

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082259.D
 Acq On : 13 Oct 2015 17:36
 Operator : UM/IZ
 Sample : PB86086BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Quant Time: Oct 14 01:18:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80280	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	319672	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	160870	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	305068	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	302438	20.00	ng	-0.05
86) Perylene-d12	15.66	264	281802	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	490258	123.25	ng	0.01
7) Phenol-d6	6.47	99	610727	117.98	ng	0.00
23) Nitrobenzene-d5	7.39	82	377672	79.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	179827	119.20	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	818060	84.33	ng	0.00
78) Terphenyl-d14	12.97	244	841902	73.77	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	57209	28.62	ng	90
3) Pyridine	3.18	79	163548	35.18	ng	97
4) n-Nitrosodimethylamine	3.13	42	67100	34.04	ng	99
6) Aniline	6.49	93	170896	25.61	ng	98
8) 2-Chlorophenol	6.61	128	170923	35.20	ng	# 77
9) Benzaldehyde	6.38	77	86121	32.58	ng	92
10) Phenol	6.48	94	232184	38.90	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	176326	34.94	ng	94
12) 1,3-Dichlorobenzene	6.77	146	206042	36.43	ng	98
13) 1,4-Dichlorobenzene	6.85	146	209596	35.49	ng	98
14) 1,2-Dichlorobenzene	6.99	146	198124	35.33	ng	97
15) Benzyl Alcohol	6.97	79	135987	38.05	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	244249	34.75	ng	99
17) 2-Methylphenol	7.09	107	139758	36.40	ng	99
18) Hexachloroethane	7.34	117	72427	35.83	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	121413	33.40	ng	# 89
20) 3+4-Methylphenols	7.25	107	177861	38.87	ng	95
22) Acetophenone	7.25	105	246215	38.94	ng	# 96
24) Nitrobenzene	7.42	77	185783	36.06	ng	95
25) Isophorone	7.66	82	348310	36.25	ng	97
26) 2-Nitrophenol	7.74	139	101338	39.39	ng	95
27) 2,4-Dimethylphenol	7.77	122	155771	37.58	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	211599	37.85	ng	99
29) 2,4-Dichlorophenol	7.98	162	169333	40.87	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	174132	36.46	ng	99
31) Naphthalene	8.14	128	513773	37.08	ng	99
32) Benzoic acid	7.90	122	81723	29.38	ng	97
33) 4-Chloroaniline	8.19	127	104012	18.07	ng	96
34) Hexachlorobutadiene	8.25	225	105913	35.59	ng	99
35) Caprolactam	8.56	113	46166	38.39	ng	# 72
36) 4-Chloro-3-methylphenol	8.69	107	166474	41.08	ng	86
37) 2-Methylnaphthalene	8.83	142	370066	38.52	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	169140	35.35	ng	99
40) Hexachlorocyclopentadiene	8.98	237	169380	71.00	ng	99

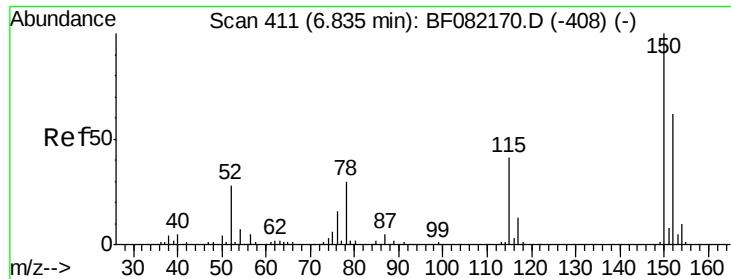
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	109637	34.50	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	135942	39.49	nq	95
45) 1,1'-Biphenyl	9.29	154	436747	35.60	nq	99
46) 2-Chloronaphthalene	9.33	162	358348	37.11	nq	99
47) 2-Nitroaniline	9.43	65	103224	38.94	nq	# 67
48) Acenaphthylene	9.74	152	560790	37.28	nq	100
49) Dimethylphthalate	9.60	163	393349	34.72	nq	100
50) 2,6-Dinitrotoluene	9.67	165	98149	41.06	nq	97
51) Acenaphthene	9.91	154	326515	36.15	nq	99
52) 3-Nitroaniline	9.84	138	53753	19.91	nq	98
53) 2,4-Dinitrophenol	9.94	184	86678	66.10	nq	# 73
54) Dibenzofuran	10.08	168	479241	38.65	nq	98
55) 4-Nitrophenol	10.01	139	129616	72.28	nq	98
56) 2,4-Dinitrotoluene	10.07	165	113194	37.89	nq	89
57) Fluorene	10.42	166	377978	37.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	106896	38.00	nq	93
59) Diethylphthalate	10.30	149	385671	36.52	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	177903	38.14	nq	# 80
61) 4-Nitroaniline	10.46	138	96106	36.70	nq	98
62) Azobenzene	10.58	77	391973	37.93	nq	84
64) 4,6-Dinitro-2-methylphenol	10.48	198	64224	37.51	nq	87
65) n-Nitrosodiphenylamine	10.54	169	330545	36.19	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	109941	36.01	nq	# 81
67) Hexachlorobenzene	10.97	284	126808	38.40	nq	# 87
68) Atrazine	11.07	200	113229	39.13	nq	95
69) Pentachlorophenol	11.17	266	126032	74.18	nq	96
70) Phenanthrene	11.39	178	578672	38.70	nq	98
71) Anthracene	11.44	178	610693	39.63	nq	99
72) Carbazole	11.60	167	542382	38.59	nq	99
73) Di-n-butylphthalate	11.93	149	637293	36.75	nq	98
74) Fluoranthene	12.58	202	647228	40.30	nq	99
76) Benzydine	12.72	184	307799	35.12	nq	98
77) Pyrene	12.81	202	632185	35.22	nq	99
79) Butylbenzylphthalate	13.46	149	267905	32.71	nq	99
80) Benzo(a)anthracene	14.08	228	599037	38.07	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	142236	23.81	nq	# 96
82) Chrysene	14.12	228	532165	32.10	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	341907	29.26	nq	# 98
84) Di-n-octyl phthalate	14.78	149	637889	31.79	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	538077	40.83	nq	99
87) Benzo(b)fluoranthene	15.24	252	558579	32.58	nq	# 98
88) Benzo(k)fluoranthene	15.24	252	558579	38.76	nq	100
89) Benzo(a)pyrene	15.60	252	558489	37.90	nq	# 97
90) Dibenzo(a,h)anthracene	17.12	278	445462	36.89	nq	99
91) Benzo(g,h,i)perylene	17.53	276	433197	36.93	nq	99

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

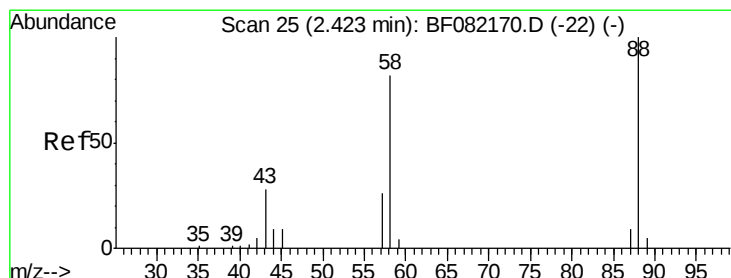
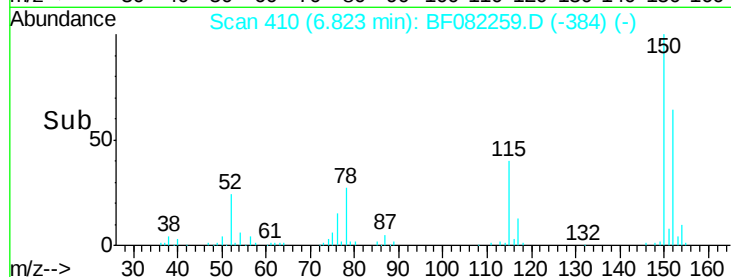
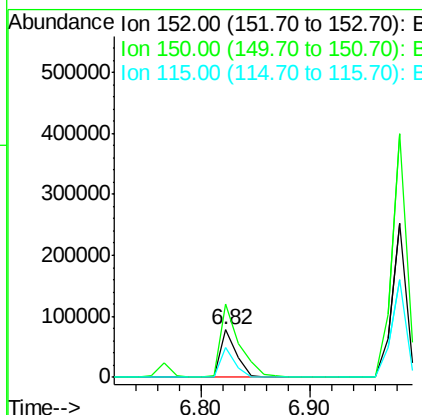
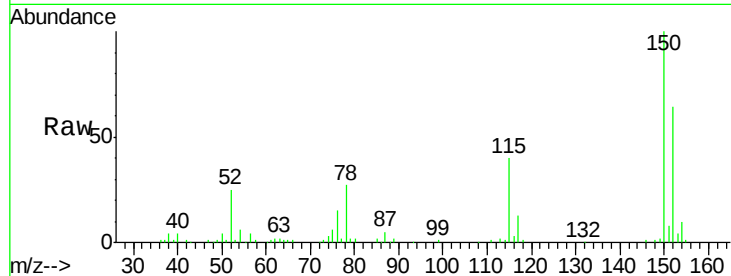


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

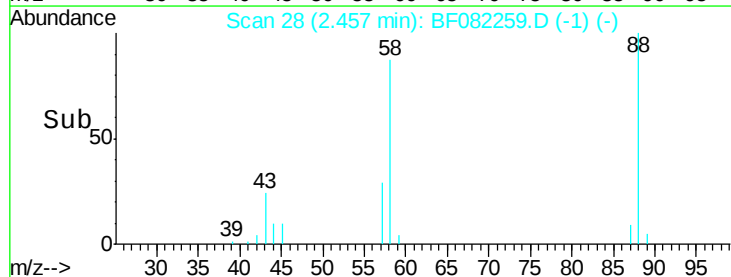
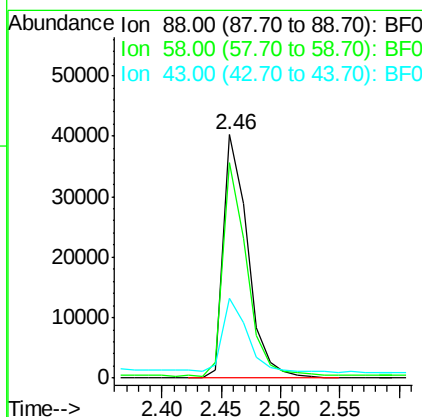
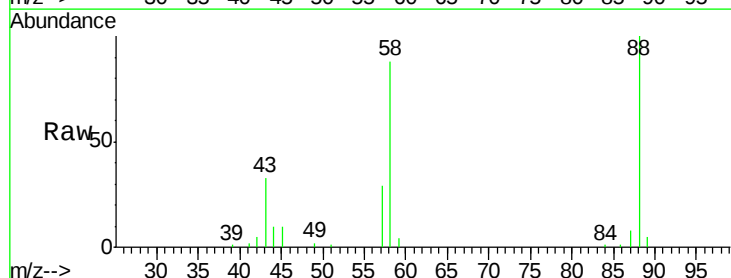
Tot Ion:152 Resp: 80280
Ion Ratio Lower Upper
152 100
150 155.8 129.0 193.4
115 62.6 52.1 78.1

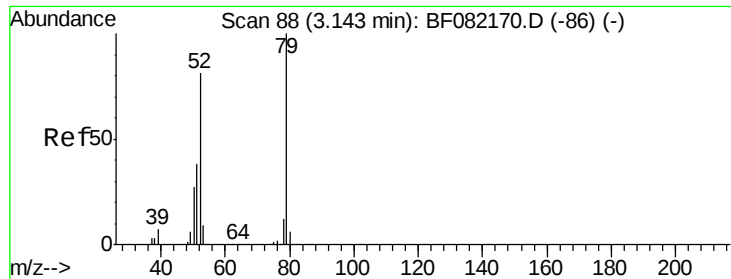


#2

1,4-Dioxane
Concen: 28.62 ng
RT: 2.46 min Scan# 28
Delta R.T. 0.08 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion: 88 Resp: 57209
Ion Ratio Lower Upper
88 100
58 92.4 66.2 99.4
43 33.7 23.0 34.4

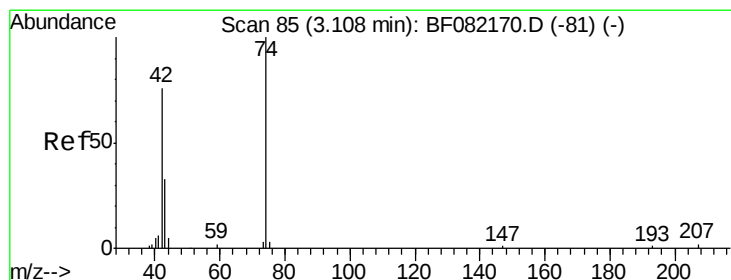
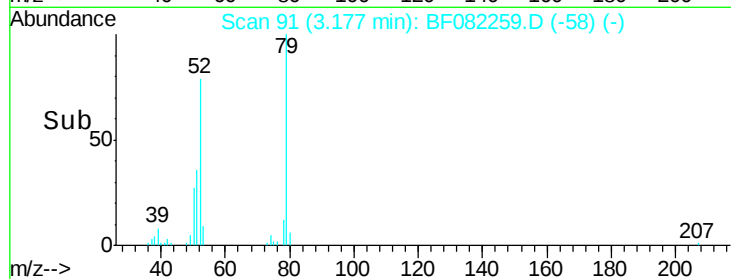
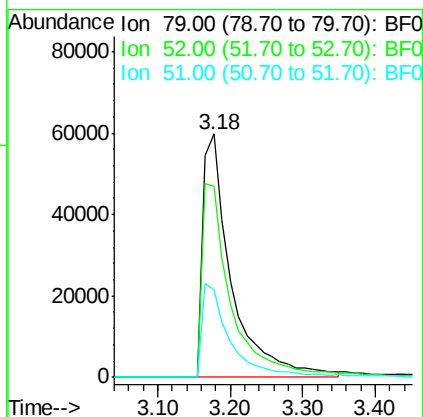
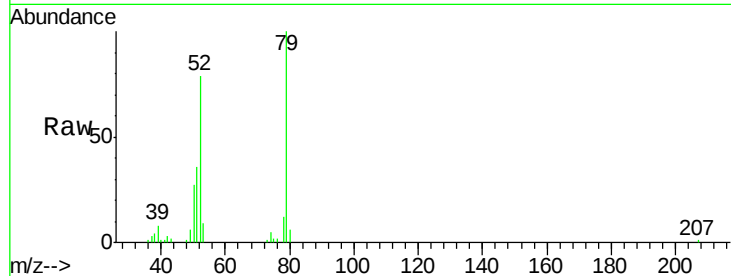




#3
 Pvridine
 Concen: 35.18 ng
 RT: 3.18 min Scan# 91
 Delta R.T. 0.08 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

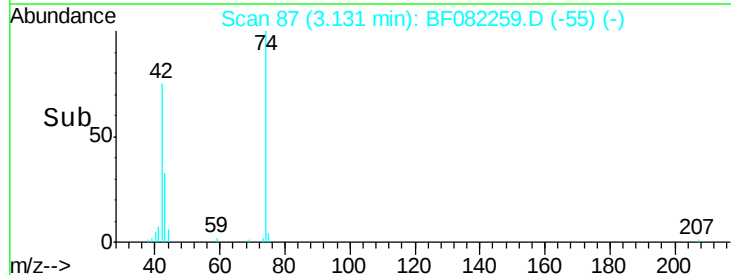
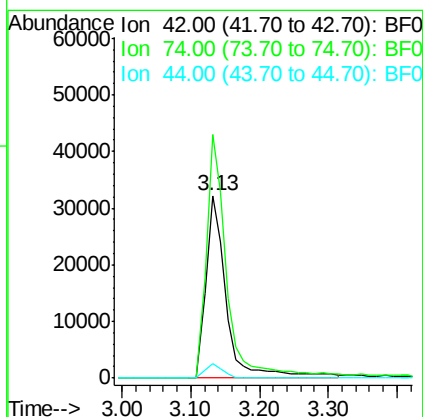
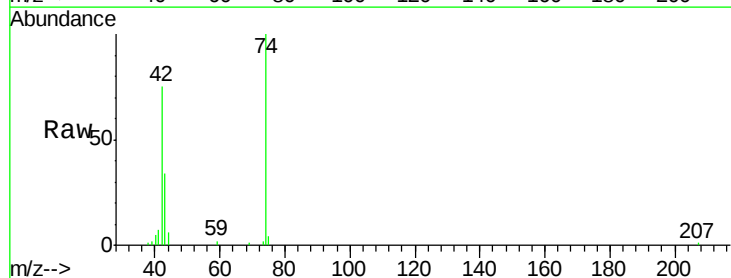
Instrument :
 BNA_F
 ClientSampleId :
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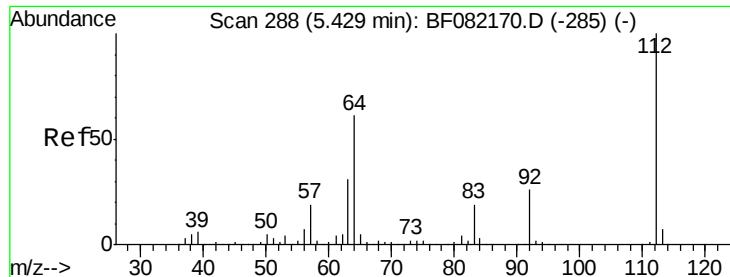
Tot Ion: 79 Resp: 163548
 Ion Ratio Lower Upper
 79 100
 52 78.7 64.4 96.6
 51 36.0 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 34.04 ng
 RT: 3.13 min Scan# 87
 Delta R.T. 0.07 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion: 42 Resp: 67100
 Ion Ratio Lower Upper
 42 100
 74 133.2 105.7 158.5
 44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 123.25 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

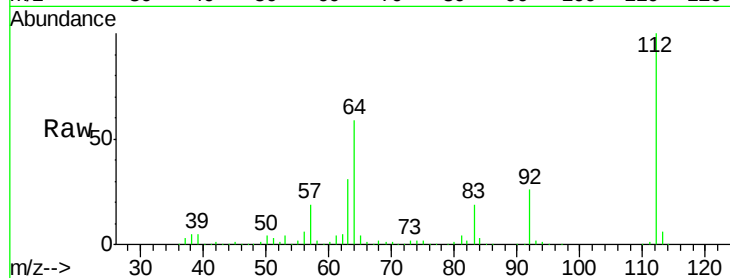
Tot Ion:112 Resp: 490258

Ion Ratio Lower Upper

112 100

64 59.2 48.6 73.0

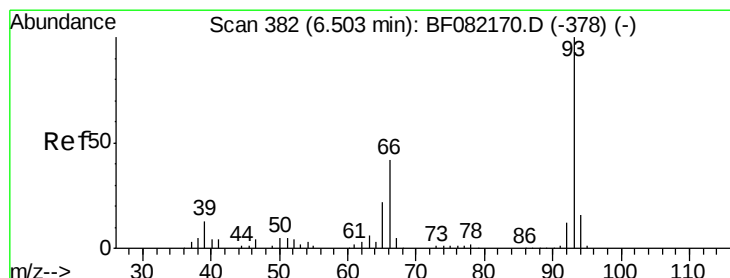
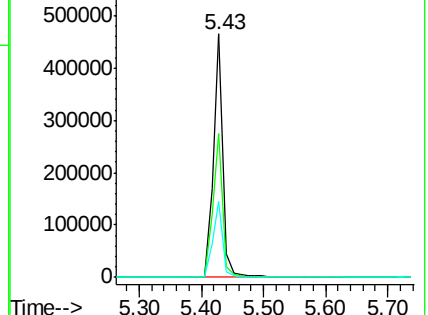
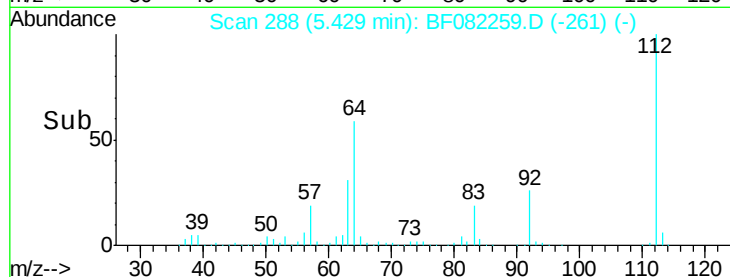
63 31.2 25.1 37.7



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: 25.61 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

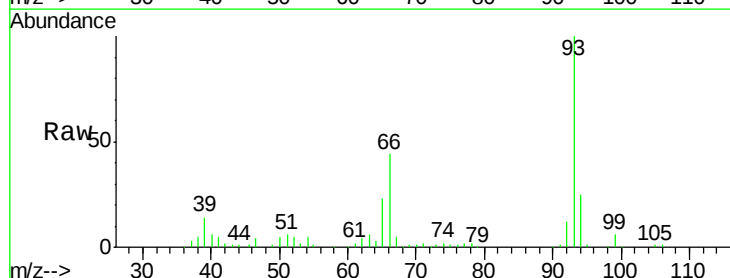
Tgt Ion: 93 Resp: 170896

Ion Ratio Lower Upper

93 100

66 43.9 34.2 51.2

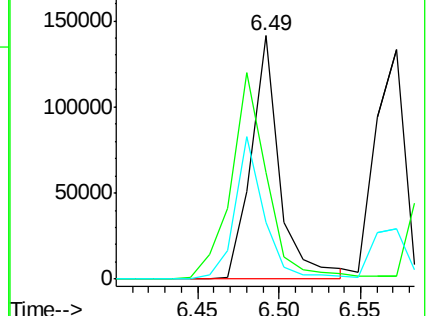
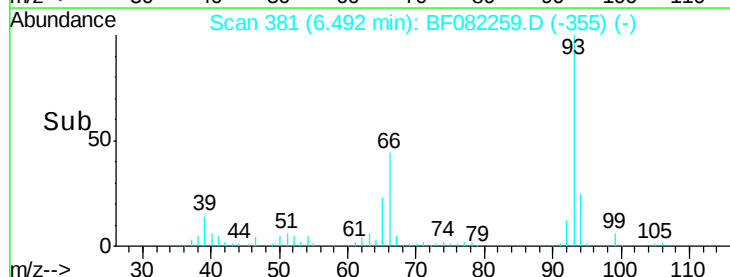
65 23.2 17.9 26.9

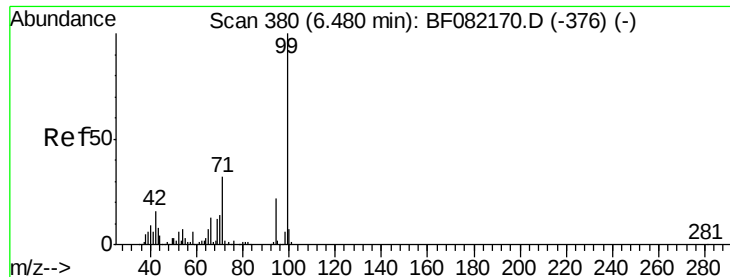


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.98 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

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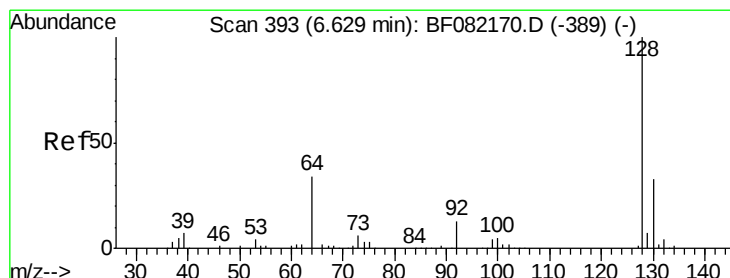
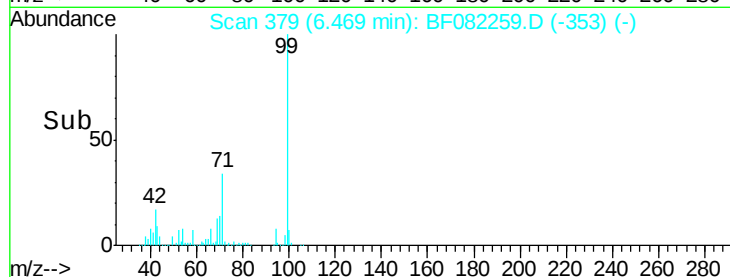
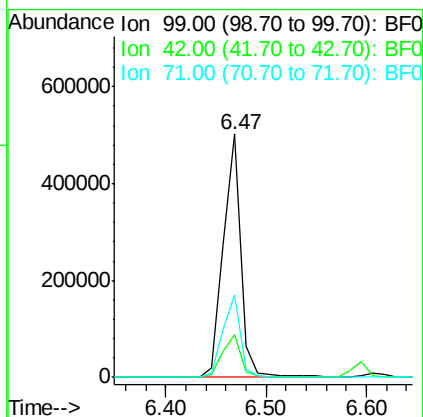
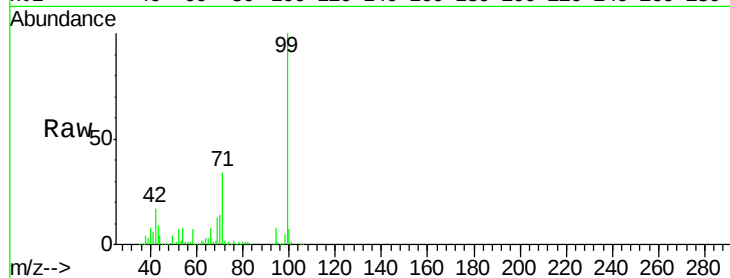
Tot Ion: 99 Resp: 610727

Ion Ratio Lower Upper

99 100

42 17.4 13.2 19.8

71 33.7 25.6 38.4



#8

2-Chlorophenol

Concen: 35.20 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

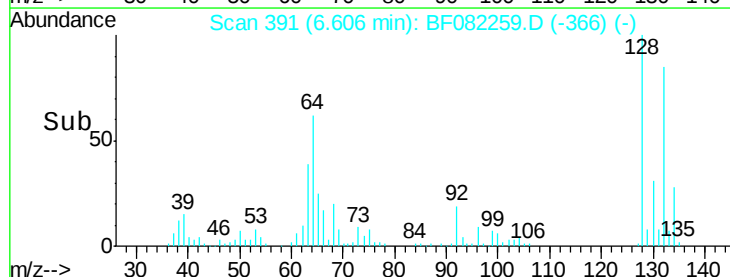
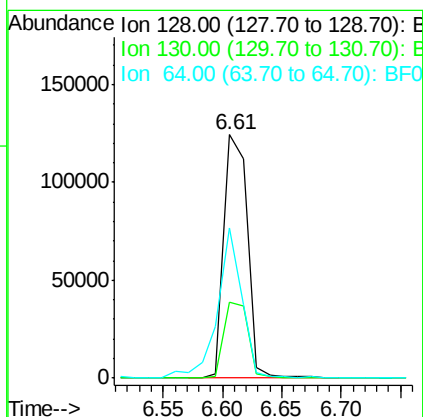
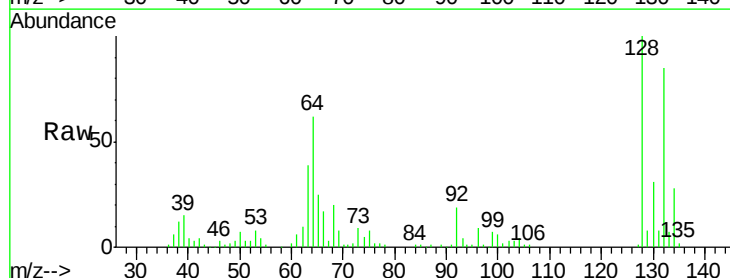
Tgt Ion: 128 Resp: 170923

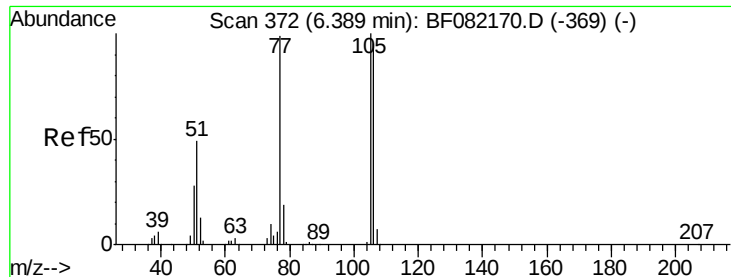
Ion Ratio Lower Upper

128 100

130 31.2 12.6 52.6

64 61.6 16.7 56.7#





#9

Benzaldehyde

Concen: 32.58 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

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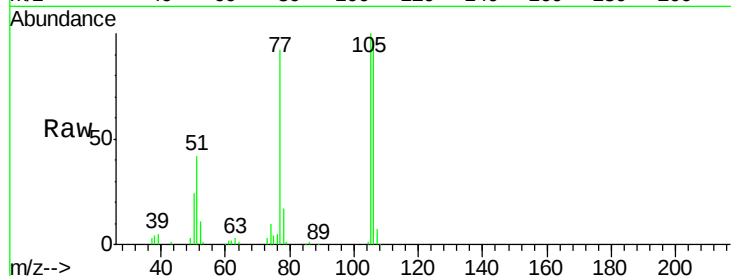
Tot Ion: 77 Resp: 86121

Ion Ratio Lower Upper

77 100

105 108.4 80.6 120.6

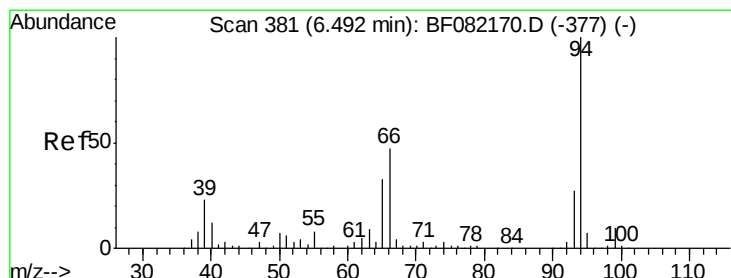
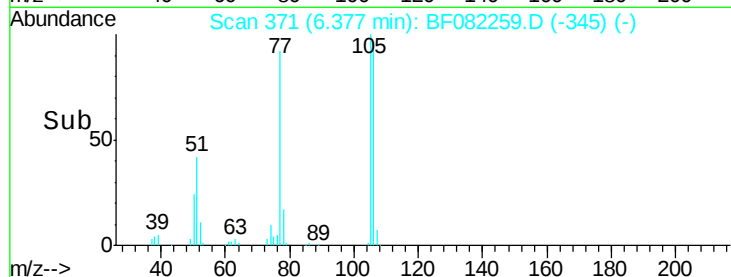
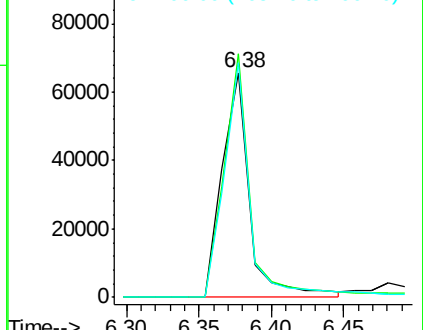
106 104.2 75.5 115.5



