

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082176.D
 Acq On : 10 Oct 2015 15:04
 Operator : UM/IZ
 Sample : PB86050BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Quant Time: Oct 12 01:55:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83289	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	335386	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	168854	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	321556	20.00	ng	0.00
75) Chrysene-d12	14.01	240	304194	20.00	ng	0.00
86) Perylene-d12	15.44	264	252583	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	449873	109.01	ng	0.01
7) Phenol-d6	6.48	99	643924	119.90	ng	0.00
23) Nitrobenzene-d5	7.41	82	370995	74.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	173306	109.44	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	818671	80.40	ng	0.00
78) Terphenyl-d14	12.96	244	876921	76.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	61158	29.50	ng	# 95
3) Pyridine	3.23	79	166348	34.49	ng	95
4) n-Nitrosodimethylamine	3.19	42	66011	32.27	ng	# 97
6) Aniline	6.50	93	146724	21.19	ng	100
8) 2-Chlorophenol	6.62	128	172175	34.18	ng	# 76
9) Benzaldehyde	6.39	77	85428	31.15	ng	91
10) Phenol	6.49	94	232437	37.54	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	180139	34.40	ng	94
12) 1,3-Dichlorobenzene	6.78	146	207575	35.38	ng	98
13) 1,4-Dichlorobenzene	6.86	146	214489	35.01	ng	98
14) 1,2-Dichlorobenzene	7.01	146	200357	34.44	ng	96
15) Benzyl Alcohol	6.98	79	133757	36.08	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	251797	34.53	ng	100
17) 2-Methylphenol	7.10	107	140901	35.37	ng	98
18) Hexachloroethane	7.35	117	72710	34.67	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	127331	33.76	ng	91
20) 3+4-Methylphenols	7.26	107	180155	37.95	ng	92
22) Acetophenone	7.26	105	241878	36.46	ng	# 94
24) Nitrobenzene	7.43	77	188636	34.89	ng	90
25) Isophorone	7.67	82	348390	34.56	ng	96
26) 2-Nitrophenol	7.75	139	97465	36.11	ng	92
27) 2,4-Dimethylphenol	7.78	122	166041	38.18	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	212036	36.15	ng	98
29) 2,4-Dichlorophenol	7.99	162	173414	39.89	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	178780	35.68	ng	98
31) Naphthalene	8.15	128	538956	37.07	ng	100
32) Benzoic acid	7.91	122	100398	34.40	ng	98
33) 4-Chloroaniline	8.21	127	77590	12.85	ng	96
34) Hexachlorobutadiene	8.26	225	110708	35.46	ng	98
35) Caprolactam	8.57	113	33081	26.22	ng	# 80
36) 4-Chloro-3-methylphenol	8.69	107	159260	37.46	ng	98
37) 2-Methylnaphthalene	8.85	142	357224	35.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	180621	35.96	ng	98
40) Hexachlorocyclopentadiene	8.99	237	185728	73.80	ng	100

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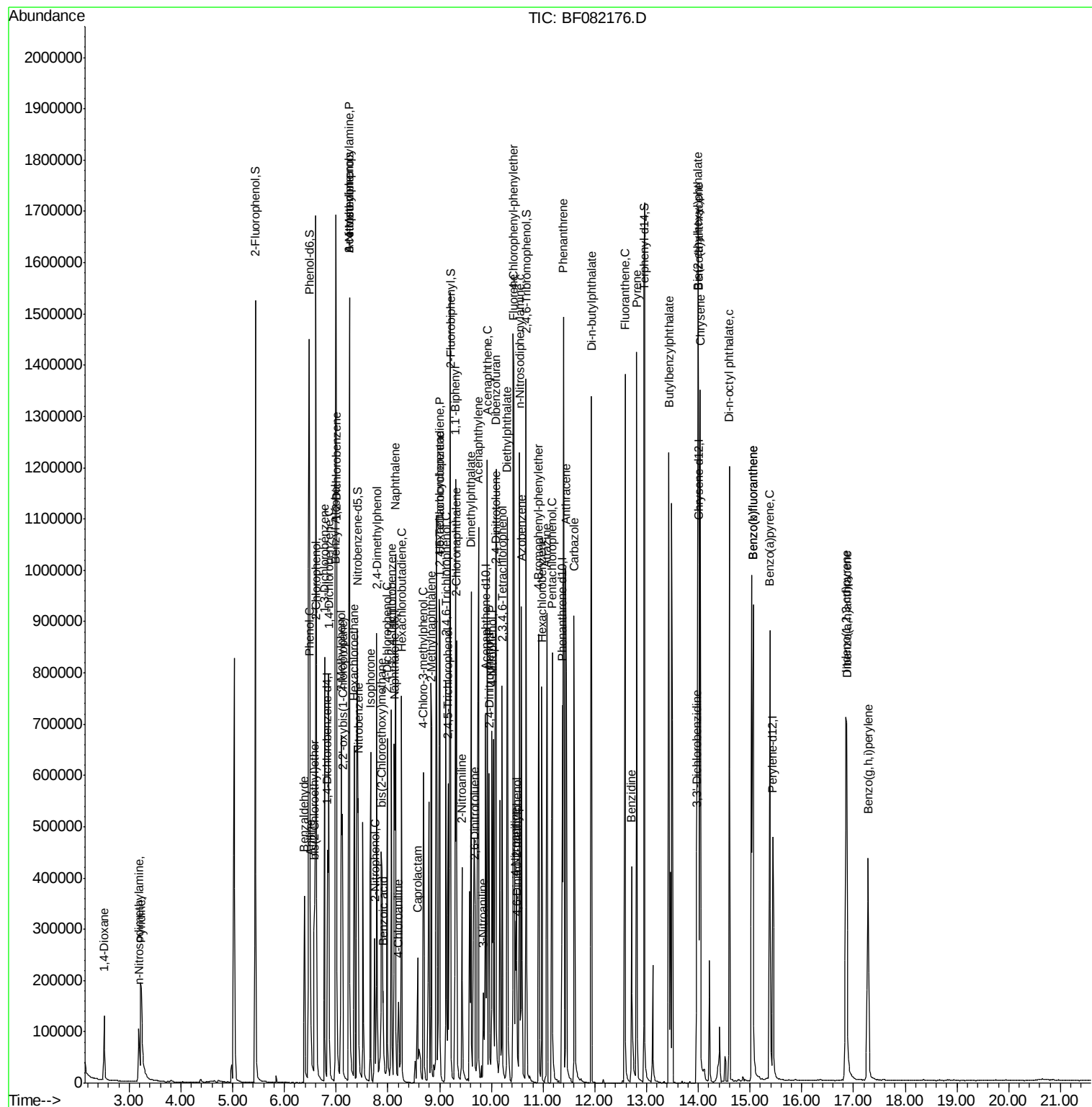
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42) 2,4,6-Trichlorophenol	9.12	196	117258	35.15	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	128871	35.66	ng	97
45) 1,1'-Biphenyl	9.30	154	442455	34.36	ng	98
46) 2-Chloronaphthalene	9.33	162	352753	34.80	ng	# 93
47) 2-Nitroaniline	9.43	65	99119	35.62	ng	99
48) Acenaphthylene	9.75	152	589229	37.32	ng	99
49) Dimethylphthalate	9.61	163	443064	37.26	ng	99
50) 2,6-Dinitrotoluene	9.68	165	91849	36.61	ng	# 80
51) Acenaphthene	9.92	154	342721	36.15	ng	99
52) 3-Nitroaniline	9.84	138	46752	16.50	ng	# 79
53) 2,4-Dinitrophenol	9.95	184	108109	77.34	ng	99
54) Dibenzofuran	10.09	168	517542	39.77	ng	99
55) 4-Nitrophenol	10.01	139	127053	68.77	ng	92
56) 2,4-Dinitrotoluene	10.08	165	132780	42.34	ng	89
57) Fluorene	10.43	166	415788	38.90	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	107974	36.57	ng	100
59) Diethylphthalate	10.31	149	422334	38.11	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	184720	37.73	ng	97
61) 4-Nitroaniline	10.46	138	91122	33.15	ng	92
62) Azobenzene	10.58	77	400976	36.97	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	63838	35.38	ng	83
65) n-Nitrosodiphenylamine	10.55	169	367065	38.13	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	120113	37.32	ng	96
67) Hexachlorobenzene	10.97	284	121259	34.84	ng	# 61
68) Atrazine	11.07	200	116569	38.22	ng	99
69) Pentachlorophenol	11.18	266	140437	78.42	ng	97
70) Phenanthrene	11.39	178	591203	37.51	ng	100
71) Anthracene	11.44	178	636360	39.18	ng	99
72) Carbazole	11.60	167	525791	35.49	ng	99
73) Di-n-butylphthalate	11.93	149	686933	37.58	ng	99
74) Fluoranthene	12.58	202	654593	38.67	ng	99
76) Benzidine	12.71	184	265302	30.10	ng	98
77) Pyrene	12.81	202	655700	36.32	ng	99
79) Butylbenzylphthalate	13.43	149	285432	34.65	ng	99
80) Benzo(a)anthracene	14.00	228	585640	37.00	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	128345	21.36	ng	# 96
82) Chrysene	14.04	228	510324	30.60	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	422306	35.93	ng	100
84) Di-n-octyl phthalate	14.60	149	694355	34.40	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	473473	35.72	ng	99
87) Benzo(b)fluoranthene	15.06	252	1058411	68.88	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	1060059	82.07	ng	# 98
89) Benzo(a)pyrene	15.38	252	487355	36.90	ng	100
90) Dibenzo(a,h)anthracene	16.87	278	399208	36.89	ng	98
91) Benzo(g,h,i)perylene	17.28	276	380623	36.20	ng	99

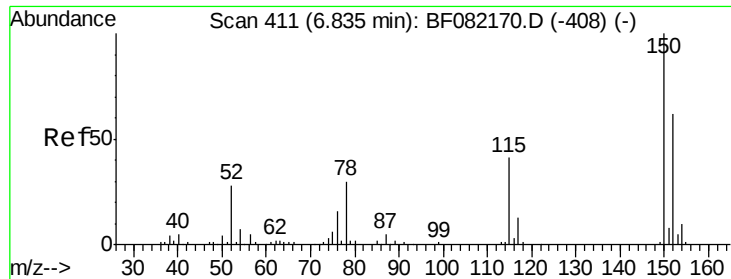
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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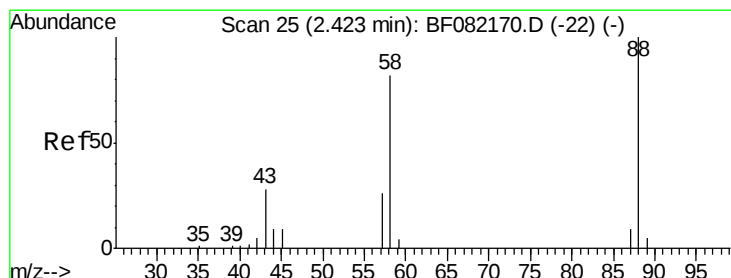
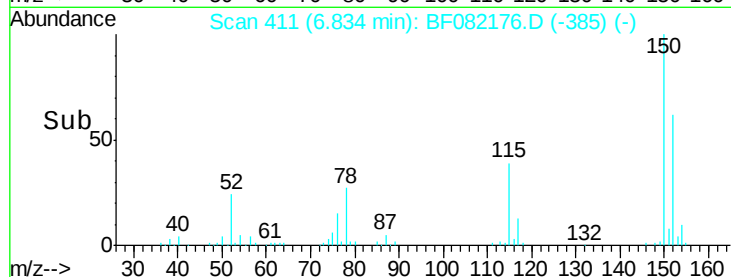
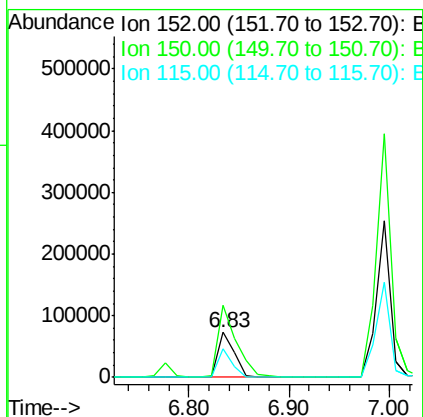
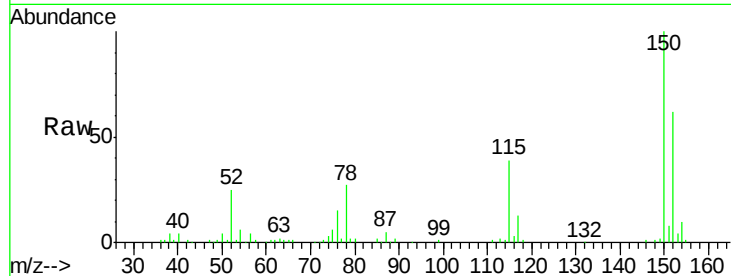




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

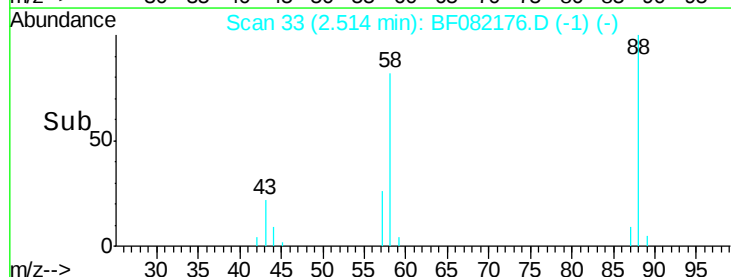
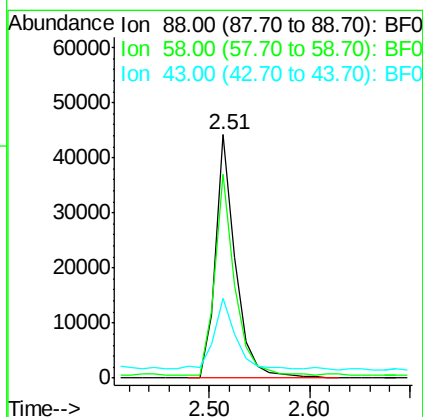
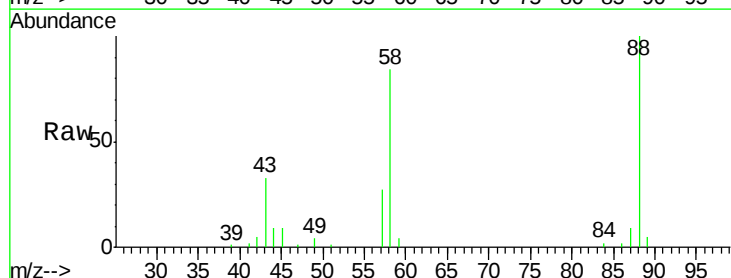
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

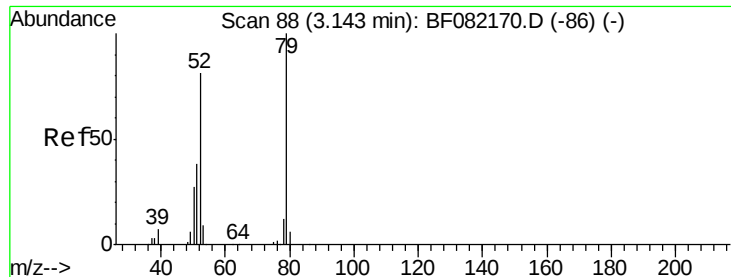
Tgt Ion:152 Resp: 83289
 Ion Ratio Lower Upper
 152 100
 150 160.9 129.0 193.4
 115 63.3 52.1 78.1



#2
 1,4-Dioxane
 Concen: 29.50 ng
 RT: 2.51 min Scan# 33
 Delta R.T. 0.09 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion: 88 Resp: 61158
 Ion Ratio Lower Upper
 88 100
 58 81.3 66.2 99.4
 43 36.3 23.0 34.4#

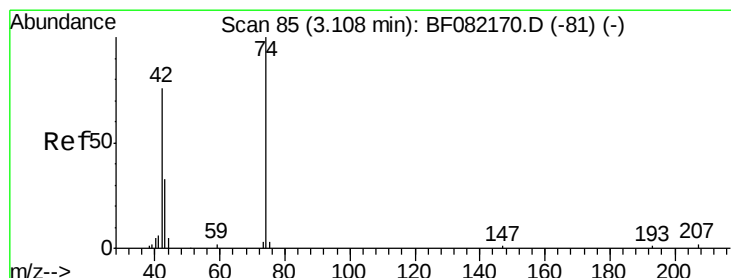
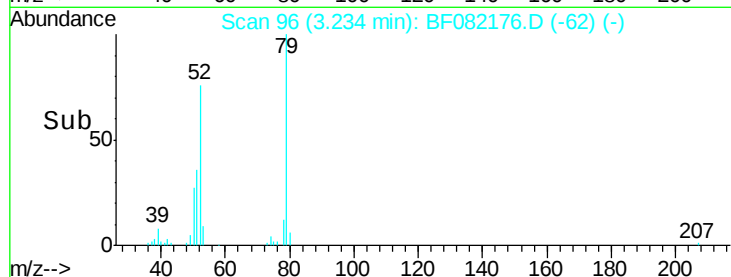
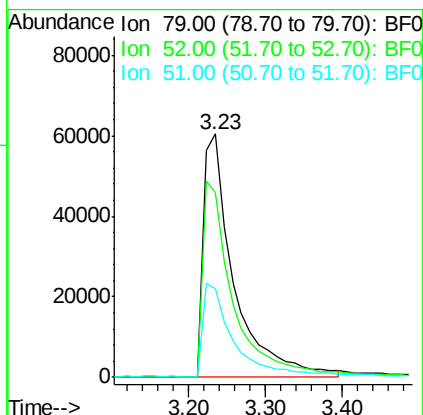
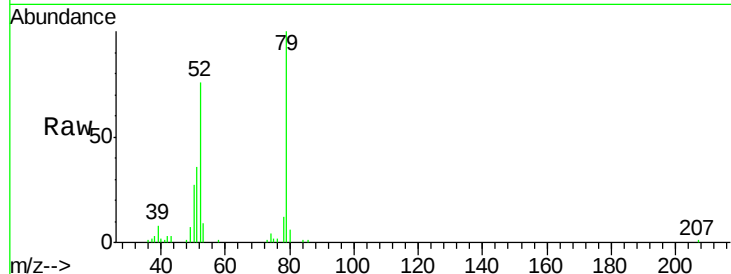




#3
 Pyridine
 Concen: 34.49 ng
 RT: 3.23 min Scan# 96
 Delta R.T. 0.09 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

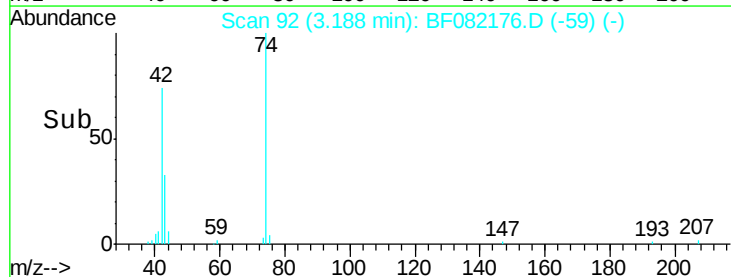
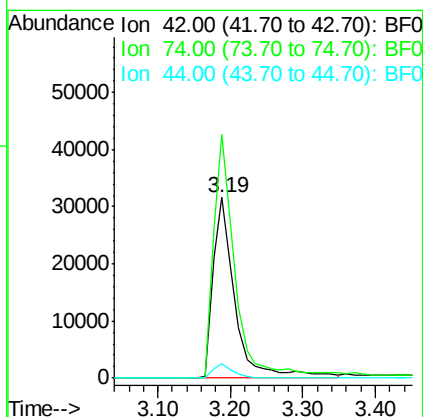
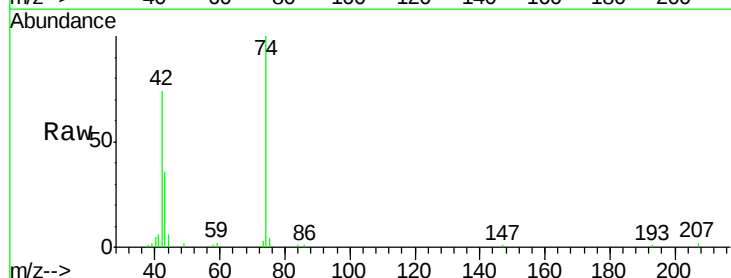
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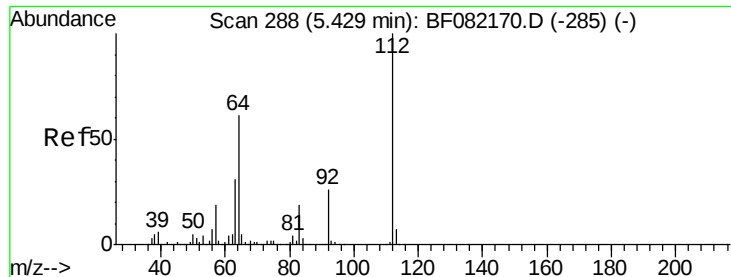
Tgt Ion: 79 Resp: 166348
 Ion Ratio Lower Upper
 79 100
 52 75.8 64.4 96.6
 51 36.4 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 32.27 ng
 RT: 3.19 min Scan# 92
 Delta R.T. 0.08 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion: 42 Resp: 66011
 Ion Ratio Lower Upper
 42 100
 74 135.0 105.7 158.5
 44 8.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 109.01 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

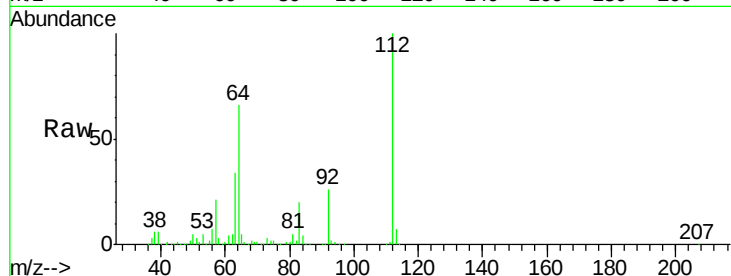
Tgt Ion: 112 Resp: 449873

Ion Ratio Lower Upper

112 100

64 66.1 48.6 73.0

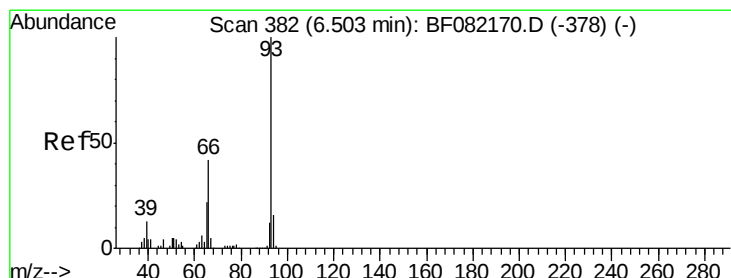
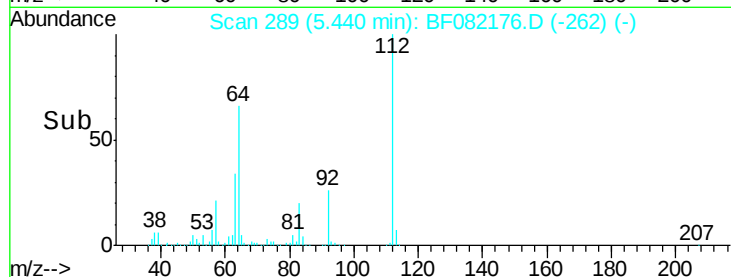
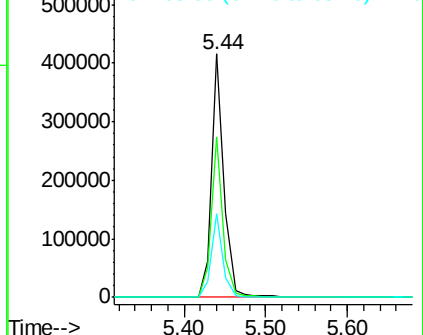
63 34.3 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.19 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

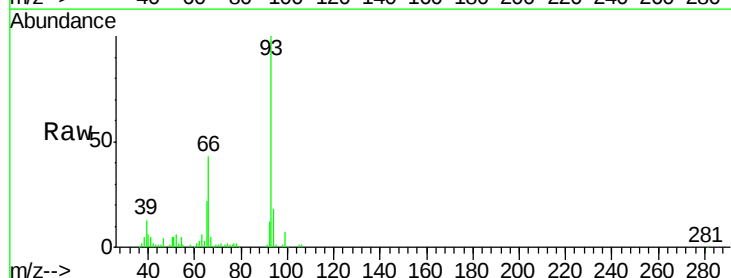
Tgt Ion: 93 Resp: 146724

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.2

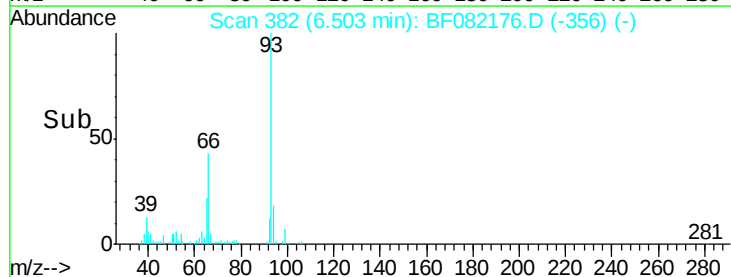
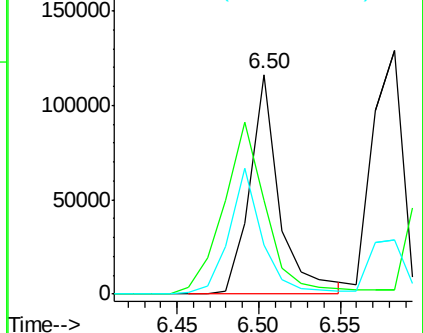
65 22.2 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.90 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

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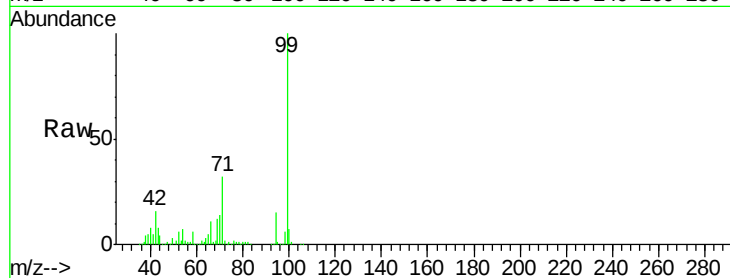
Tgt Ion: 99 Resp: 643924

Ion Ratio Lower Upper

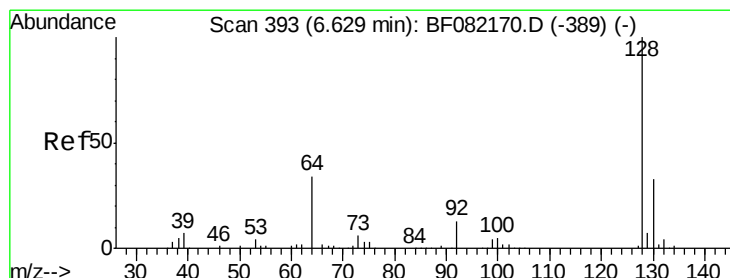
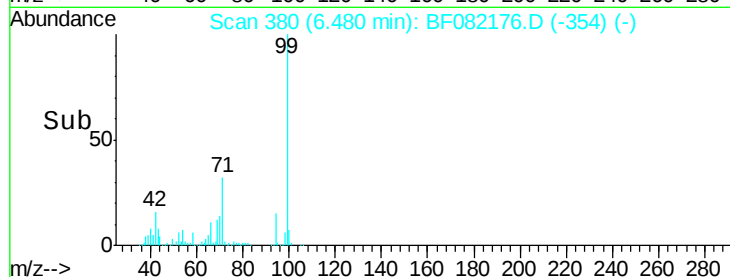
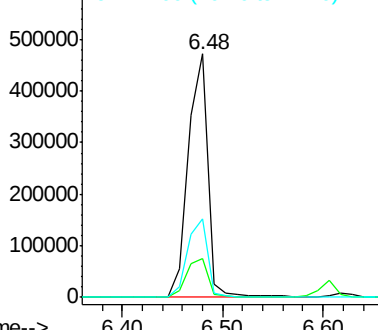
99 100

42 15.8 13.2 19.8

71 32.1 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.18 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

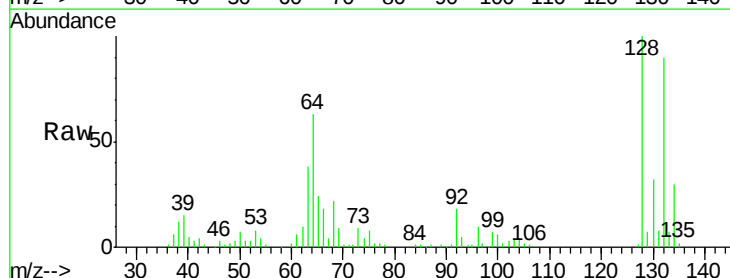
Tgt Ion: 128 Resp: 172175

Ion Ratio Lower Upper

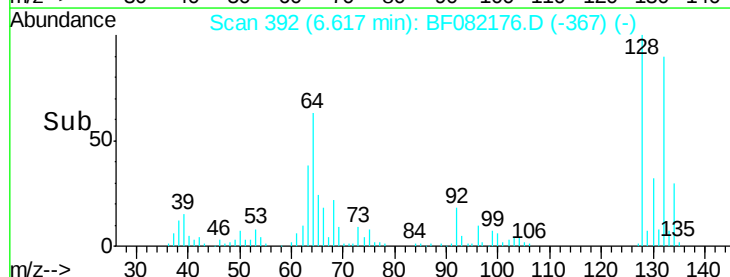
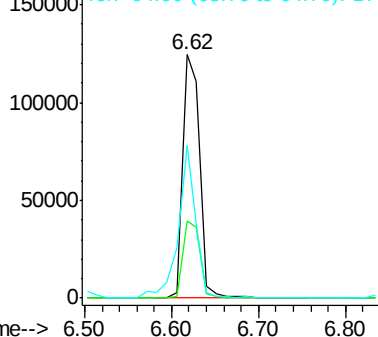
128 100

130 31.5 12.6 52.6

64 62.9 16.7 56.7#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.15 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

