

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082667.D
 Acq On : 3 Nov 2015 18:21
 Operator : UM/IZ
 Sample : PB86400BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Quant Time: Nov 04 03:16:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	174128	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	674338	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	344471	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	656497	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	554365	20.00	ng	0.00
86) Perylene-d12	15.49	264	488344	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1068181	92.39	ng	0.01
7) Phenol-d6	6.51	99	1487601	96.85	ng	0.00
23) Nitrobenzene-d5	7.44	82	1003685	60.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	441030	116.99	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1590304	65.55	ng	-0.01
78) Terphenyl-d14	12.99	244	1787520	70.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	148703	27.82	ng	97
3) Pyridine	3.28	79	401150	25.60	ng	99
4) n-Nitrosodimethylamine	3.21	42	214252	24.29	ng	91
6) Aniline	6.53	93	419890	19.63	ng	99
8) 2-Chlorophenol	6.66	128	391643	31.31	ng	# 79
9) Benzaldehyde	6.42	77	133419	12.72	ng	85
10) Phenol	6.52	94	606337	34.84	ng	92
11) bis(2-Chloroethyl)ether	6.61	93	437169	34.05	ng	88
12) 1,3-Dichlorobenzene	7.05	146	411237	28.83	ng	96
13) 1,4-Dichlorobenzene	6.82	146	452694	32.00	ng	97
14) 1,2-Dichlorobenzene	7.05	146	411306	31.32	ng	95
15) Benzyl Alcohol	7.01	79	413287	28.86	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	616156	30.20	ng	97
17) 2-Methylphenol	7.14	107	342114	32.17	ng	93
18) Hexachloroethane	7.40	117	166340	30.13	ng	# 77
19) n-Nitroso-di-n-propylamine	7.30	70	352772	30.30	ng	# 81
20) 3+4-Methylphenols	7.29	107	454055	32.85	ng	94
22) Acetophenone	7.29	105	599498	30.20	ng	# 88
24) Nitrobenzene	7.46	77	524005	31.39	ng	92
25) Isophorone	7.70	82	858951	28.27	ng	98
26) 2-Nitrophenol	7.78	139	214975	35.26	ng	# 76
27) 2,4-Dimethylphenol	7.82	122	395081	33.19	ng	91
28) bis(2-Chloroethoxy)methane	7.92	93	544216	32.75	ng	98
29) 2,4-Dichlorophenol	8.02	162	342869	31.60	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	385105	31.98	ng	95
31) Naphthalene	8.19	128	1203487	32.98	ng	98
32) Benzoic acid	7.93	122	242312	28.06	ng	93
33) 4-Chloroaniline	8.24	127	185011	11.88	ng	# 84
34) Hexachlorobutadiene	8.32	225	252424	32.96	ng	98
35) Caprolactam	8.59	113	106681	32.05	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	409612	32.06	ng	95
37) 2-Methylnaphthalene	8.88	142	730983	30.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	368273	32.04	ng	98
40) Hexachlorocyclopentadiene	9.05	237	493213	68.25	ng	96

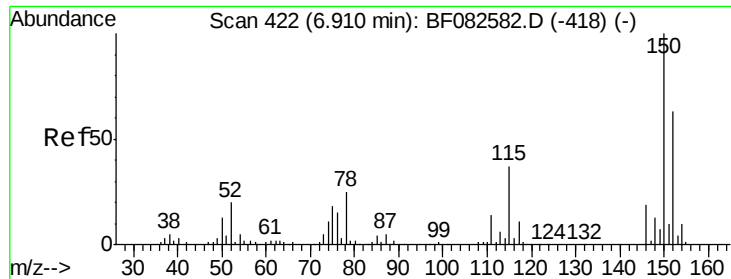
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082667.D
 Acq On : 3 Nov 2015 18:21
 Operator : UM/IZ
 Sample : PB86400BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	268056	32.30	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	286814	34.68	ng #	89
45) 1,1'-Biphenyl	9.34	154	993884	34.16	ng	97
46) 2-Chloronaphthalene	9.37	162	753202	33.15	ng	97
47) 2-Nitroaniline	9.46	65	297474	33.68	ng #	81
48) Acenaphthylene	9.78	152	1143214	31.46	ng	99
49) Dimethylphthalate	9.64	163	903378	32.11	ng	100
50) 2,6-Dinitrotoluene	9.70	165	183361	31.45	ng #	86
51) Acenaphthene	9.96	154	858677	37.22	ng	92
52) 3-Nitroaniline	9.87	138	126842	19.55	ng #	66
53) 2,4-Dinitrophenol	9.97	184	231687	75.04	ng #	27
54) Dibenzofuran	10.13	168	1104513	35.28	ng #	88
55) 4-Nitrophenol	10.03	139	365403	74.86	ng	90
56) 2,4-Dinitrotoluene	10.10	165	263583	33.43	ng #	84
57) Fluorene	10.46	166	817069	32.36	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	252583	36.14	ng #	86
59) Diethylphthalate	10.35	149	965439	33.71	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	430777	35.10	ng	90
61) 4-Nitroaniline	10.48	138	176891	28.57	ng	90
62) Azobenzene	10.62	77	1109574	34.35	ng	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	154925	39.13	ng #	71
65) n-Nitrosodiphenylamine	10.58	169	696309	30.85	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	273885	36.81	ng #	91
67) Hexachlorobenzene	11.02	284	294026	35.64	ng #	63
68) Atrazine	11.10	200	250720	33.96	ng	98
69) Pentachlorophenol	11.21	266	346657	63.73	ng	99
70) Phenanthrene	11.42	178	1289581	34.83	ng	99
71) Anthracene	11.48	178	1380025	37.02	ng	99
72) Carbazole	11.63	167	1048570	32.29	ng	99
73) Di-n-butylphthalate	11.97	149	1417421	34.29	ng	99
74) Fluoranthene	12.61	202	1270558	33.57	ng	98
76) Benzidine	12.74	184	620301	24.81	ng	99
77) Pyrene	12.84	202	1272121	30.99	ng	98
79) Butylbenzylphthalate	13.47	149	621559	34.57	ng	96
80) Benzo(a)anthracene	14.04	228	1225835	34.81	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	235566	19.41	ng	98
82) Chrysene	14.08	228	1158824	36.31	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	912727	39.16	ng	100
84) Di-n-octyl phthalate	14.66	149	1430741	39.35	ng	97
85) Indeno(1,2,3-cd)pyrene	16.91	276	1005080	38.16	ng	99
87) Benzo(b)fluoranthene	15.08	252	951017	28.24	ng	99
88) Benzo(k)fluoranthene	15.08	252	951017	37.07	ng #	97
89) Benzo(a)pyrene	15.44	252	900343	33.95	ng	98
90) Dibenzo(a,h)anthracene	16.93	278	832390	33.64	ng	99
91) Benzo(g,h,i)perylene	17.33	276	810766	33.81	ng	98

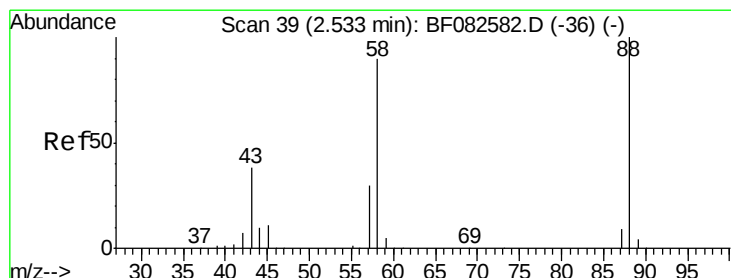
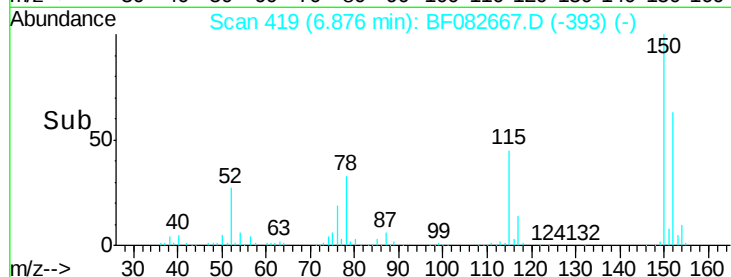
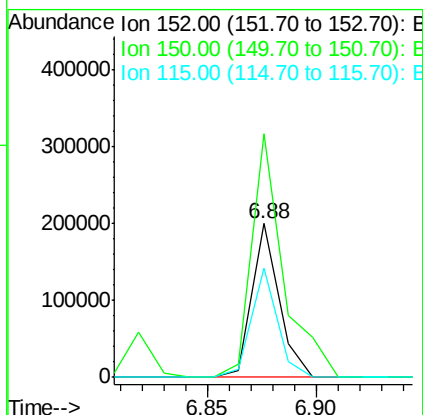
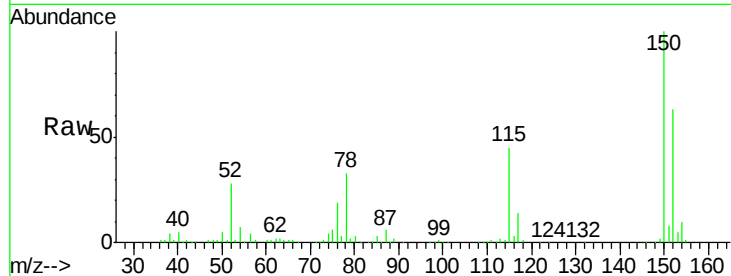
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

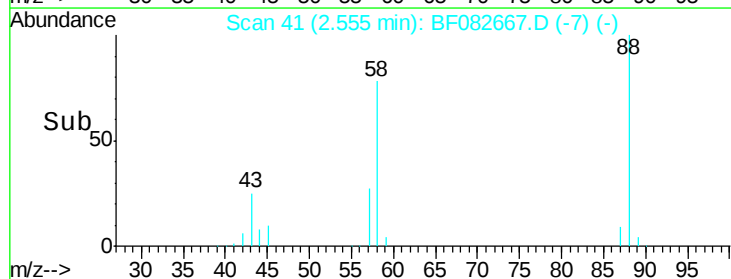
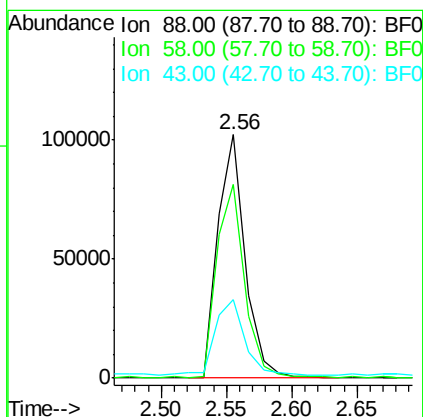
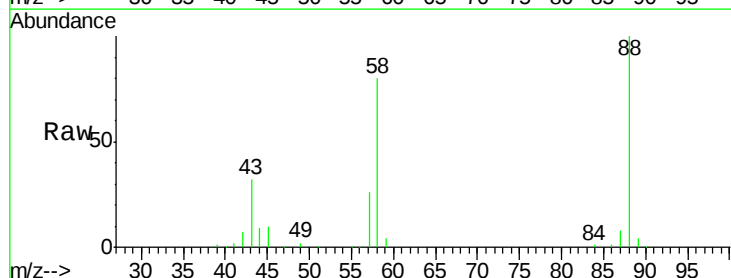
Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

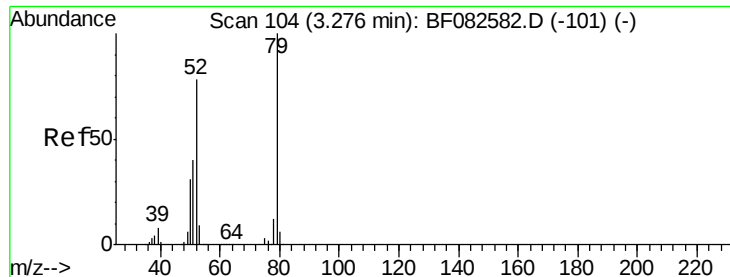
Tgt Ion:152 Resp: 174128
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.0 190.4
 115 71.2 47.0 70.6#



#2
 1,4-Dioxane
 Concen: 27.82 ng
 RT: 2.56 min Scan# 41
 Delta R.T. 0.09 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion: 88 Resp: 148703
 Ion Ratio Lower Upper
 88 100
 58 80.5 62.0 93.0
 43 34.3 26.6 40.0





#3

Pyridine

Concen: 25.60 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampled :

PB86400BS

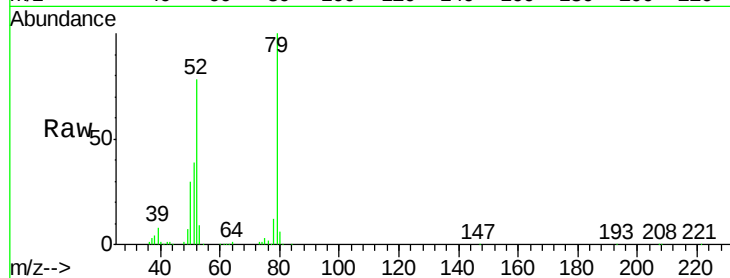
Tgt Ion: 79 Resp: 401150

Ion Ratio Lower Upper

79 100

52 78.2 62.8 94.2

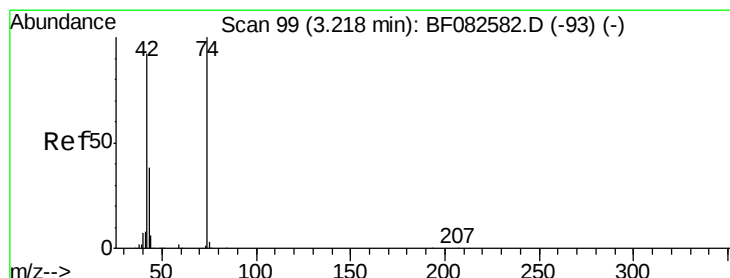
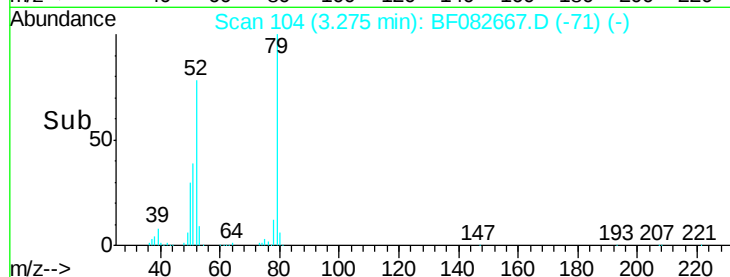
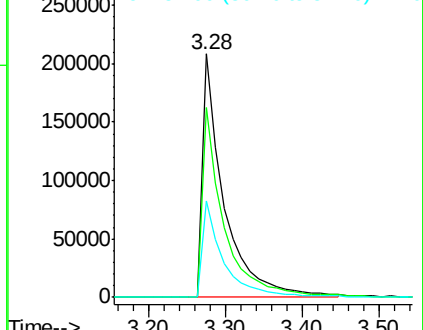
51 39.4 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 24.29 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.07 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

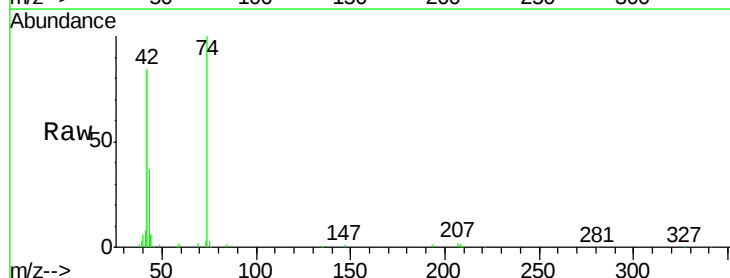
Tgt Ion: 42 Resp: 214252

Ion Ratio Lower Upper

42 100

74 118.4 87.0 130.4

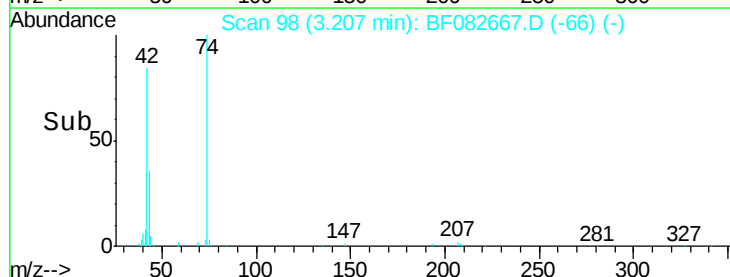
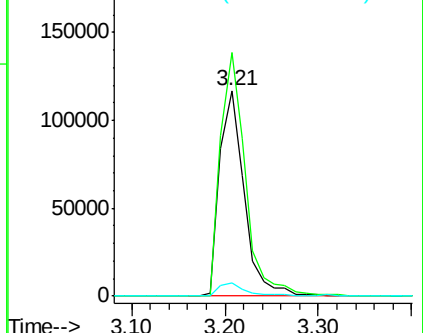
44 6.7 5.8 8.8

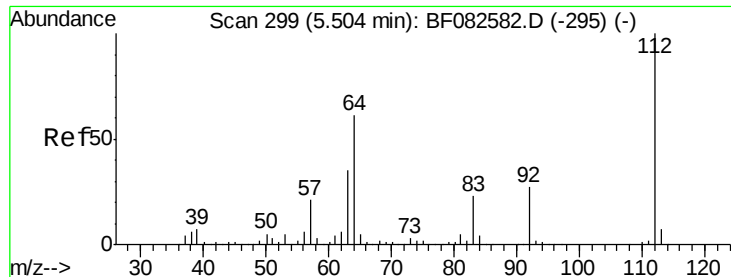


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 92.39 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

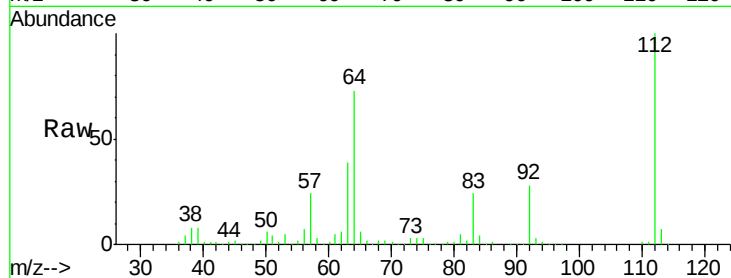
Tgt Ion: 112 Resp: 1068181

Ion Ratio Lower Upper

112 100

64 72.5 48.9 73.3

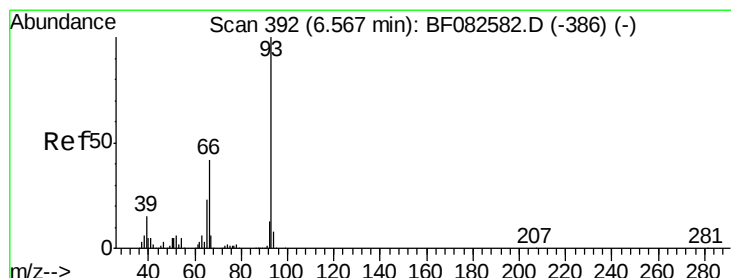
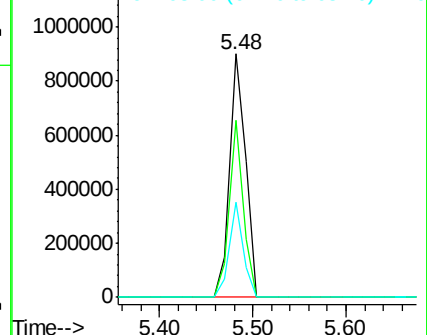
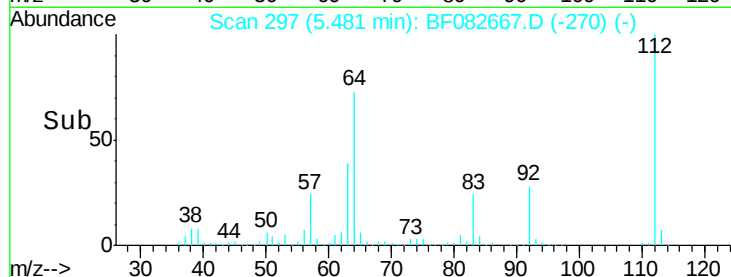
63 39.0 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.63 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

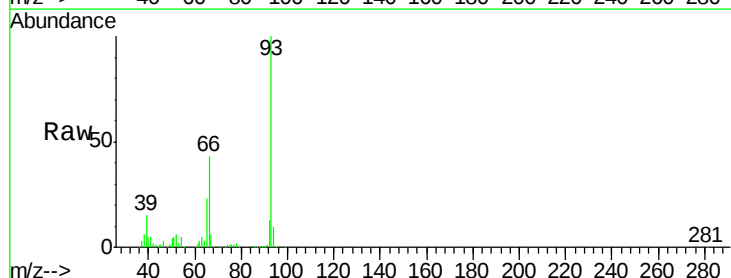
Tgt Ion: 93 Resp: 419890

Ion Ratio Lower Upper

93 100

66 42.7 33.6 50.4

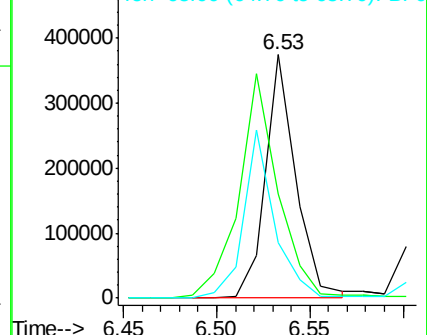
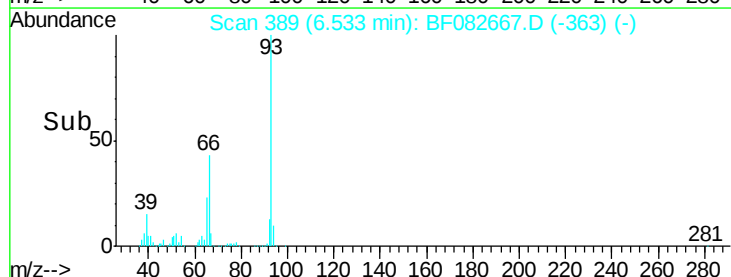
65 22.5 18.1 27.1

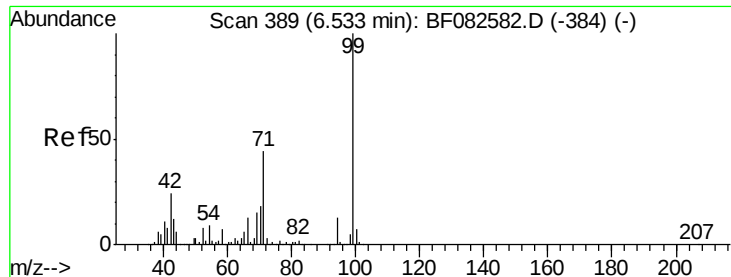


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.85 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

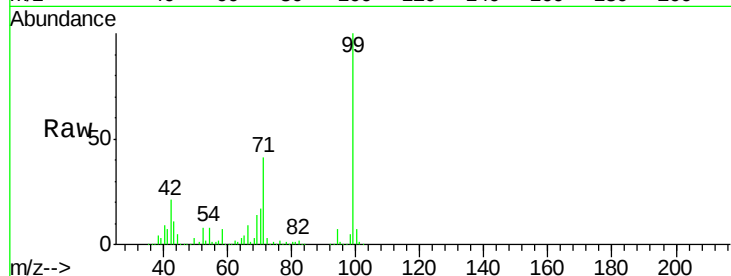
Tgt Ion: 99 Resp: 1487601

Ion Ratio Lower Upper

99 100

42 21.2 19.2 28.8

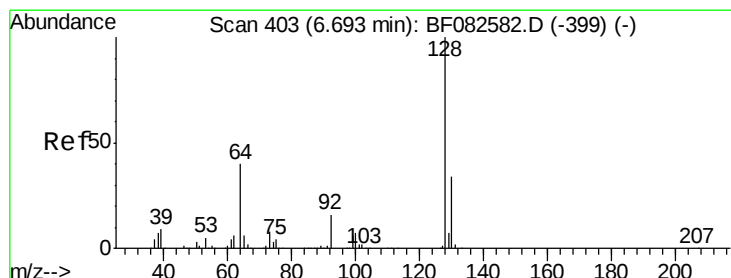
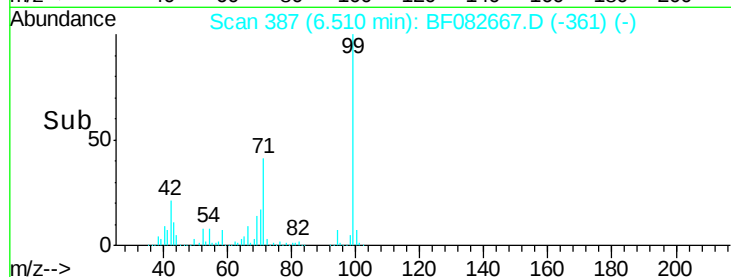
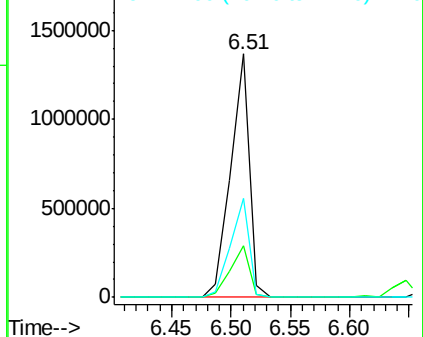
71 40.7 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.31 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

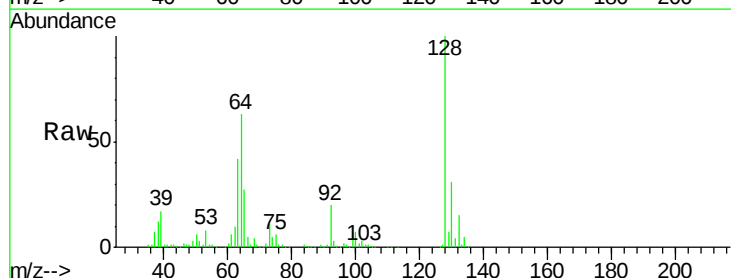
Tgt Ion: 128 Resp: 391643

Ion Ratio Lower Upper

128 100

130 31.4 13.5 53.5

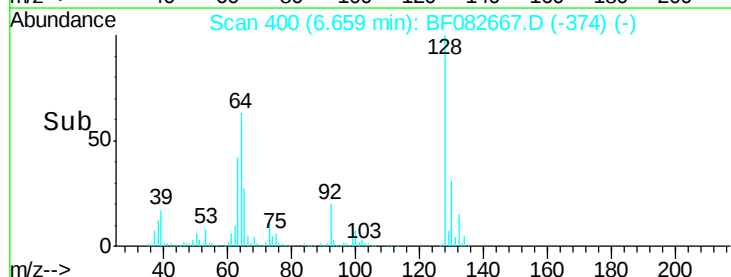
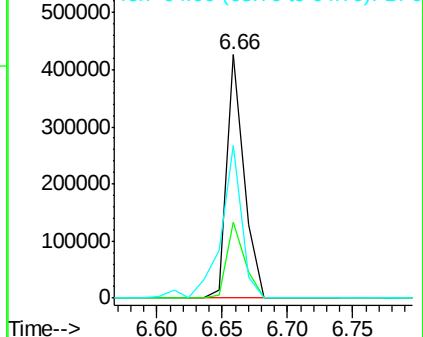
64 62.8 21.1 61.1#

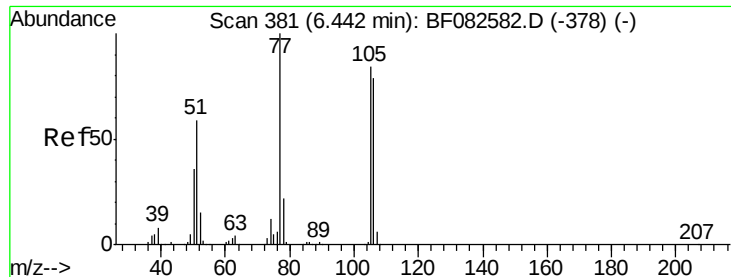


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.72 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

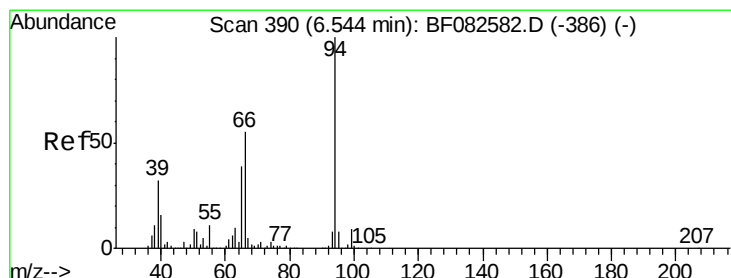
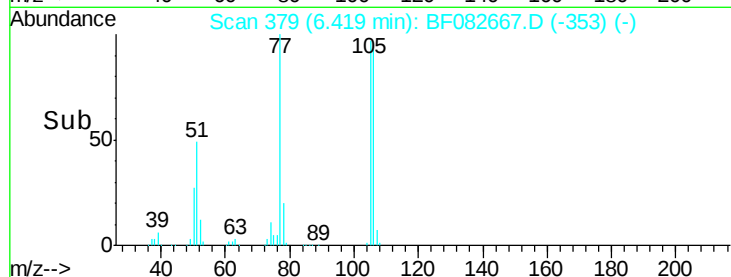
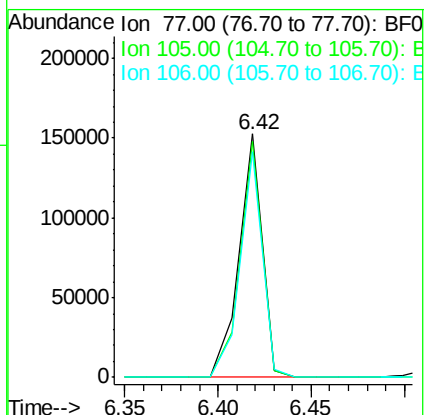
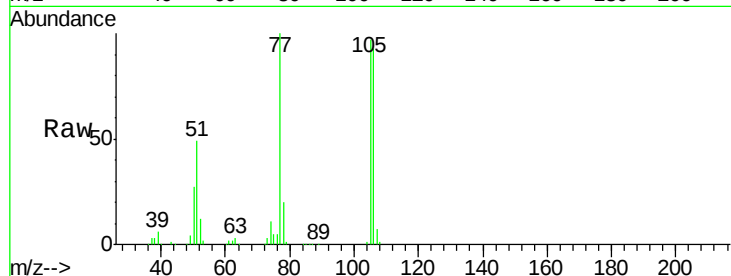
Tgt Ion: 77 Resp: 133419

