

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082178.D
 Acq On : 10 Oct 2015 16:06
 Operator : UM/IZ
 Sample : PB86017BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

Quant Time: Oct 12 01:57:53 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	84158	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	340331	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	171413	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	319941	20.00	ng	0.00
75) Chrysene-d12	14.01	240	305136	20.00	ng	0.00
86) Perylene-d12	15.44	264	241467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	537825	128.98	ng	0.01
7) Phenol-d6	6.48	99	711443	131.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	440451	86.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	200599	124.79	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	952669	92.17	ng	0.00
78) Terphenyl-d14	12.96	244	1007478	87.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	73730	35.19	ng	96
3) Pyridine	3.23	79	182192	37.39	ng	99
4) n-Nitrosodimethylamine	3.20	42	78559	38.01	ng	96
6) Aniline	6.50	93	156213	22.33	ng	96
8) 2-Chlorophenol	6.63	128	207162	40.70	ng	98
9) Benzaldehyde	6.39	77	92103	33.24	ng	92
10) Phenol	6.49	94	278855	44.57	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	217678	41.14	ng	96
12) 1,3-Dichlorobenzene	6.78	146	242051	40.83	ng	98
13) 1,4-Dichlorobenzene	6.86	146	248007	40.06	ng	98
14) 1,2-Dichlorobenzene	7.01	146	237231	40.35	ng	96
15) Benzyl Alcohol	6.98	79	159156	42.49	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	295683	40.13	ng	99
17) 2-Methylphenol	7.10	107	167055	41.50	ng	98
18) Hexachloroethane	7.35	117	85679	40.43	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	144105	37.81	ng	# 89
20) 3+4-Methylphenols	7.26	107	208203	43.40	ng	92
22) Acetophenone	7.26	105	282272	41.93	ng	# 96
24) Nitrobenzene	7.43	77	226106	41.22	ng	92
25) Isophorone	7.67	82	410505	40.13	ng	96
26) 2-Nitrophenol	7.75	139	116764	42.63	ng	93
27) 2,4-Dimethylphenol	7.78	122	189912	43.04	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	249383	41.90	ng	98
29) 2,4-Dichlorophenol	7.99	162	205404	46.56	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	212489	41.79	ng	98
31) Naphthalene	8.15	128	636813	43.17	ng	100
32) Benzoic acid	7.92	122	124797	42.14	ng	97
33) 4-Chloroaniline	8.21	127	77423	12.64	ng	96
34) Hexachlorobutadiene	8.26	225	130936	41.33	ng	98
35) Caprolactam	8.57	113	38899	30.38	ng	# 69
36) 4-Chloro-3-methylphenol	8.69	107	193119	44.77	ng	99
37) 2-Methylnaphthalene	8.85	142	429035	41.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	208485	40.89	ng	99
40) Hexachlorocyclopentadiene	8.99	237	227064	87.18	ng	99

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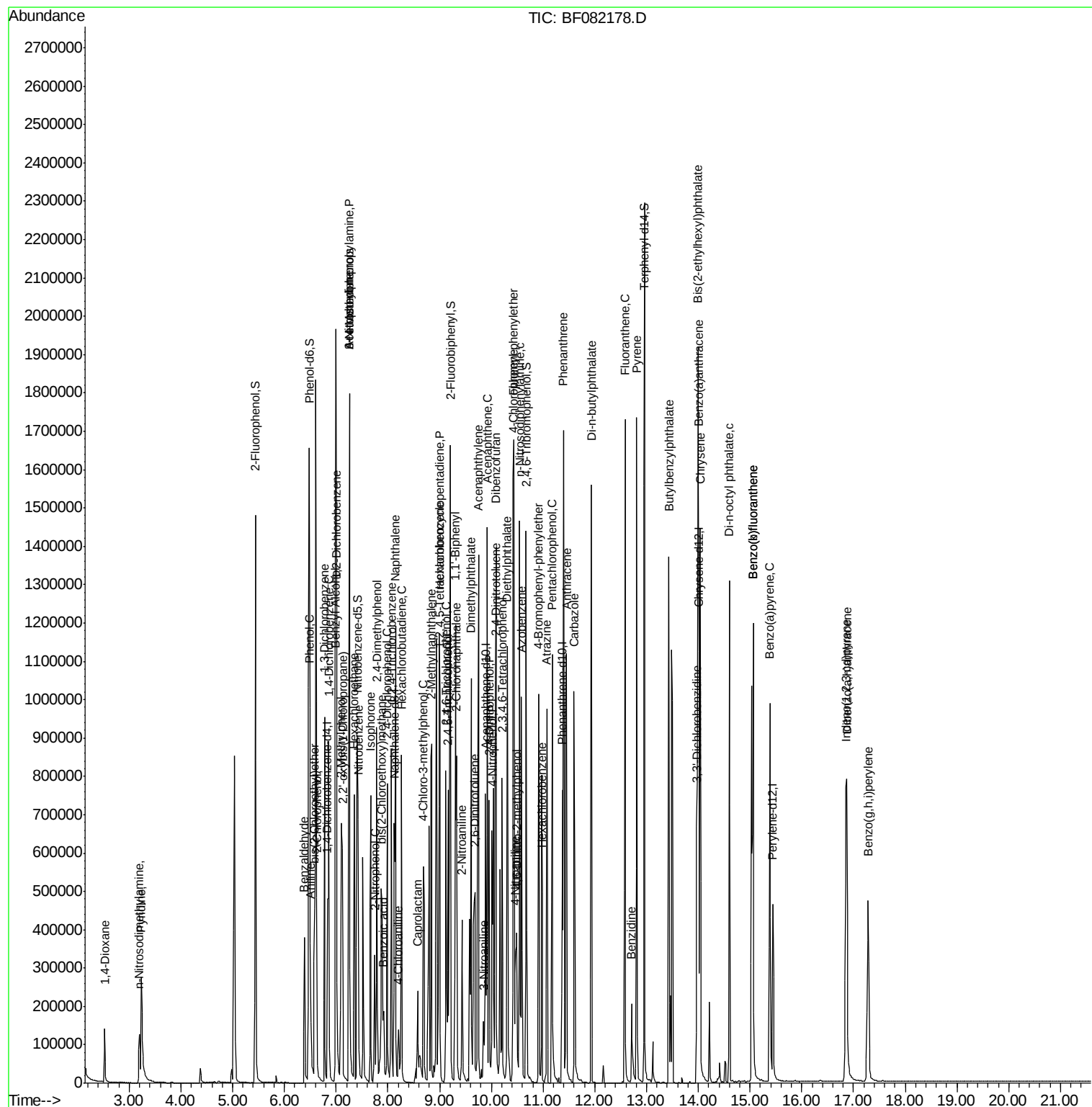
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137439	40.59	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	149661	40.80	ng	98
45) 1,1'-Biphenyl	9.30	154	506489	38.75	ng	99
46) 2-Chloronaphthalene	9.33	162	417971	40.62	ng	# 93
47) 2-Nitroaniline	9.43	65	114029	40.37	ng	98
48) Acenaphthylene	9.75	152	696970	43.48	ng	99
49) Dimethylphthalate	9.61	163	490370	40.63	ng	100
50) 2,6-Dinitrotoluene	9.68	165	110386	43.34	ng	# 84
51) Acenaphthene	9.92	154	398474	41.41	ng	99
52) 3-Nitroaniline	9.85	138	49479	17.20	ng	98
53) 2,4-Dinitrophenol	9.95	184	123142	86.00	ng	95
54) Dibenzofuran	10.09	168	590721	44.71	ng	100
55) 4-Nitrophenol	10.01	139	140803	73.30	ng	86
56) 2,4-Dinitrotoluene	10.08	165	143752	45.16	ng	99
57) Fluorene	10.43	166	479528	44.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	121164	40.43	ng	99
59) Diethylphthalate	10.31	149	471544	41.91	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	212759	42.80	ng	98
61) 4-Nitroaniline	10.47	138	108805	38.99	ng	93
62) Azobenzene	10.58	77	466570	42.37	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	81686	45.50	ng	92
65) n-Nitrosodiphenylamine	10.55	169	409520	42.75	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	140955	44.02	ng	97
67) Hexachlorobenzene	10.98	284	144506	41.73	ng	98
68) Atrazine	11.07	200	120221	39.61	ng	99
69) Pentachlorophenol	11.18	266	169453	95.10	ng	98
70) Phenanthrene	11.39	178	673434	42.94	ng	100
71) Anthracene	11.45	178	736861	45.60	ng	99
72) Carbazole	11.60	167	623466	42.29	ng	100
73) Di-n-butylphthalate	11.93	149	787326	43.29	ng	100
74) Fluoranthene	12.58	202	760722	45.16	ng	100
76) Benzidine	12.71	184	163681	18.51	ng	99
77) Pyrene	12.81	202	757753	41.85	ng	100
79) Butylbenzylphthalate	13.43	149	324333	39.25	ng	98
80) Benzo(a)anthracene	14.00	228	671666	42.31	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	166830	27.68	ng	99
82) Chrysene	14.04	228	588923	35.20	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	475958	40.37	ng	99
84) Di-n-octyl phthalate	14.60	149	776209	38.34	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	546848	41.13	ng	99
87) Benzo(b)fluoranthene	15.06	252	1196896	81.47	ng	# 97
88) Benzo(k)fluoranthene	15.06	252	1198121	97.03	ng	99
89) Benzo(a)pyrene	15.38	252	552048	43.73	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	456275	44.10	ng	99
91) Benzo(g,h,i)perylene	17.28	276	443092	44.08	ng	99

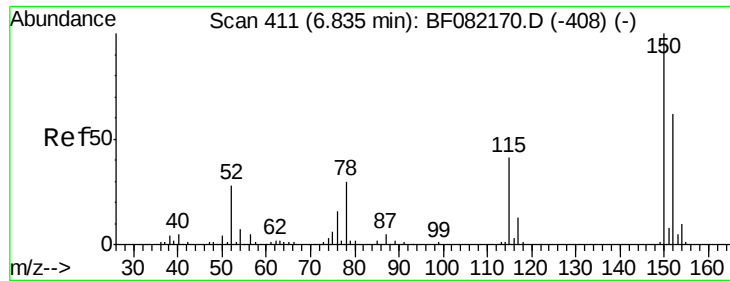
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

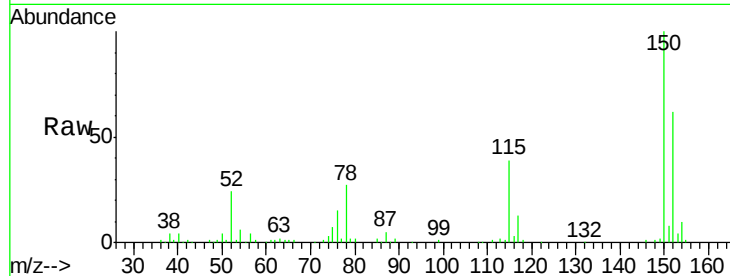
Tgt Ion:152 Resp: 84158

Ion Ratio Lower Upper

152 100

150 161.4 129.0 193.4

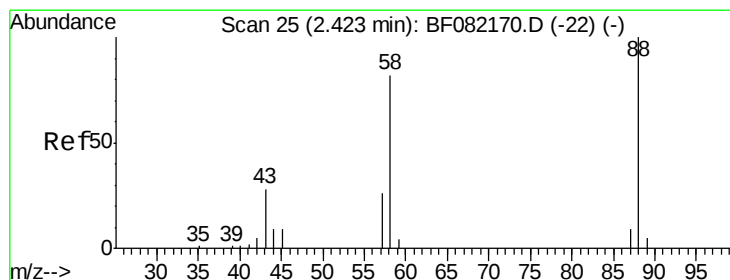
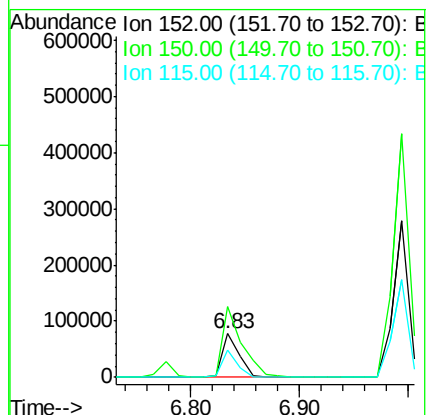
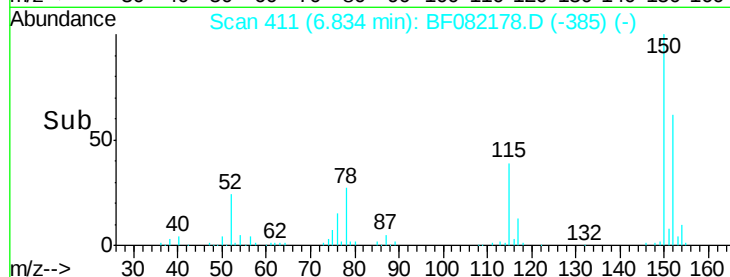
115 62.4 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.19 ng

RT: 2.53 min Scan# 34

Delta R.T. 0.10 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

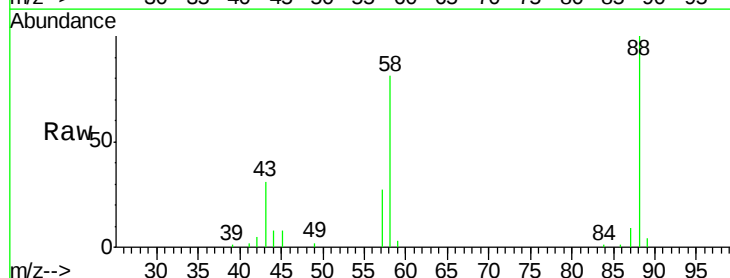
Tgt Ion: 88 Resp: 73730

Ion Ratio Lower Upper

88 100

58 85.9 66.2 99.4

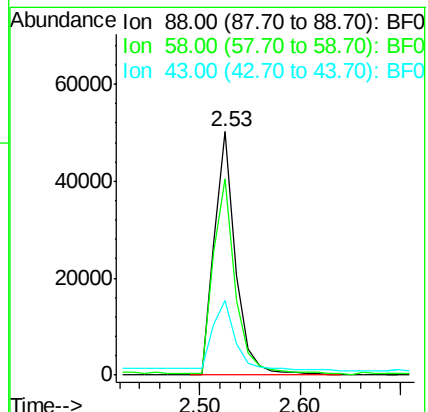
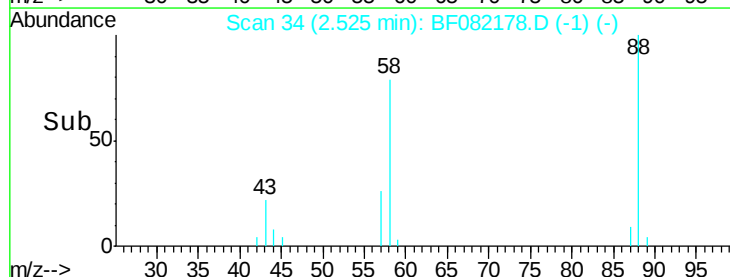
43 31.6 23.0 34.4

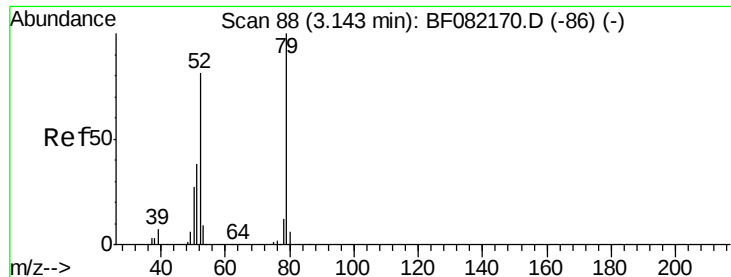


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.39 ng

RT: 3.23 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF082178.D

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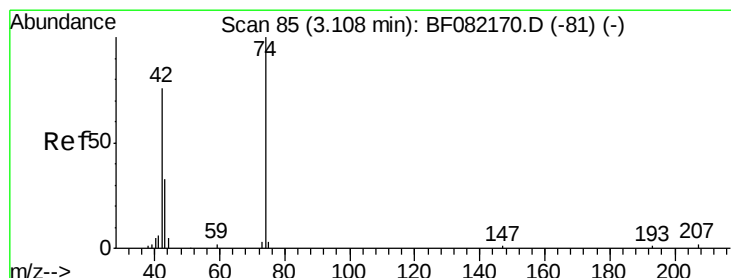
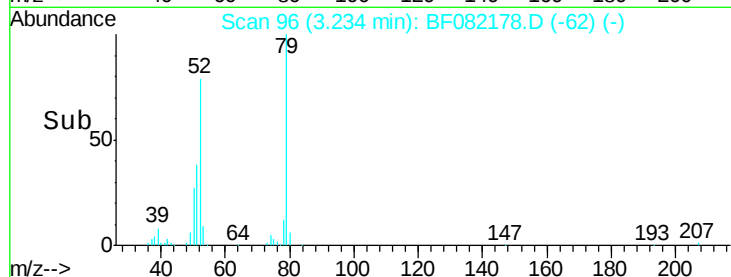
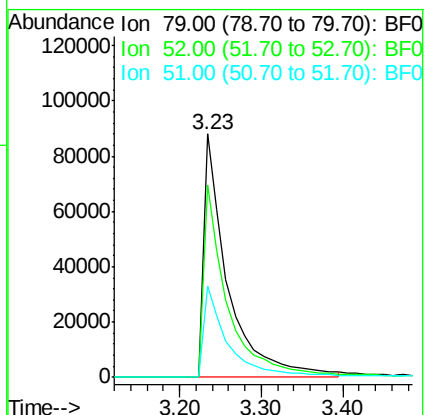
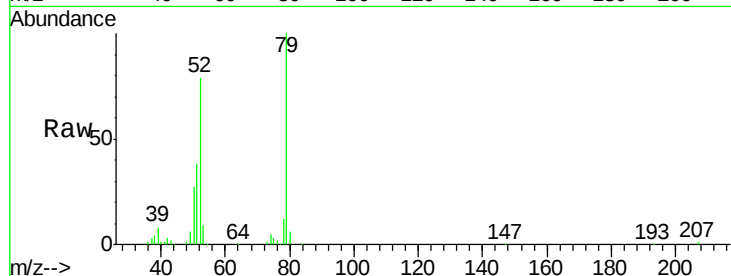
Tgt Ion: 79 Resp: 182192