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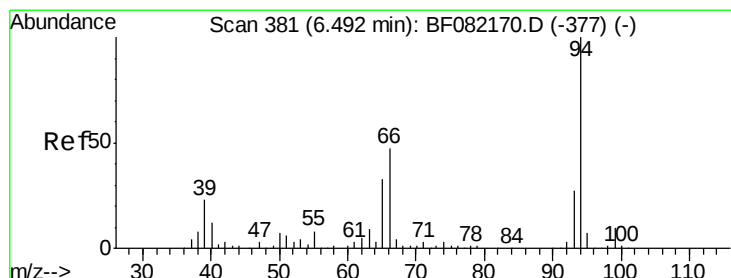
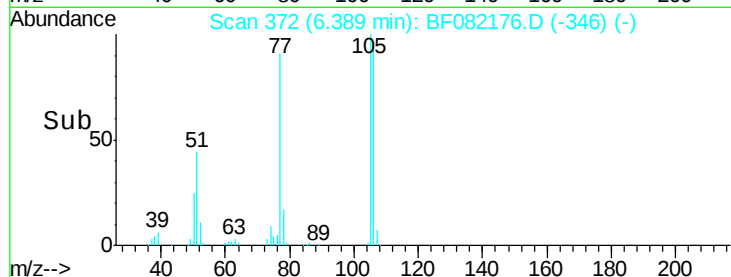
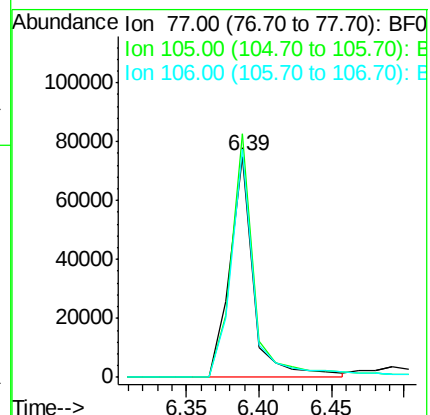
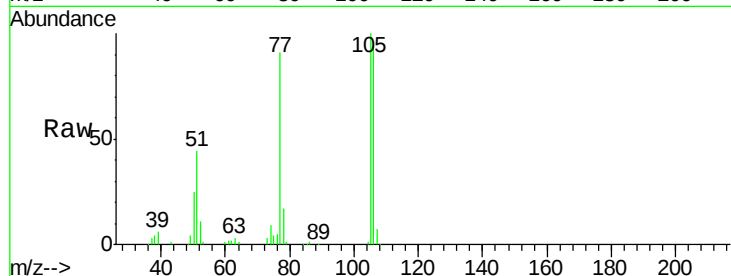
Tgt Ion: 77 Resp: 85428

Ion Ratio Lower Upper

77 100

105 110.3 80.6 120.6

106 103.2 75.5 115.5



#10

Phenol

Concen: 37.54 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082176.D

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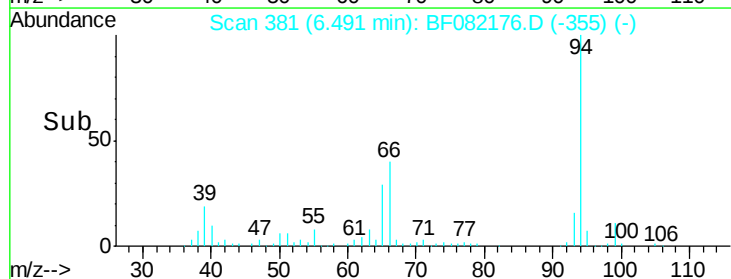
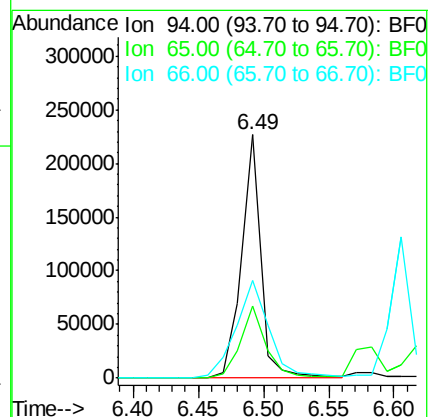
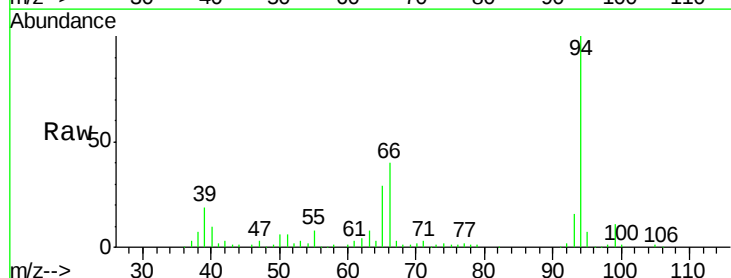
Tgt Ion: 94 Resp: 232437

Ion Ratio Lower Upper

94 100

65 29.4 12.6 52.6

66 40.0 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 34.40 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

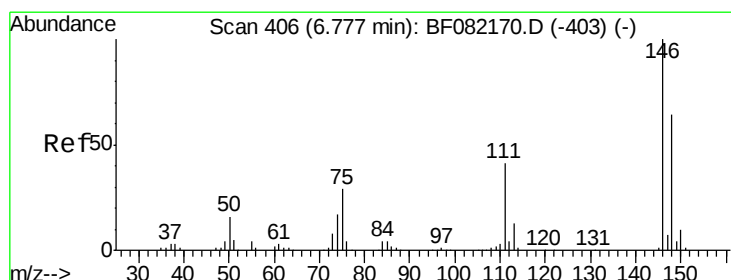
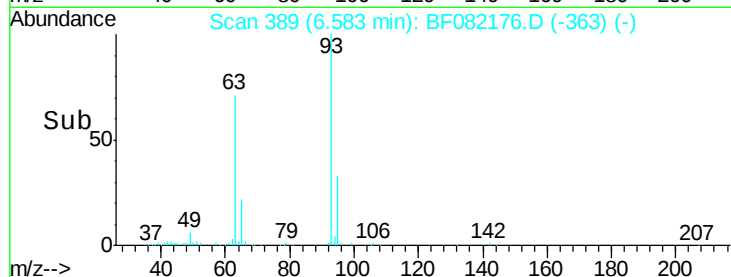
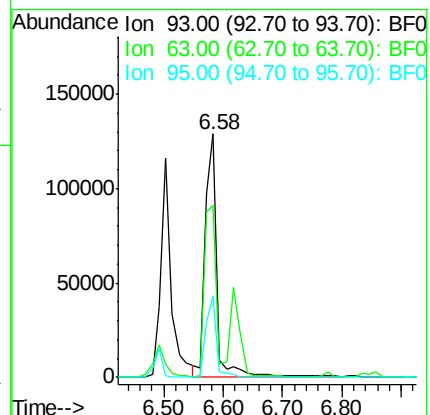
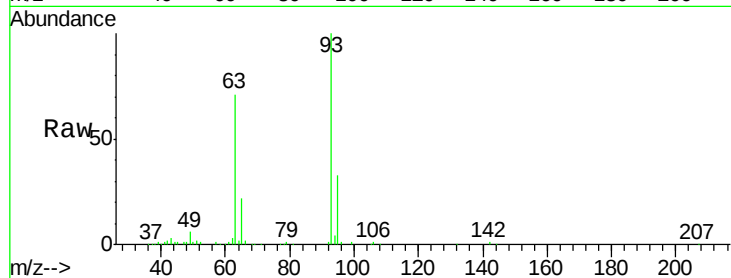
Tgt Ion: 93 Resp: 180139

Ion Ratio Lower Upper

93 100

63 70.9 57.1 97.1

95 33.1 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 35.38 ng

RT: 6.78 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

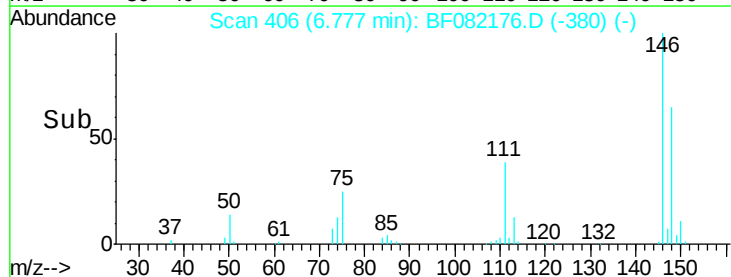
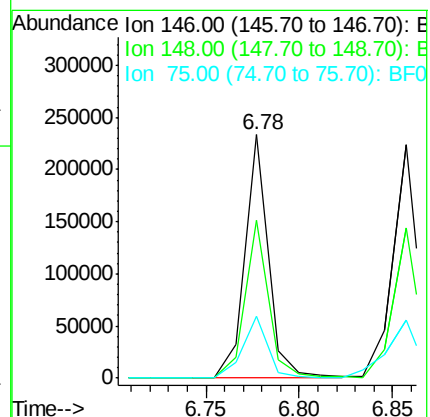
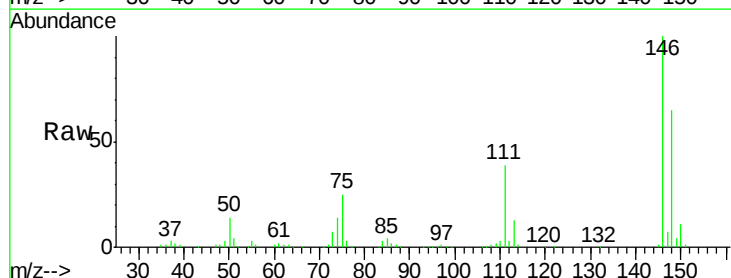
Tgt Ion: 146 Resp: 207575

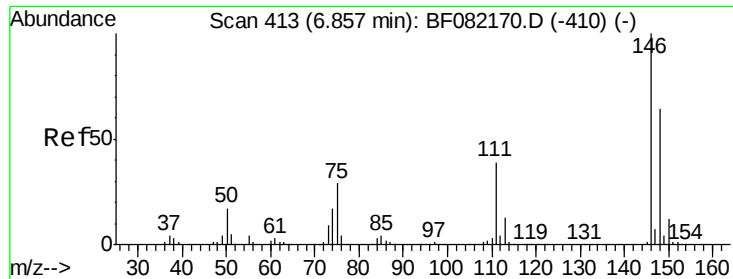
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

75 25.3 23.0 34.6

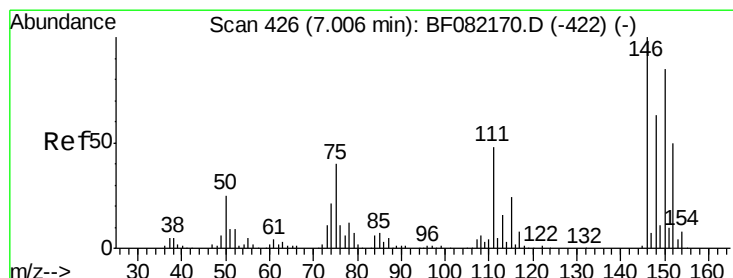
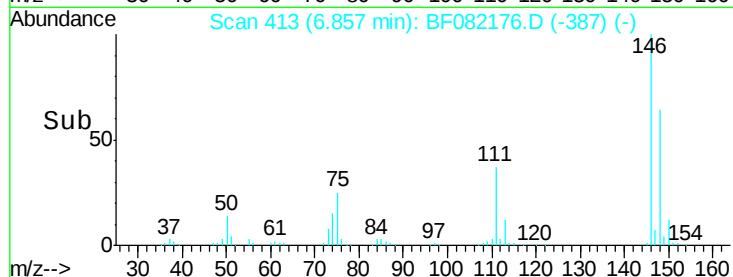
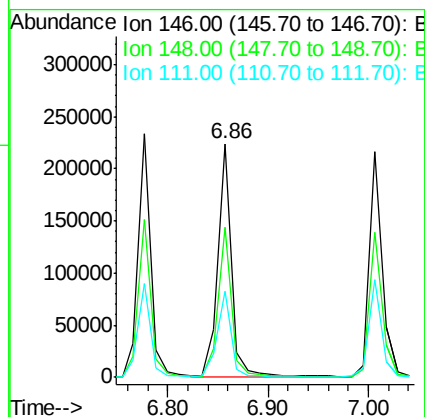
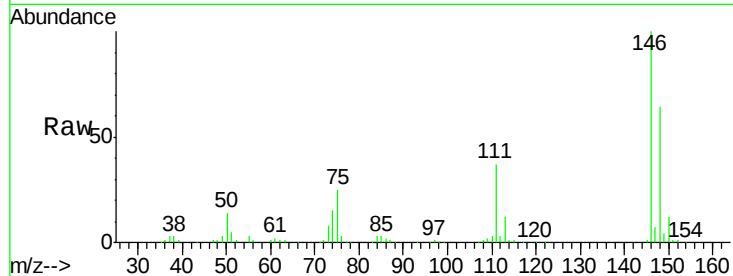




#13
 1,4-Dichlorobenzene
 Concen: 35.01 ng
 RT: 6.86 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

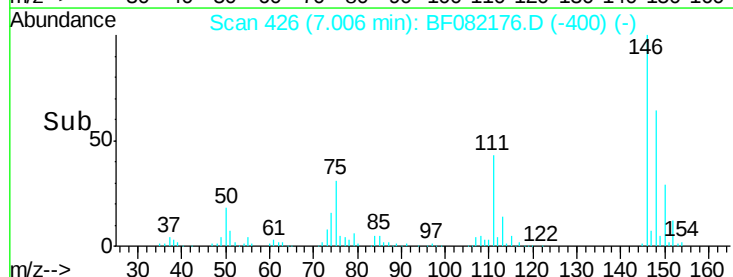
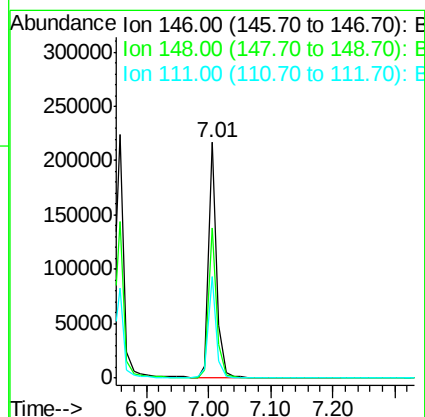
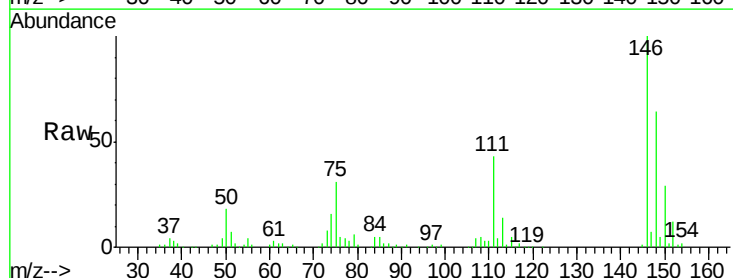
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion:146 Resp: 214489
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.4
 111 37.1 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 34.44 ng
 RT: 7.01 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:146 Resp: 200357
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.5 75.7
 111 43.1 38.5 57.7





#15

Benzyl Alcohol

Concen: 36.08 ng

RT: 6.98 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

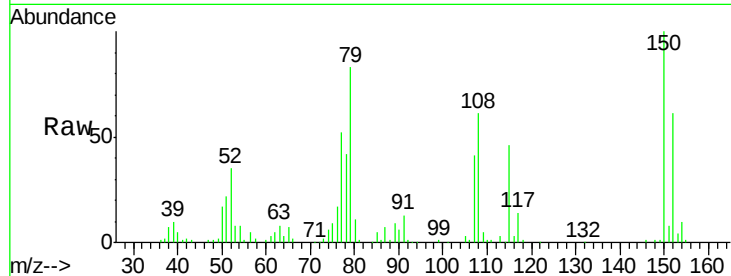
Tgt Ion: 79 Resp: 133757

Ion Ratio Lower Upper

79 100

108 73.0 58.4 87.6

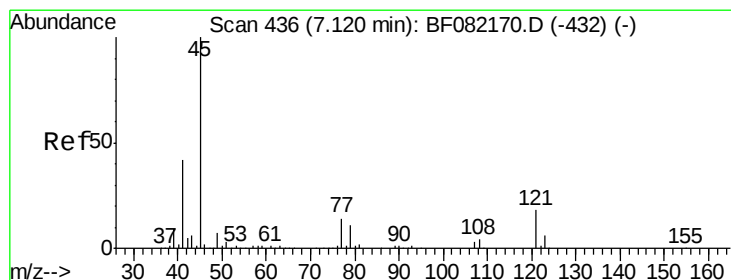
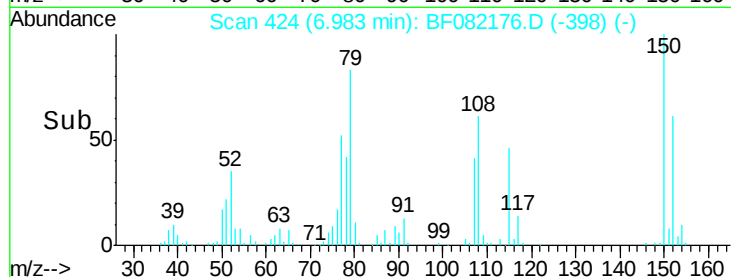
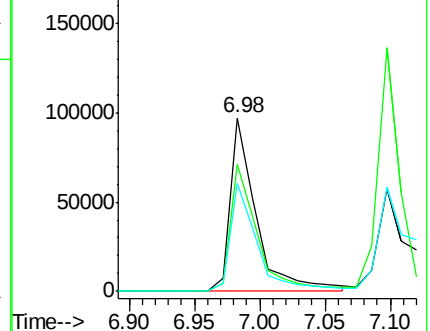
77 62.2 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.53 ng

RT: 7.12 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

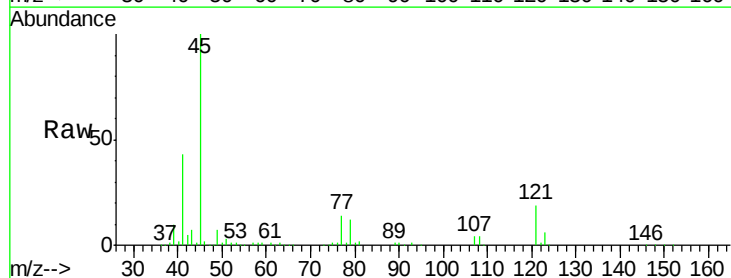
Tgt Ion: 45 Resp: 251797

Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.5

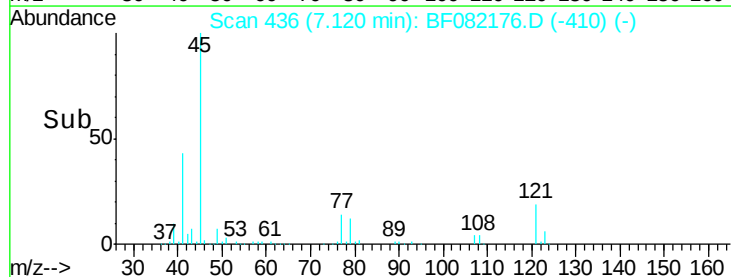
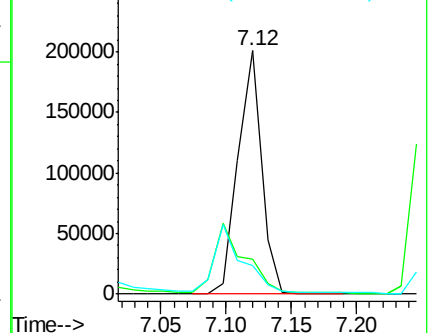
79 11.6 0.0 31.6

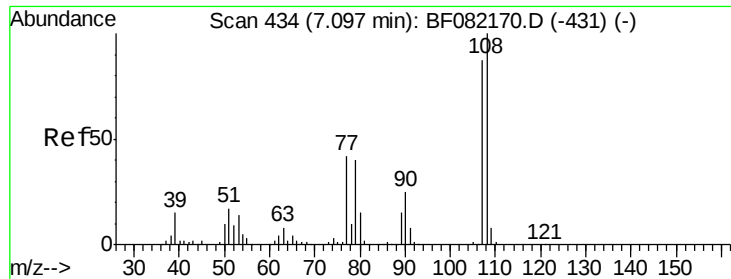


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

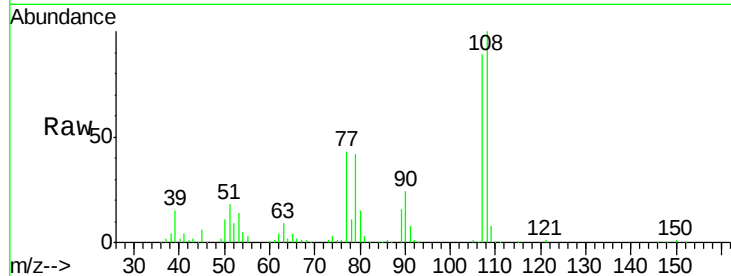




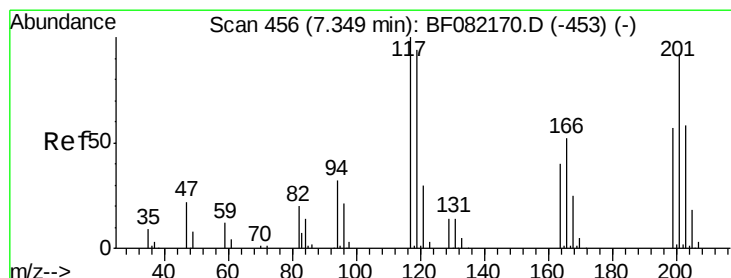
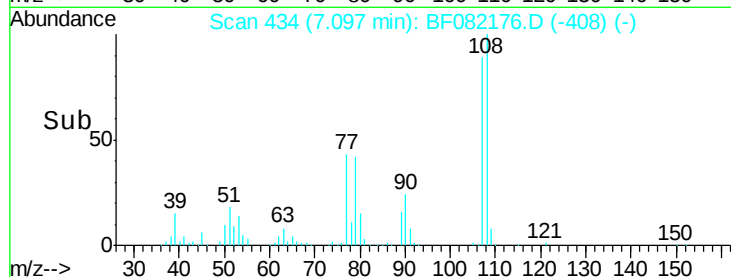
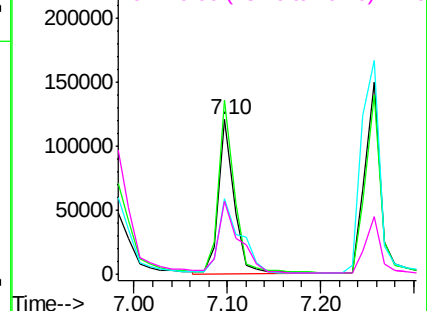
#17
2-Methylphenol
Concen: 35.37 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion:	107	Resp:	140901
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.2	138.2
77	48.5	39.6	59.4
79	47.5	38.2	57.4

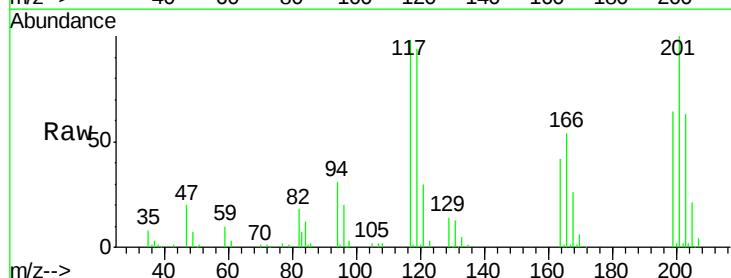


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

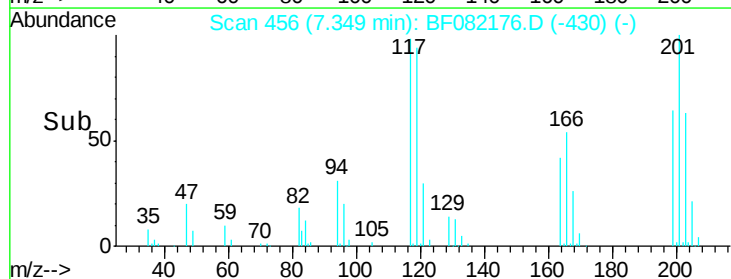
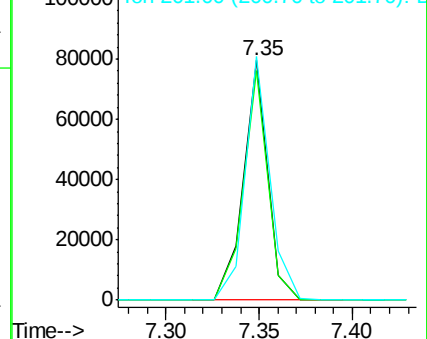


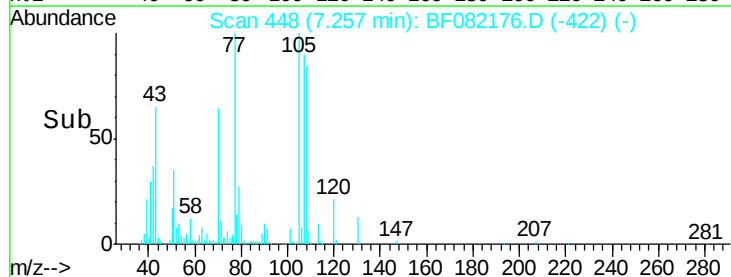
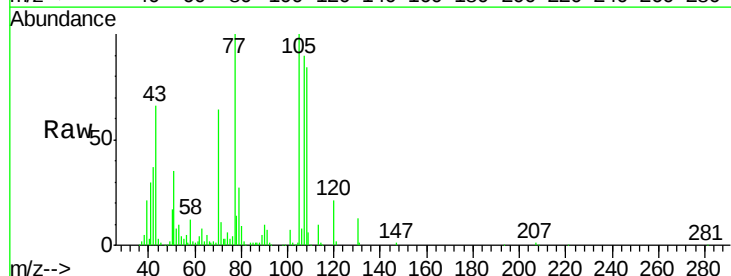
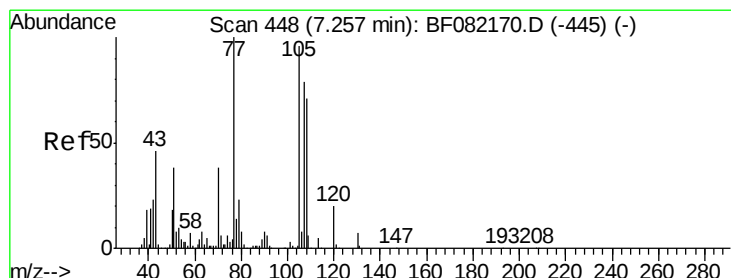
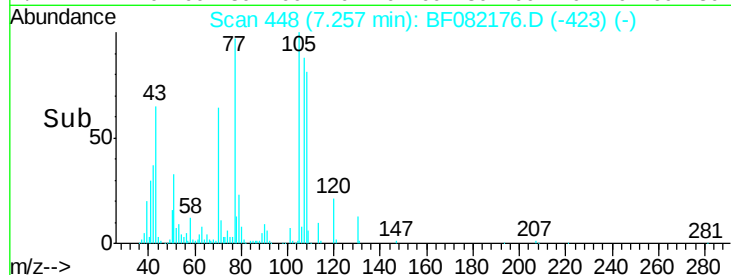
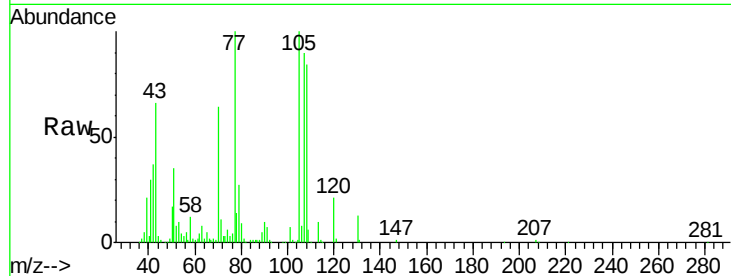
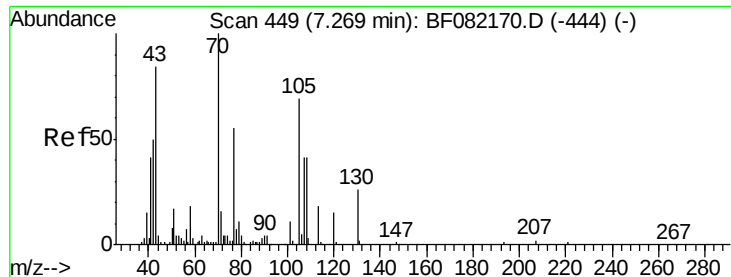
#18
Hexachloroethane
Concen: 34.67 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion:	117	Resp:	72710
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.2
201	101.7	73.4	110.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

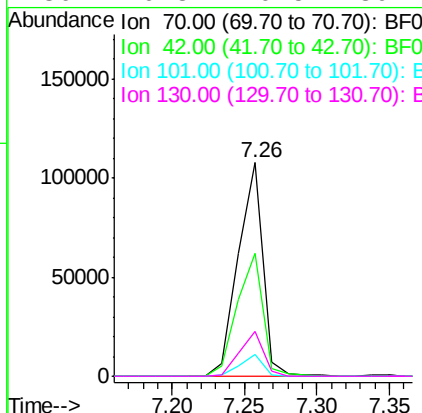




#19
n-Nitroso-di-n-propylamine
Concen: 33.76 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

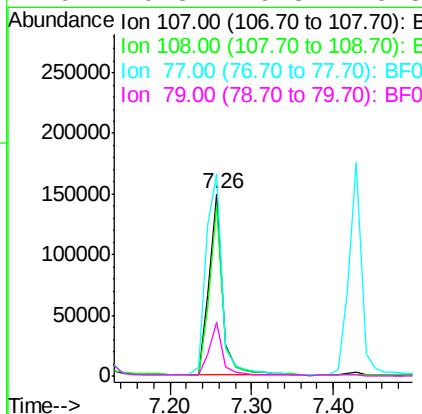
Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion: 70 Resp: 127331
Ion Ratio Lower Upper
70 100
42 57.3 39.8 59.8
101 10.2 8.6 13.0
130 20.8 20.5 30.7



#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion: 107 Resp: 180155
Ion Ratio Lower Upper
107 100
108 93.2 69.9 109.9
77 111.1 106.0 146.0
79 29.8 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