Ion Ratio Lower Upper

77 100

105 96.9 63.5 103.5

106 92.8 59.3 99.3



#10

Phenol

Concen: 34.84 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

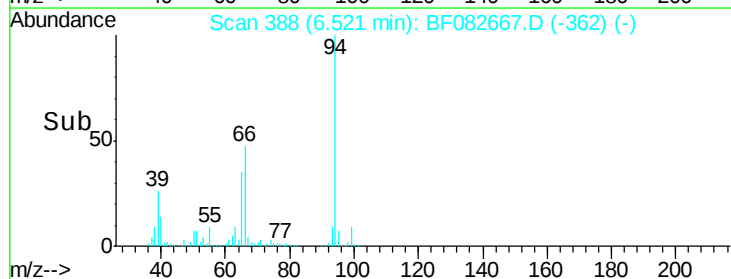
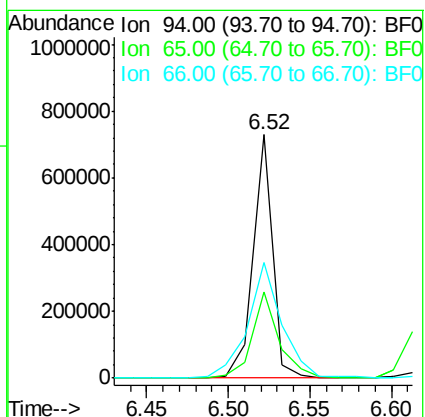
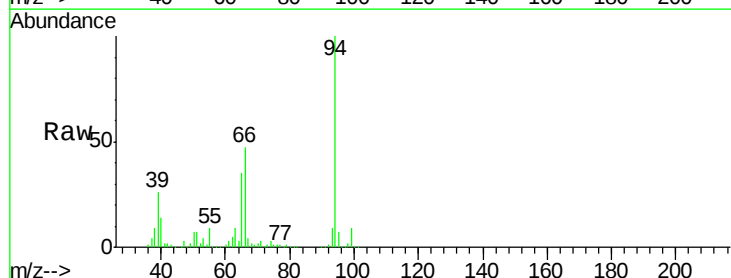
Tgt Ion: 94 Resp: 606337

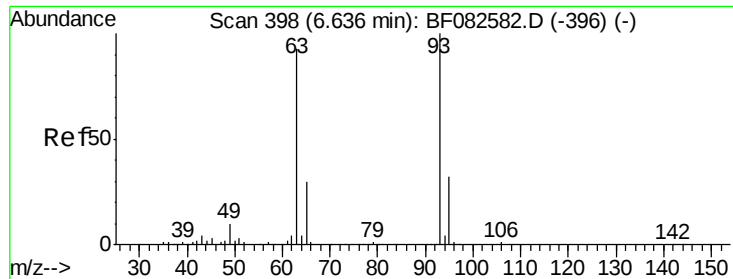
Ion Ratio Lower Upper

94 100

65 35.4 18.9 58.9

66 47.4 34.9 74.9

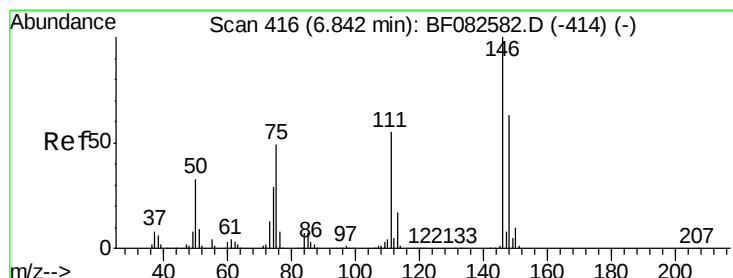
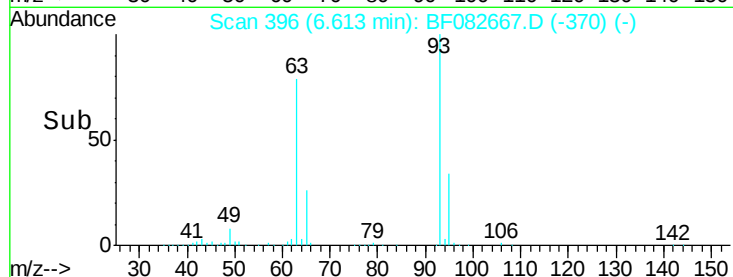
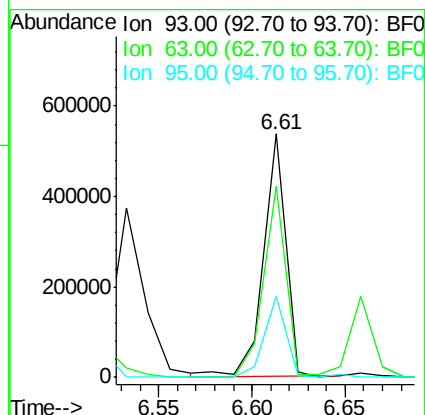
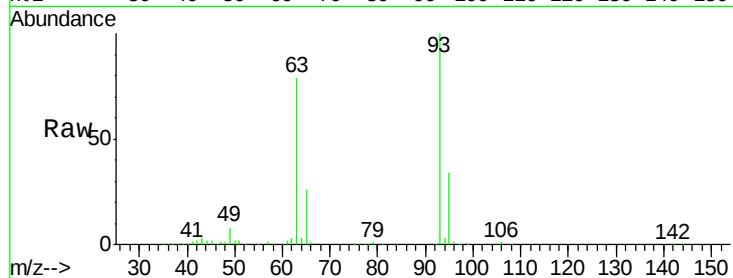




#11
bis(2-Chloroethyl)ether
Concen: 34.05 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

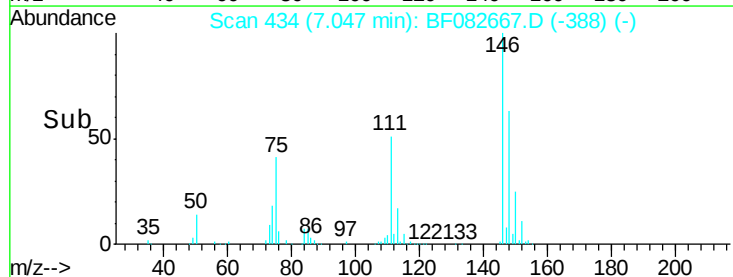
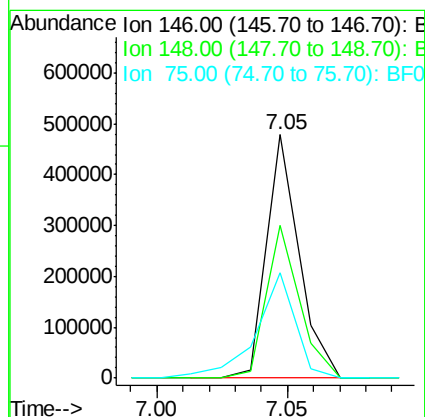
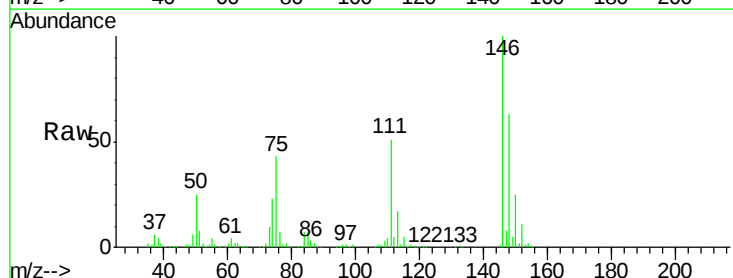
Instrument :
BNA_F
ClientSampleId :
PB86400BS

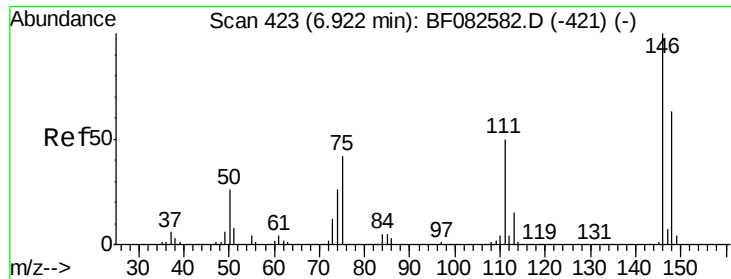
Tgt Ion: 93 Resp: 437169
Ion Ratio Lower Upper
93 100
63 78.7 72.7 112.7
95 33.5 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 28.83 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.23 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion: 146 Resp: 411237
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 43.0 39.5 59.3

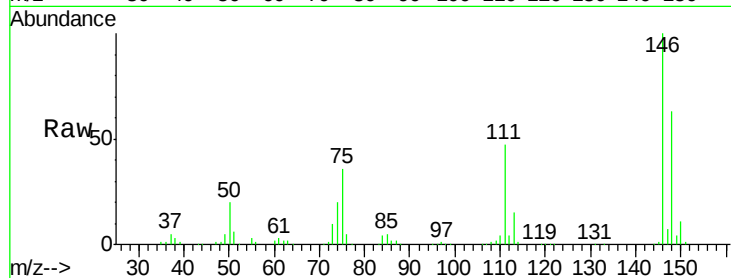




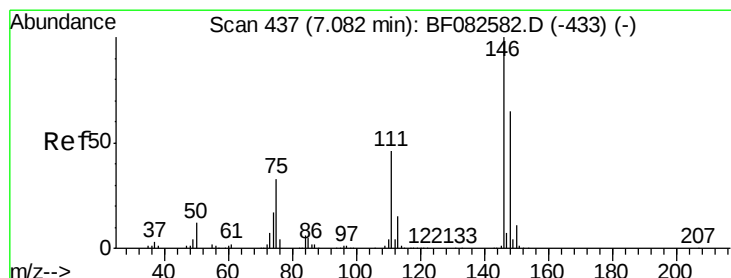
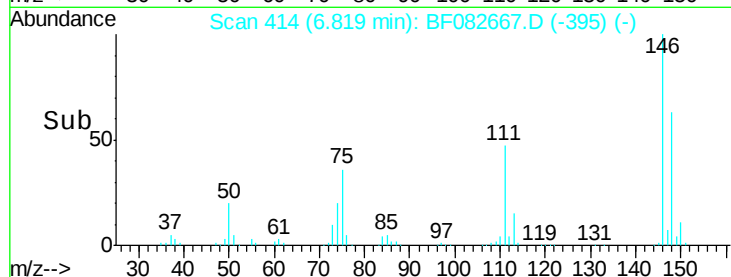
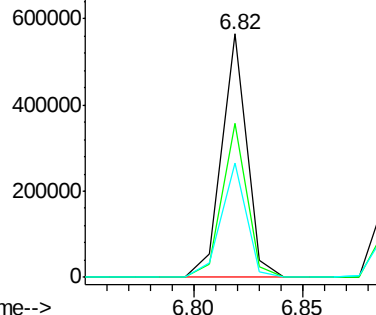
#13
 1,4-Dichlorobenzene
 Concen: 32.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.08 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion:146 Resp: 452694
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 46.9 40.6 60.8

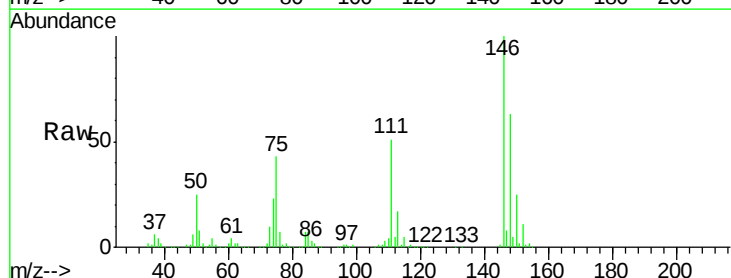


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

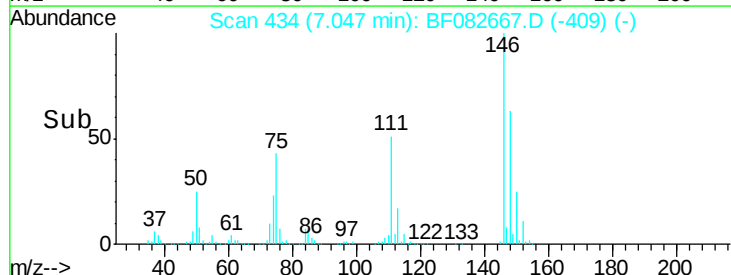
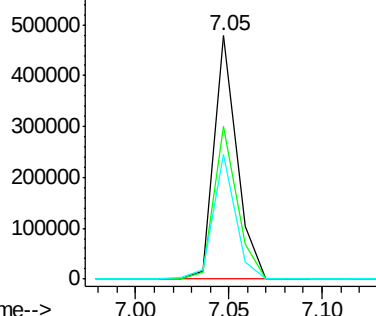


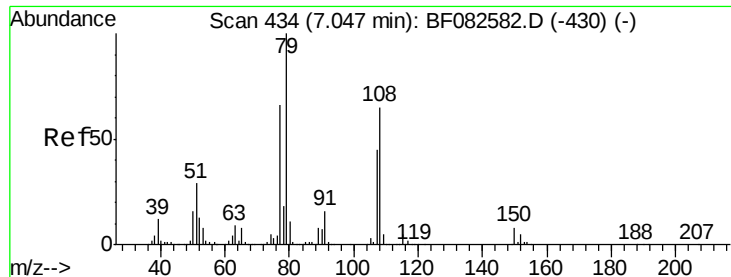
#14
 1,2-Dichlorobenzene
 Concen: 31.32 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:146 Resp: 411306
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.4
 111 51.0 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.86 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

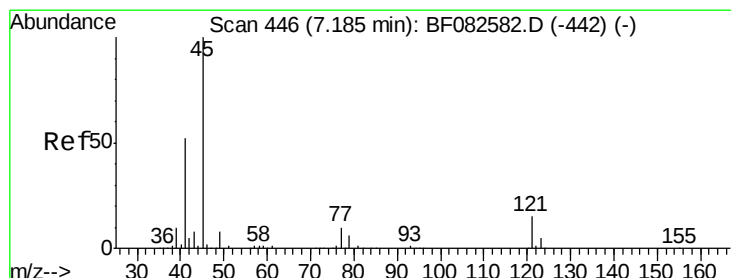
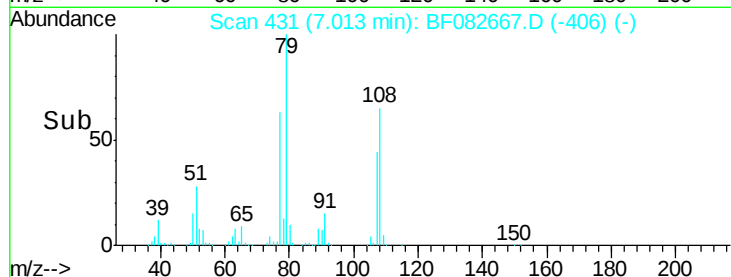
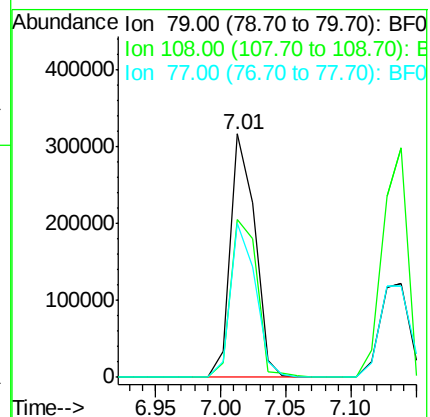
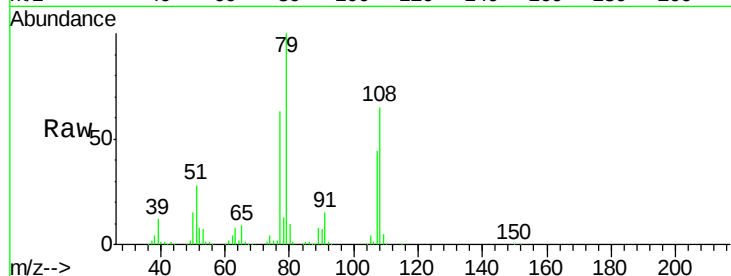
Tgt Ion: 79 Resp: 413287

Ion Ratio Lower Upper

79 100

108 65.1 52.2 78.4

77 63.2 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.20 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

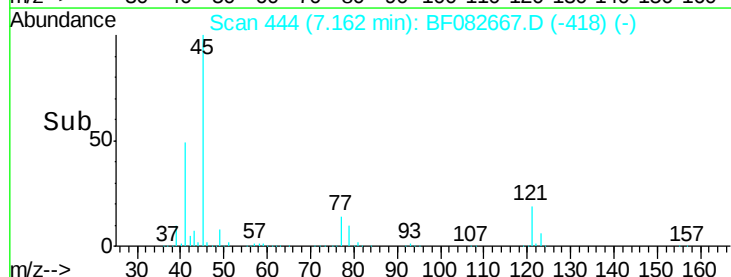
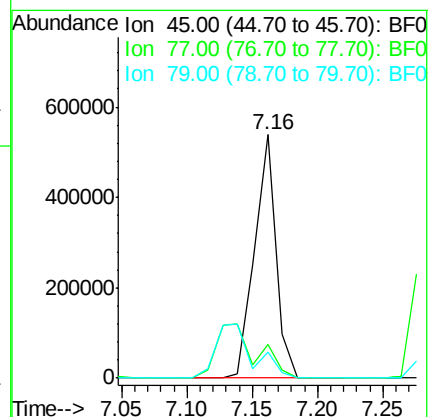
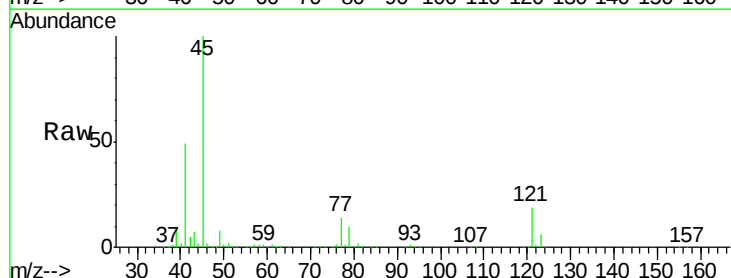
Tgt Ion: 45 Resp: 616156

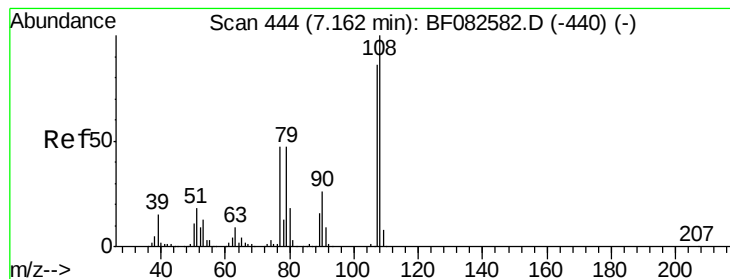
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.6

79 10.5 0.0 29.2





#17

2-Methylphenol

Concen: 32.17 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

Tgt Ion:107 Resp: 342114

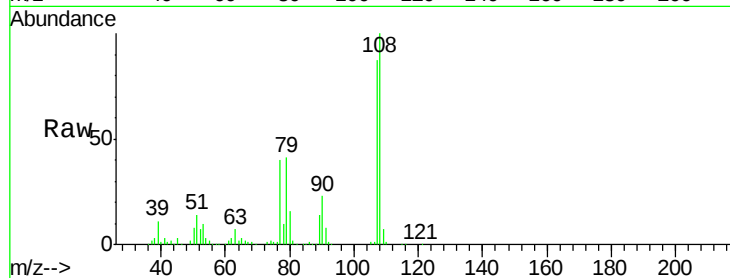
Ion Ratio Lower Upper

107 100

108 114.6 93.0 139.4

77 45.8 44.1 66.1

79 46.7 43.6 65.4



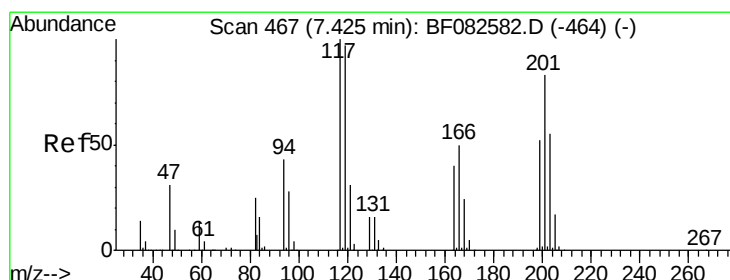
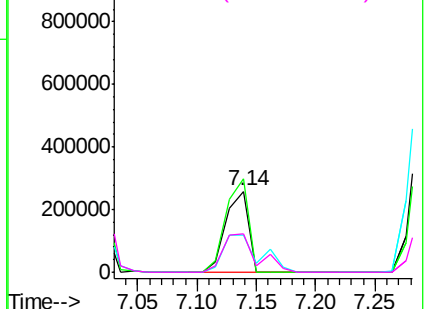
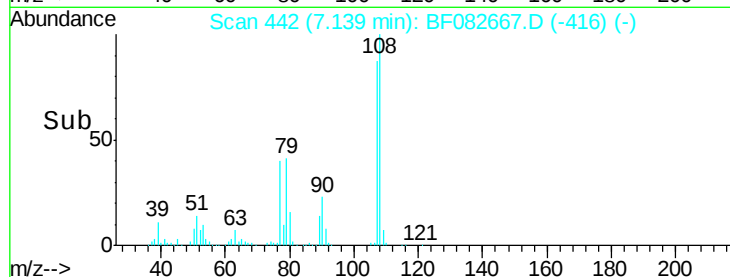
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.13 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

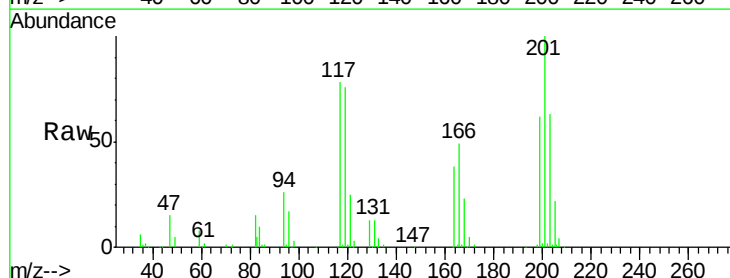
Tgt Ion:117 Resp: 166340

Ion Ratio Lower Upper

117 100

119 97.0 77.7 116.5

201 128.4 66.7 100.1#

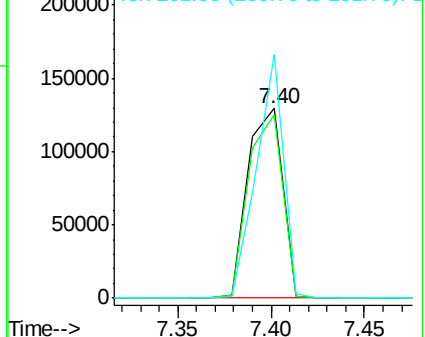
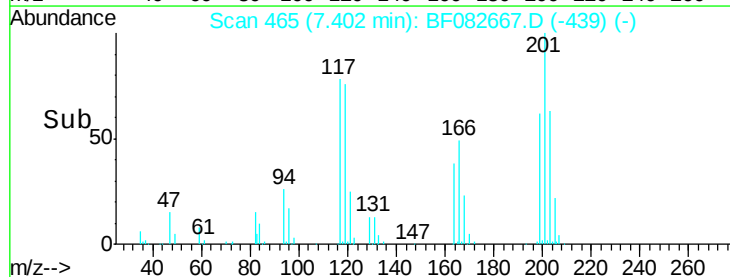


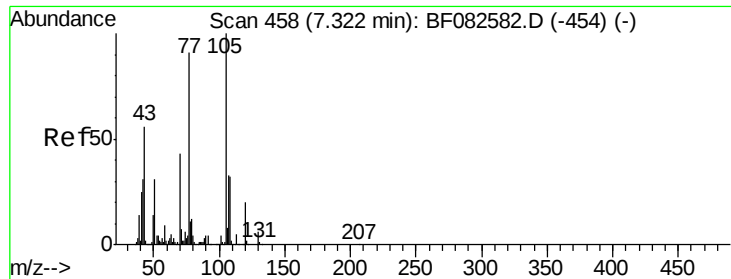
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

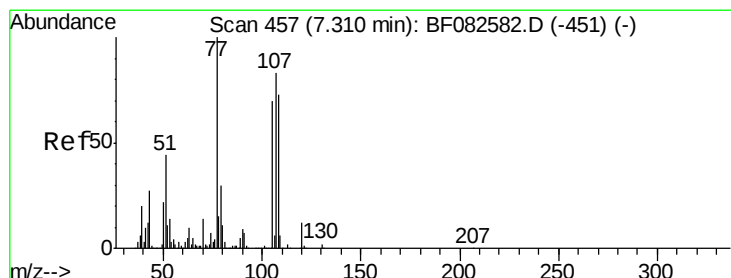
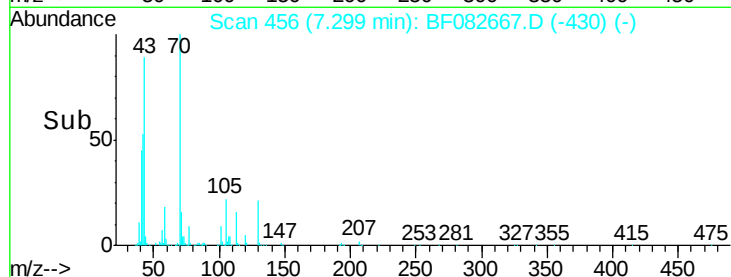
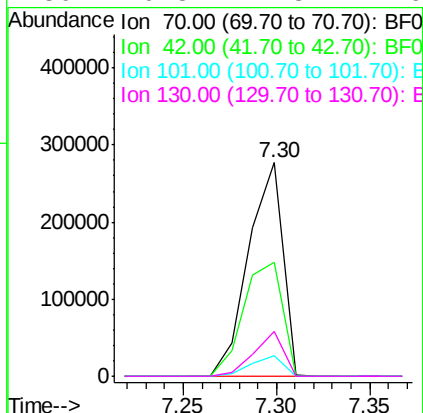
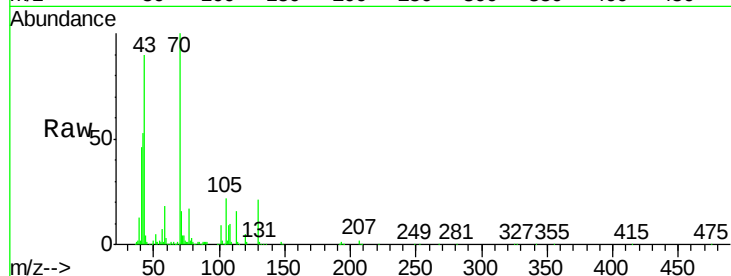




#19
n-Nitroso-di-n-propylamine
Concen: 30.30 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

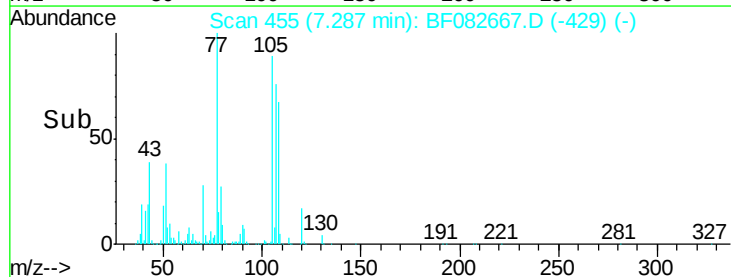
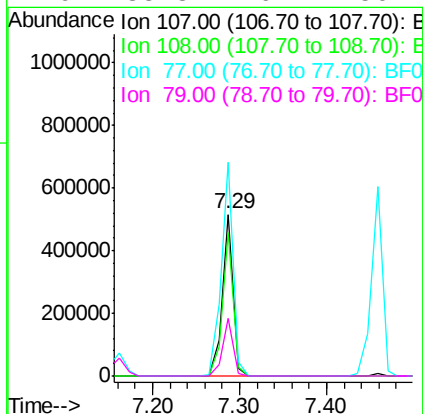
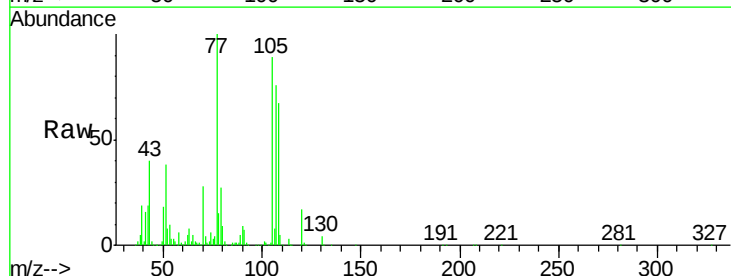
Instrument :
BNA_F
ClientSampleId :
PB86400BS

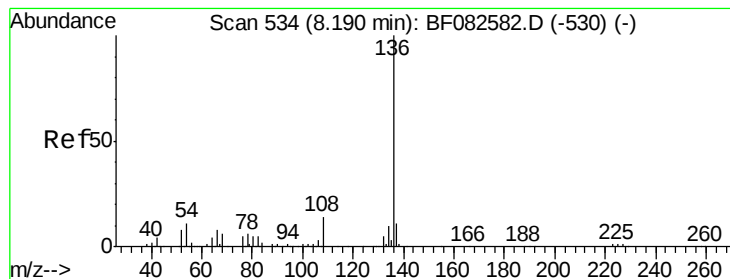
Tgt Ion: 70 Resp: 352772
Ion Ratio Lower Upper
70 100
42 53.3 57.7 86.5#
101 9.4 7.0 10.6
130 20.8 11.8 17.6#



#20
3+4-Methylphenols
Concen: 32.85 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion: 107 Resp: 454055
Ion Ratio Lower Upper
107 100
108 88.6 67.3 107.3
77 132.1 100.3 140.3
79 35.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