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: 38.90 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

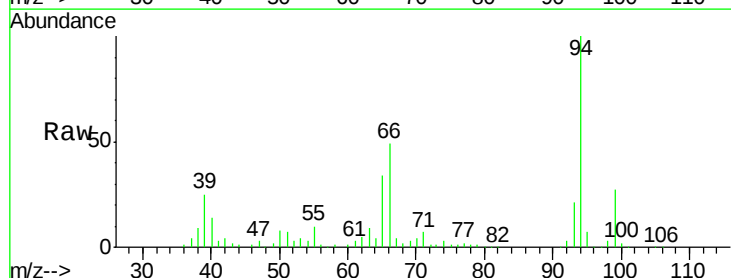
Tgt Ion: 94 Resp: 232184

Ion Ratio Lower Upper

94 100

65 33.7 12.6 52.6

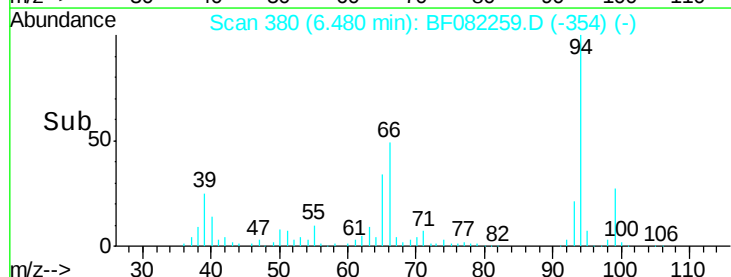
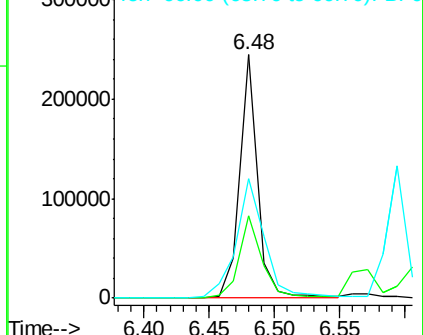
66 48.9 27.3 67.3

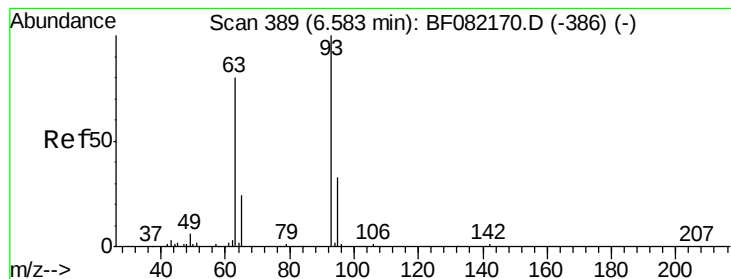


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

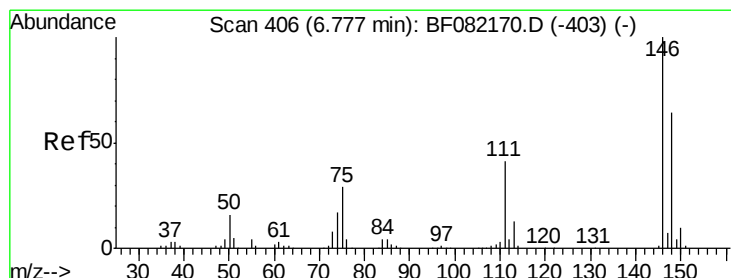
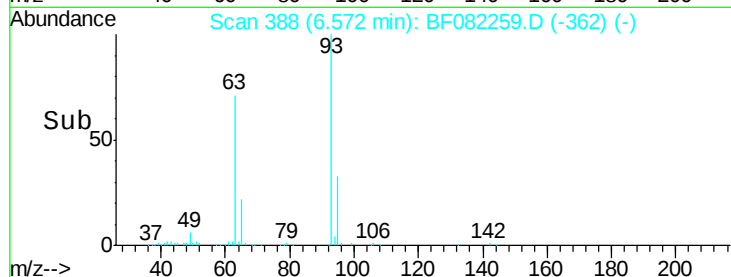
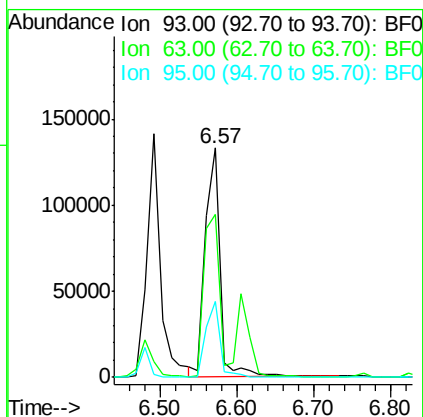
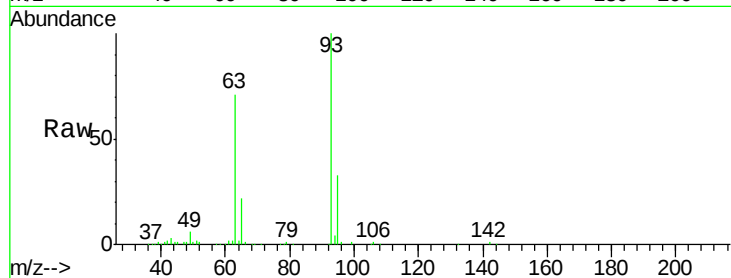




#11
bis(2-Chloroethyl)ether
Concen: 34.94 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

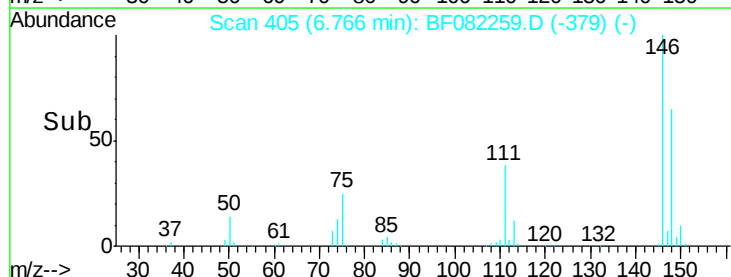
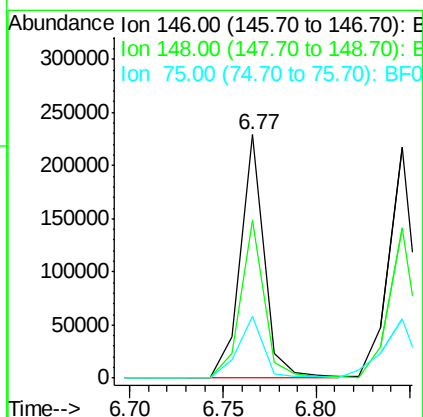
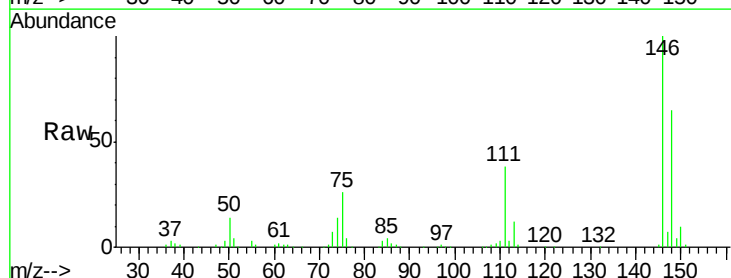
Instrument :
BNA_F
ClientSampleId :
PB86086BS

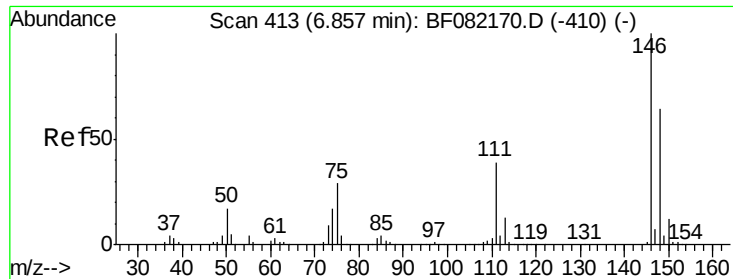
Tot Ion: 93 Resp: 176326
Ion Ratio Lower Upper
93 100
63 71.0 57.1 97.1
95 32.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 36.43 ng
RT: 6.77 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion: 146 Resp: 206042
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 25.6 23.0 34.6

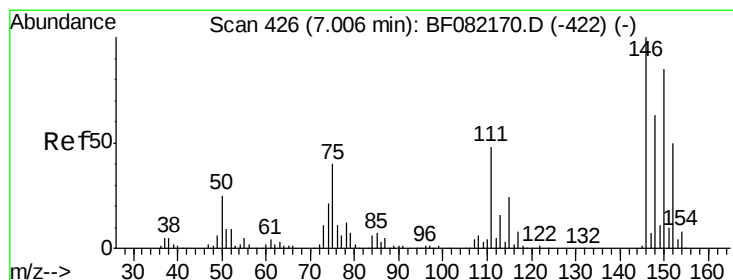
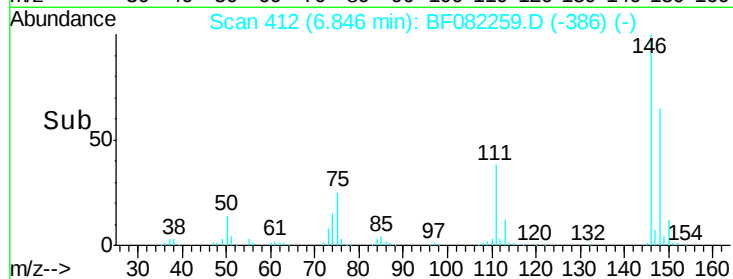
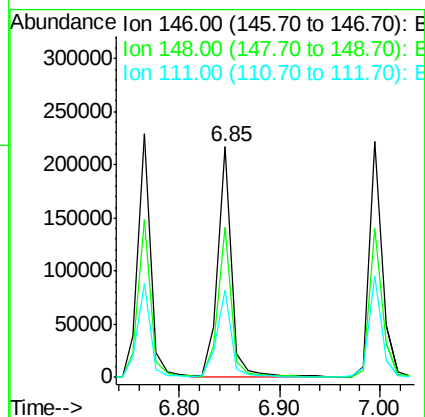
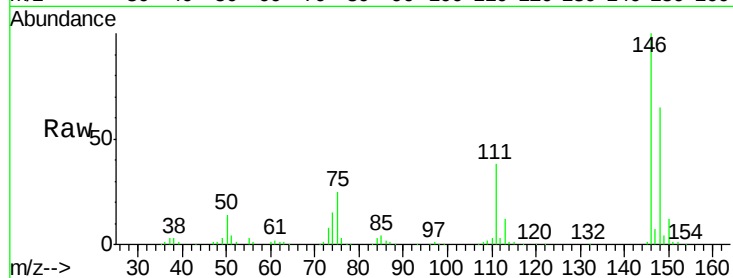




#13
 1,4-Dichlorobenzene
 Concen: 35.49 ng
 RT: 6.85 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

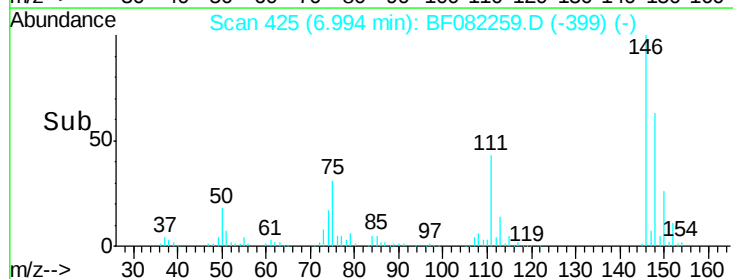
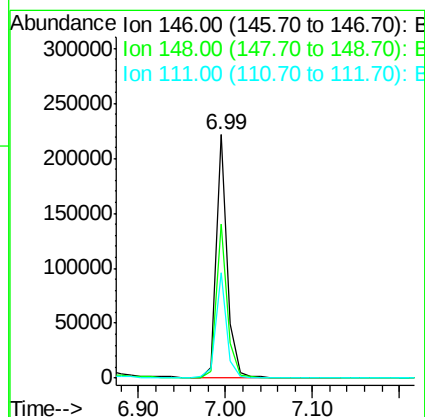
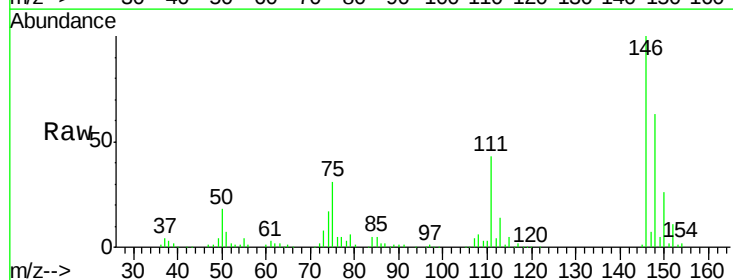
Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

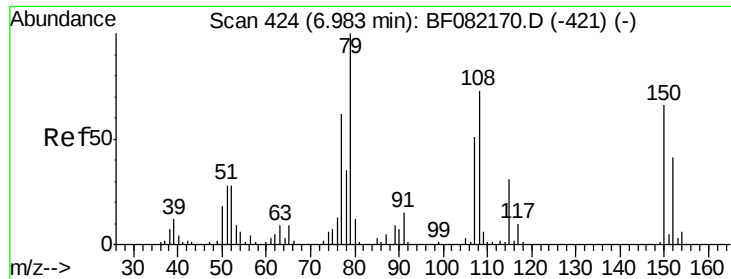
Tot Ion:146 Resp: 209596
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.4
 111 37.9 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 35.33 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion:146 Resp: 198124
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.5 75.7
 111 43.1 38.5 57.7





#15

Benzyl Alcohol

Concen: 38.05 ng

RT: 6.97 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampled :

PB86086BS

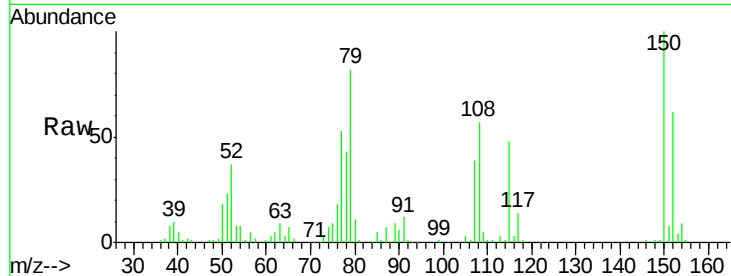
Tot Ion: 79 Resp: 135987

Ion Ratio Lower Upper

79 100

108 70.2 58.4 87.6

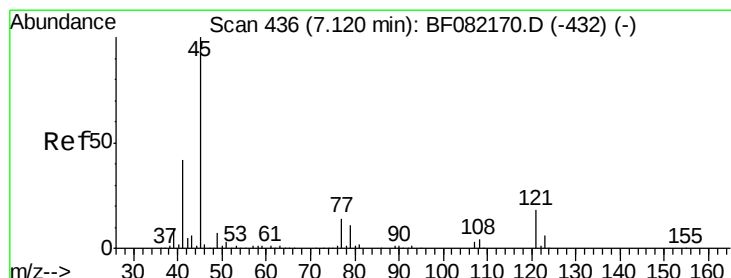
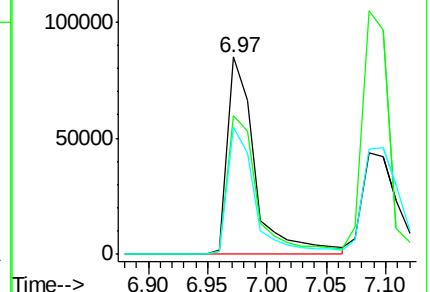
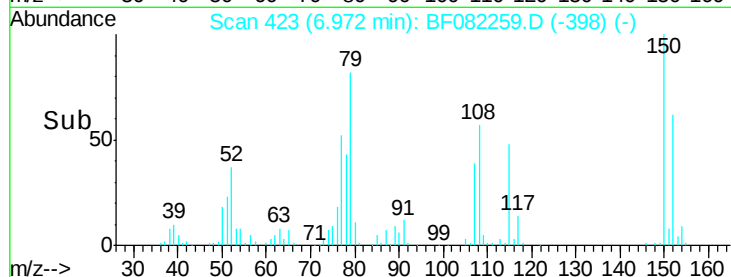
77 64.7 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.75 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

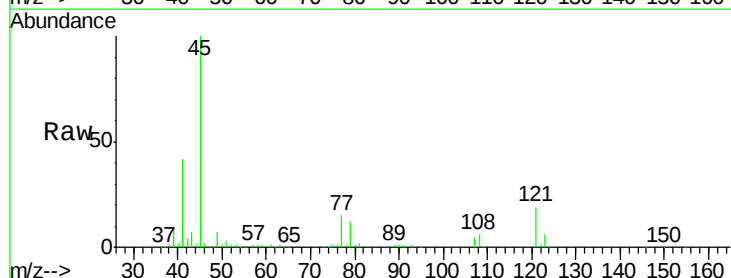
Tgt Ion: 45 Resp: 244249

Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.5

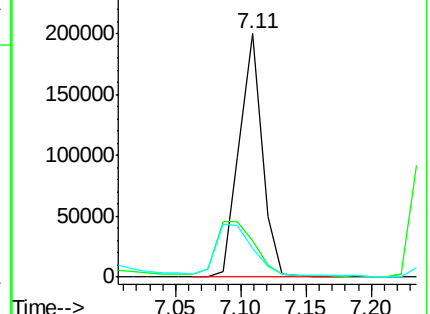
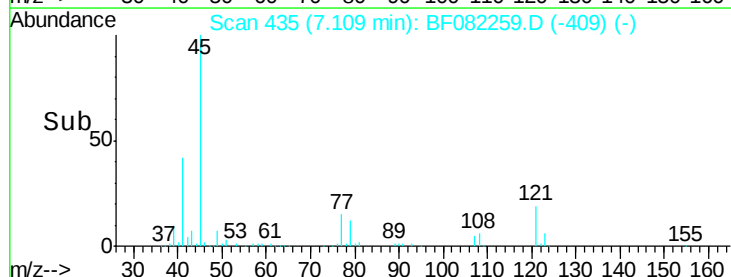
79 11.8 0.0 31.6

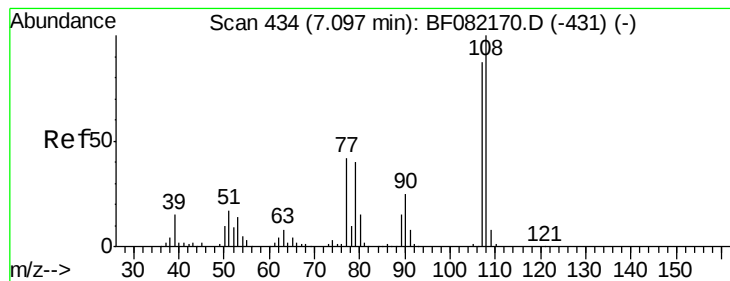


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

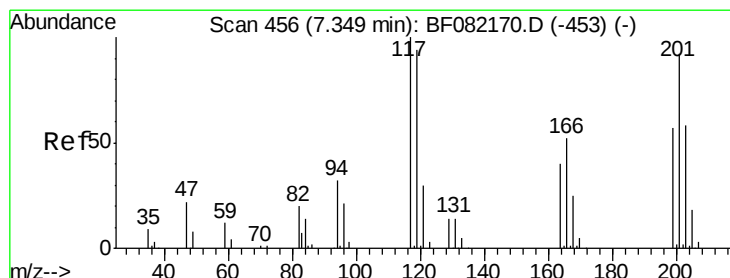
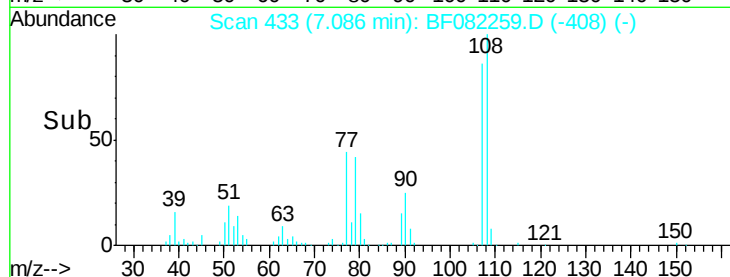
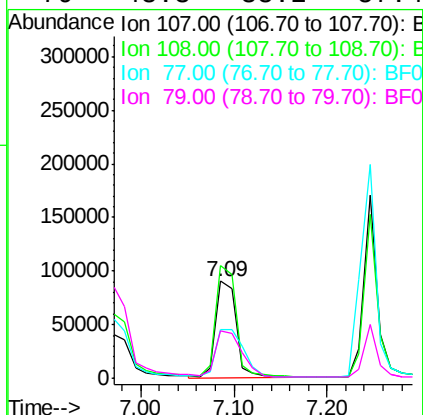
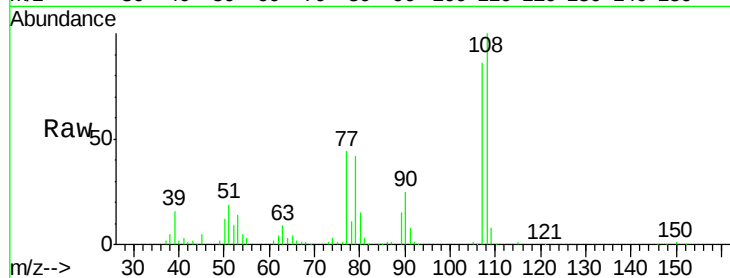




#17
2-Methylphenol
Concen: 36.40 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

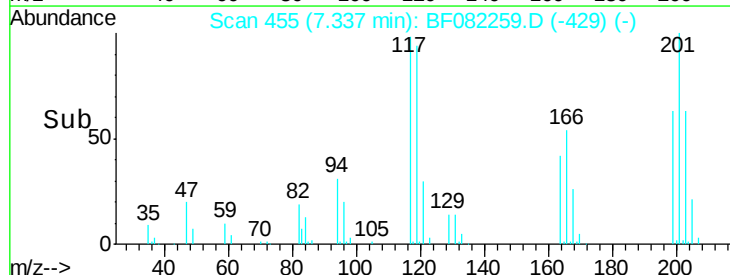
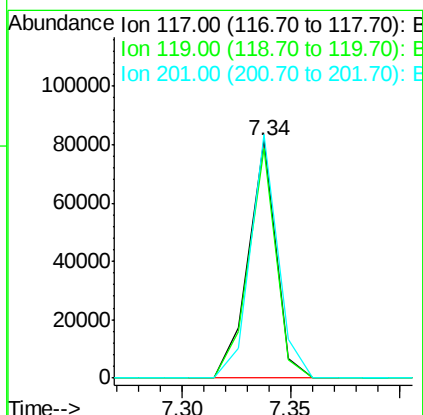
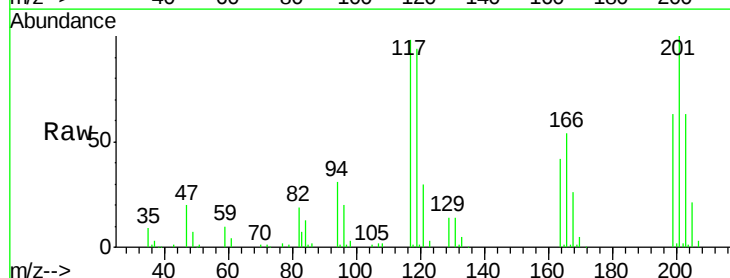
Instrument :
BNA_F
ClientSampleId :
PB86086BS

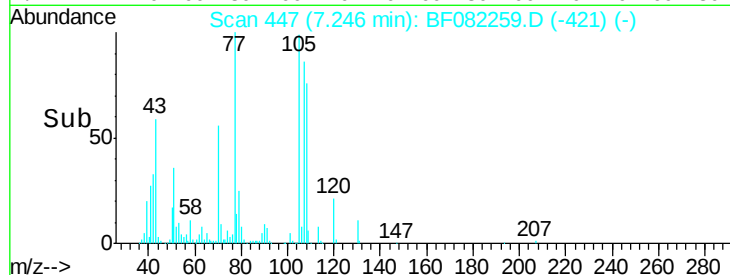
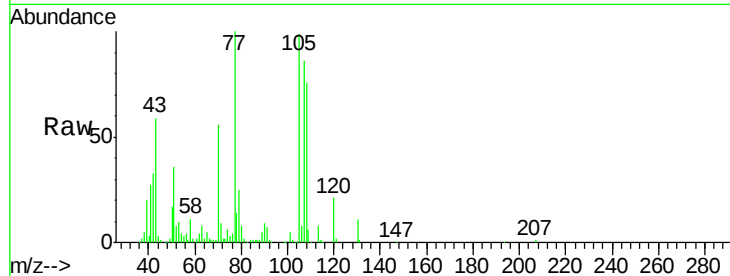
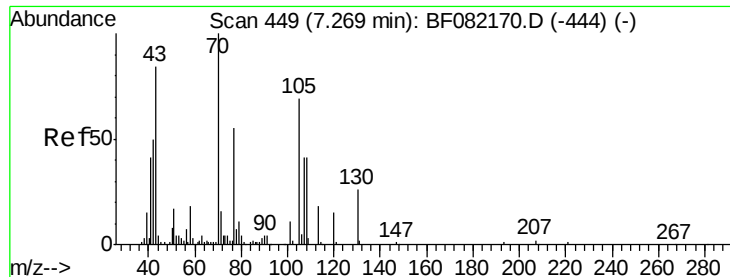
Tot Ion:	107	Resp:	139758
Ion	Ratio	Lower	Upper
107	100		
108	115.6	92.2	138.2
77	50.3	39.6	59.4
79	48.3	38.2	57.4



#18
Hexachloroethane
Concen: 35.83 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:	117	Resp:	72427
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.4	113.2
201	102.3	73.4	110.0

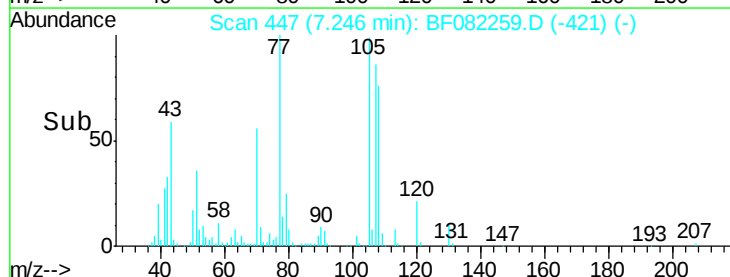
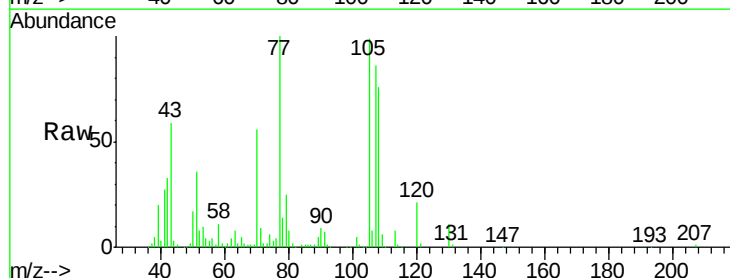
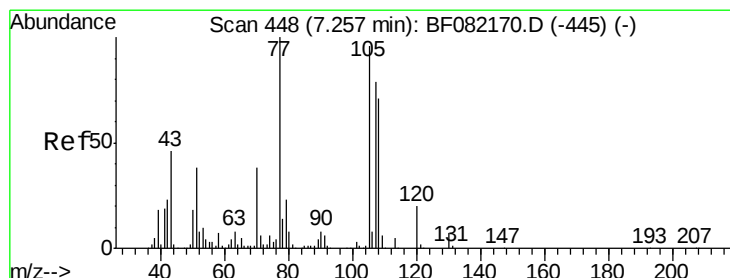
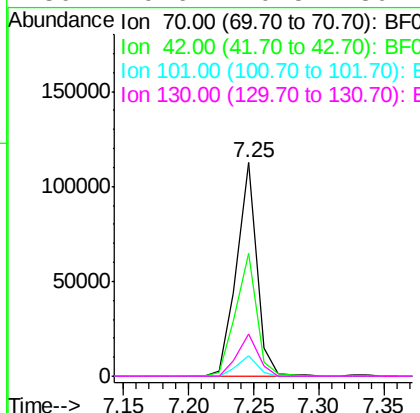




#19
n-Nitroso-di-n-propylamine
Concen: 33.40 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

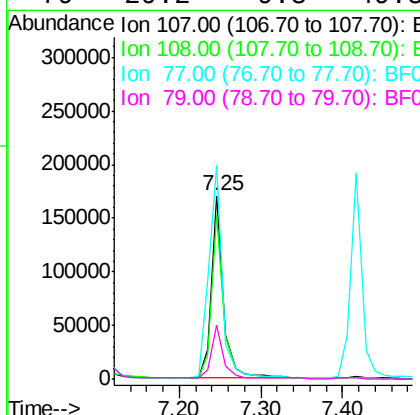
Instrument :
BNA_F
ClientSampleId :
PB86086BS

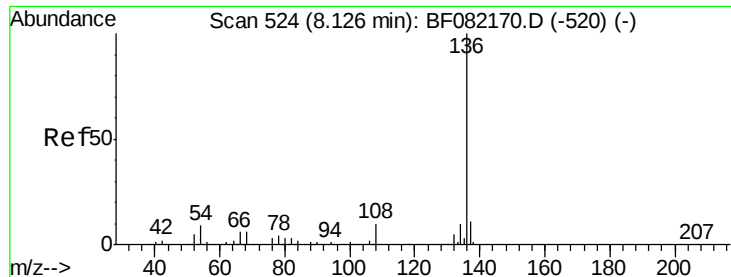
Tot Ion: 70 Resp: 121413
Ion Ratio Lower Upper
70 100
42 57.8 39.8 59.8
101 9.3 8.6 13.0
130 19.6 20.5 30.7#



#20
3+4-Methylphenols
Concen: 38.87 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion: 107 Resp: 177861
Ion Ratio Lower Upper
107 100
108 88.9 69.9 109.9
77 116.3 106.0 146.0
79 29.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

Tot Ion:136 Resp: 319672

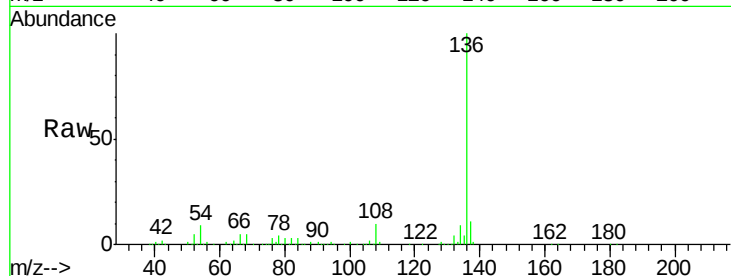
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.7 7.5 11.3