Ion Ratio Lower Upper

79 100

52 79.2 64.4 96.6

51 37.5 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 38.01 ng

RT: 3.20 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

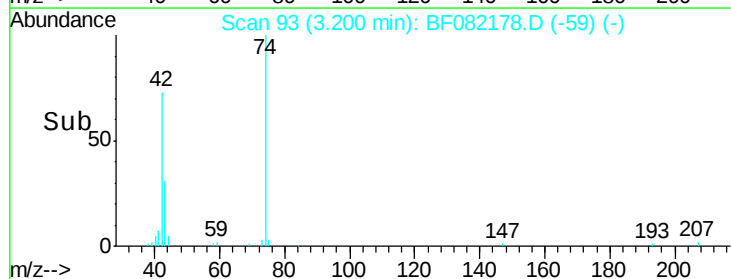
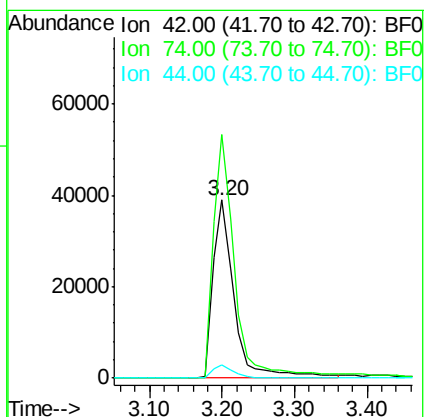
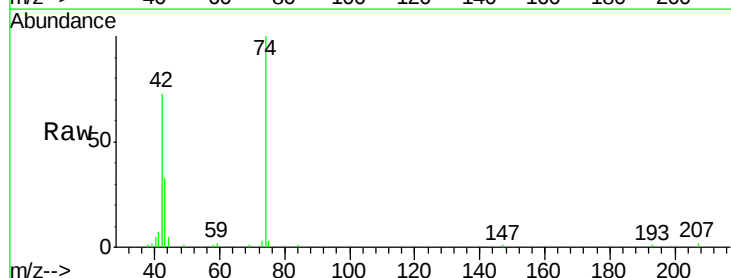
Tgt Ion: 42 Resp: 78559

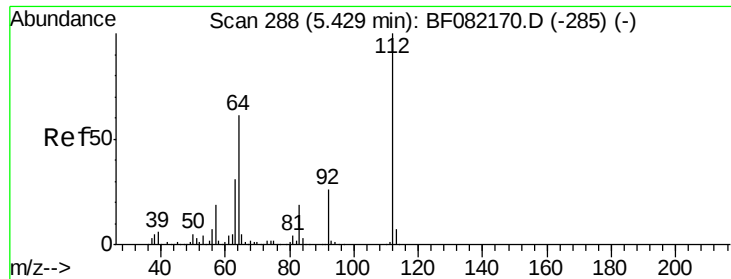
Ion Ratio Lower Upper

42 100

74 137.0 105.7 158.5

44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 128.98 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

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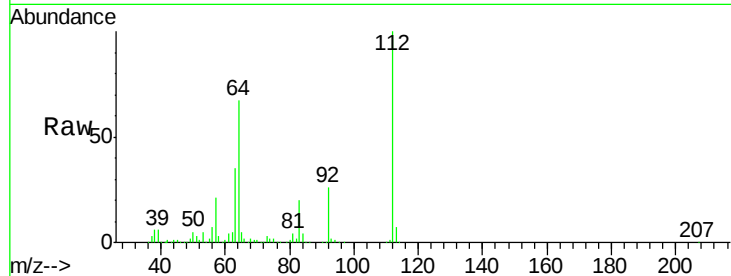
Tgt Ion: 112 Resp: 537825

Ion Ratio Lower Upper

112 100

64 67.2 48.6 73.0

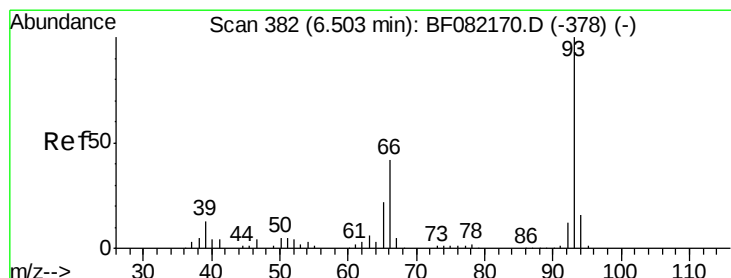
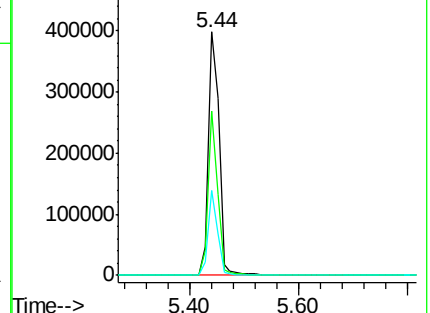
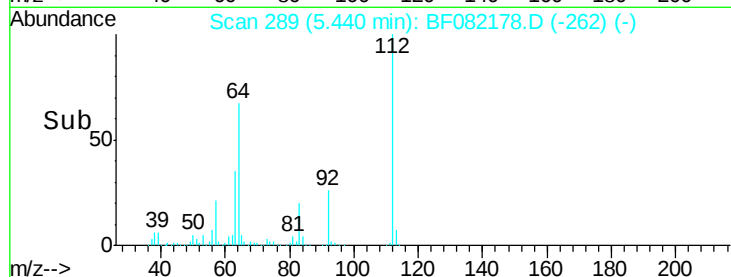
63 34.9 25.1 37.7



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: 22.33 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

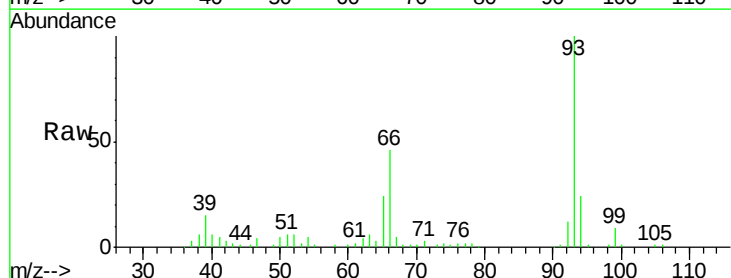
Tgt Ion: 93 Resp: 156213

Ion Ratio Lower Upper

93 100

66 45.6 34.2 51.2

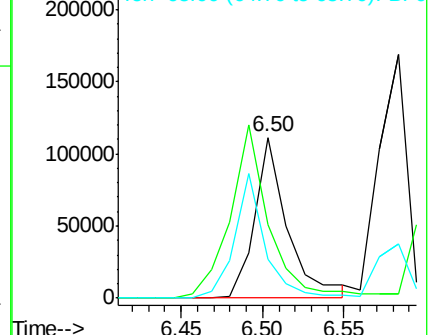
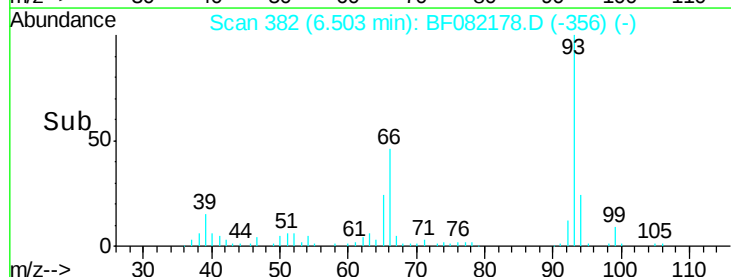
65 23.9 17.9 26.9

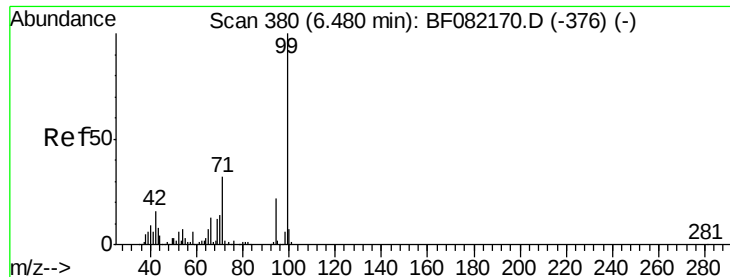


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.11 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

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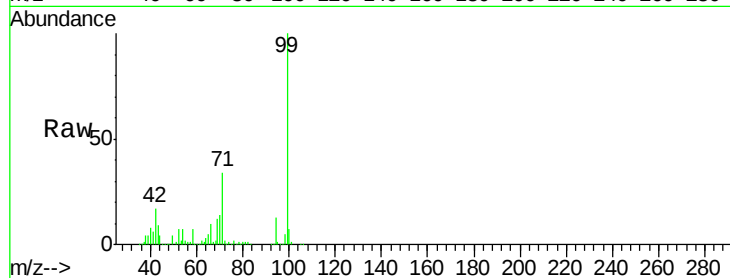
Tgt Ion: 99 Resp: 711443

Ion Ratio Lower Upper

99 100

42 17.1 13.2 19.8

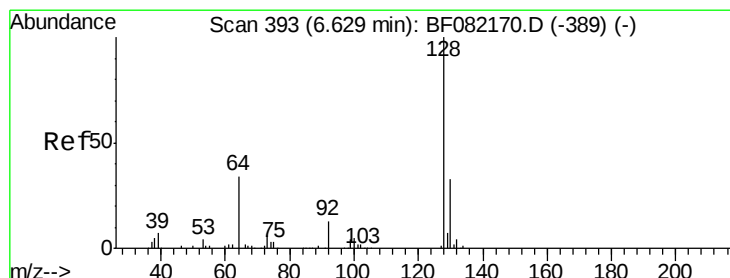
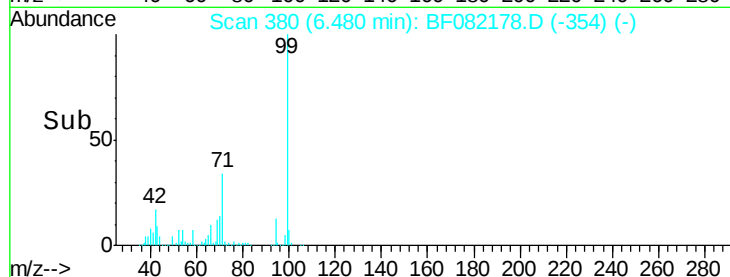
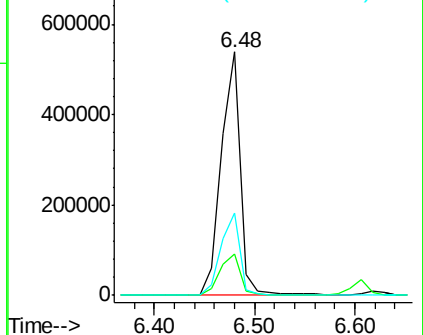
71 33.6 25.6 38.4



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: 40.70 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

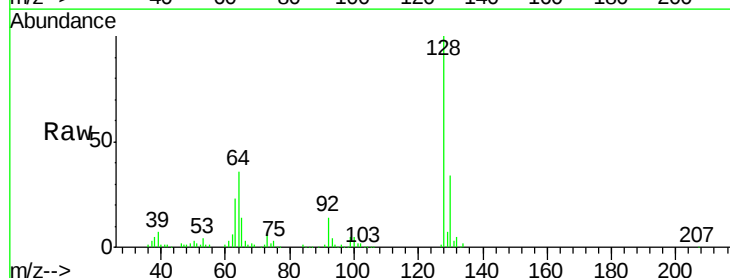
Tgt Ion: 128 Resp: 207162

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

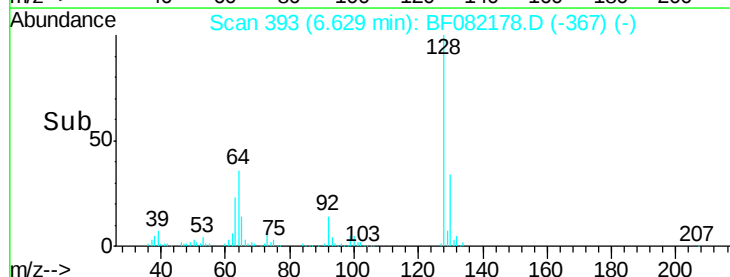
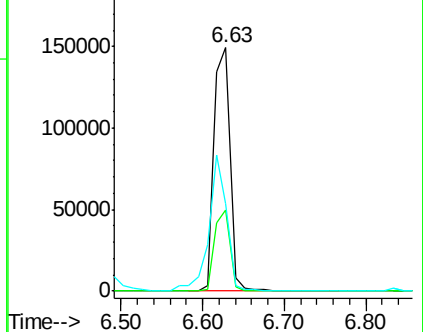
64 35.7 16.7 56.7

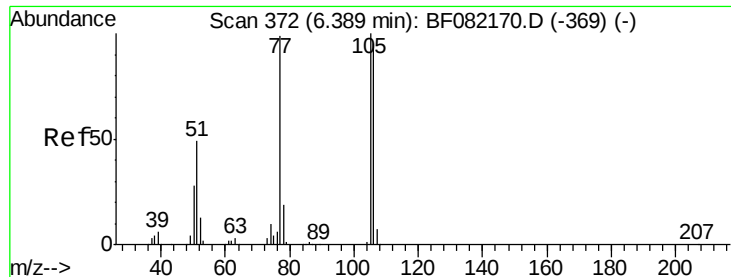


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.24 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

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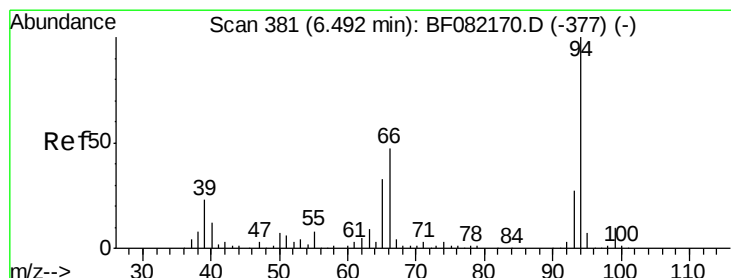
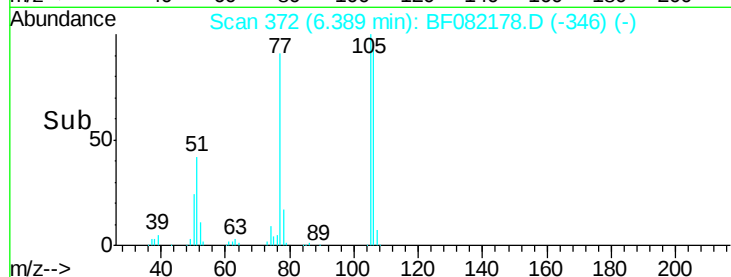
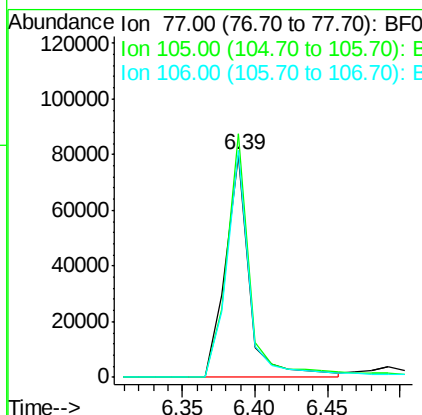
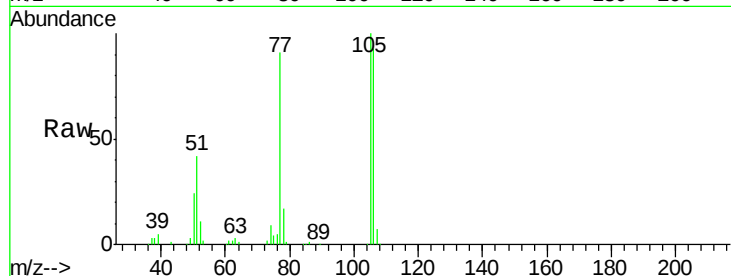
Tgt Ion: 77 Resp: 92103