Tgt Ion:136 Resp: 674338

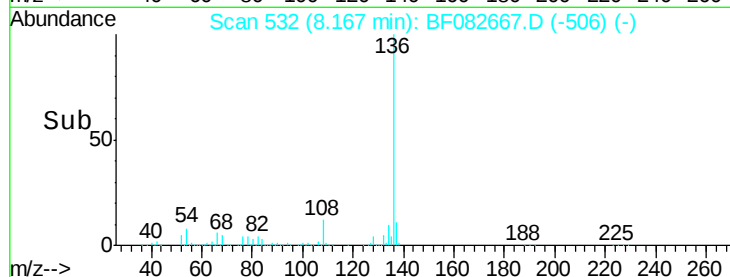
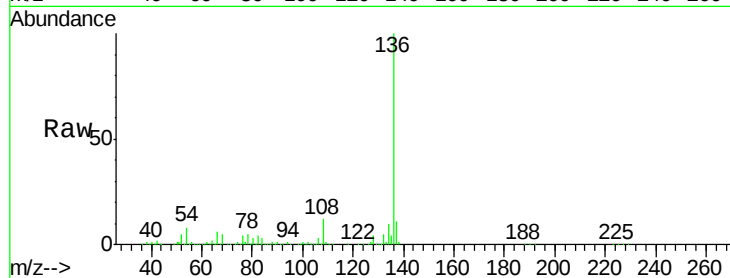
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 9.1 13.7#

68 5.2 4.8 7.2

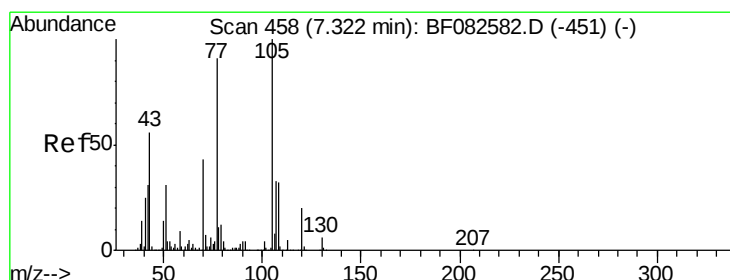
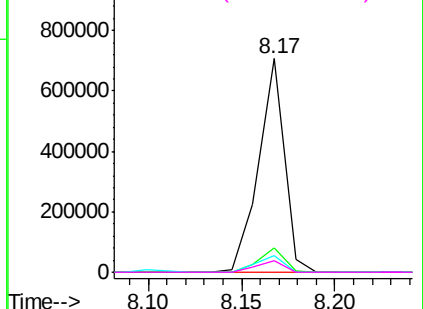


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.20 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:105 Resp: 599498

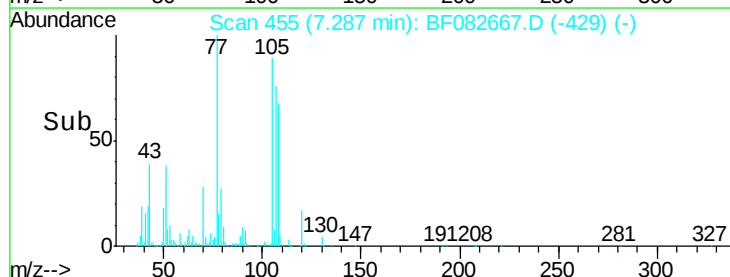
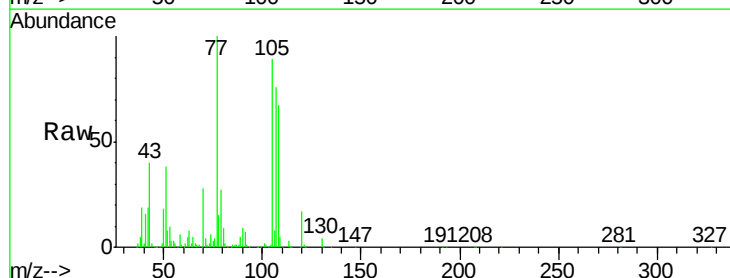
Ion Ratio Lower Upper

105 100

71 5.0 5.6 8.4#

51 42.6 24.9 37.3#

120 19.7 15.8 23.8

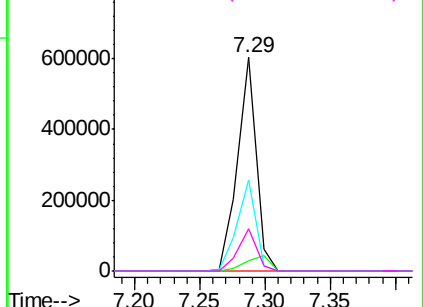


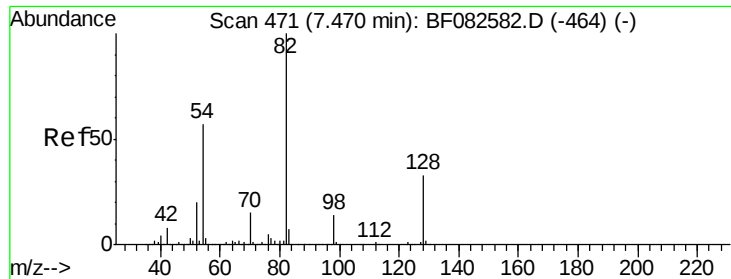
Abundance Ion 105.00 (104.70 to 105.70): E

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

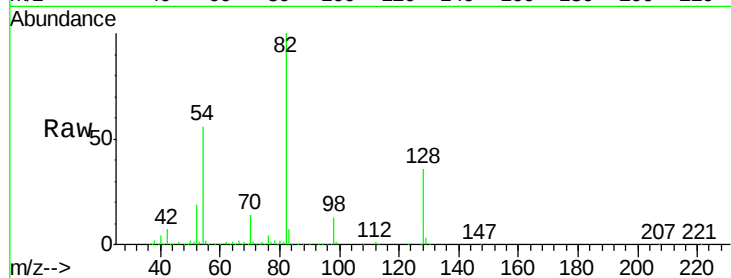




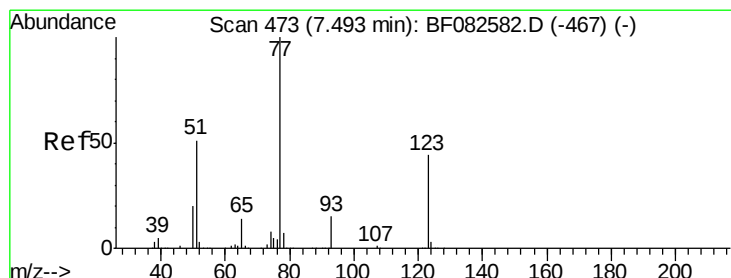
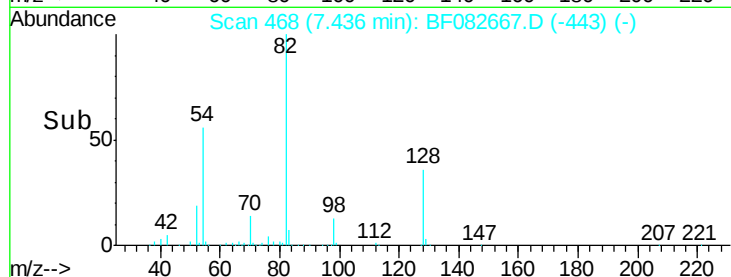
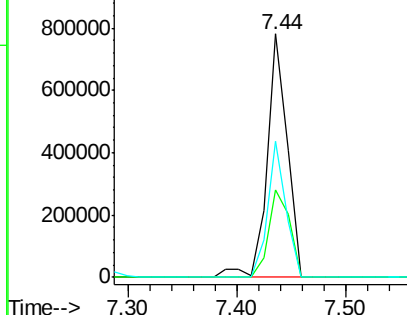
#23
 Nitrobenzene-d5
 Concen: 60.78 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion: 82 Resp: 1003685
 Ion Ratio Lower Upper
 82 100
 128 35.8 26.8 40.2
 54 55.8 45.7 68.5

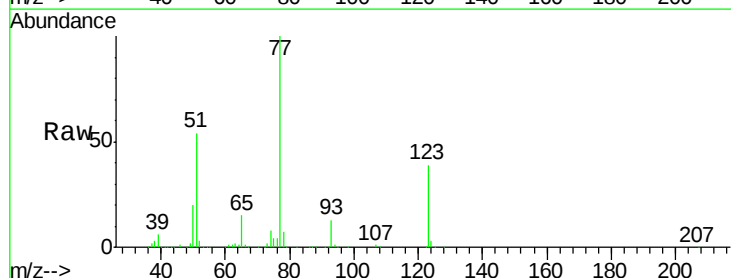


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

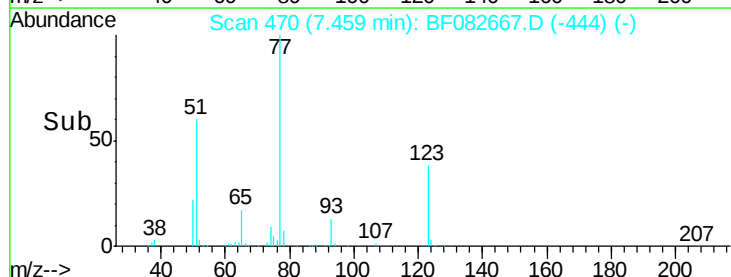
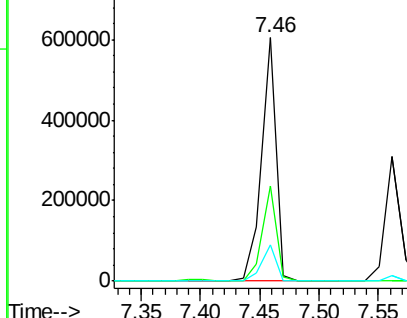


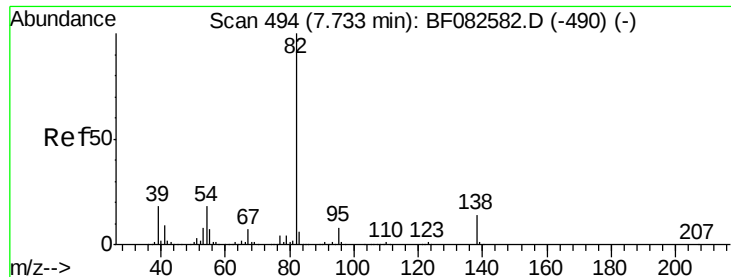
#24
 Nitrobenzene
 Concen: 31.39 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion: 77 Resp: 524005
 Ion Ratio Lower Upper
 77 100
 123 39.0 36.4 54.6
 65 14.9 11.5 17.3



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

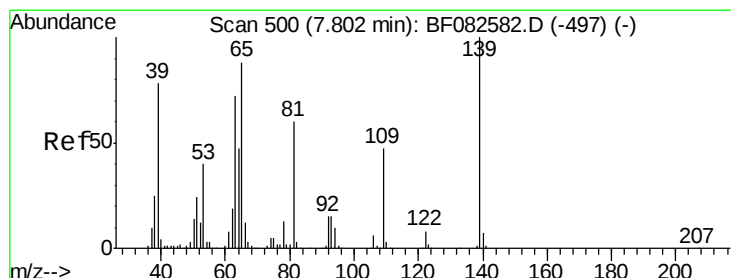
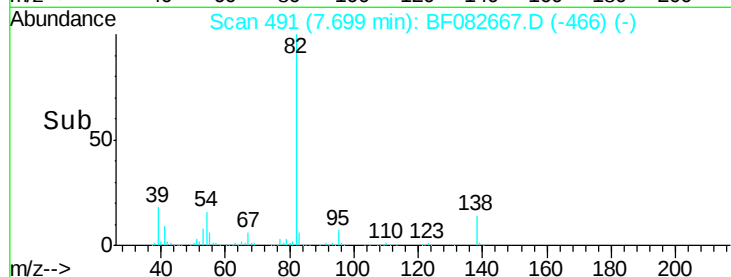
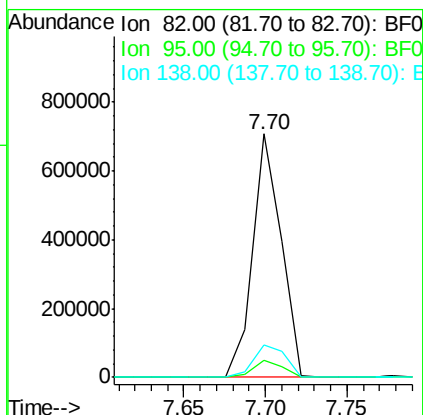
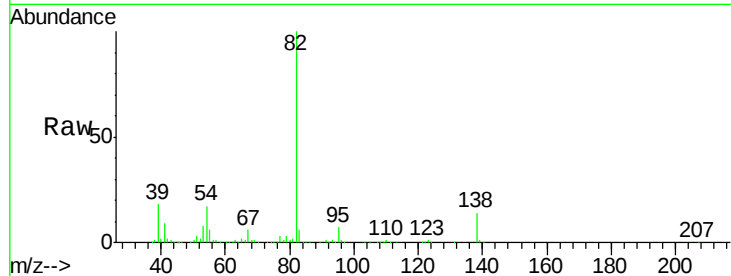




#25
Isophorone
Concen: 28.27 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

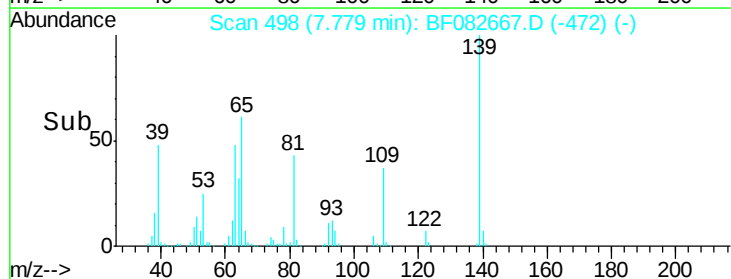
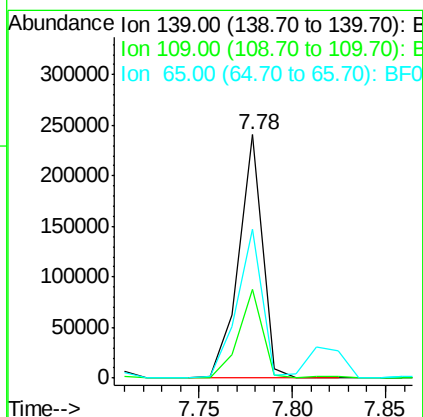
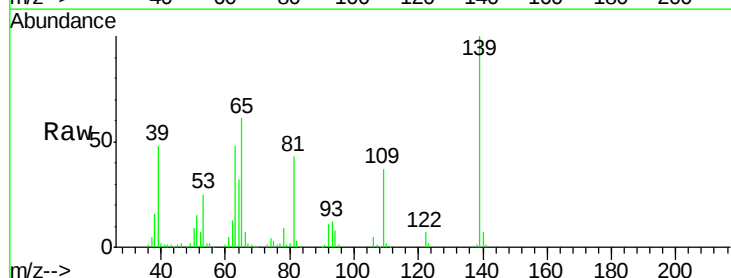
Instrument :
BNA_F
ClientSampleId :
PB86400BS

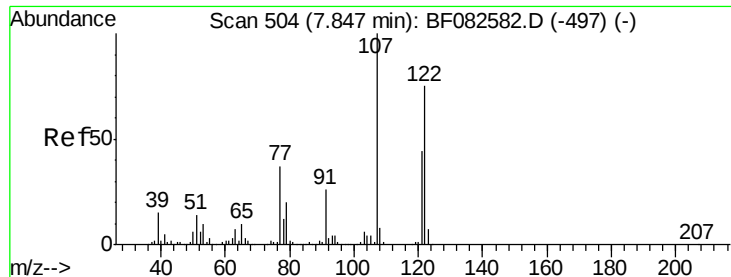
Tgt Ion: 82 Resp: 858951
Ion Ratio Lower Upper
82 100
95 7.2 6.6 9.8
138 13.5 11.4 17.0



#26
2-Nitrophenol
Concen: 35.26 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion: 139 Resp: 214975
Ion Ratio Lower Upper
139 100
109 36.6 37.6 56.4#
65 61.3 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 33.19 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

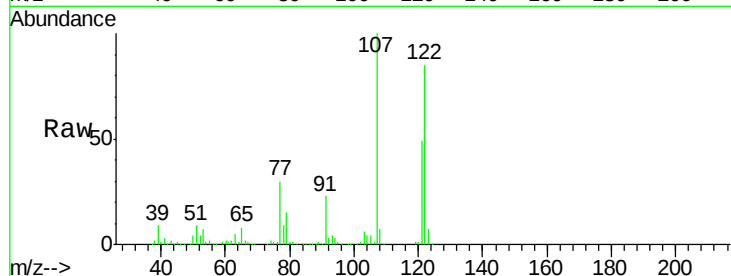
Tgt Ion:122 Resp: 395081

Ion Ratio Lower Upper

122 100

107 118.0 106.0 159.0

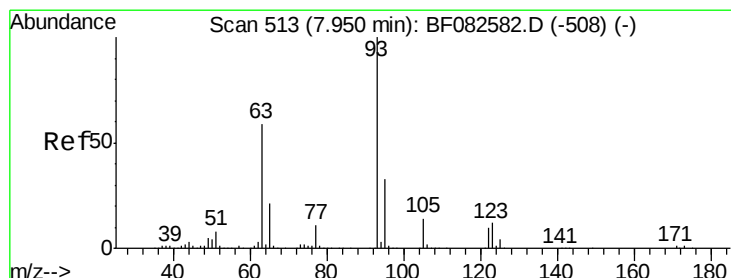
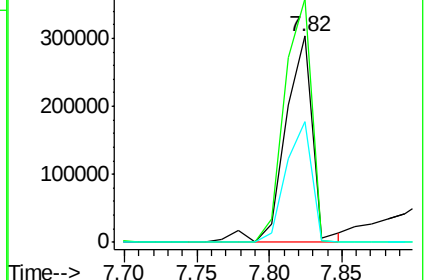
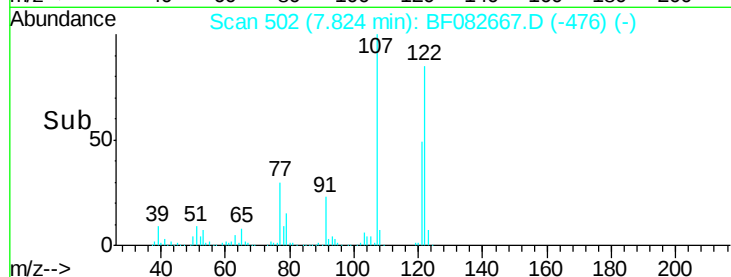
121 58.4 46.7 70.1



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: 32.75 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

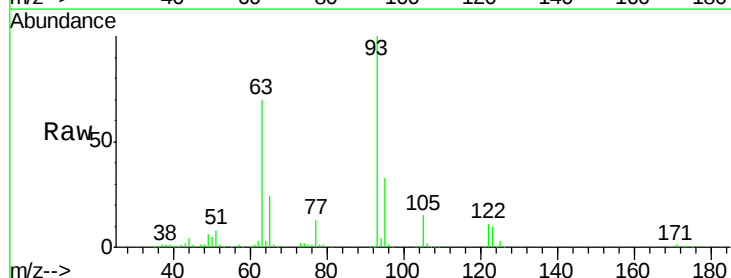
Tgt Ion: 93 Resp: 544216

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

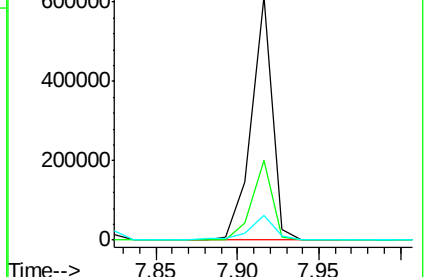
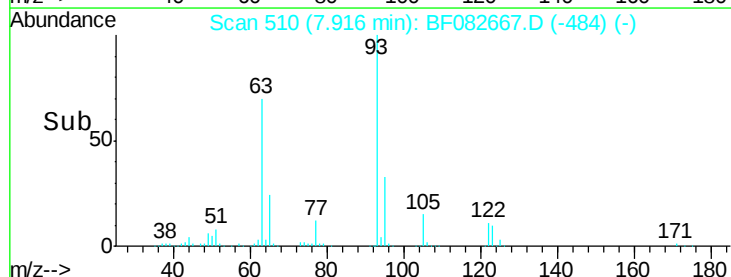
123 10.4 9.7 14.5

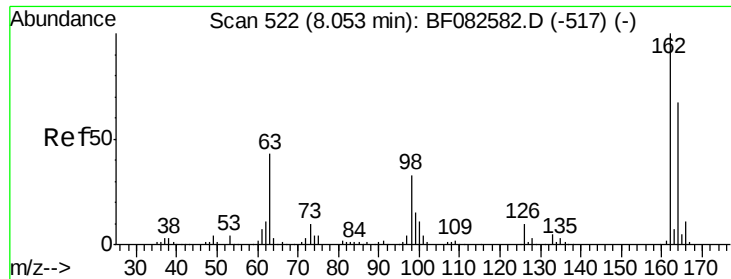


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

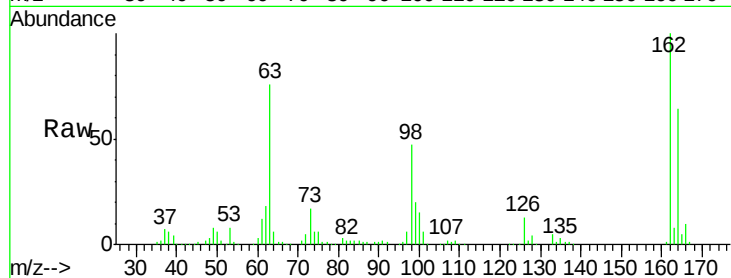




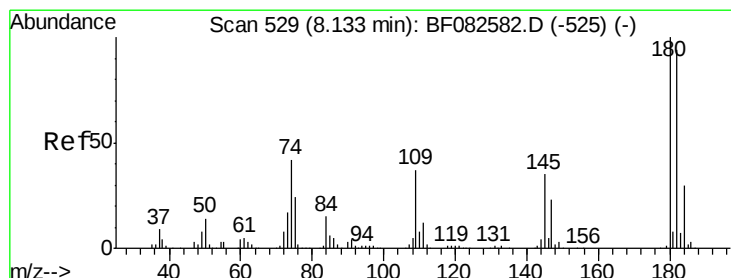
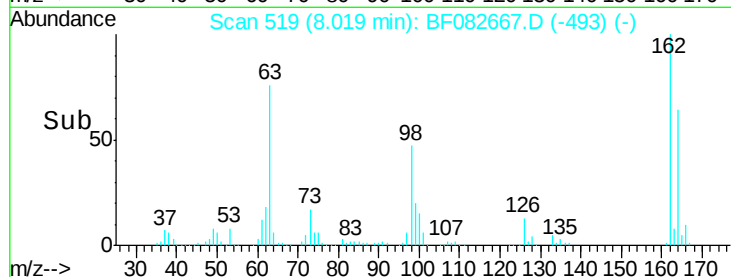
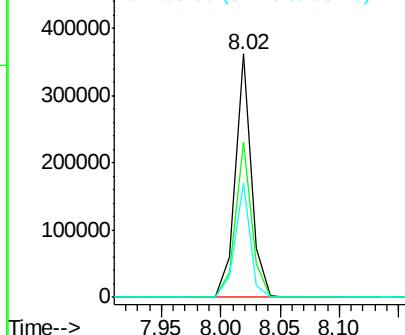
#29
 2,4-Dichlorophenol
 Concen: 31.60 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion:162 Resp: 342869
 Ion Ratio Lower Upper
 162 100
 164 63.8 46.8 86.8
 98 47.1 12.5 52.5

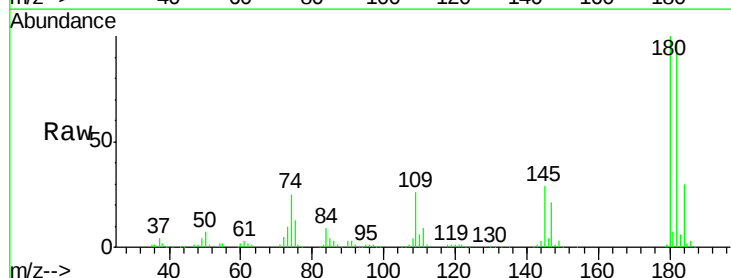


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

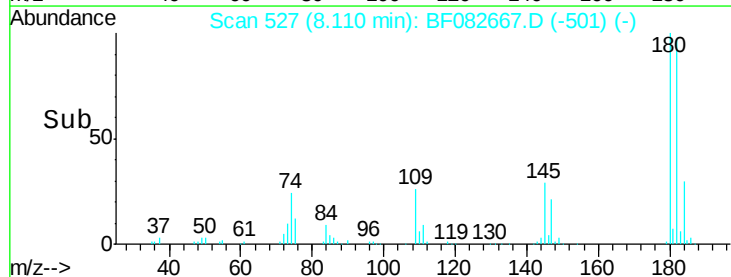
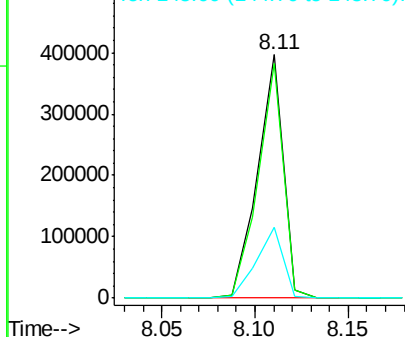


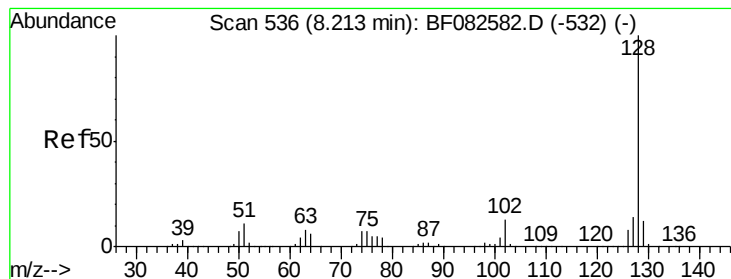
#30
 1,2,4-Trichlorobenzene
 Concen: 31.98 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:180 Resp: 385105
 Ion Ratio Lower Upper
 180 100
 182 96.6 74.9 112.3
 145 29.3 27.8 41.8



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: 32.98 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

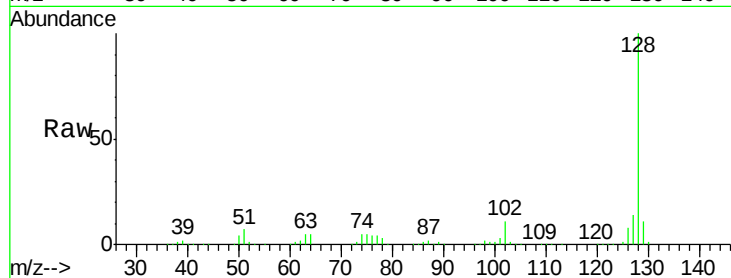
Tgt Ion:128 Resp: 1203487

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

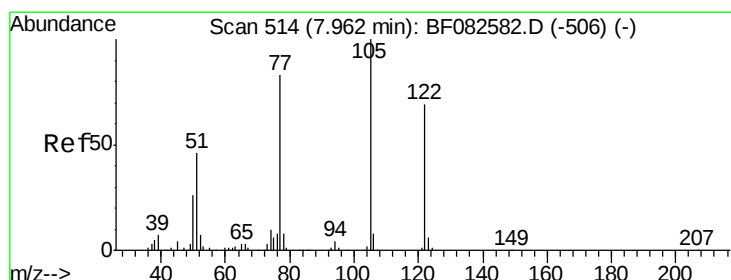
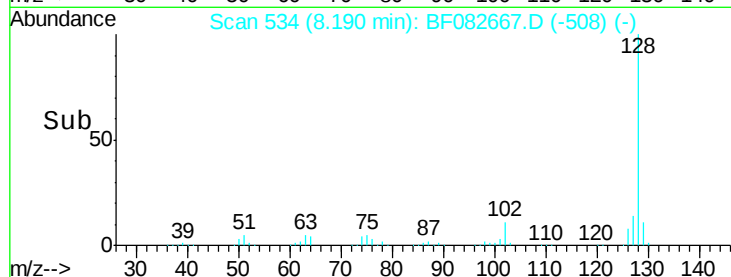
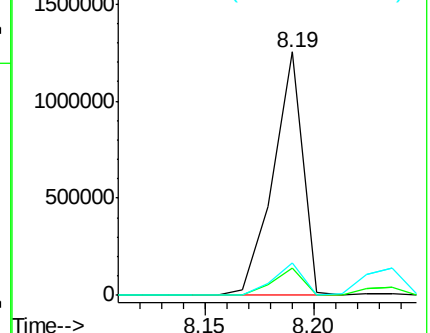
127 13.6 11.4 17.0



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: 28.06 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

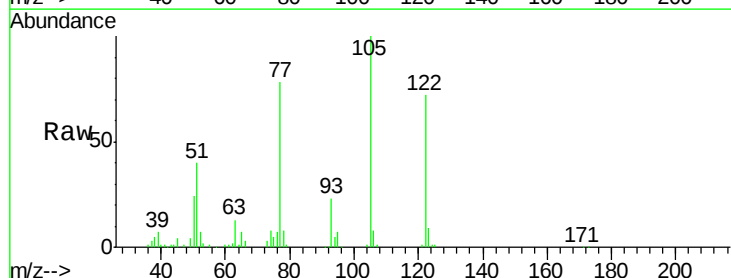
Tgt Ion:122 Resp: 242312

Ion Ratio Lower Upper

122 100

105 138.3 122.6 162.6

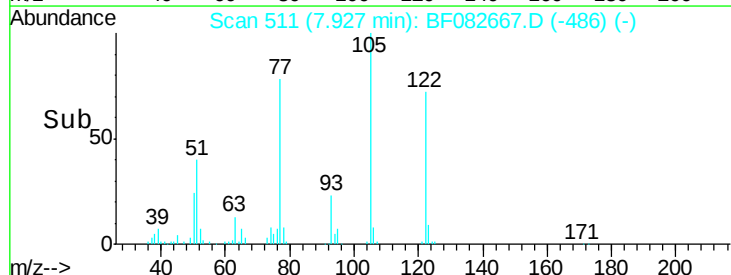
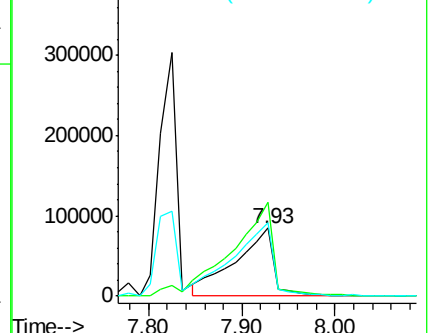
77 108.5 100.9 140.9