Tgt Ion:136 Resp: 335386

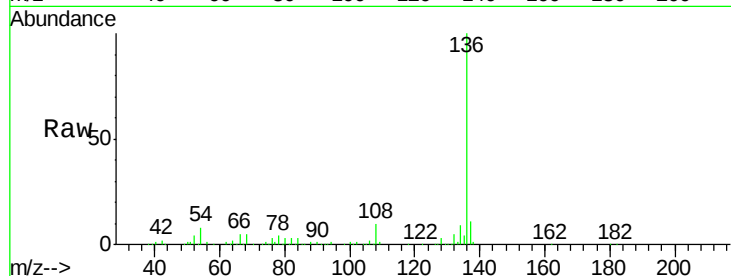
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.2 7.5 11.3

68 5.5 4.6 7.0

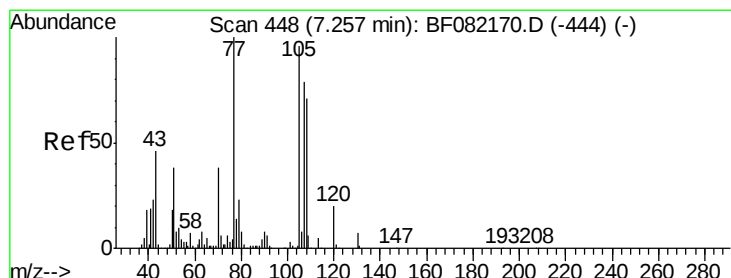
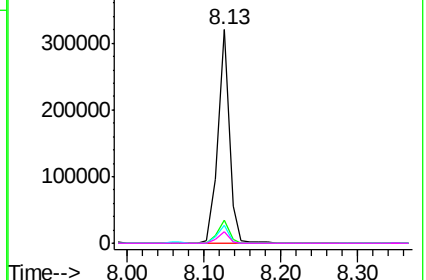
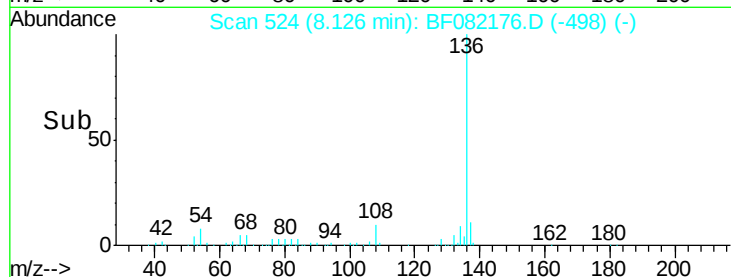


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.46 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:105 Resp: 241878

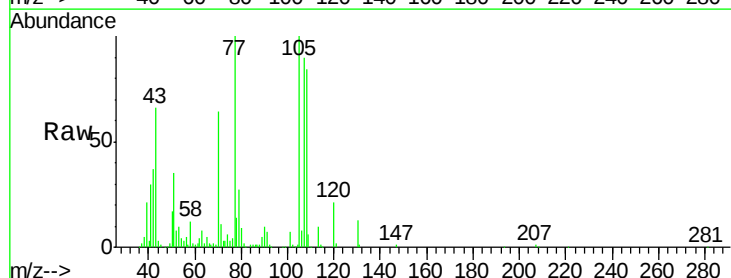
Ion Ratio Lower Upper

105 100

71 10.5 5.4 8.0#

51 34.8 31.8 47.6

120 21.2 16.3 24.5

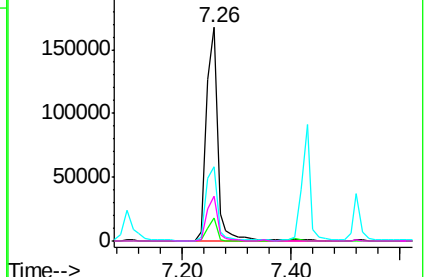
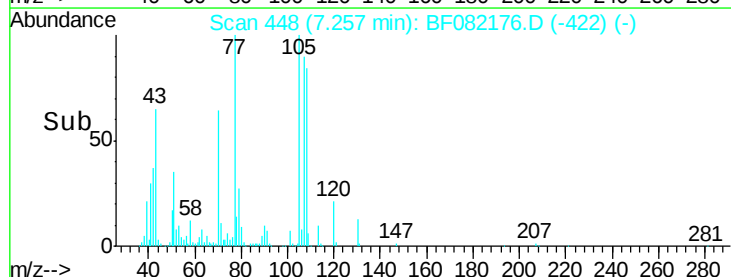


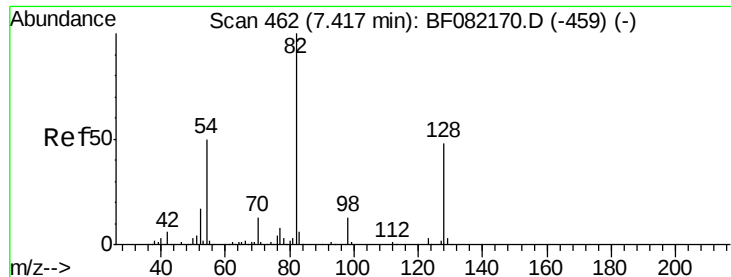
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

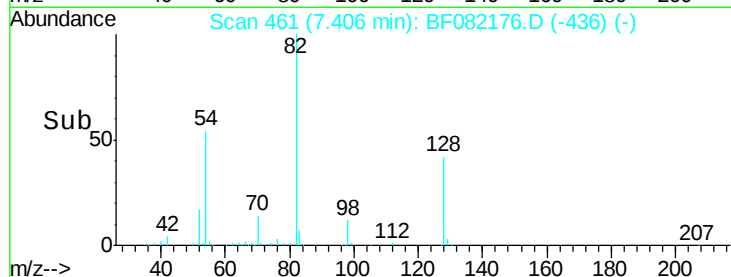
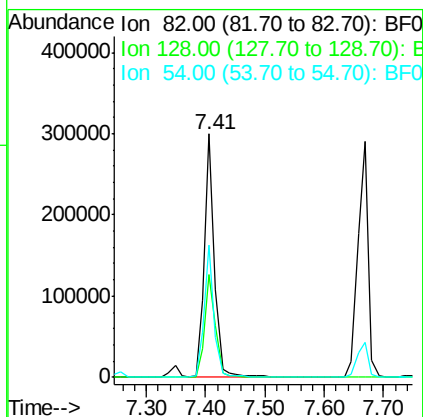
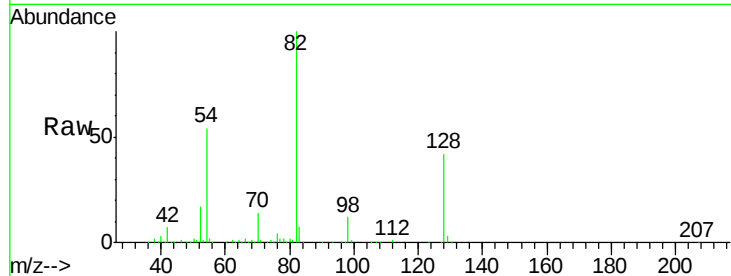




#23
 Nitrobenzene-d5
 Concen: 74.29 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

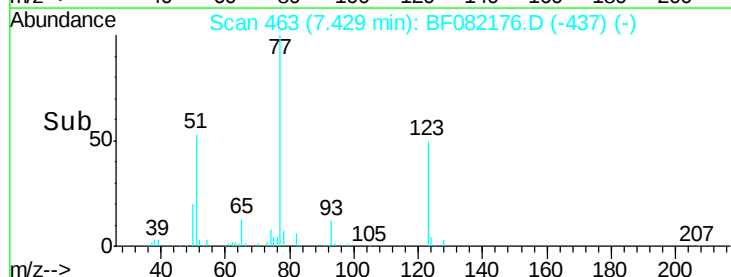
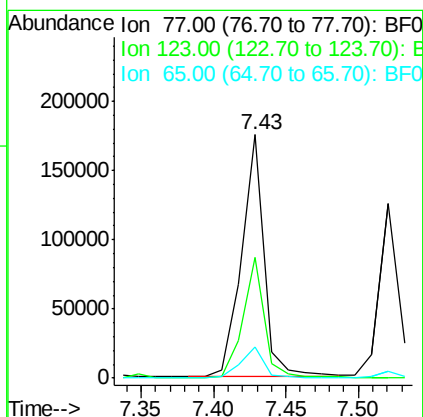
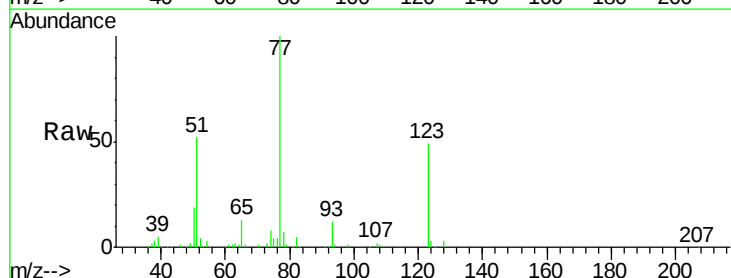
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

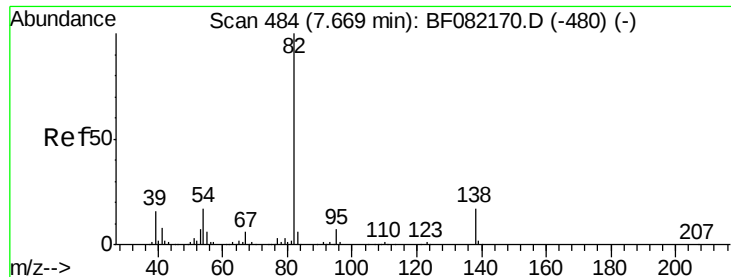
Tgt Ion: 82 Resp: 370995
 Ion Ratio Lower Upper
 82 100
 128 42.5 38.7 58.1
 54 54.1 40.1 60.1



#24
 Nitrobenzene
 Concen: 34.89 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion: 77 Resp: 188636
 Ion Ratio Lower Upper
 77 100
 123 49.4 33.0 49.4
 65 13.0 11.2 16.8





#25

Isophorone

Concen: 34.56 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

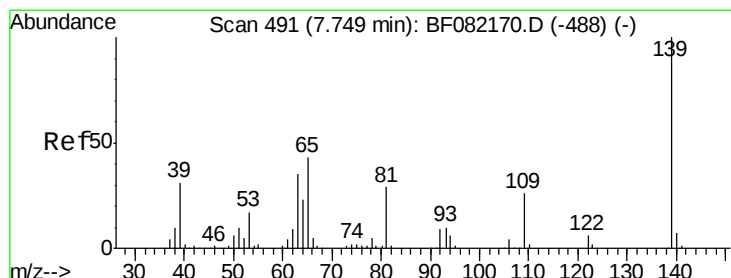
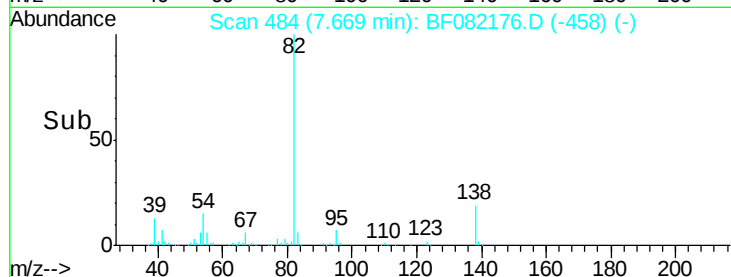
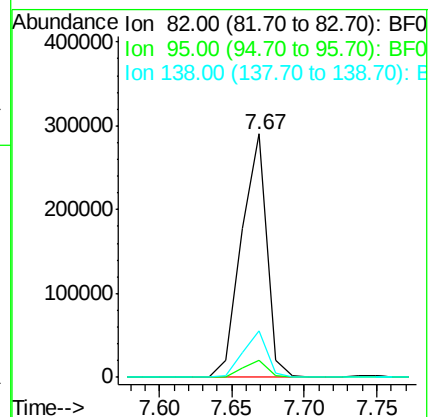
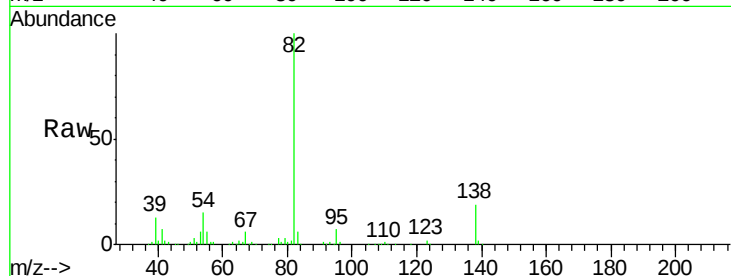
Tgt Ion: 82 Resp: 348390

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 19.3 13.6 20.4



#26

2-Nitrophenol

Concen: 36.11 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

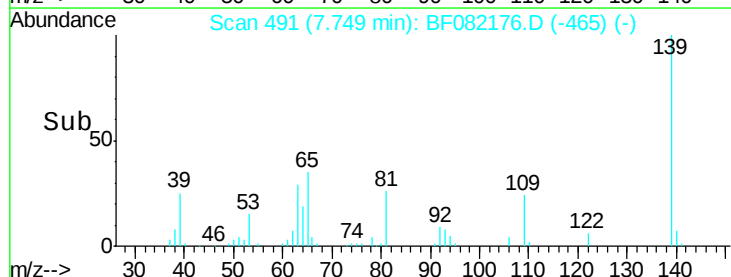
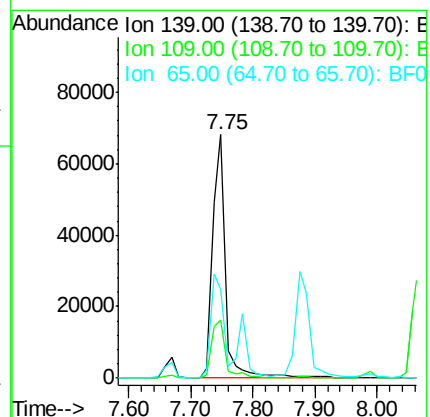
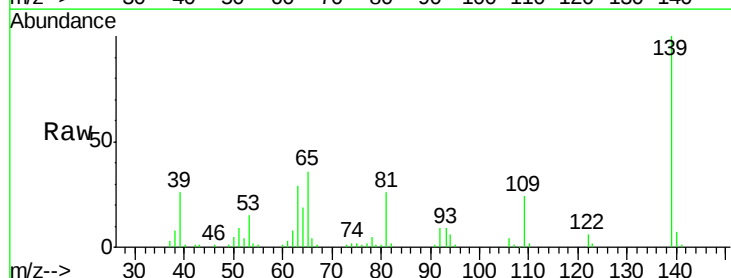
Tgt Ion: 139 Resp: 97465

Ion Ratio Lower Upper

139 100

109 24.0 20.6 31.0

65 36.4 34.3 51.5

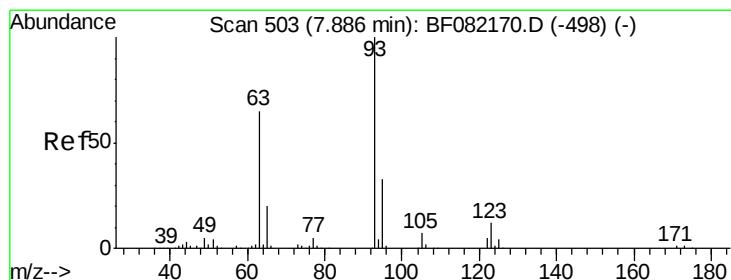
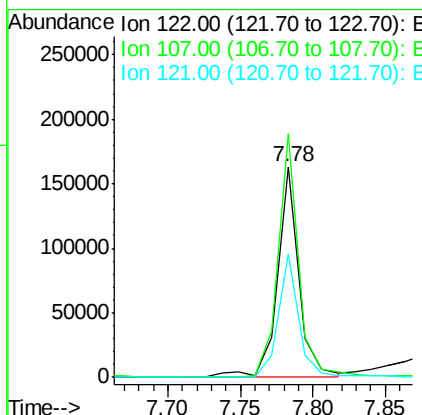
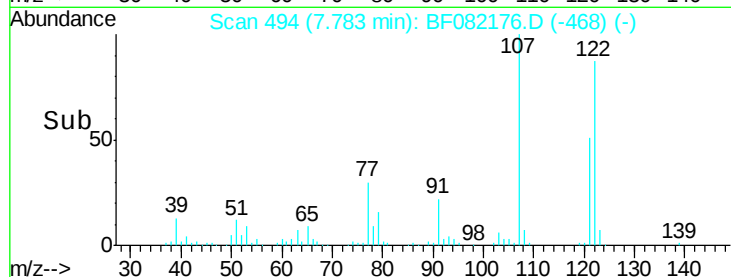
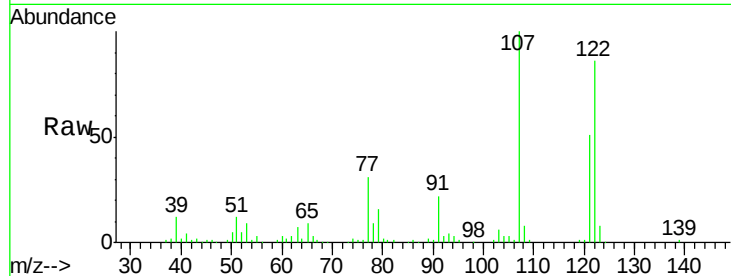




#27
 2,4-Dimethylphenol
 Concen: 38.18 ng
 RT: 7.78 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

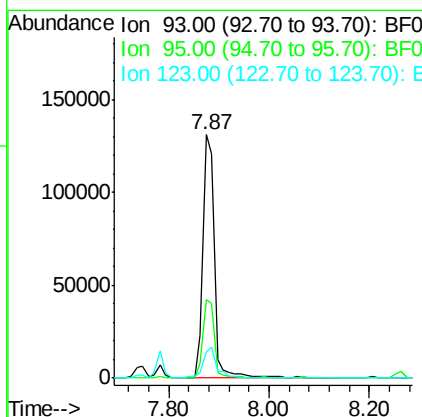
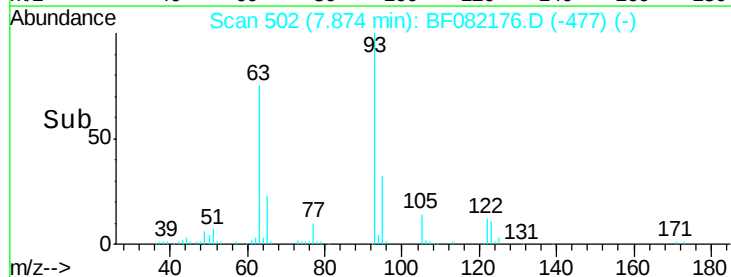
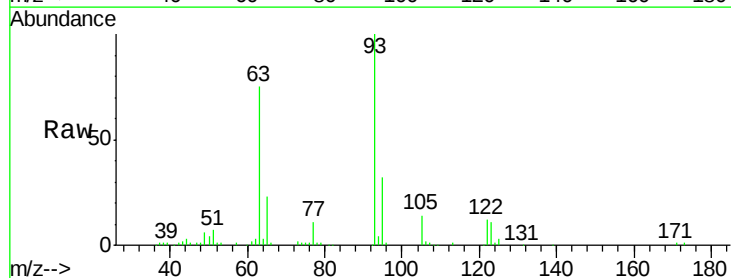
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

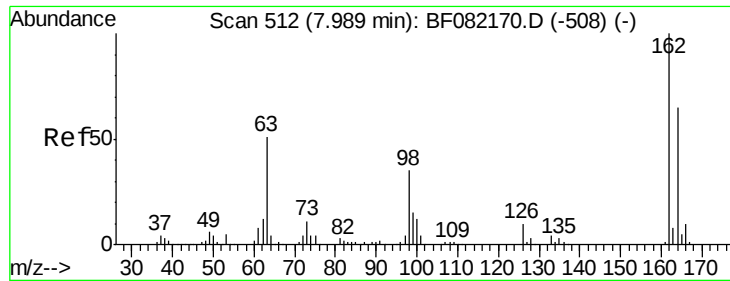
Tgt Ion: 122 Resp: 166041
 Ion Ratio Lower Upper
 122 100
 107 115.7 94.0 141.0
 121 58.9 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.15 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion: 93 Resp: 212036
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.6 39.8
 123 10.7 9.5 14.3

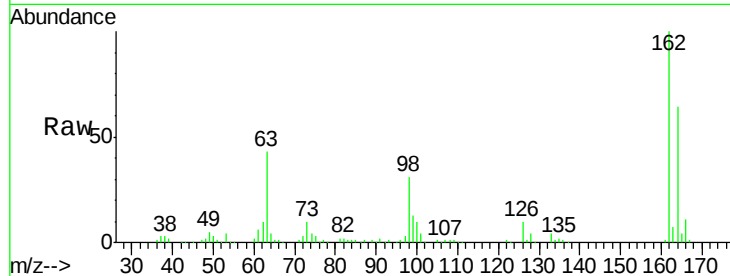




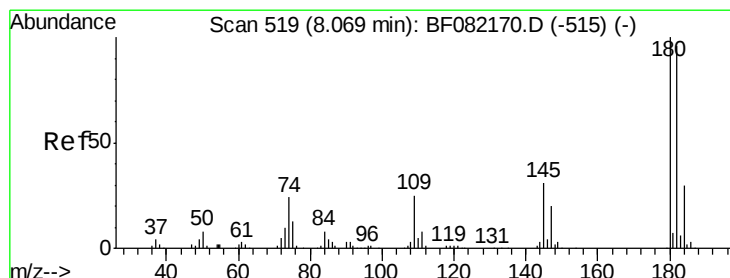
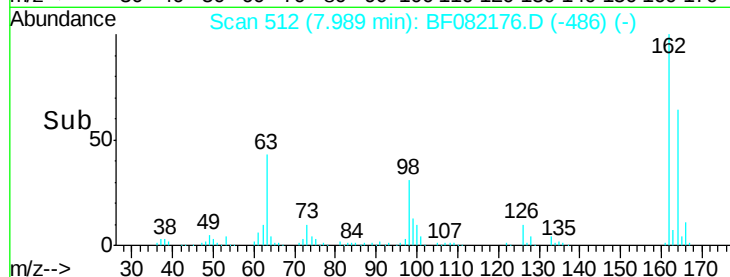
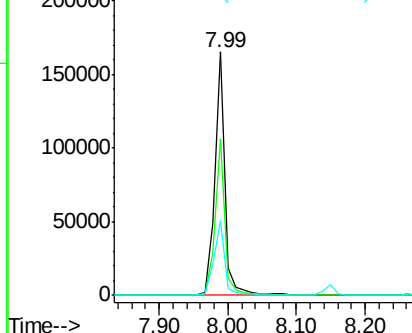
#29
2,4-Dichlorophenol
Concen: 39.89 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	30.6	15.0	55.0

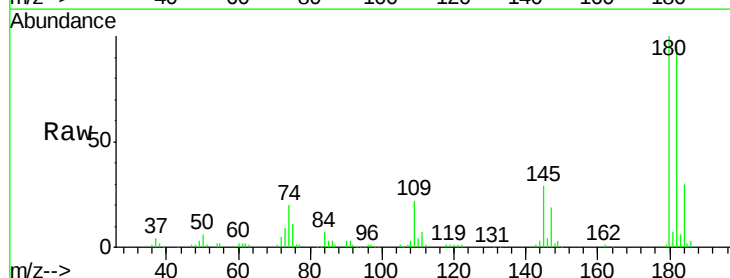


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

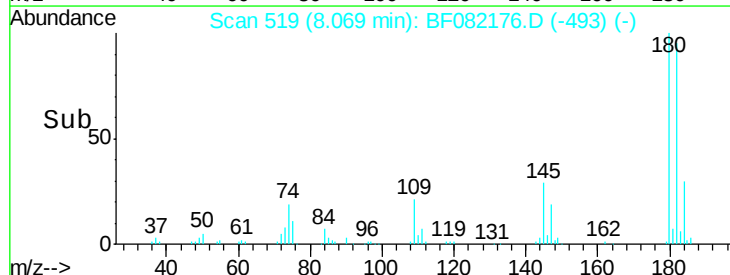
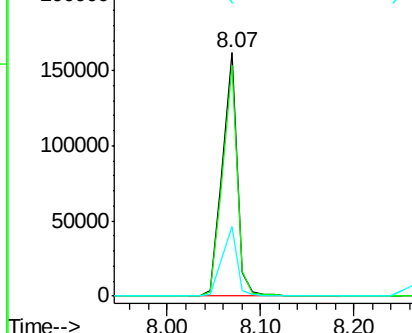


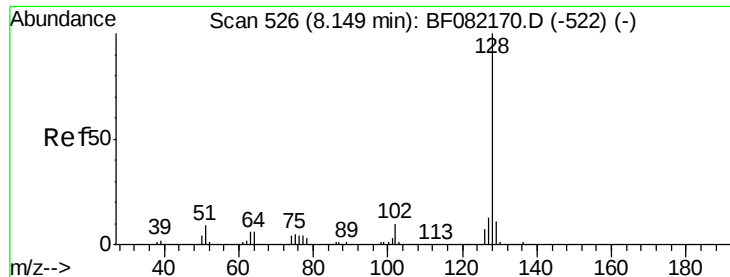
#30
1,2,4-Trichlorobenzene
Concen: 35.68 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.0	115.4
145	28.6	25.0	37.4



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





#31

Naphthalene

Concen: 37.07 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

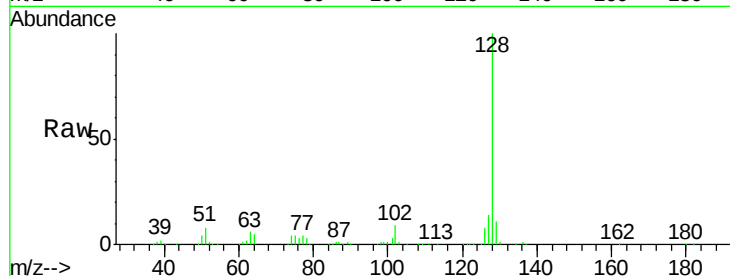
Tgt Ion:128 Resp: 538956

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

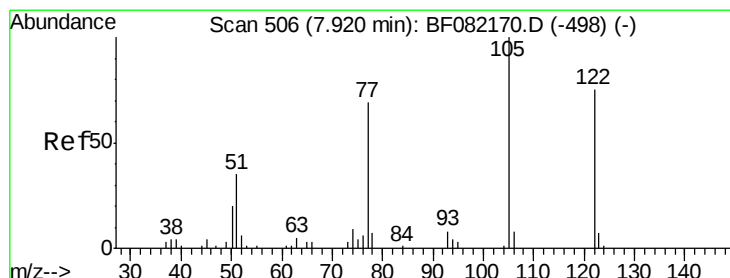
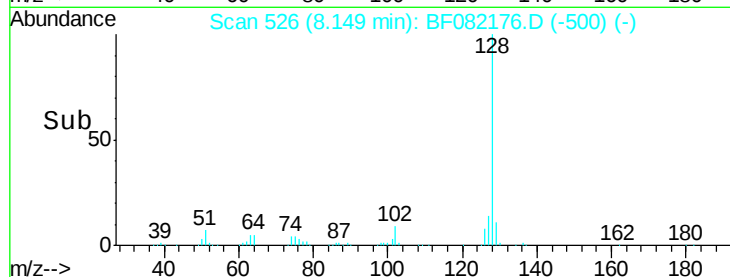
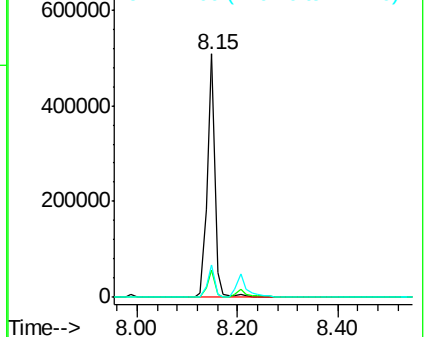
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.40 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

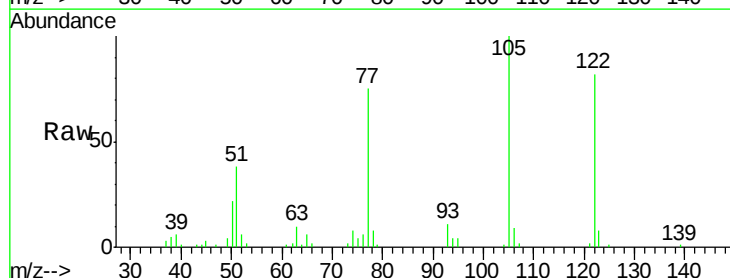
Tgt Ion:122 Resp: 100398

Ion Ratio Lower Upper

122 100

105 122.4 104.4 144.4

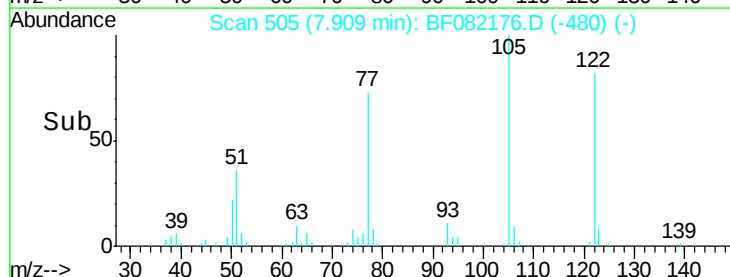
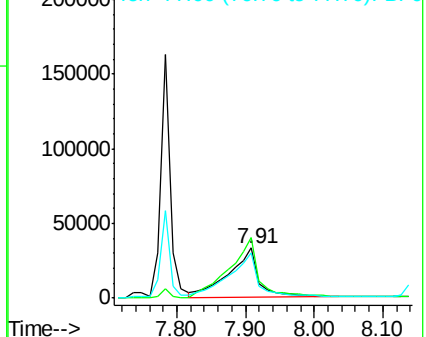
77 92.1 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