68 5.5 4.6 7.0

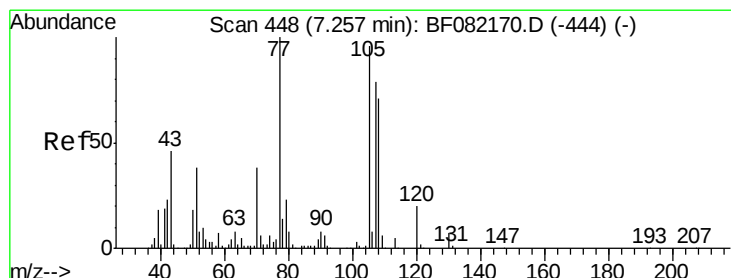
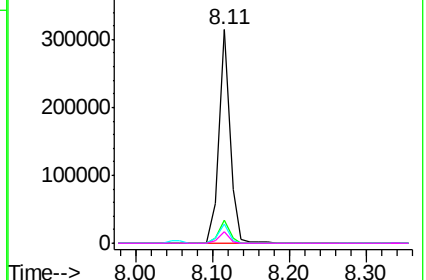
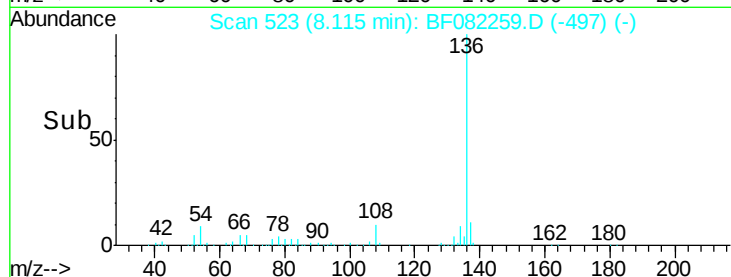


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.94 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:105 Resp: 246215

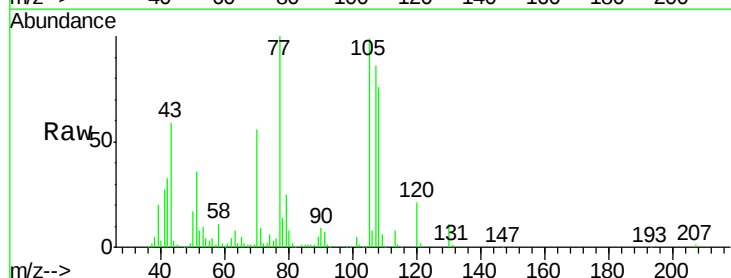
Ion Ratio Lower Upper

105 100

71 9.3 5.4 8.0#

51 36.3 31.8 47.6

120 20.8 16.3 24.5

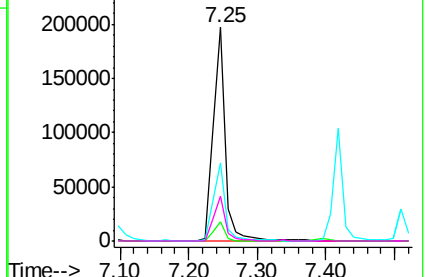
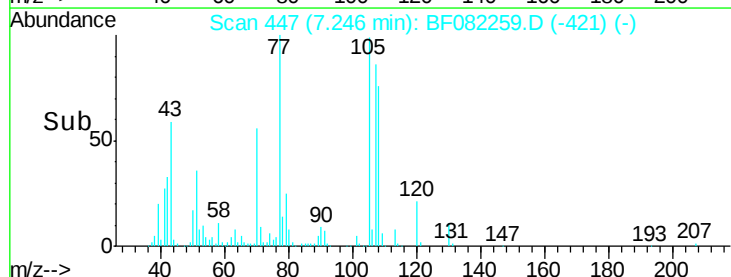


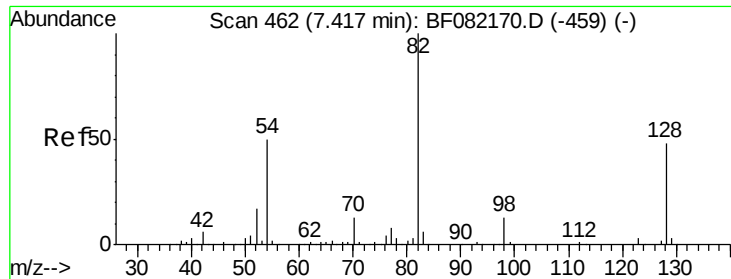
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

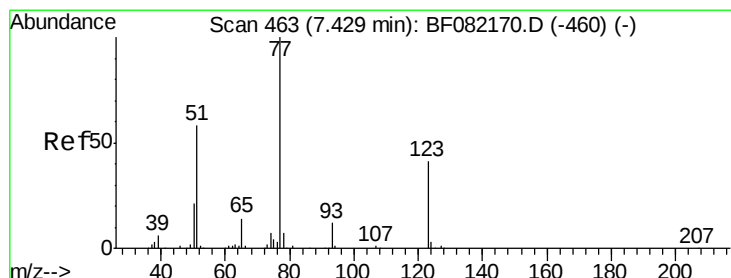
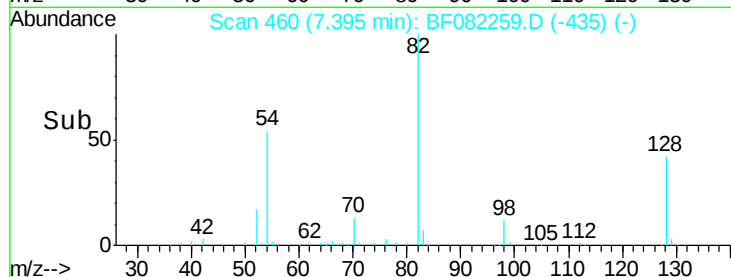
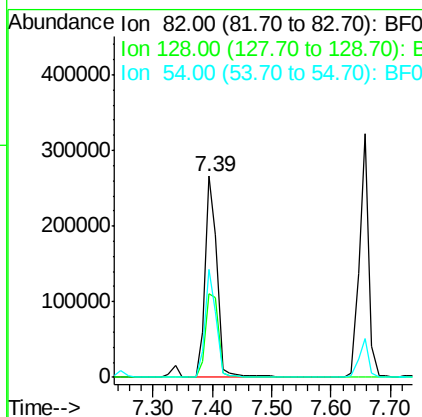
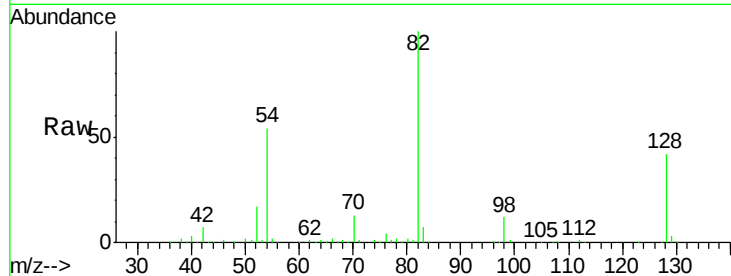




#23
 Nitrobenzene-d5
 Concen: 79.34 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

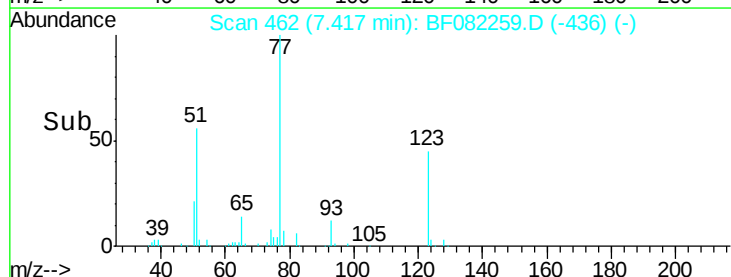
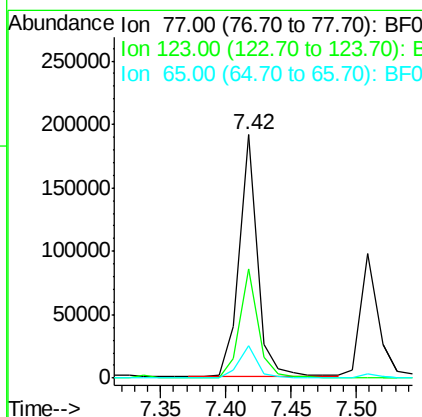
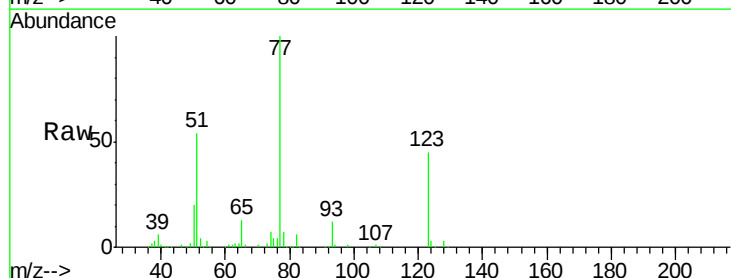
Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

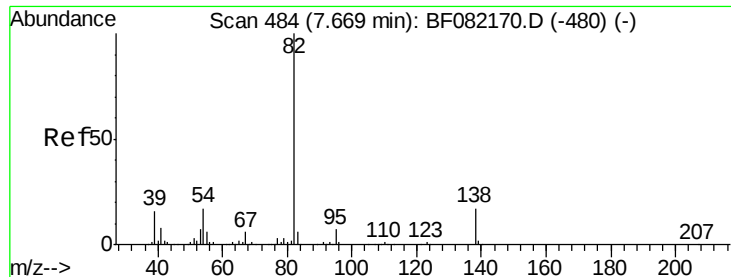
Tot Ion: 82 Resp: 377672
 Ion Ratio Lower Upper
 82 100
 128 41.6 38.7 58.1
 54 53.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 36.06 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion: 77 Resp: 185783
 Ion Ratio Lower Upper
 77 100
 123 45.0 33.0 49.4
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 36.25 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

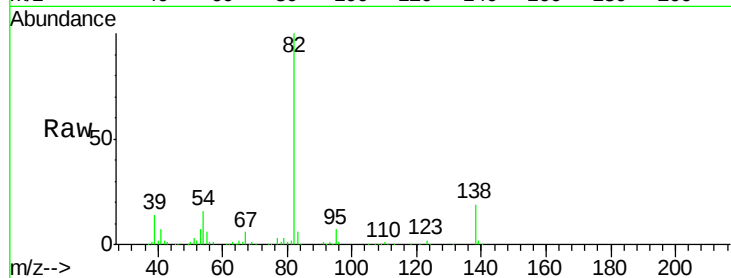
Tot Ion: 82 Resp: 348310

Ion Ratio Lower Upper

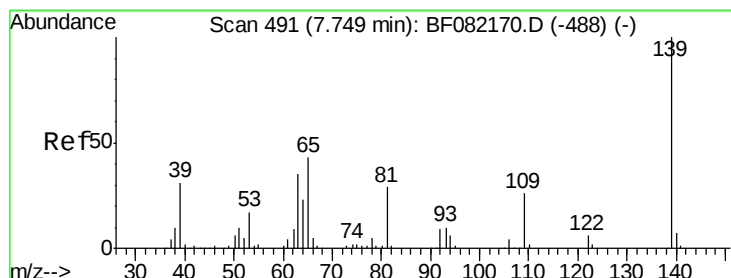
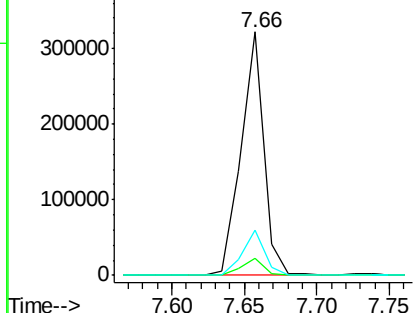
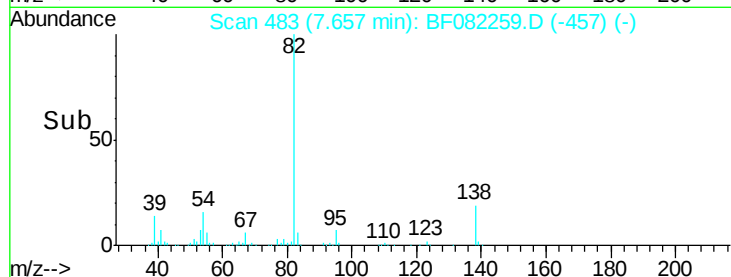
82 100

95 7.0 5.6 8.4

138 18.7 13.6 20.4



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



#26

2-Nitrophenol

Concen: 39.39 ng

RT: 7.74 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

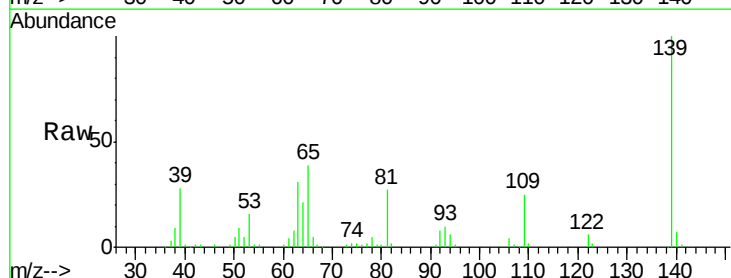
Tgt Ion: 139 Resp: 101338

Ion Ratio Lower Upper

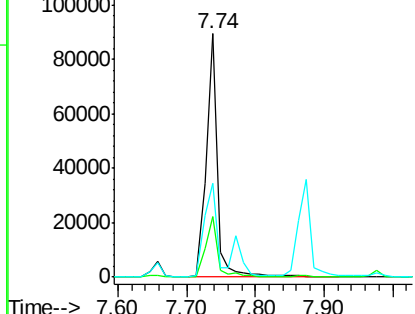
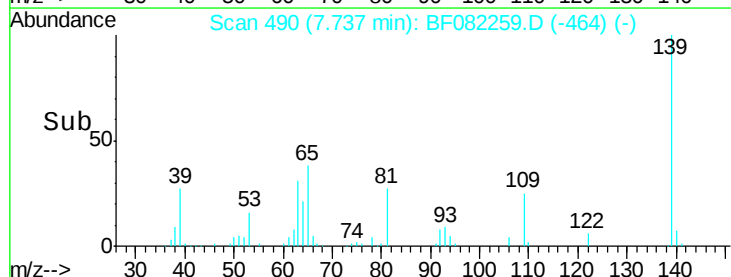
139 100

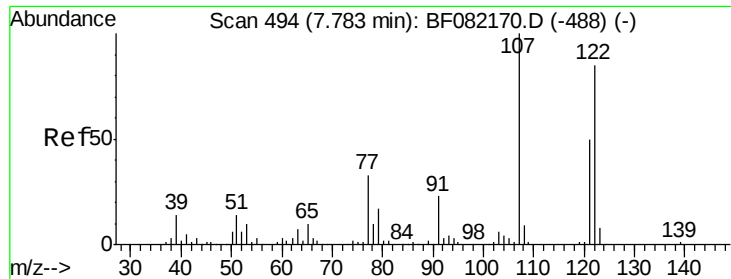
109 24.7 20.6 31.0

65 38.7 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 37.58 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampled :

PB86086BS

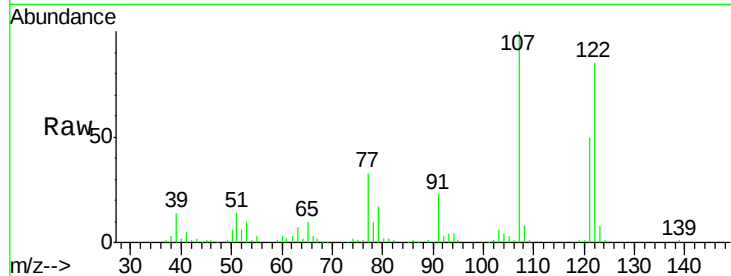
Tot Ion:122 Resp: 155771

Ion Ratio Lower Upper

122 100

107 117.4 94.0 141.0

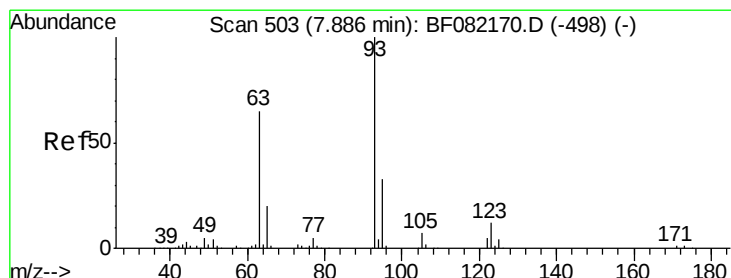
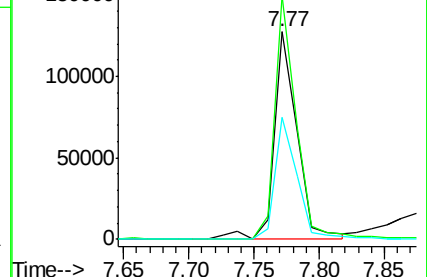
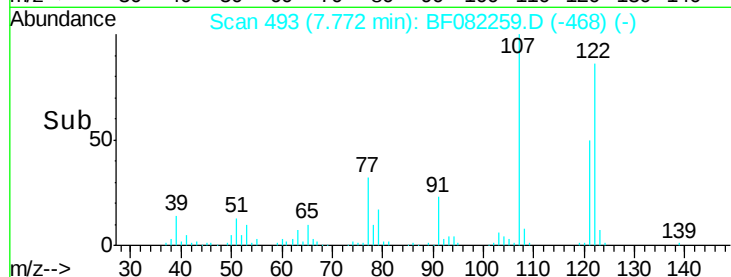
121 58.8 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.85 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

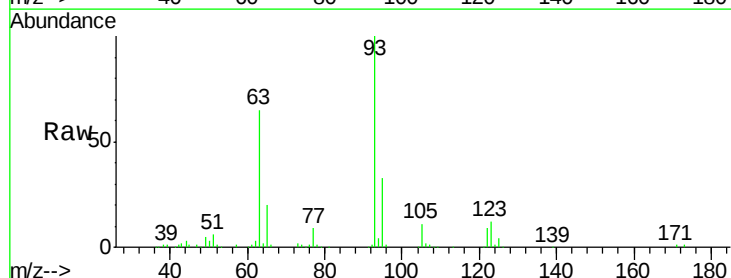
Tgt Ion: 93 Resp: 211599

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

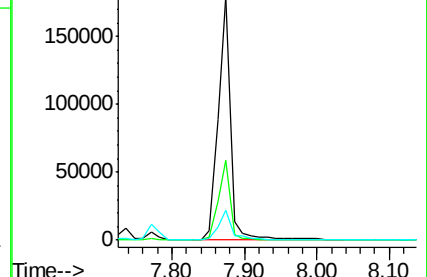
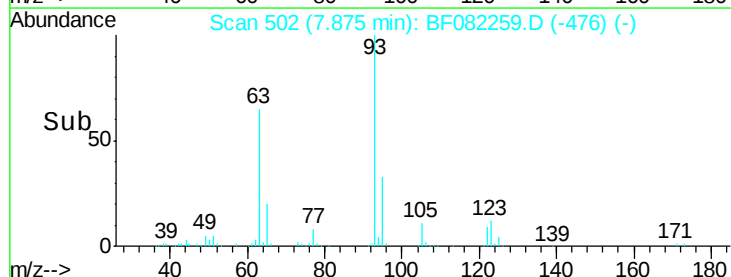
123 12.2 9.5 14.3

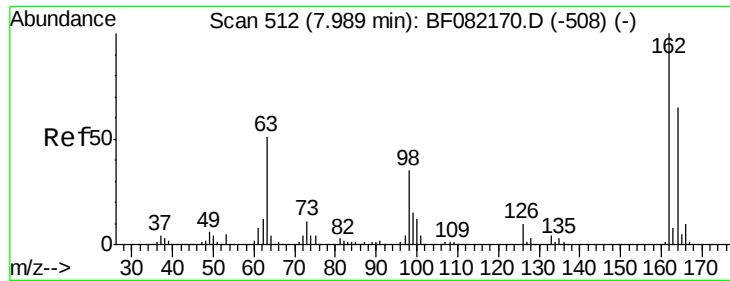


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

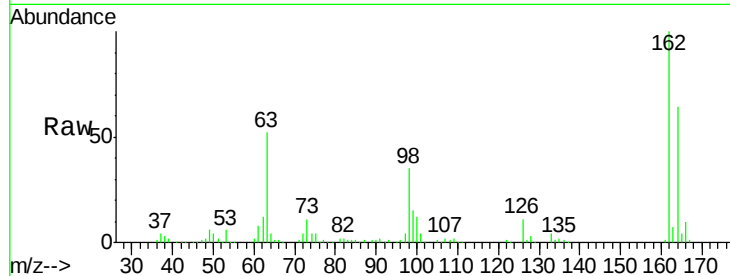




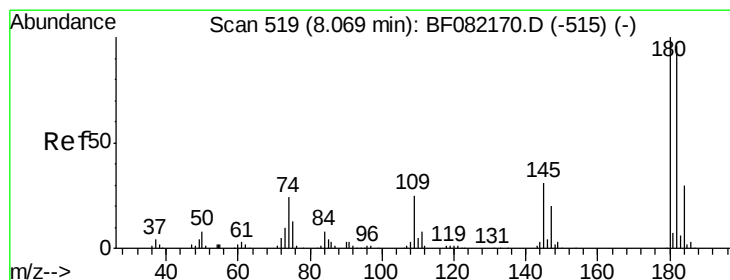
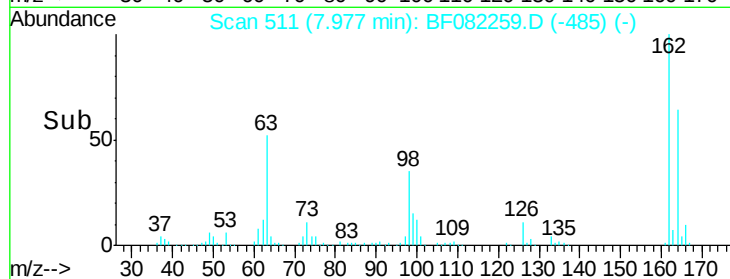
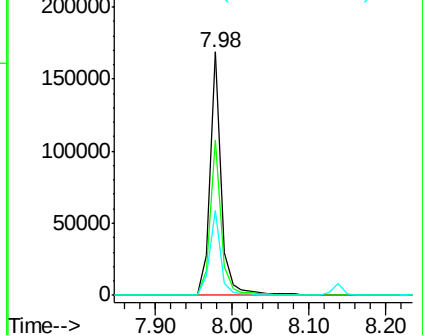
#29
 2,4-Dichlorophenol
 Concen: 40.87 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion:162 Resp: 169333
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.6 84.6
 98 34.6 15.0 55.0

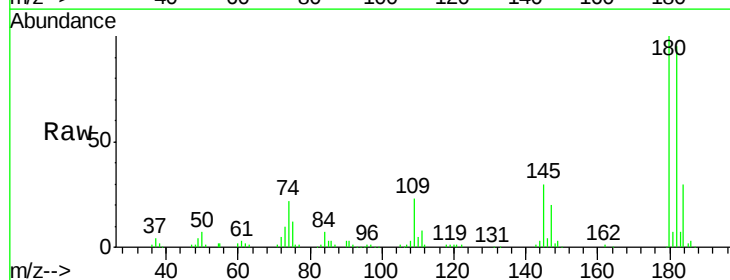


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

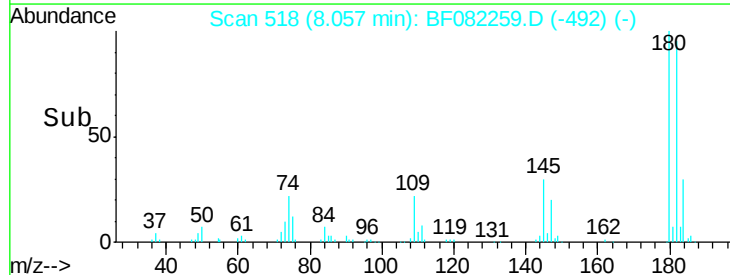
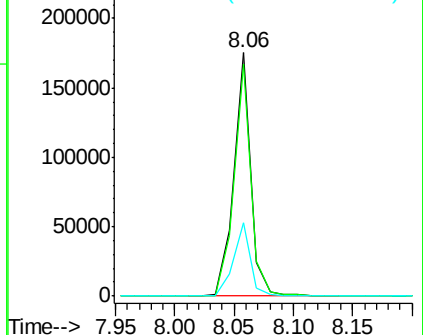


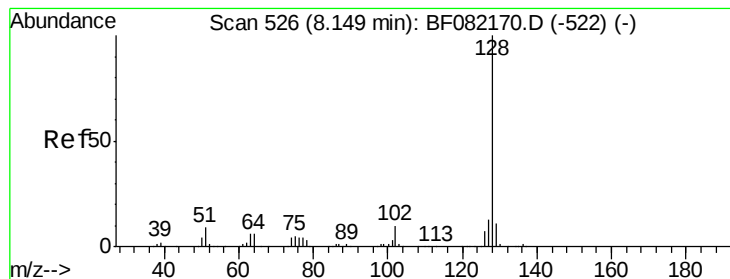
#30
 1,2,4-Trichlorobenzene
 Concen: 36.46 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion:180 Resp: 174132
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.0 115.4
 145 30.2 25.0 37.4



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





#31

Naphthalene

Concen: 37.08 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

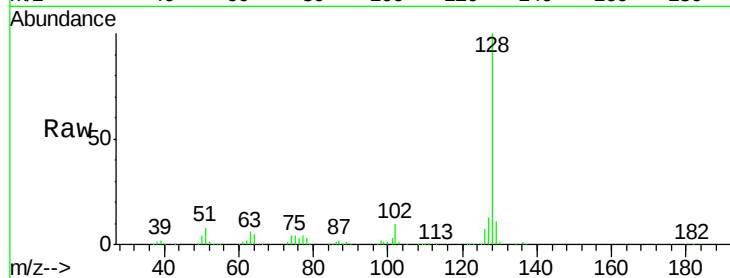
Tot Ion:128 Resp: 513773

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

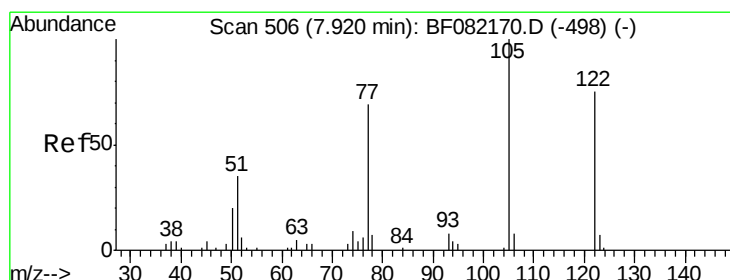
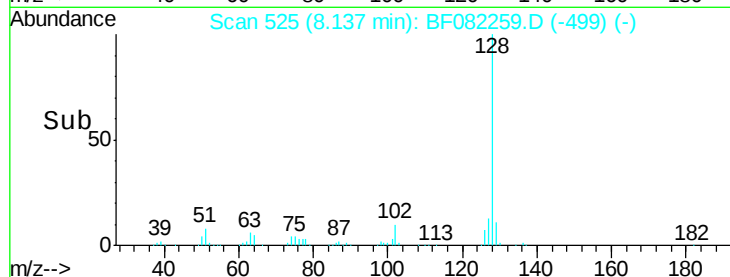
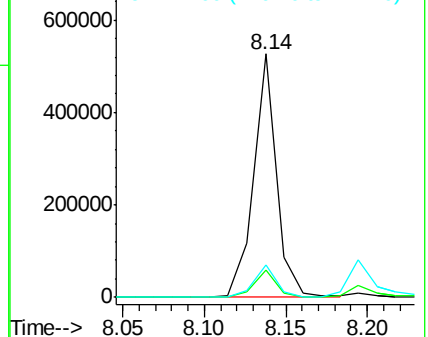
127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.38 ng

RT: 7.90 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

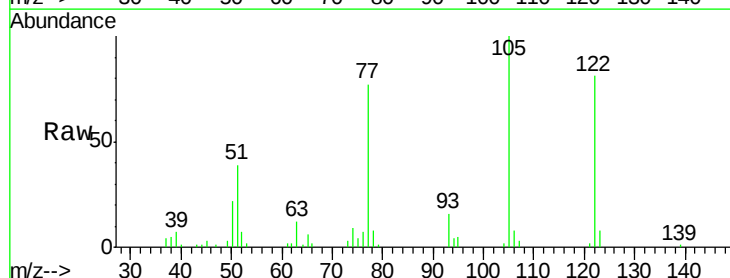
Tgt Ion:122 Resp: 81723

Ion Ratio Lower Upper

122 100

105 123.5 104.4 144.4

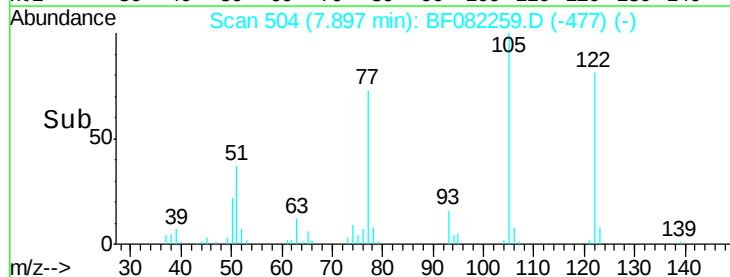
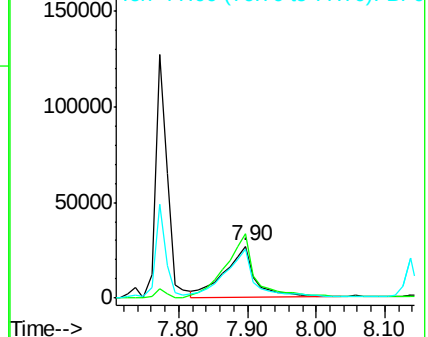
77 94.7 69.0 109.0