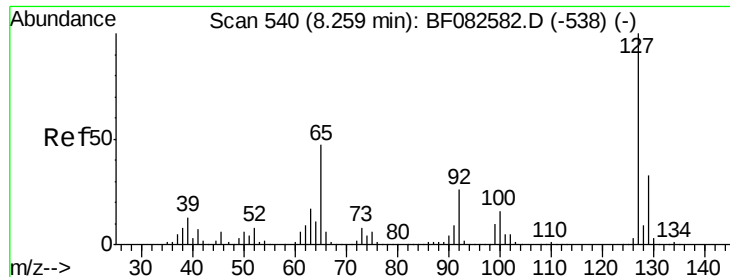


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

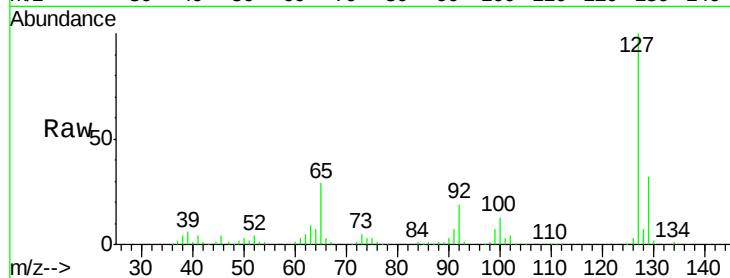




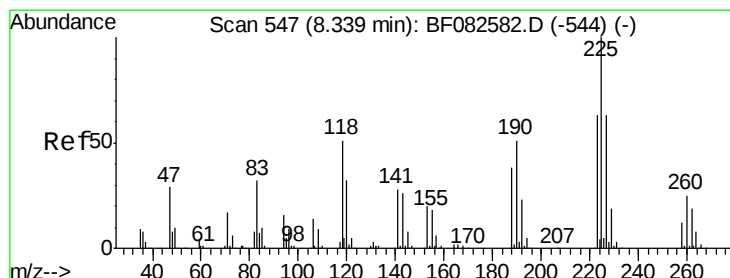
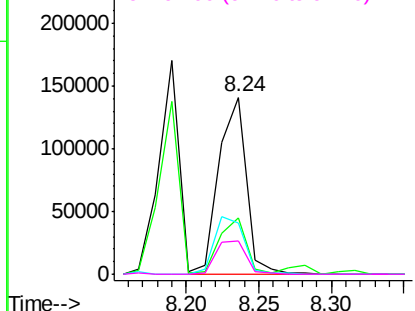
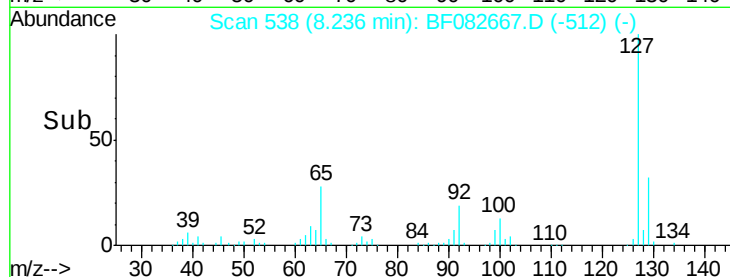
#33
4-Chloroaniline
Concen: 11.88 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tgt Ion:127 Resp: 185011
Ion Ratio Lower Upper
127 100
129 31.8 26.3 39.5
65 28.7 37.8 56.8#
92 18.7 20.6 31.0#

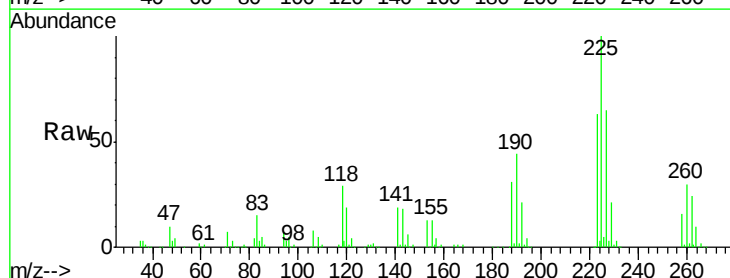


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

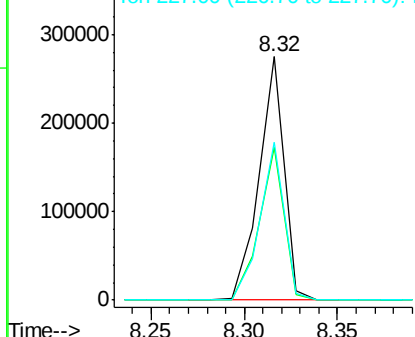
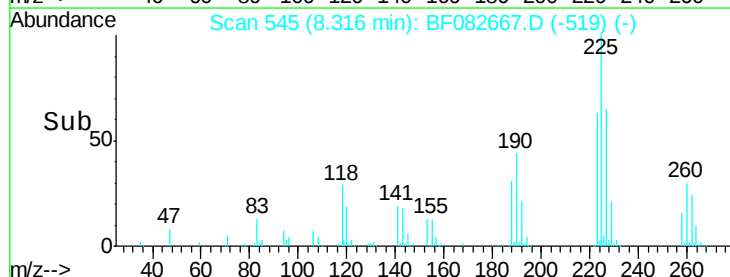


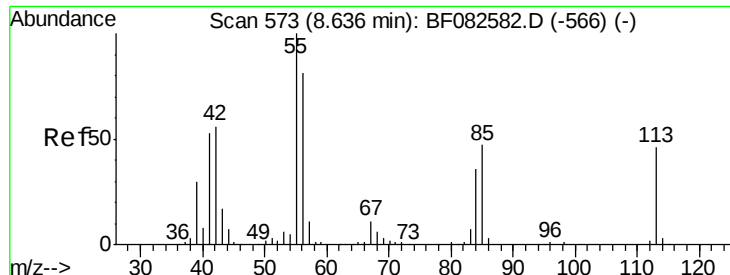
#34
Hexachlorobutadiene
Concen: 32.96 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion:225 Resp: 252424
Ion Ratio Lower Upper
225 100
223 62.7 50.5 75.7
227 64.7 50.2 75.2



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

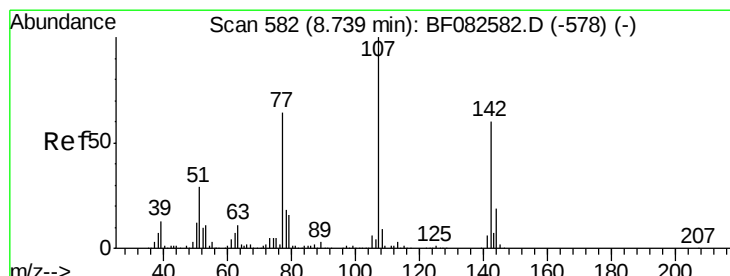
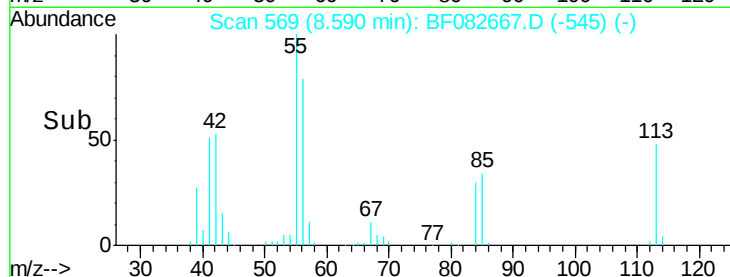
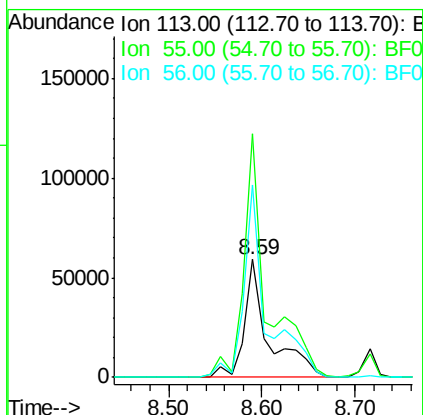
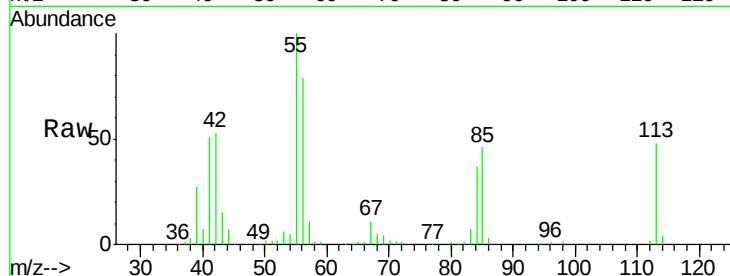




#35
 Caprolactam
 Concen: 32.05 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

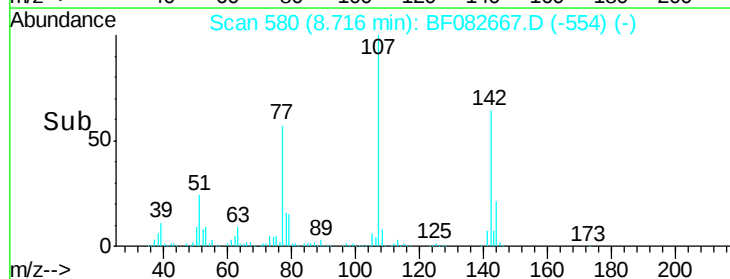
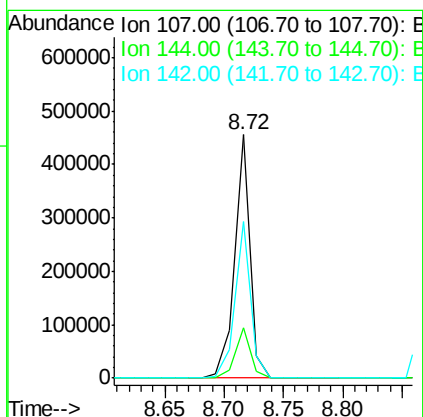
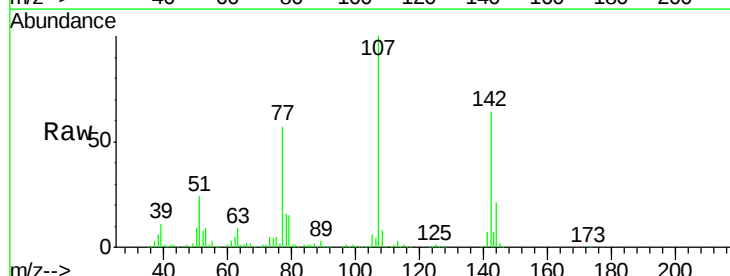
Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion:113 Resp: 106681
 Ion Ratio Lower Upper
 113 100
 55 206.7 195.5 235.5
 56 163.8 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 32.06 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:107 Resp: 409612
 Ion Ratio Lower Upper
 107 100
 144 20.8 15.4 23.0
 142 64.4 47.8 71.8

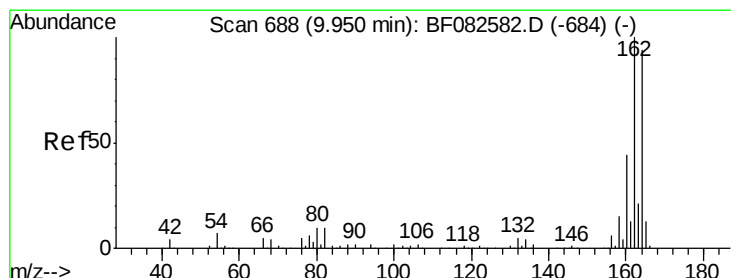
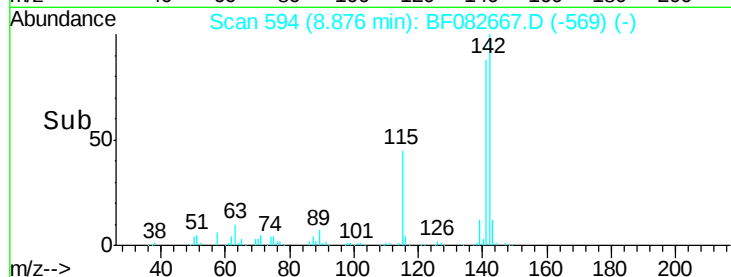
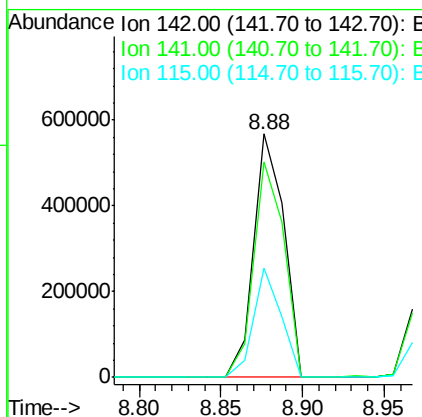
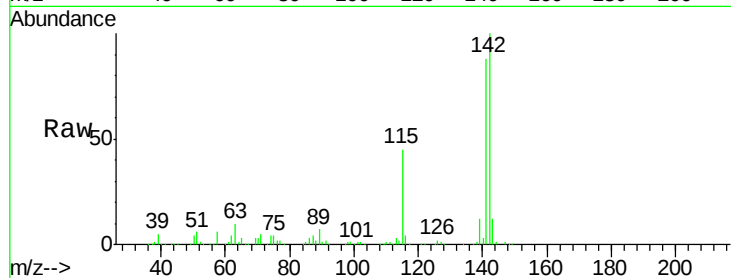




#37
2-Methylnaphthalene
Concen: 30.91 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

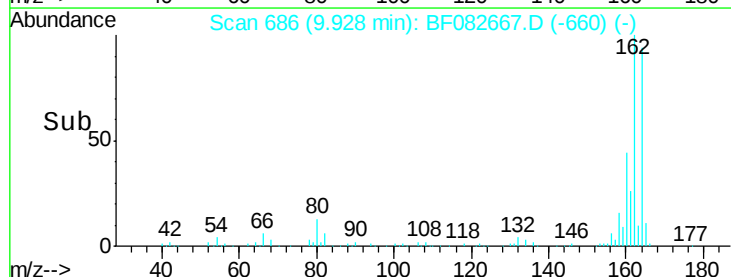
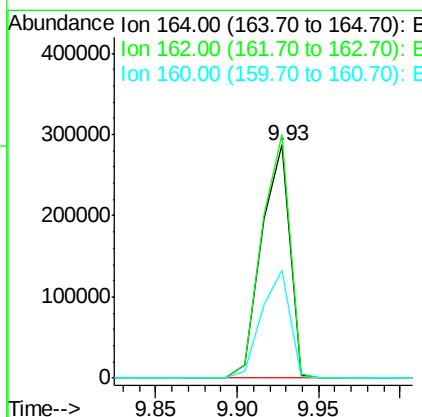
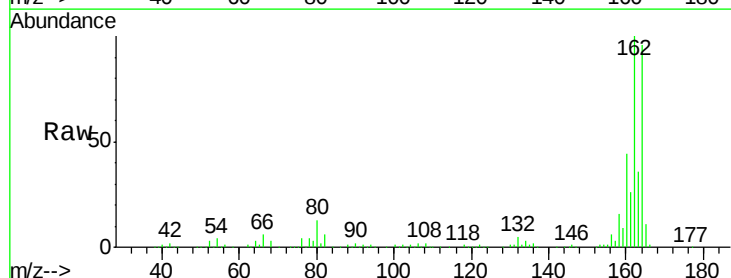
Instrument :
BNA_F
ClientSampleId :
PB86400BS

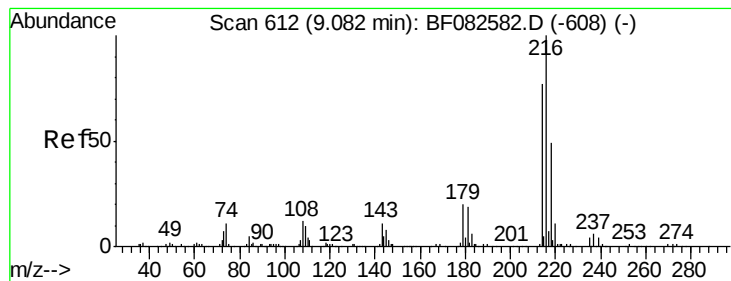
Tgt Ion:142 Resp: 730983
Ion Ratio Lower Upper
142 100
141 88.5 72.3 108.5
115 45.0 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion:164 Resp: 344471
Ion Ratio Lower Upper
164 100
162 104.4 84.9 127.3
160 46.0 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.04 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

Tgt Ion:216 Resp: 368273

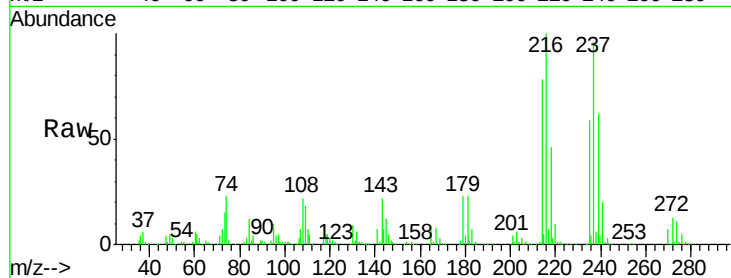
Ion Ratio Lower Upper

216 100

214 78.0 62.2 93.2

179 21.9 18.1 27.1

108 24.0 16.6 25.0

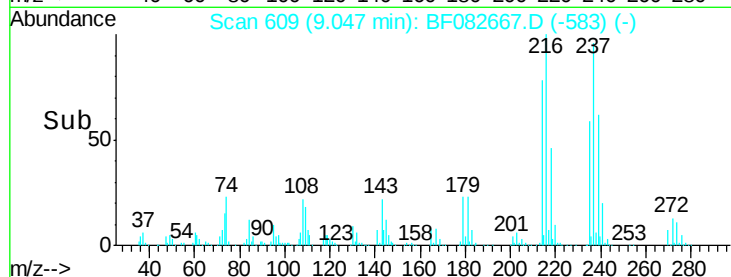


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

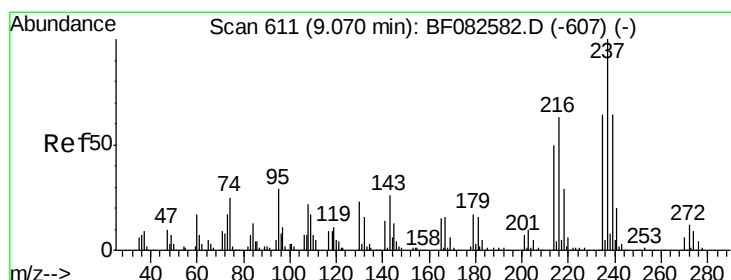
Ion 108.00 (107.70 to 108.70): E



Abundance

9.05

Time-->



#40

Hexachlorocyclopentadiene

Concen: 68.25 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

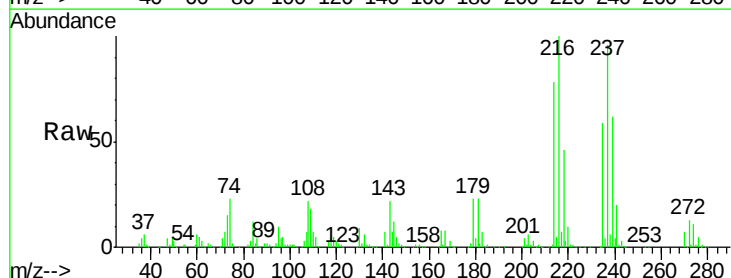
Tgt Ion:237 Resp: 493213

Ion Ratio Lower Upper

237 100

235 61.1 44.3 84.3

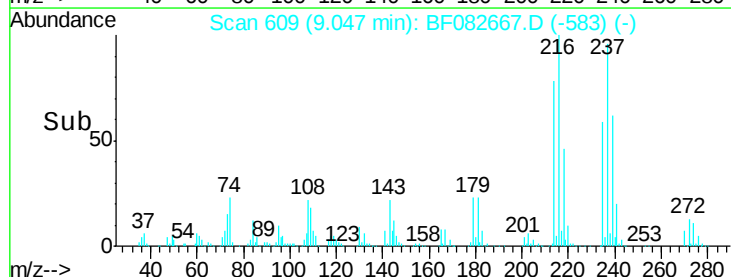
272 13.8 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

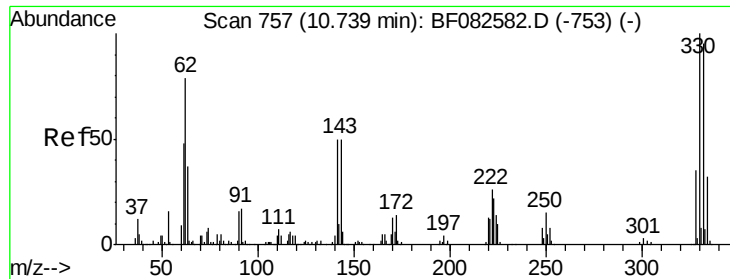
Ion 271.75 (271.45 to 272.45): E



Abundance

9.05

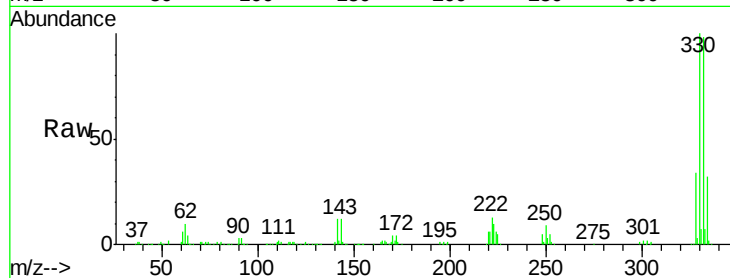
Time-->



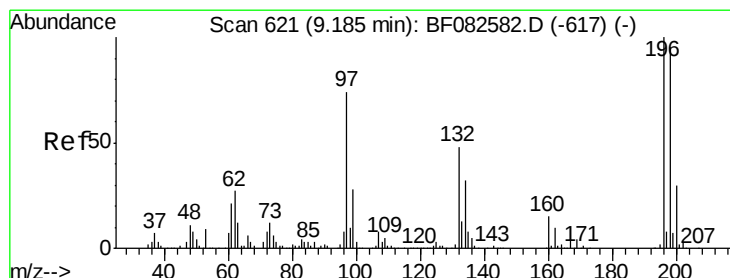
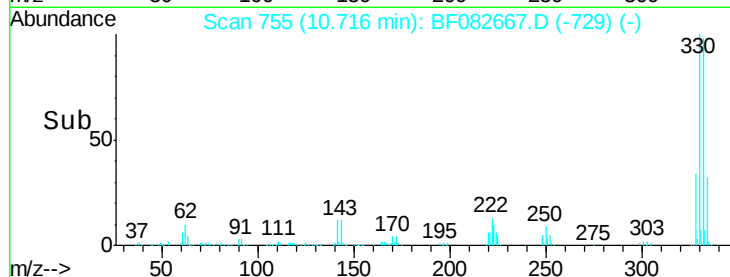
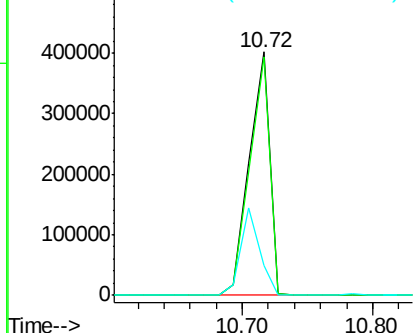
#41
 2,4,6-Tribromophenol
 Concen: 116.99 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion:330 Resp: 441030
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 33.1 41.2 61.8#

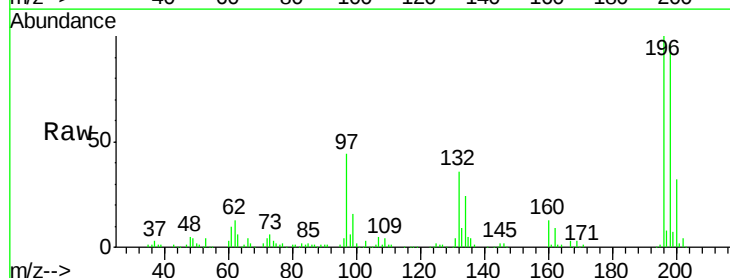


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

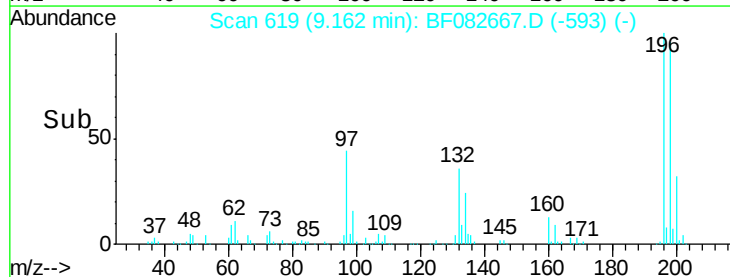
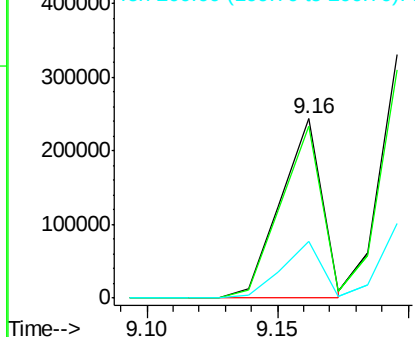


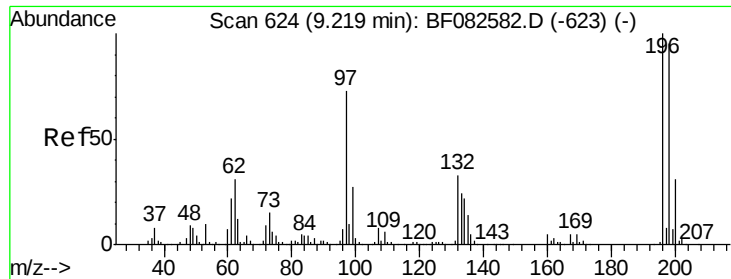
#42
 2,4,6-Trichlorophenol
 Concen: 32.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:196 Resp: 268056
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.3 114.5
 200 31.6 23.9 35.9



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

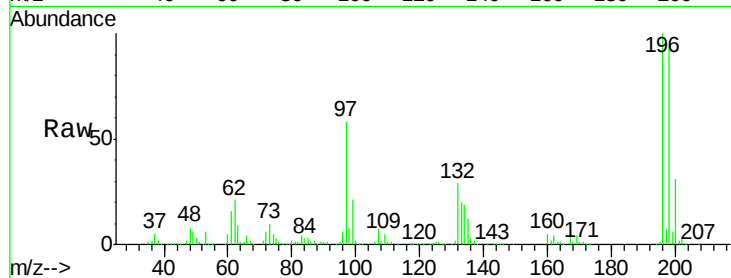




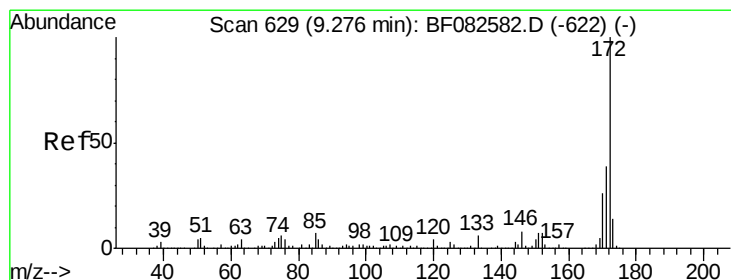
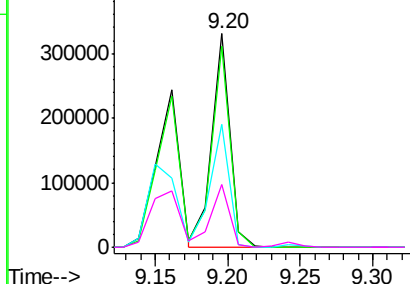
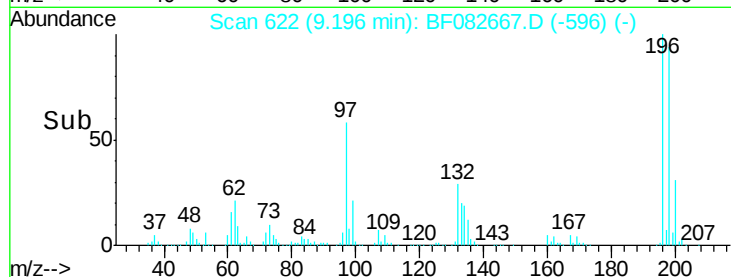
#43
 2,4,5-Trichlorophenol
 Concen: 34.68 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion:196 Resp: 286814
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.8 113.8
 97 57.5 62.3 93.5#
 132 29.3 27.4 41.2

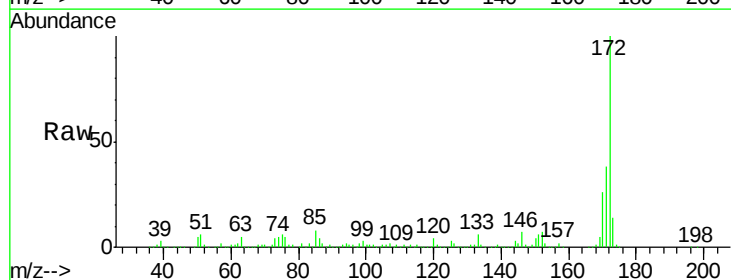


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

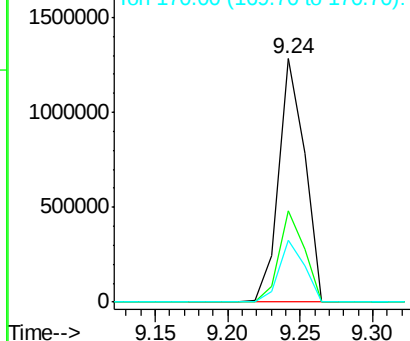
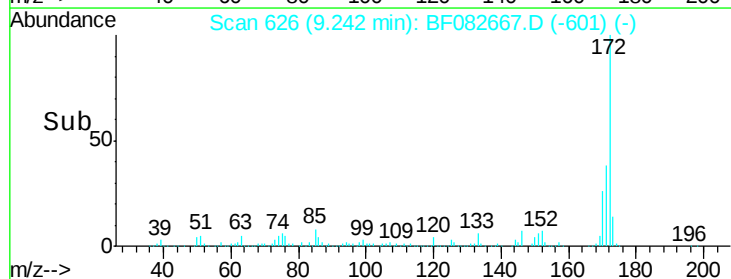


