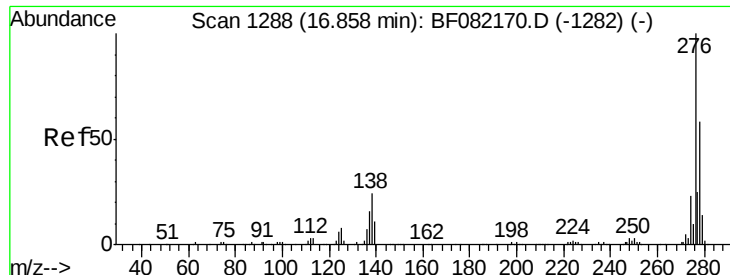
Tot Ion:149 Resp: 553508
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.3 31.9
 279 2.2 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 41.78 ng
 RT: 14.79 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion:149 Resp: 946925
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.5 7.4 11.2

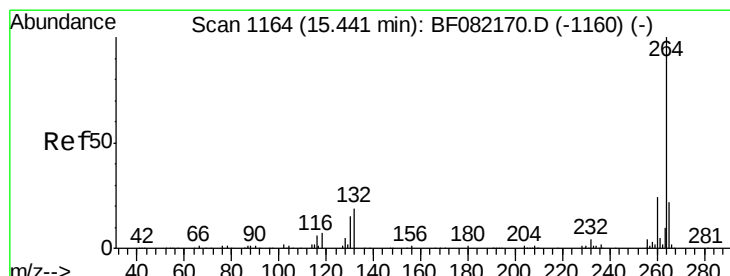
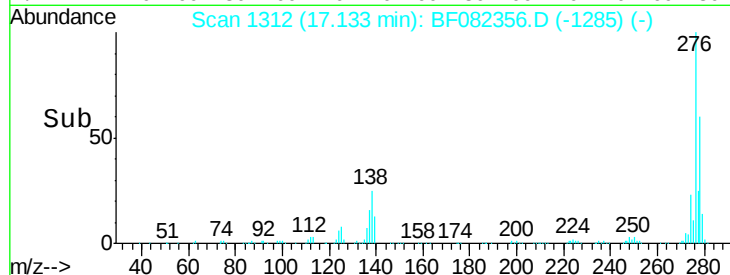
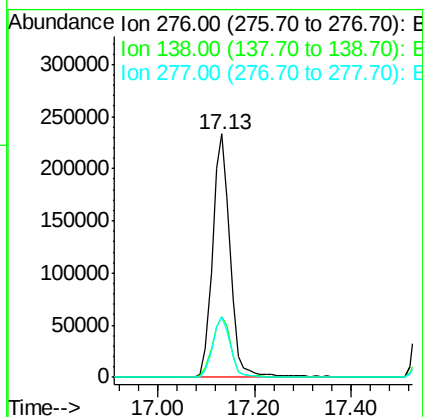
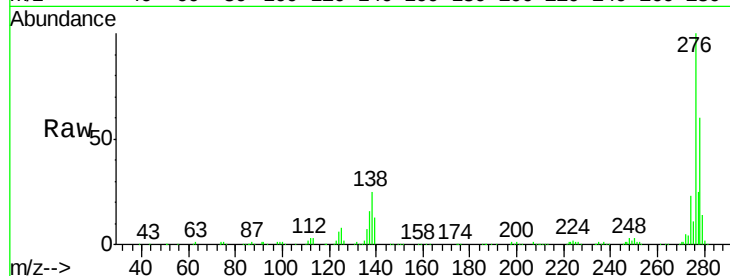




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.27 ng
 RT: 17.13 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