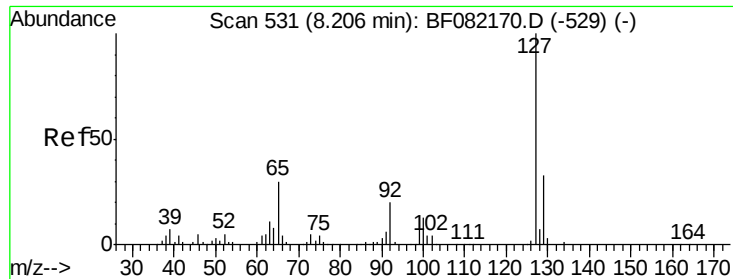


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

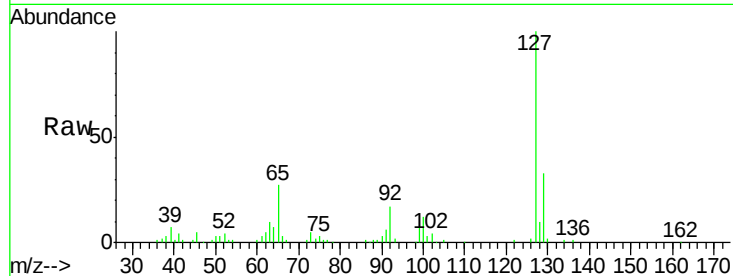




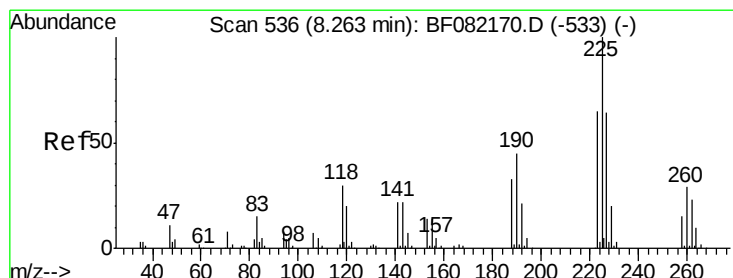
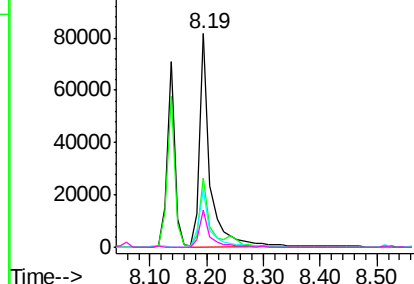
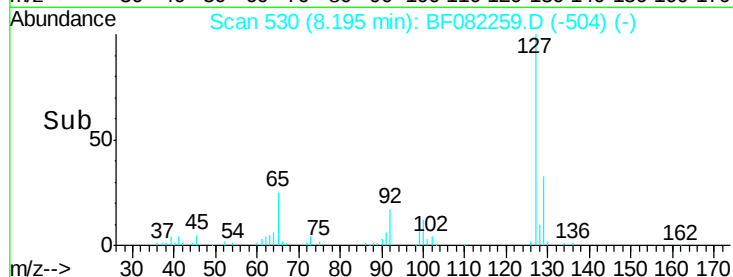
#33
4-Chloroaniline
Concen: 18.07 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion:	127	Resp:	104012
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	27.3	24.4	36.6
92	17.3	15.7	23.5

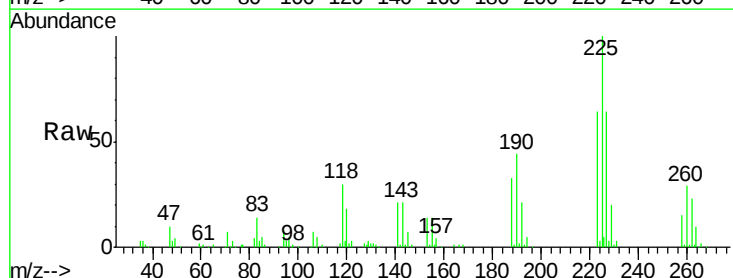


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

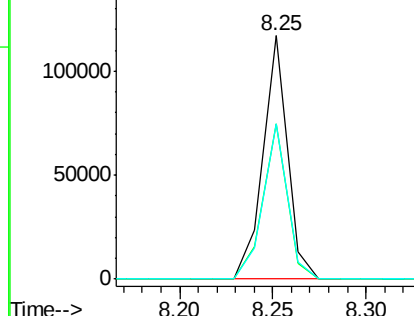
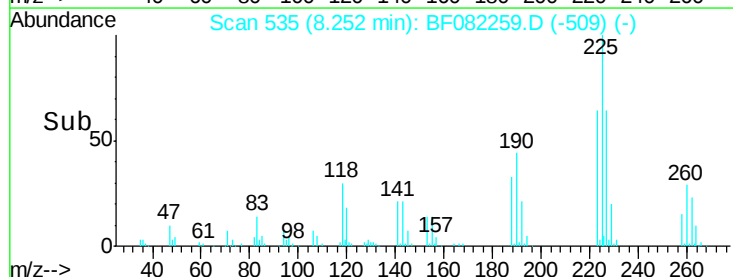


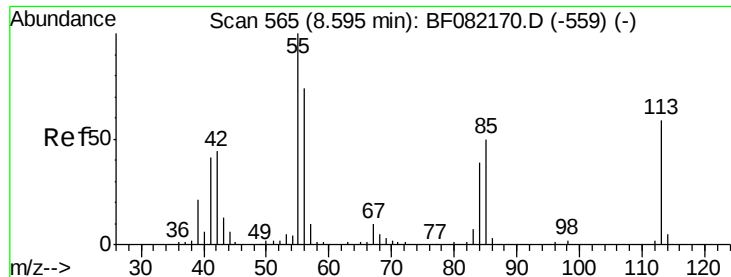
#34
Hexachlorobutadiene
Concen: 35.59 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:	225	Resp:	105913
Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.2
227	64.0	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

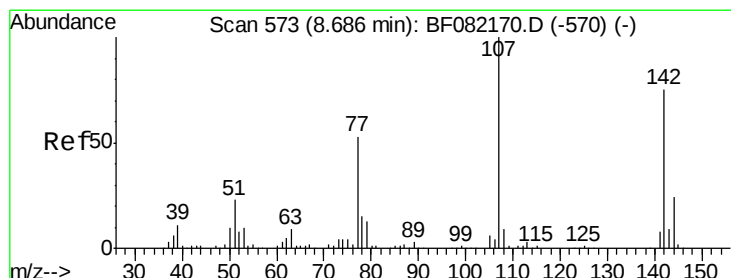
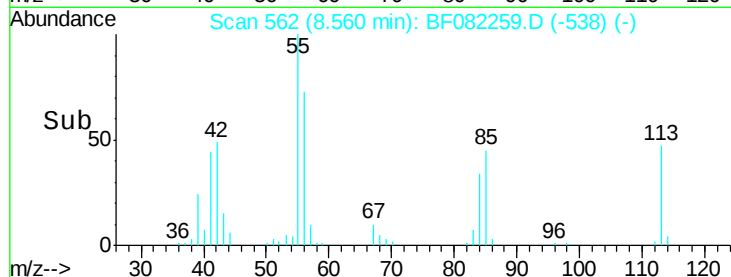
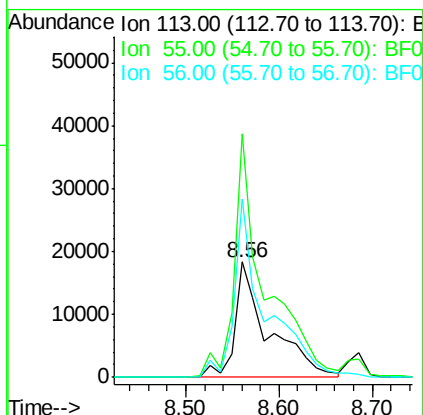
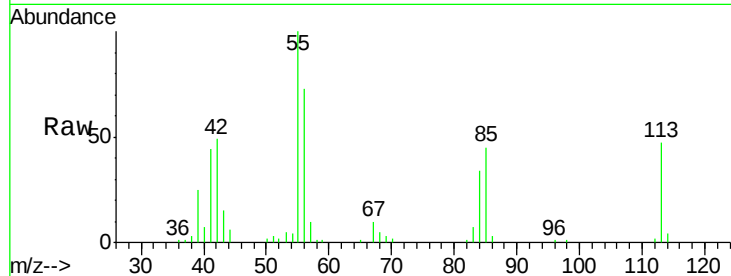




#35
 Caprolactam
 Concen: 38.39 ng
 RT: 8.56 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

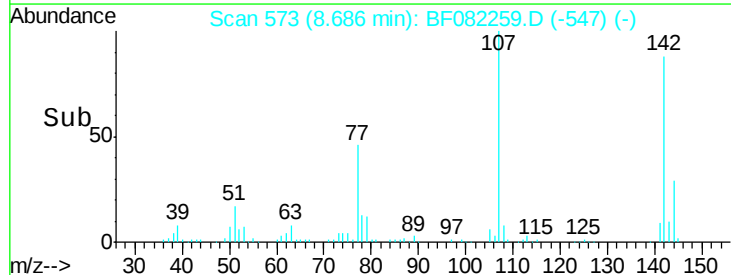
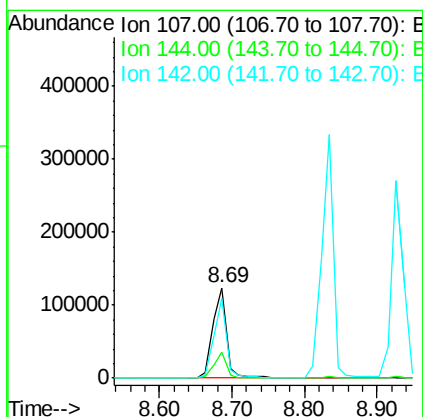
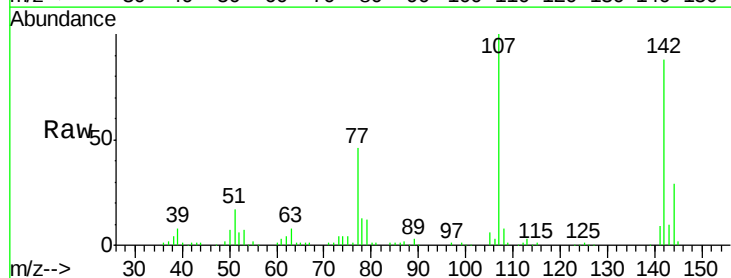
Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

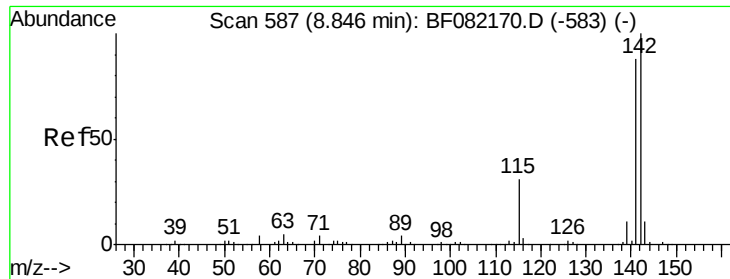
Tot Ion:113 Resp: 46166
 Ion Ratio Lower Upper
 113 100
 55 211.1 149.7 189.7#
 56 154.8 105.4 145.4#



#36
 4-Chloro-3-methylphenol
 Concen: 41.08 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion:107 Resp: 166474
 Ion Ratio Lower Upper
 107 100
 144 28.6 19.3 28.9
 142 87.6 59.9 89.9

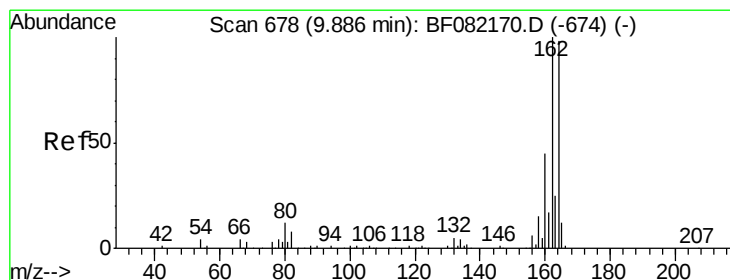
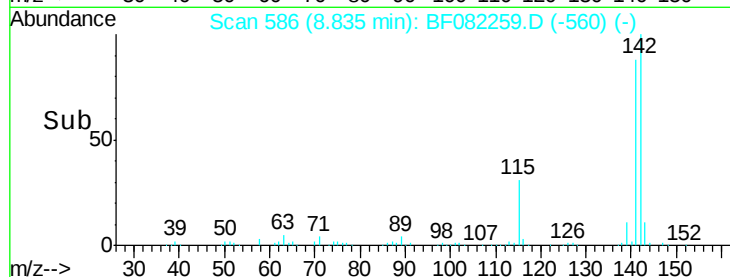
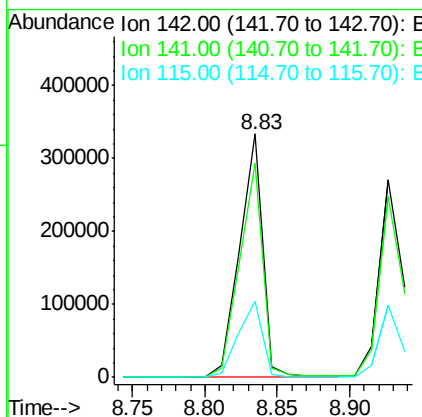
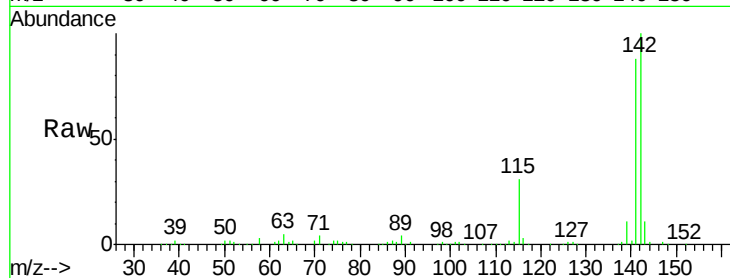




#37
2-Methylnaphthalene
Concen: 38.52 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

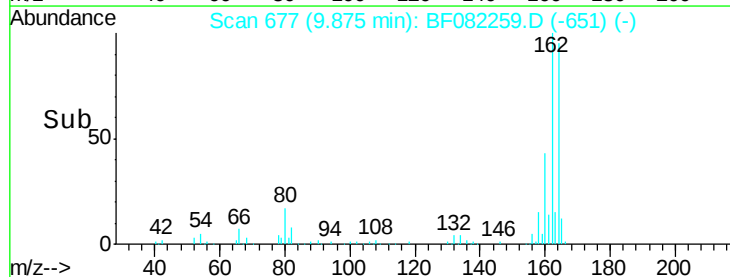
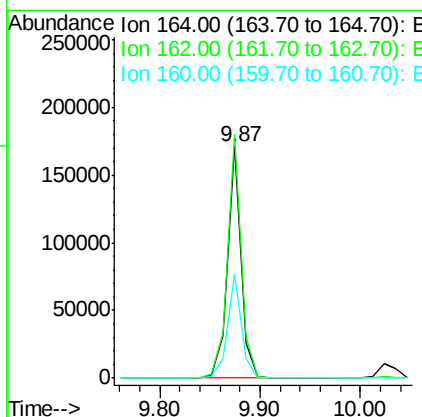
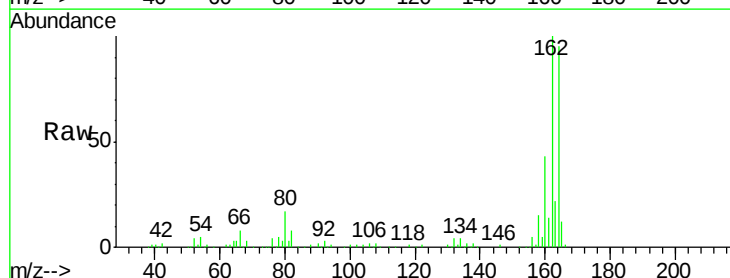
Instrument :
BNA_F
ClientSampleId :
PB86086BS

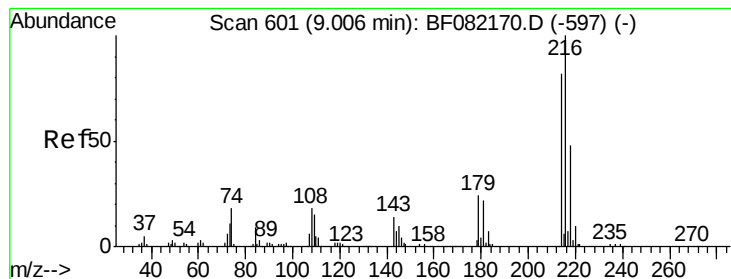
Tot Ion:142 Resp: 370066
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 31.0 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:164 Resp: 160870
Ion Ratio Lower Upper
164 100
162 104.9 81.6 122.4
160 44.9 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.35 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

Tot Ion:216 Resp: 169140

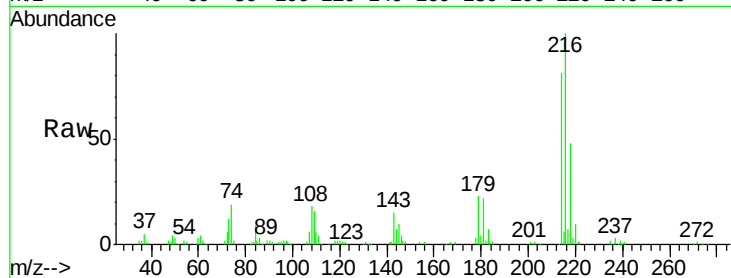
Ion Ratio Lower Upper

216 100

214 80.0 64.6 97.0

179 21.2 17.6 26.4

108 19.2 14.5 21.7

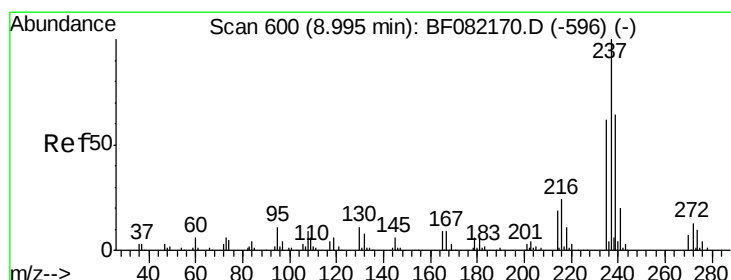
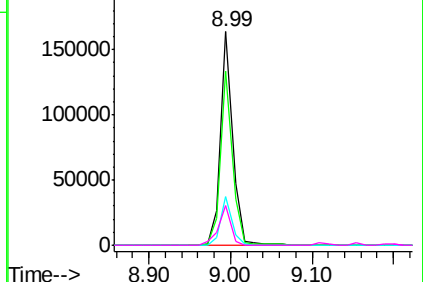
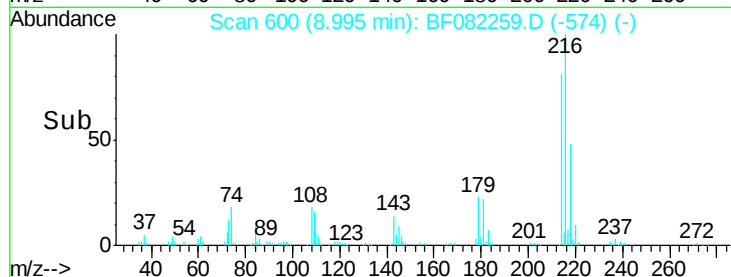


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.00 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

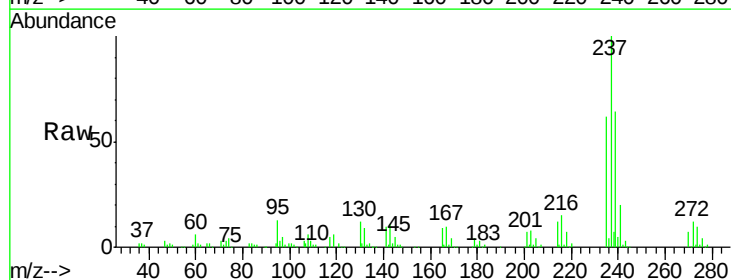
Tgt Ion:237 Resp: 169380

Ion Ratio Lower Upper

237 100

235 62.1 41.7 81.7

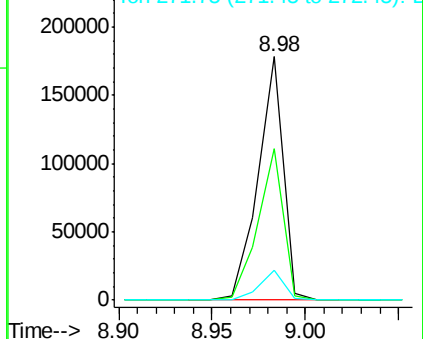
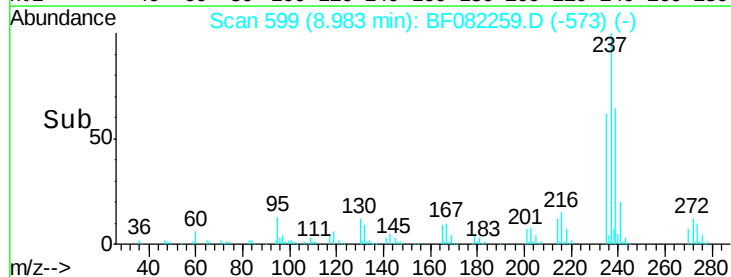
272 12.3 0.0 32.8

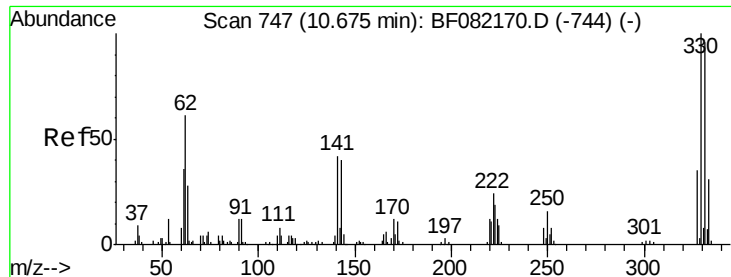


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

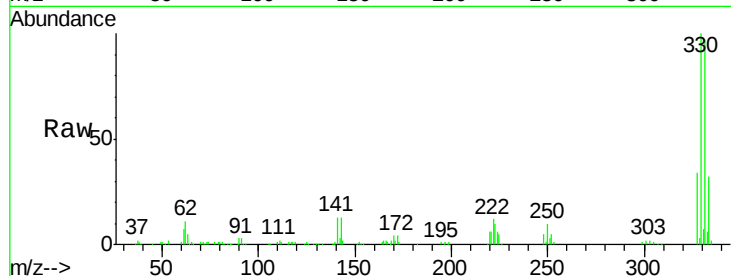




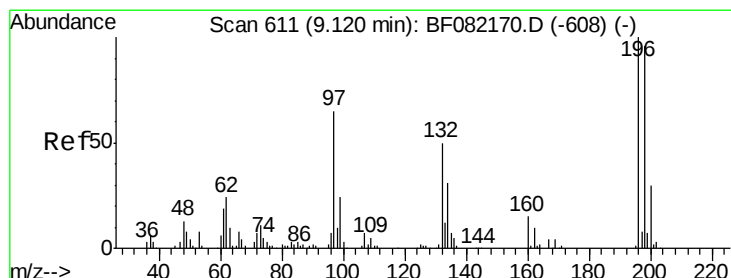
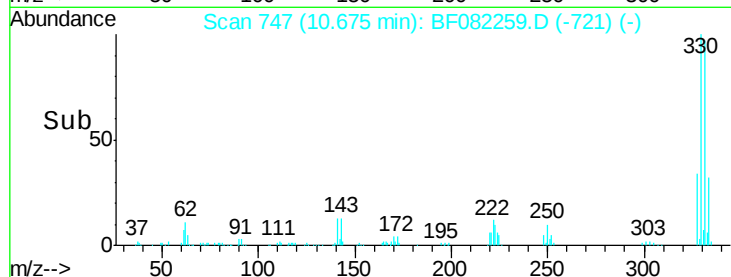
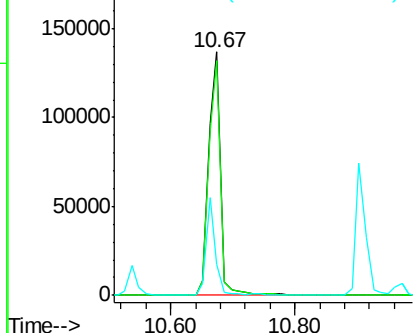
#41
 2,4,6-Tribromophenol
 Concen: 119.20 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion:330 Resp: 179827
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 32.1 29.8 44.8

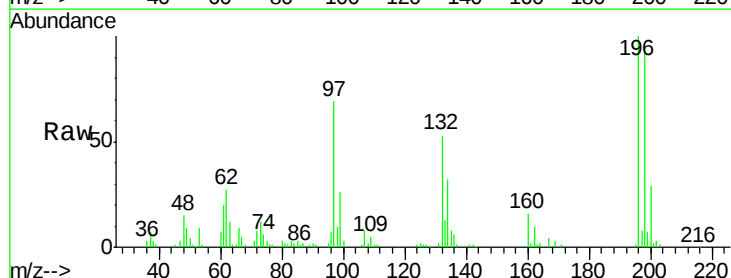


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

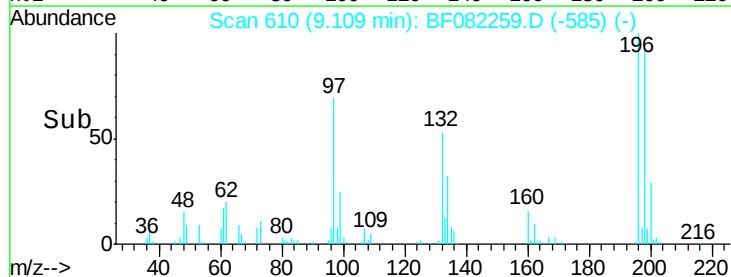
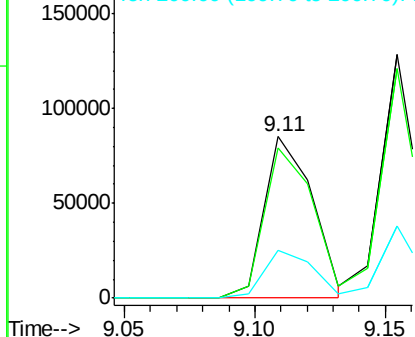


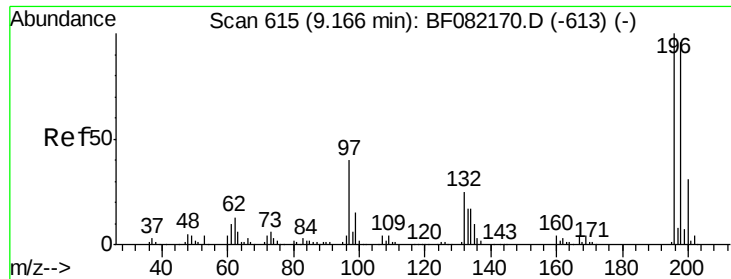
#42
 2,4,6-Trichlorophenol
 Concen: 34.50 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion:196 Resp: 109637
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.6 115.0
 200 29.3 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

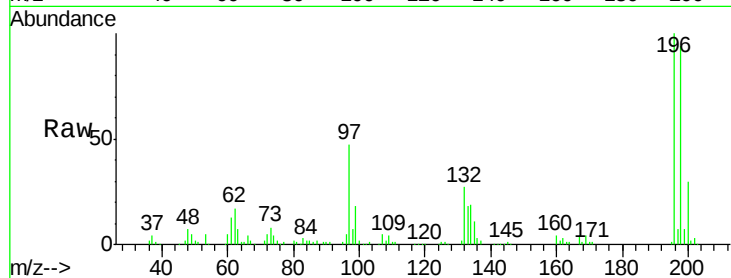




#43
 2,4,5-Trichlorophenol
 Concen: 39.49 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.0	115.4
97	46.9	31.9	47.9
132	27.1	20.3	30.5



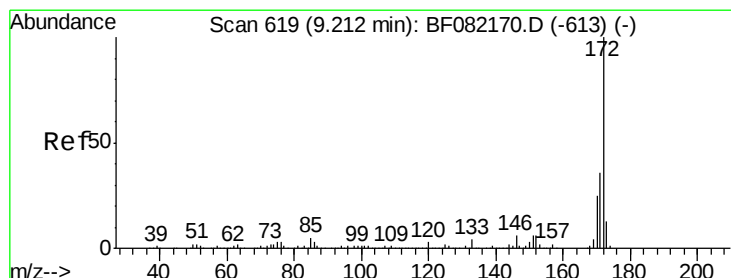
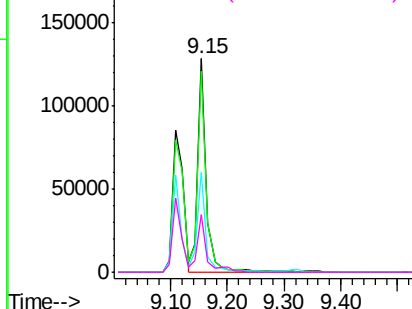
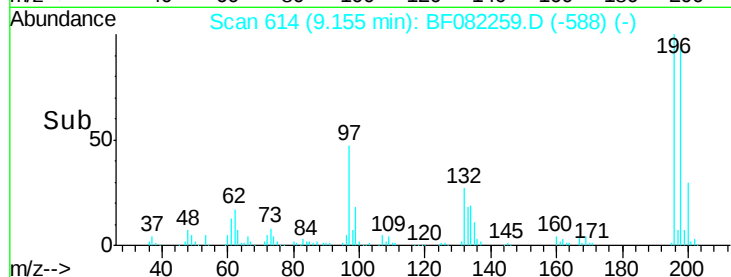
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

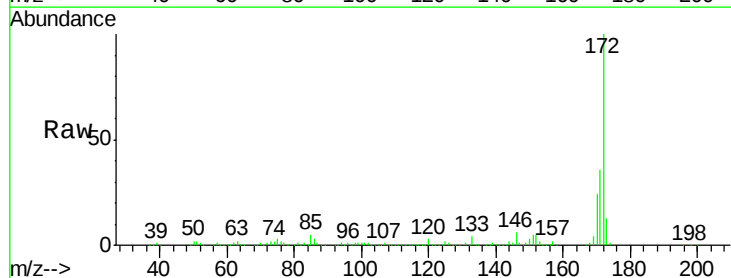
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.33 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.1	19.7	29.5

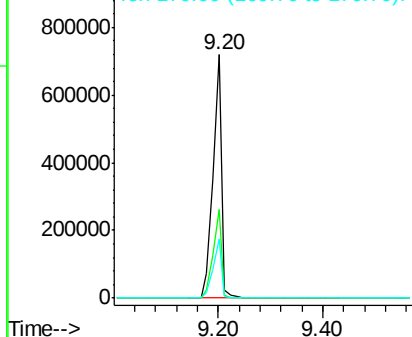
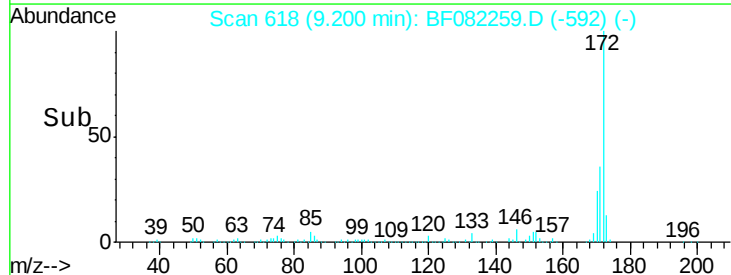