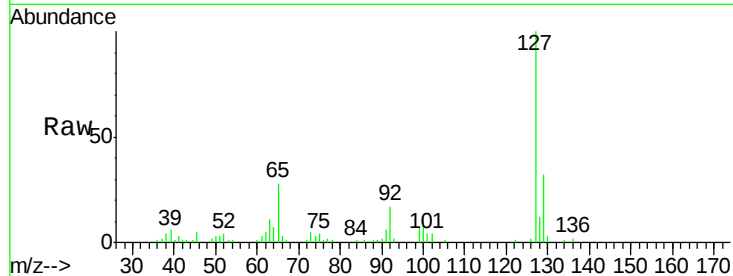




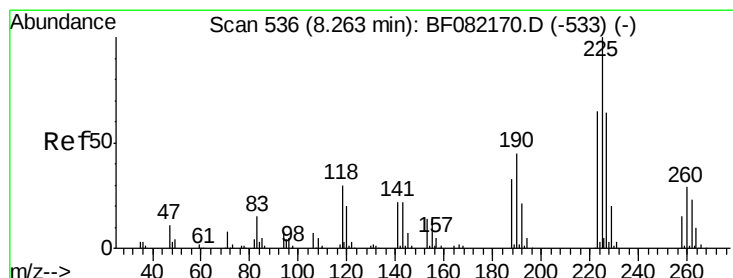
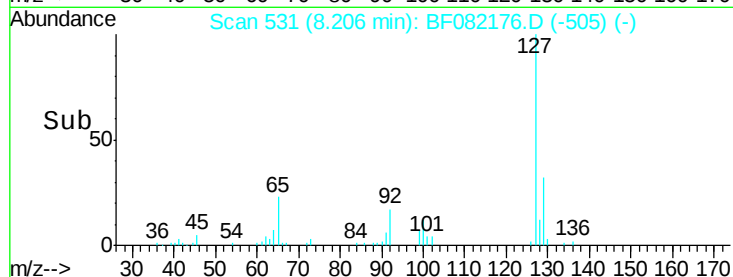
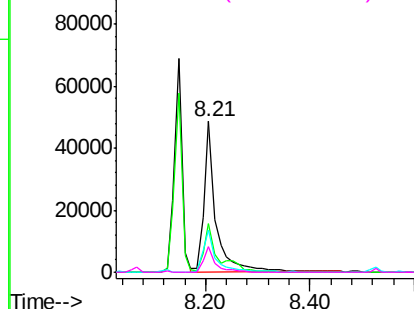
#33
4-Chloroaniline
Concen: 12.85 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion:	127	Resp:	77590
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	27.8	24.4	36.6
92	17.0	15.7	23.5

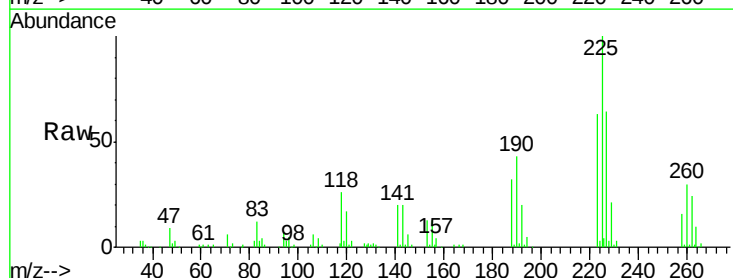


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

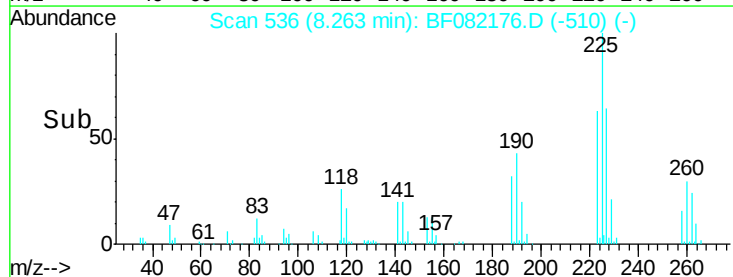
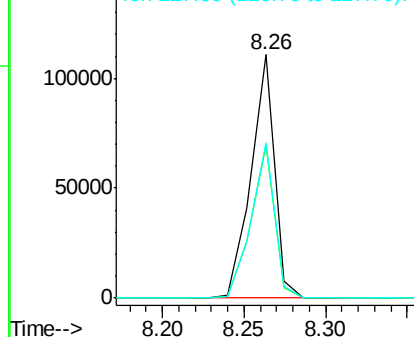


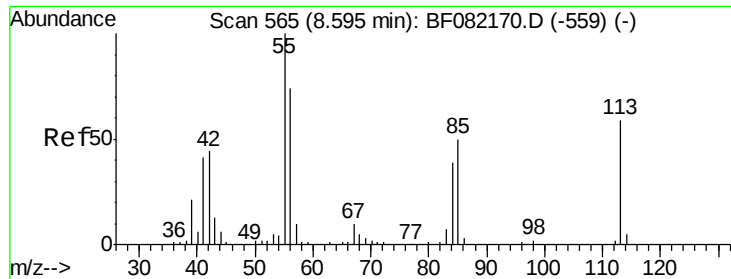
#34
Hexachlorobutadiene
Concen: 35.46 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion:	225	Resp:	110708
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.2	78.2
227	63.9	51.3	76.9



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

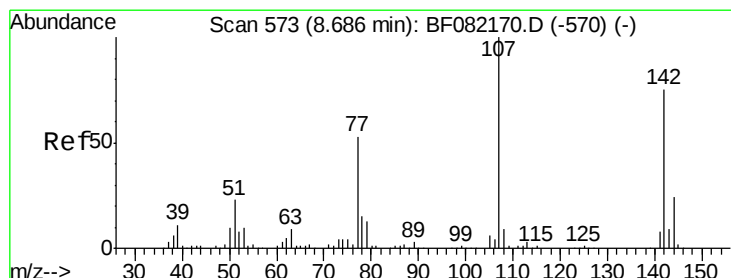
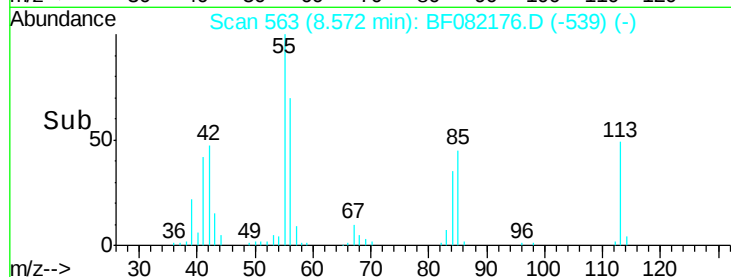
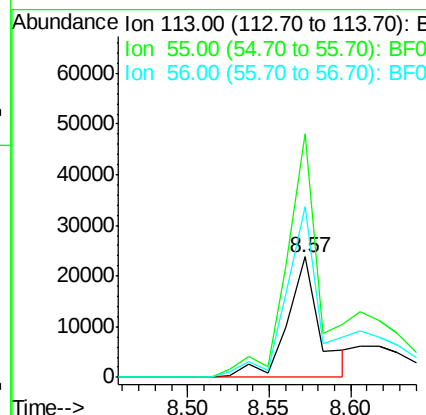
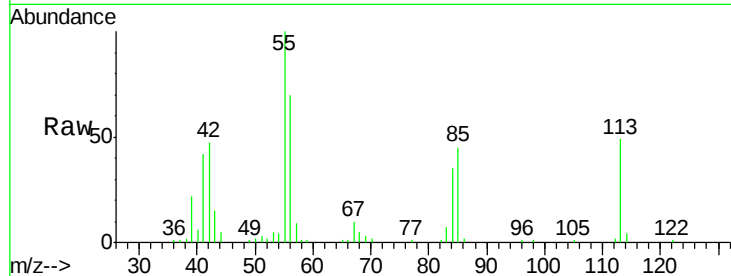




#35
 Caprolactam
 Concen: 26.22 ng
 RT: 8.57 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

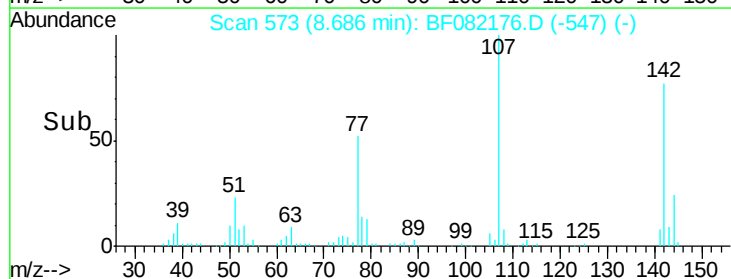
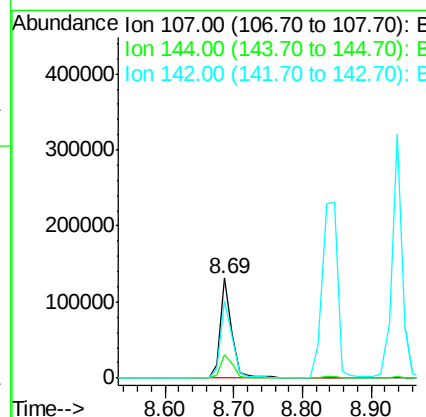
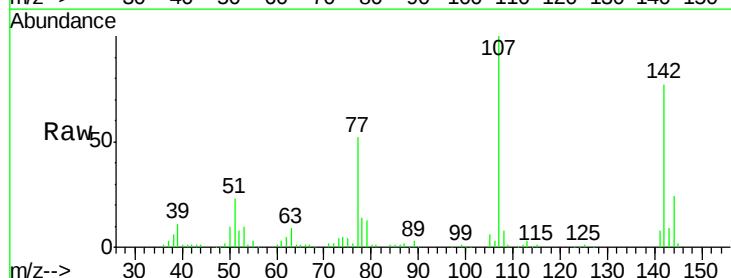
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

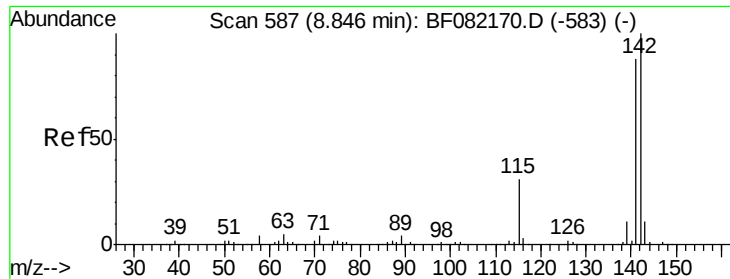
Tgt Ion:113 Resp: 33081
 Ion Ratio Lower Upper
 113 100
 55 202.3 149.7 189.7#
 56 141.4 105.4 145.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.46 ng
 RT: 8.69 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:107 Resp: 159260
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 77.2 59.9 89.9

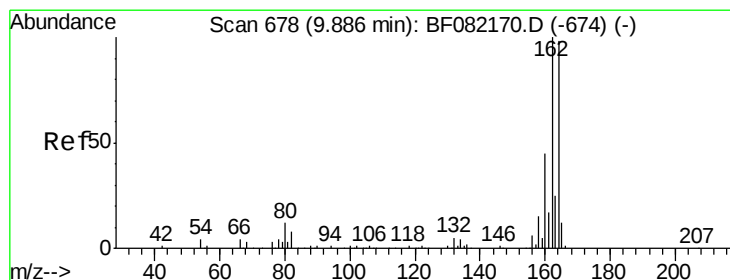
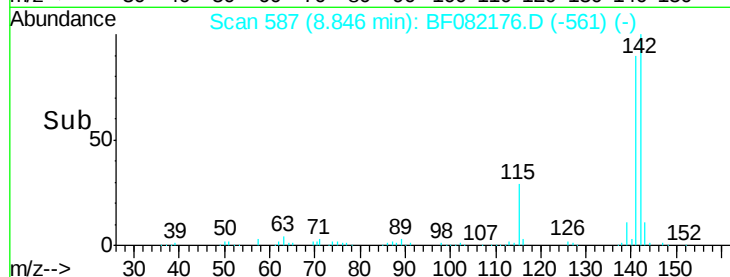
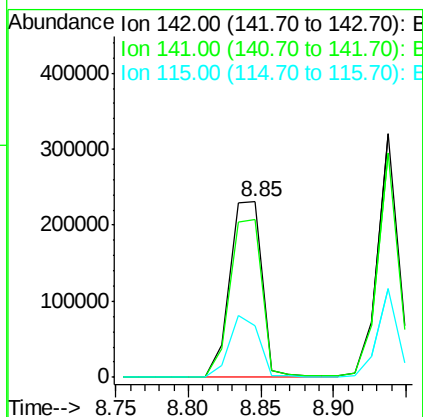
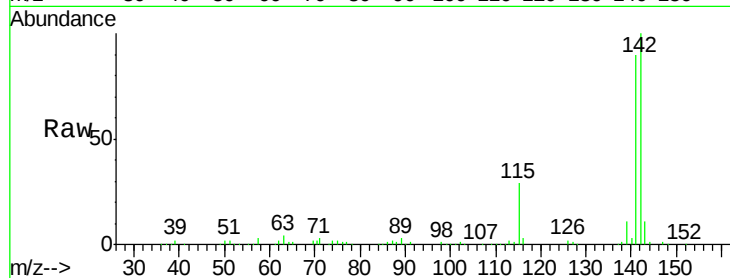




#37
 2-Methylnaphthalene
 Concen: 35.44 ng
 RT: 8.85 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

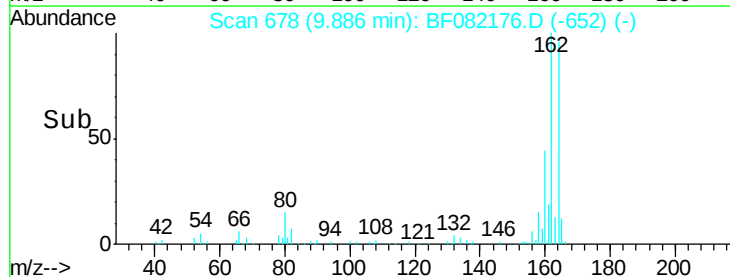
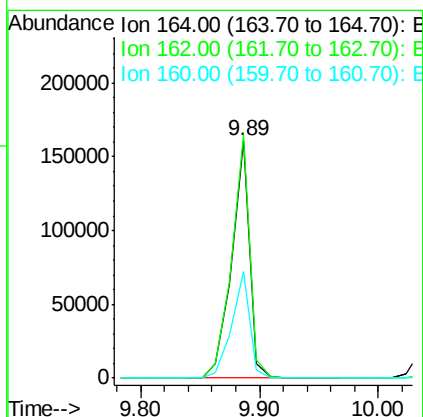
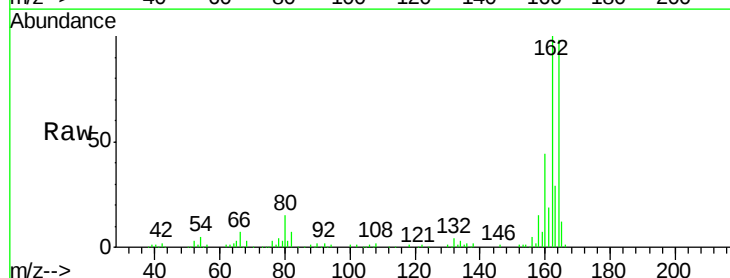
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

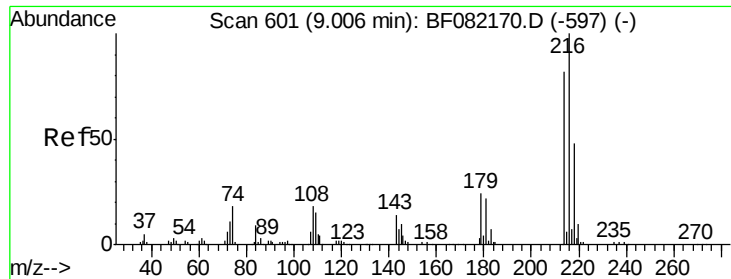
Tgt Ion:142 Resp: 357224
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.4 105.6
 115 29.4 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:164 Resp: 168854
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.6 122.4
 160 44.9 36.4 54.6

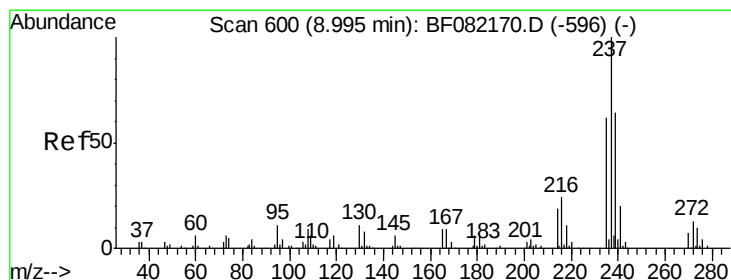
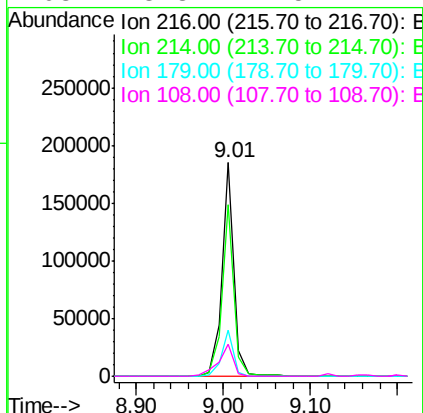
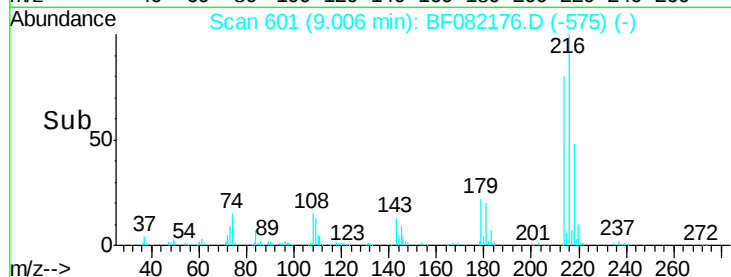
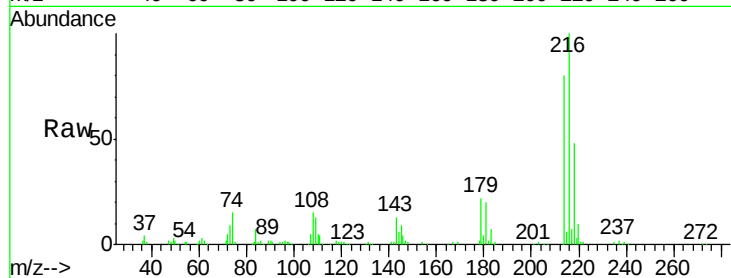




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.96 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

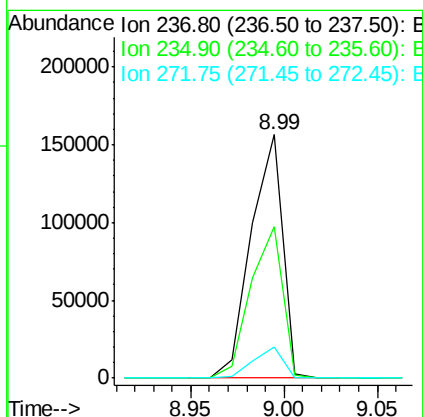
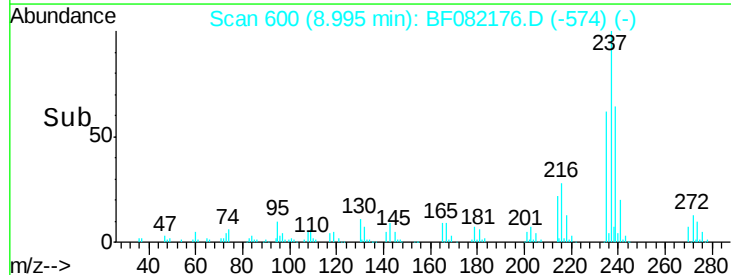
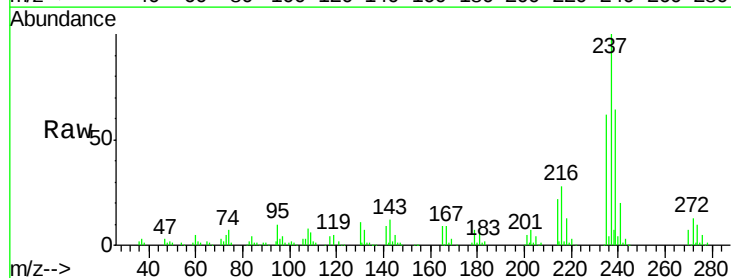
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

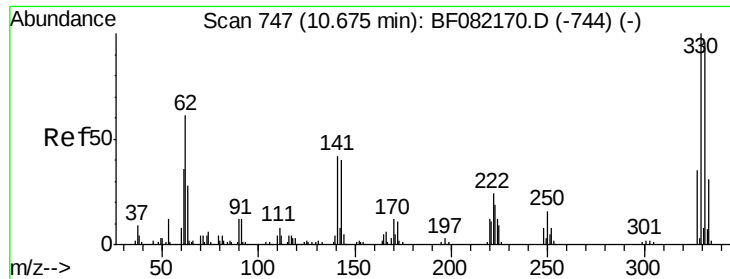
Tgt Ion:	216	Resp:	180621
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.6	97.0
179	21.4	17.6	26.4
108	18.3	14.5	21.7



#40
 Hexachlorocyclopentadiene
 Concen: 73.80 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:	237	Resp:	185728
Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.7	81.7
272	12.9	0.0	32.8

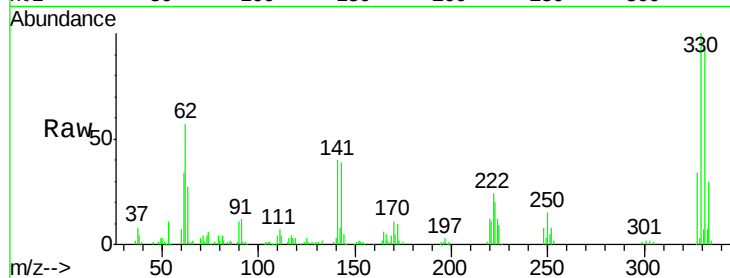




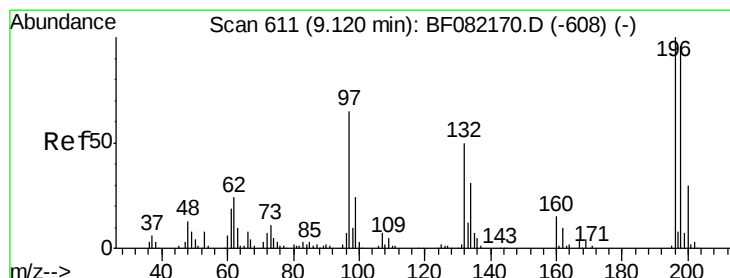
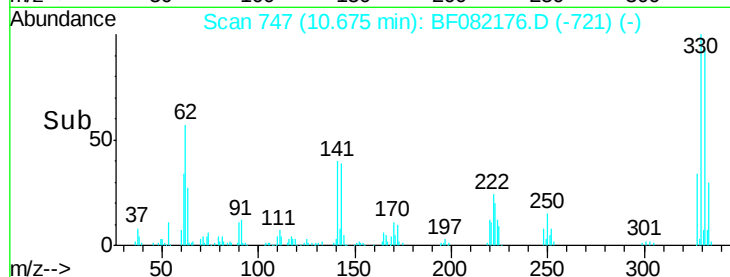
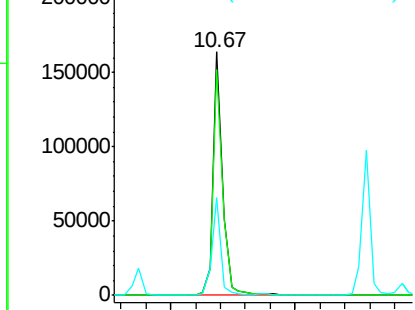
#41
 2,4,6-Tribromophenol
 Concen: 109.44 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampled :
 PB86050BS

Tgt Ion:330 Resp: 173306
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.1 115.7
 141 37.5 29.8 44.8

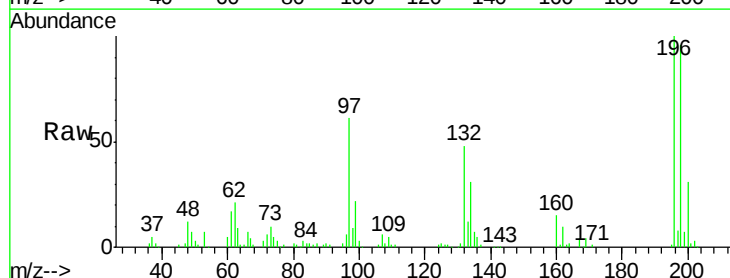


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

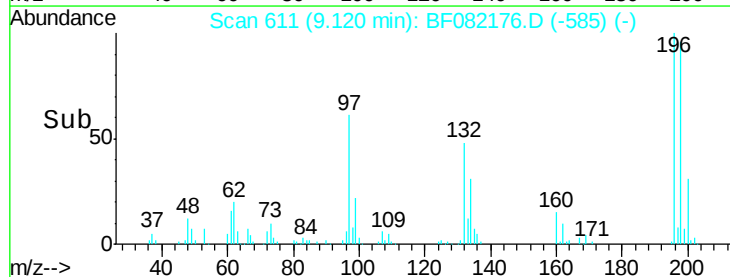
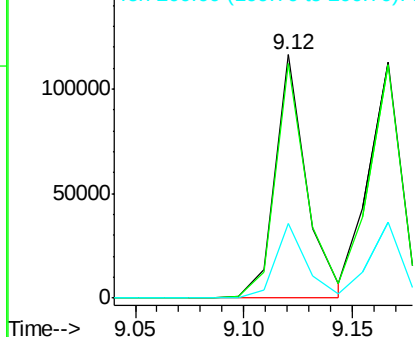


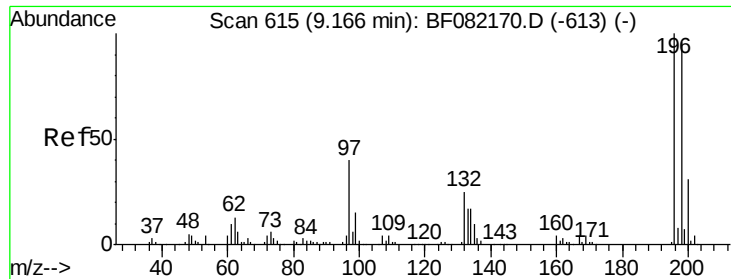
#42
 2,4,6-Trichlorophenol
 Concen: 35.15 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:196 Resp: 117258
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 200 30.5 23.7 35.5



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

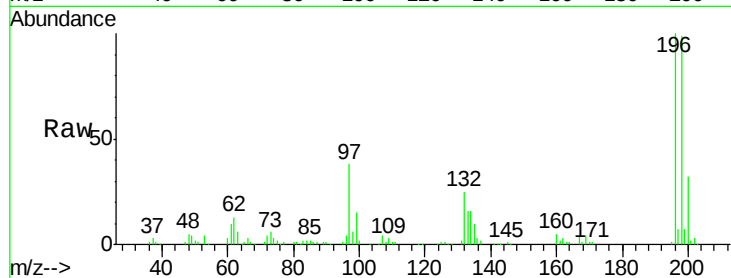




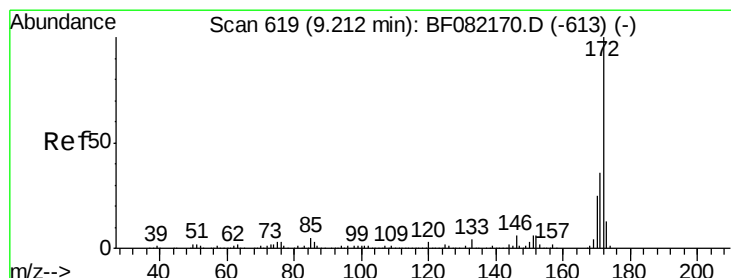
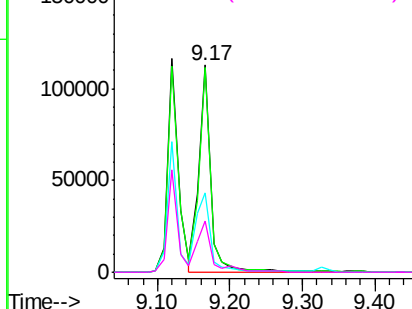
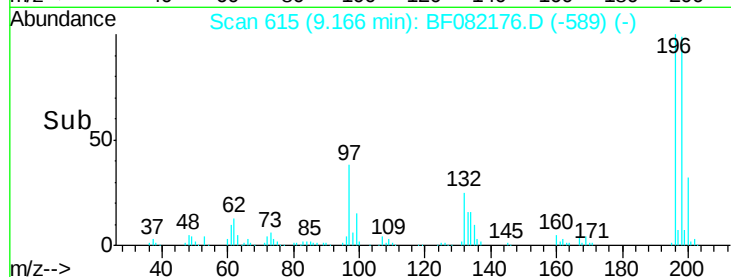
#43
 2,4,5-Trichlorophenol
 Concen: 35.66 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion:196 Resp: 128871
 Ion Ratio Lower Upper
 196 100
 198 98.9 77.0 115.4
 97 38.2 31.9 47.9
 132 24.8 20.3 30.5

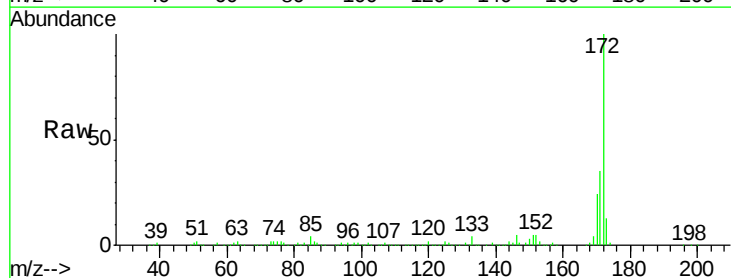


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

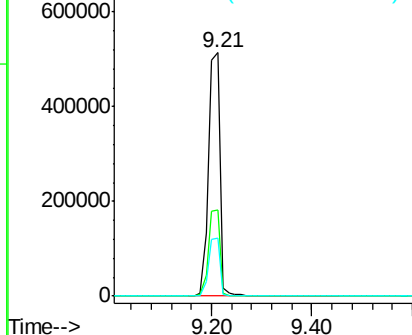
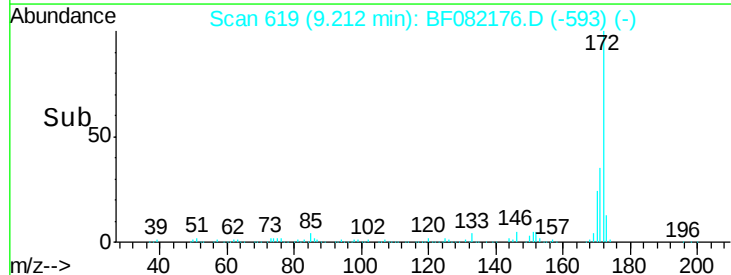