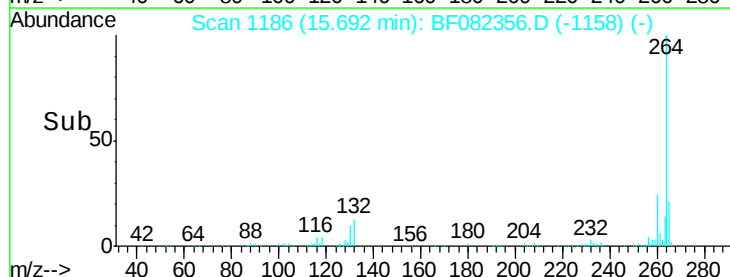
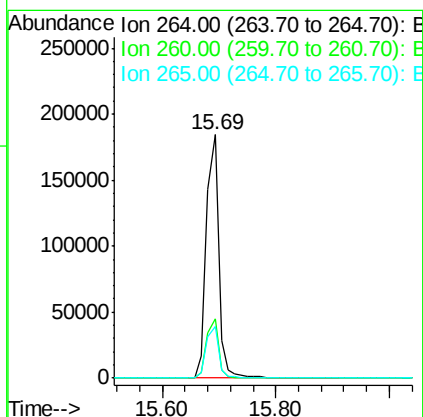
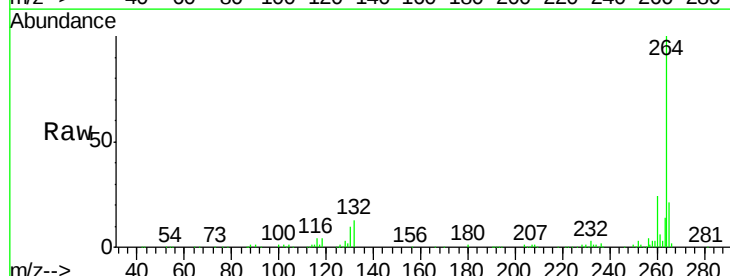
Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

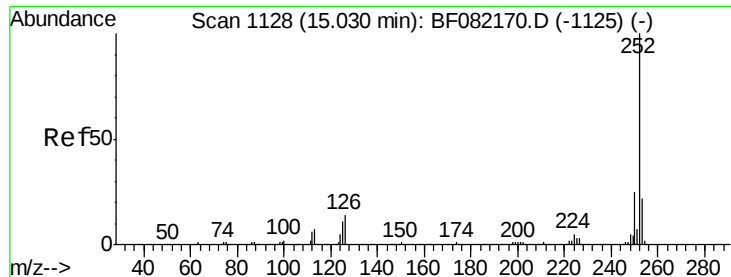
Tot Ion:276 Resp: 599388
 Ion Ratio Lower Upper
 276 100
 138 26.2 19.7 29.5
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1186
 Delta R.T. 0.02 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion:264 Resp: 269923
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.2 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 44.23 ng

RT: 15.27 min Scan# 1149

Delta R.T. 0.02 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86128BS

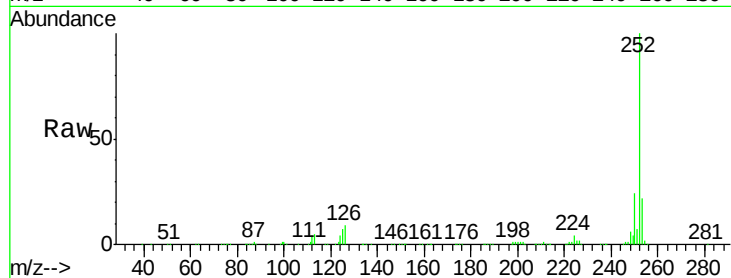
Tot Ion:252 Resp: 726302

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

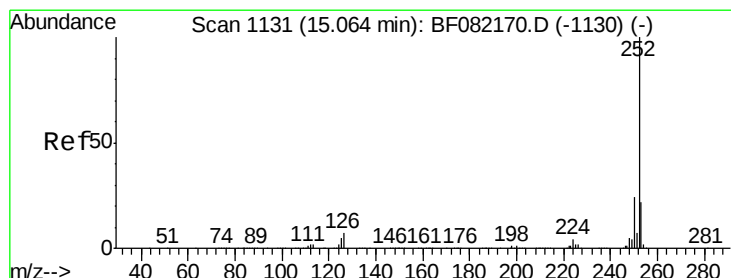
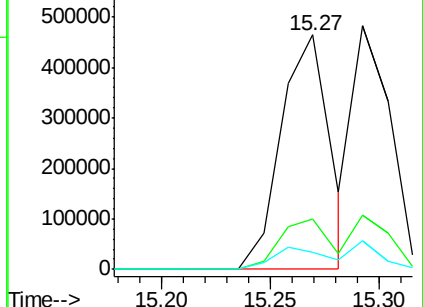
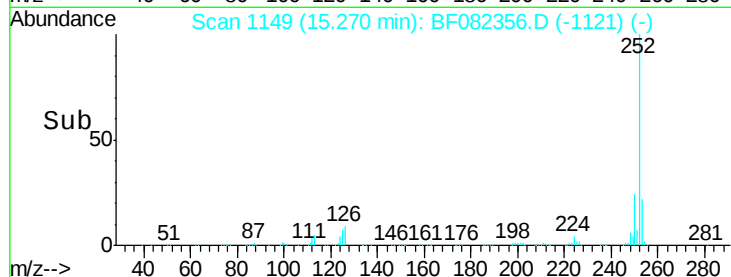
125 7.2 8.6 12.8#