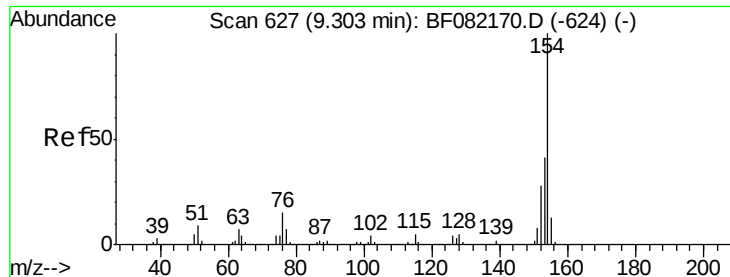
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

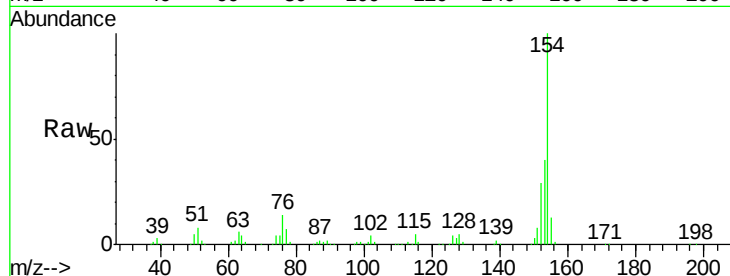




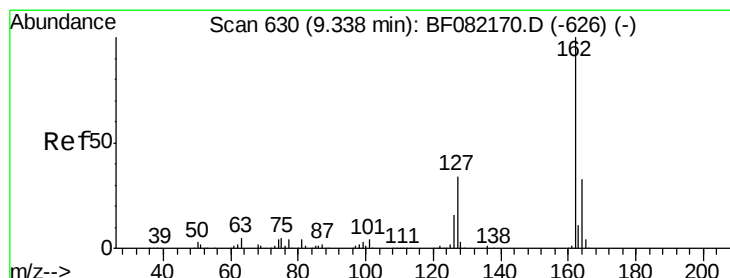
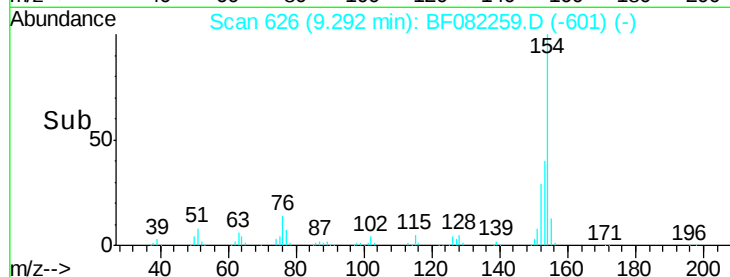
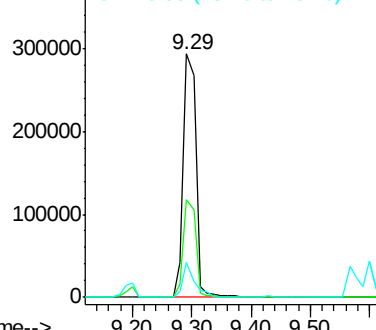
#45
 1,1'-Biphenyl
 Concen: 35.60 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	14.3	0.0	35.2

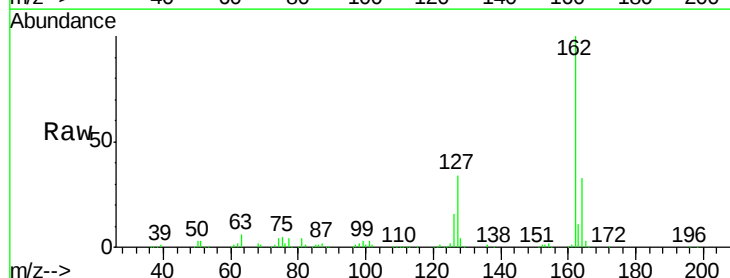


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

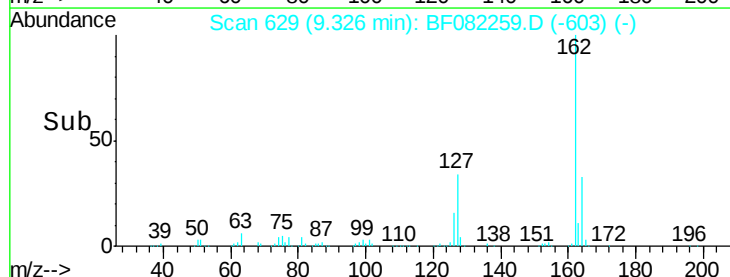
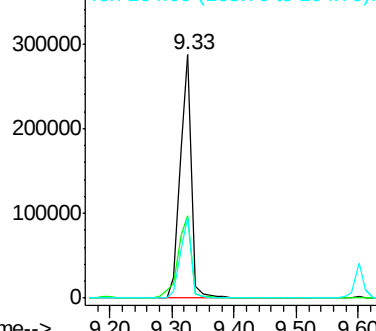


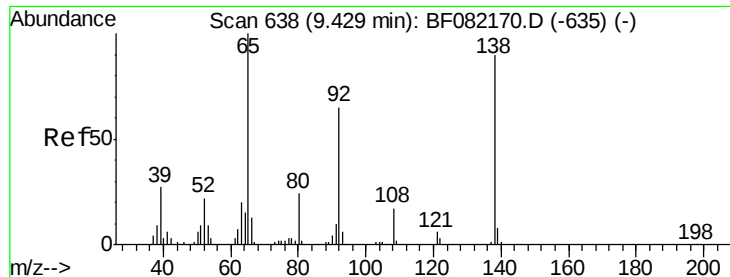
#46
 2-Chloronaphthalene
 Concen: 37.11 ng
 RT: 9.33 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.8	27.5	41.3
164	33.1	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

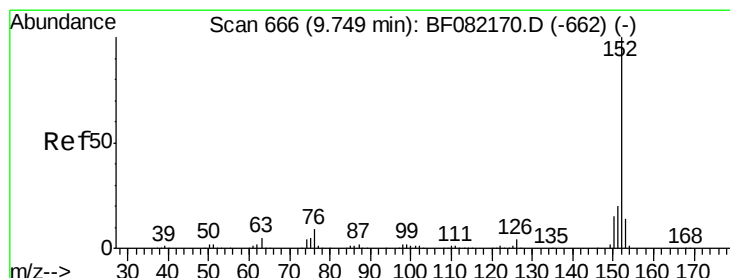
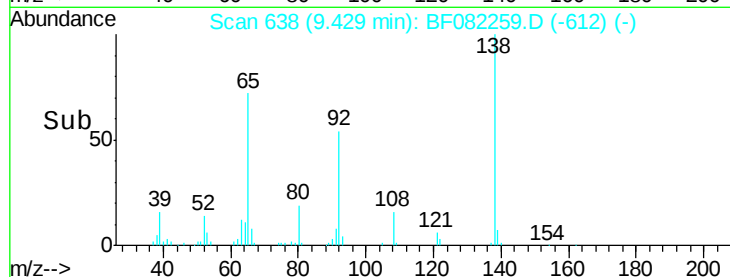
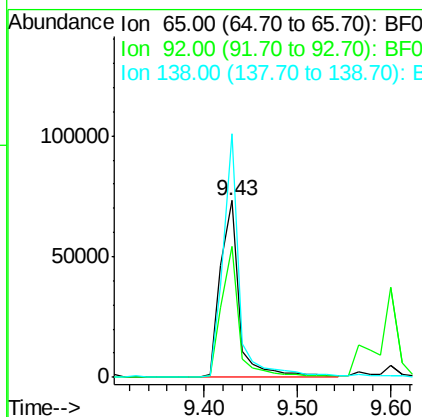
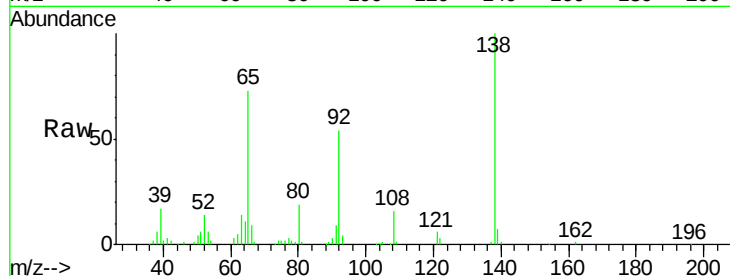




#47
2-Nitroaniline
Concen: 38.94 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

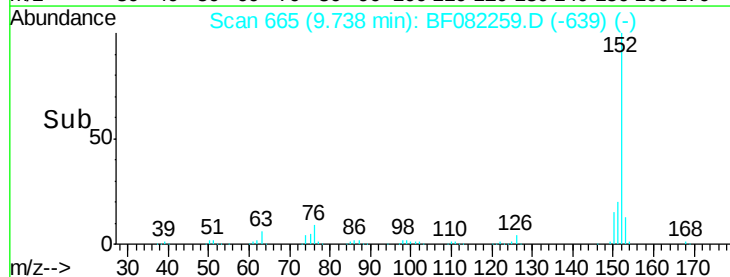
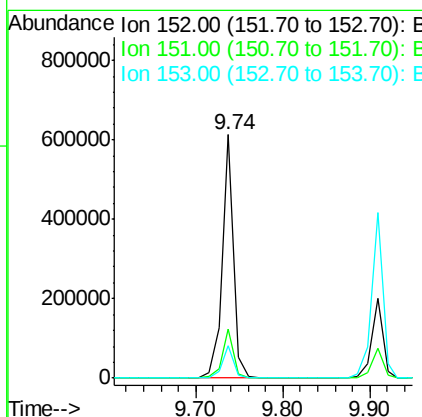
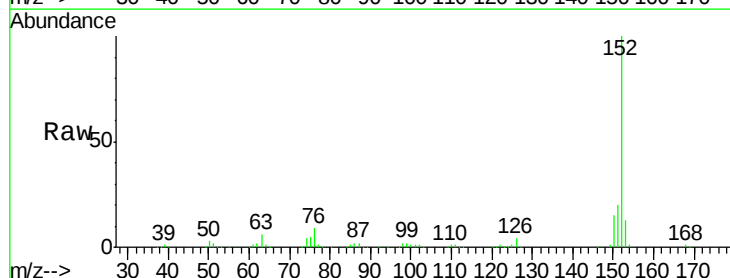
Instrument :
BNA_F
ClientSampled :
PB86086BS

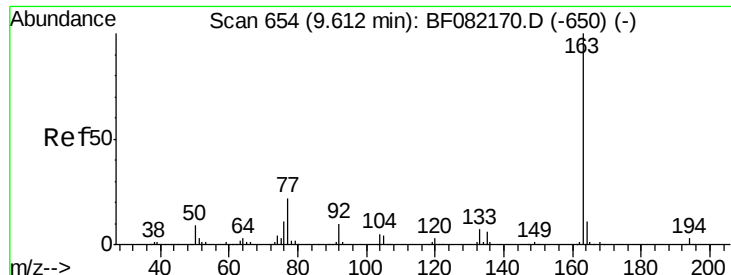
Tot Ion: 65 Resp: 103224
Ion Ratio Lower Upper
65 100
92 73.7 52.3 78.5
138 137.6 72.2 108.4#



#48
Acenaphthylene
Concen: 37.28 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion: 152 Resp: 560790
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 34.72 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

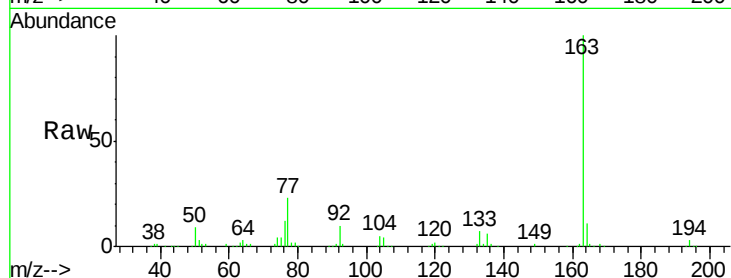
Tot Ion:163 Resp: 393349

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

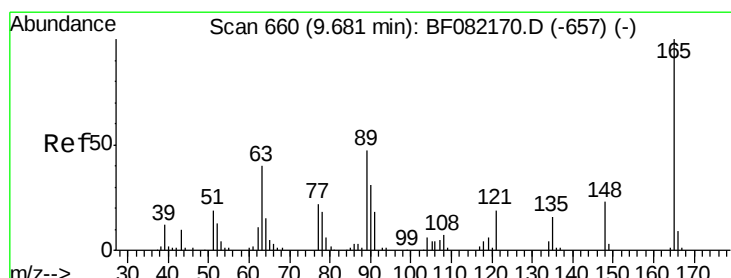
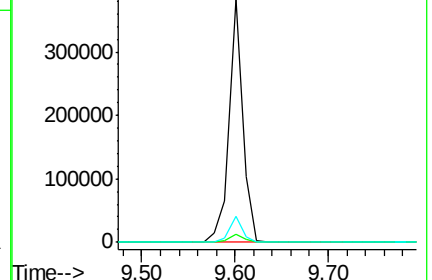
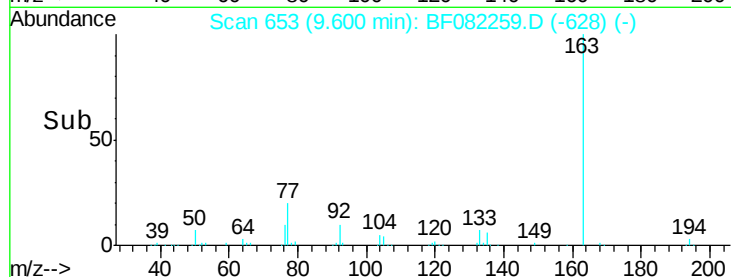
164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.06 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

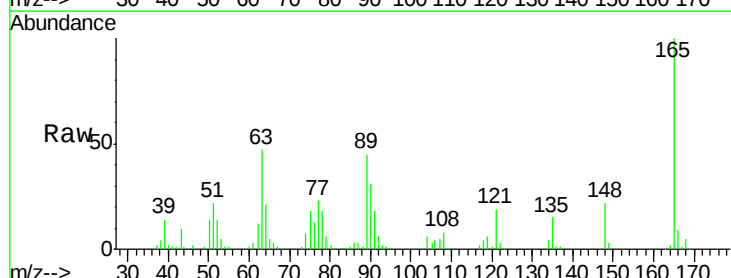
Tgt Ion:165 Resp: 98149

Ion Ratio Lower Upper

165 100

63 46.9 36.7 55.1

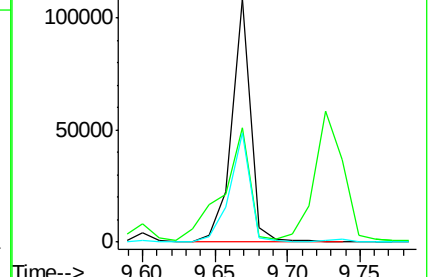
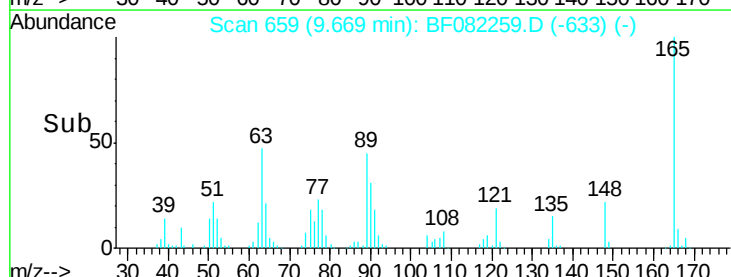
89 44.7 37.8 56.6

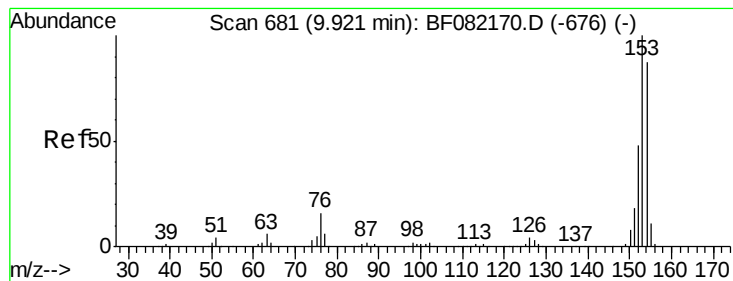


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.15 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

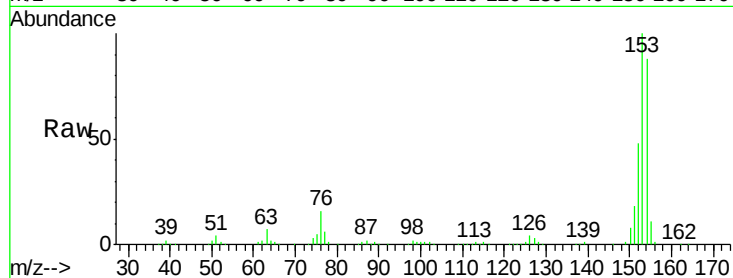
Tot Ion:154 Resp: 326515

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

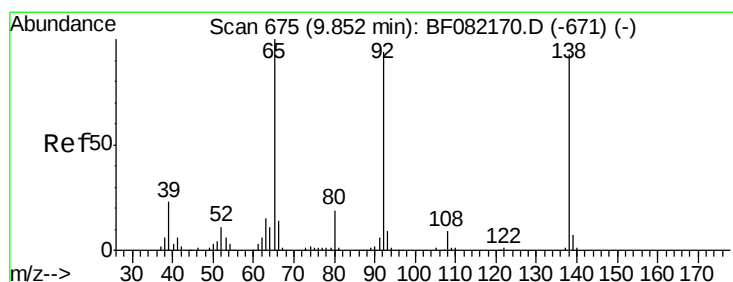
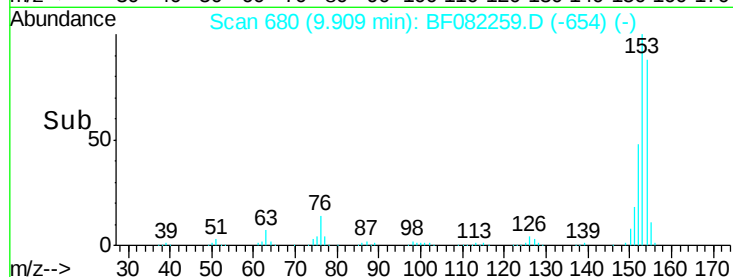
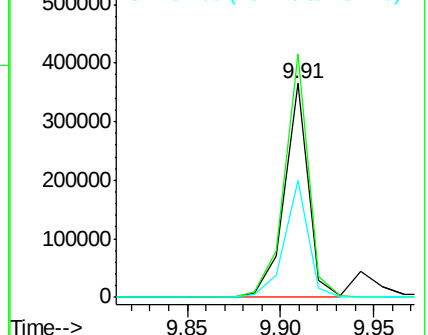
152 54.6 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.91 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

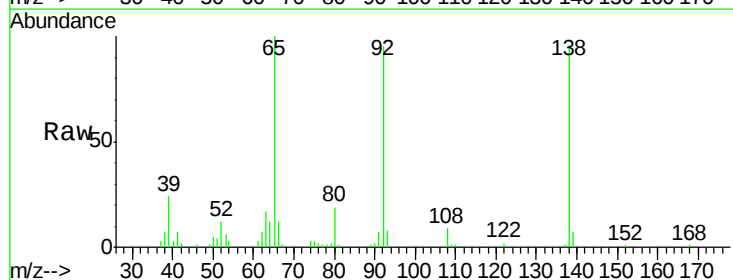
Tgt Ion:138 Resp: 53753

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

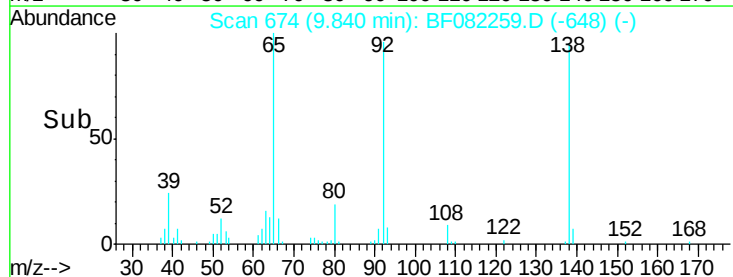
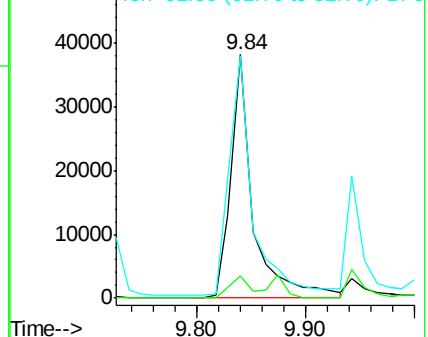
92 99.5 81.3 121.9

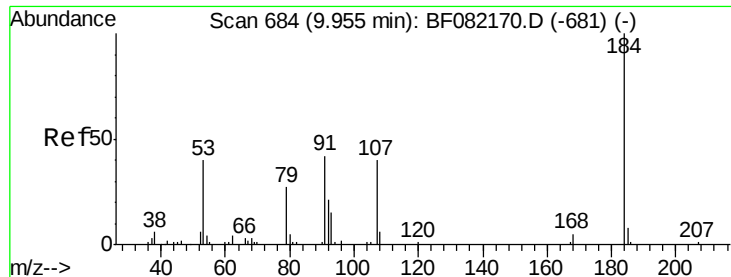


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

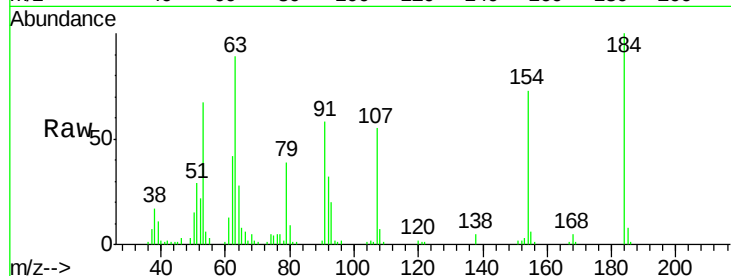




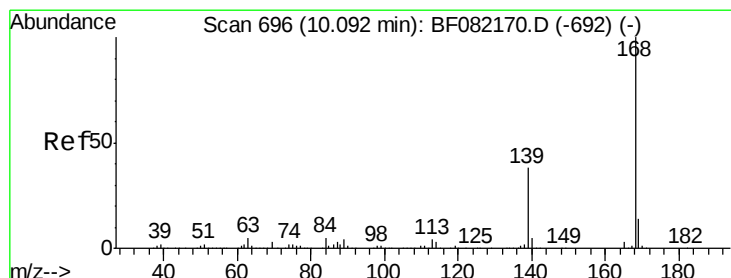
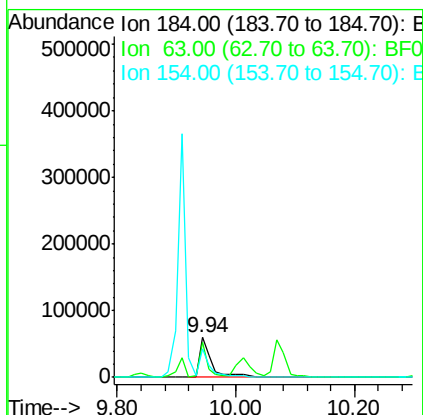
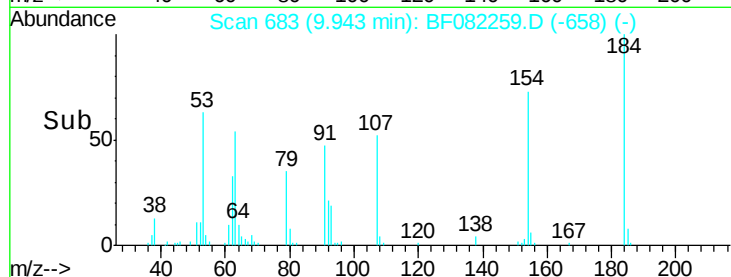
#53
2,4-Dinitrophenol
Concen: 66.10 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion:184 Resp: 86678
Ion Ratio Lower Upper
184 100
63 89.1 45.1 67.7#
154 73.1 51.2 76.8

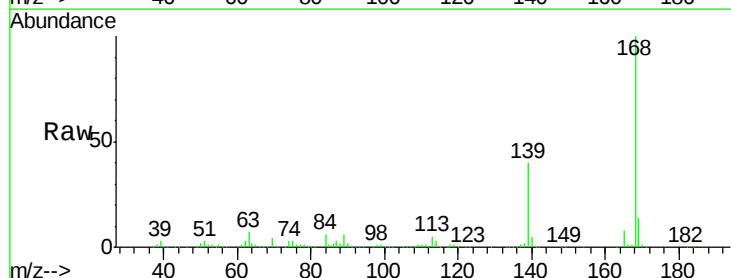


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

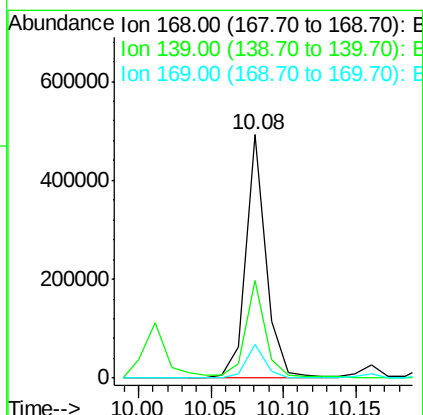
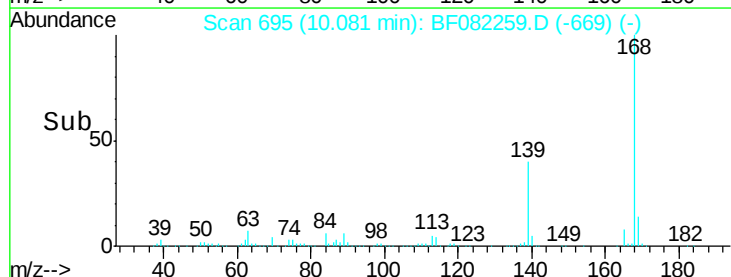


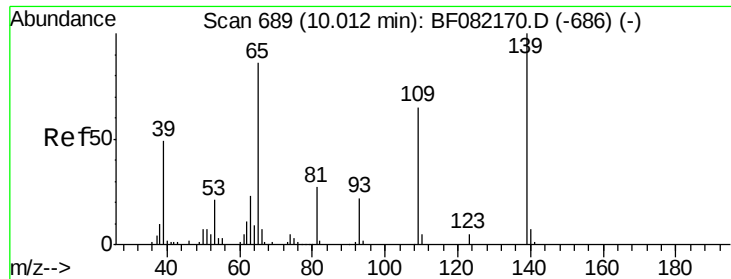
#54
Dibenzofuran
Concen: 38.65 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:168 Resp: 479241
Ion Ratio Lower Upper
168 100
139 40.3 31.0 46.6
169 13.8 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

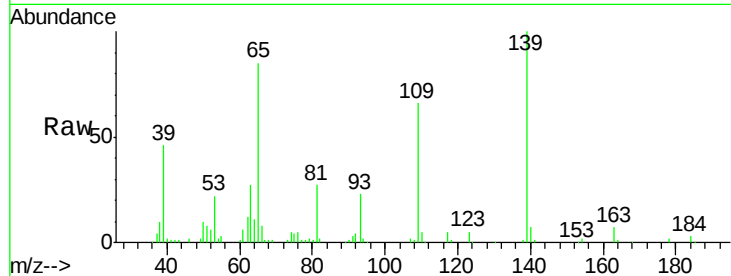




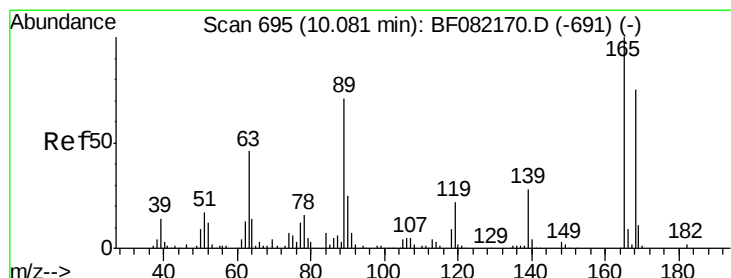
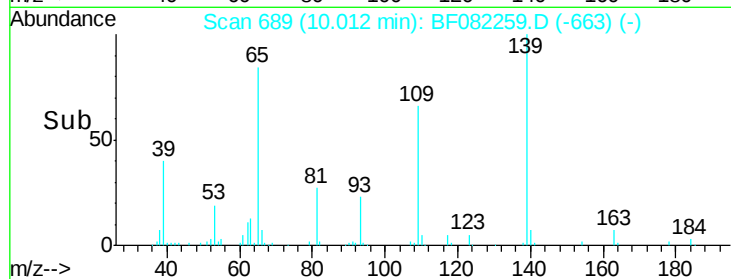
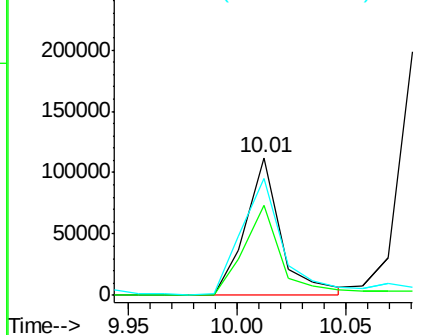
#55
4-Nitrophenol
Concen: 72.28 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion:139 Resp: 129616
Ion Ratio Lower Upper
139 100
109 65.7 44.8 84.8
65 84.8 67.7 107.7

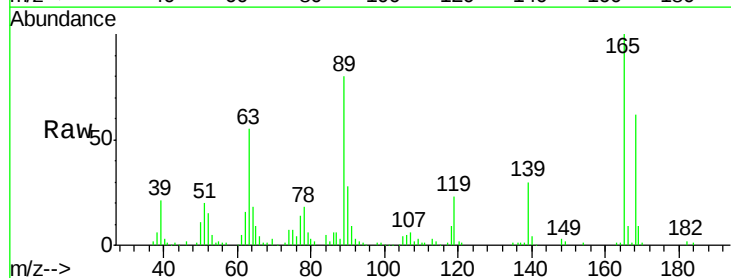


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

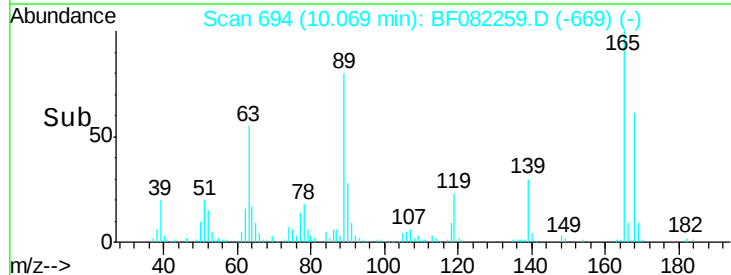
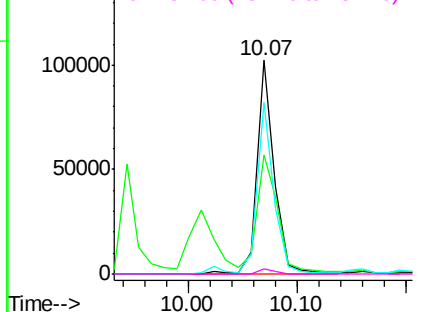