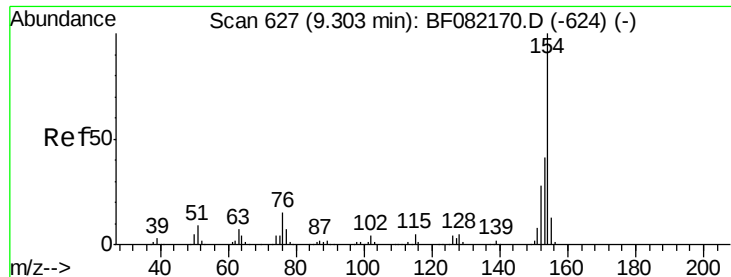
#44
 2-Fluorobiphenyl
 Concen: 80.40 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:172 Resp: 818671
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.9 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

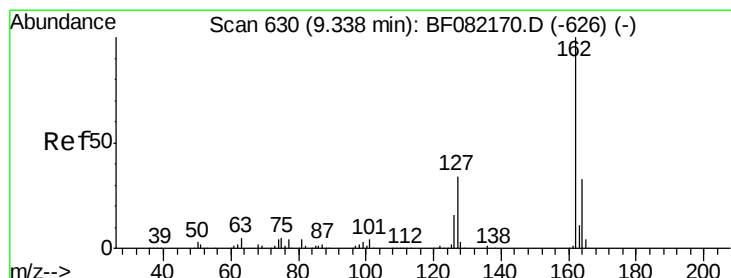
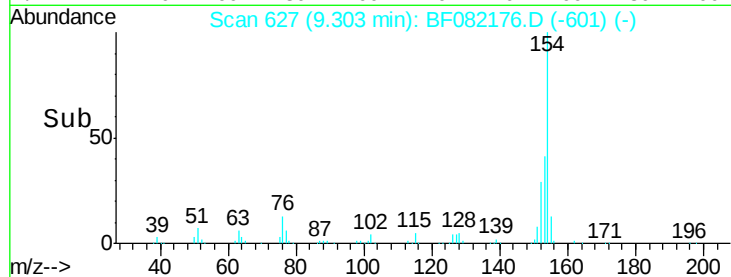
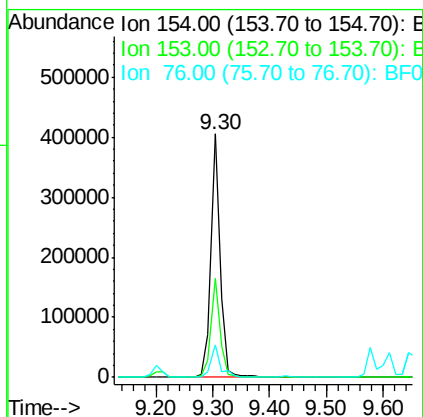
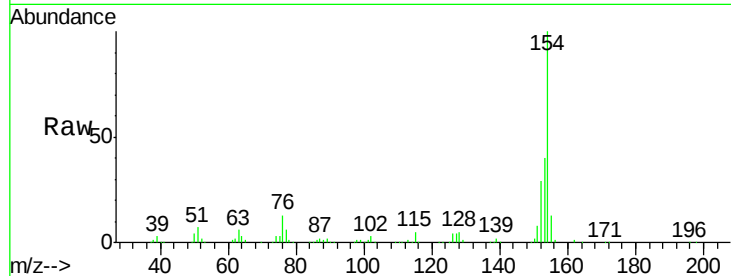




#45
 1,1'-Biphenyl
 Concen: 34.36 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

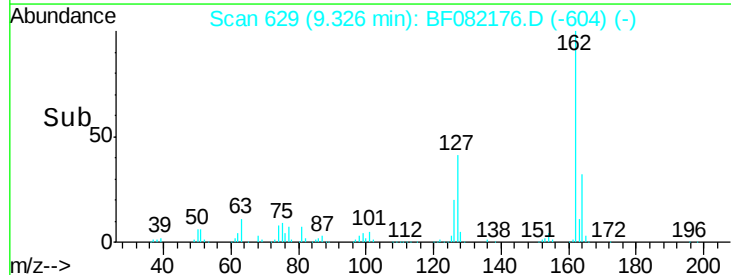
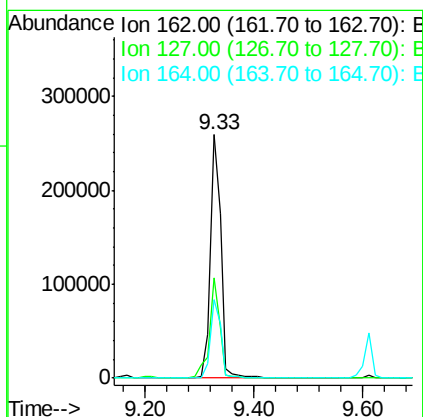
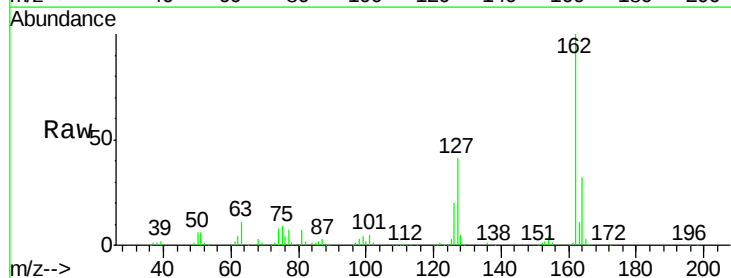
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

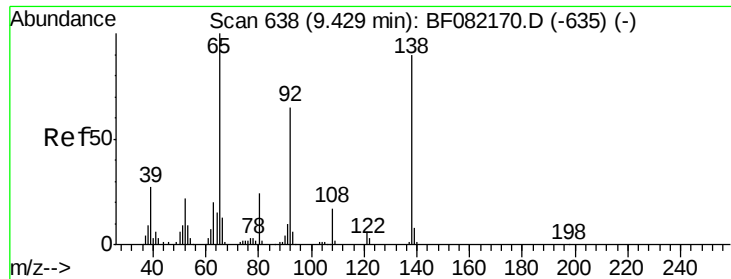
Tgt Ion:154 Resp: 442455
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 13.1 0.0 35.2



#46
 2-Chloronaphthalene
 Concen: 34.80 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:162 Resp: 352753
 Ion Ratio Lower Upper
 162 100
 127 41.4 27.5 41.3#
 164 32.3 26.6 39.8

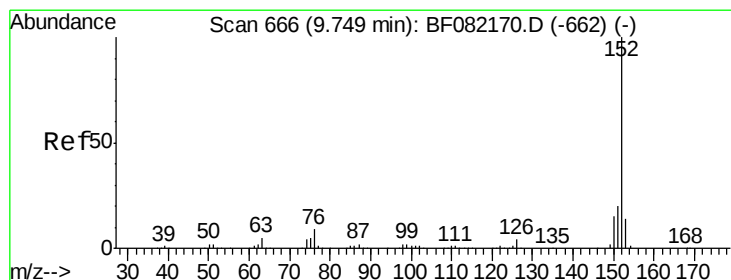
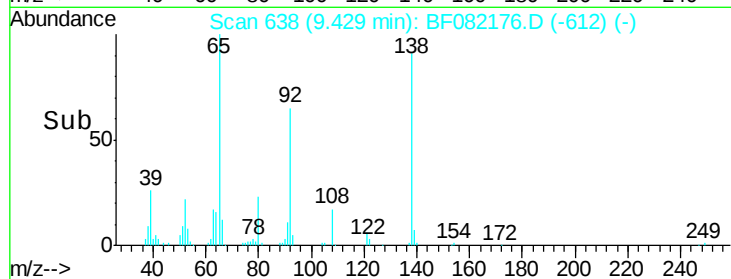
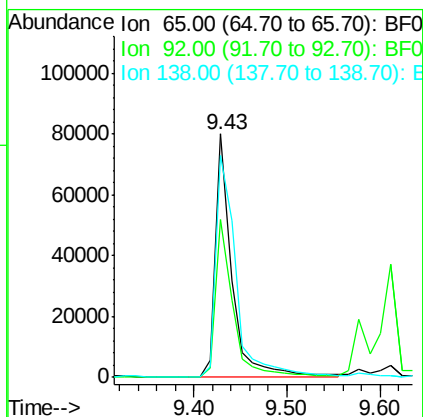
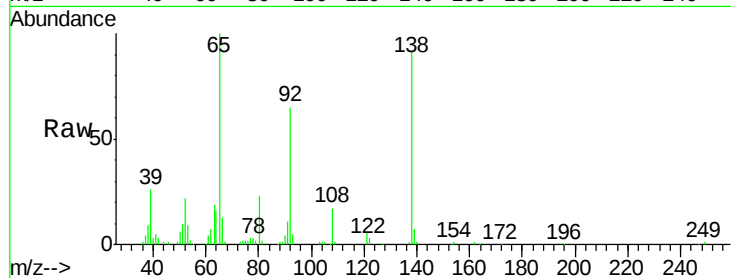




#47
2-Nitroaniline
Concen: 35.62 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

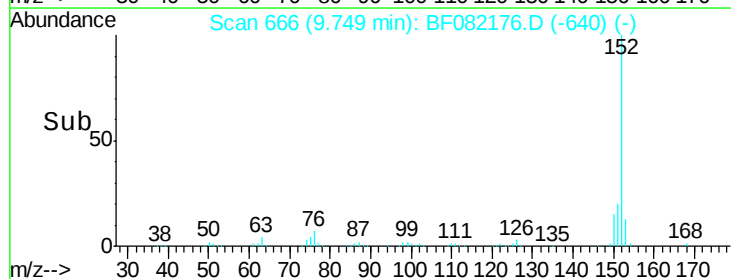
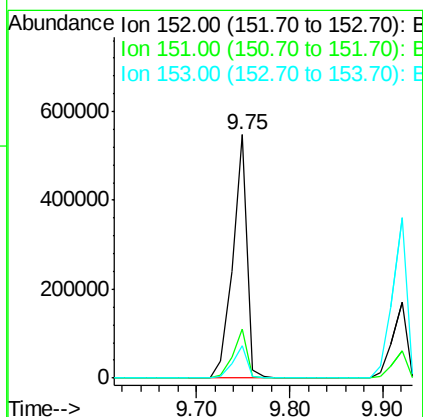
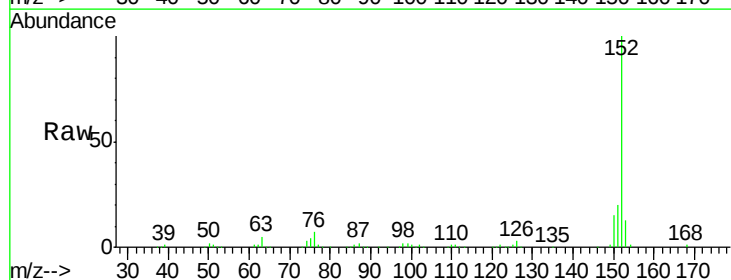
Instrument :
BNA_F
ClientSampleId :
PB86050BS

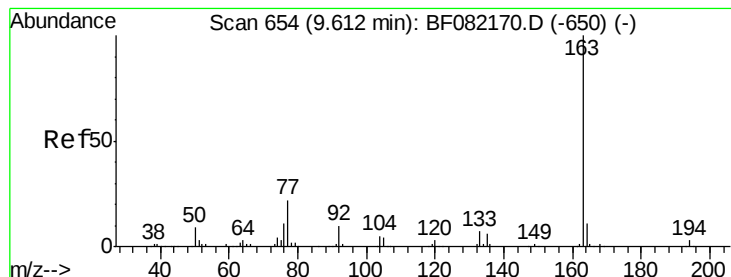
Tgt Ion: 65 Resp: 99119
Ion Ratio Lower Upper
65 100
92 64.7 52.3 78.5
138 91.2 72.2 108.4



#48
Acenaphthylene
Concen: 37.32 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion: 152 Resp: 589229
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 37.26 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

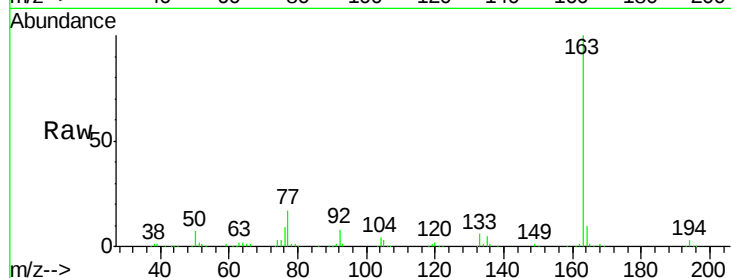
Tgt Ion:163 Resp: 443064

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

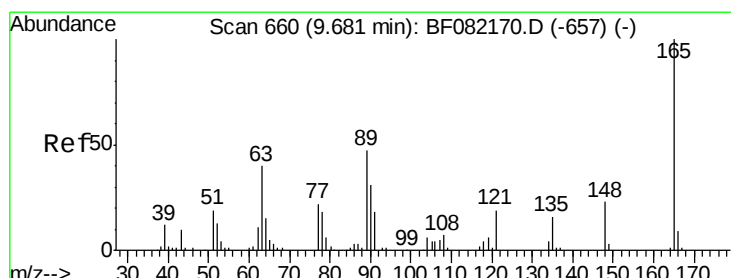
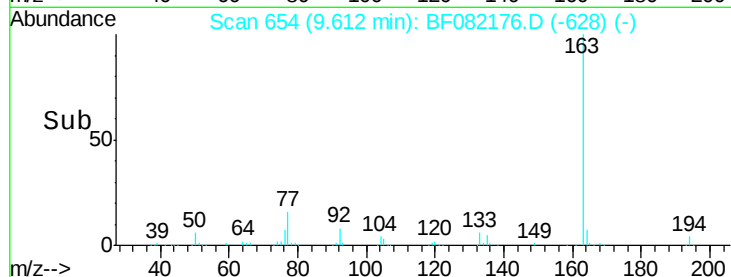
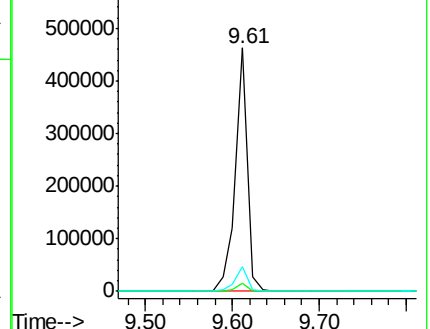
164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.61 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

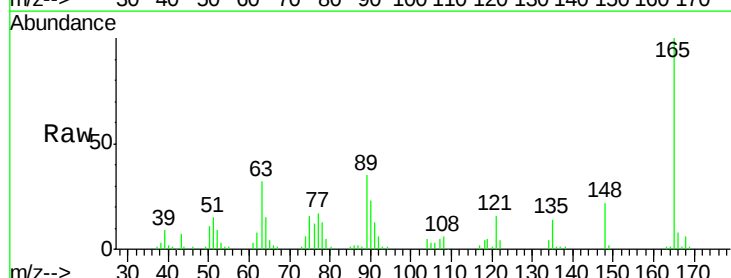
Tgt Ion:165 Resp: 91849

Ion Ratio Lower Upper

165 100

63 31.8 36.7 55.1#

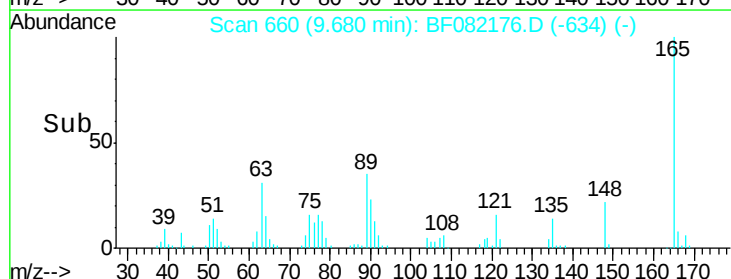
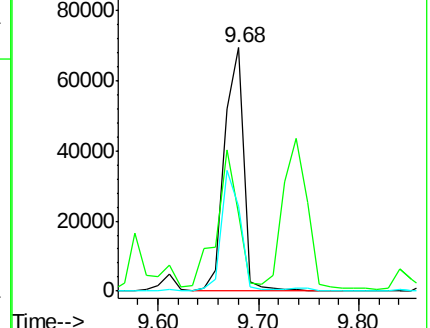
89 34.9 37.8 56.6#

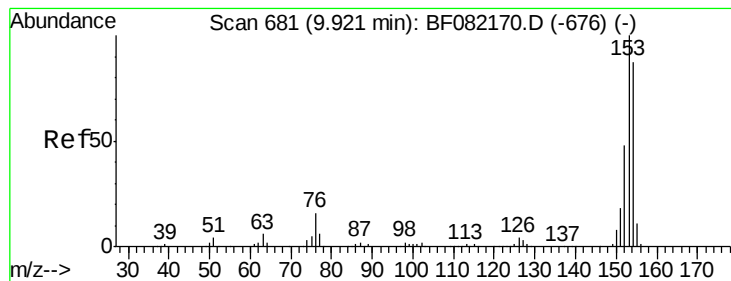


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.15 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

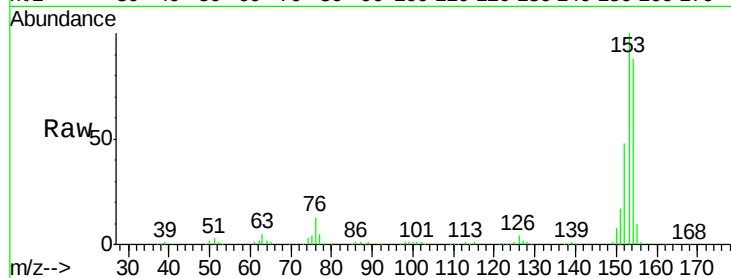
Tgt Ion:154 Resp: 342721

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.2

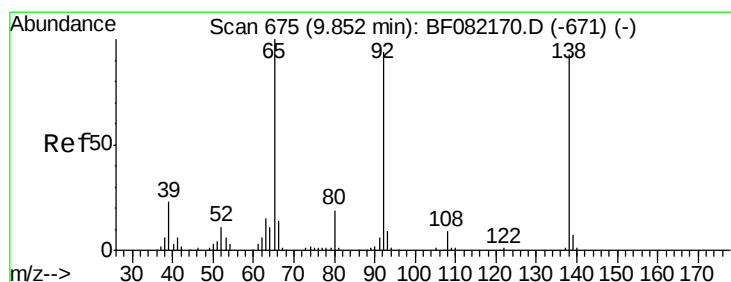
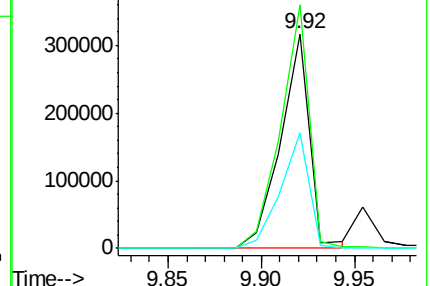
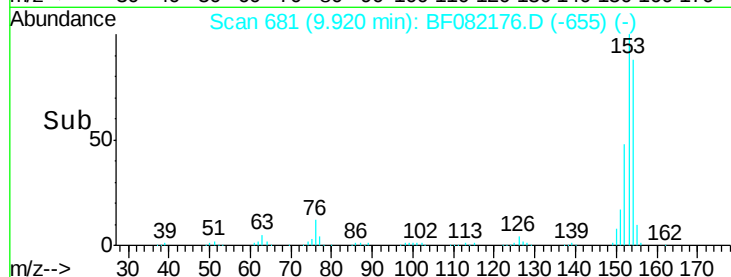
152 54.0 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.50 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

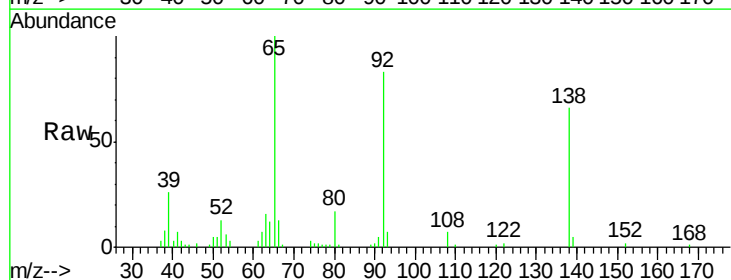
Tgt Ion:138 Resp: 46752

Ion Ratio Lower Upper

138 100

108 10.3 7.4 11.0

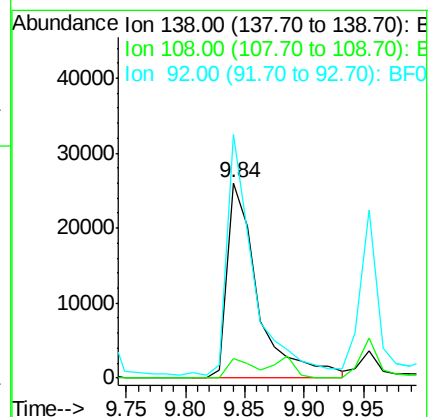
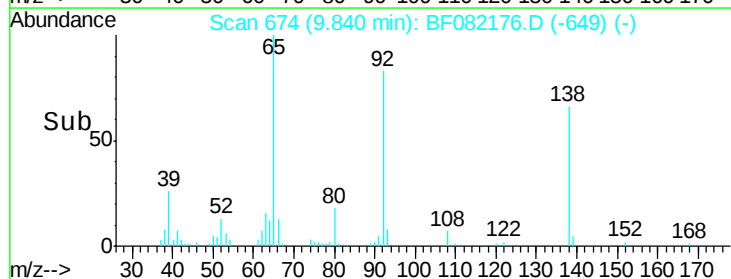
92 124.5 81.3 121.9#

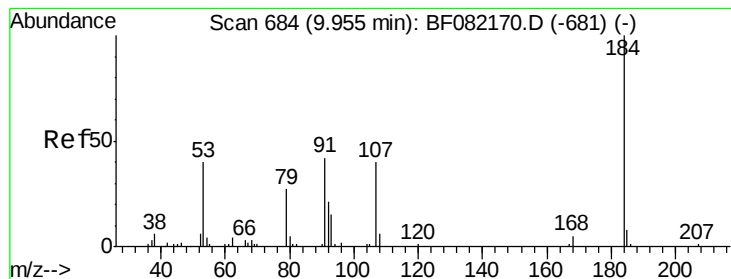


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 77.34 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

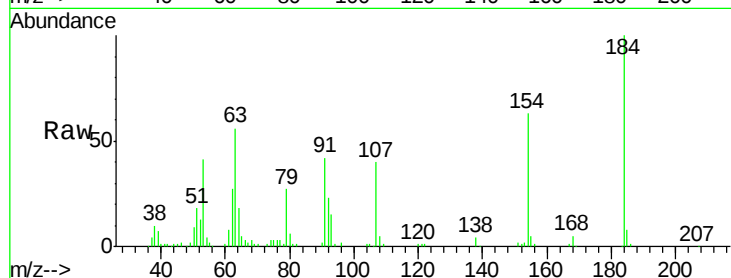
Tgt Ion:184 Resp: 108109

Ion Ratio Lower Upper

184 100

63 55.7 45.1 67.7

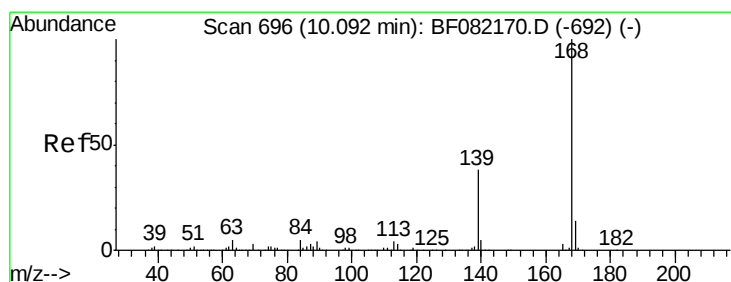
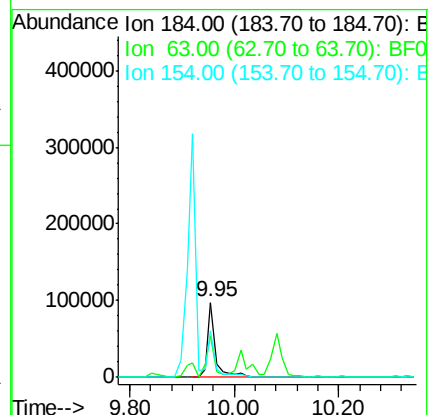
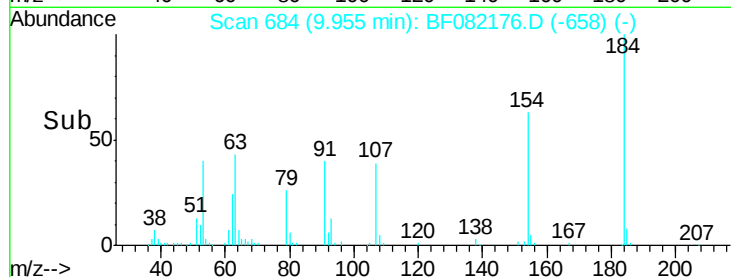
154 62.8 51.2 76.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.77 ng

RT: 10.09 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

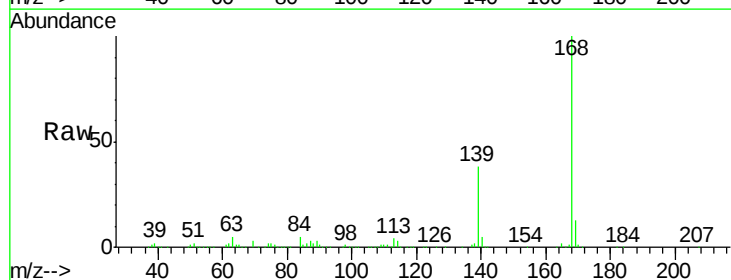
Tgt Ion:168 Resp: 517542

Ion Ratio Lower Upper

168 100

139 37.8 31.0 46.6

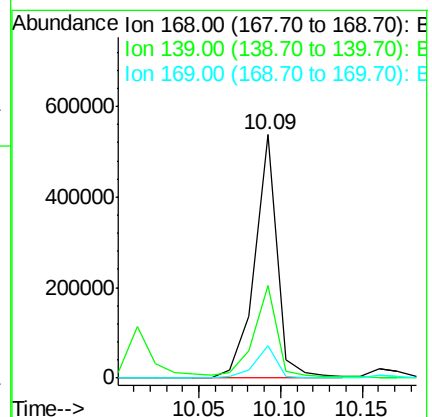
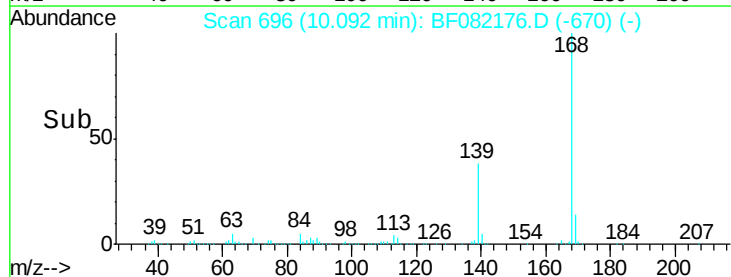
169 13.5 10.9 16.3

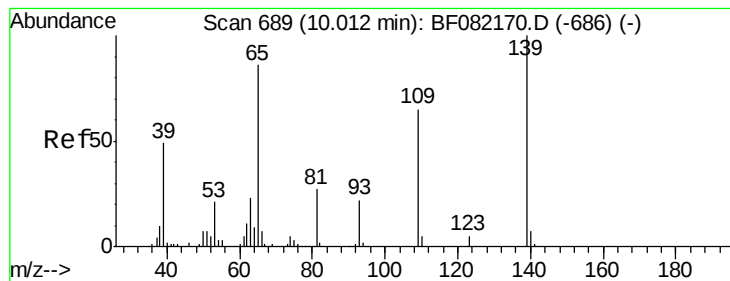


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.77 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

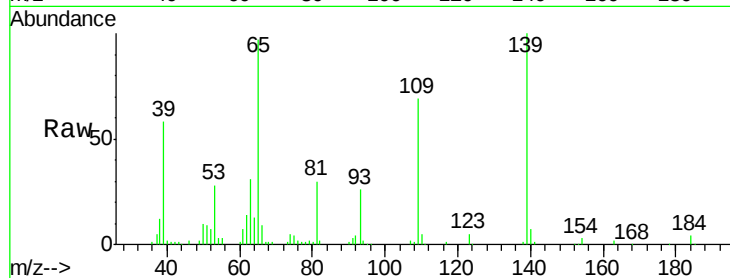
Tgt Ion:139 Resp: 127053

Ion Ratio Lower Upper

139 100

109 68.6 44.8 84.8

65 97.0 67.7 107.7

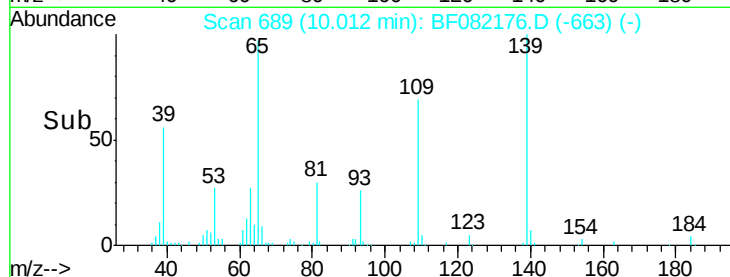


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



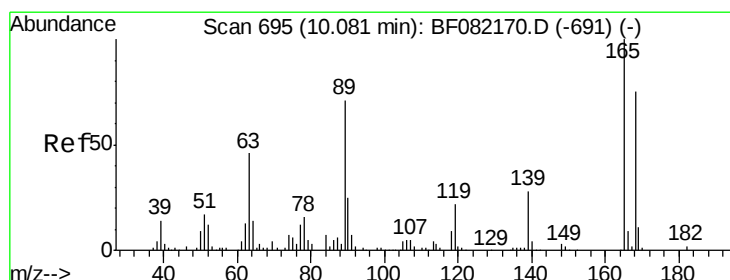
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 42.34 ng