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: 52.62 ng

RT: 15.27 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

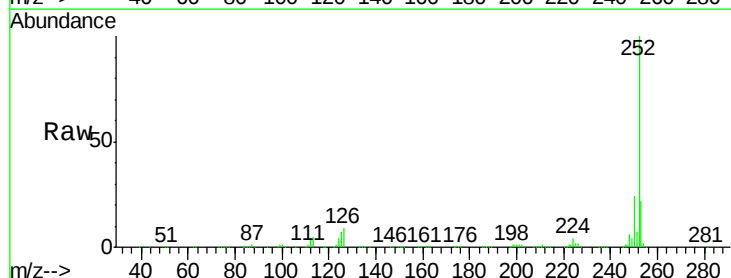
Tgt Ion:252 Resp: 726302

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

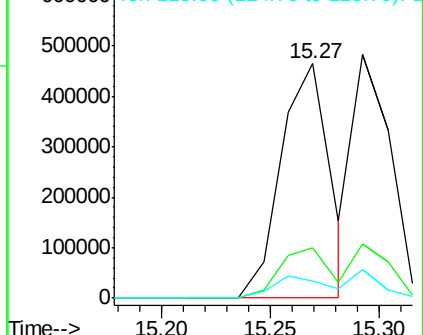
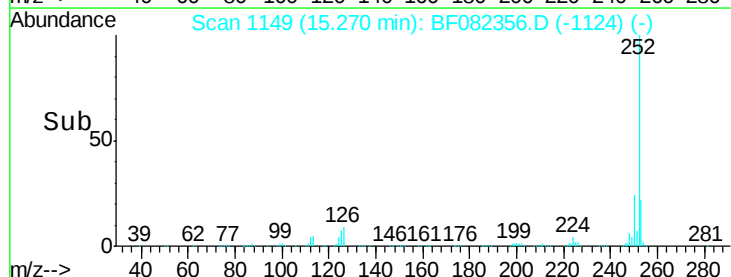
125 7.2 6.7 10.1

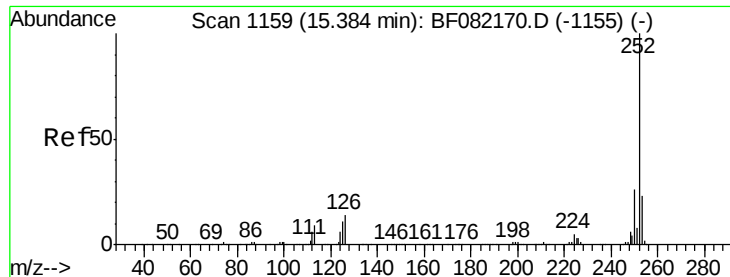


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.54 ng

RT: 15.62 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampled :