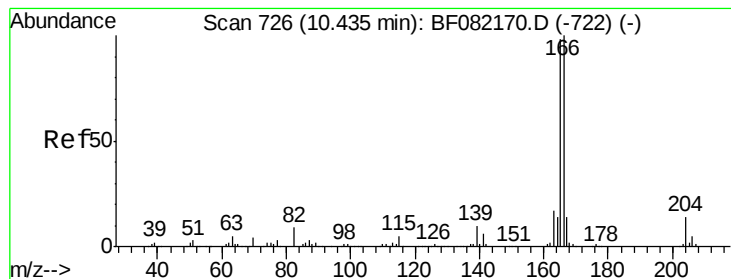
#56
2,4-Dinitrotoluene
Concen: 37.89 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:165 Resp: 113194
Ion Ratio Lower Upper
165 100
63 55.5 38.6 58.0
89 80.4 57.0 85.6
182 2.4 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.12 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampled :

PB86086BS

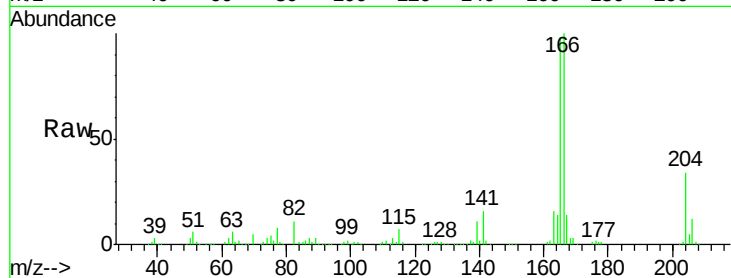
Tot Ion:166 Resp: 377978

Ion Ratio Lower Upper

166 100

165 98.5 78.3 117.5

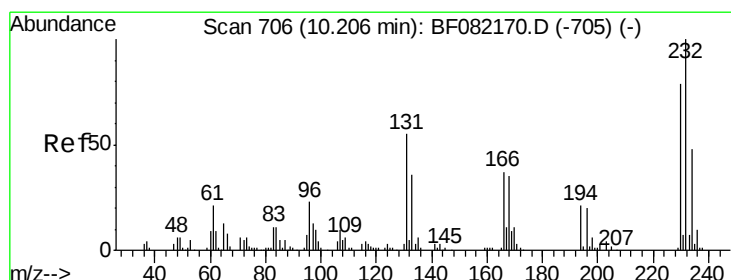
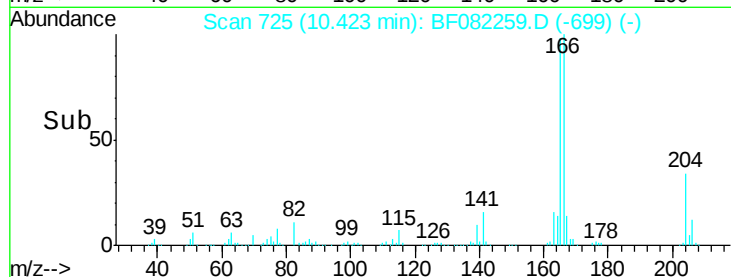
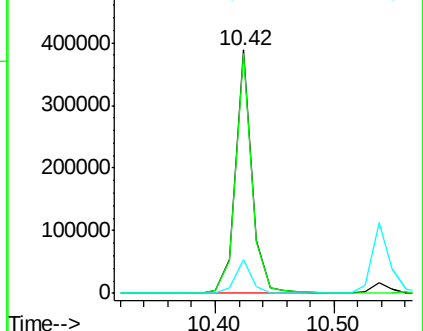
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.00 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:232 Resp: 106896

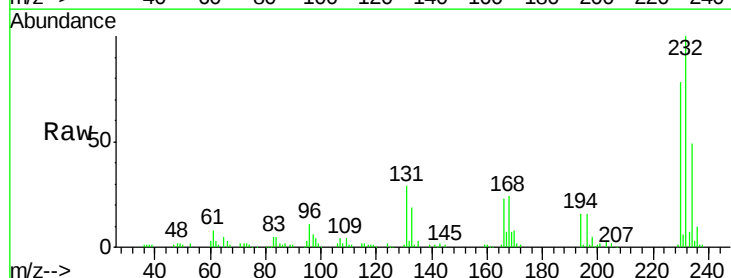
Ion Ratio Lower Upper

232 100

131 39.9 36.6 54.8

130 1.8 1.5 2.3

166 28.2 24.6 37.0

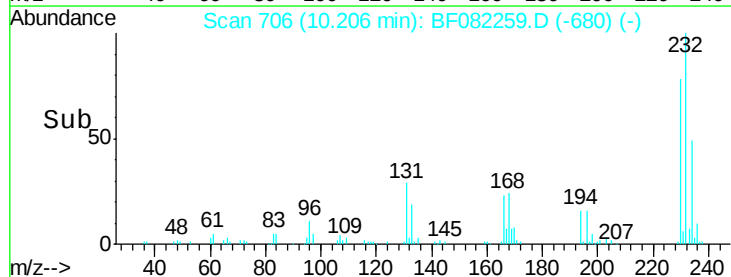
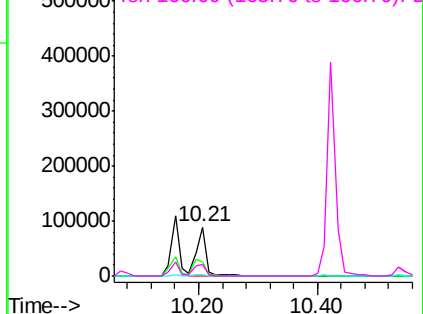


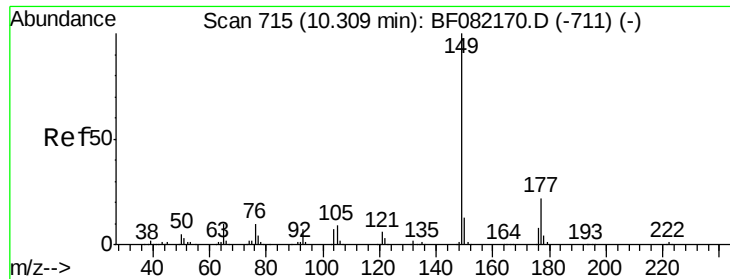
Abundance Ion 232.00 (231.70 to 232.70): E

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

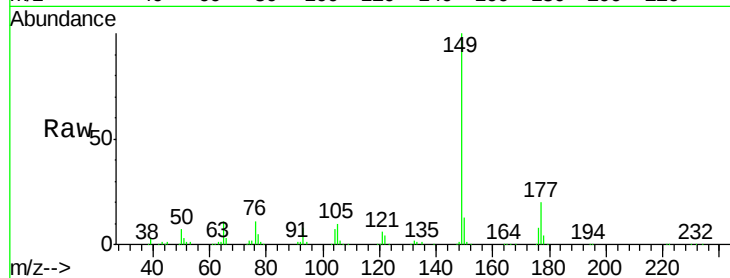




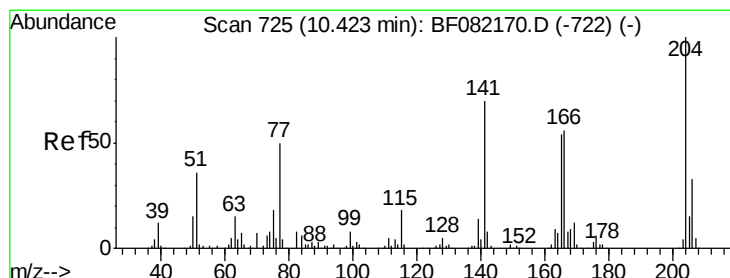
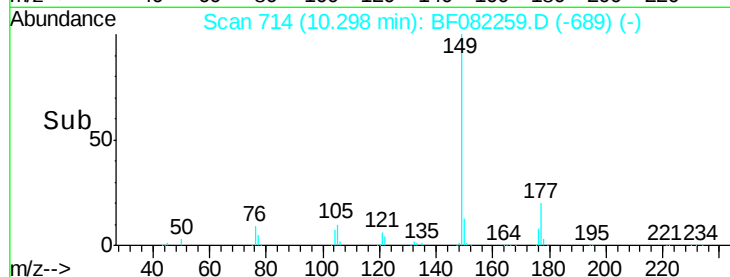
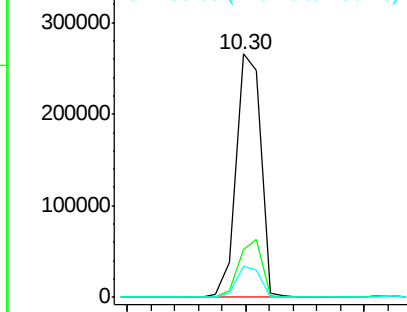
#59
Diethylphthalate
Concen: 36.52 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion:149 Resp: 385671
Ion Ratio Lower Upper
149 100
177 19.7 17.6 26.4
150 12.9 10.3 15.5

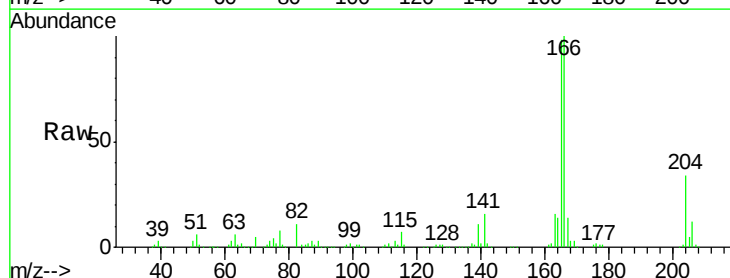


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

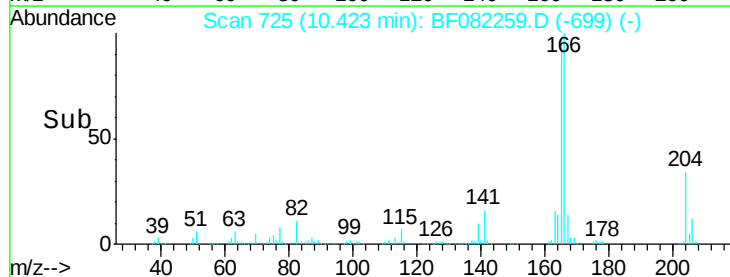
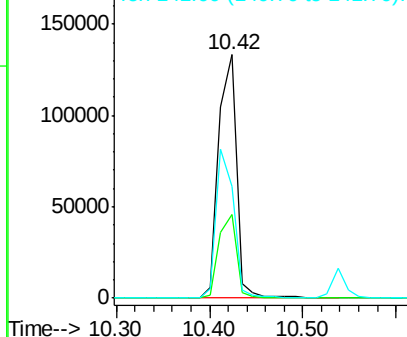


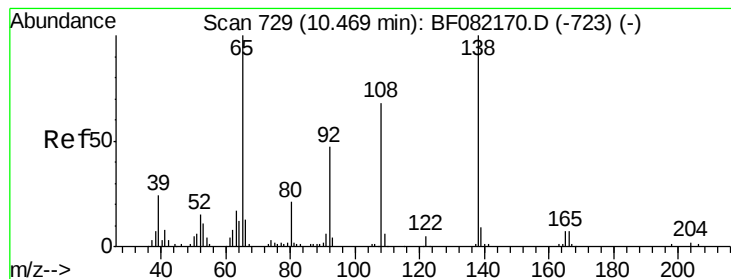
#60
4-Chlorophenyl-phenylether
Concen: 38.14 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:204 Resp: 177903
Ion Ratio Lower Upper
204 100
206 34.5 26.8 40.2
141 46.0 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: 36.70 ng

RT: 10.46 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

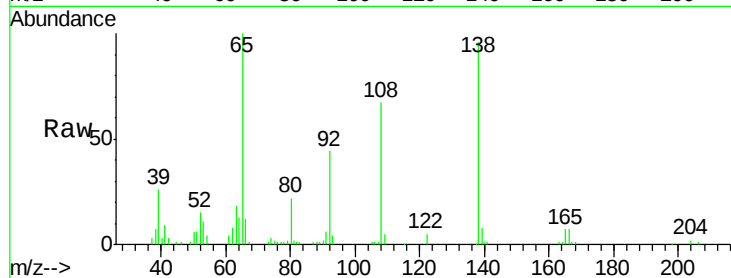
Tot Ion:138 Resp: 96106

Ion Ratio Lower Upper

138 100

92 46.5 26.8 66.8

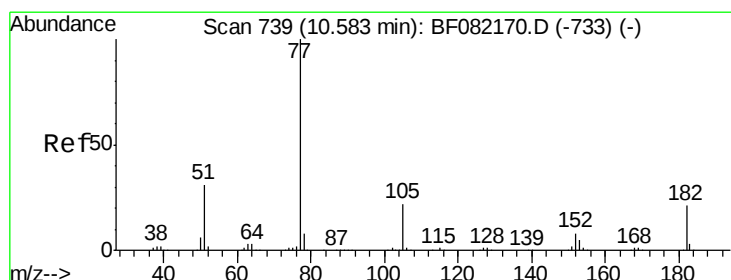
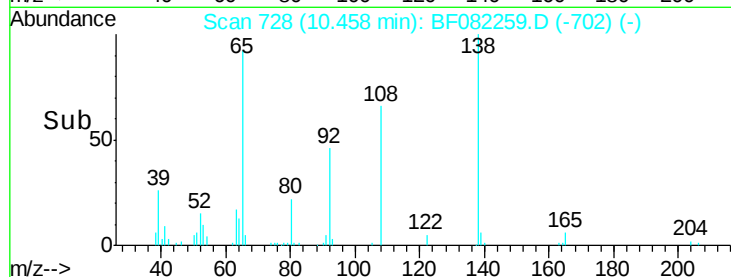
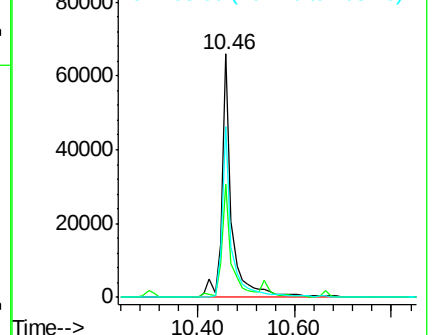
108 70.3 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.93 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion: 77 Resp: 391973

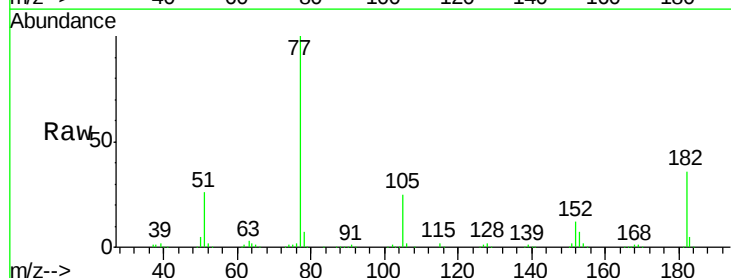
Ion Ratio Lower Upper

77 100

182 36.4 0.5 40.5

105 25.4 1.8 41.8

51 26.3 11.2 51.2

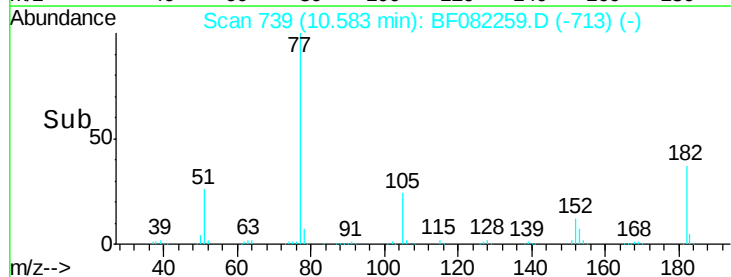
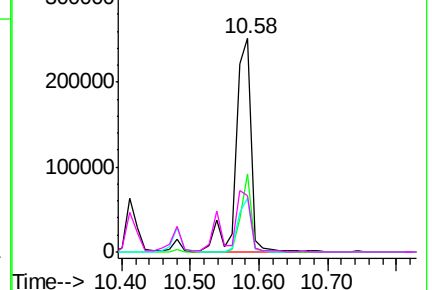


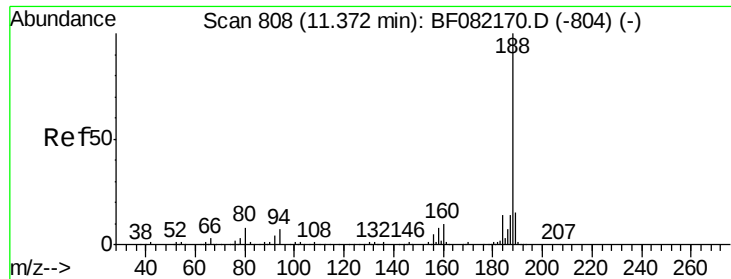
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

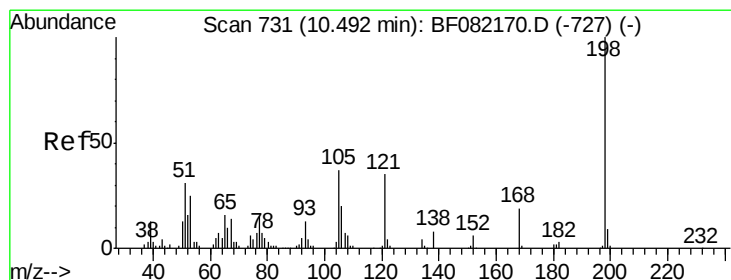
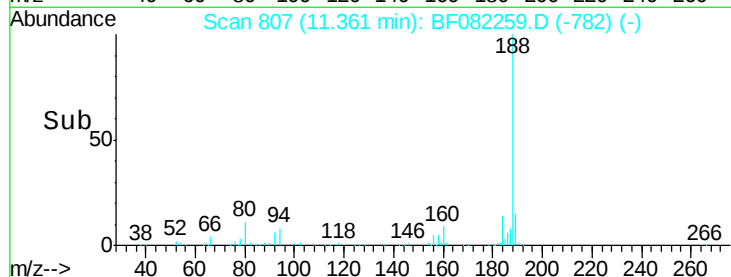
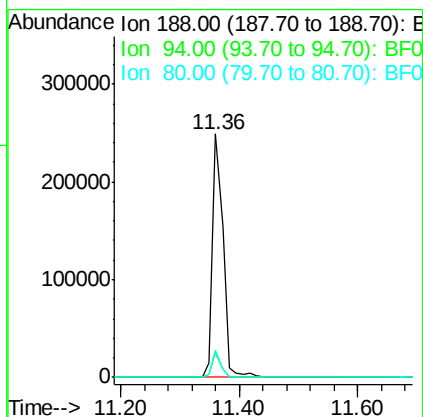
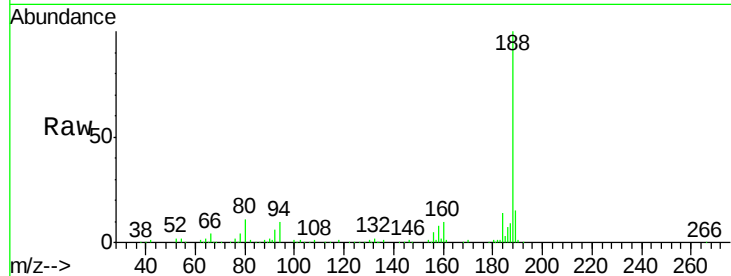




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

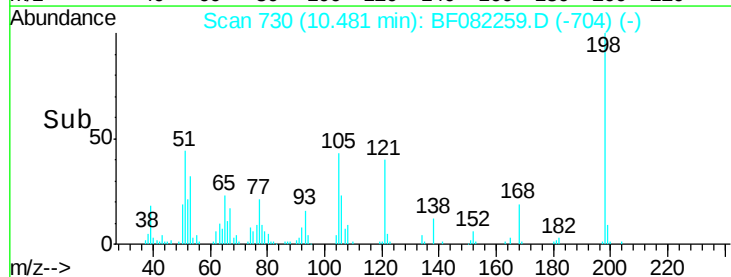
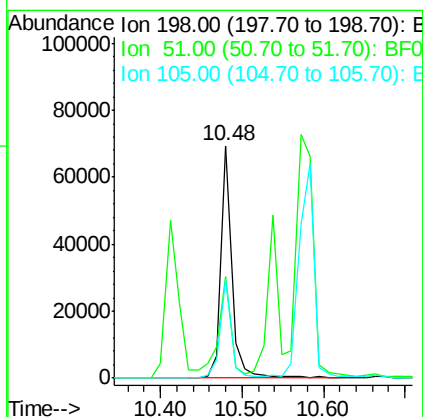
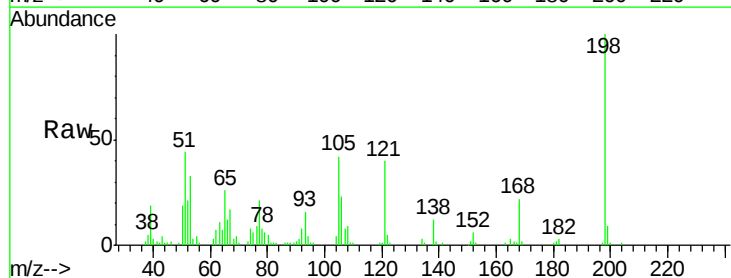
Instrument :
BNA_F
ClientSampleId :
PB86086BS

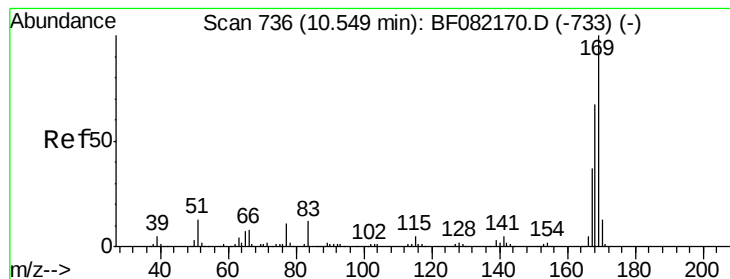
Tot Ion:188 Resp: 305068
Ion Ratio Lower Upper
188 100
94 10.1 5.8 8.6#
80 11.2 6.4 9.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.51 ng
RT: 10.48 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:198 Resp: 64224
Ion Ratio Lower Upper
198 100
51 43.5 13.6 53.6
105 42.4 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 36.19 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

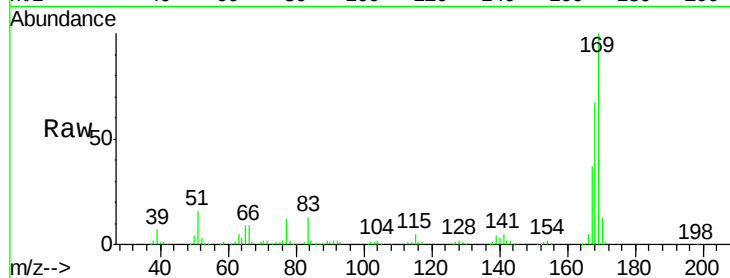
Tot Ion:169 Resp: 330545

Ion Ratio Lower Upper

169 100

168 66.6 54.0 81.0

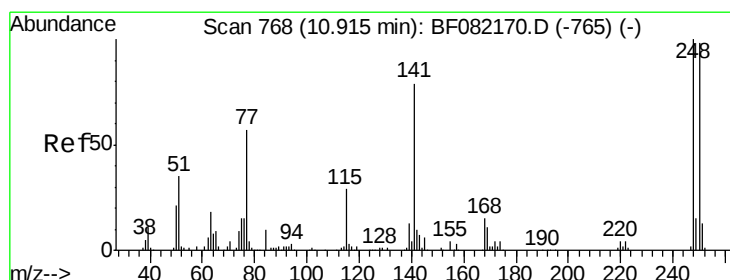
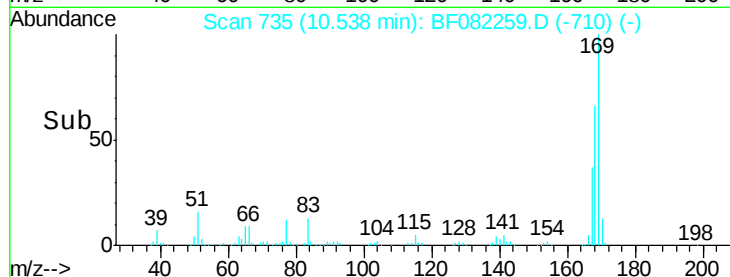
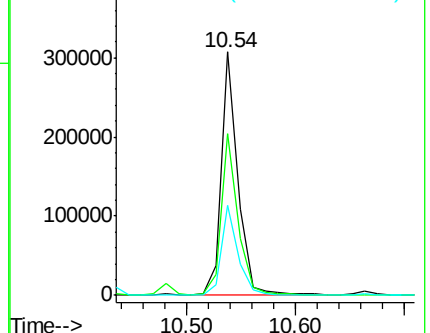
167 37.0 29.6 44.4



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: 36.01 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

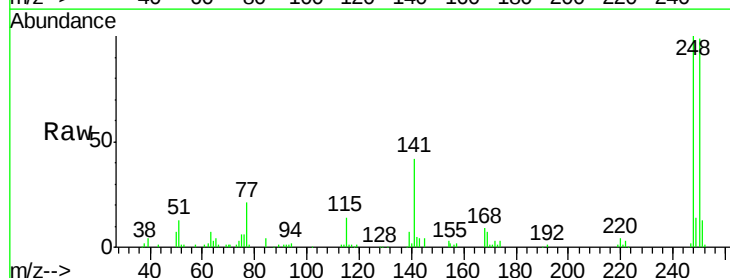
Tgt Ion:248 Resp: 109941

Ion Ratio Lower Upper

248 100

250 99.4 78.6 117.8

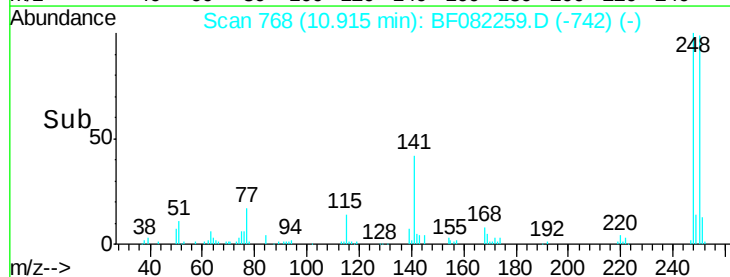
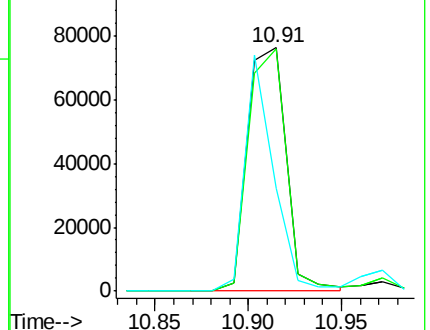
141 42.4 63.3 94.9#

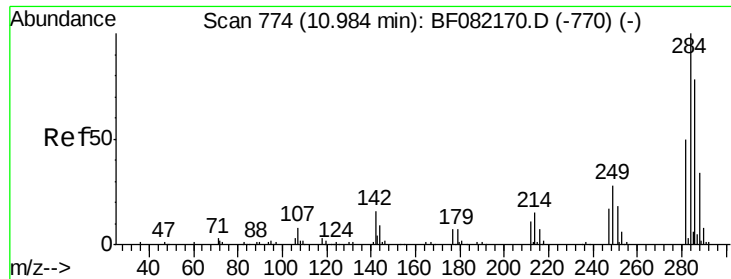


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

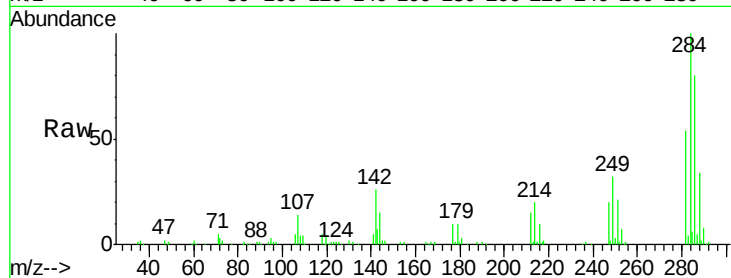




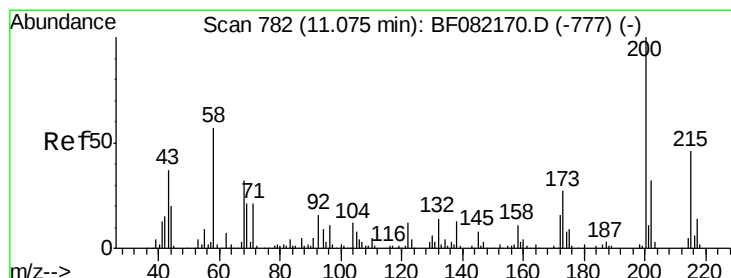
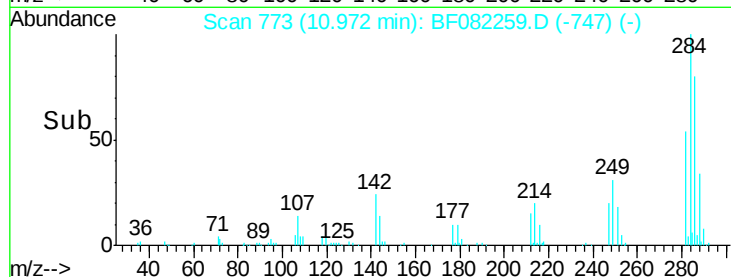
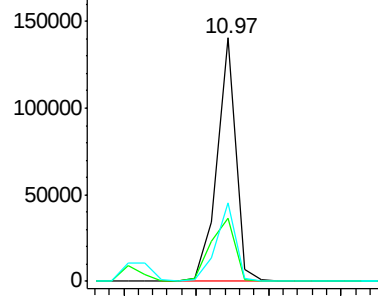
#67
Hexachlorobenzene
Concen: 38.40 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion:284 Resp: 126808
Ion Ratio Lower Upper
284 100
142 26.0 13.0 19.6#
249 32.2 22.5 33.7