Ion Ratio Lower Upper

77 100

105 109.6 80.6 120.6

106 102.0 75.5 115.5



#10

Phenol

Concen: 44.57 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

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Acq: 10 Oct 2015 16:06

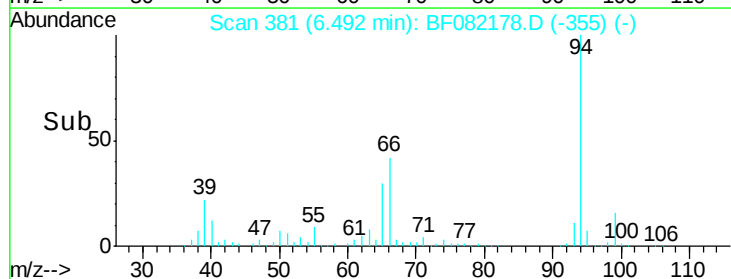
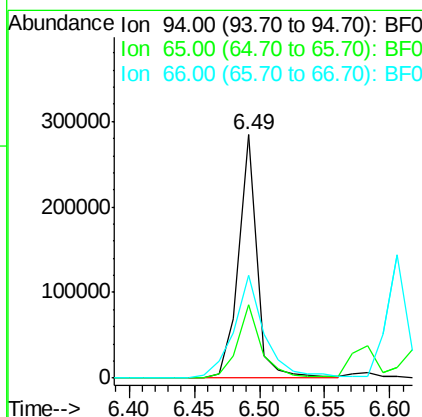
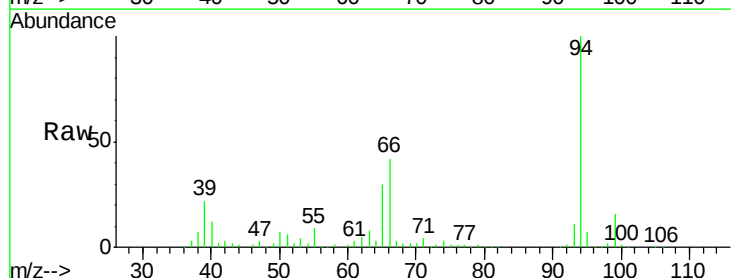
Tgt Ion: 94 Resp: 278855

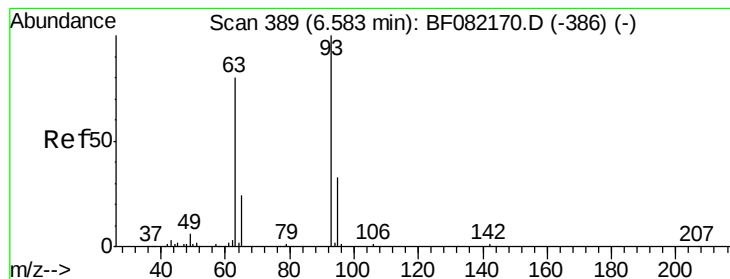
Ion Ratio Lower Upper

94 100

65 30.3 12.6 52.6

66 42.2 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 41.14 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

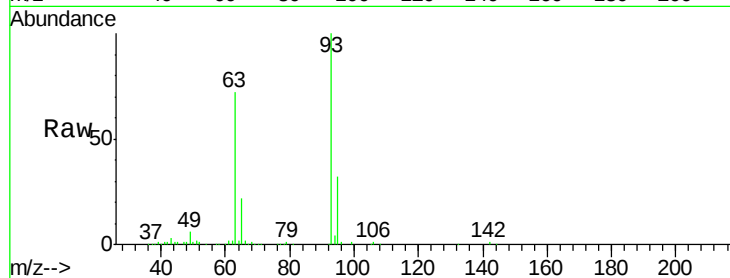
Tgt Ion: 93 Resp: 217678

Ion Ratio Lower Upper

93 100

63 71.9 57.1 97.1

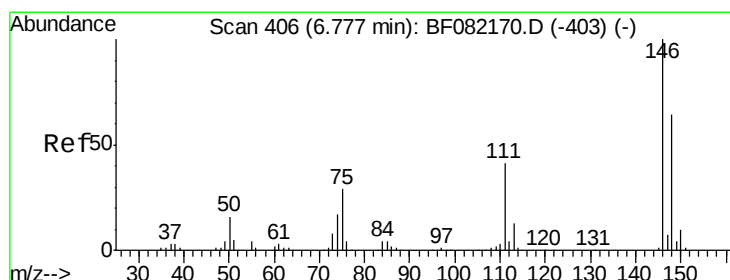
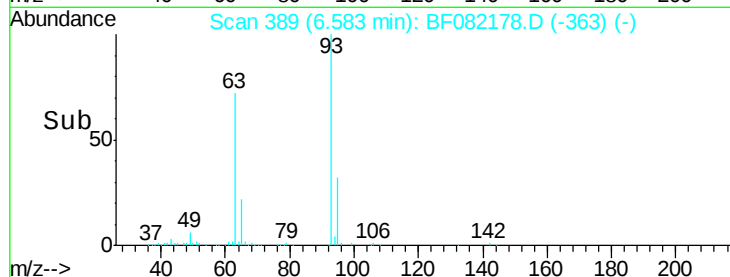
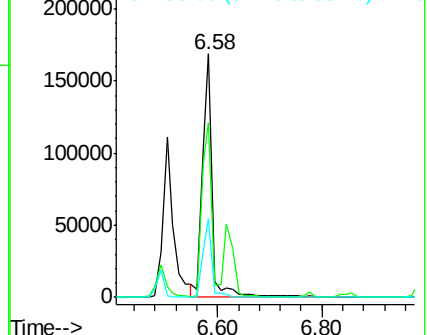
95 32.0 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.83 ng

RT: 6.78 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

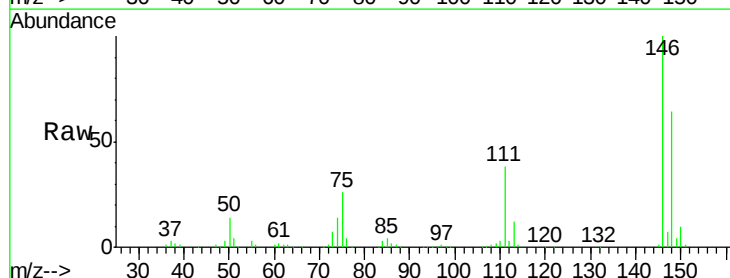
Tgt Ion: 146 Resp: 242051

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

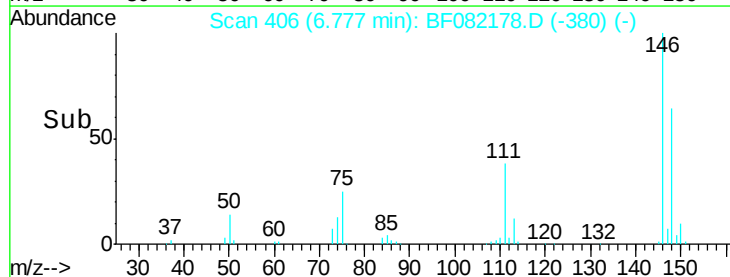
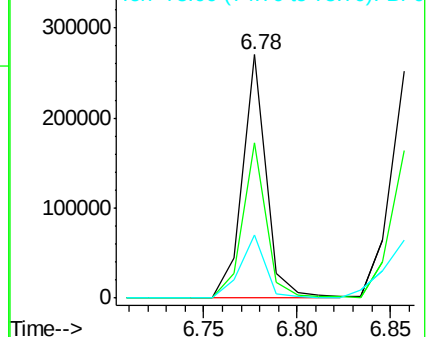
75 25.7 23.0 34.6

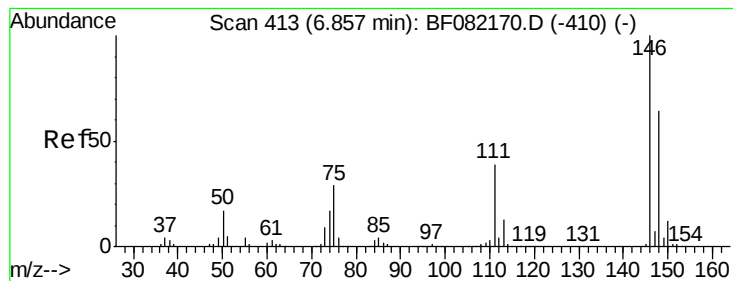


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.06 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

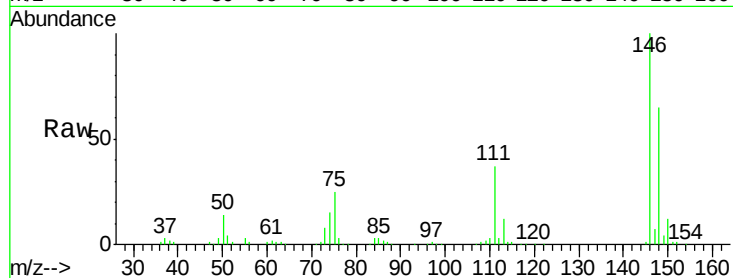
Tgt Ion:146 Resp: 248007

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

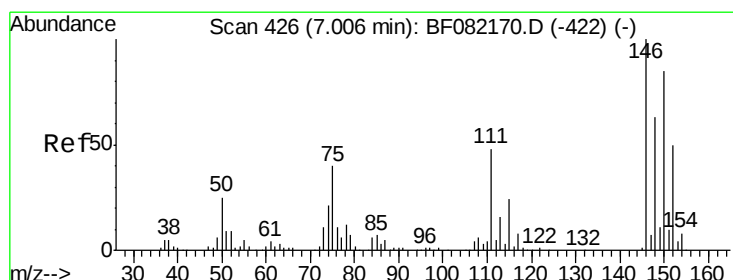
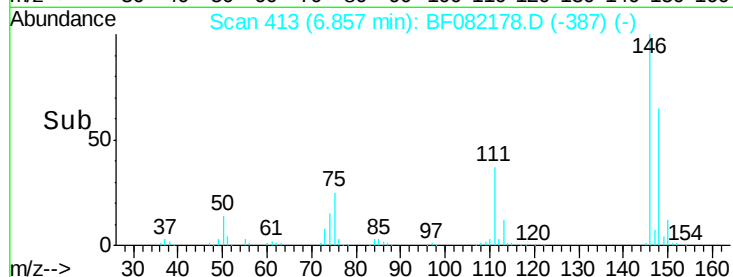
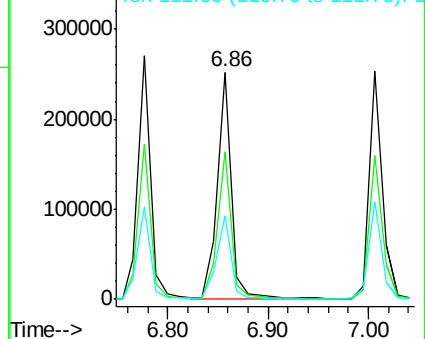
111 36.7 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.35 ng

RT: 7.01 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

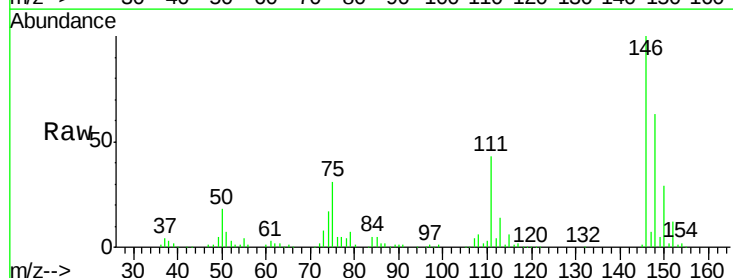
Tgt Ion:146 Resp: 237231

Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

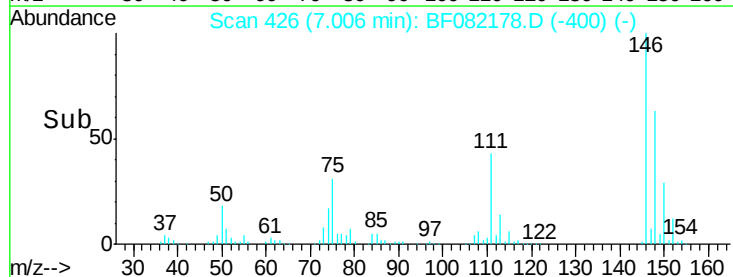
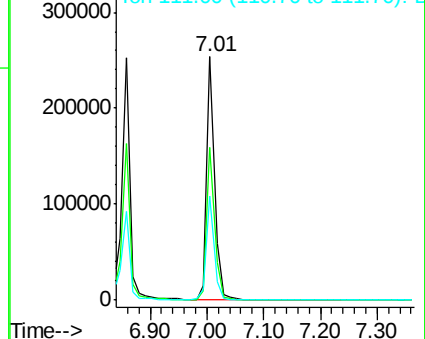
111 42.8 38.5 57.7

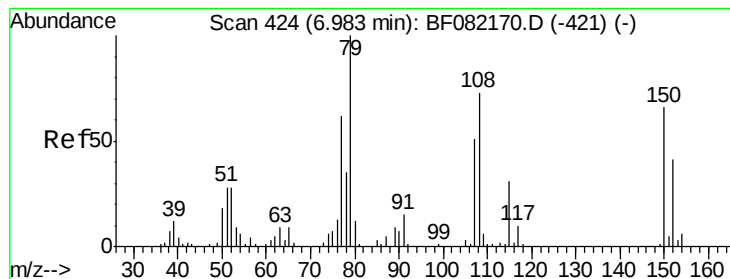


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.49 ng

RT: 6.98 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

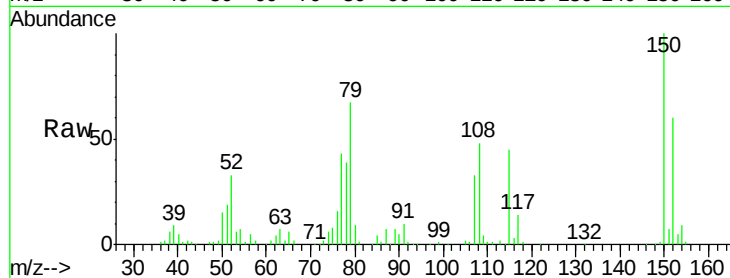
Tgt Ion: 79 Resp: 159156

Ion Ratio Lower Upper

79 100

108 71.9 58.4 87.6

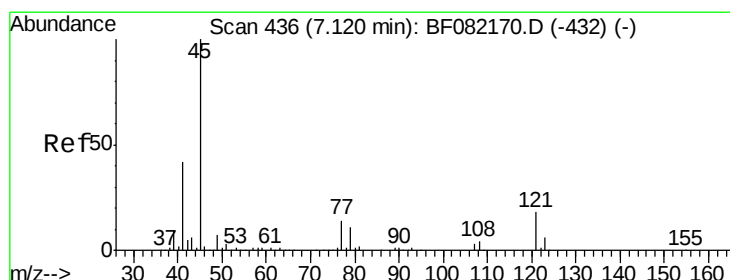
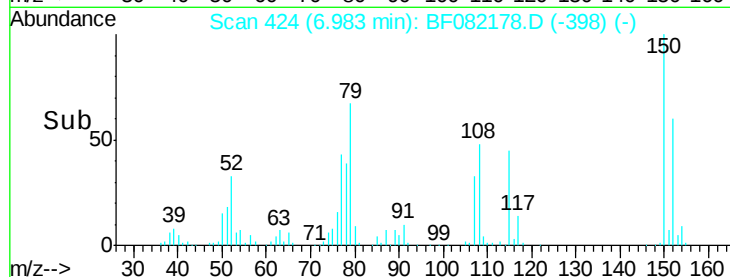
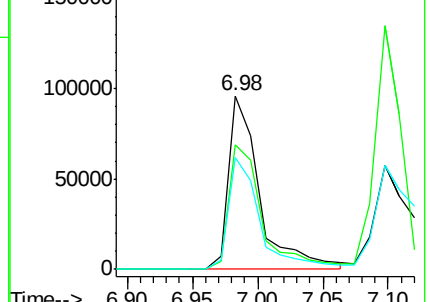
77 64.1 49.8 74.6



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: 40.13 ng

RT: 7.12 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

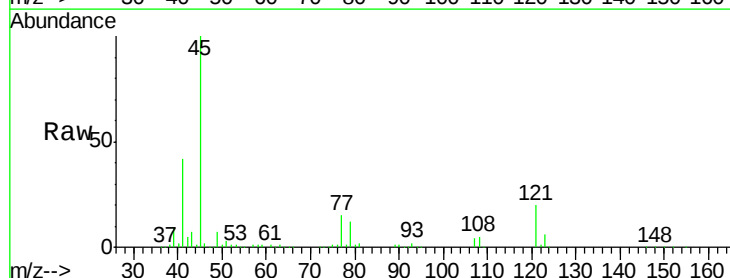
Tgt Ion: 45 Resp: 295683

Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.5

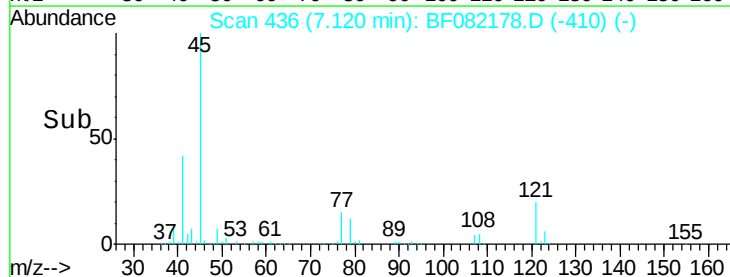
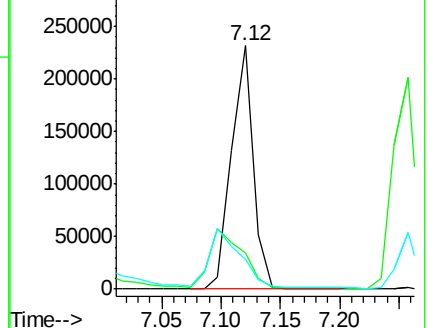
79 12.3 0.0 31.6