PB86128BS

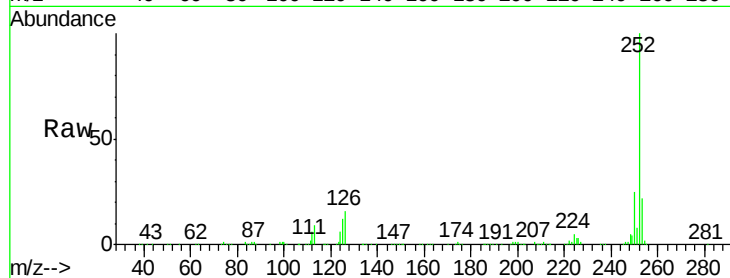
Tot Ion:252 Resp: 628552

Ion Ratio Lower Upper

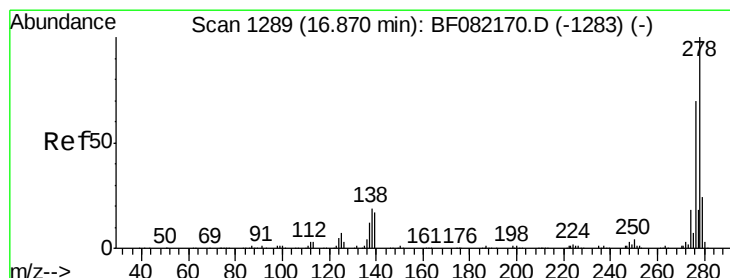
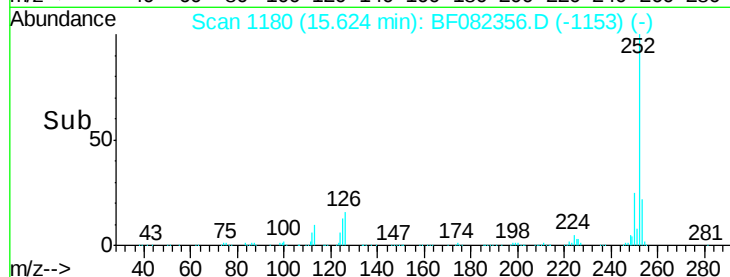
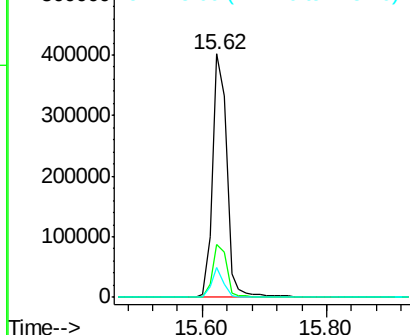
252 100

253 21.6 18.2 27.2

125 12.2 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: 43.95 ng

RT: 17.14 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

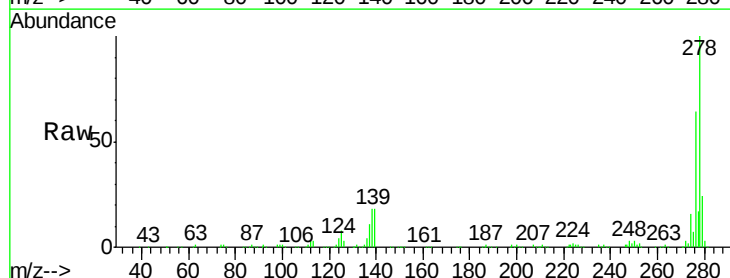
Tgt Ion:278 Resp: 508253

Ion Ratio Lower Upper

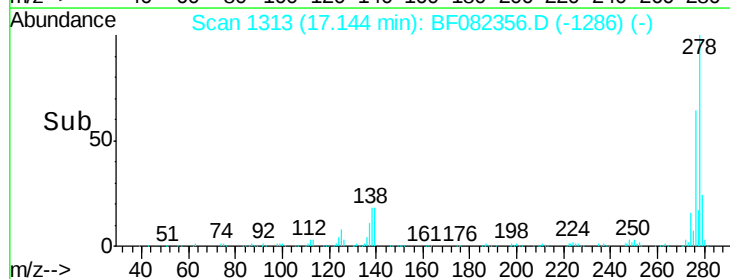
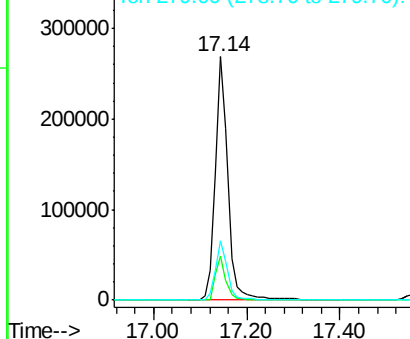
278 100

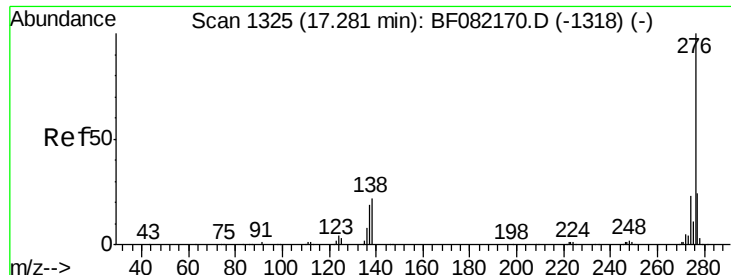
139 18.2 13.3 19.9

279 24.5 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: 44.44 ng
 RT: 17.56 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	24.4	17.4	26.2