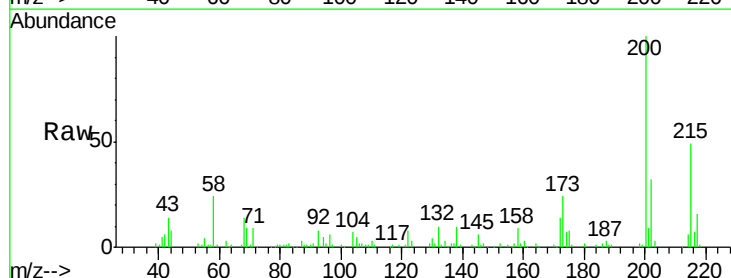


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

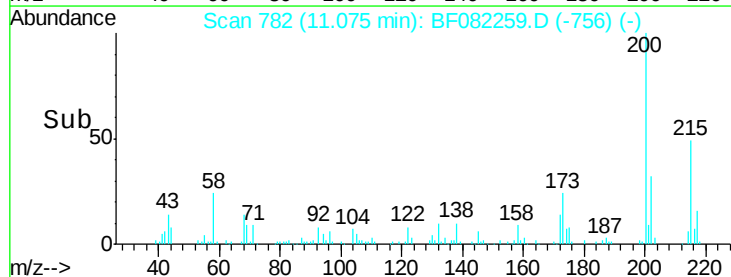
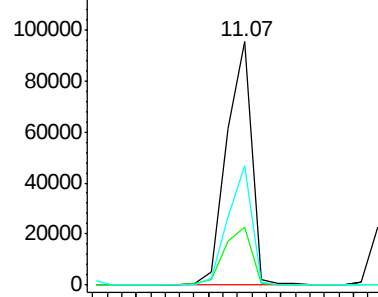


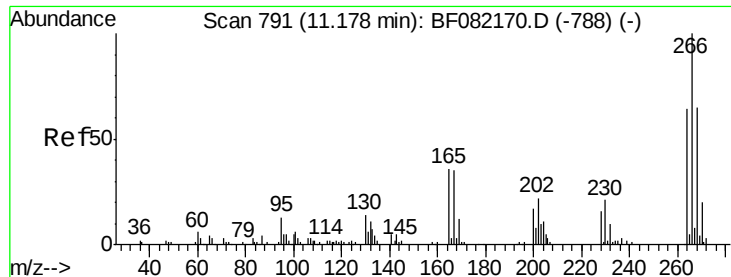
#68
Atrazine
Concen: 39.13 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:200 Resp: 113229
Ion Ratio Lower Upper
200 100
173 23.9 7.3 47.3
215 49.1 26.2 66.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

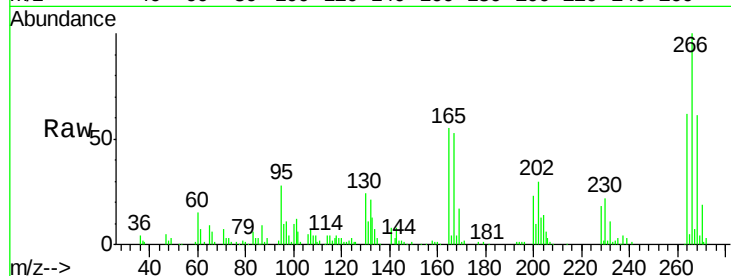




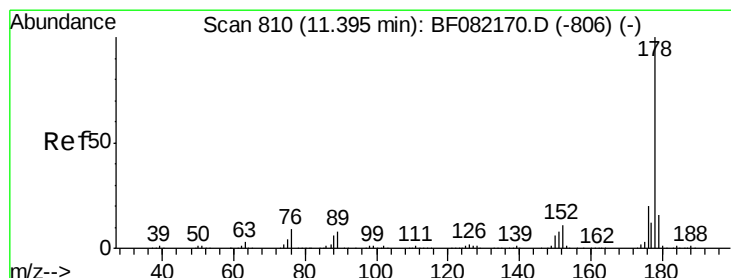
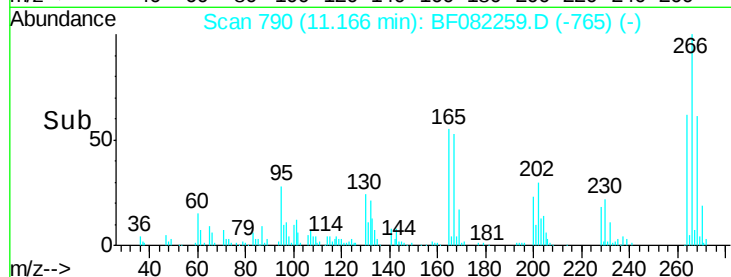
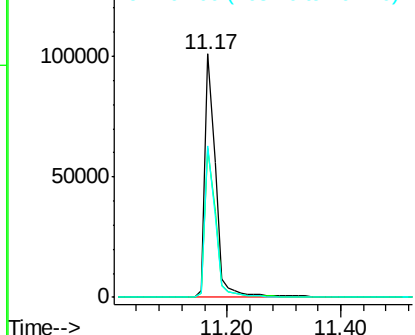
#69
 Pentachlorophenol
 Concen: 74.18 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion:266 Resp: 126032
 Ion Ratio Lower Upper
 266 100
 268 61.1 52.0 78.0
 264 62.3 51.4 77.0

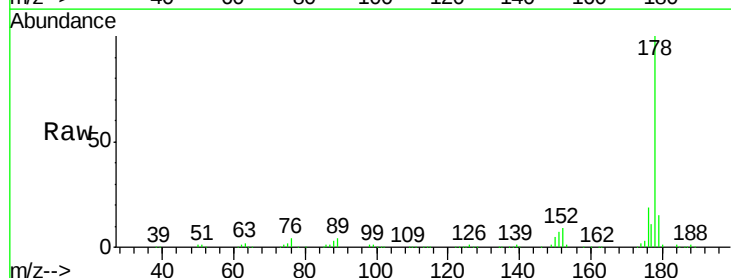


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

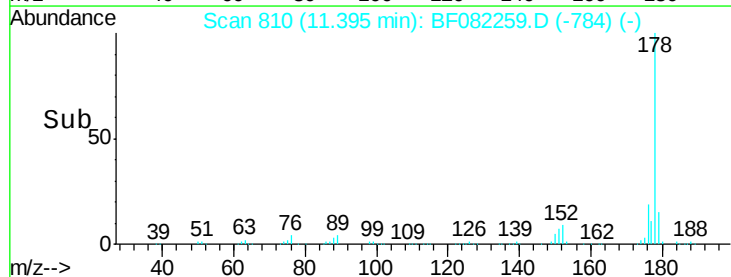
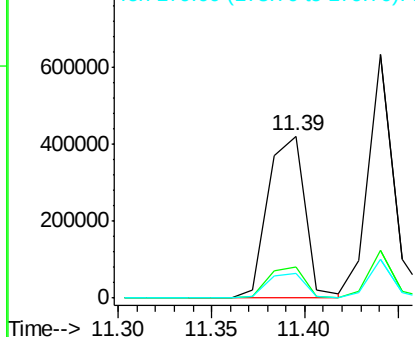


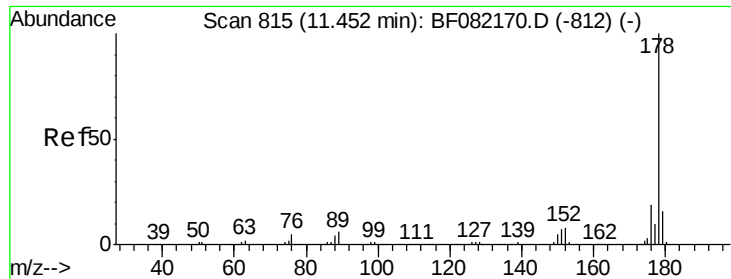
#70
 Phenanthrene
 Concen: 38.70 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion:178 Resp: 578672
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 15.0 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

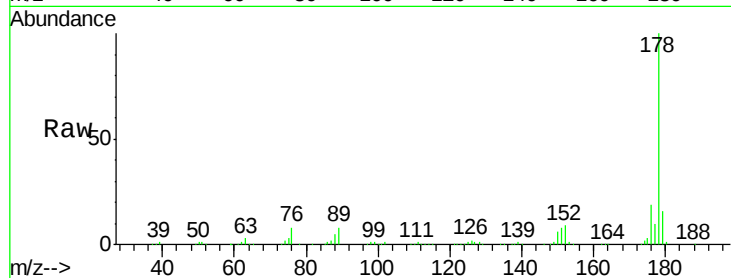




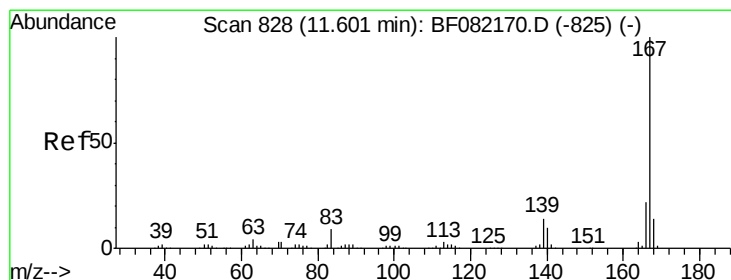
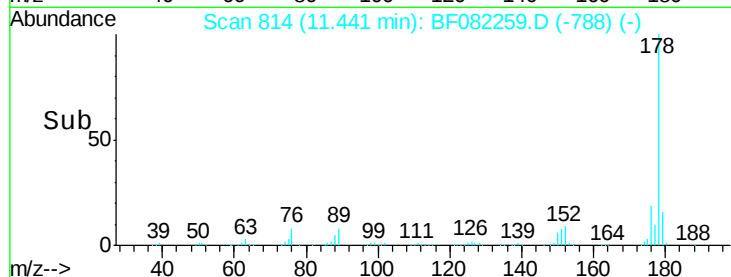
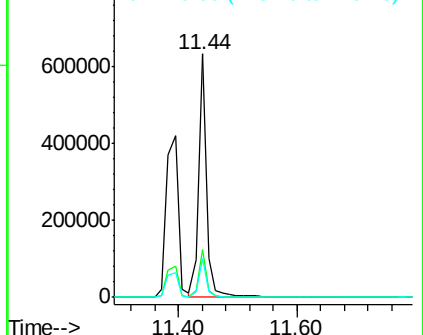
#71
 Anthracene
 Concen: 39.63 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion:178 Resp: 610693
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 15.9 12.5 18.7

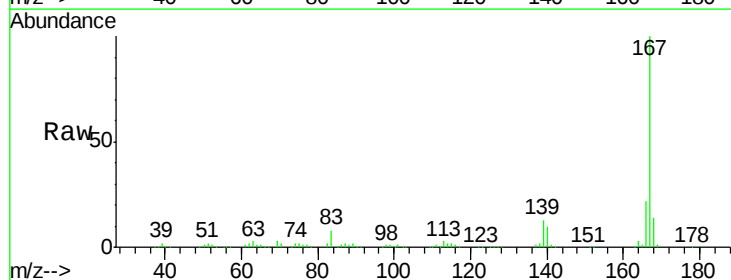


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

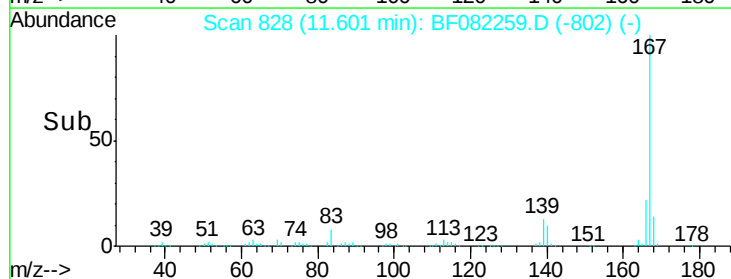
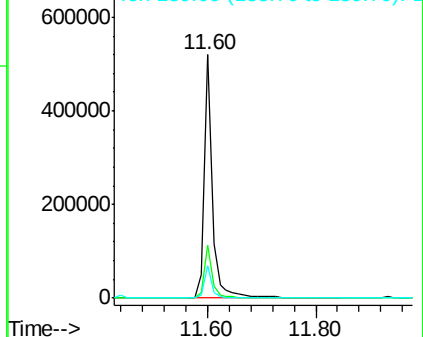


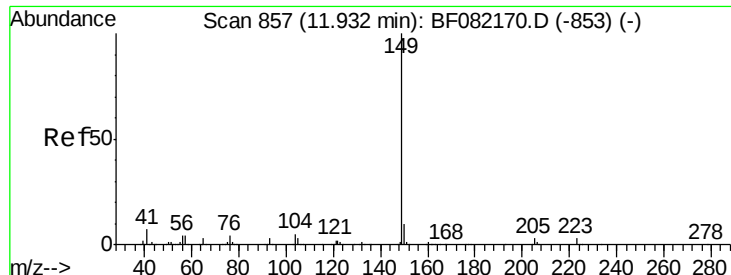
#72
 Carbazole
 Concen: 38.59 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion:167 Resp: 542382
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.4 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: 36.75 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

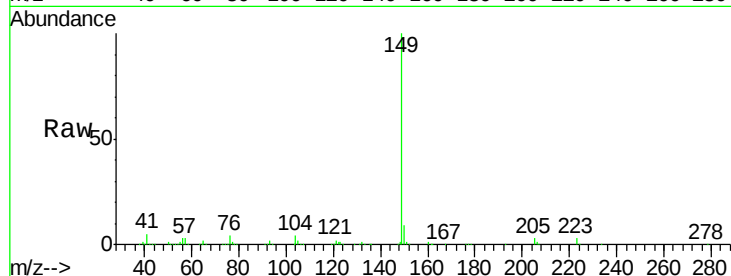
Tot Ion:149 Resp: 637293

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

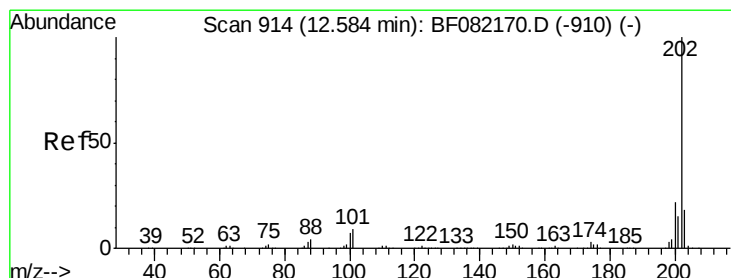
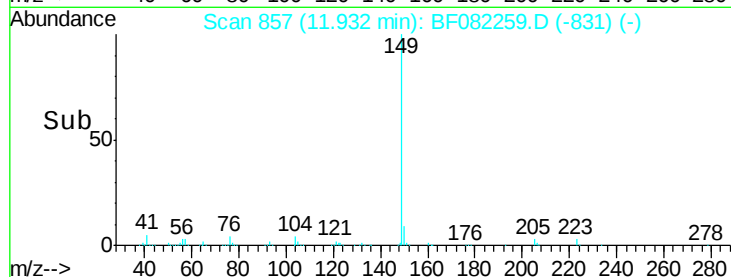
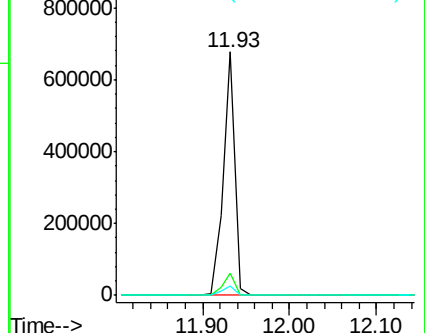
104 3.9 3.8 5.8



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: 40.30 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

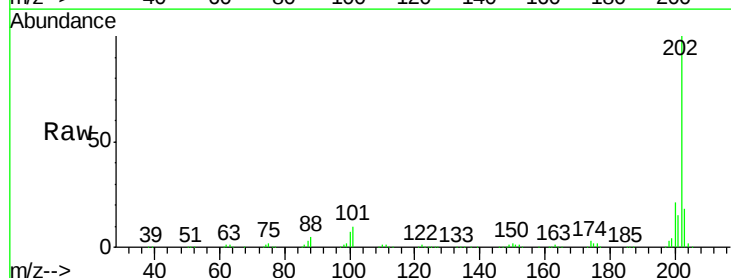
Tgt Ion:202 Resp: 647228

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

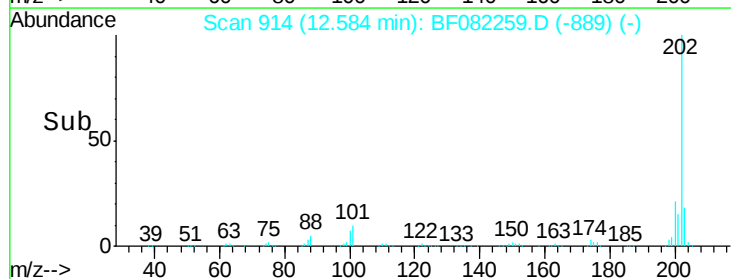
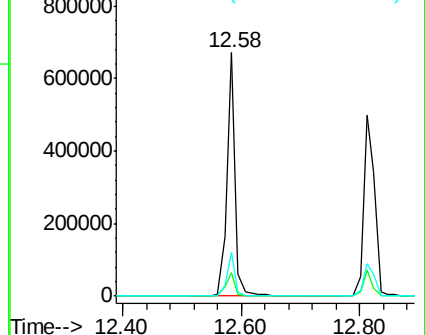
203 18.1 0.0 37.8

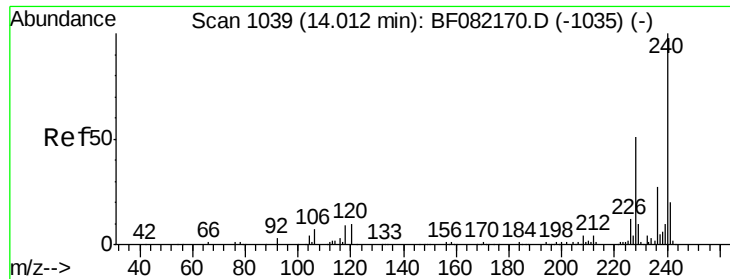


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.05 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

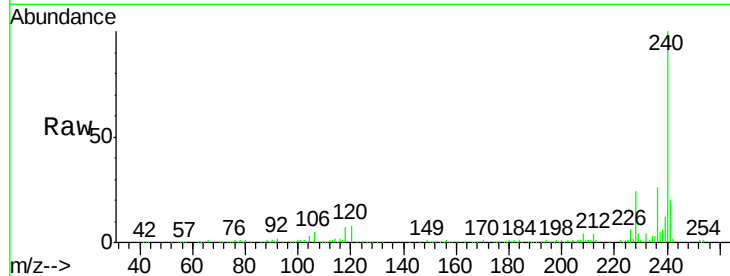
Tot Ion:240 Resp: 302438

Ion Ratio Lower Upper

240 100

120 8.1 8.1 12.1#

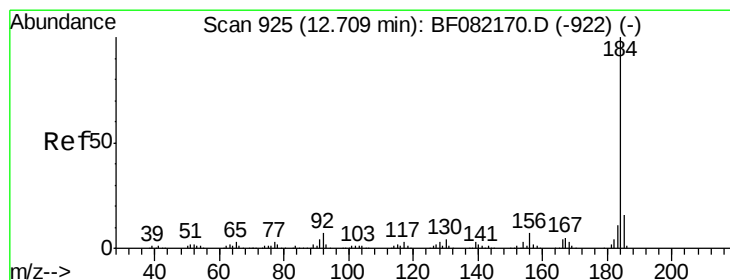
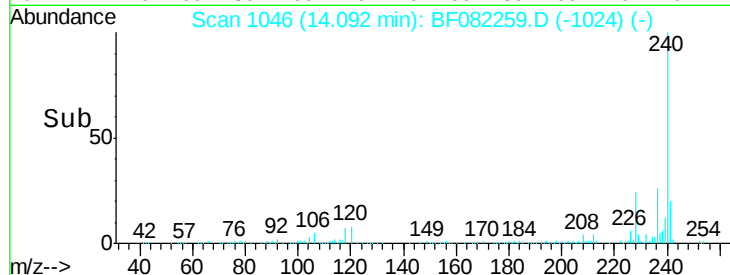
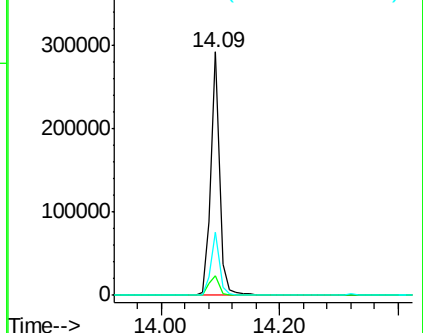
236 26.1 21.3 31.9



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: 35.12 ng

RT: 12.72 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

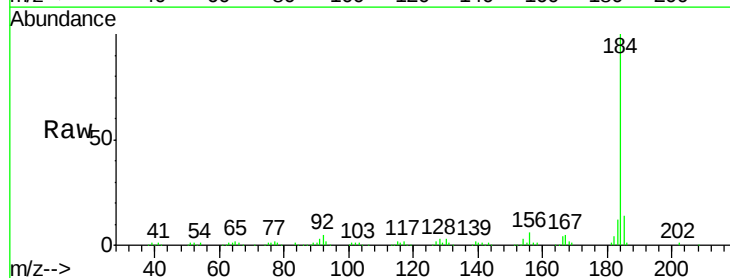
Tgt Ion:184 Resp: 307799

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

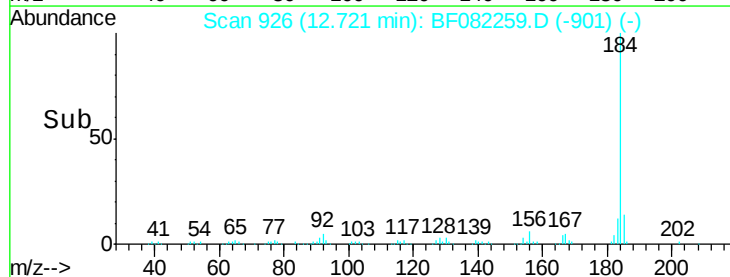
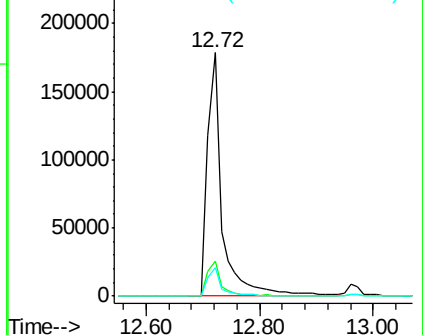
183 11.6 9.1 13.7

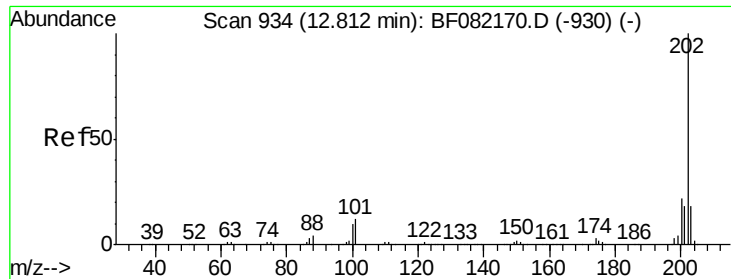


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

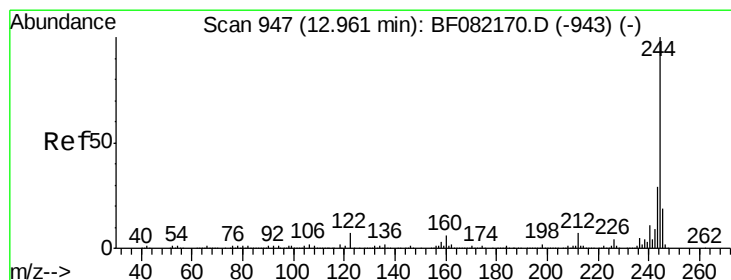
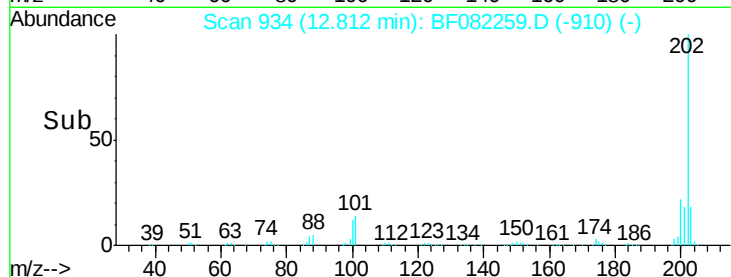
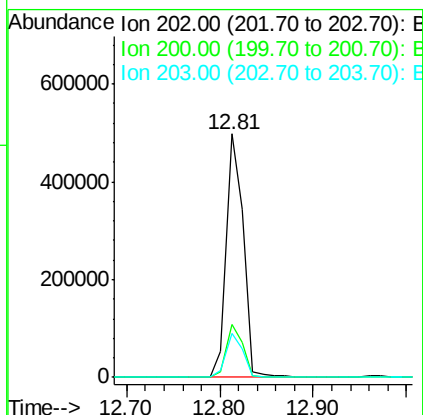
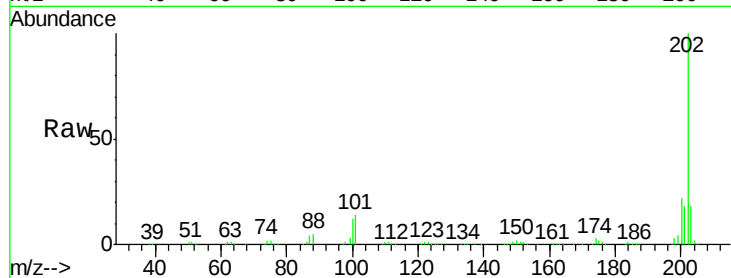




#77
 Pvrene
 Concen: 35.22 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.02 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

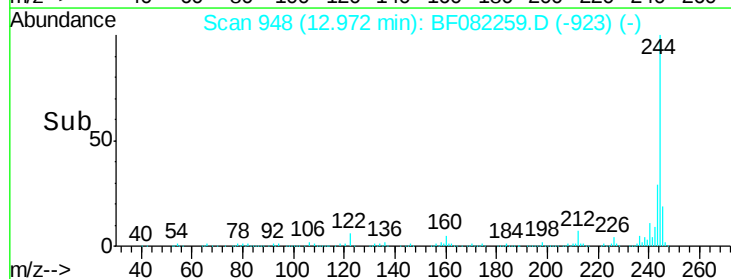
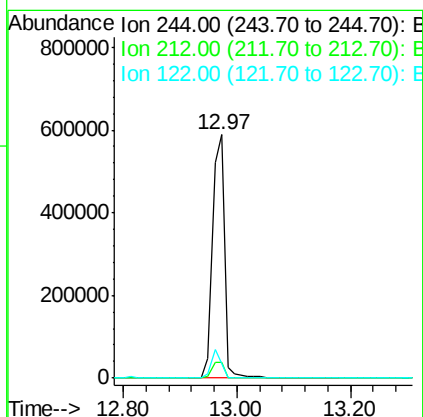
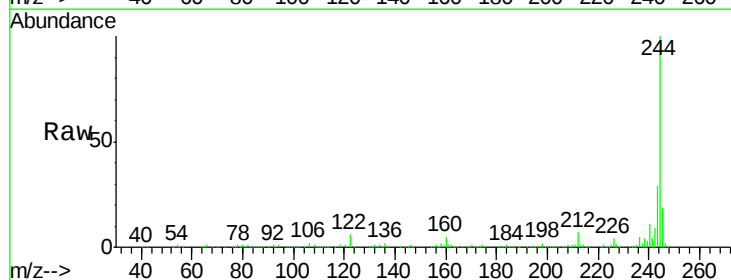
Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

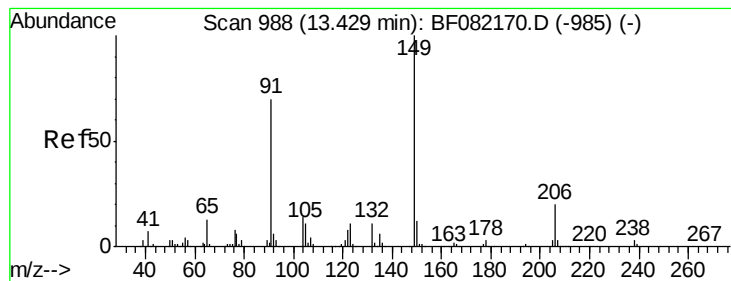
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.2	14.5	21.7



#78
 Terphenyl-d14
 Concen: 73.77 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	5.8	5.9	8.9#





#79

Butylbenzylphthalate

Concen: 32.71 ng

RT: 13.46 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

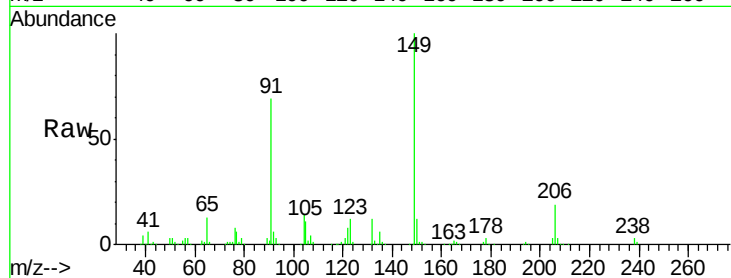
Tot Ion:149 Resp: 267905

Ion Ratio Lower Upper

149 100

91 68.6 55.7 83.5

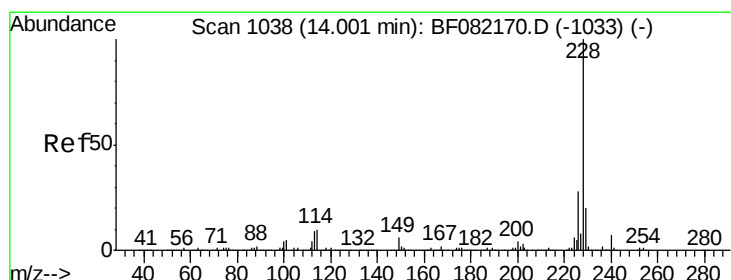
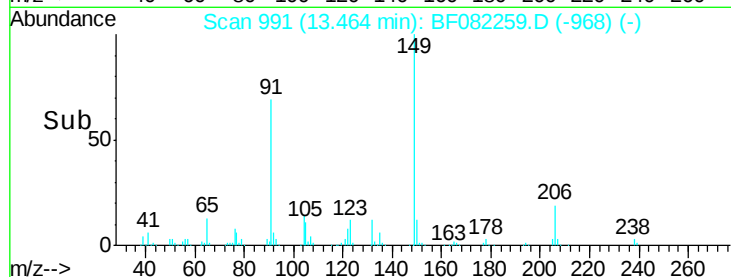
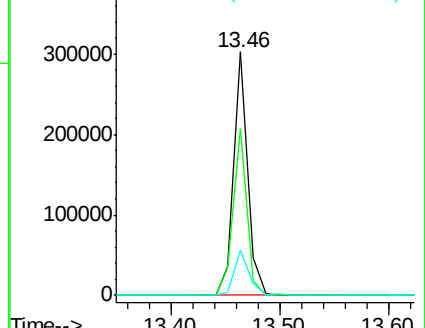
206 18.5 15.6 23.4



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: 38.07 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.05 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