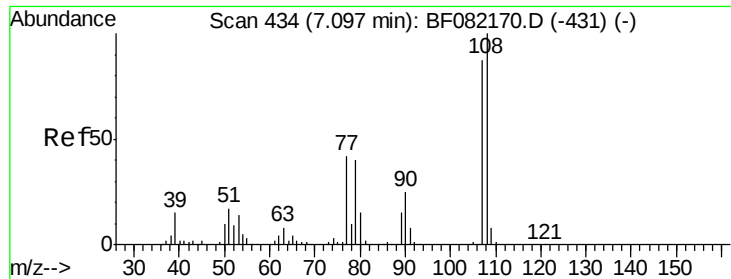


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

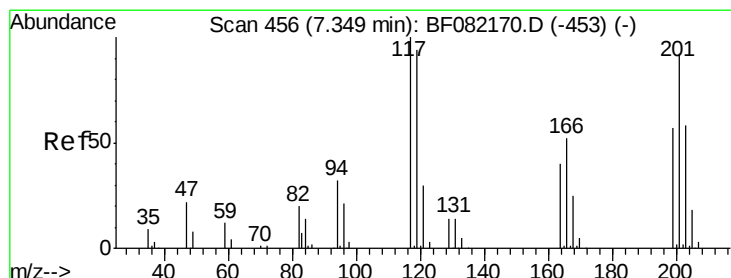
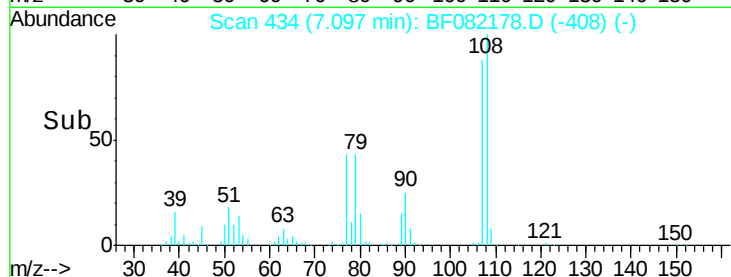
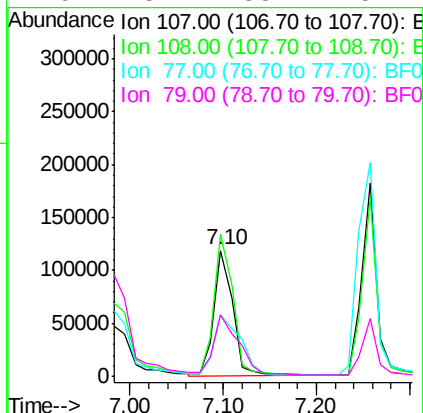
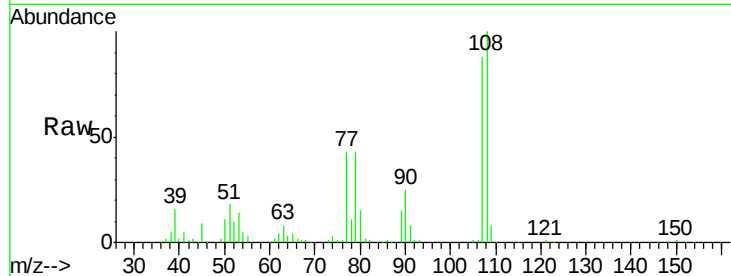




#17
2-Methylphenol
Concen: 41.50 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

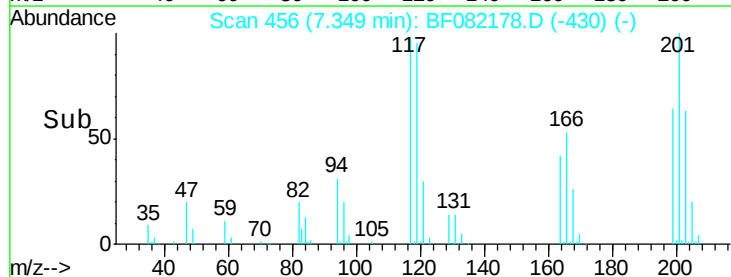
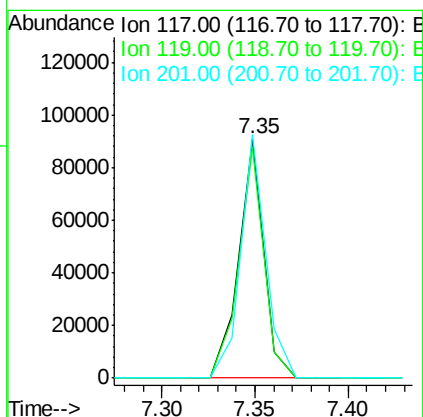
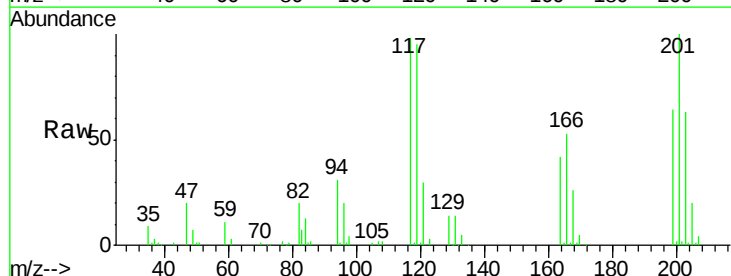
Instrument :
BNA_F
ClientSampleId :
PB86017BS

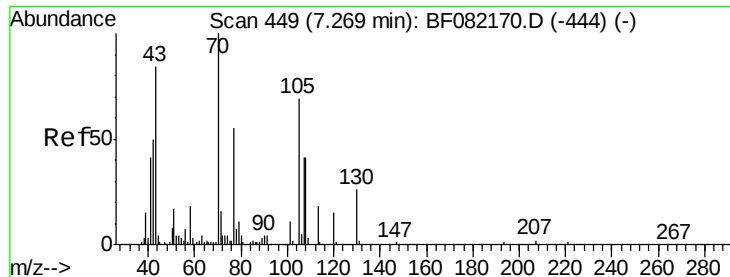
Tgt Ion:	107	Resp:	167055
Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.2	138.2
77	48.6	39.6	59.4
79	48.7	38.2	57.4



#18
Hexachloroethane
Concen: 40.43 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion:	117	Resp:	85679
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.2
201	102.0	73.4	110.0

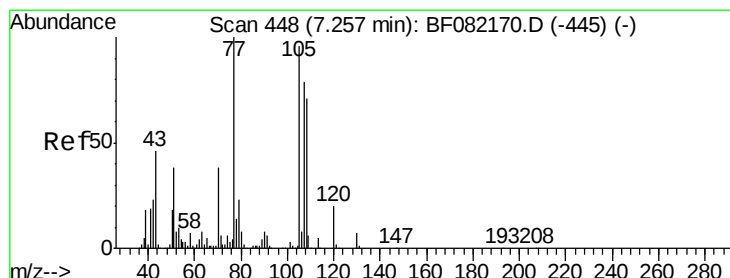
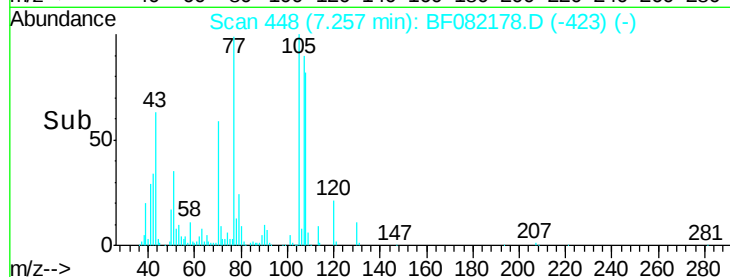
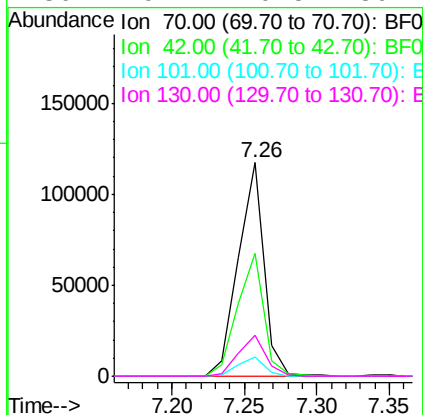
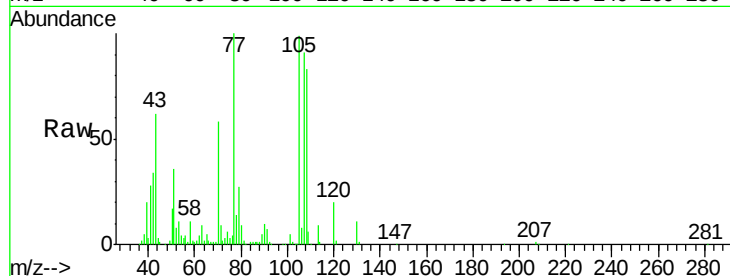




#19
n-Nitroso-di-n-propylamine
Concen: 37.81 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

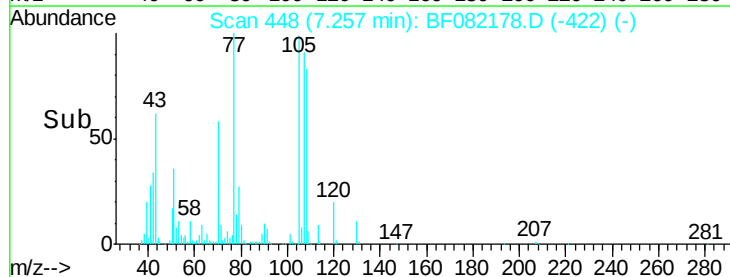
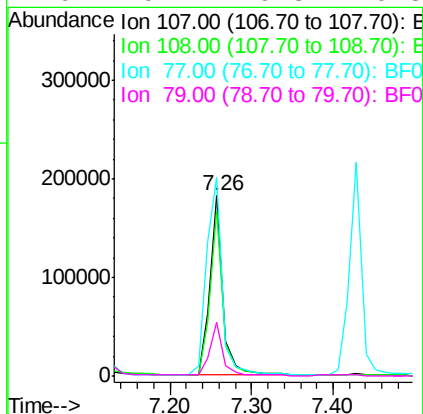
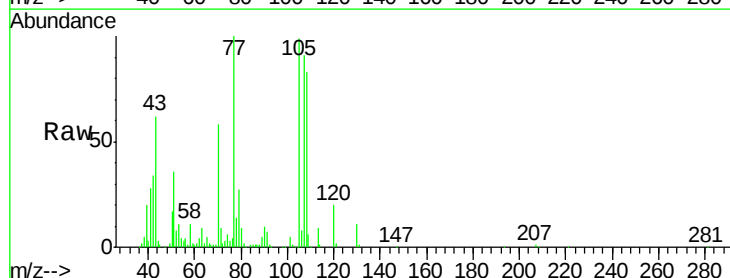
Instrument :
BNA_F
ClientSampleId :
PB86017BS

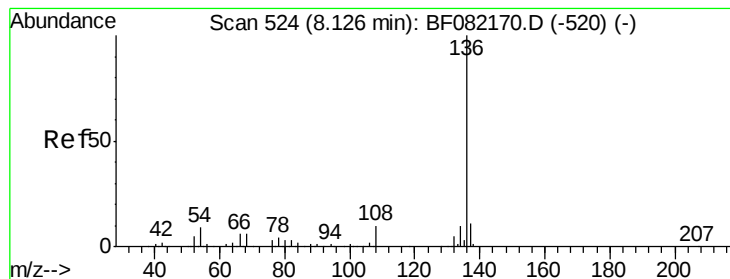
Tgt Ion: 70 Resp: 144105
Ion Ratio Lower Upper
70 100
42 57.7 39.8 59.8
101 9.1 8.6 13.0
130 19.2 20.5 30.7#



#20
3+4-Methylphenols
Concen: 43.40 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion: 107 Resp: 208203
Ion Ratio Lower Upper
107 100
108 91.9 69.9 109.9
77 110.4 106.0 146.0
79 29.7 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: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

Tgt Ion:136 Resp: 340331

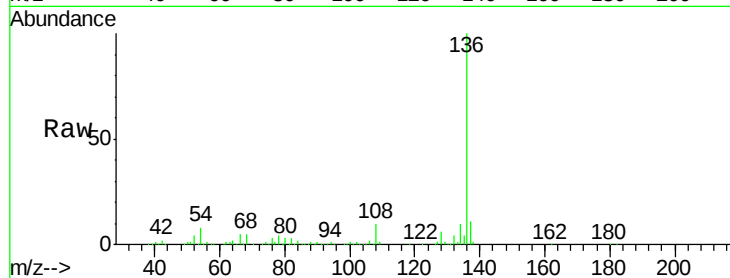
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.1 7.5 11.3

68 5.4 4.6 7.0

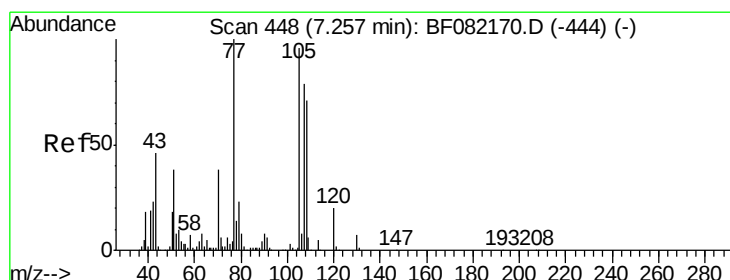
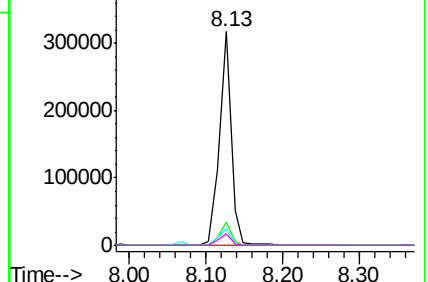
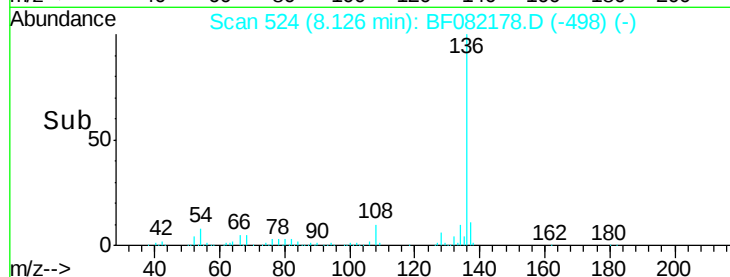


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.93 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Tgt Ion:105 Resp: 282272

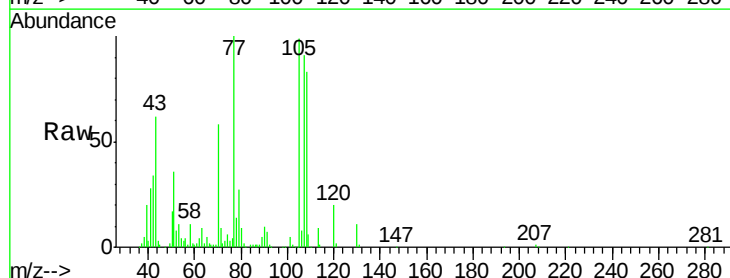
Ion Ratio Lower Upper

105 100

71 9.4 5.4 8.0#

51 36.2 31.8 47.6

120 20.6 16.3 24.5

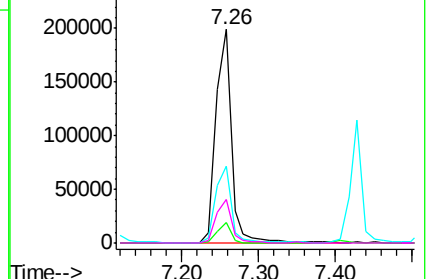
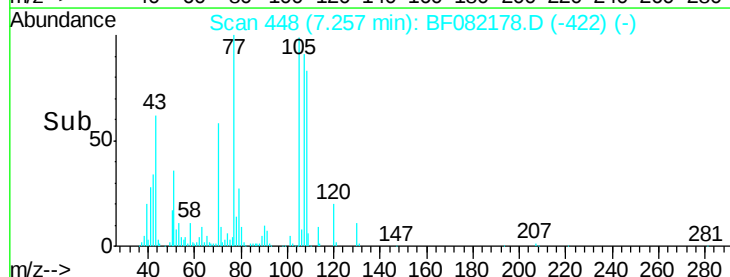