RT: 10.08 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:165 Resp: 132780

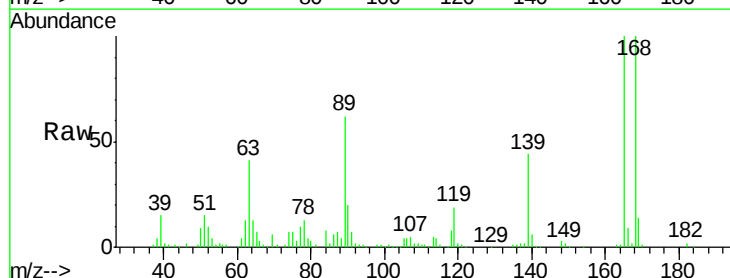
Ion Ratio Lower Upper

165 100

63 41.5 38.6 58.0

89 61.7 57.0 85.6

182 2.3 1.8 2.6



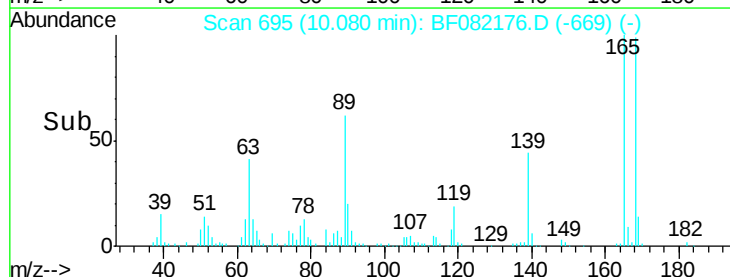
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

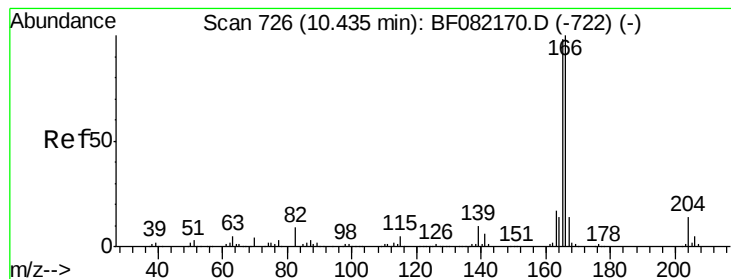
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



#57

Fluorene

Concen: 38.90 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampled :

PB86050BS

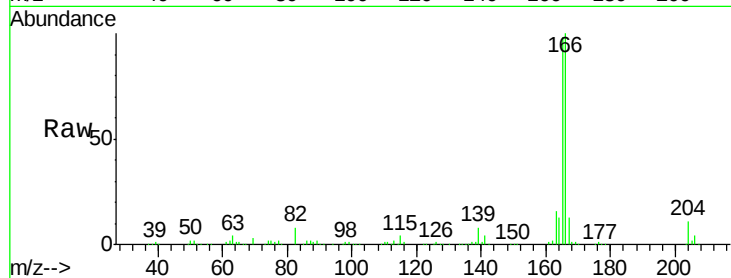
Tgt Ion:166 Resp: 415788

Ion Ratio Lower Upper

166 100

165 98.1 78.3 117.5

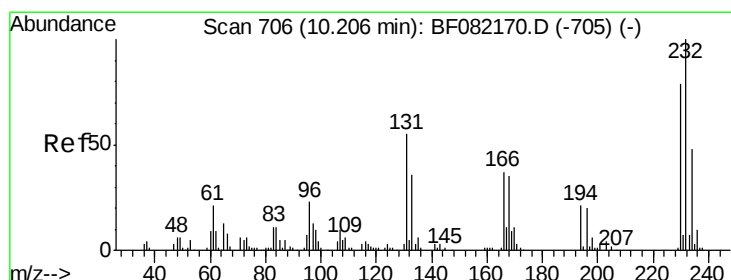
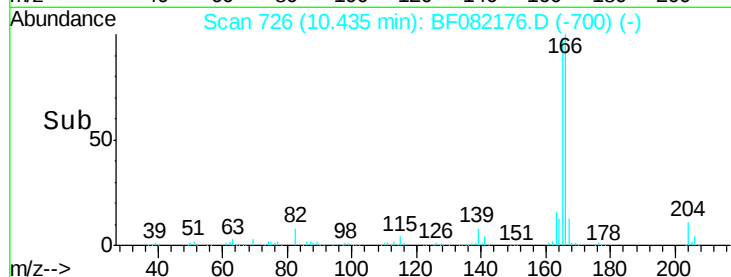
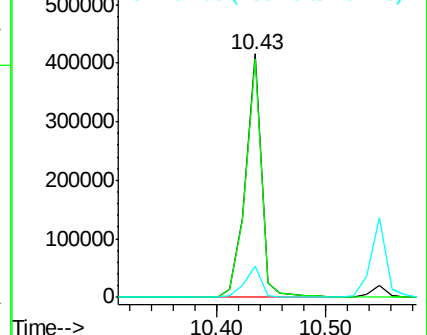
167 12.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.57 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:232 Resp: 107974

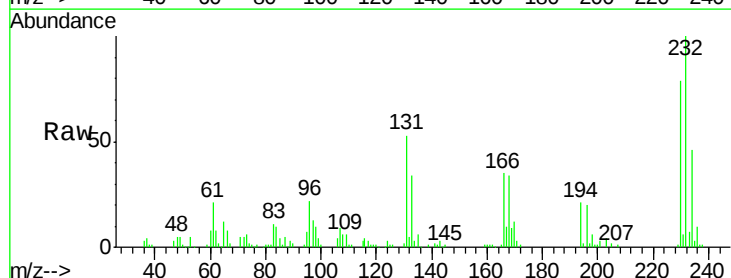
Ion Ratio Lower Upper

232 100

131 45.7 36.6 54.8

130 1.9 1.5 2.3

166 31.3 24.6 37.0

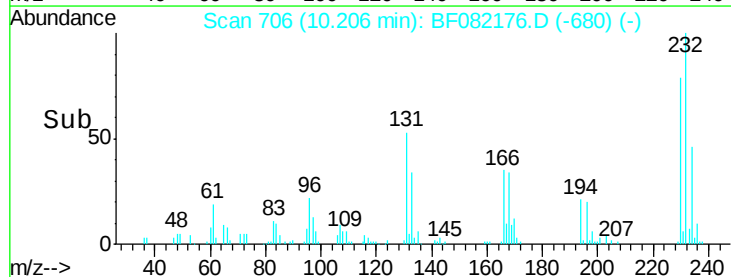
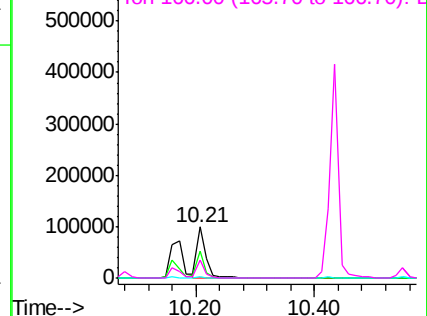


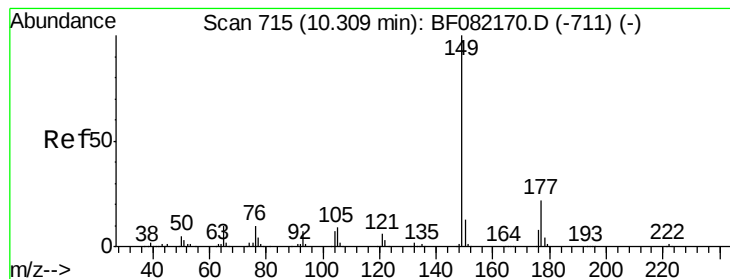
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.11 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

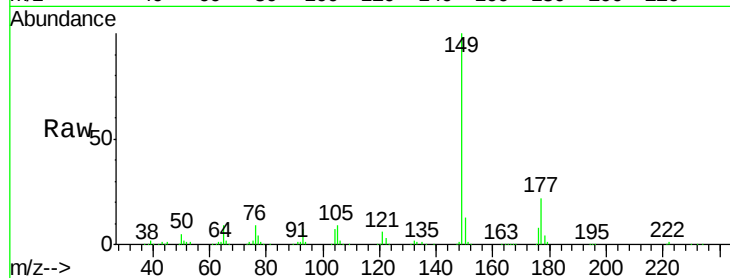
Tgt Ion:149 Resp: 422334

Ion Ratio Lower Upper

149 100

177 22.1 17.6 26.4

150 12.8 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

600000

500000

400000

300000

200000

100000

0

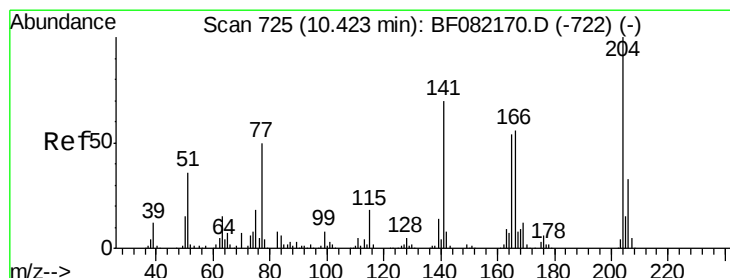
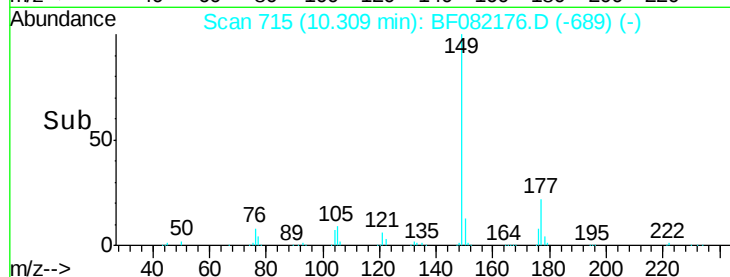
10.31

10.20

10.30

10.40

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 37.73 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

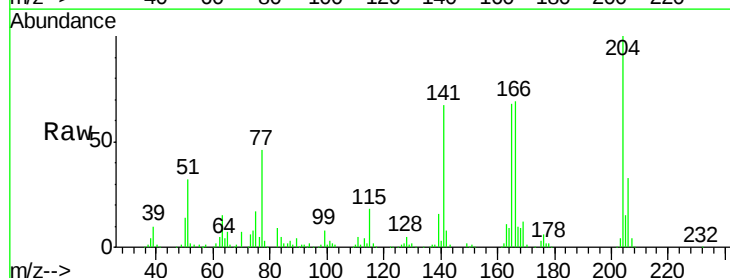
Tgt Ion:204 Resp: 184720

Ion Ratio Lower Upper

204 100

206 33.1 26.8 40.2

141 66.6 56.1 84.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

250000

200000

150000

100000

50000

0

10.42

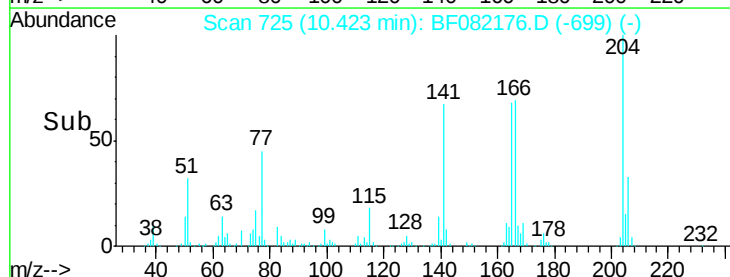
10.30

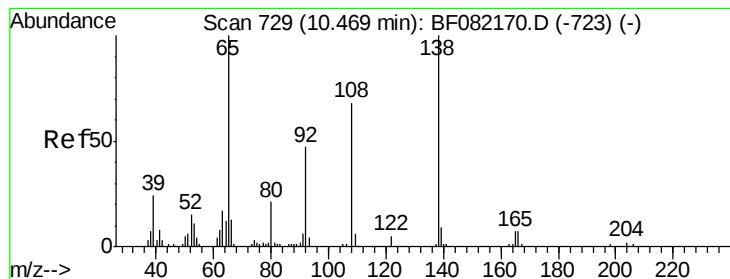
10.40

10.50

10.60

Time-->





#61

4-Nitroaniline

Concen: 33.15 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

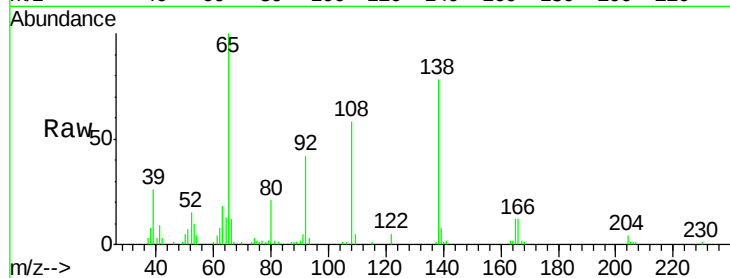
Tgt Ion:138 Resp: 91122

Ion Ratio Lower Upper

138 100

92 53.2 26.8 66.8

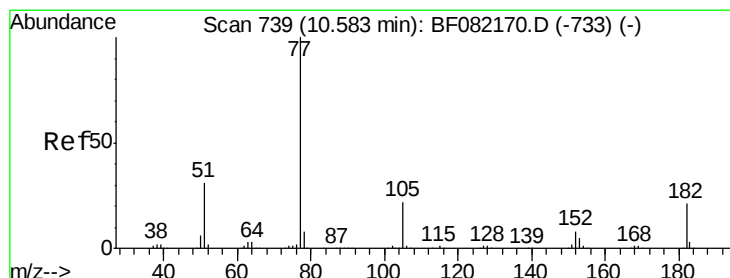
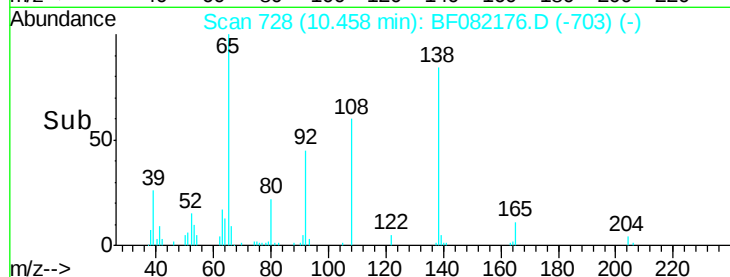
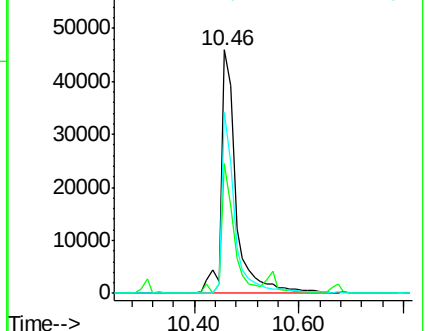
108 74.3 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.97 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion: 77 Resp: 400976

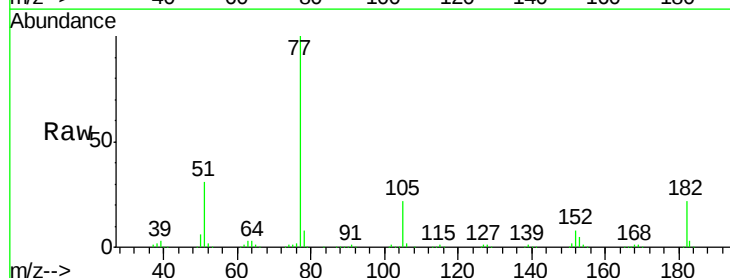
Ion Ratio Lower Upper

77 100

182 21.8 0.5 40.5

105 22.3 1.8 41.8

51 30.5 11.2 51.2

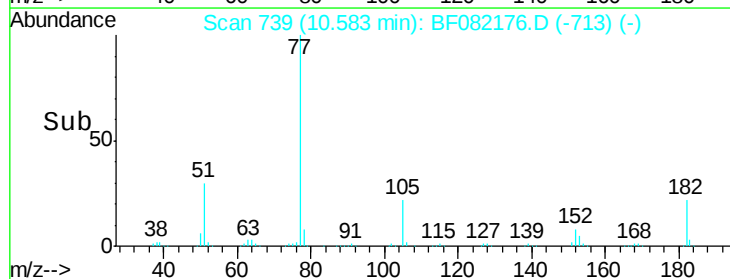
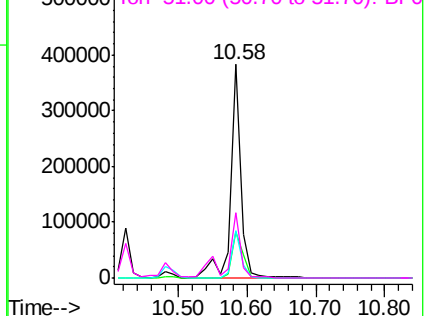


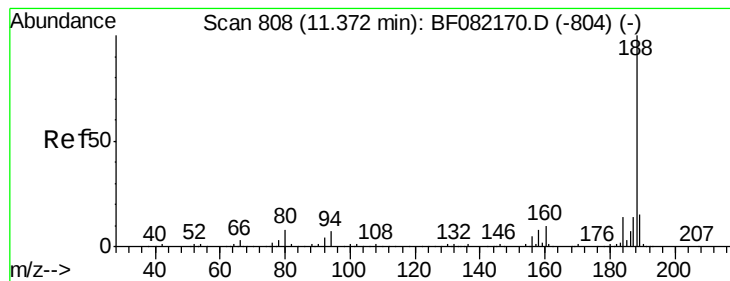
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

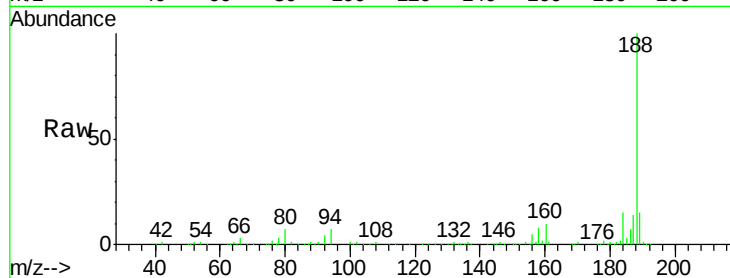
Tgt Ion:188 Resp: 321556

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

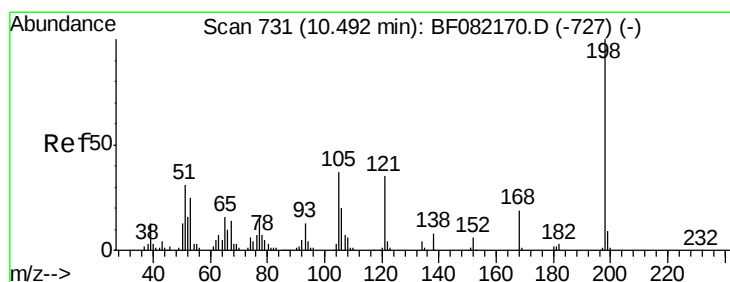
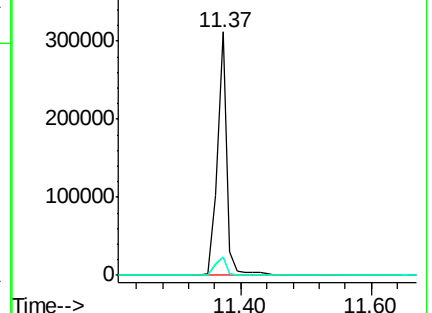
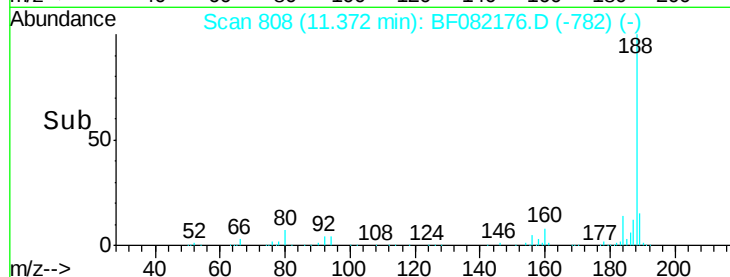
80 7.5 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.38 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

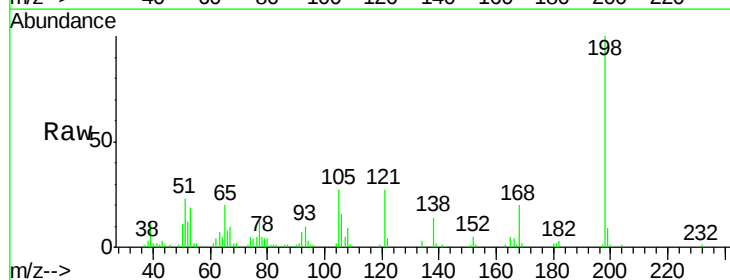
Tgt Ion:198 Resp: 63838

Ion Ratio Lower Upper

198 100

51 23.3 13.6 53.6

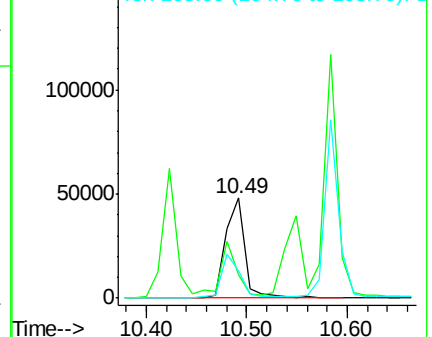
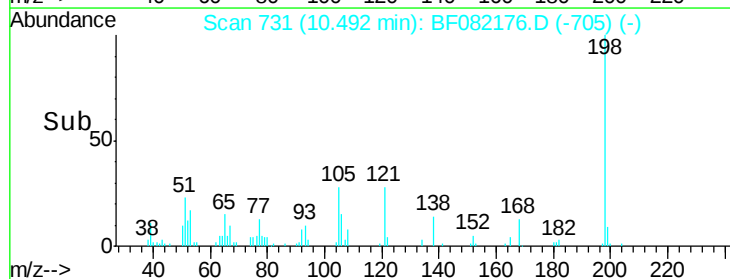
105 27.3 17.1 57.1

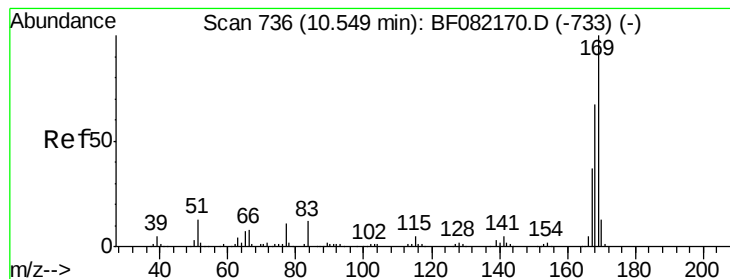


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.13 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

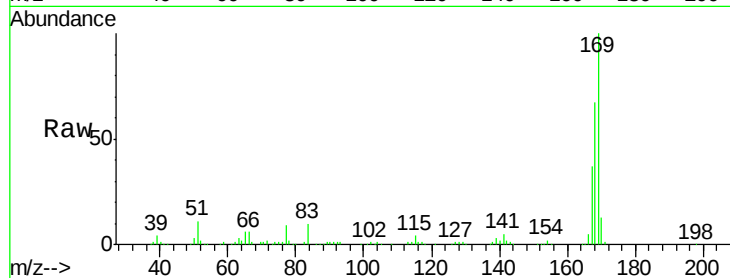
Tgt Ion:169 Resp: 367065

Ion Ratio Lower Upper

169 100

168 67.0 54.0 81.0

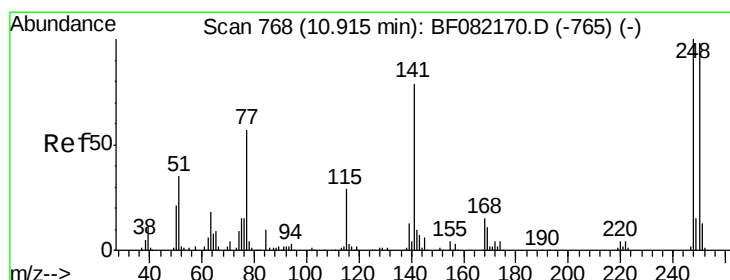
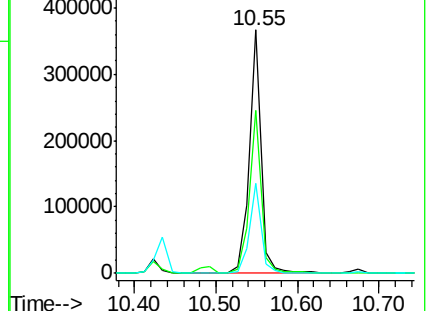
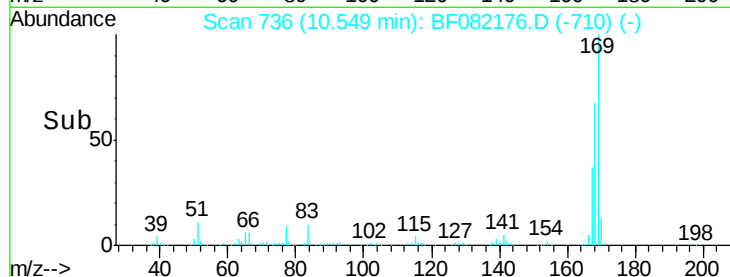
167 37.0 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.32 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

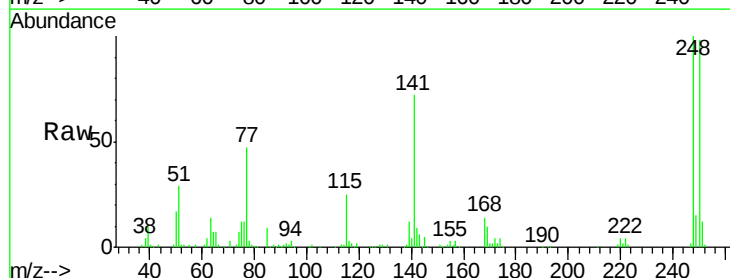
Tgt Ion:248 Resp: 120113

Ion Ratio Lower Upper

248 100

250 98.1 78.6 117.8

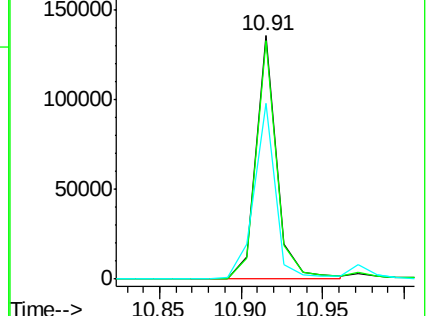
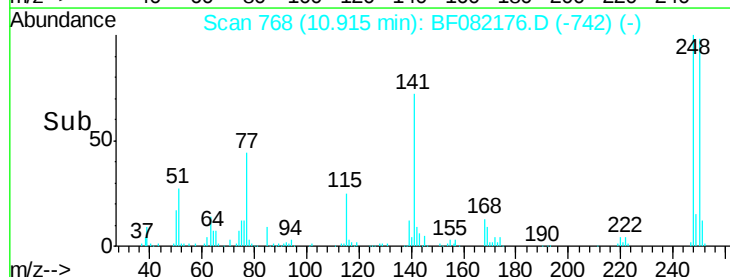
141 72.2 63.3 94.9

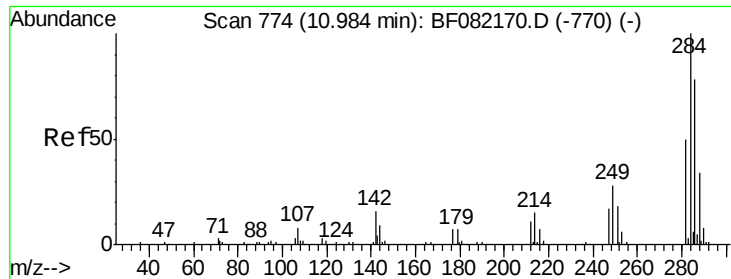


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

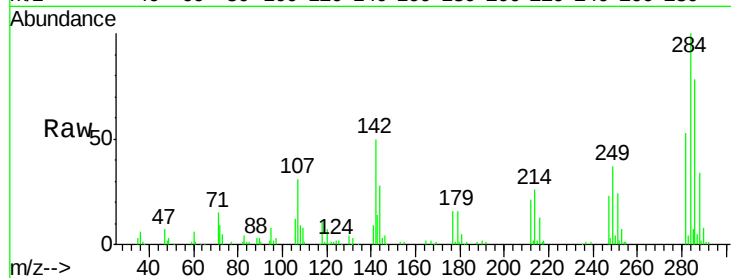




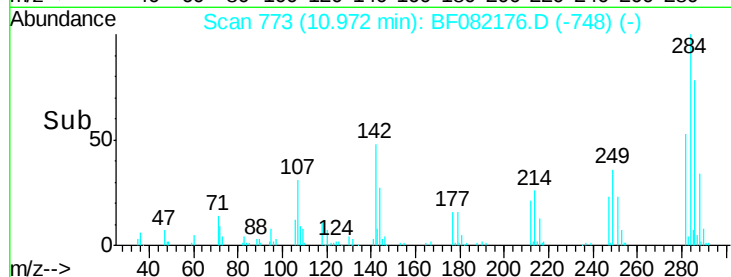
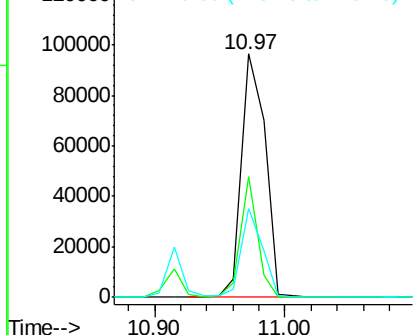
#67
Hexachlorobenzene
Concen: 34.84 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion:284 Resp: 121259
Ion Ratio Lower Upper
284 100
142 49.7 13.0 19.6#
249 36.7 22.5 33.7#