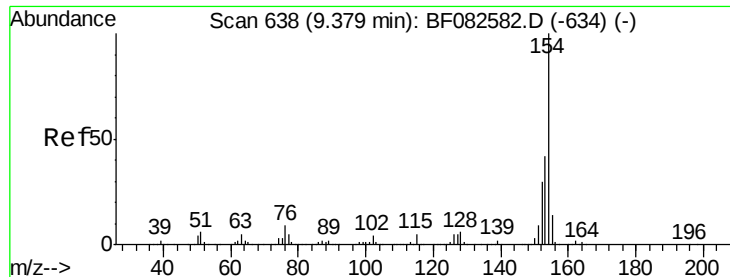
#44
 2-Fluorobiphenyl
 Concen: 65.55 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:172 Resp: 1590304
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.5 21.2 31.8



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

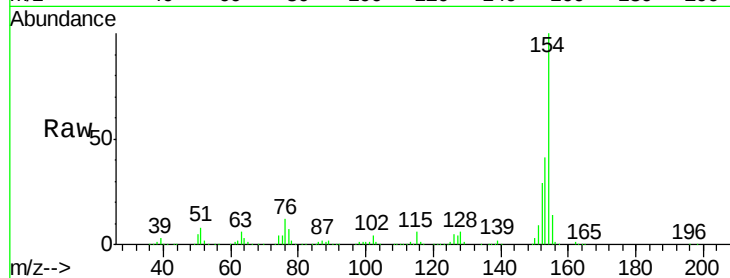




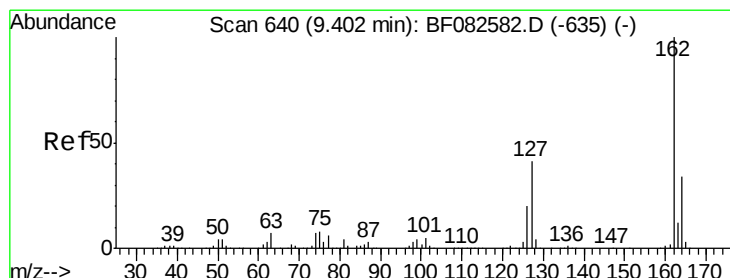
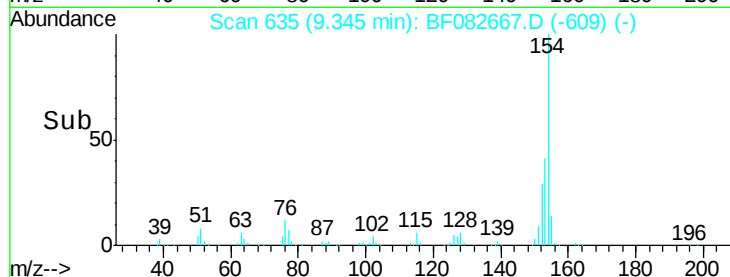
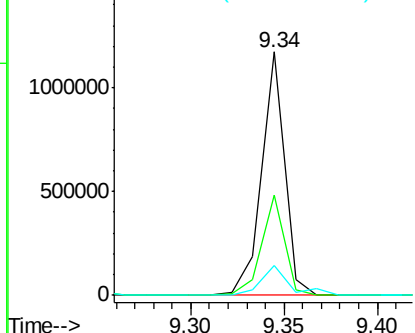
#45
 1,1'-Biphenyl
 Concen: 34.16 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion:154 Resp: 993884
 Ion Ratio Lower Upper
 154 100
 153 41.1 22.0 62.0
 76 12.3 0.0 29.0

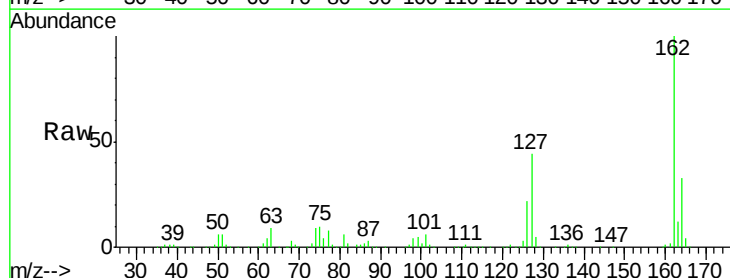


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

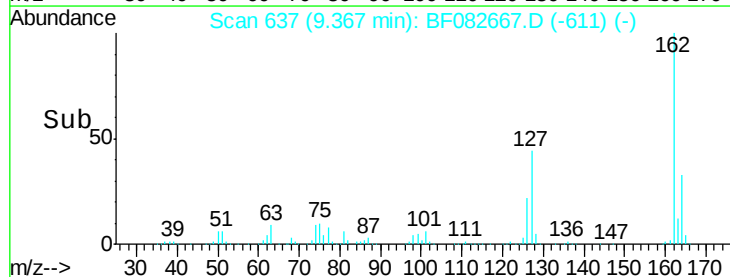
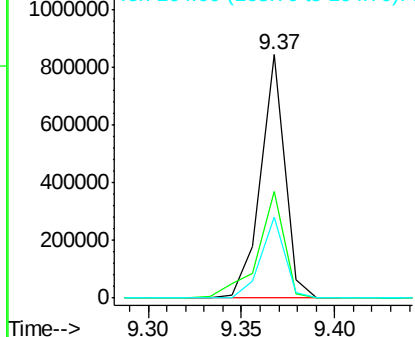


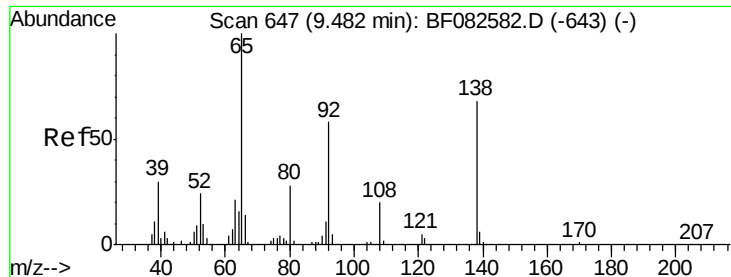
#46
 2-Chloronaphthalene
 Concen: 33.15 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:162 Resp: 753202
 Ion Ratio Lower Upper
 162 100
 127 44.0 32.7 49.1
 164 33.3 27.4 41.0



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

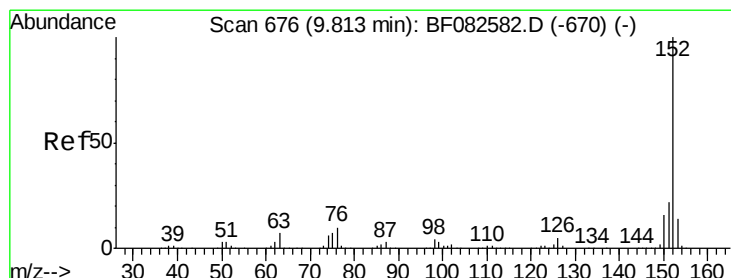
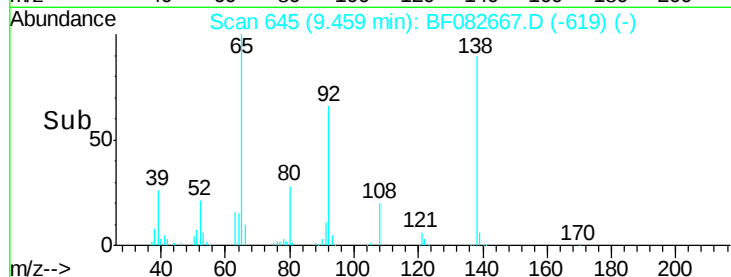
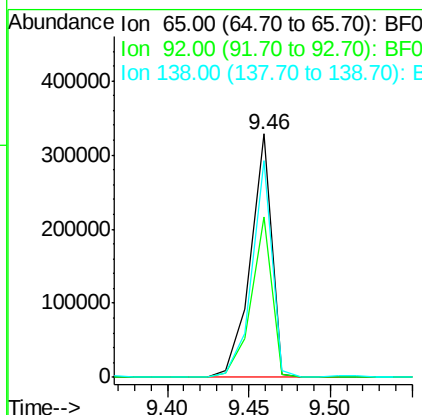
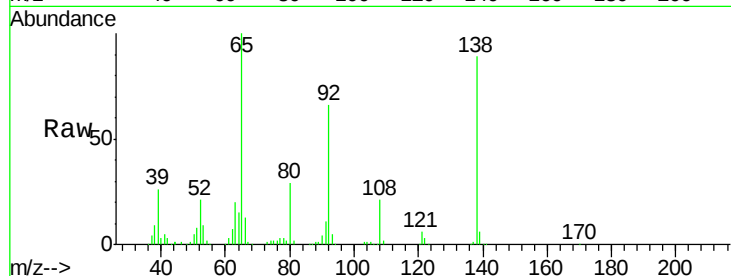




#47
2-Nitroaniline
Concen: 33.68 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

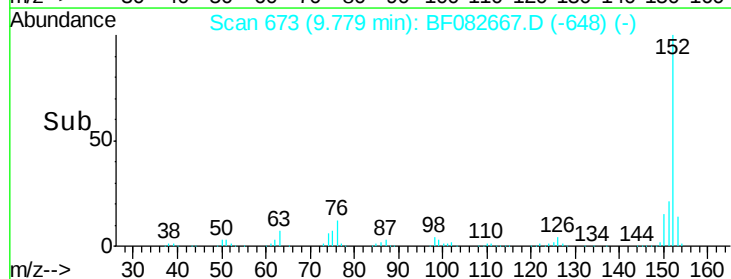
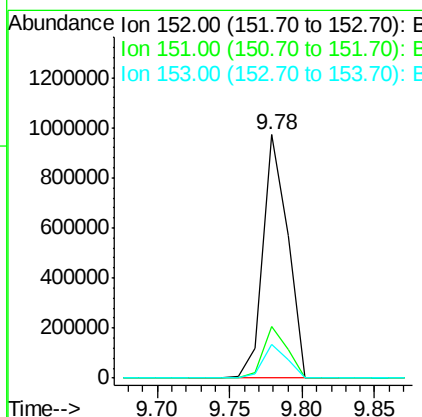
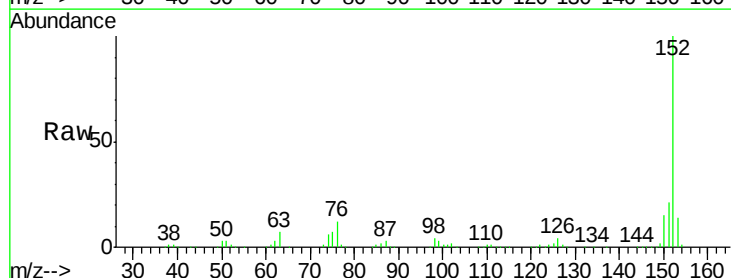
Instrument :
BNA_F
ClientSampleId :
PB86400BS

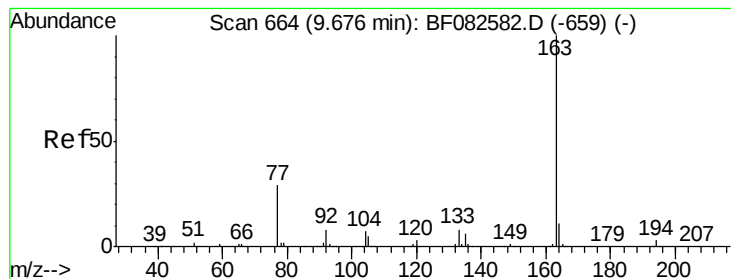
Tgt Ion: 65 Resp: 297474
Ion Ratio Lower Upper
65 100
92 65.9 46.6 70.0
138 89.3 54.6 81.8#



#48
Acenaphthylene
Concen: 31.46 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion: 152 Resp: 1143214
Ion Ratio Lower Upper
152 100
151 21.0 17.3 25.9
153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 32.11 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

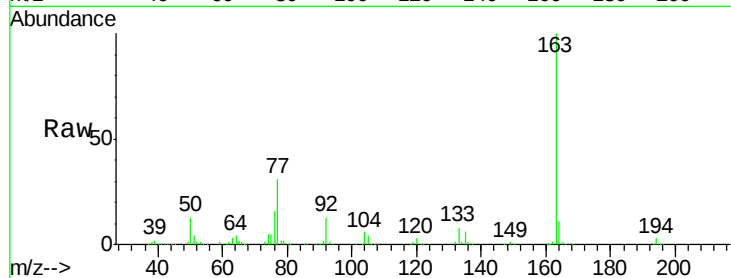
Tgt Ion:163 Resp: 903378

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

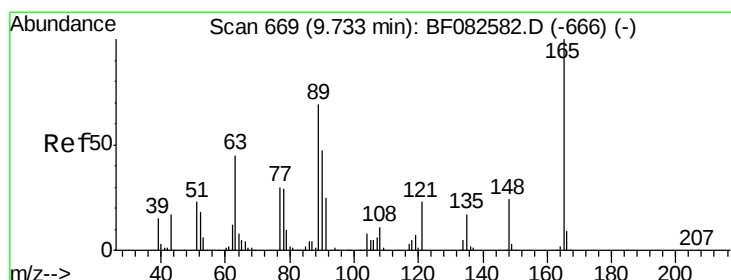
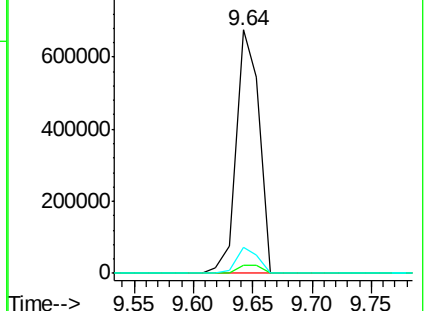
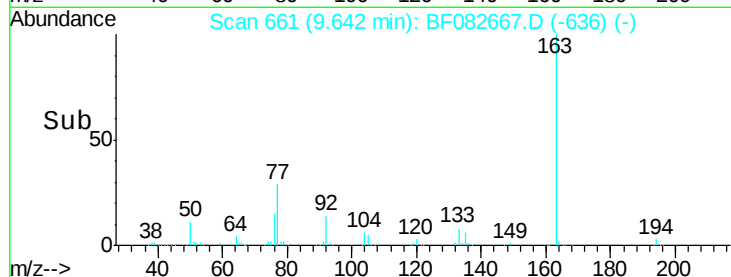
164 10.9 8.7 13.1



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: 31.45 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

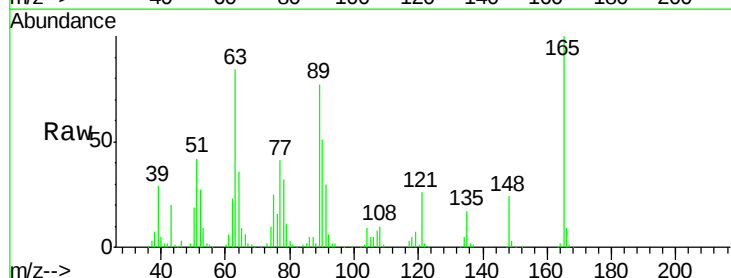
Tgt Ion:165 Resp: 183361

Ion Ratio Lower Upper

165 100

63 83.5 55.5 83.3#

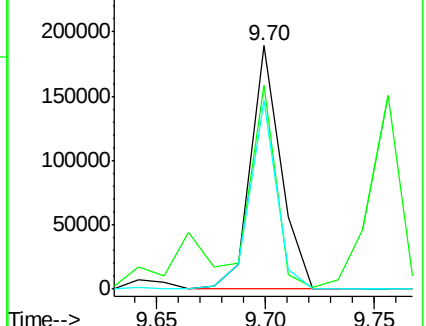
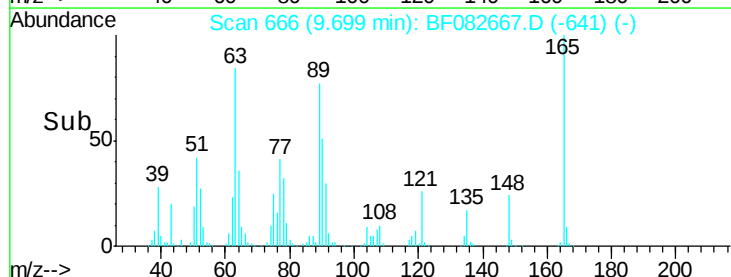
89 77.3 55.0 82.6

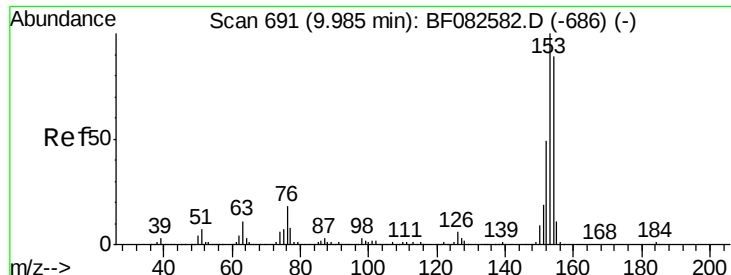


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.22 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

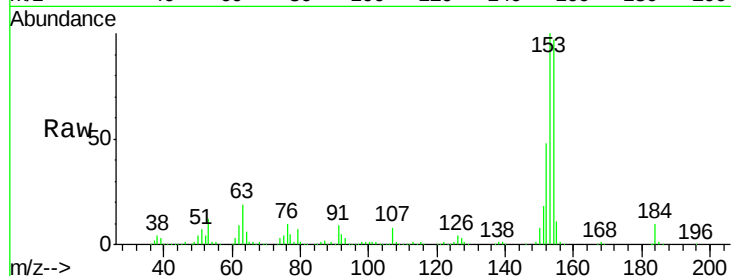
Tgt Ion:154 Resp: 858677

Ion Ratio Lower Upper

154 100

153 103.4 90.1 135.1

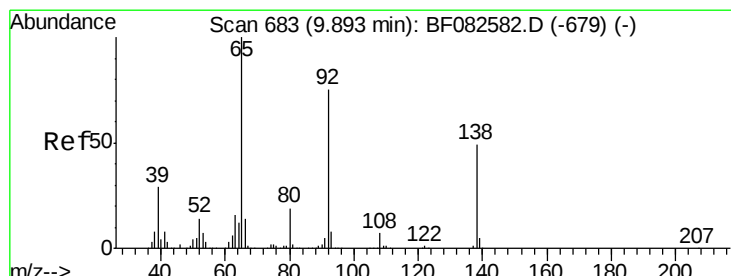
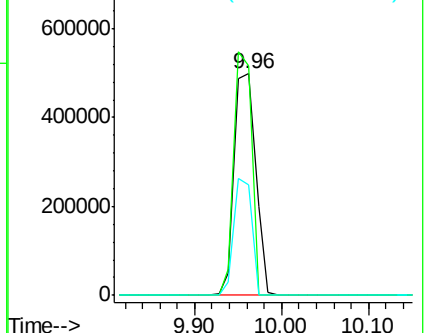
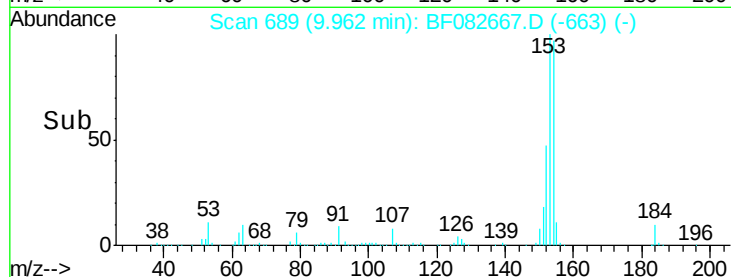
152 50.1 44.3 66.5



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: 19.55 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

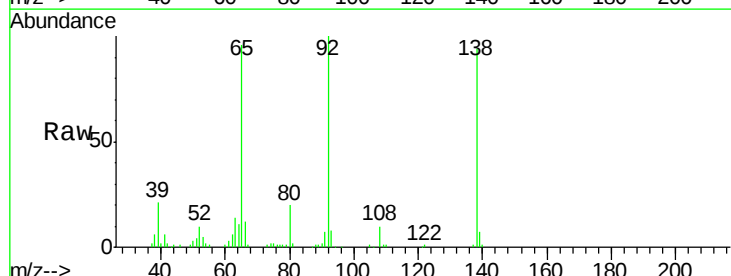
Tgt Ion:138 Resp: 126842

Ion Ratio Lower Upper

138 100

108 11.1 11.3 16.9#

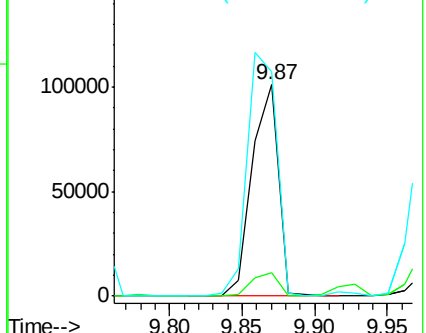
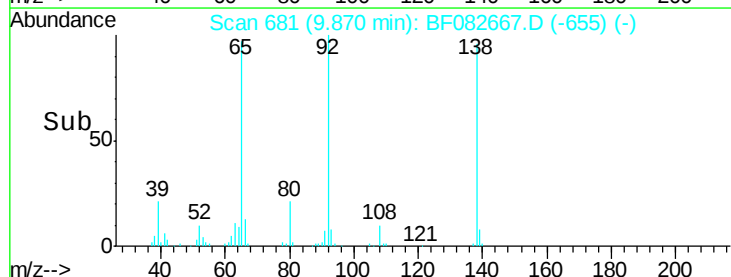
92 106.4 122.4 183.6#

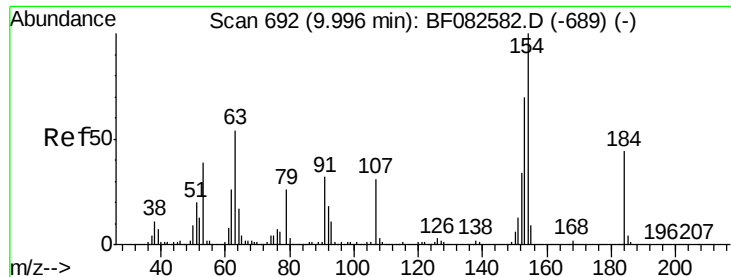


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

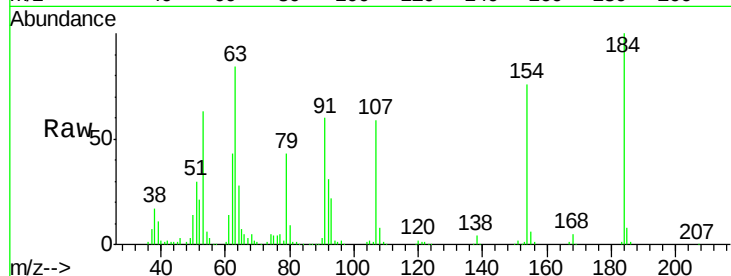




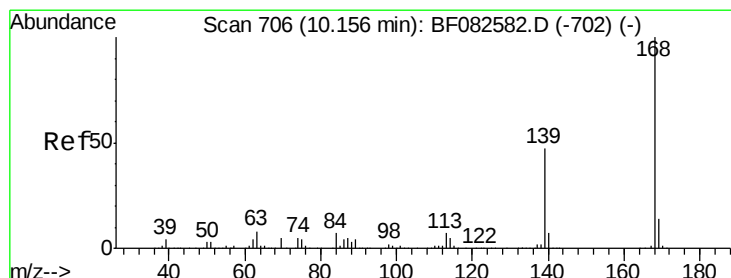
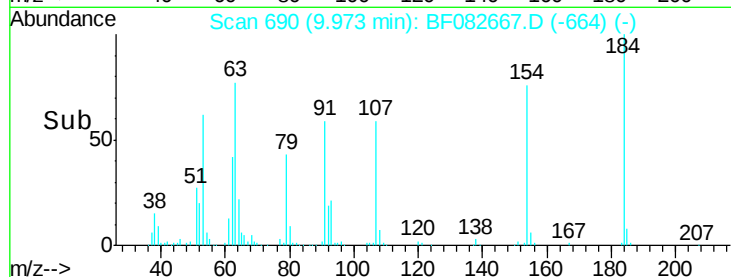
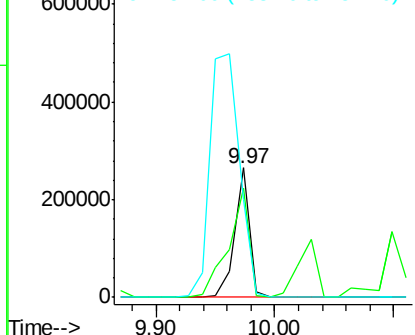
#53
2,4-Dinitrophenol
Concen: 75.04 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tgt Ion:184 Resp: 231687
Ion Ratio Lower Upper
184 100
63 84.0 98.6 148.0#
154 75.8 183.9 275.9#

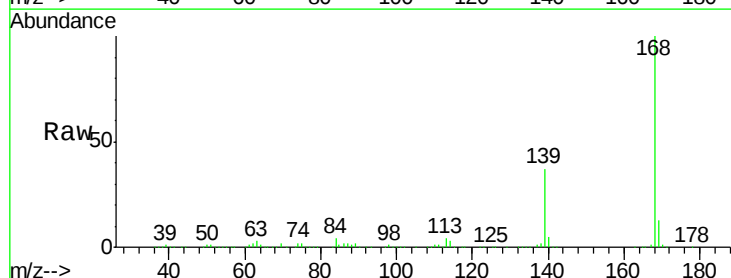


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

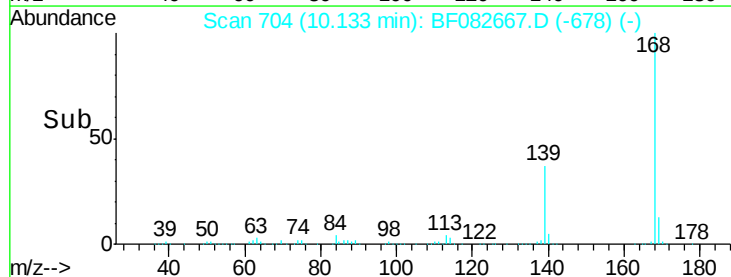
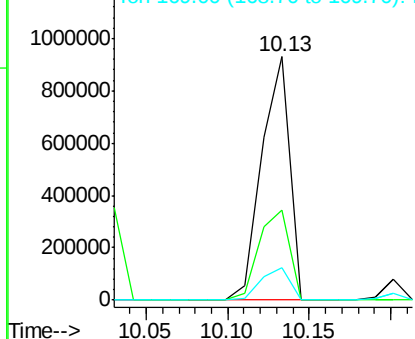


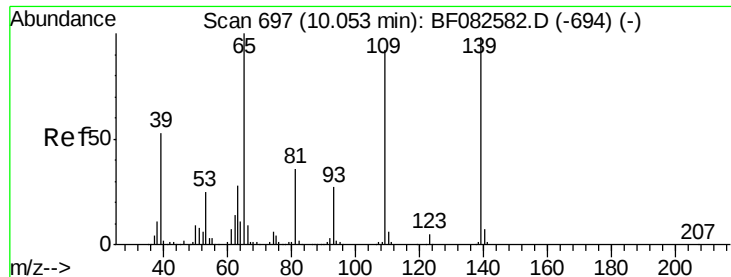
#54
Dibenzofuran
Concen: 35.28 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion:168 Resp: 1104513
Ion Ratio Lower Upper
168 100
139 37.1 37.8 56.6#
169 13.2 11.3 16.9



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

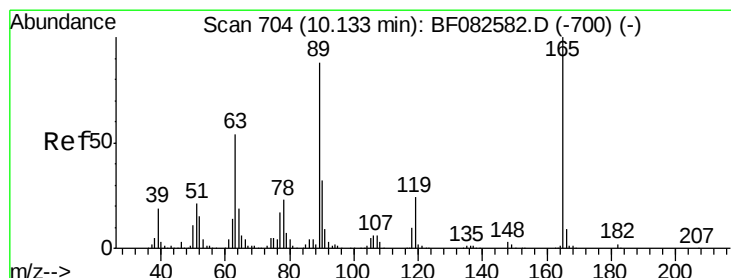
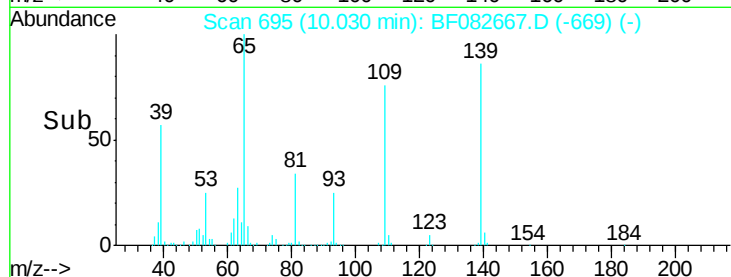
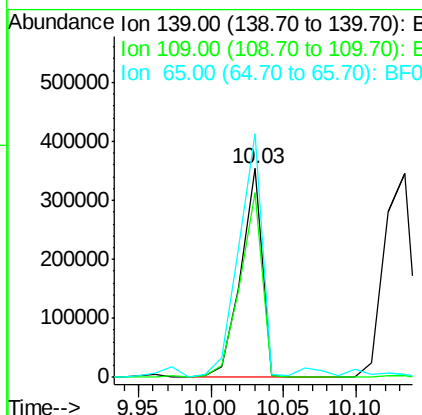
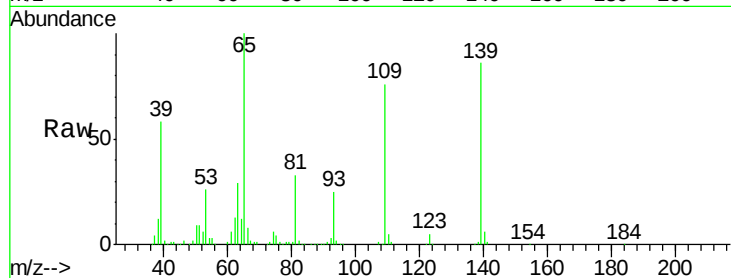




#55
4-Nitrophenol
Concen: 74.86 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