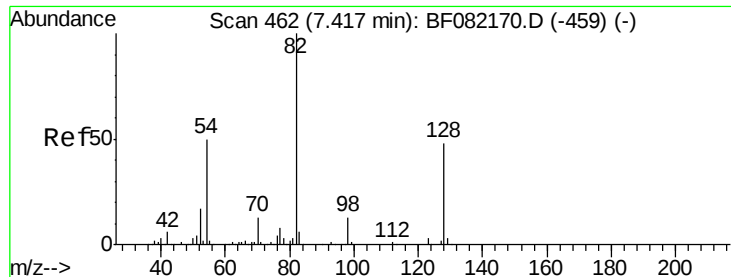
Abundance Ion 105.00 (104.70 to 105.70): E

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

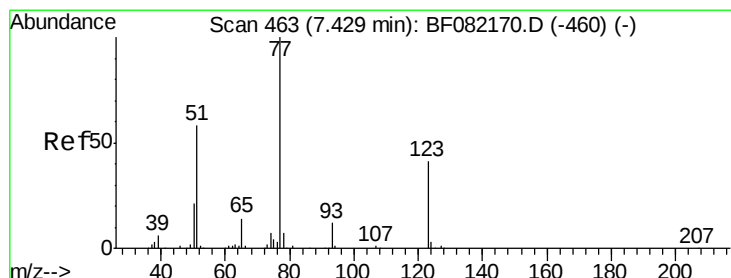
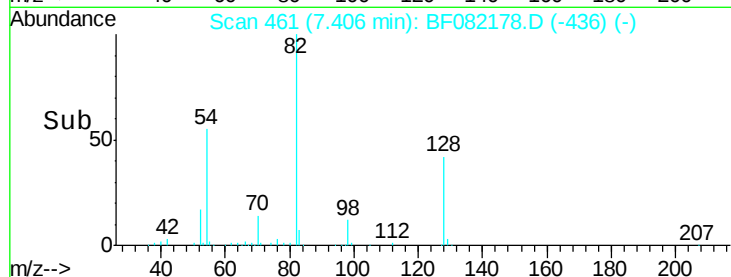
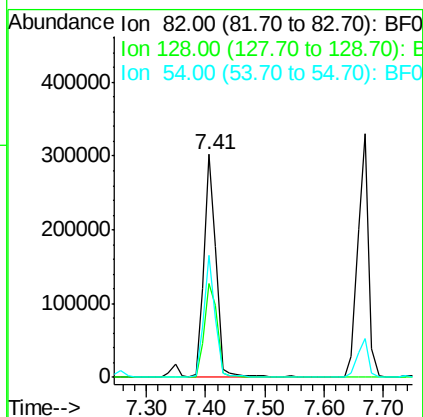
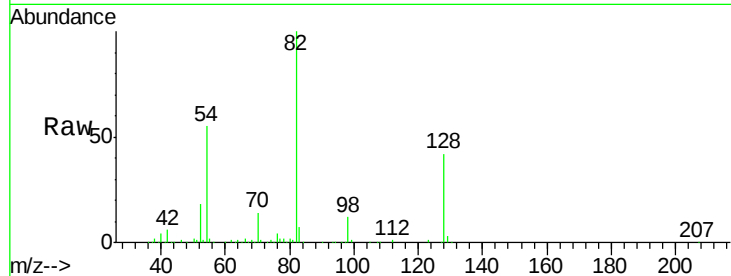




#23
 Nitrobenzene-d5
 Concen: 86.91 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

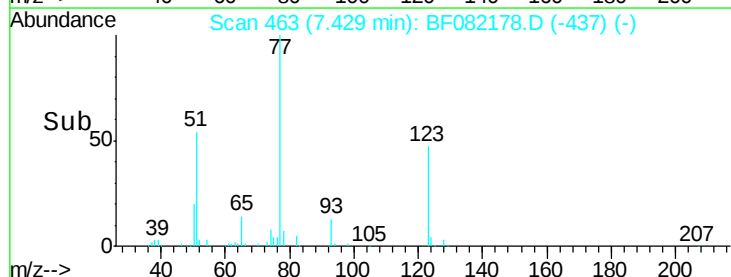
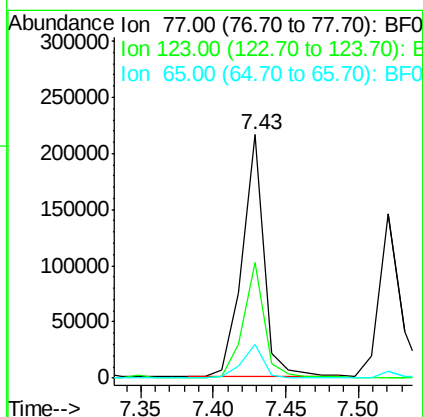
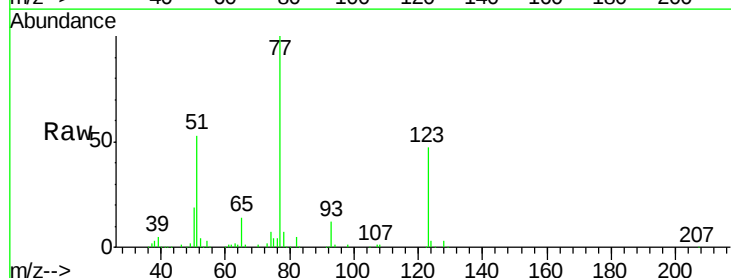
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

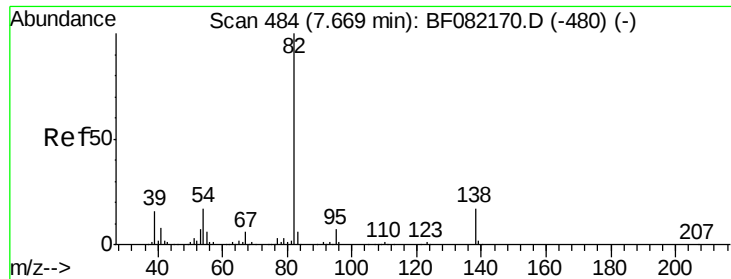
Tgt Ion: 82 Resp: 440451
 Ion Ratio Lower Upper
 82 100
 128 42.3 38.7 58.1
 54 54.7 40.1 60.1



#24
 Nitrobenzene
 Concen: 41.22 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion: 77 Resp: 226106
 Ion Ratio Lower Upper
 77 100
 123 47.4 33.0 49.4
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 40.13 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

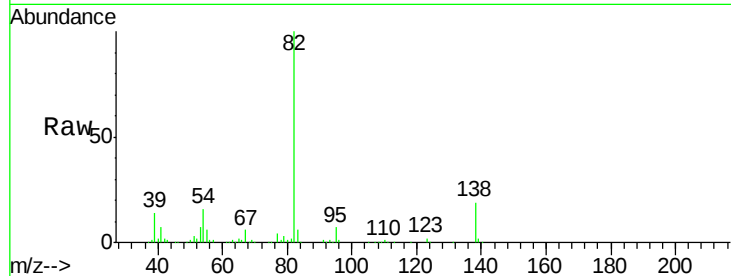
Tgt Ion: 82 Resp: 410505

Ion Ratio Lower Upper

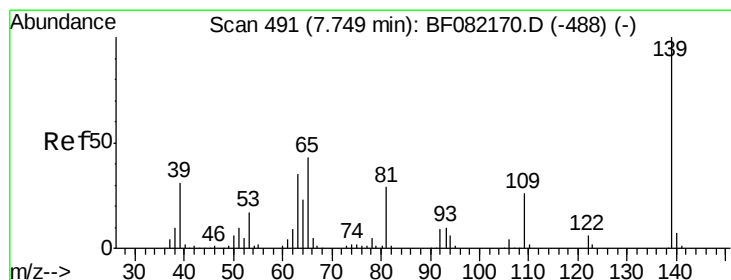
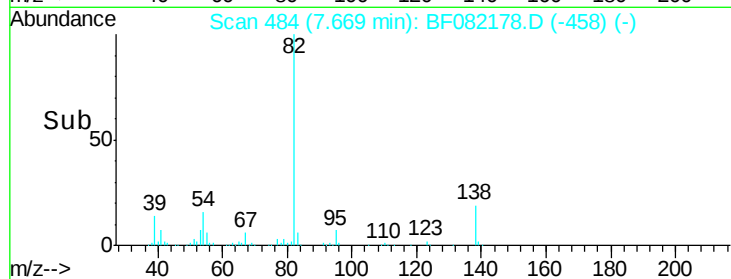
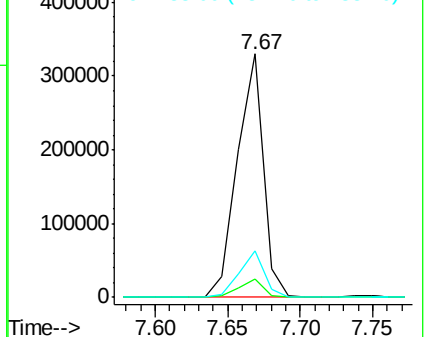
82 100

95 7.3 5.6 8.4

138 19.3 13.6 20.4



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



#26

2-Nitrophenol

Concen: 42.63 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

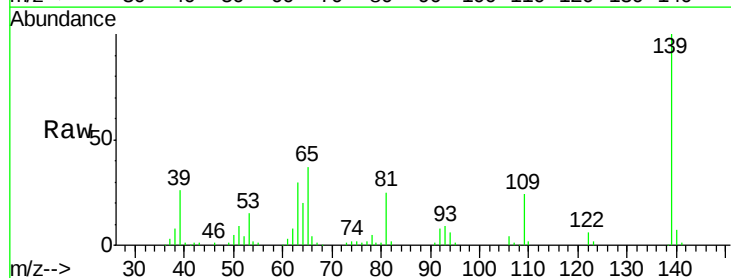
Tgt Ion: 139 Resp: 116764

Ion Ratio Lower Upper

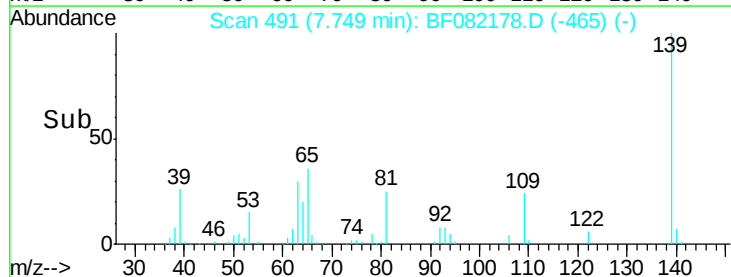
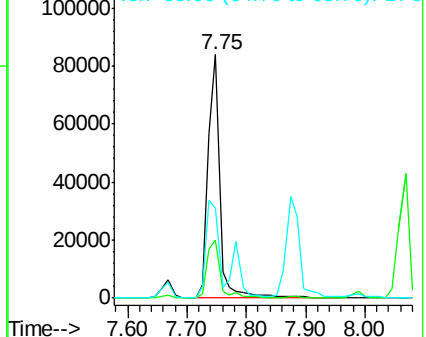
139 100

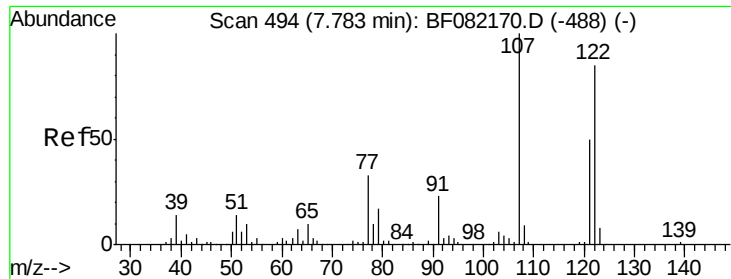
109 23.9 20.6 31.0

65 37.0 34.3 51.5



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

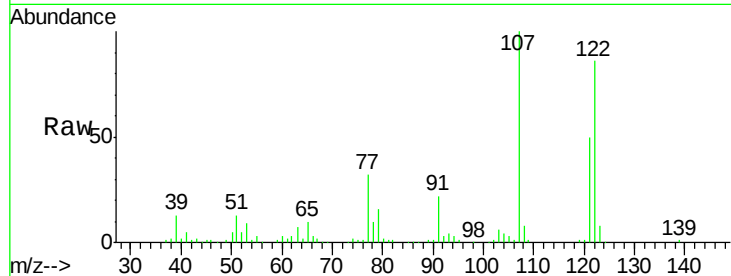




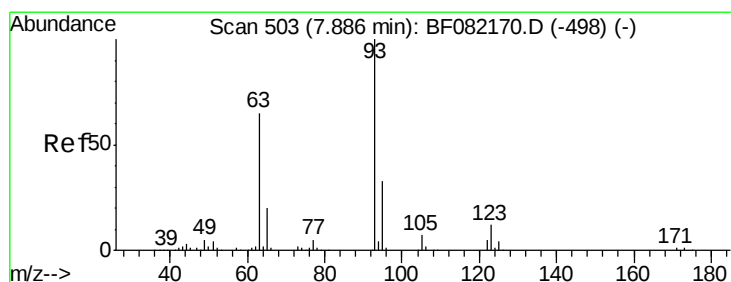
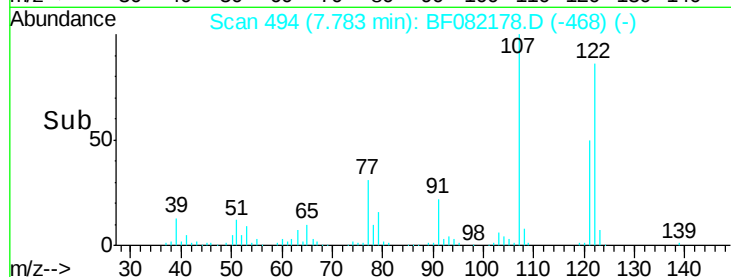
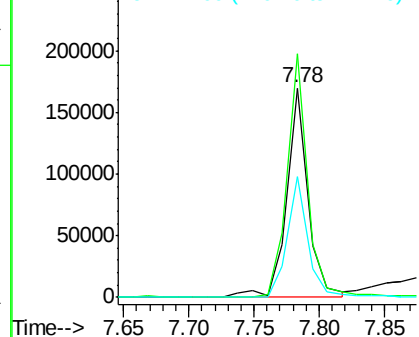
#27
 2,4-Dimethylphenol
 Concen: 43.04 ng
 RT: 7.78 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

Tgt Ion:122 Resp: 189912
 Ion Ratio Lower Upper
 122 100
 107 116.1 94.0 141.0
 121 57.5 46.8 70.2

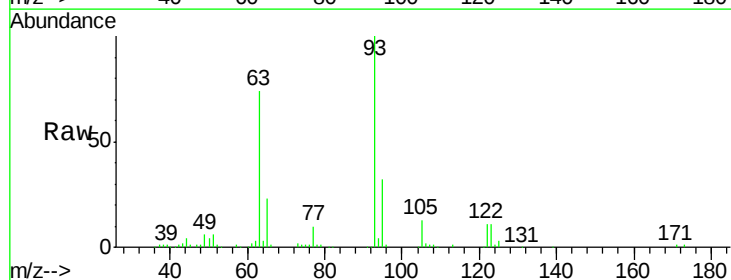


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

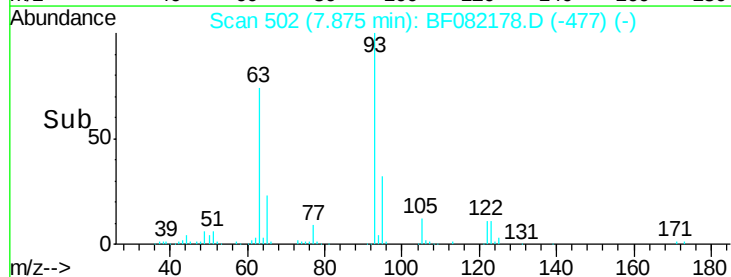
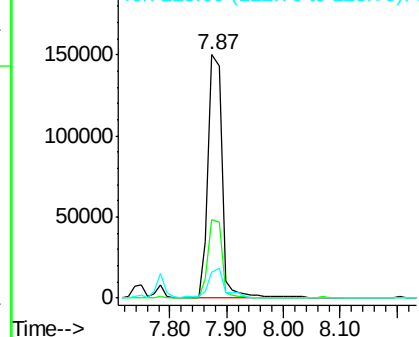


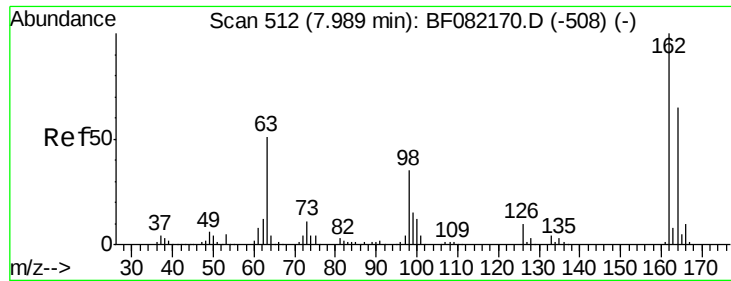
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.90 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion: 93 Resp: 249383
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 39.8
 123 10.6 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