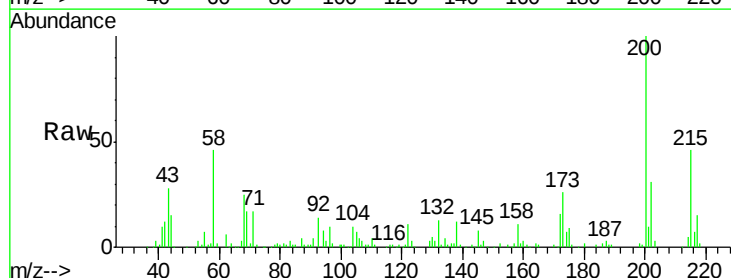


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

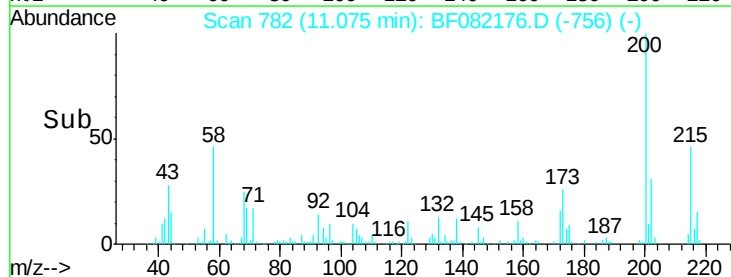
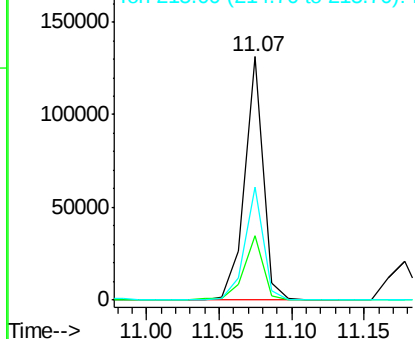


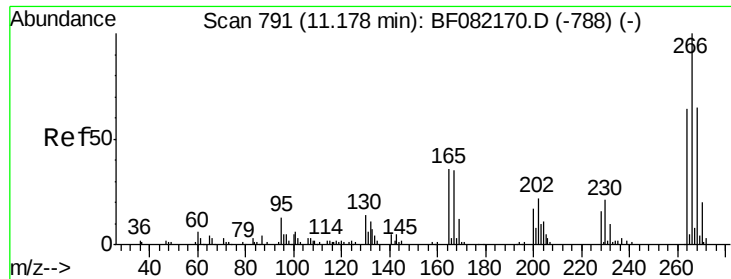
#68
Atrazine
Concen: 38.22 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion:200 Resp: 116569
Ion Ratio Lower Upper
200 100
173 26.4 7.3 47.3
215 46.4 26.2 66.2



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

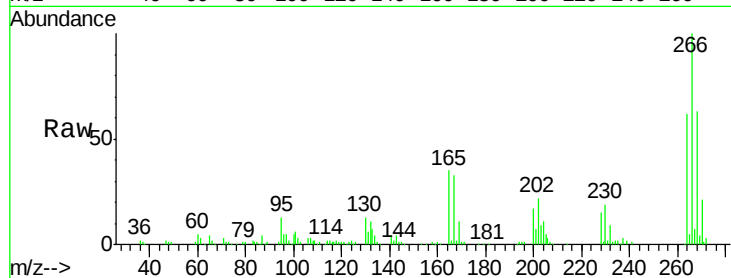




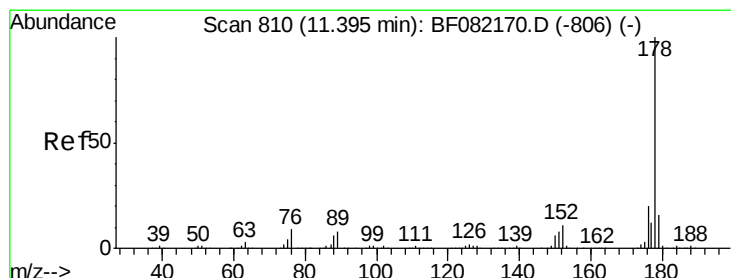
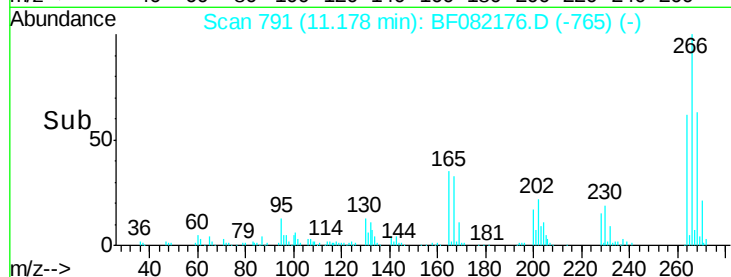
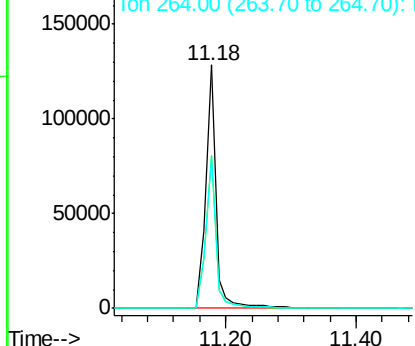
#69
 Pentachlorophenol
 Concen: 78.42 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion:266 Resp: 140437
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.0 78.0
 264 62.0 51.4 77.0

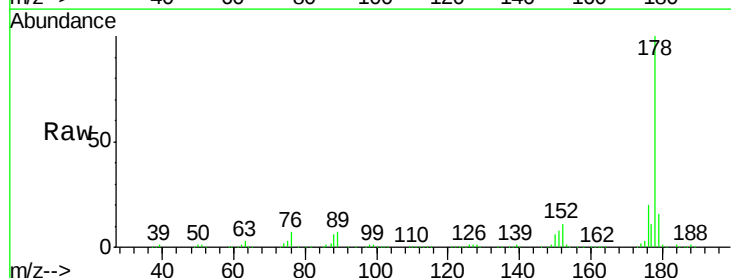


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

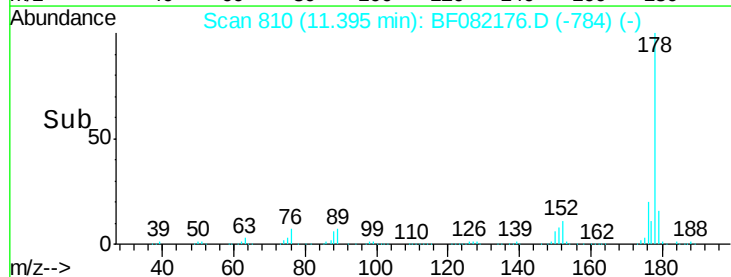
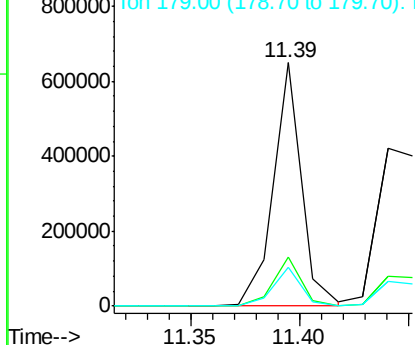


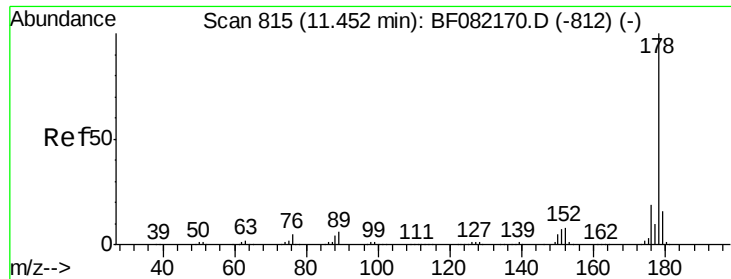
#70
 Phenanthrene
 Concen: 37.51 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:178 Resp: 591203
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.7 12.6 19.0



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

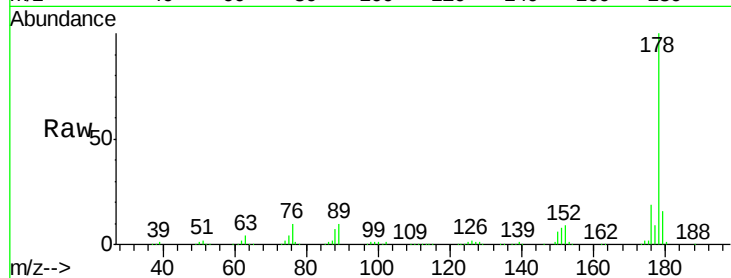




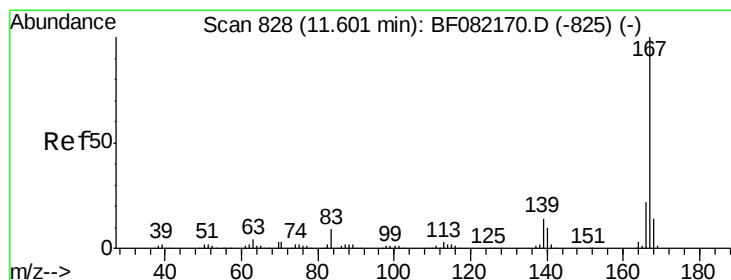
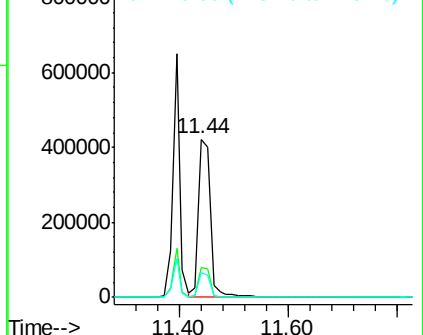
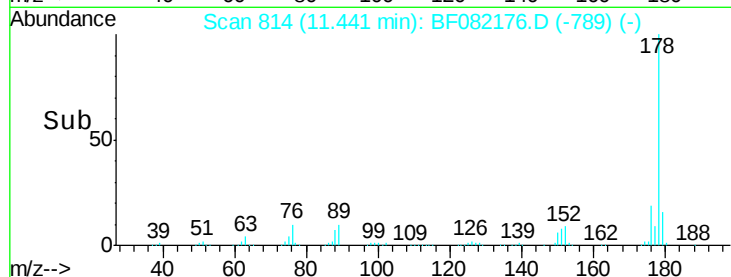
#71
 Anthracene
 Concen: 39.18 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion:178 Resp: 636360
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.9 12.5 18.7

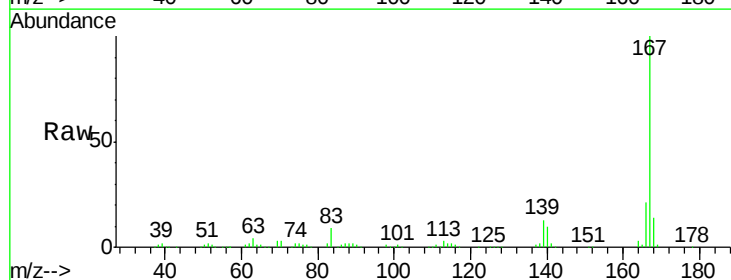


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

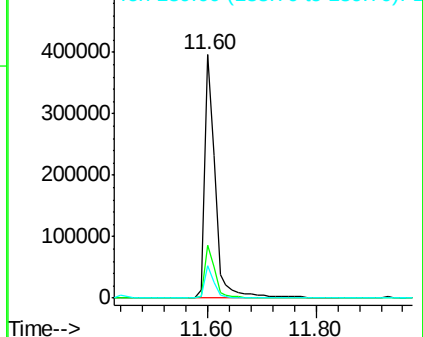
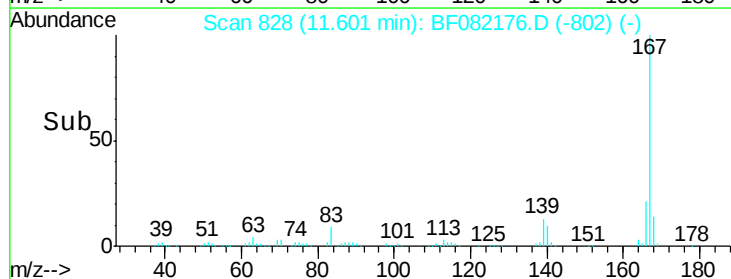


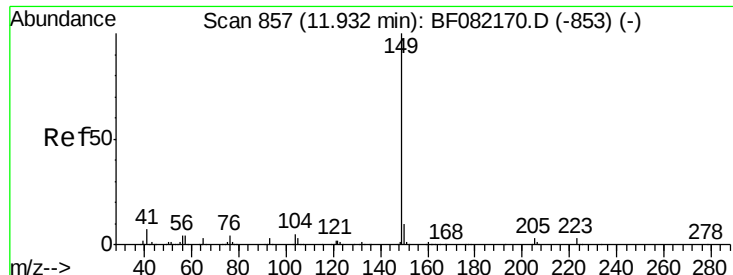
#72
 Carbazole
 Concen: 35.49 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion:167 Resp: 525791
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.5 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.58 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

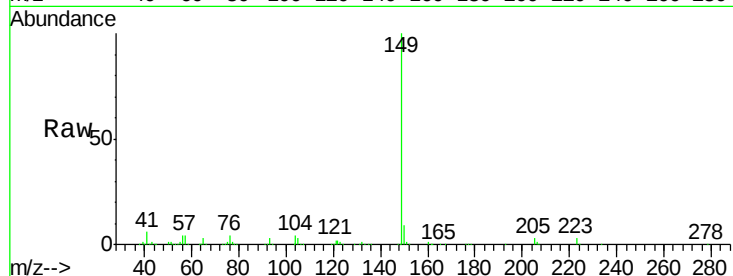
Tgt Ion:149 Resp: 686933

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

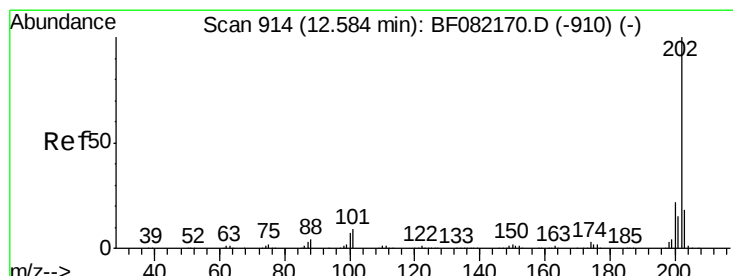
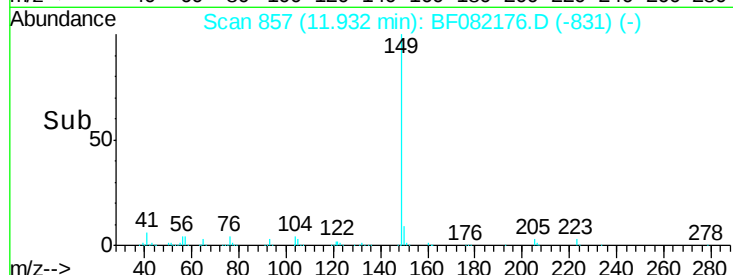
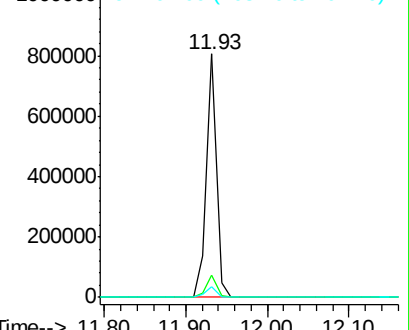
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.67 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

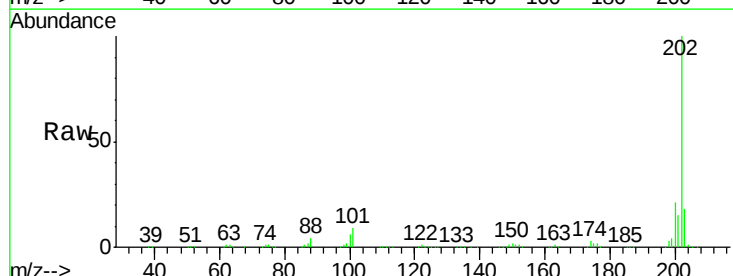
Tgt Ion:202 Resp: 654593

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.3

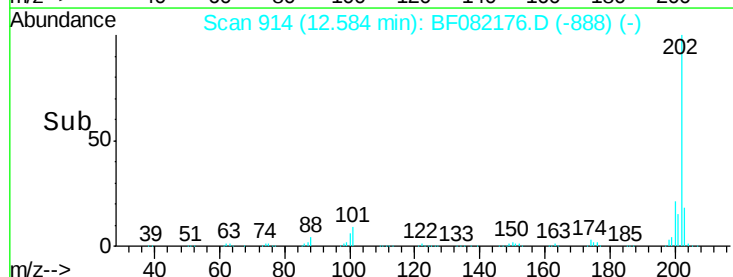
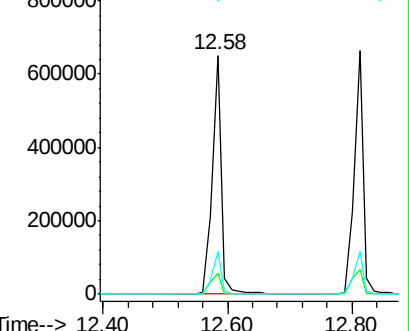
203 18.0 0.0 37.8

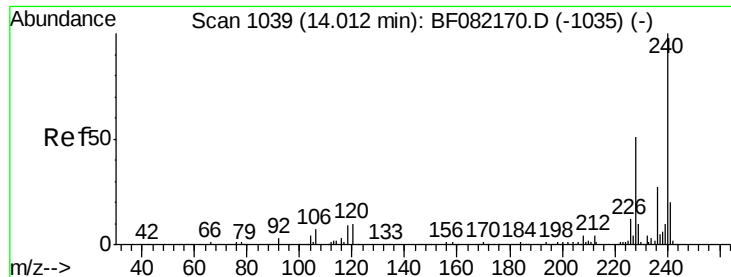


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

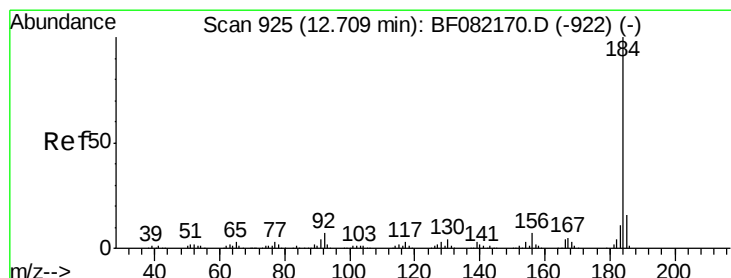
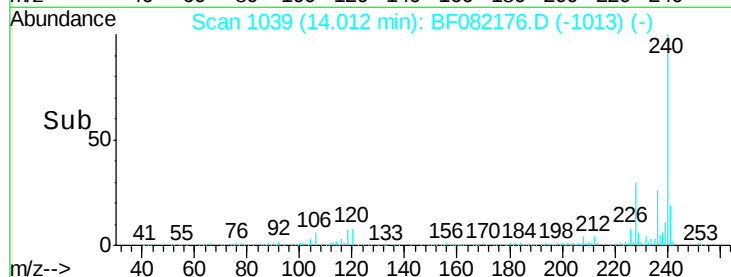
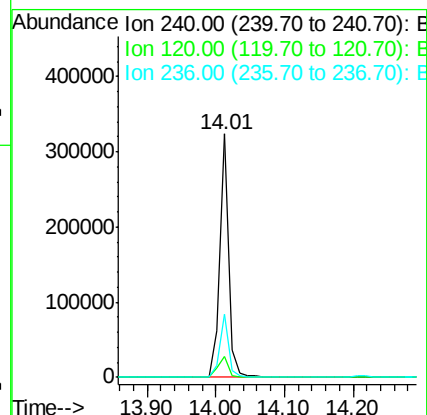
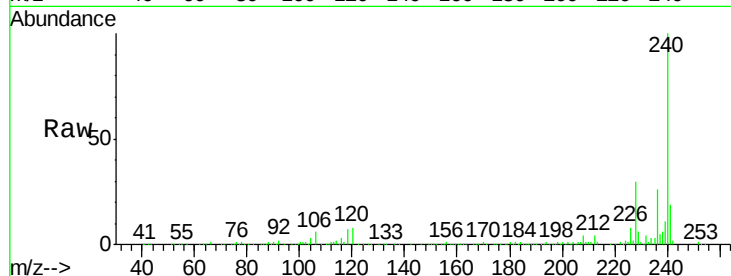




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

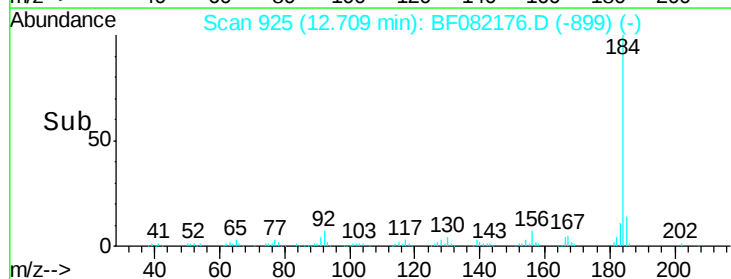
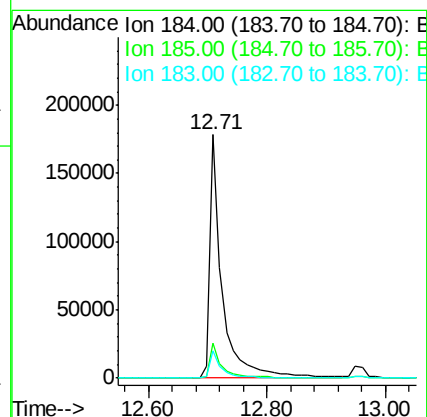
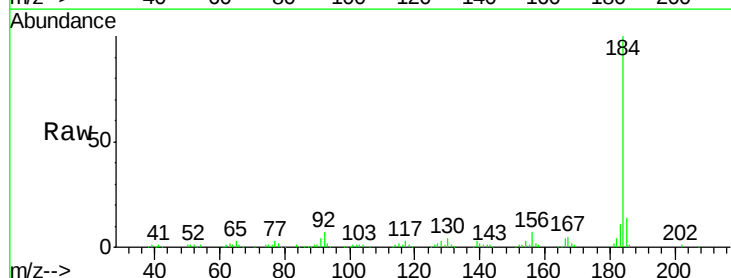
Instrument :
BNA_F
ClientSampleId :
PB86050BS

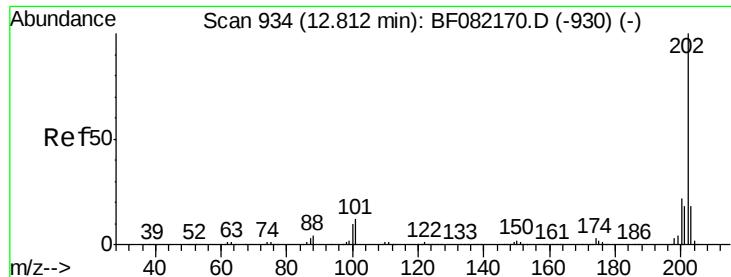
Tgt Ion:240 Resp: 304194
Ion Ratio Lower Upper
240 100
120 8.4 8.1 12.1
236 25.8 21.3 31.9



#76
Benzidine
Concen: 30.10 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion:184 Resp: 265302
Ion Ratio Lower Upper
184 100
185 14.2 12.5 18.7
183 11.1 9.1 13.7

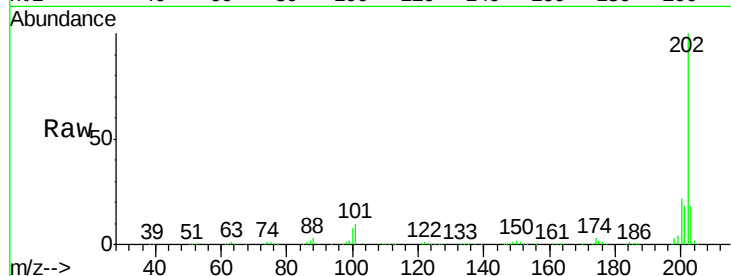




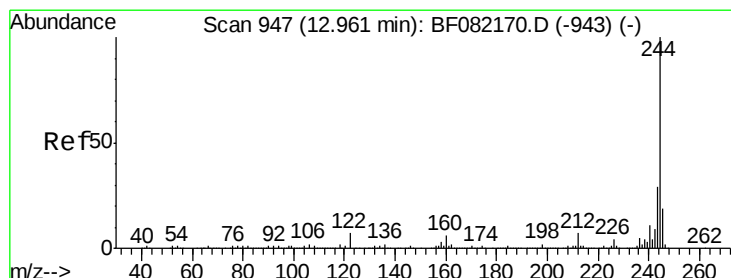
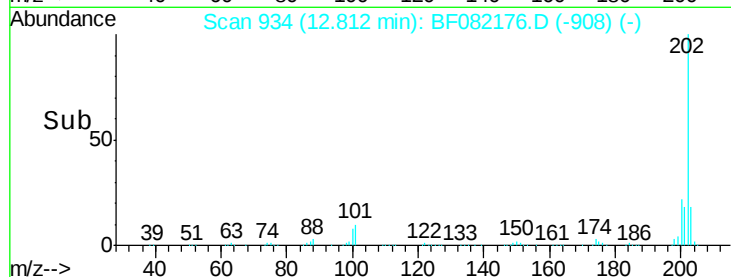
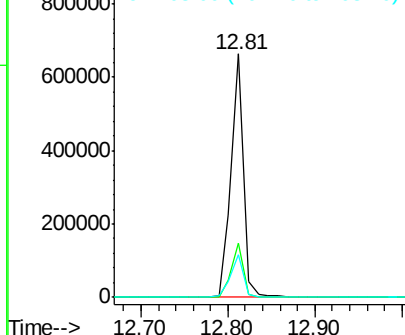
#77
 Pyrene
 Concen: 36.32 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion: 202 Resp: 655700
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.9 26.9
 203 17.7 14.5 21.7

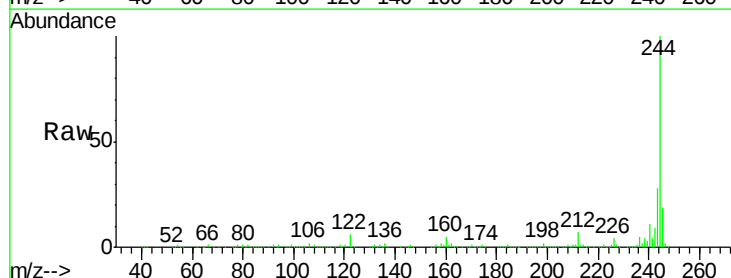


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

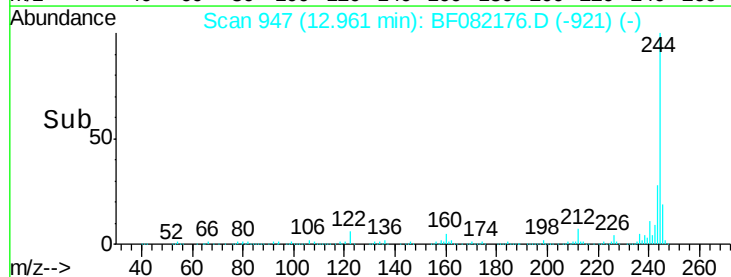
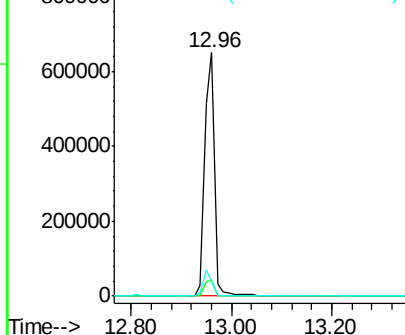


#78
 Terphenyl-d14
 Concen: 76.39 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion: 244 Resp: 876921
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 6.1 5.9 8.9



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

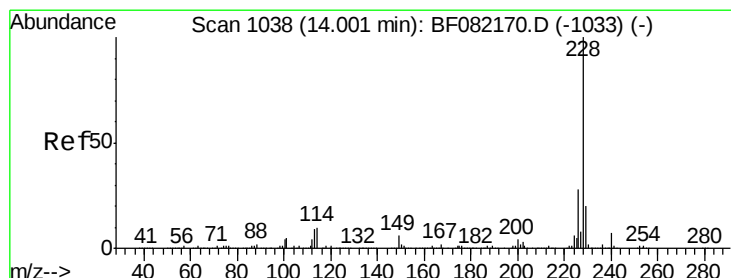
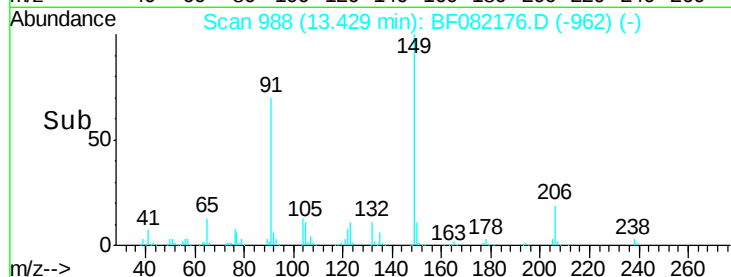
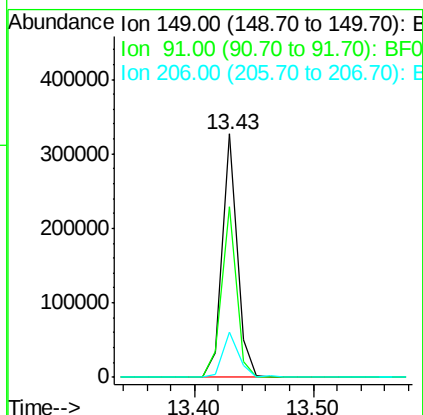
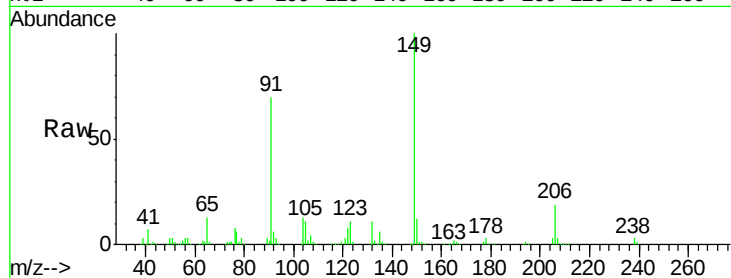




#79
Butylbenzylphthalate
Concen: 34.65 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