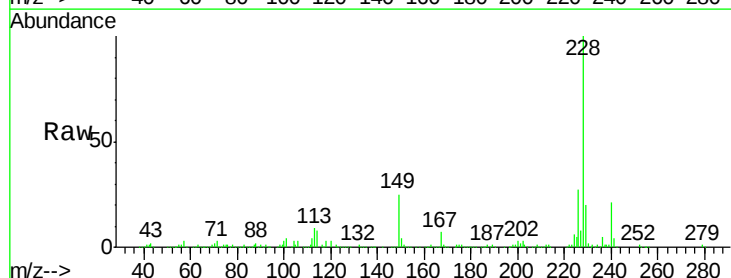
Tgt Ion:228 Resp: 599037

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

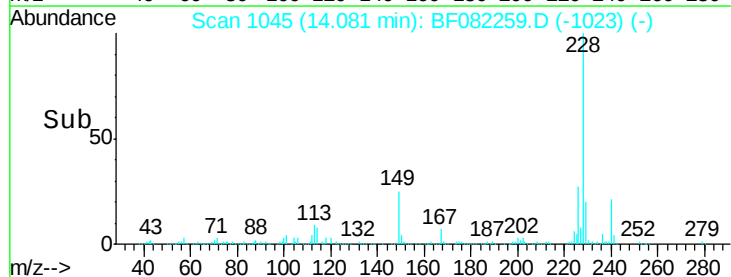
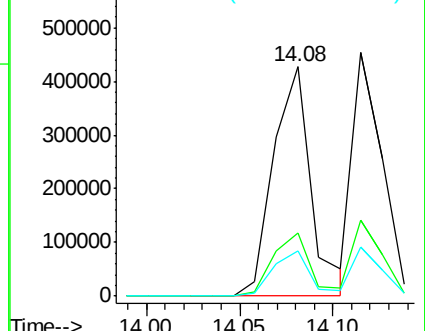
229 19.8 16.2 24.2

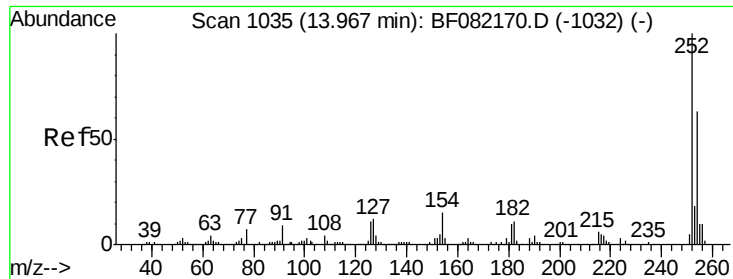


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

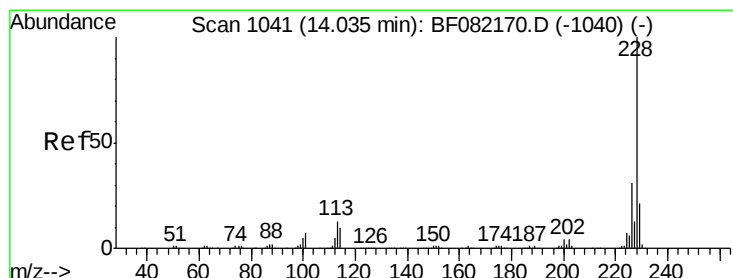
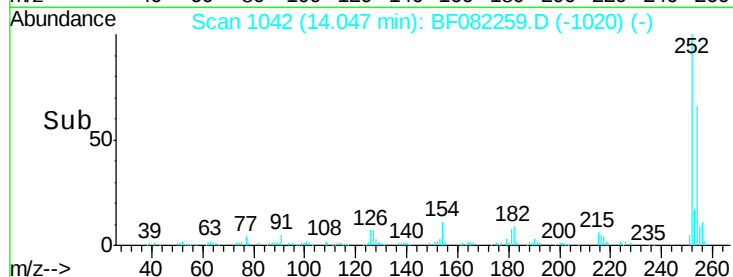
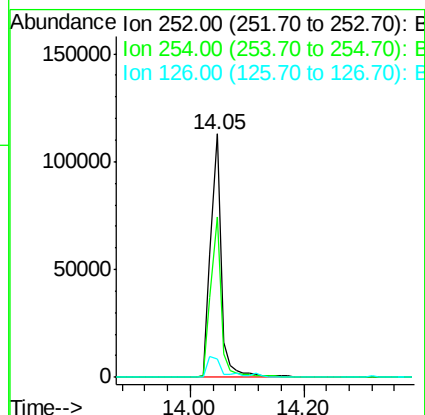
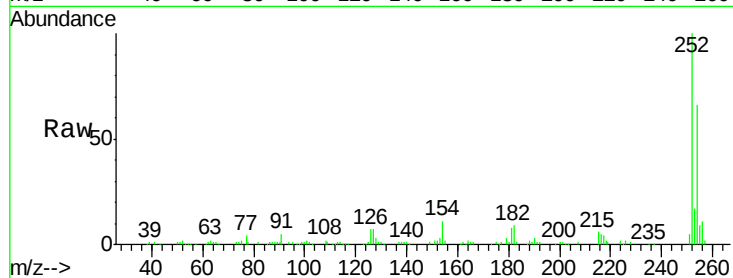




#81
 3,3'-Dichlorobenzidine
 Concen: 23.81 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

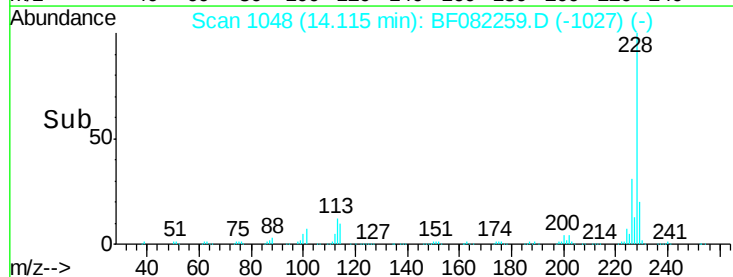
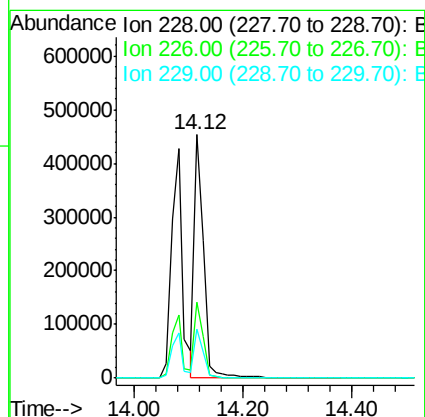
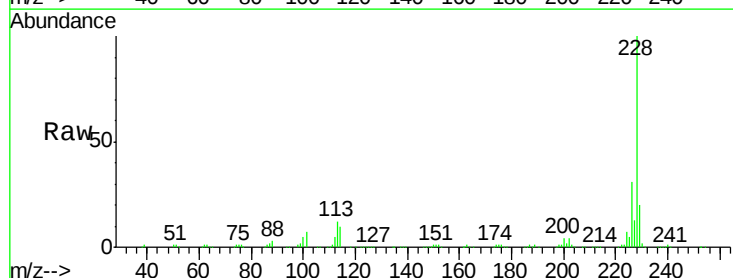
Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

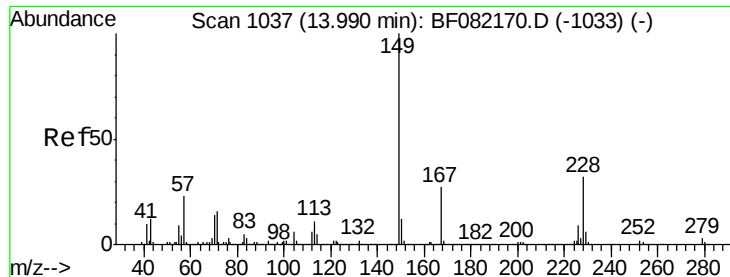
Tot Ion:252 Resp: 142236
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.7 76.1
 126 7.4 9.0 13.6#



#82
 Chrysene
 Concen: 32.10 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. -0.06 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion:228 Resp: 532165
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.2 16.3 24.5

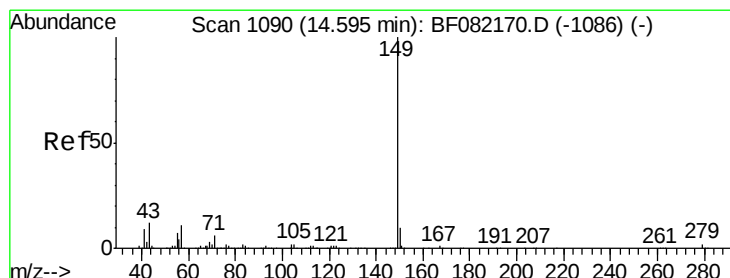
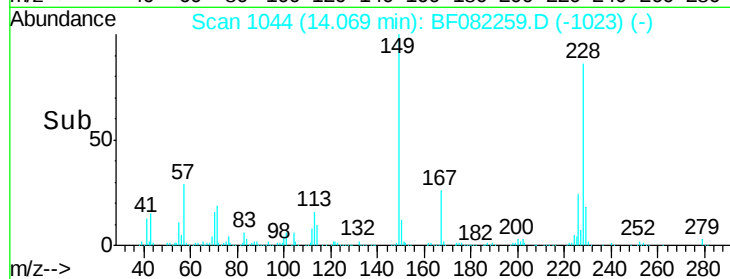
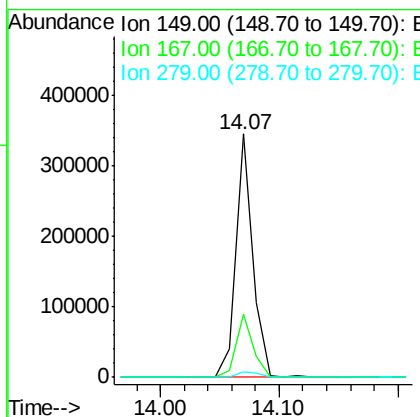
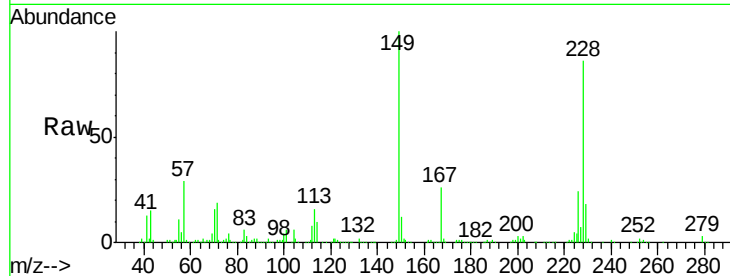




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.26 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.06 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

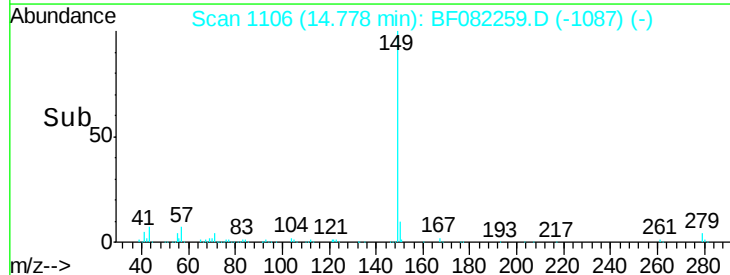
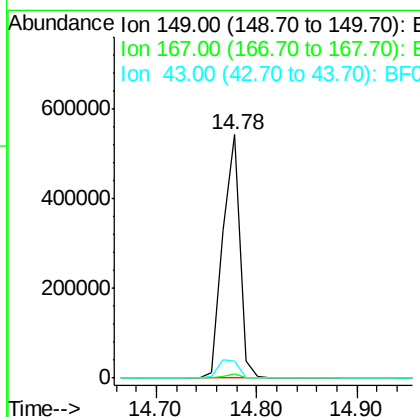
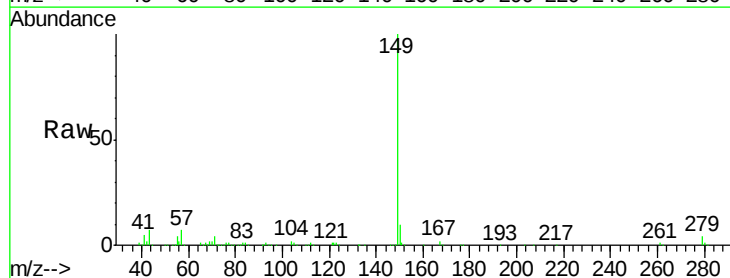
Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

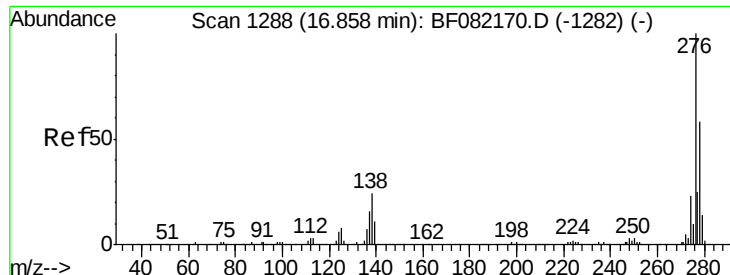
Tot Ion:149 Resp: 341907
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.3 31.9
 279 2.5 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 31.79 ng
 RT: 14.78 min Scan# 1106
 Delta R.T. -0.08 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion:149 Resp: 637889
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.1 7.4 11.2

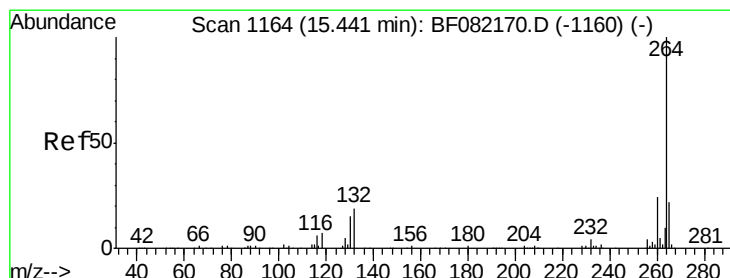
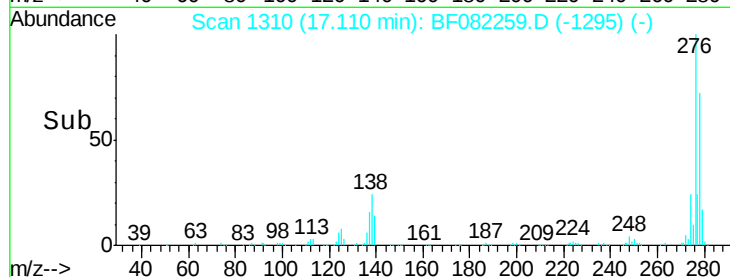
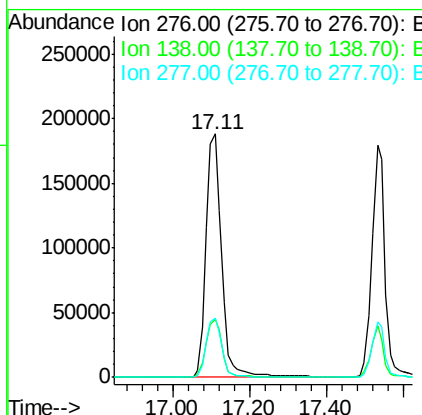
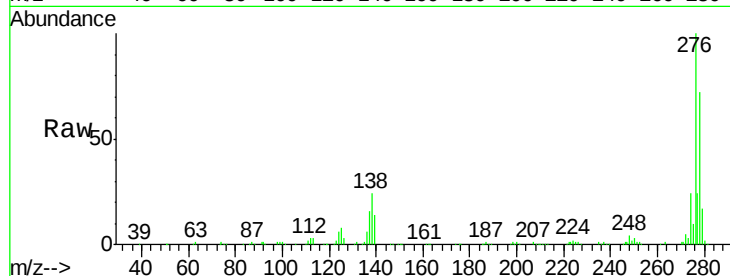




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.83 ng
 RT: 17.11 min Scan# 1310
 Delta R.T. -0.13 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

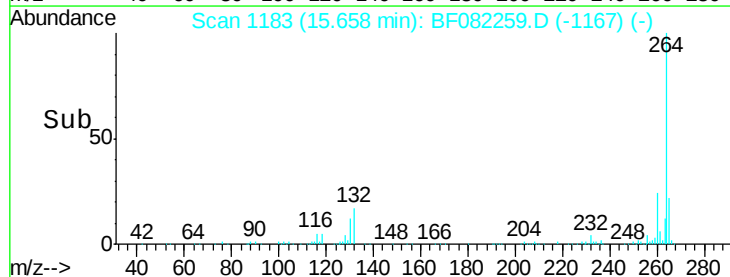
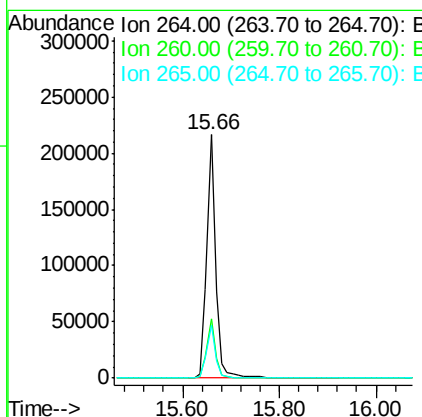
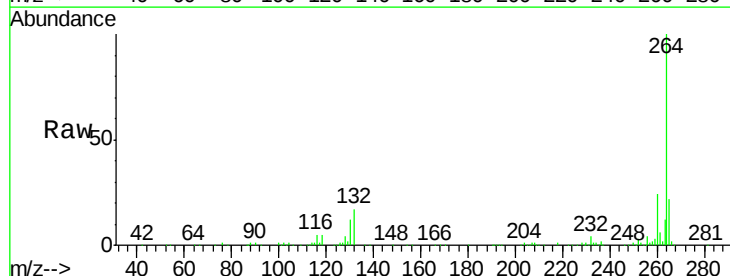
Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

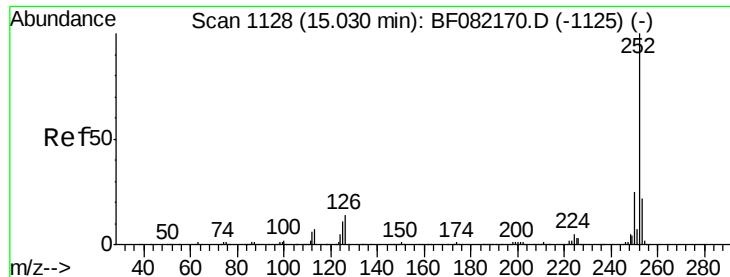
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.7	29.5
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 1183
 Delta R.T. -0.11 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 32.58 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.10 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

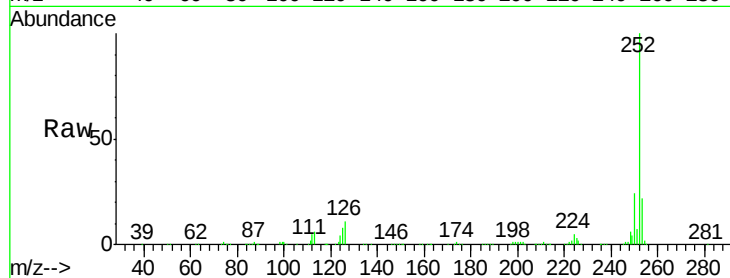
Tot Ion:252 Resp: 558579

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

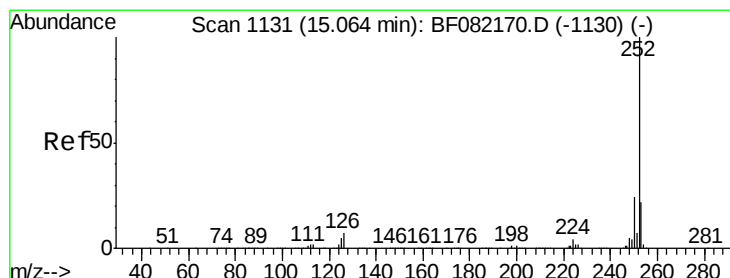
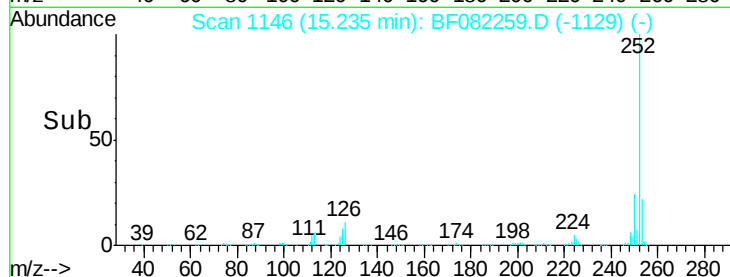
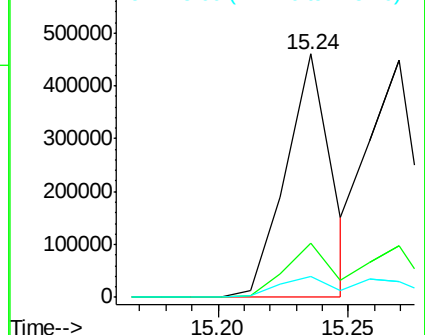
125 8.5 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.76 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.14 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

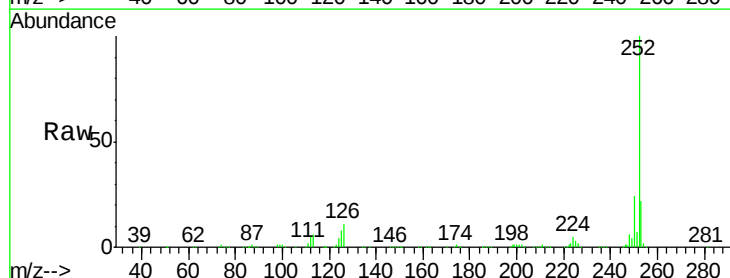
Tgt Ion:252 Resp: 558579

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

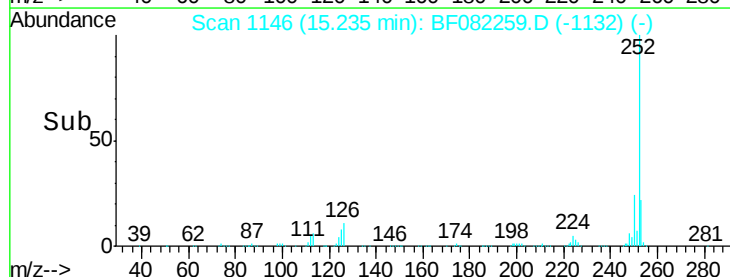
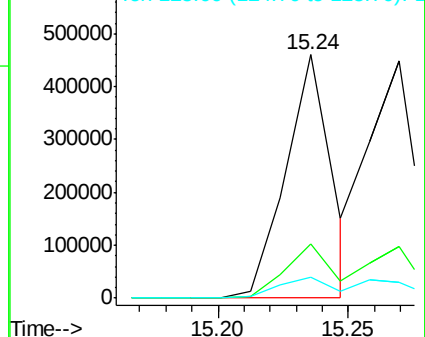
125 8.5 6.7 10.1

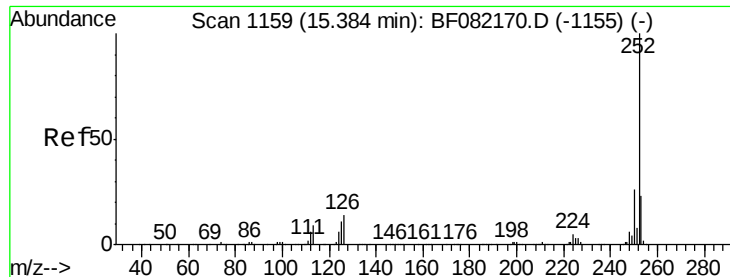


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

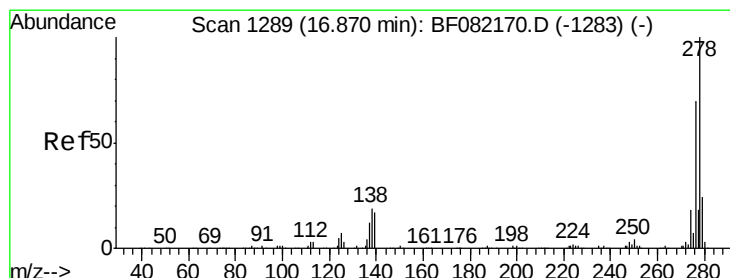
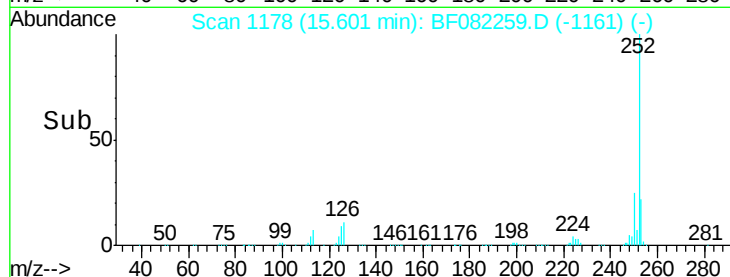
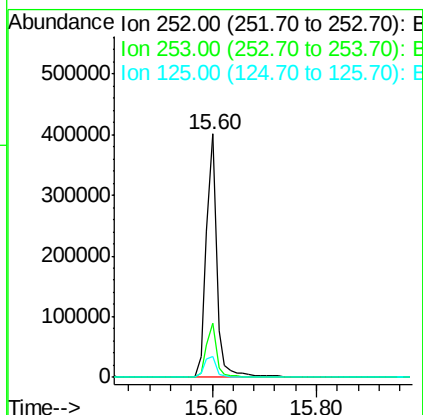
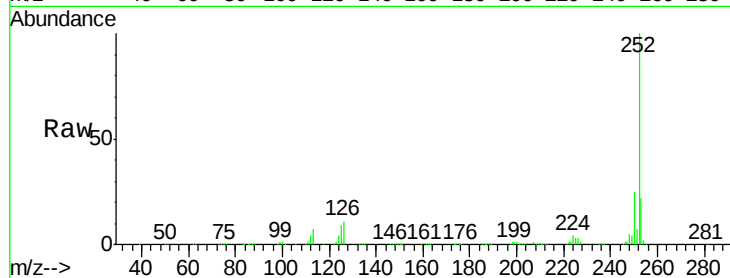




#89
Benzo(a)pyrene
Concen: 37.90 ng
RT: 15.60 min Scan# 1178
Delta R.T. -0.10 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

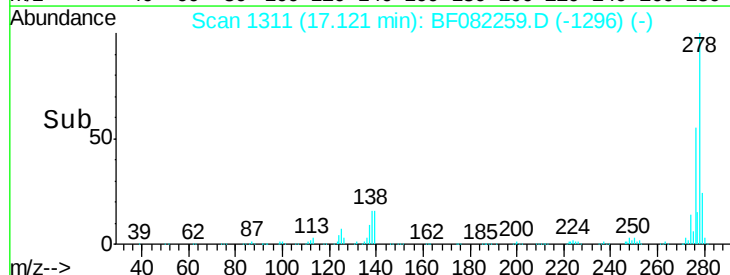
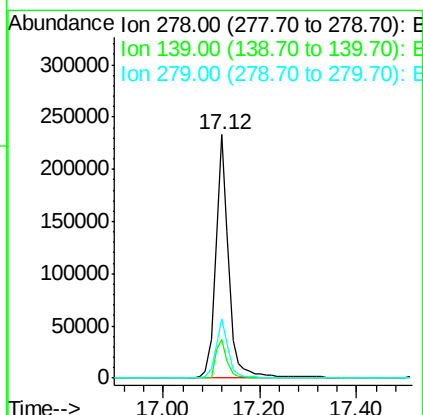
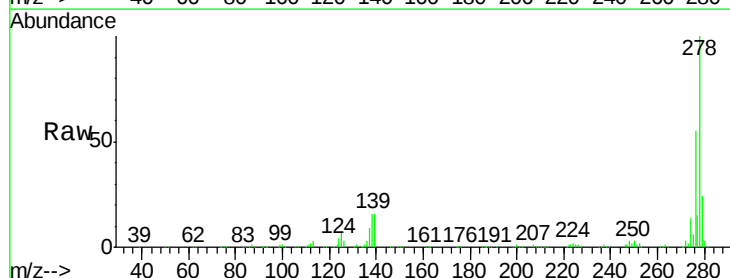
Instrument :
BNA_F
ClientSampleId :
PB86086BS

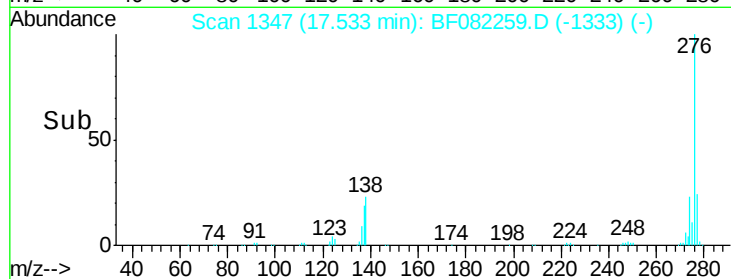
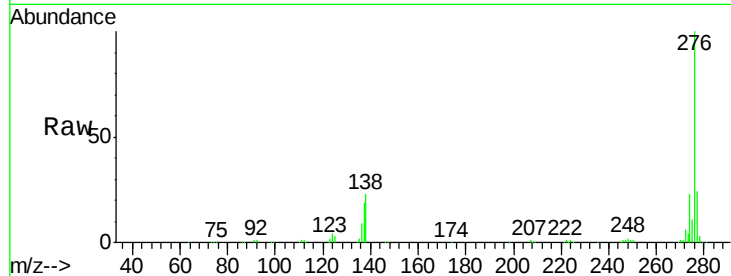
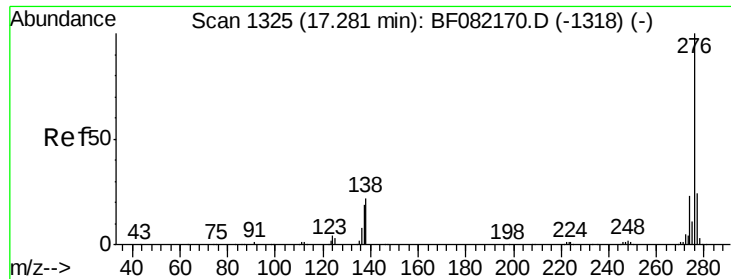
Tot Ion:252 Resp: 558489
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 8.6 8.9 13.3#



#90
Dibenzo(a,h)anthracene
Concen: 36.89 ng
RT: 17.12 min Scan# 1311
Delta R.T. -0.13 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion:278 Resp: 445462
Ion Ratio Lower Upper
278 100
139 15.9 13.3 19.9
279 24.1 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 36.93 ng

RT: 17.53 min Scan# 1347

Delta R.T. -0.14 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS

Tot Ion: 276 Resp: 433197

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 22.5 17.4 26.2