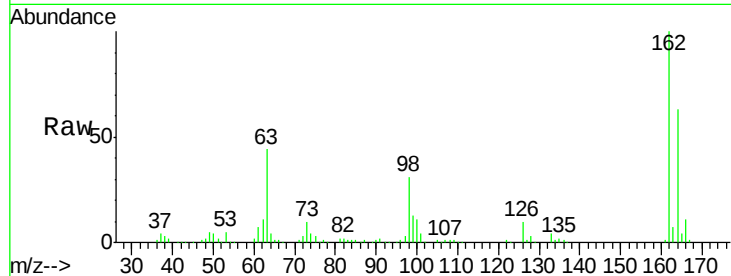




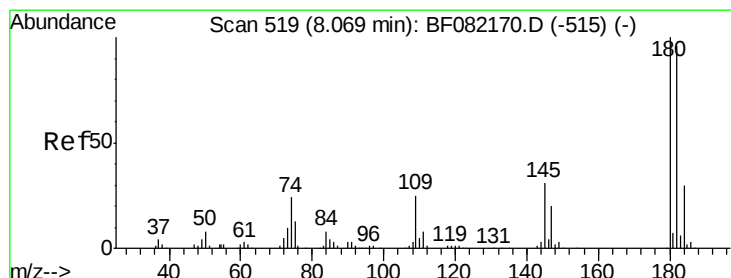
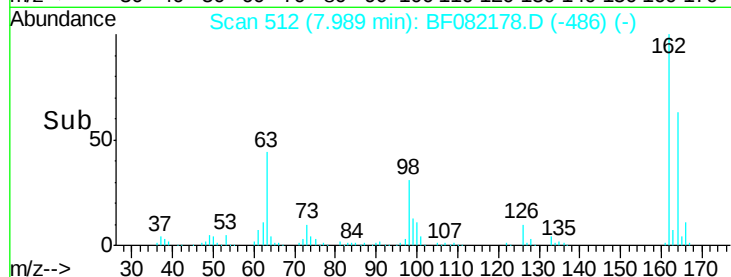
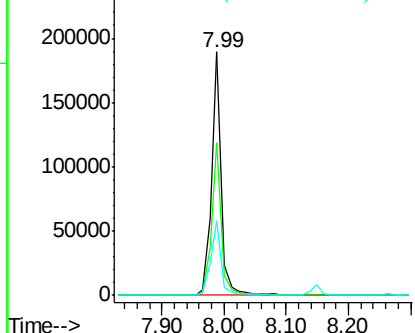
#29
 2,4-Dichlorophenol
 Concen: 46.56 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	30.8	15.0	55.0

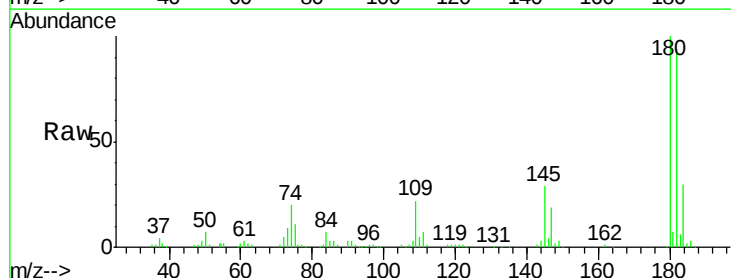


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

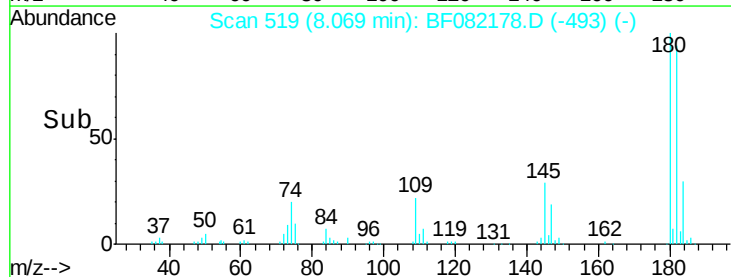
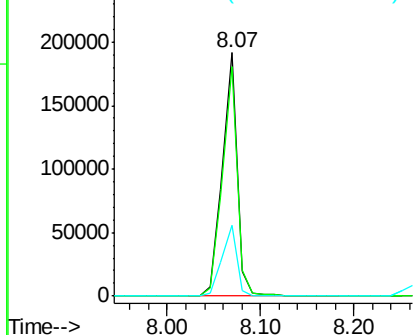


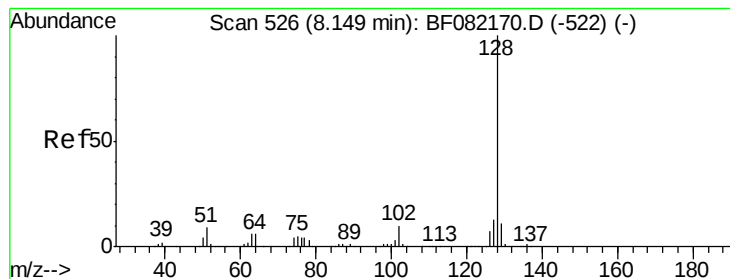
#30
 1,2,4-Trichlorobenzene
 Concen: 41.79 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.4
145	29.1	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: 43.17 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

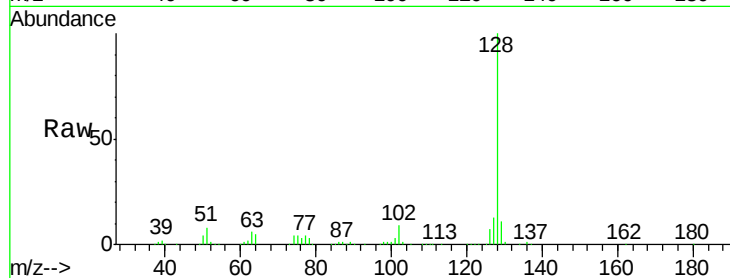
Tgt Ion:128 Resp: 636813

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

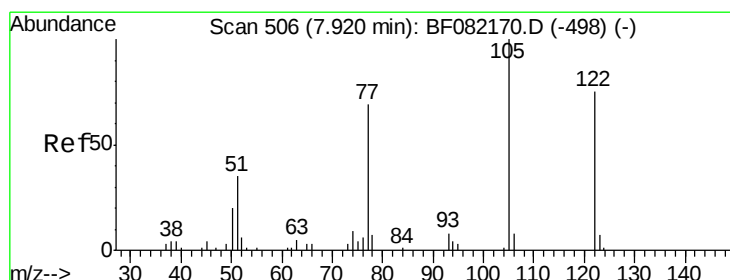
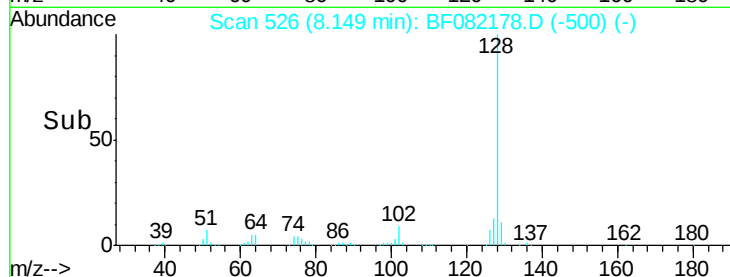
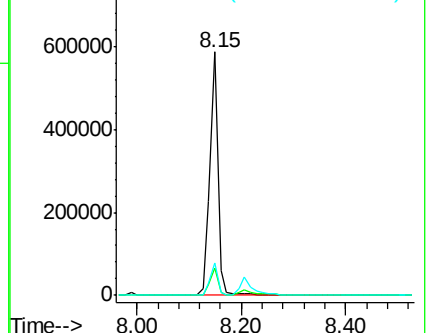
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.14 ng

RT: 7.92 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

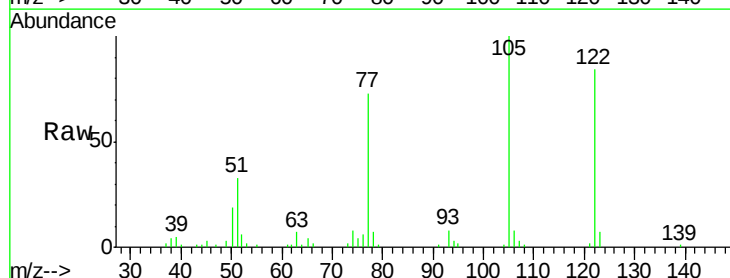
Tgt Ion:122 Resp: 124797

Ion Ratio Lower Upper

122 100

105 119.5 104.4 144.4

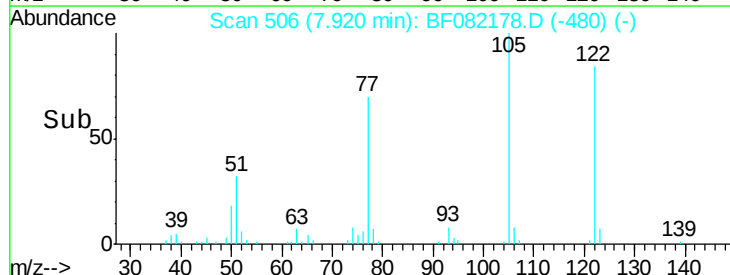
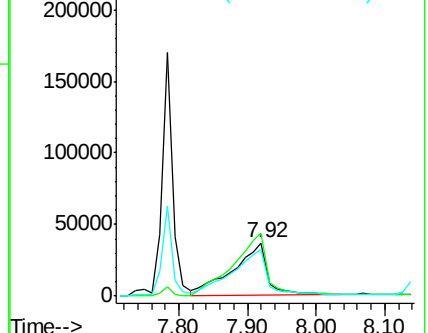
77 86.9 69.0 109.0

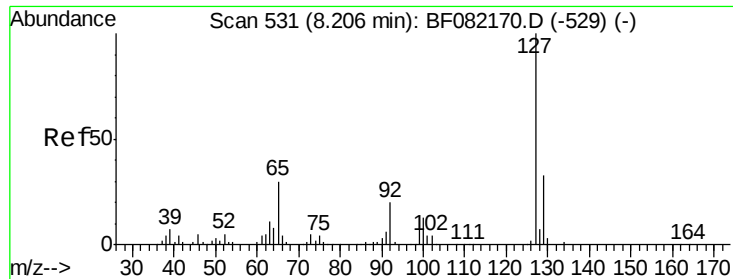


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

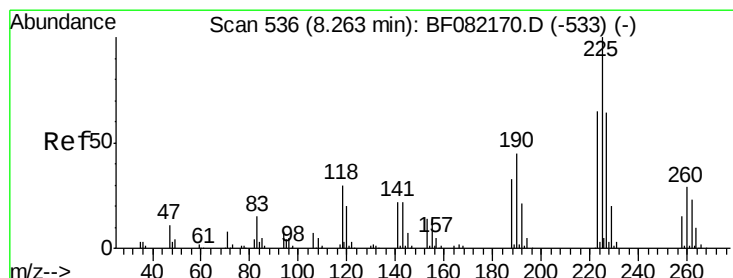
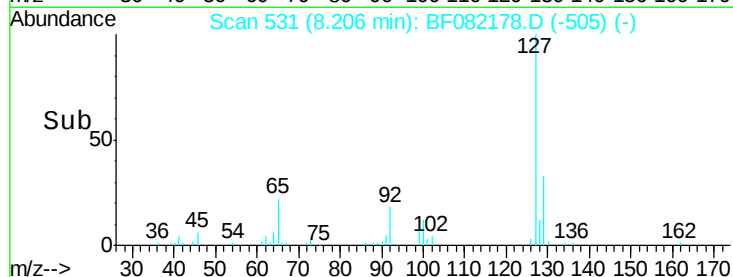
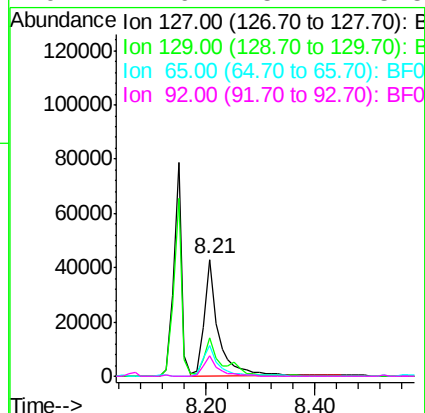
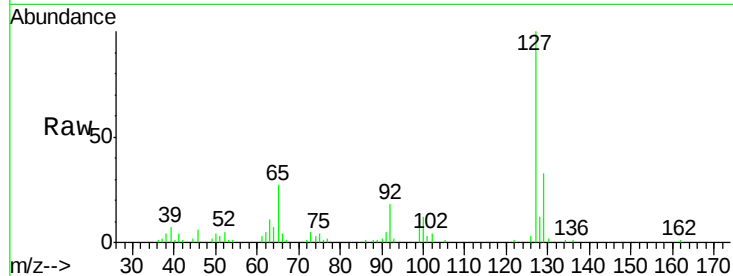




#33
4-Chloroaniline
Concen: 12.64 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

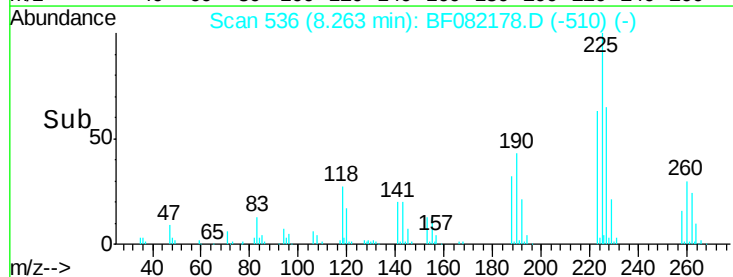
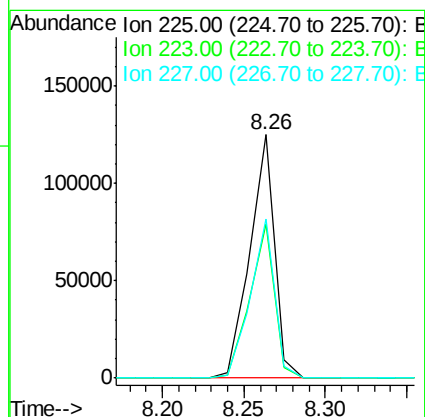
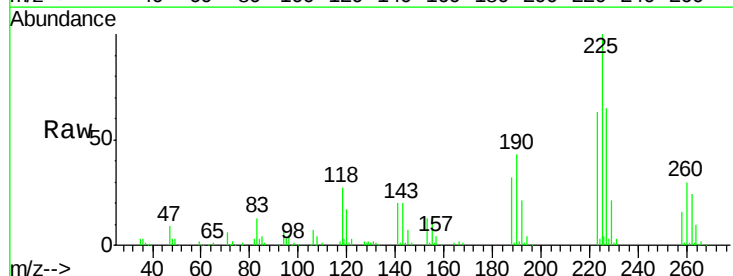
Instrument :
BNA_F
ClientSampleId :
PB86017BS

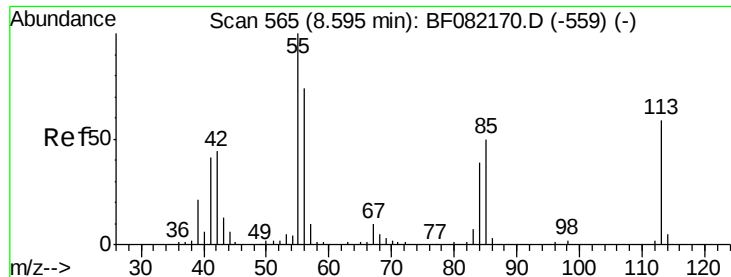
Tgt Ion:	127	Resp:	77423
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	26.8	24.4	36.6
92	17.6	15.7	23.5



#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion:	225	Resp:	130936
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.2	78.2
227	65.3	51.3	76.9