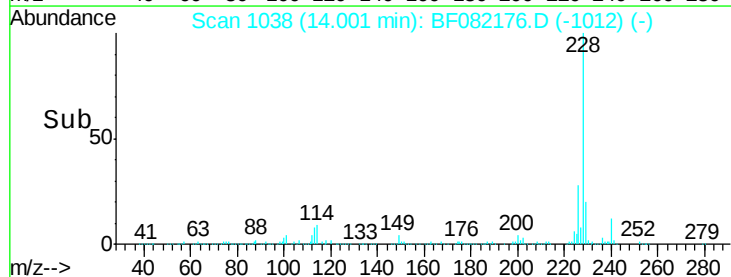
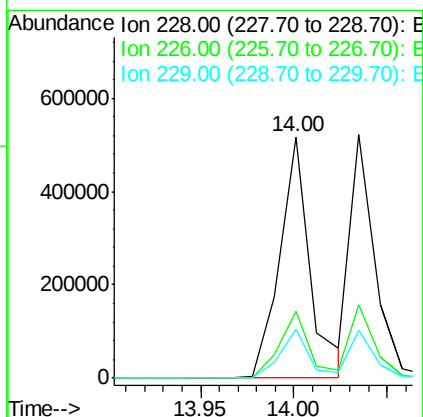
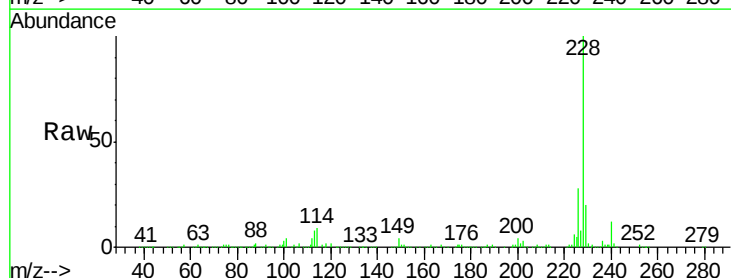
Instrument :
BNA_F
ClientSampleId :
PB86050BS

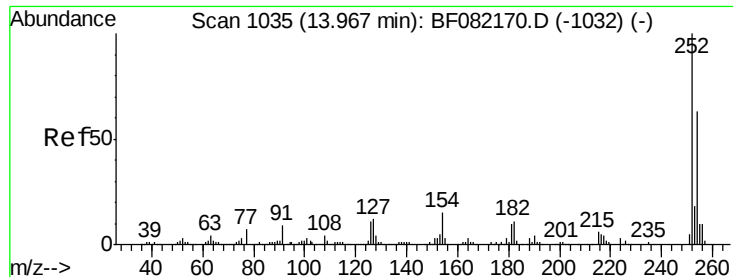
Tgt Ion:149 Resp: 285432
Ion Ratio Lower Upper
149 100
91 69.9 55.7 83.5
206 18.8 15.6 23.4



#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion:228 Resp: 585640
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.4 16.2 24.2

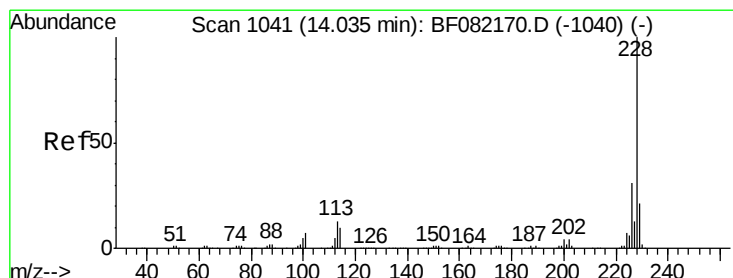
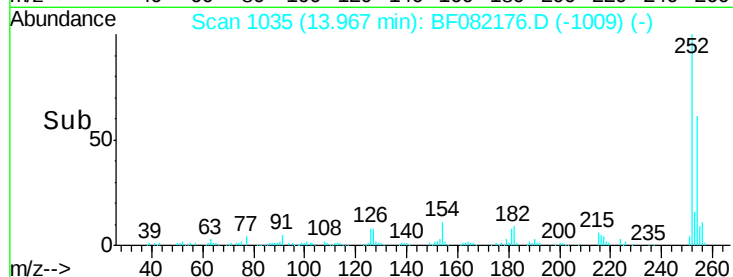
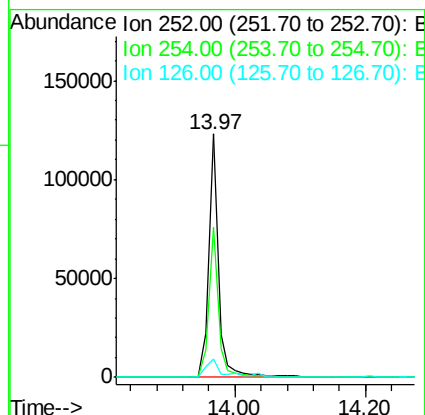
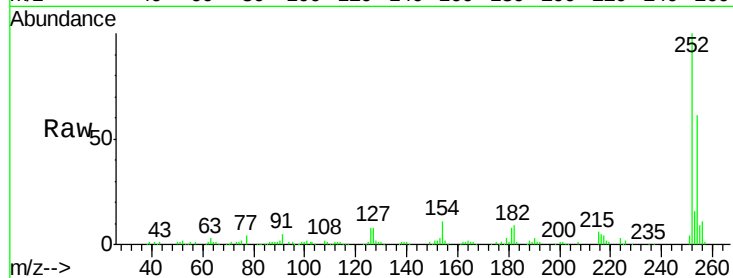




#81
 3,3'-Dichlorobenzidine
 Concen: 21.36 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

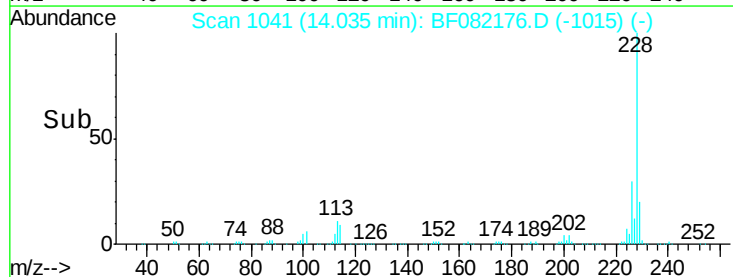
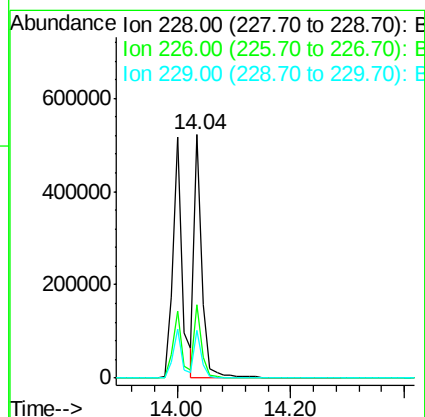
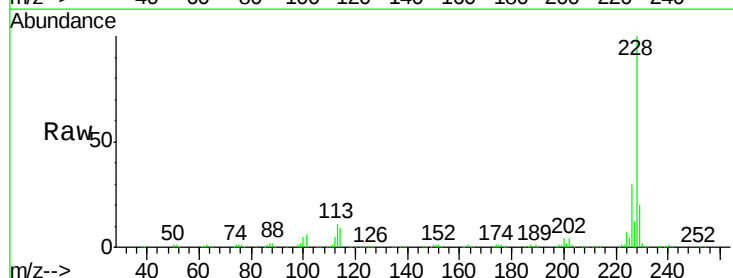
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

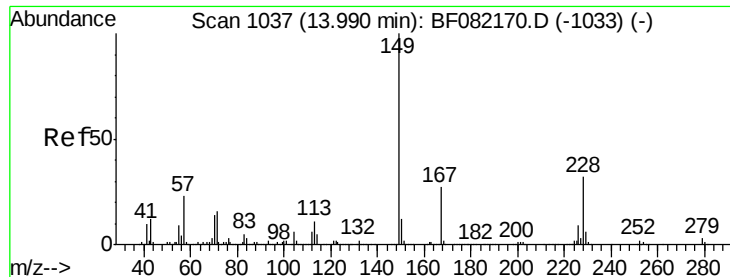
Tgt Ion: 252 Resp: 128345
 Ion Ratio Lower Upper
 252 100
 254 61.5 50.7 76.1
 126 7.7 9.0 13.6#



#82
 Chrysene
 Concen: 30.60 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion: 228 Resp: 510324
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.4 36.6
 229 19.7 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.93 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

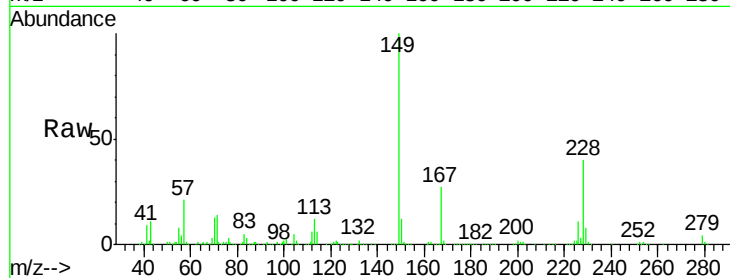
Tgt Ion:149 Resp: 422306

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

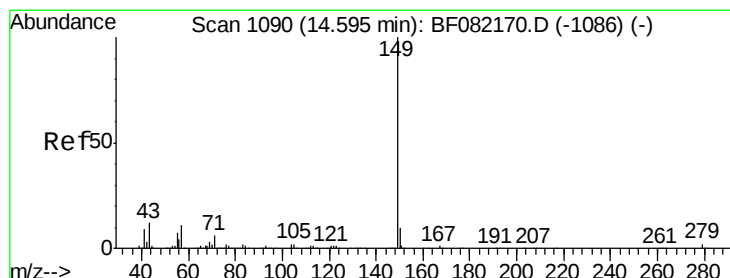
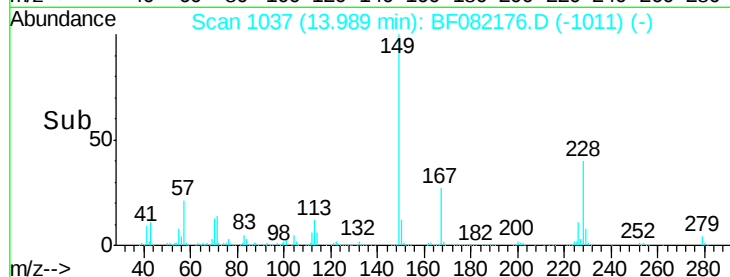
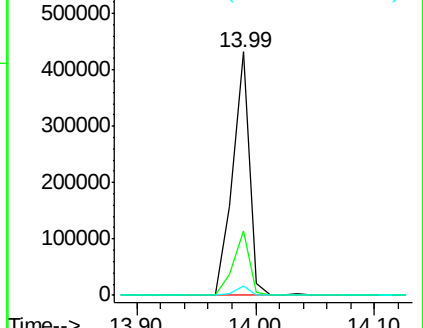
279 3.6 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.40 ng

RT: 14.60 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

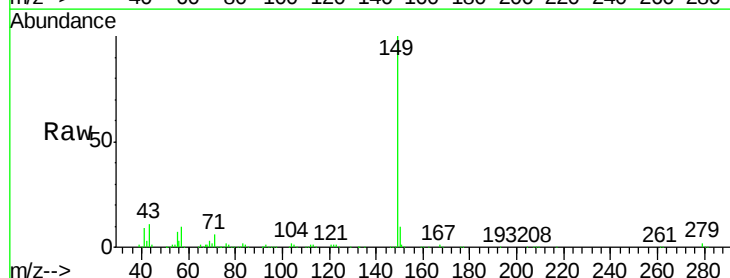
Tgt Ion:149 Resp: 694355

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

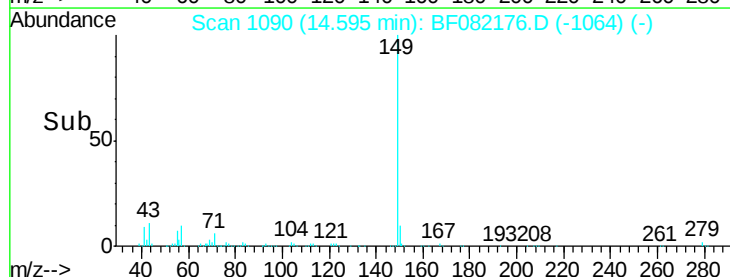
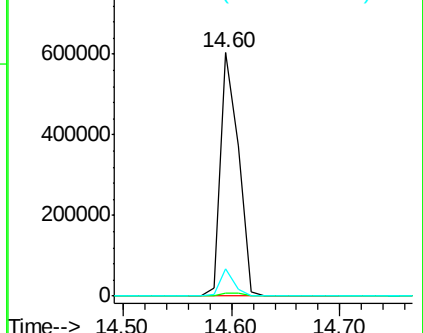
43 9.3 7.4 11.2

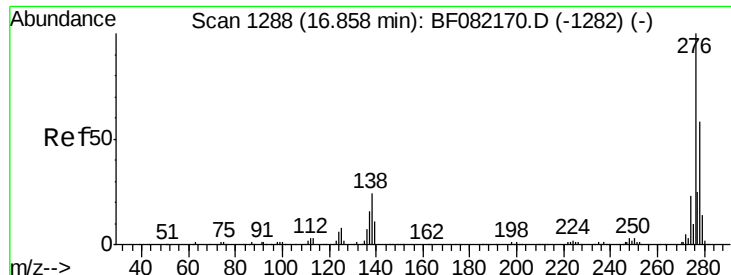


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

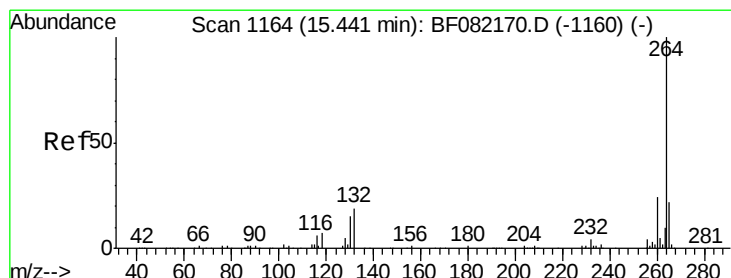
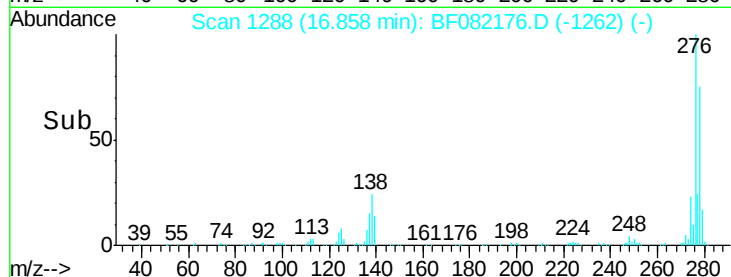
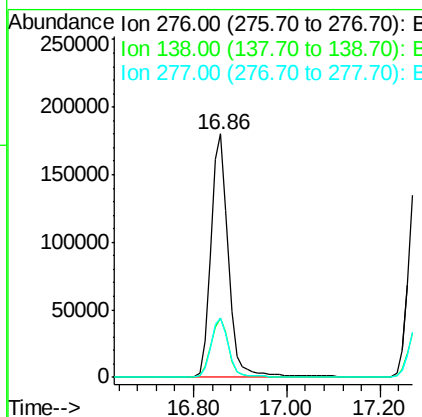
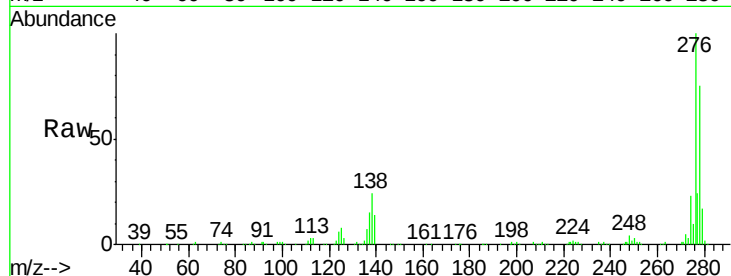




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.72 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

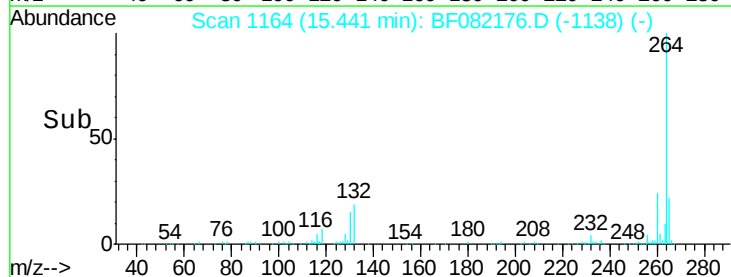
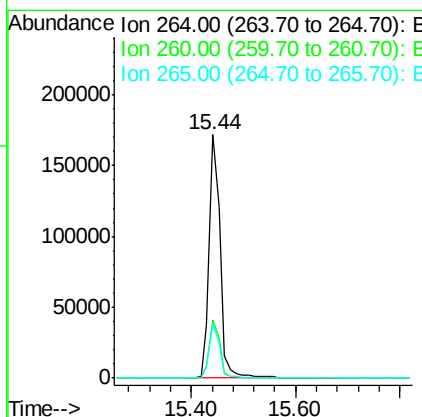
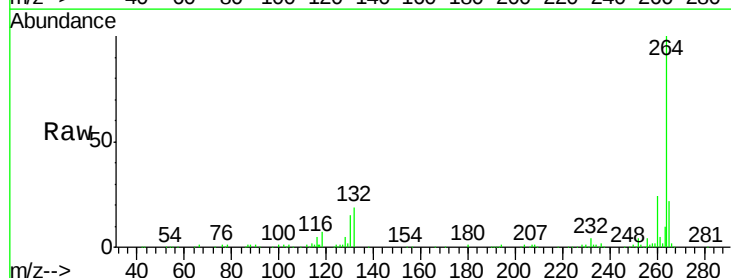
Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

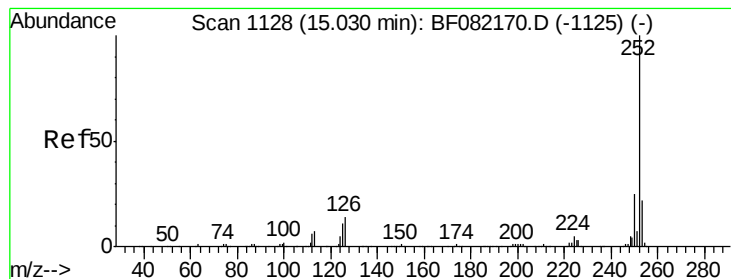
Tgt Ion: 276 Resp: 473473
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.7 29.5
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion: 264 Resp: 252583
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 68.88 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.03 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

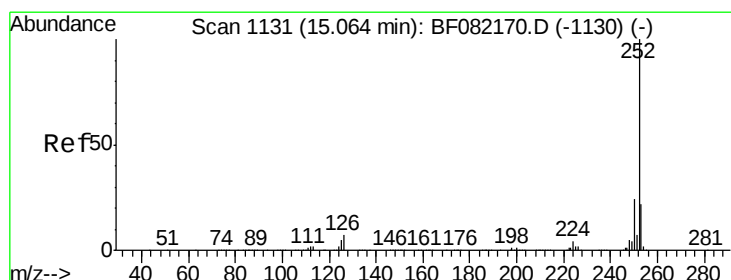
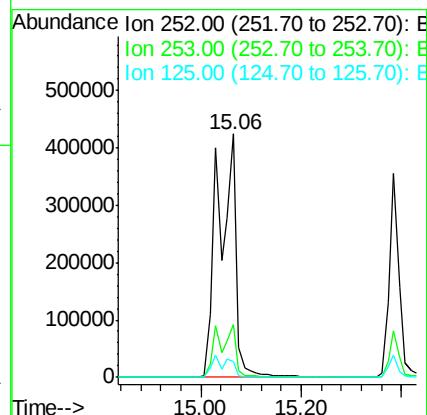
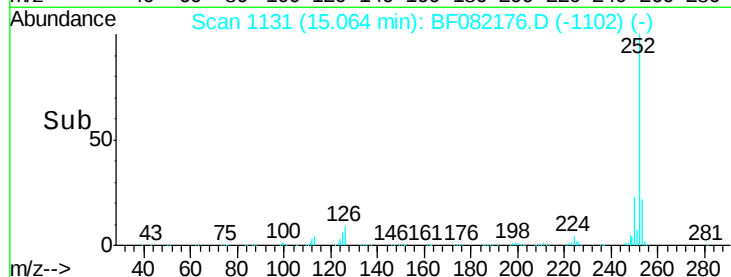
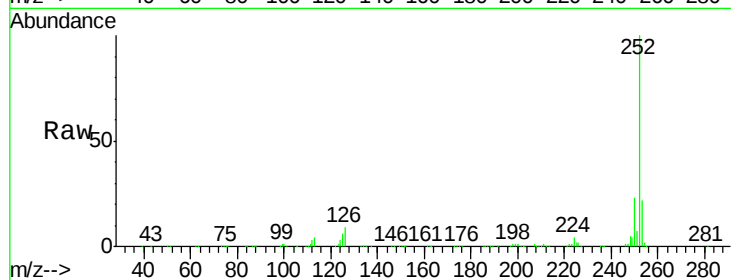
Tgt Ion:252 Resp: 1058411

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 6.4 8.6 12.8#



#88

Benzo(k)fluoranthene

Concen: 82.07 ng

RT: 15.06 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

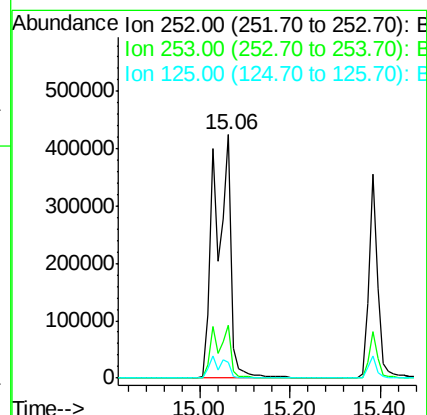
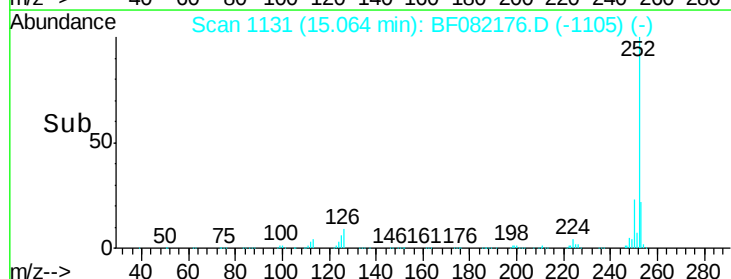
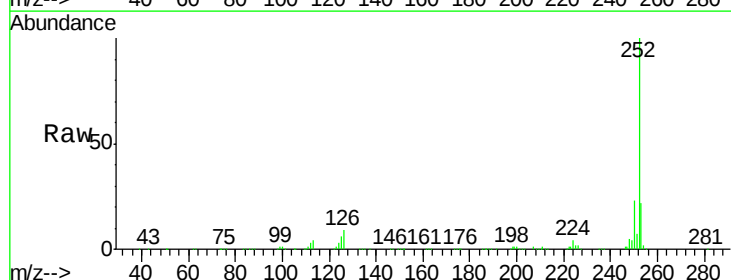
Tgt Ion:252 Resp: 1060059

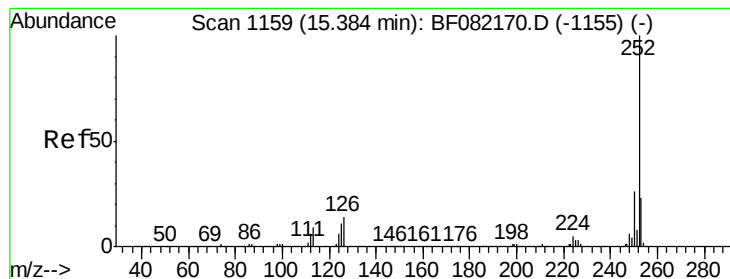
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 6.4 6.7 10.1#





#89

Benzo(a)pyrene

Concen: 36.90 ng

RT: 15.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS

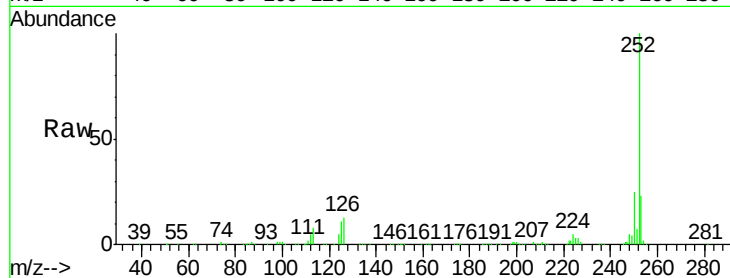
Tgt Ion:252 Resp: 487355

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

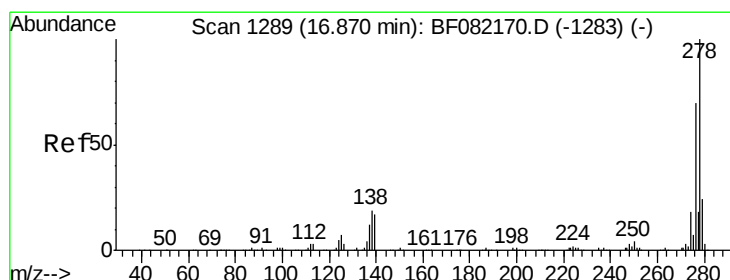
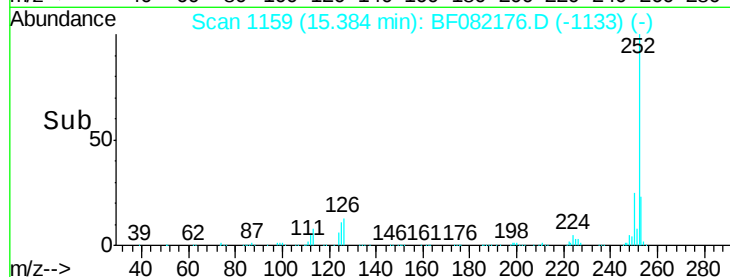
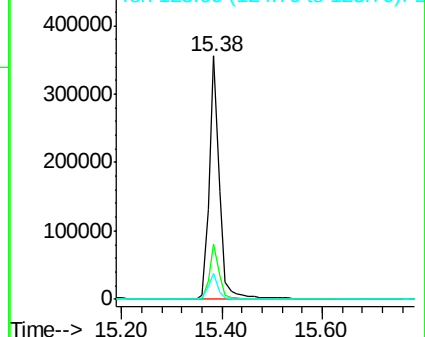
125 10.6 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.89 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

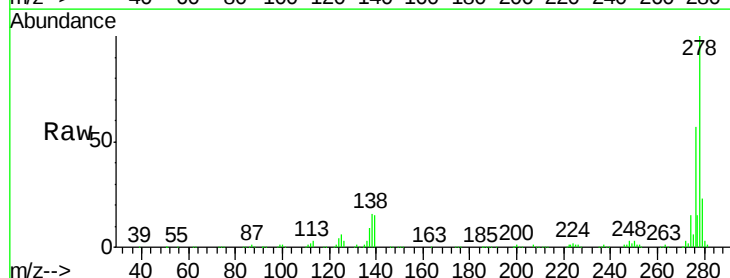
Tgt Ion:278 Resp: 399208

Ion Ratio Lower Upper

278 100

139 14.7 13.3 19.9

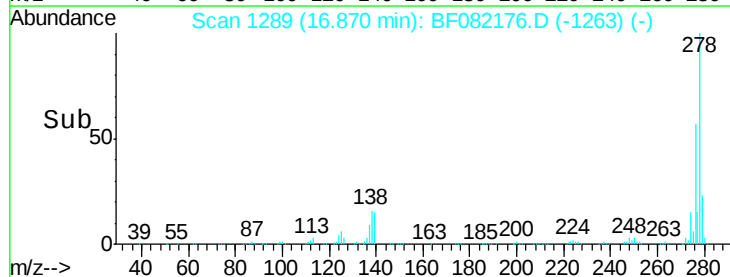
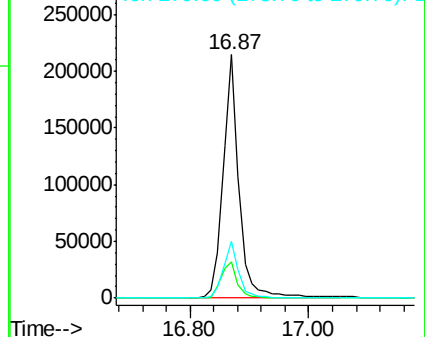
279 23.1 18.9 28.3

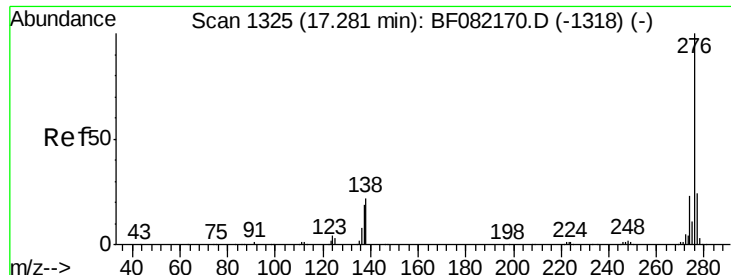


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.20 ng

RT: 17.28 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF082176.D

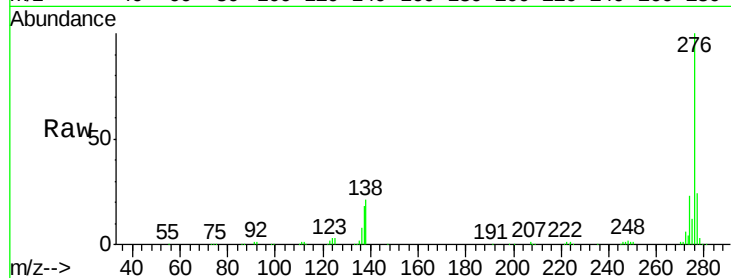
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS



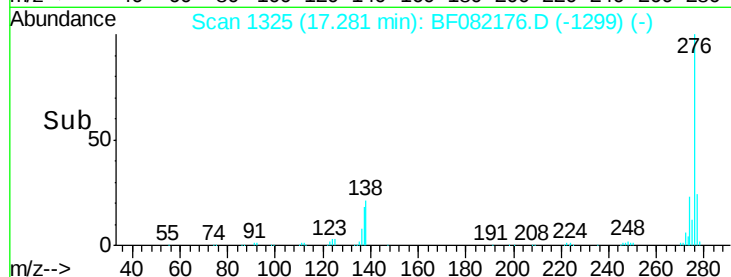
Tgt Ion: 276 Resp: 380623

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.8 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