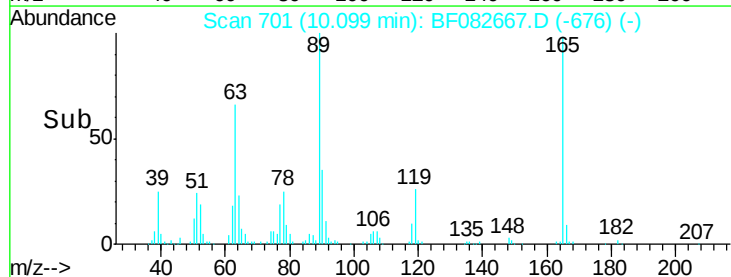
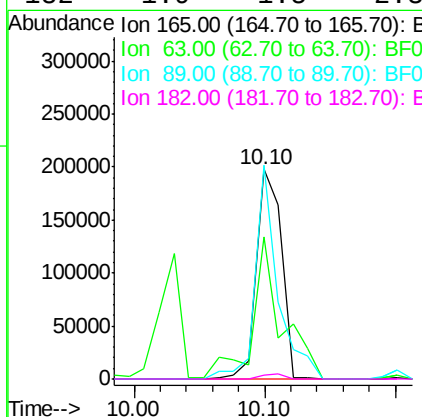
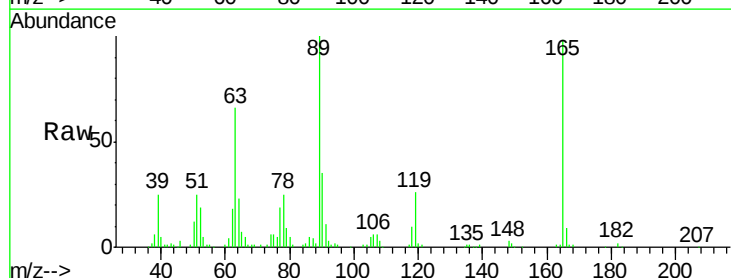
Instrument :
BNA_F
ClientSampled :
PB86400BS

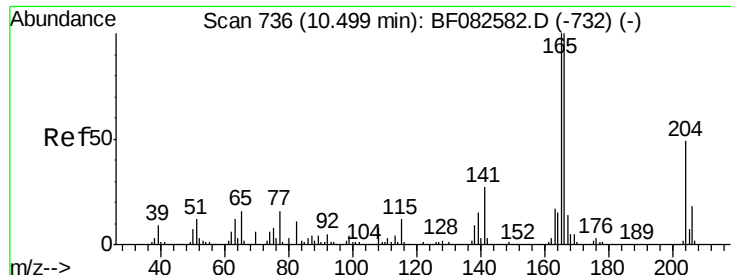
Tgt Ion:139 Resp: 365403
Ion Ratio Lower Upper
139 100
109 88.6 73.7 113.7
65 116.8 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 33.43 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion:165 Resp: 263583
Ion Ratio Lower Upper
165 100
63 67.5 43.4 65.0#
89 101.9 70.6 106.0
182 1.9 1.5 2.3

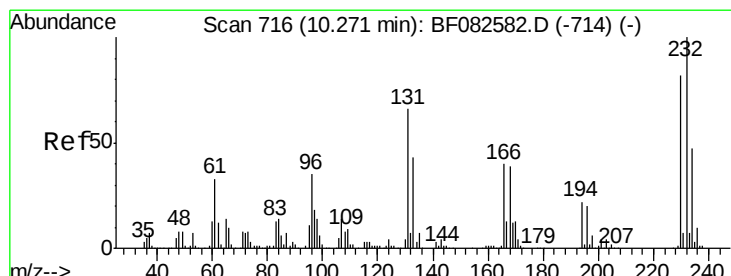
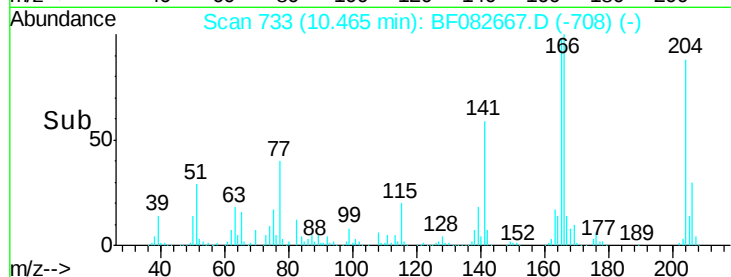
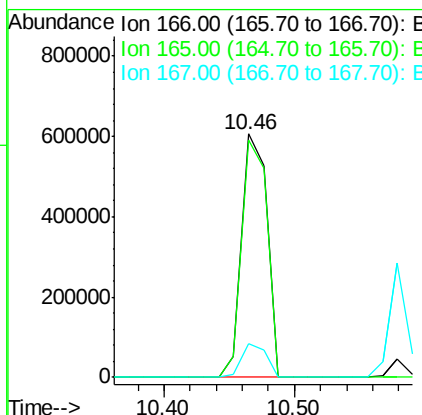
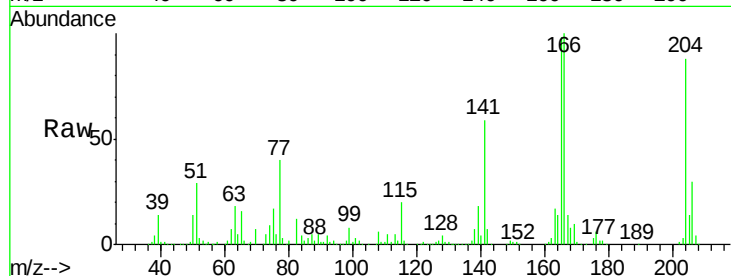




#57
Fluorene
 Concen: 32.36 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

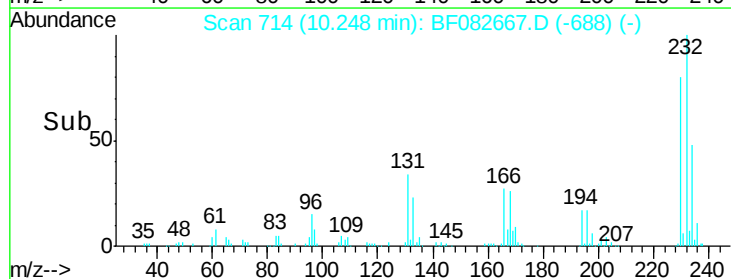
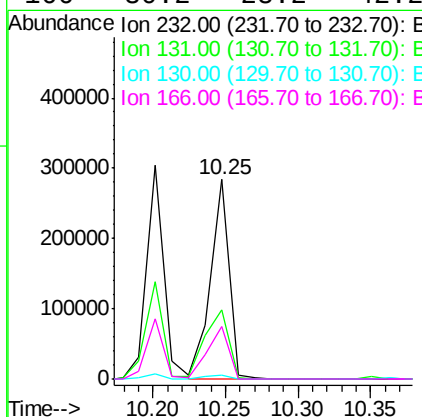
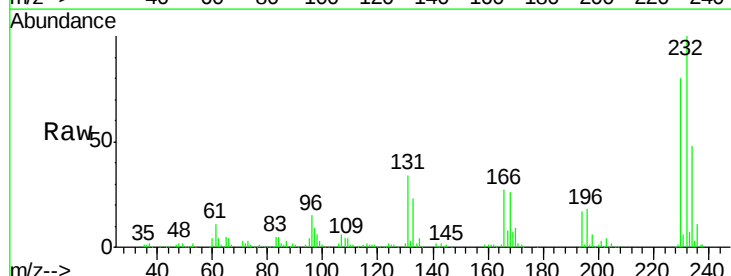
Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

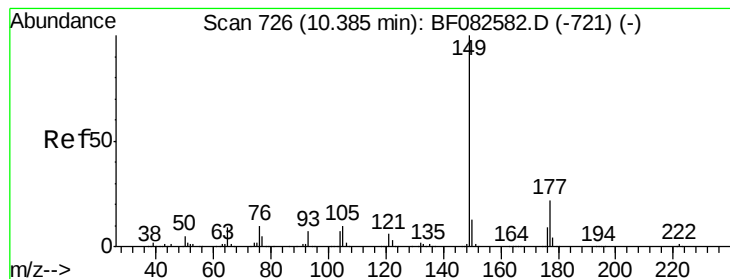
Tgt Ion:166 Resp: 817069
 Ion Ratio Lower Upper
 166 100
 165 97.6 80.2 120.4
 167 13.7 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.14 ng
 RT: 10.25 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:232 Resp: 252583
 Ion Ratio Lower Upper
 232 100
 131 44.1 46.2 69.2#
 130 2.2 2.4 3.6#
 166 30.2 28.2 42.2





#59

Diethylphthalate

Concen: 33.71 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

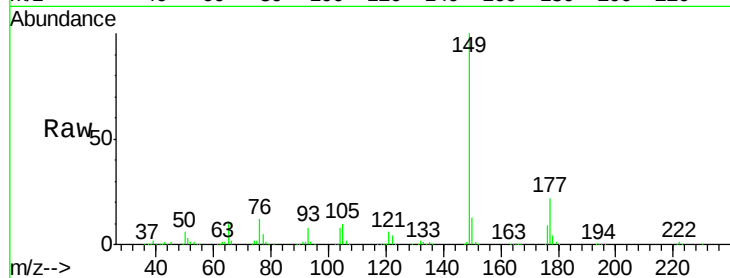
Tgt Ion:149 Resp: 965439

Ion Ratio Lower Upper

149 100

177 22.1 17.9 26.9

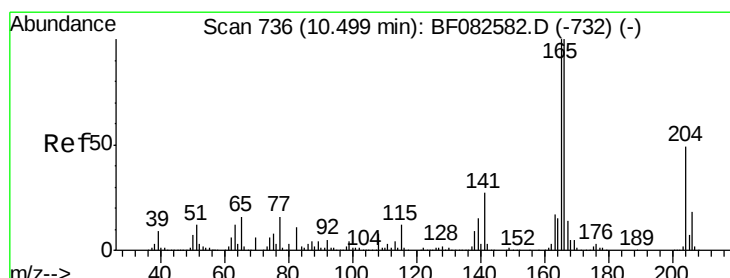
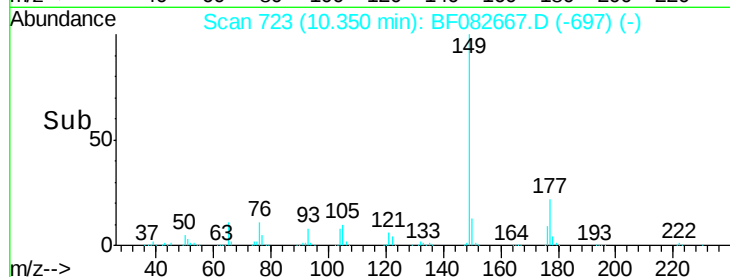
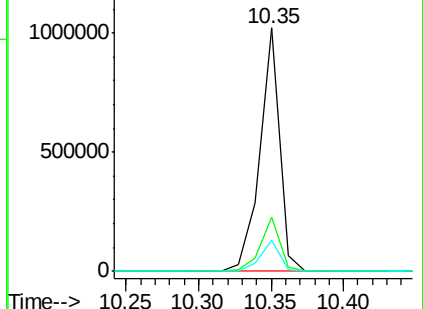
150 13.0 10.1 15.1



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: 35.10 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

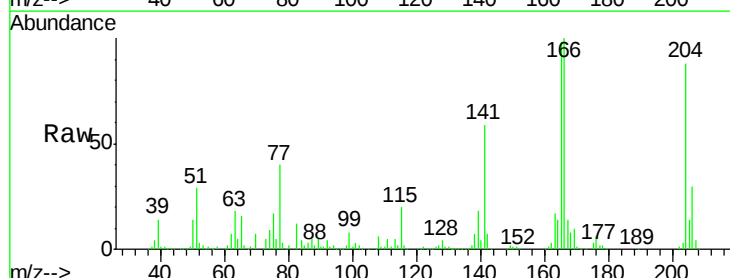
Tgt Ion:204 Resp: 430777

Ion Ratio Lower Upper

204 100

206 34.4 28.5 42.7

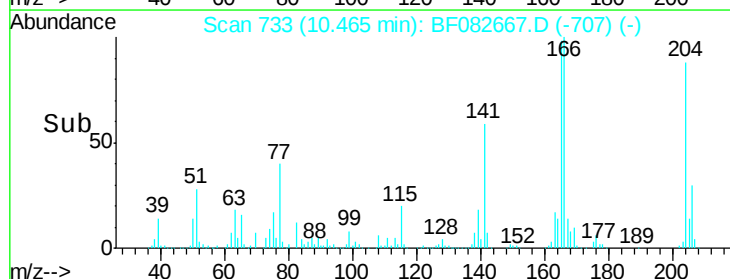
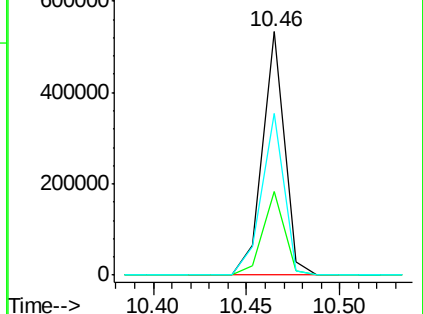
141 66.5 44.6 66.8

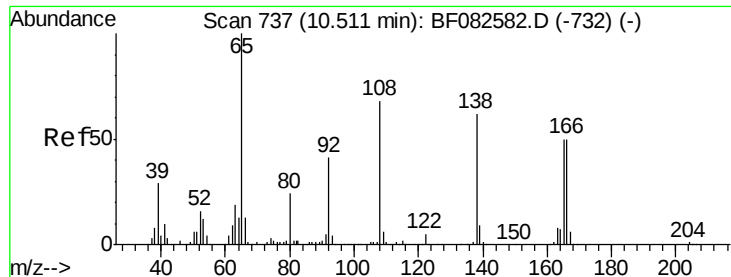


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

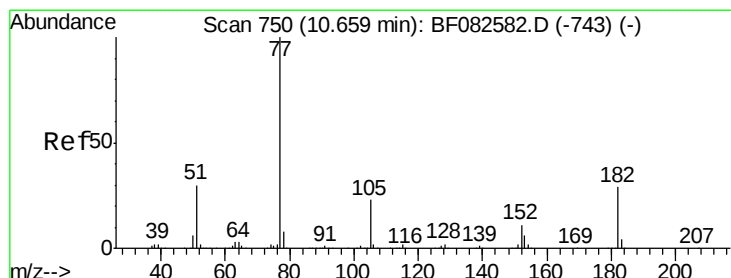
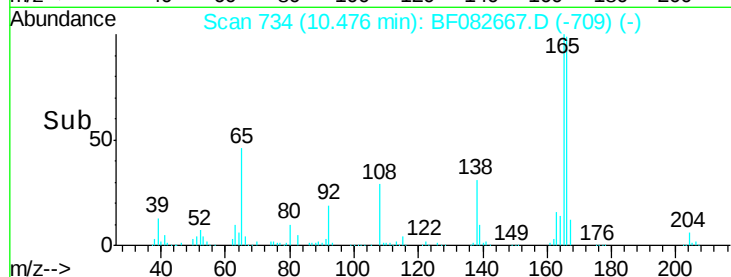
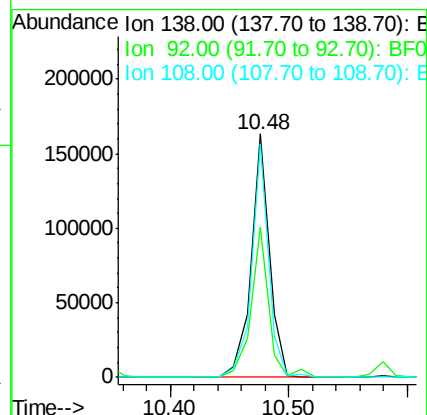
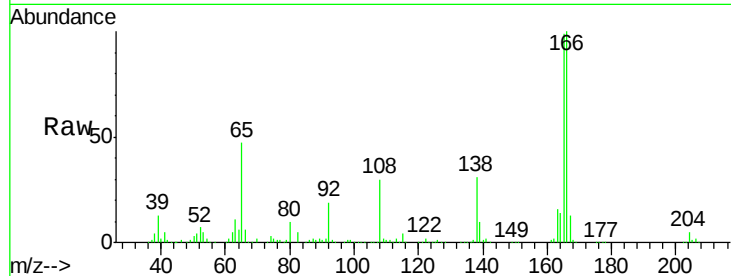




#61
4-Nitroaniline
Concen: 28.57 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

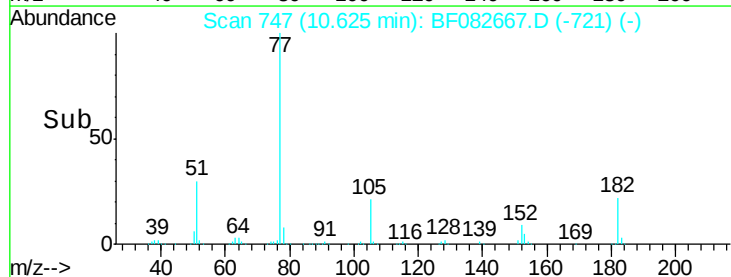
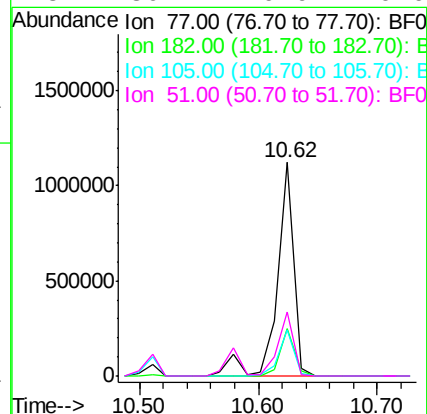
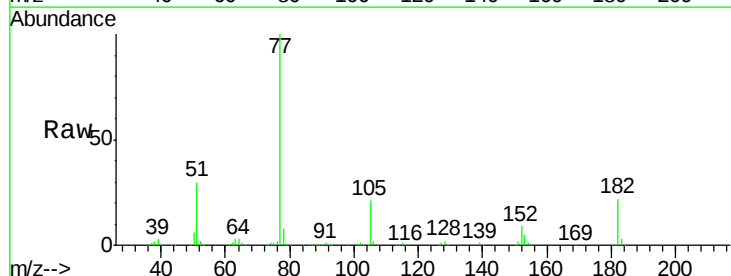
Instrument :
BNA_F
ClientSampleId :
PB86400BS

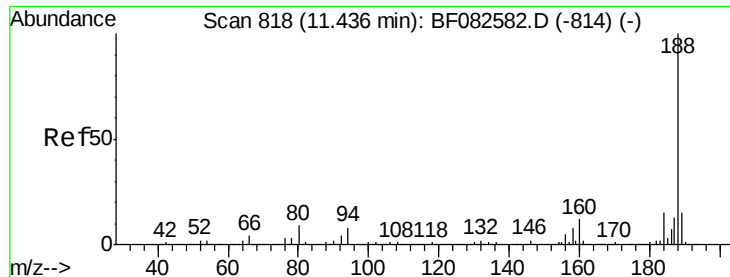
Tgt Ion:138 Resp: 176891
Ion Ratio Lower Upper
138 100
92 61.6 45.8 85.8
108 95.6 89.4 129.4



#62
Azobenzene
Concen: 34.35 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion: 77 Resp: 1109574
Ion Ratio Lower Upper
77 100
182 22.0 9.3 49.3
105 21.3 2.6 42.6
51 30.1 9.9 49.9

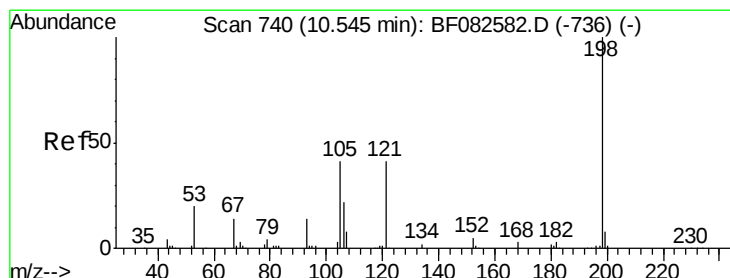
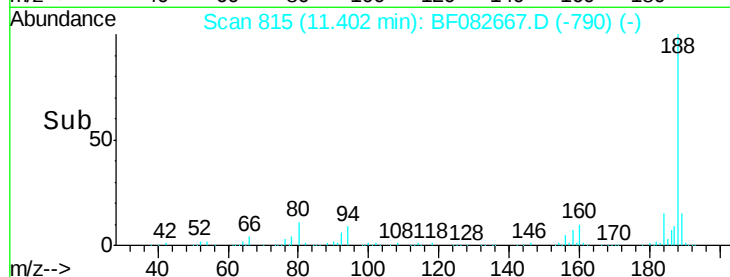
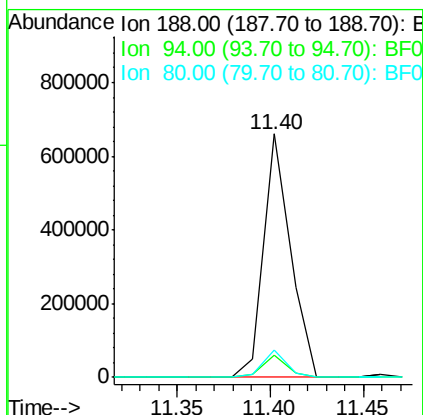
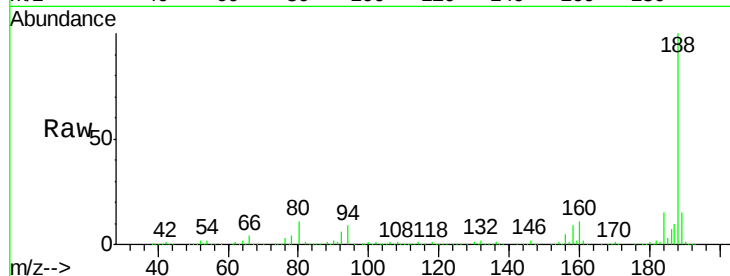




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

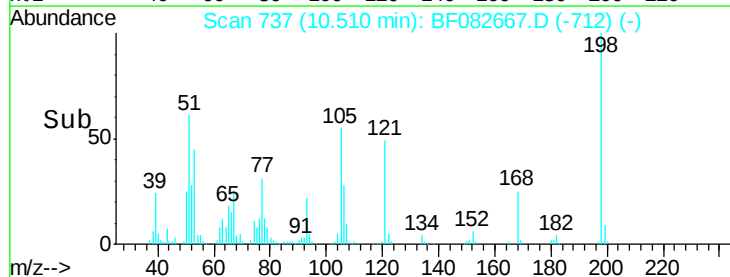
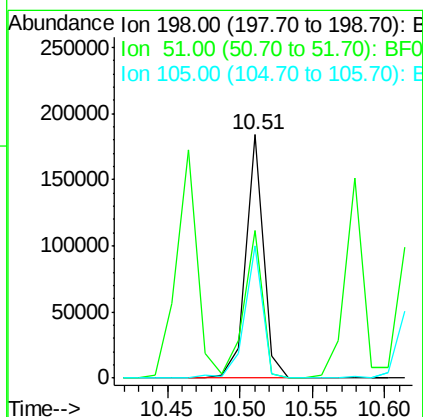
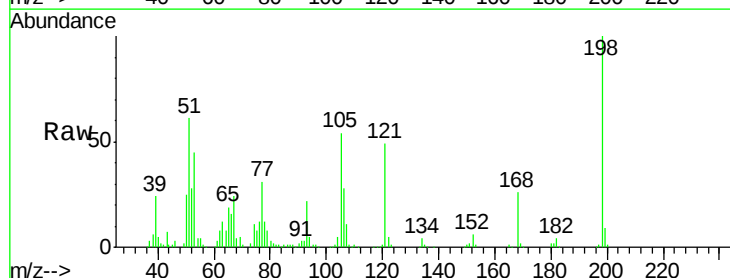
Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

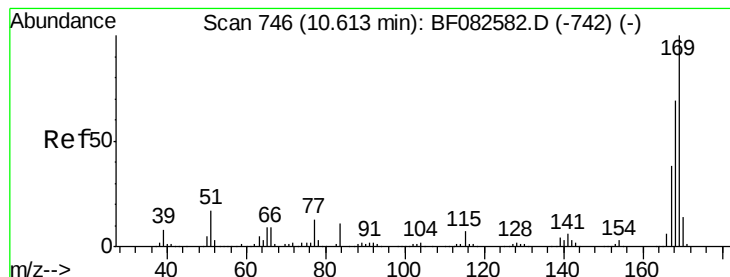
Tgt Ion:188 Resp: 656497
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.1 9.1#
 80 11.2 7.0 10.6#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.13 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:198 Resp: 154925
 Ion Ratio Lower Upper
 198 100
 51 60.8 17.3 57.3#
 105 54.5 21.7 61.7

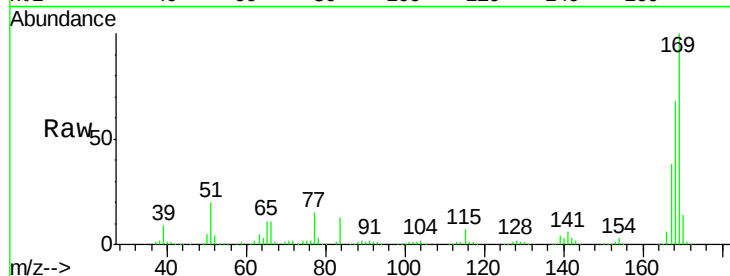




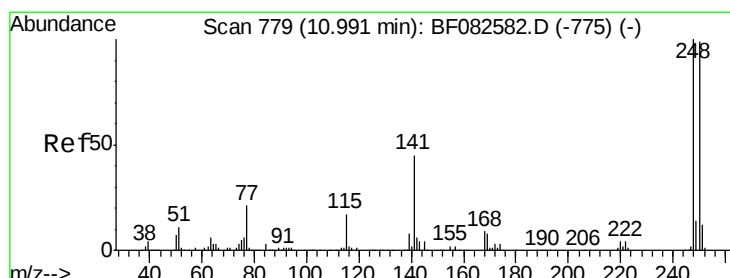
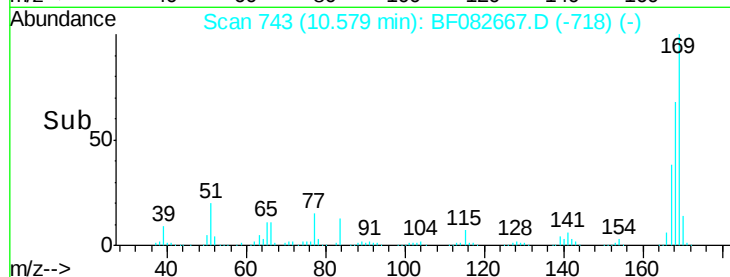
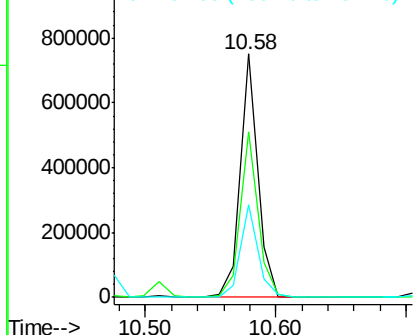
#65
 n-Nitrosodiphenylamine
 Concen: 30.85 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion:169 Resp: 696309
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.0 82.6
 167 37.8 30.5 45.7

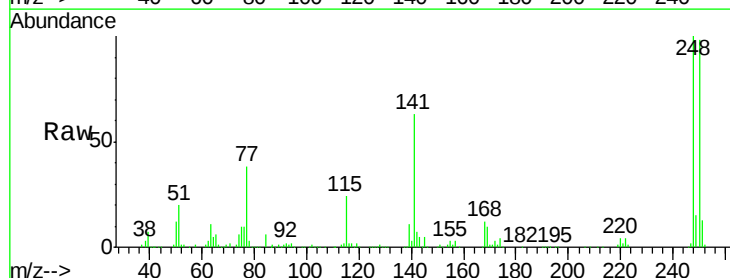


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

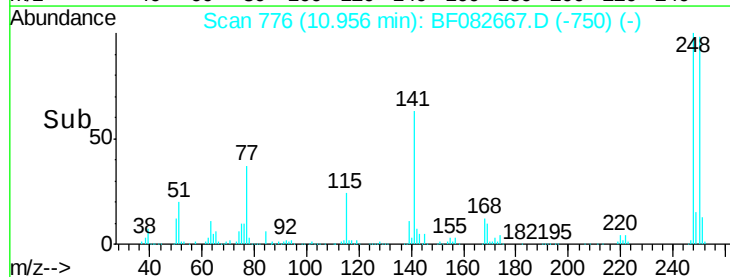
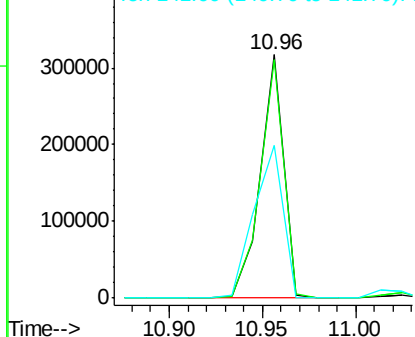


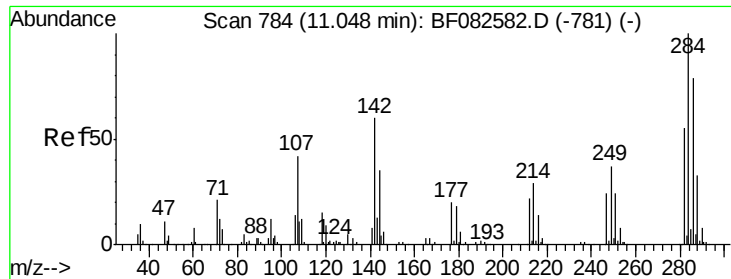
#66
 4-Bromophenyl-phenylether
 Concen: 36.81 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:248 Resp: 273885
 Ion Ratio Lower Upper
 248 100
 250 98.1 79.4 119.2
 141 62.5 36.3 54.5#