#35

Caprolactam

Concen: 30.38 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

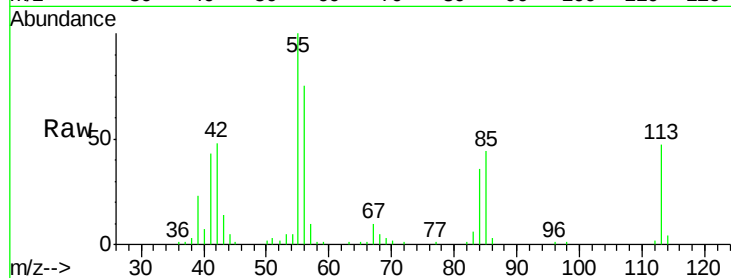
Tgt Ion:113 Resp: 38899

Ion Ratio Lower Upper

113 100

55 213.6 149.7 189.7#

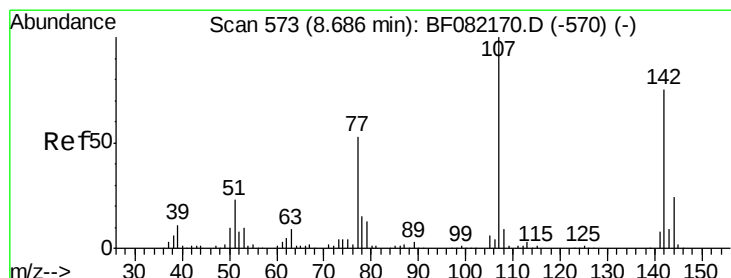
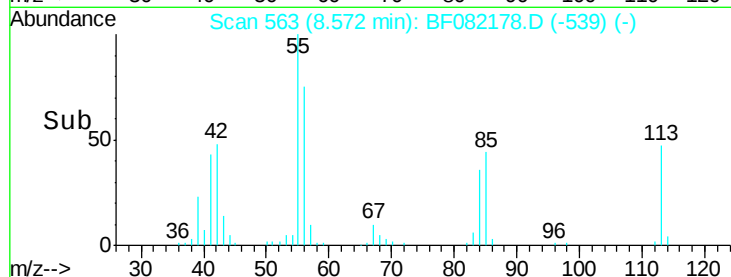
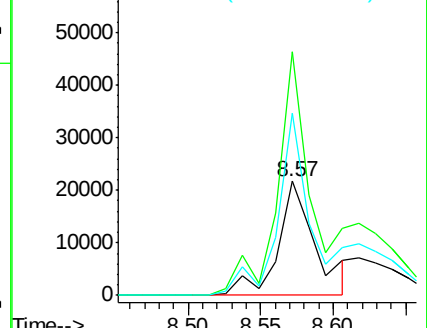
56 159.9 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.77 ng

RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

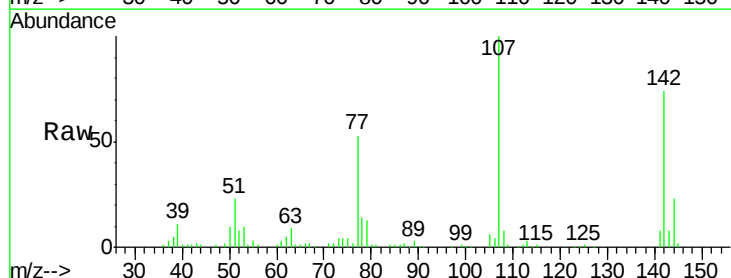
Tgt Ion:107 Resp: 193119

Ion Ratio Lower Upper

107 100

144 23.5 19.3 28.9

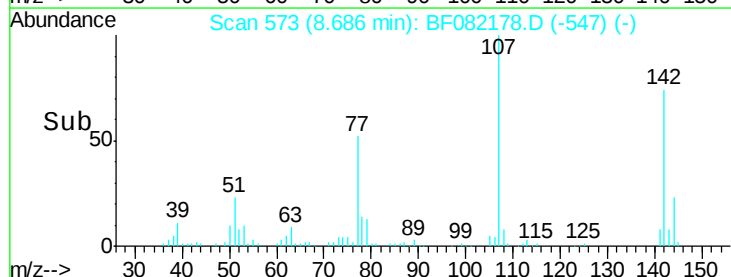
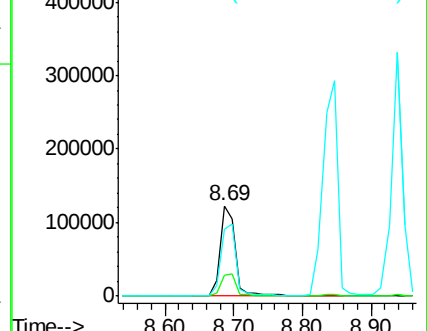
142 74.1 59.9 89.9

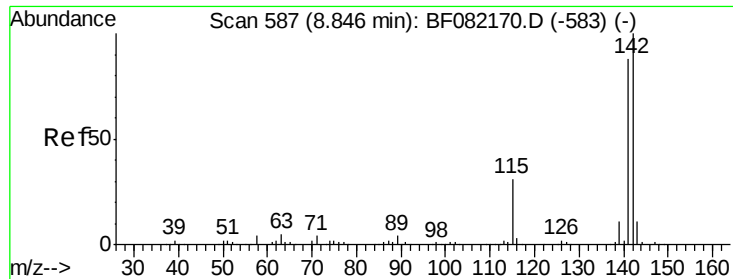


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.95 ng

RT: 8.85 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

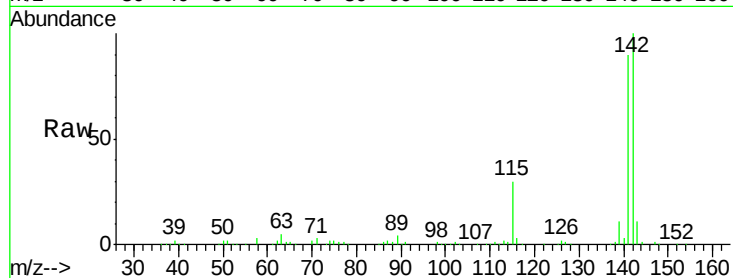
Tgt Ion:142 Resp: 429035

Ion Ratio Lower Upper

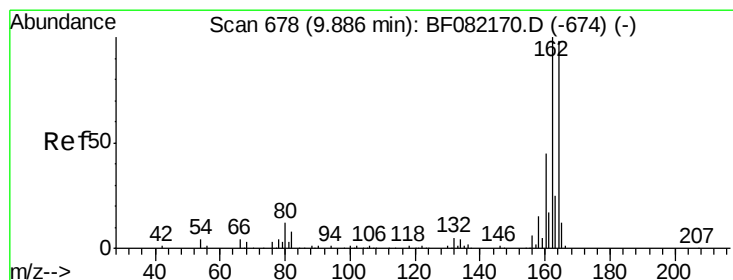
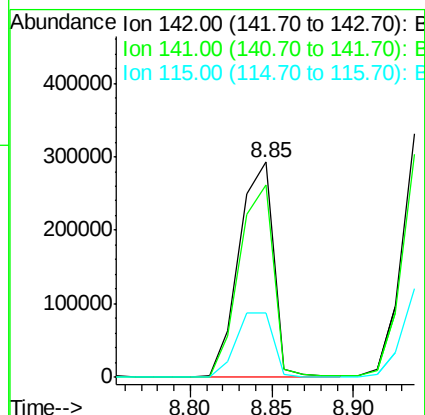
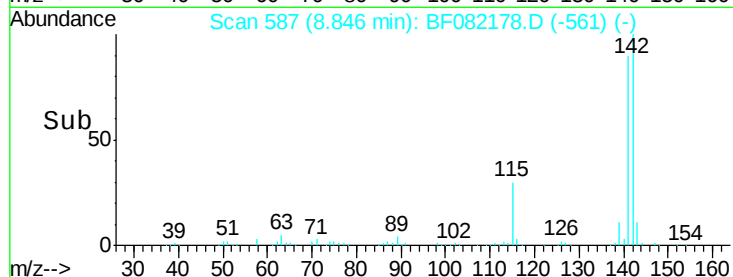
142 100

141 89.7 70.4 105.6

115 30.0 24.6 37.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

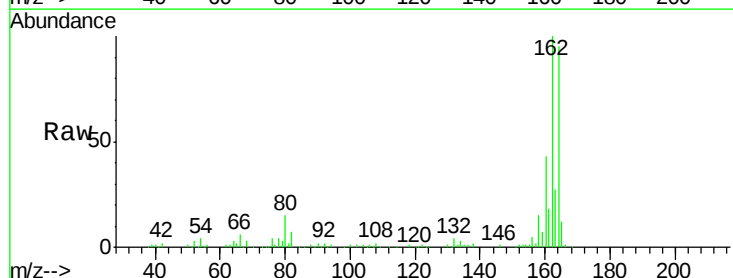
Tgt Ion:164 Resp: 171413

Ion Ratio Lower Upper

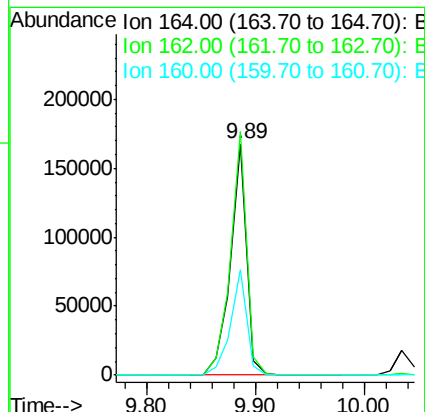
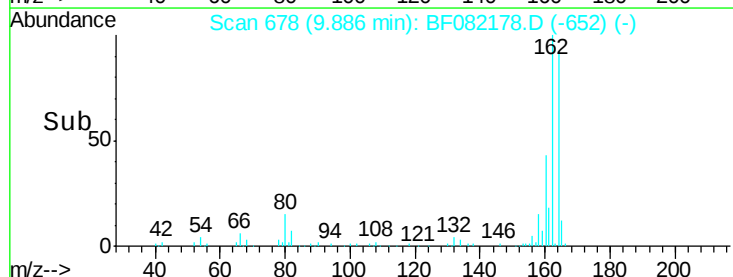
164 100

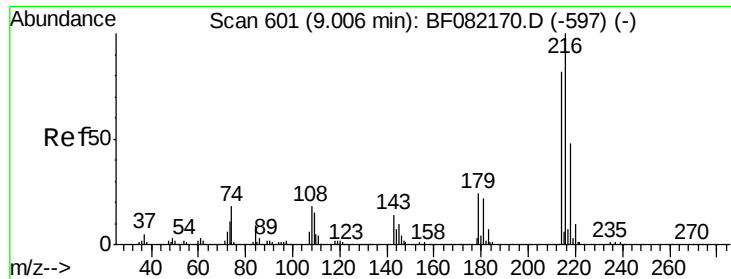
162 105.3 81.6 122.4

160 45.3 36.4 54.6



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

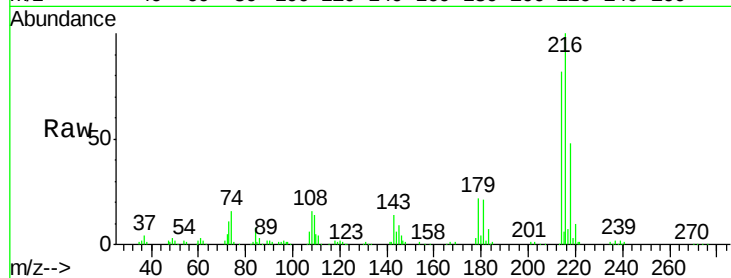




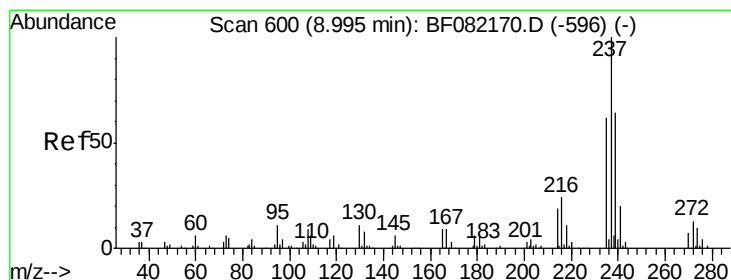
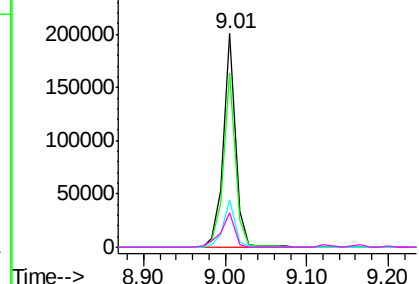
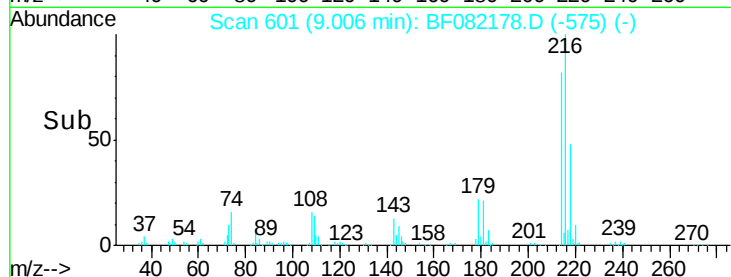
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.89 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

Tgt Ion:	216	Resp:	208485
Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.6	97.0
179	21.5	17.6	26.4
108	19.0	14.5	21.7

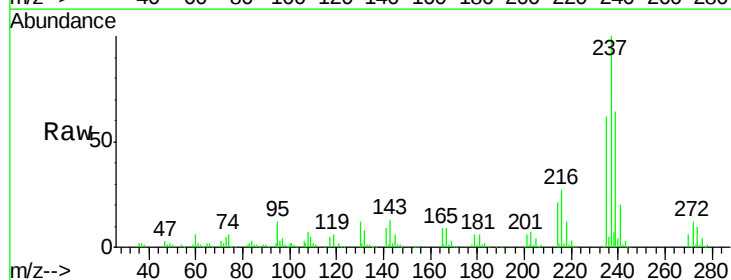


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

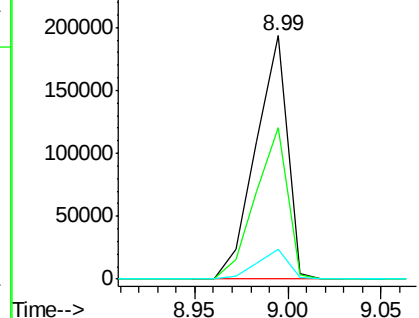
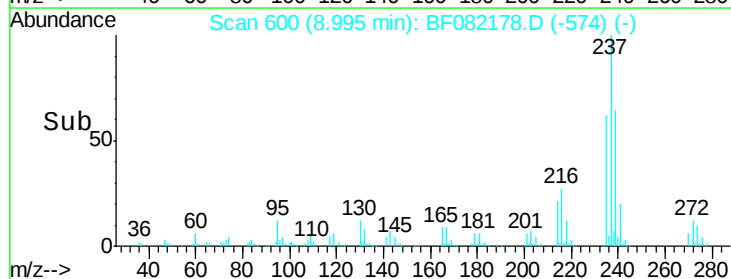


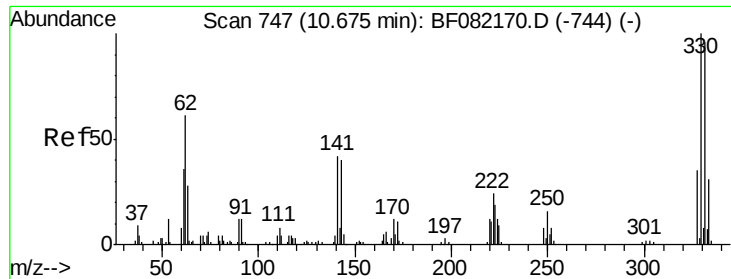
#40
 Hexachlorocyclopentadiene
 Concen: 87.18 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion:	237	Resp:	227064
Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.7	81.7
272	12.4	0.0	32.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

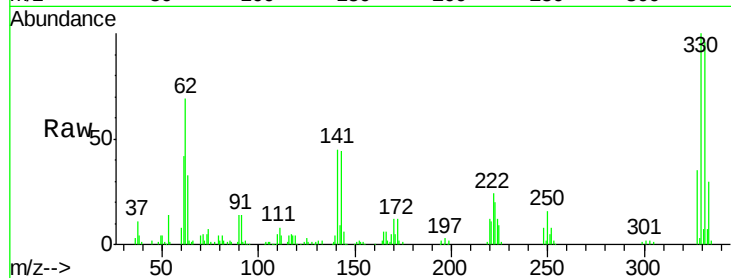




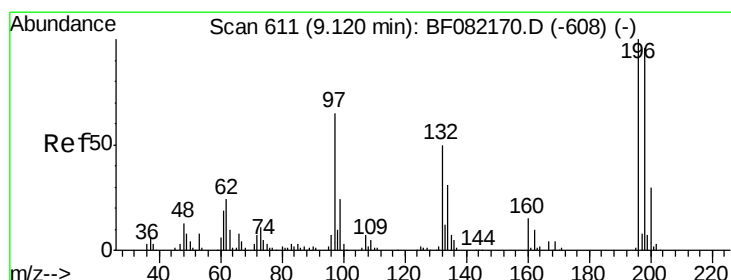
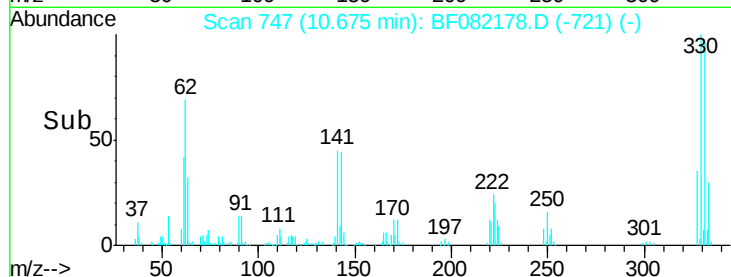
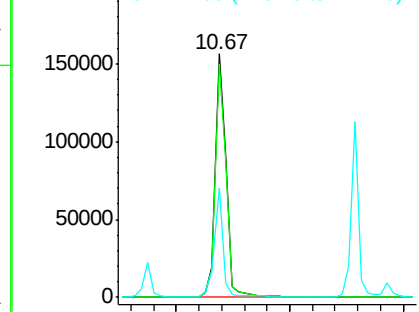
#41
 2,4,6-Tribromophenol
 Concen: 124.79 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