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

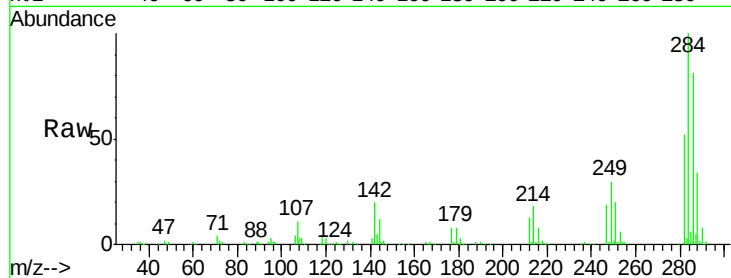




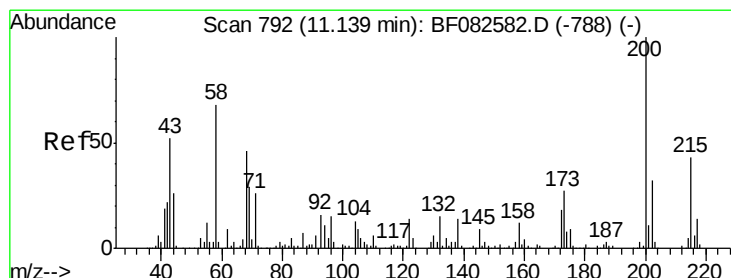
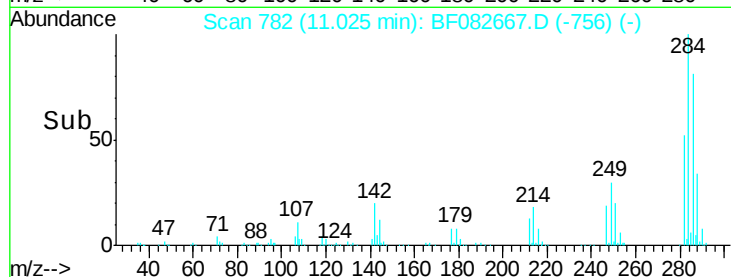
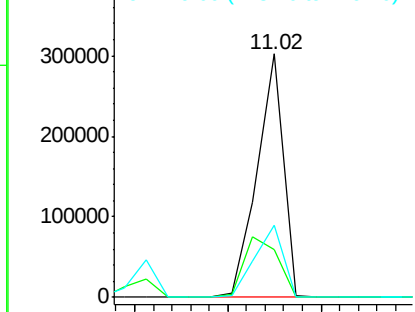
#67
Hexachlorobenzene
Concen: 35.64 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tgt Ion:284 Resp: 294026
Ion Ratio Lower Upper
284 100
142 19.8 47.9 71.9#
249 29.8 29.7 44.5

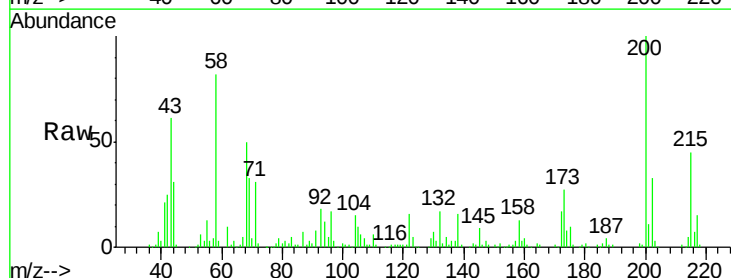


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

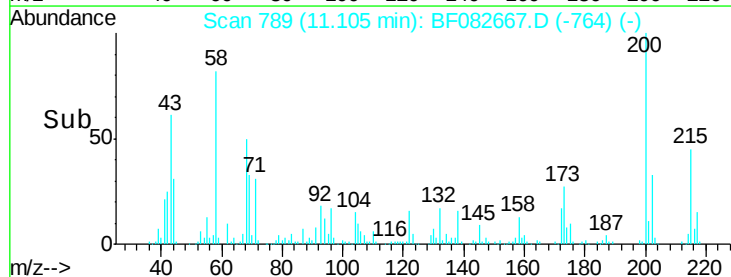
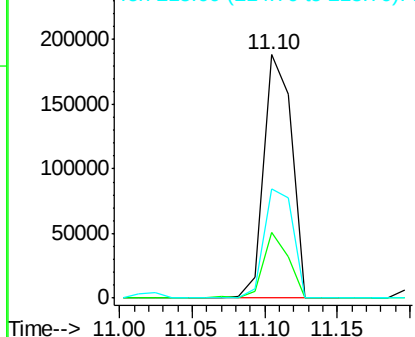


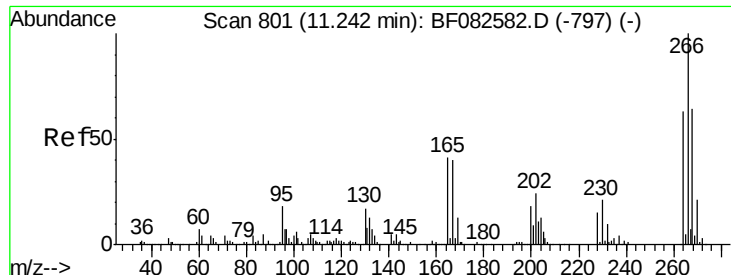
#68
Atrazine
Concen: 33.96 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion:200 Resp: 250720
Ion Ratio Lower Upper
200 100
173 27.1 6.9 46.9
215 44.7 22.9 62.9



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

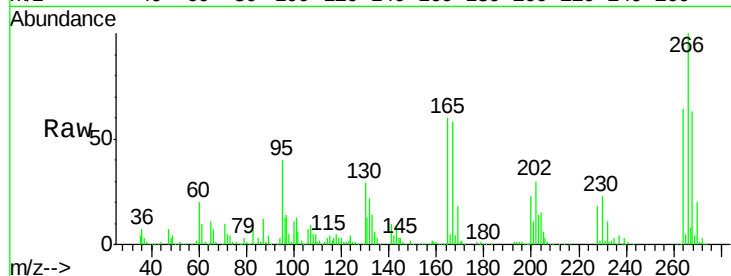




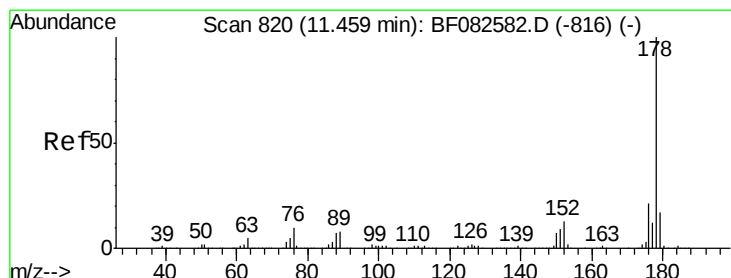
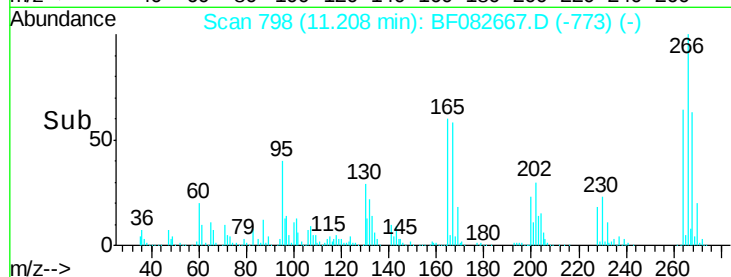
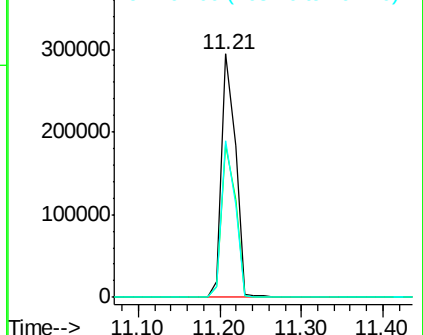
#69
 Pentachlorophenol
 Concen: 63.73 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion: 266 Resp: 346657
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 64.3 50.6 75.8

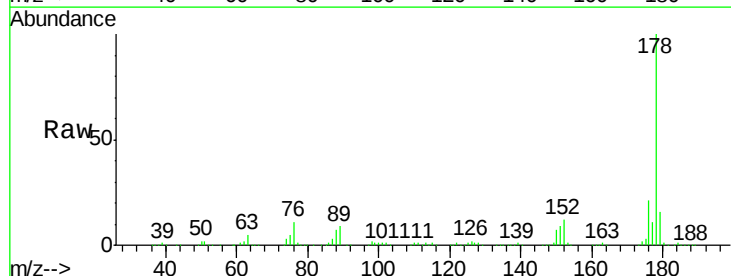


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

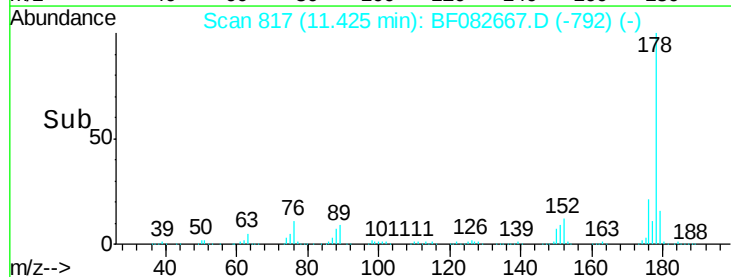
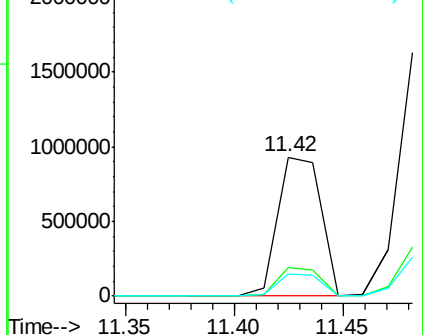


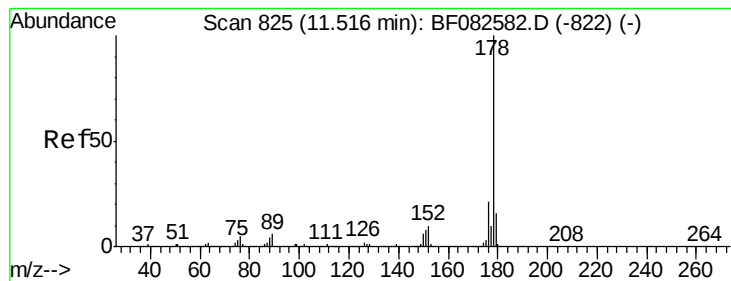
#70
 Phenanthrene
 Concen: 34.83 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion: 178 Resp: 1289581
 Ion Ratio Lower Upper
 178 100
 176 20.5 17.0 25.4
 179 16.1 13.4 20.0



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: 37.02 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

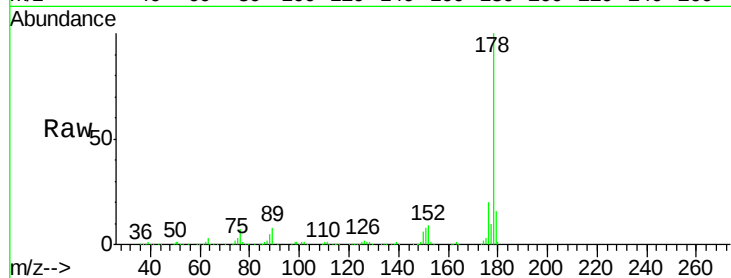
Tgt Ion:178 Resp: 1380025

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

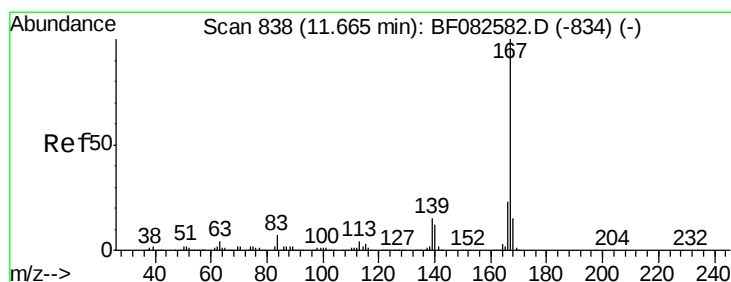
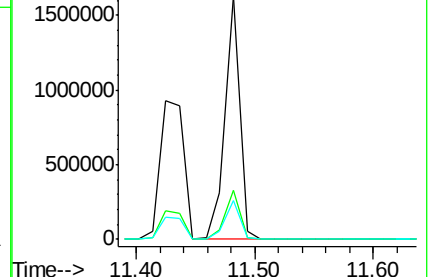
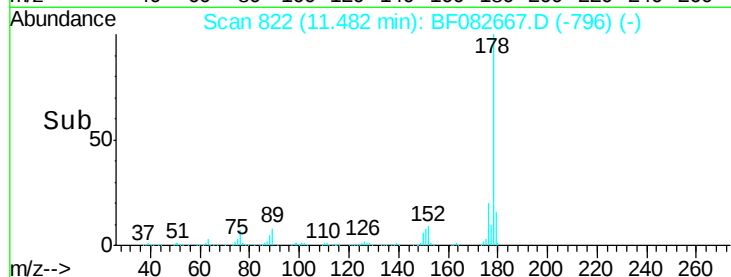
179 16.2 13.2 19.8



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: 32.29 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

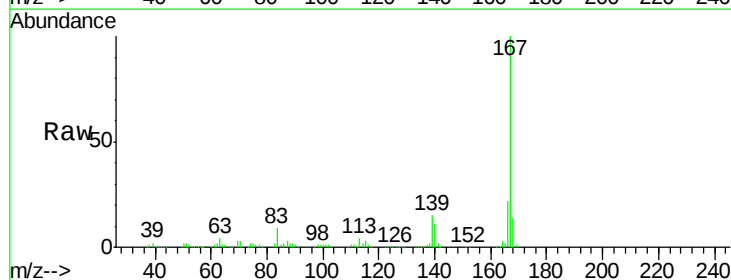
Tgt Ion:167 Resp: 1048570

Ion Ratio Lower Upper

167 100

166 22.5 18.7 28.1

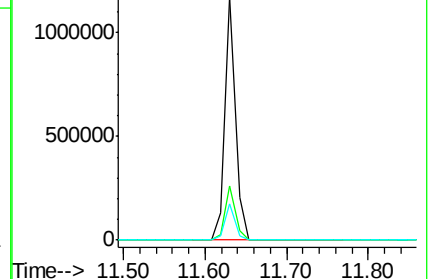
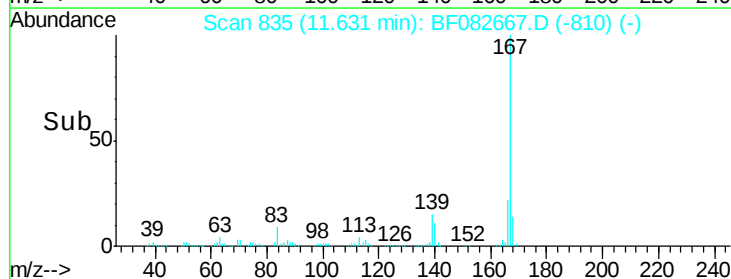
139 14.6 11.8 17.6

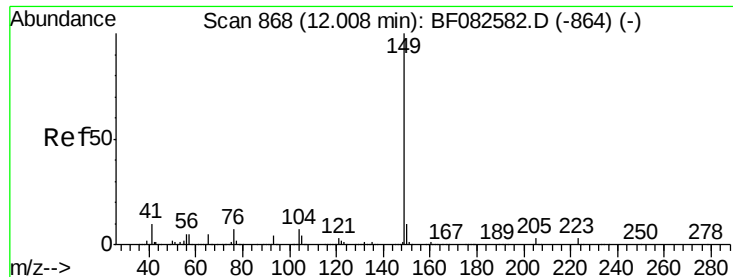


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.29 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

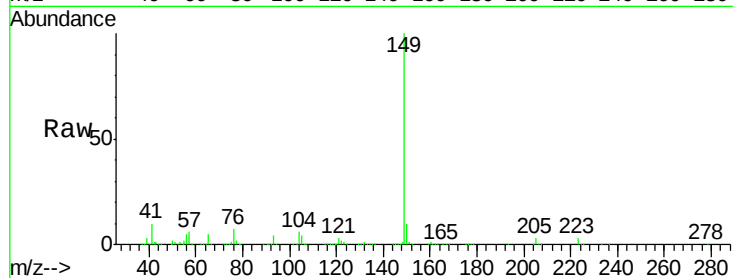
Tgt Ion:149 Resp: 1417421

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

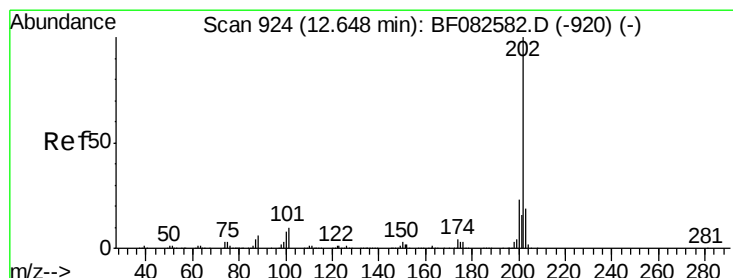
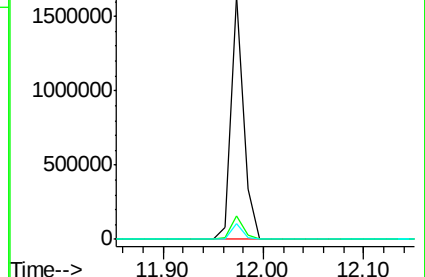
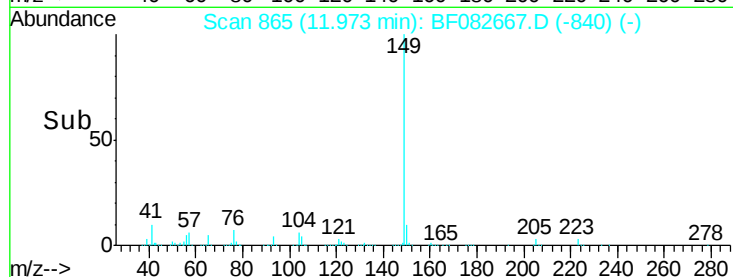
104 6.2 5.2 7.8



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: 33.57 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

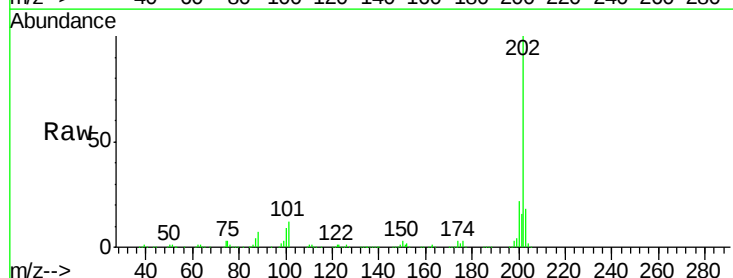
Tgt Ion:202 Resp: 1270558

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.5

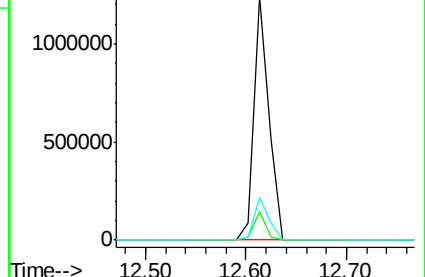
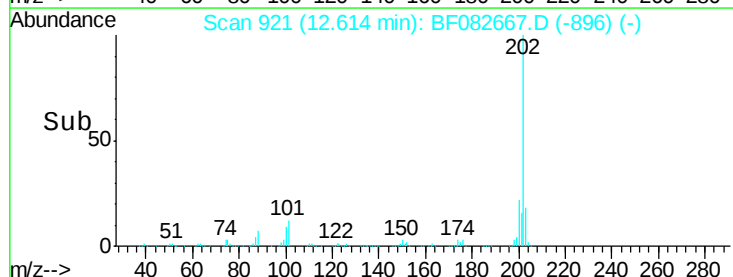
203 17.7 0.0 38.5

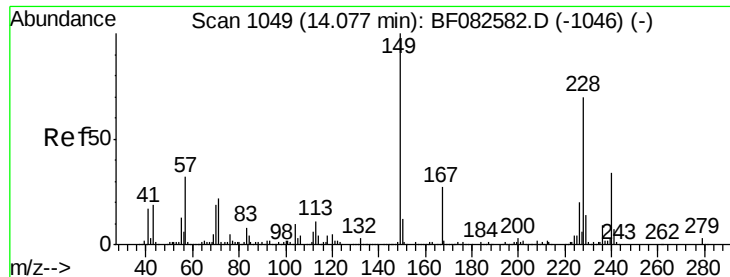


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

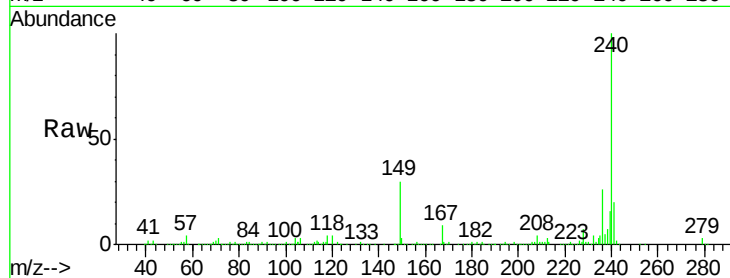
Tgt Ion:240 Resp: 554365

Ion Ratio Lower Upper

240 100

120 3.8 10.9 16.3#

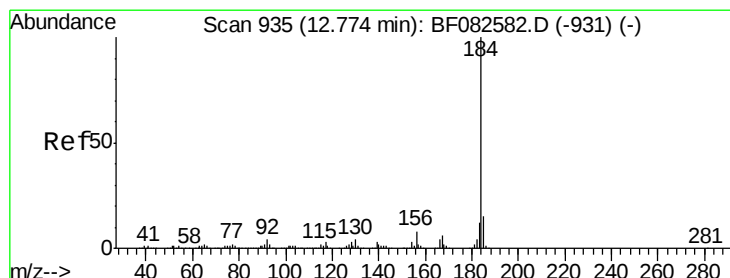
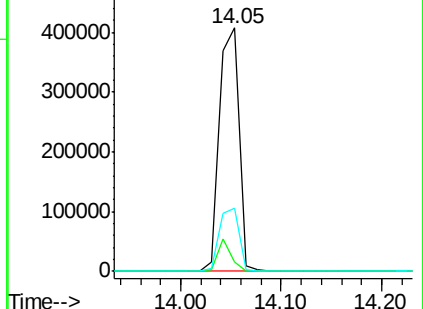
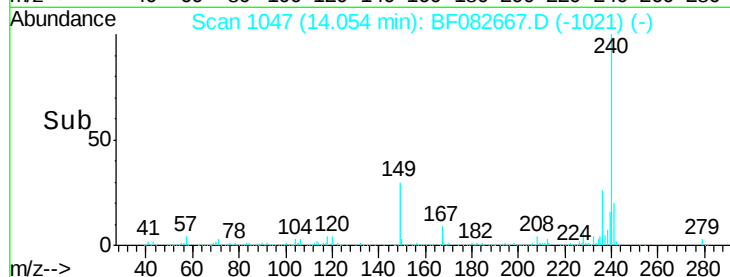
236 25.9 21.6 32.4



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: 24.81 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

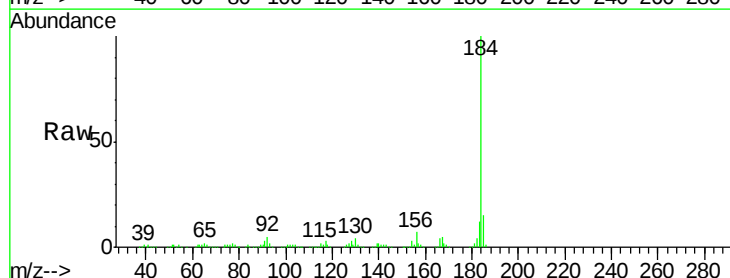
Tgt Ion:184 Resp: 620301

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

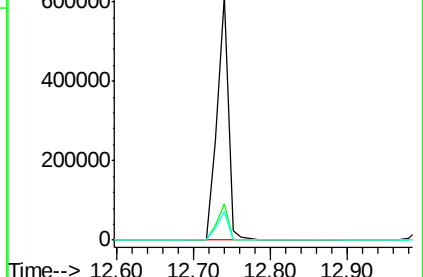
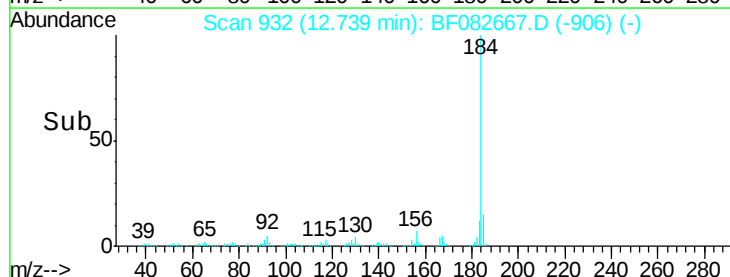
183 11.6 9.6 14.4

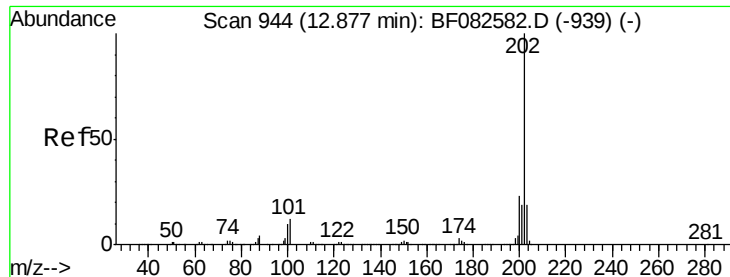


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

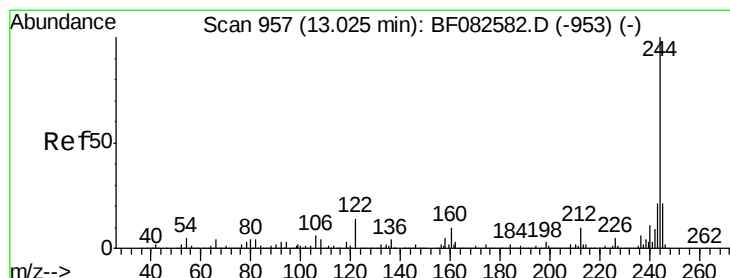
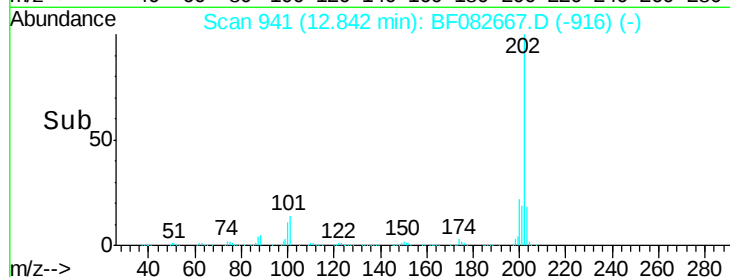
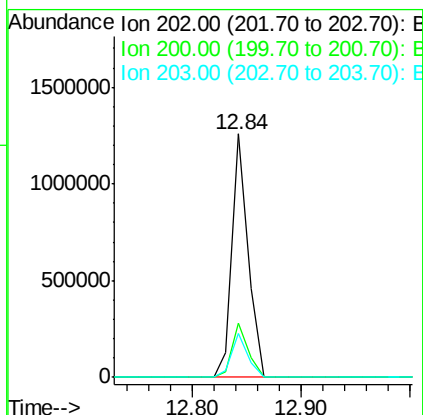
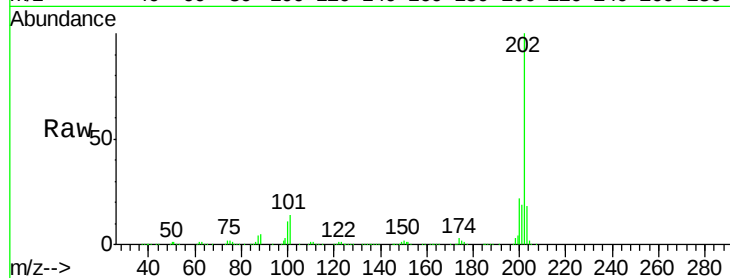




#77
Pyrene
Concen: 30.99 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

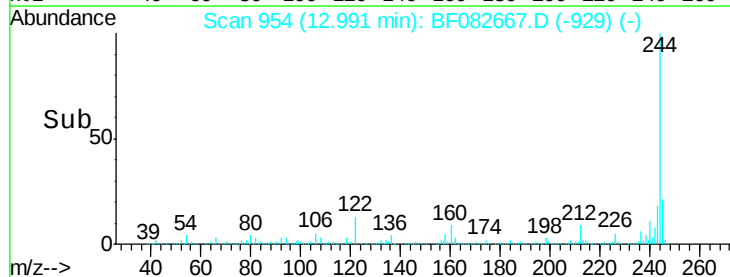
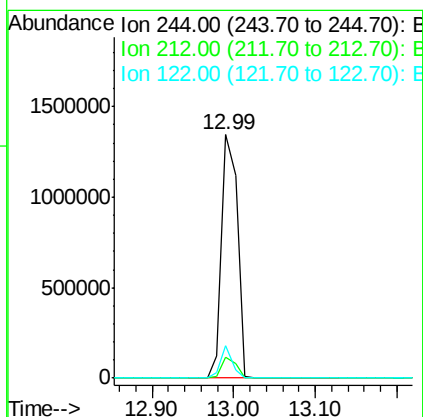
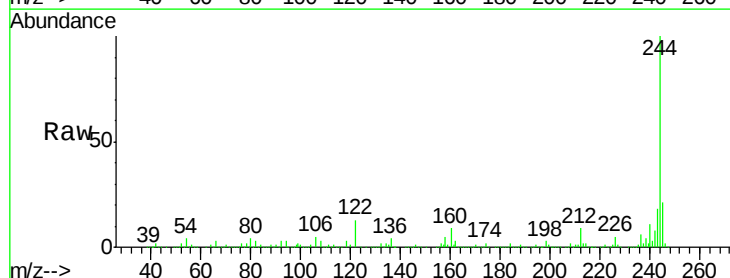
Instrument :
BNA_F
ClientSampleId :
PB86400BS

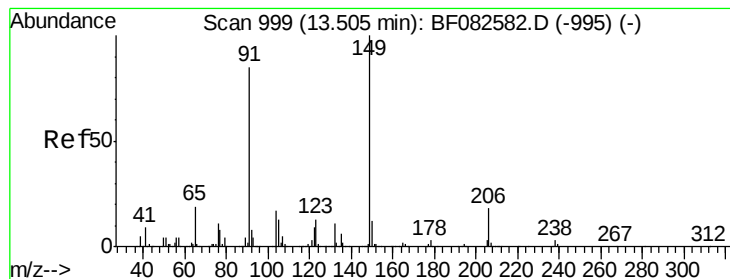
Tgt Ion: 202 Resp: 1272121
Ion Ratio Lower Upper
202 100
200 22.3 18.7 28.1
203 18.1 14.8 22.2



#78
Terphenyl-d14
Concen: 70.57 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion: 244 Resp: 1787520
Ion Ratio Lower Upper
244 100
212 8.8 7.6 11.4
122 13.3 11.3 16.9





#79

Butylbenzylphthalate

Concen: 34.57 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

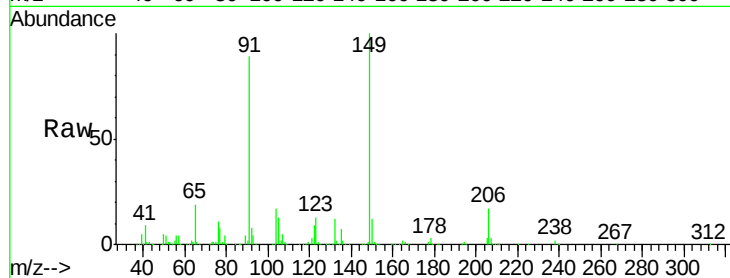
Tgt Ion:149 Resp: 621559

Ion Ratio Lower Upper

149 100

91 88.6 67.7 101.5

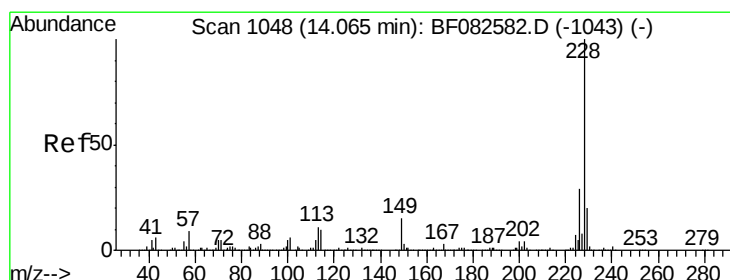
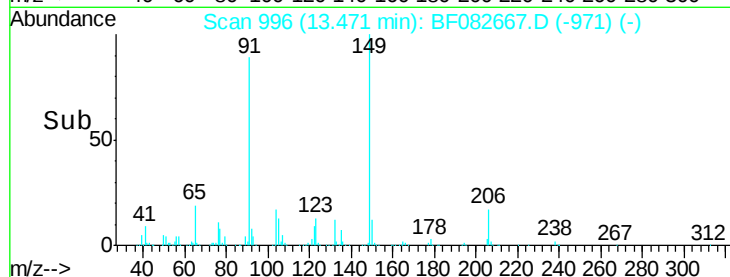
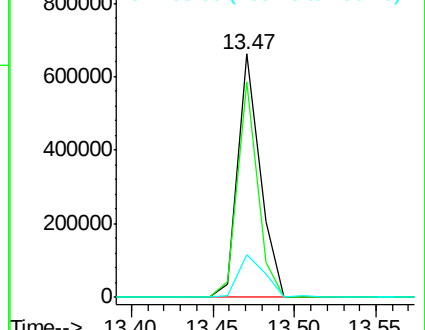
206 17.3 14.6 22.0



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: 34.81 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

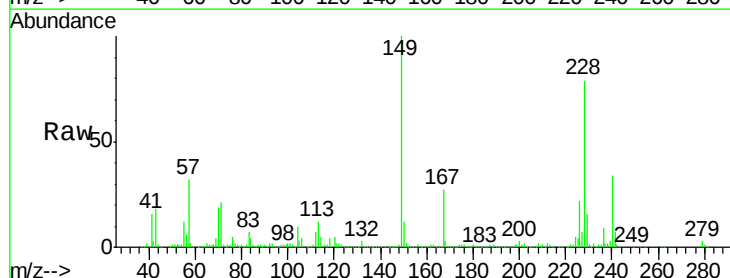
Tgt Ion:228 Resp: 1225835

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.2

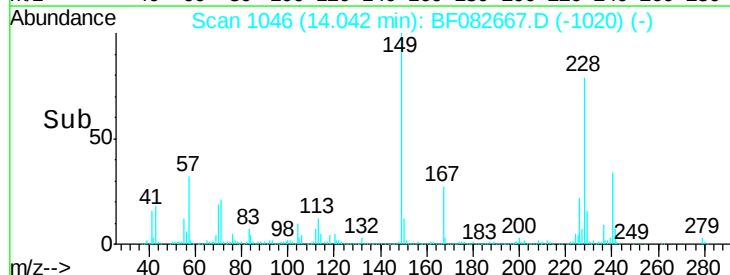
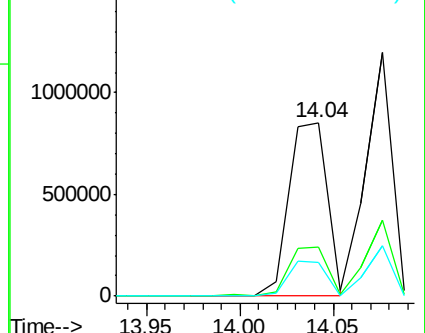
229 19.5 16.3 24.5

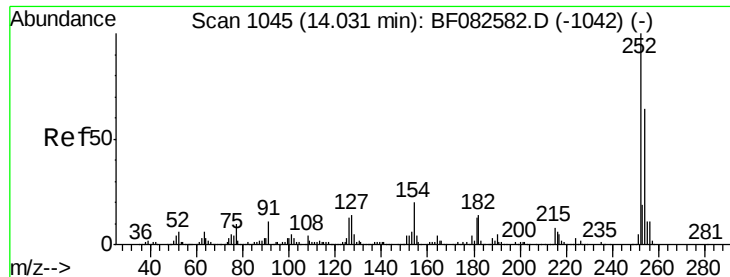


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

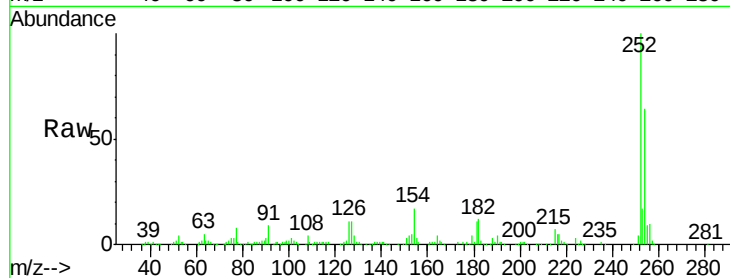




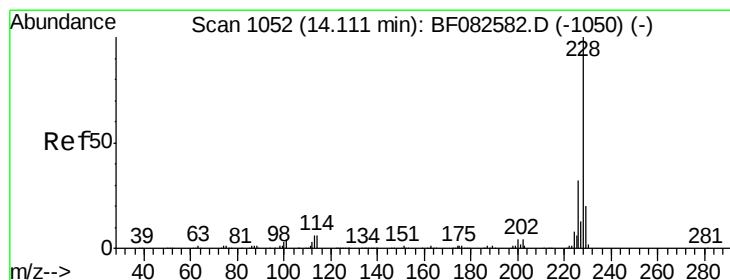
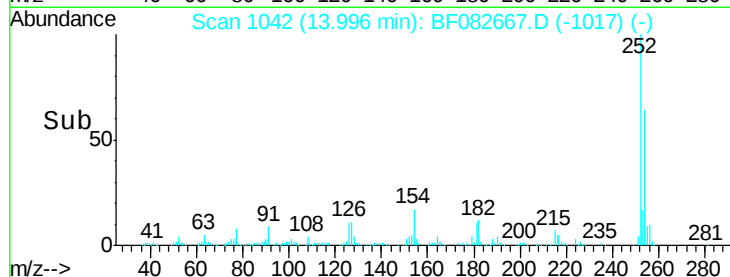
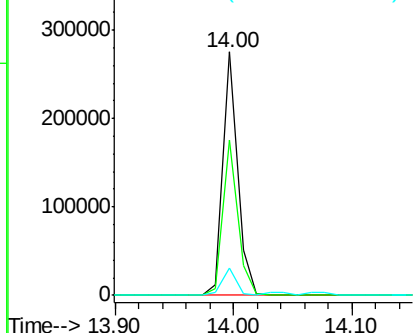
#81
 3,3'-Dichlorobenzidine
 Concen: 19.41 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.0
126	11.0	10.7	16.1

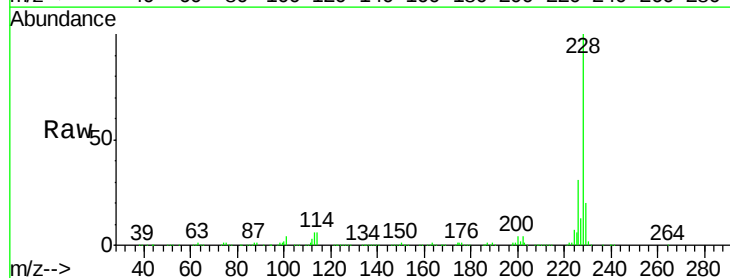


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

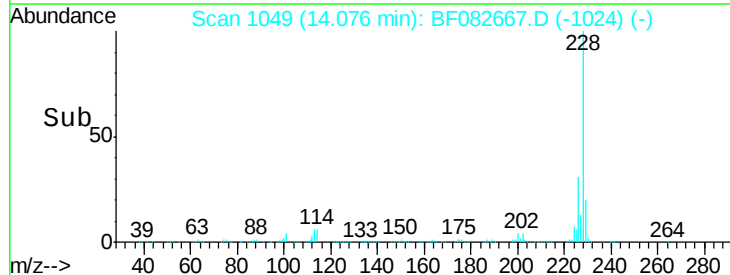
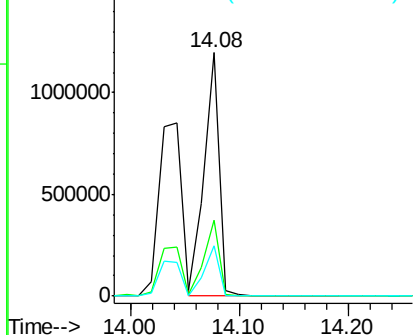


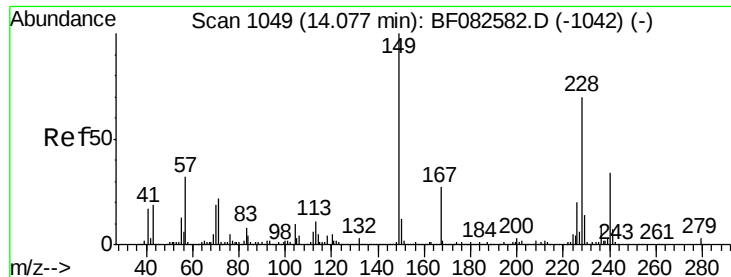
#82
 Chrysene
 Concen: 36.31 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.4	16.3	24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.16 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

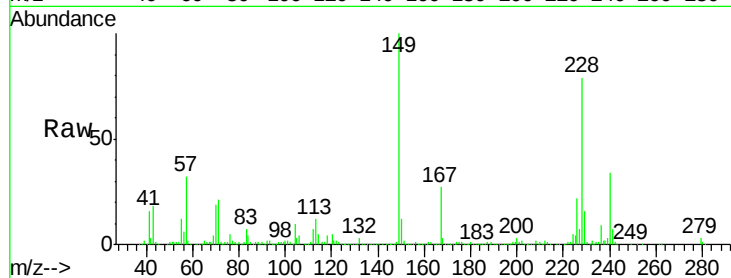
Tgt Ion:149 Resp: 912727

Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

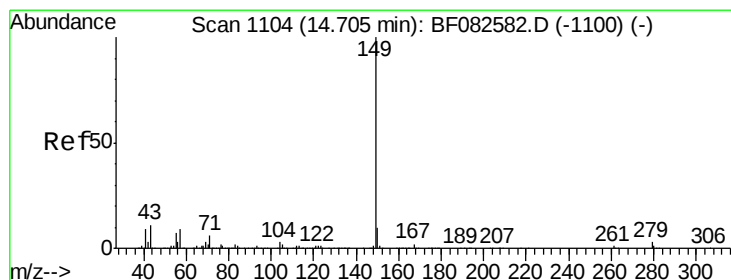
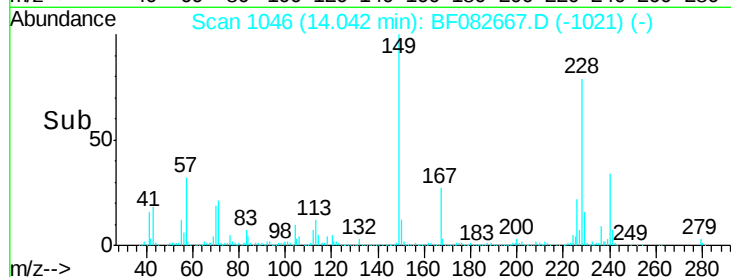
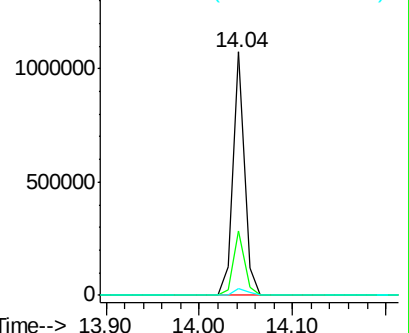
279 2.7 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.35 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

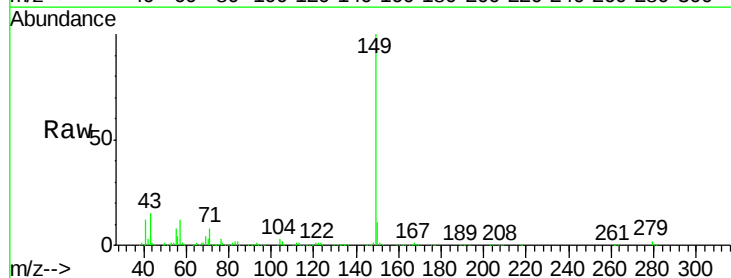
Tgt Ion:149 Resp: 1430741

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

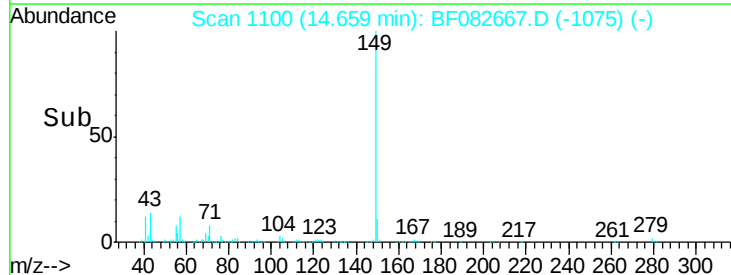
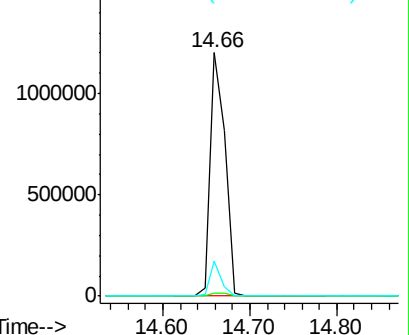
43 11.3 10.1 15.1

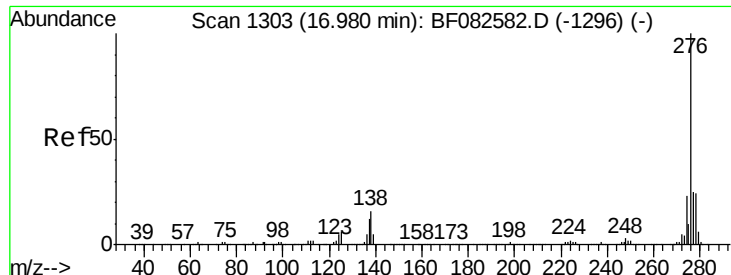


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.16 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

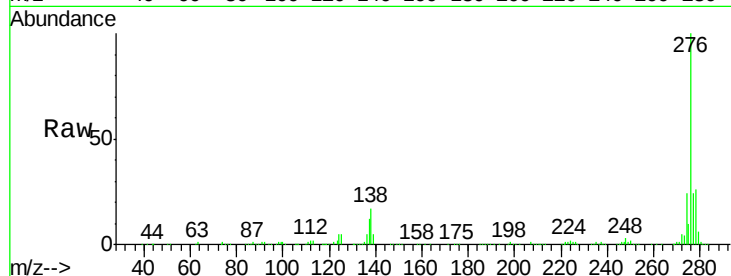
Tgt Ion:276 Resp: 1005080

Ion Ratio Lower Upper

276 100

138 18.8 15.3 22.9

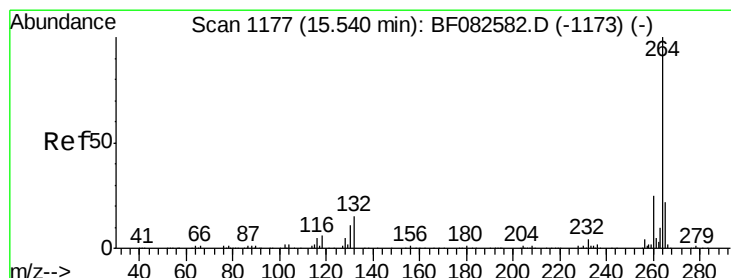
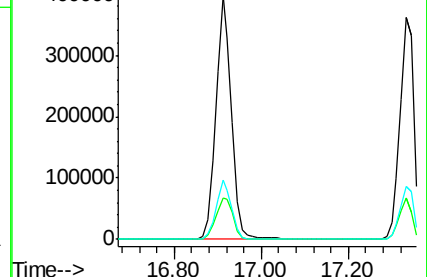
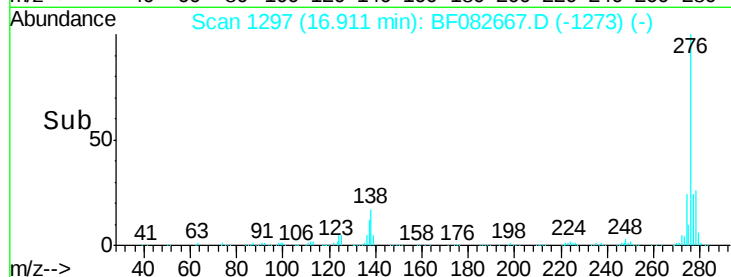
277 24.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

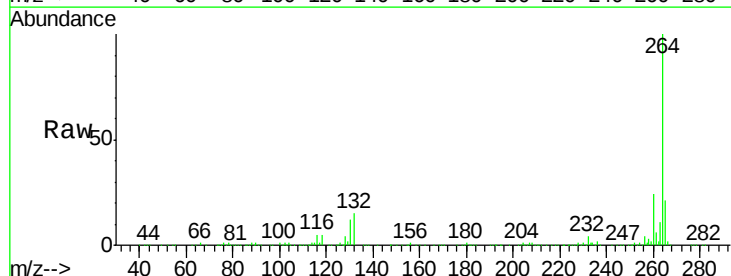
Tgt Ion:264 Resp: 488344

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

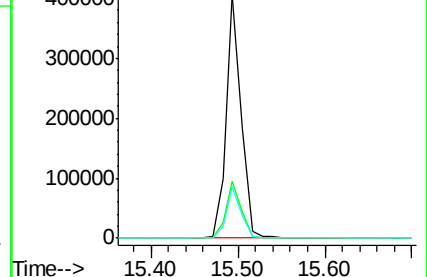
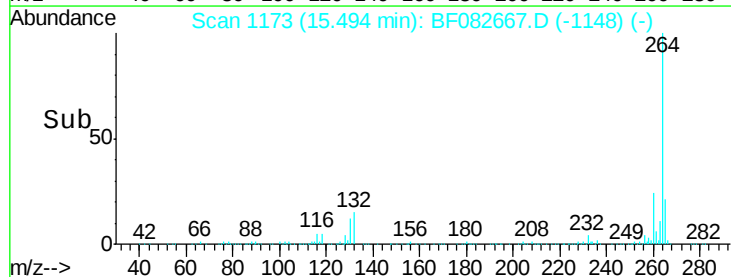
265 21.3 17.4 26.0

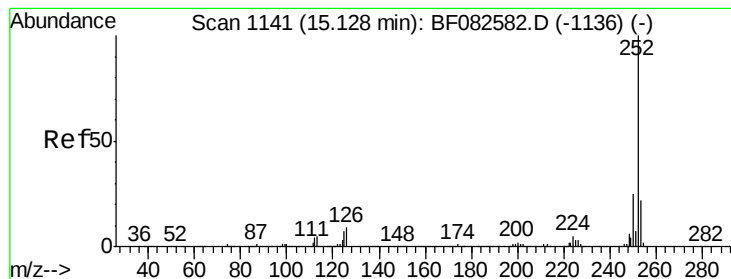


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 28.24 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

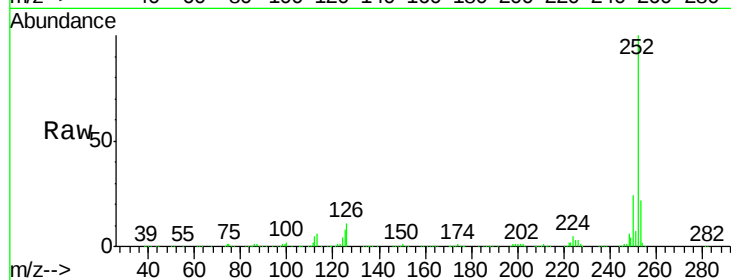
Tgt Ion:252 Resp: 951017

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

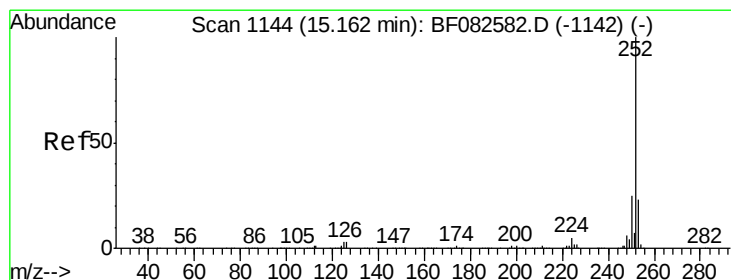
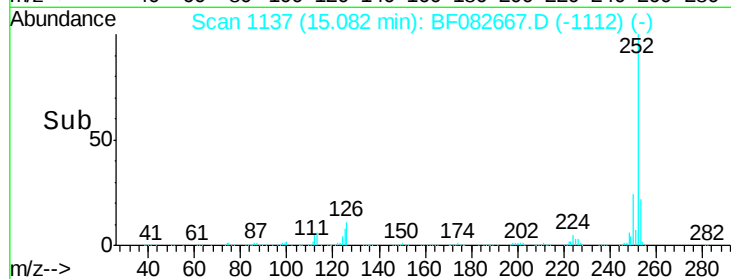
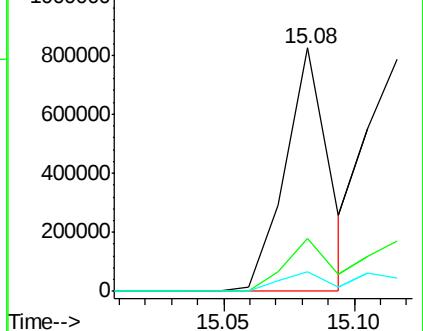
125 7.9 5.4 8.2



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: 37.07 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.05 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

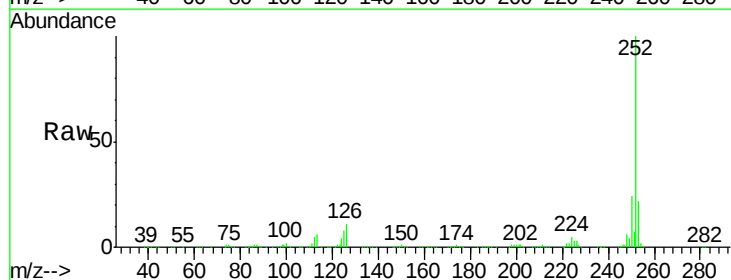
Tgt Ion:252 Resp: 951017

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

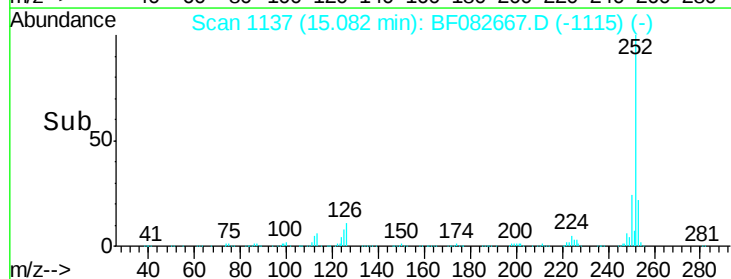
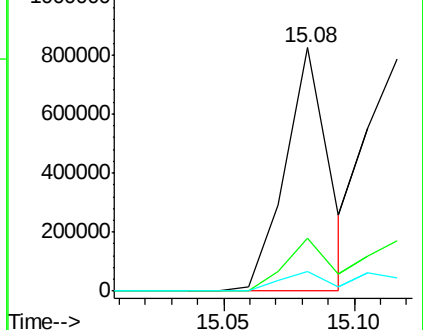
125 7.9 3.5 5.3#

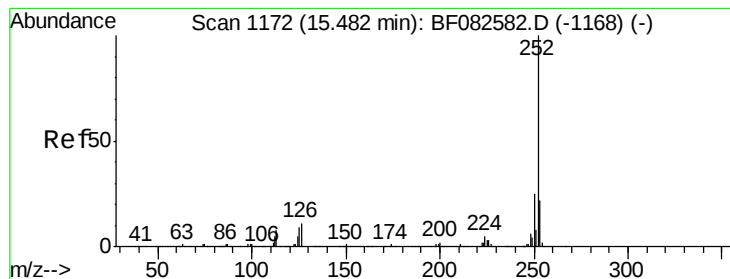


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

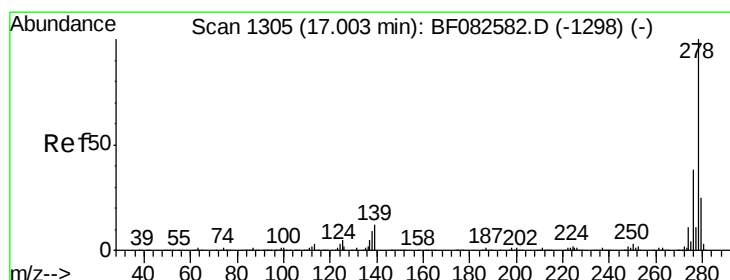
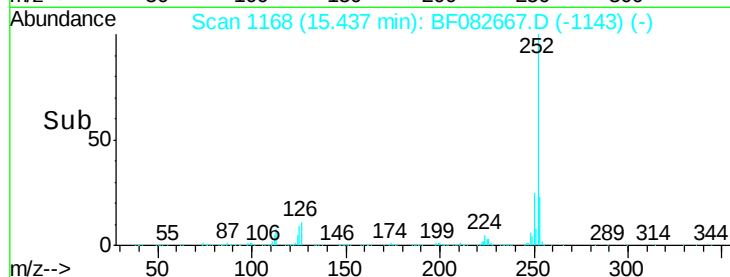
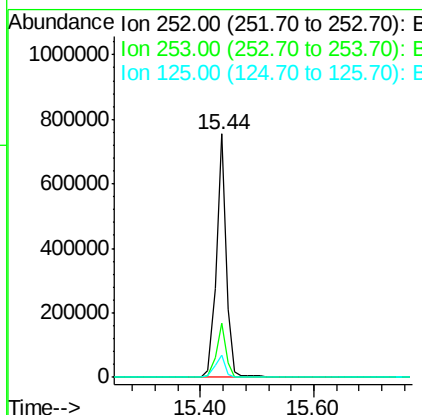
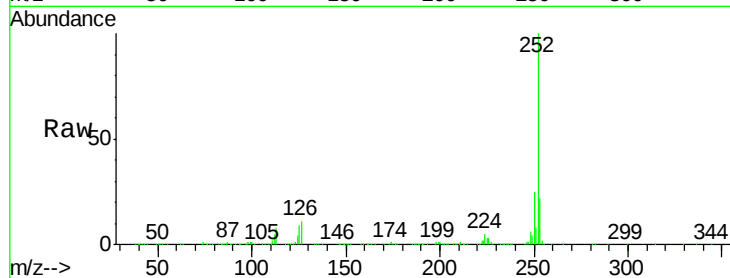




#89
Benzo(a)pyrene
Concen: 33.95 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

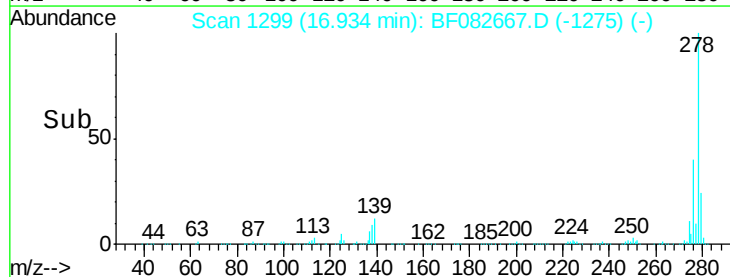
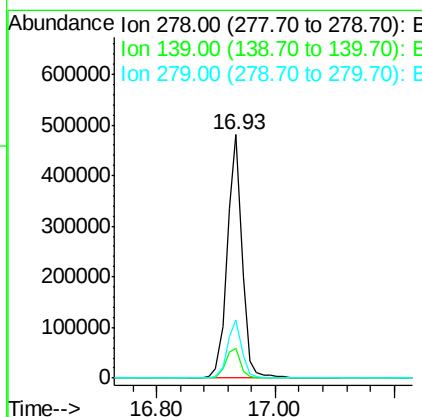
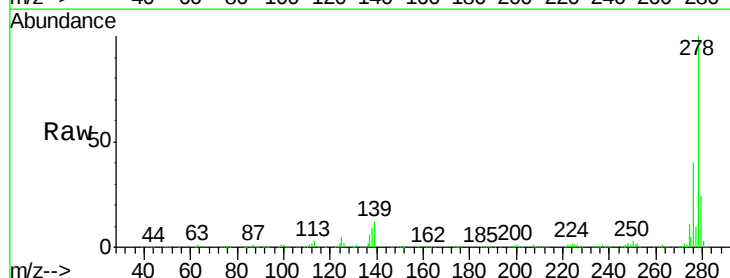
Instrument :
BNA_F
ClientSampleId :
PB86400BS

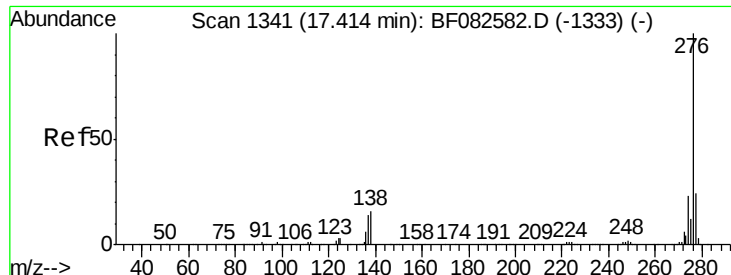
Tgt Ion:252 Resp: 900343
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 9.2 7.1 10.7



#90
Dibenzo(a,h)anthracene
Concen: 33.64 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion:278 Resp: 832390
Ion Ratio Lower Upper
278 100
139 12.0 9.9 14.9
279 23.8 19.6 29.4





#91
 Benzo(g,h,i)perylene
 Concen: 33.81 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tgt Ion:	276	Resp:	810766
Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	18.3	13.1	19.7