Tgt Ion:330 Resp: 200599
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 35.5 29.8 44.8

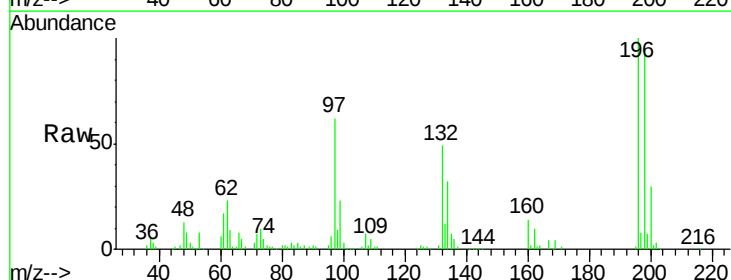


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

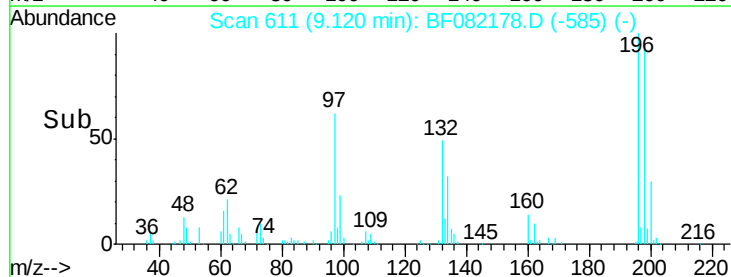
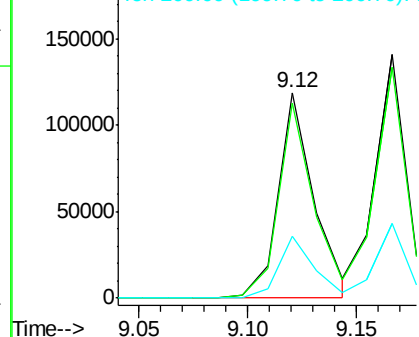


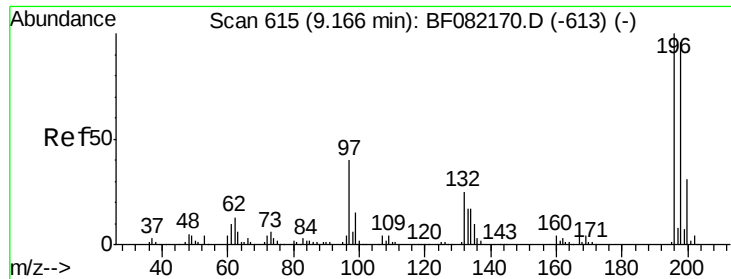
#42
 2,4,6-Trichlorophenol
 Concen: 40.59 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion:196 Resp: 137439
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 115.0
 200 30.0 23.7 35.5



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

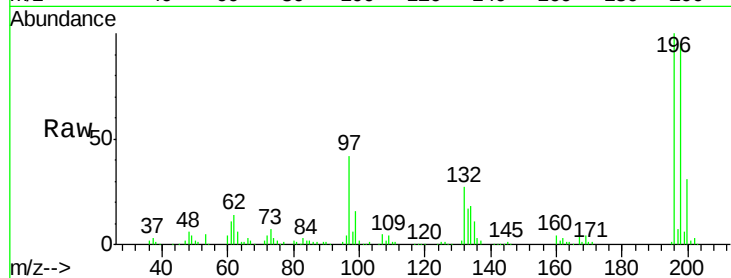




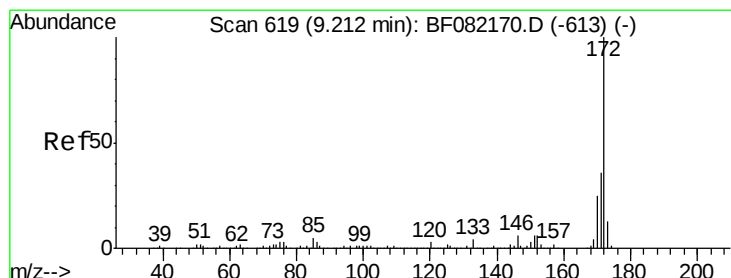
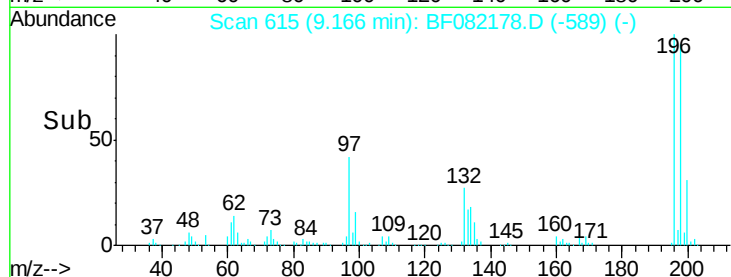
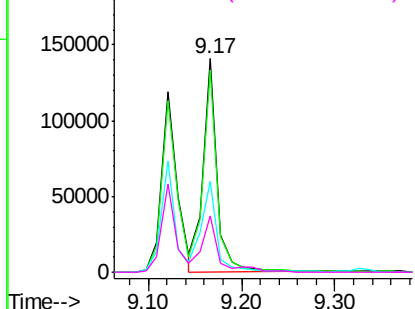
#43
 2,4,5-Trichlorophenol
 Concen: 40.80 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

Tgt Ion:196 Resp: 149661
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.0 115.4
 97 42.4 31.9 47.9
 132 26.6 20.3 30.5

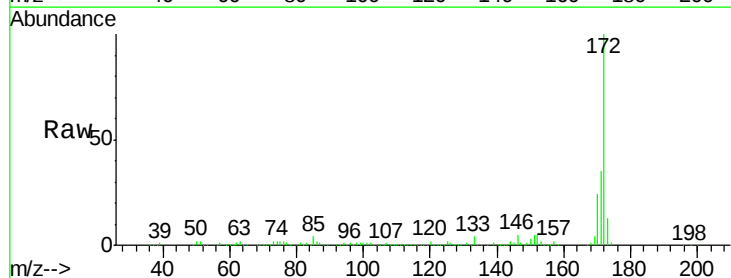


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

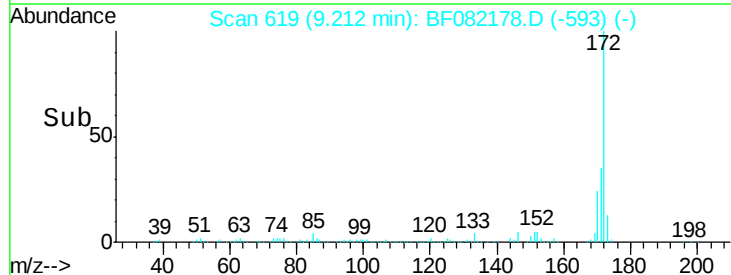
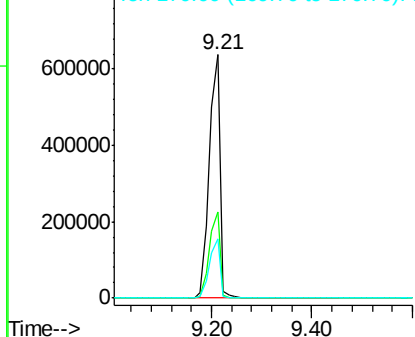


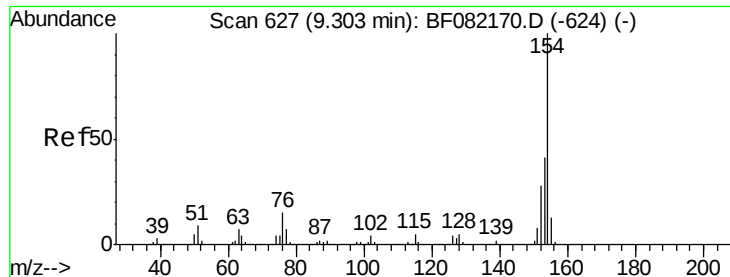
#44
 2-Fluorobiphenyl
 Concen: 92.17 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion:172 Resp: 952669
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 24.1 19.7 29.5



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

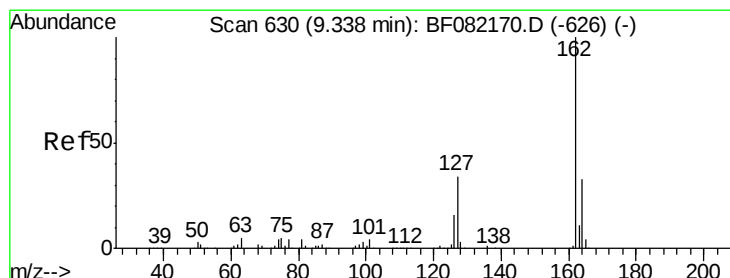
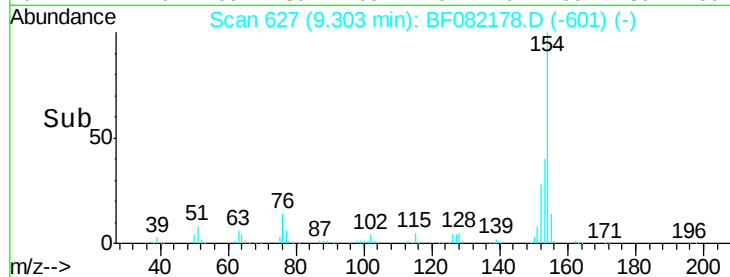
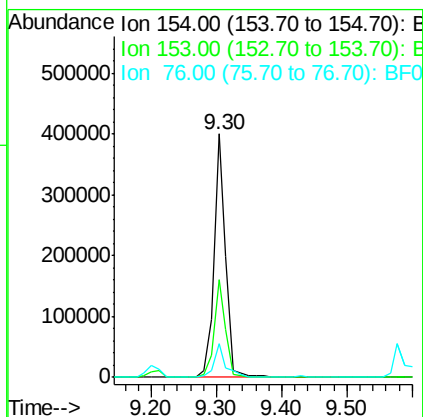
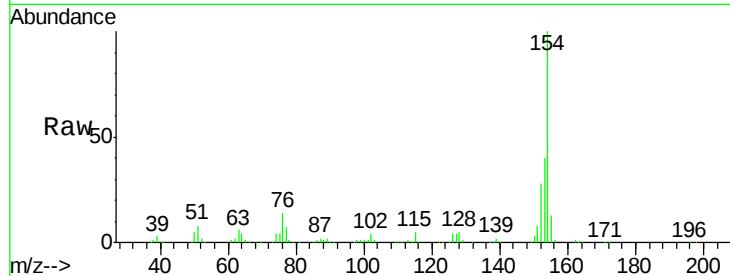




#45
 1,1'-Biphenyl
 Concen: 38.75 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

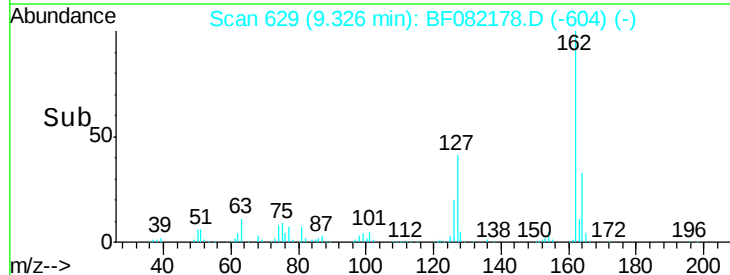
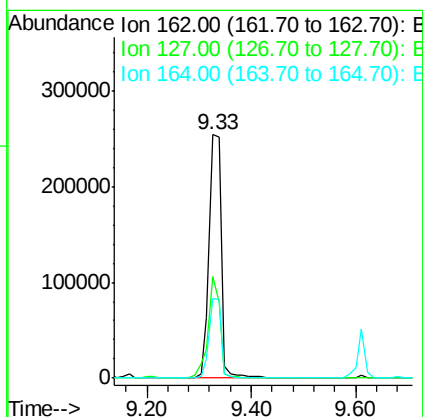
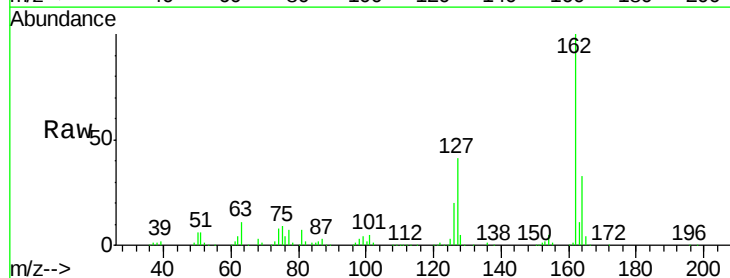
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

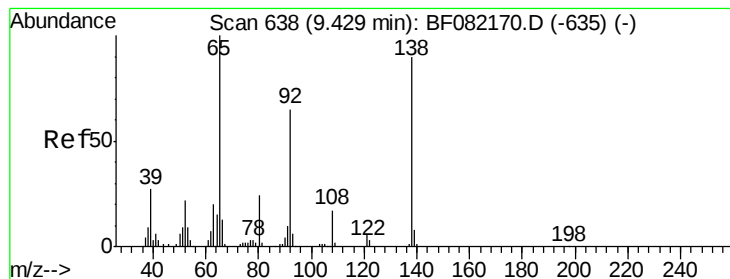
Tgt Ion:154 Resp: 506489
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.6 60.6
 76 13.9 0.0 35.2



#46
 2-Chloronaphthalene
 Concen: 40.62 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion:162 Resp: 417971
 Ion Ratio Lower Upper
 162 100
 127 41.5 27.5 41.3#
 164 32.7 26.6 39.8





#47

2-Nitroaniline

Concen: 40.37 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

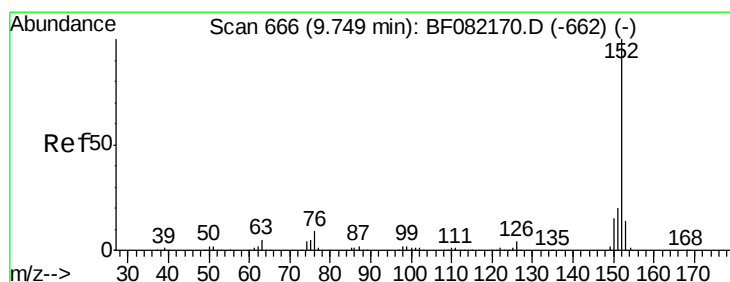
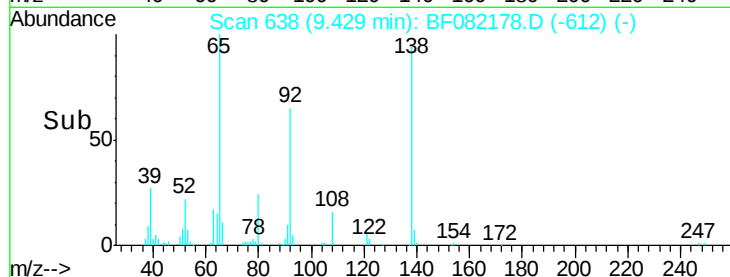
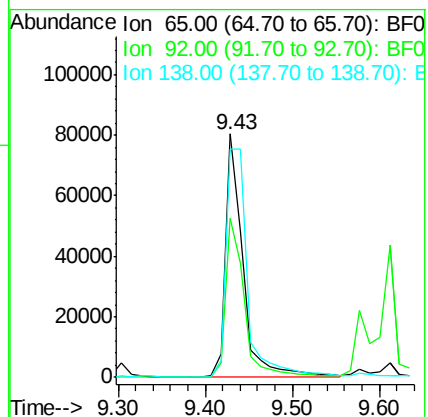
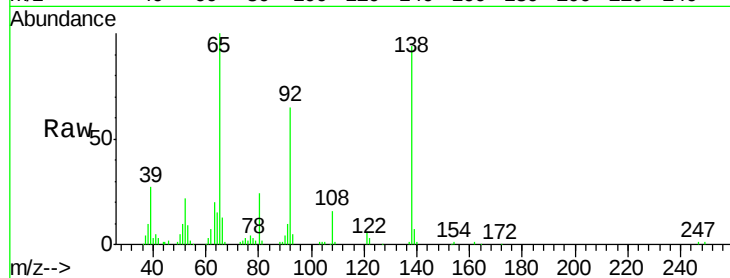
Tgt Ion: 65 Resp: 114029

Ion Ratio Lower Upper

65 100

92 65.4 52.3 78.5

138 93.8 72.2 108.4



#48

Acenaphthylene

Concen: 43.48 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

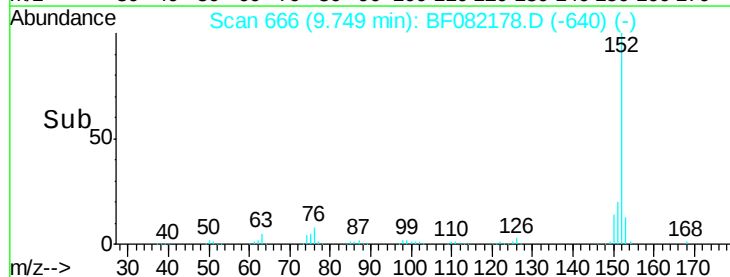
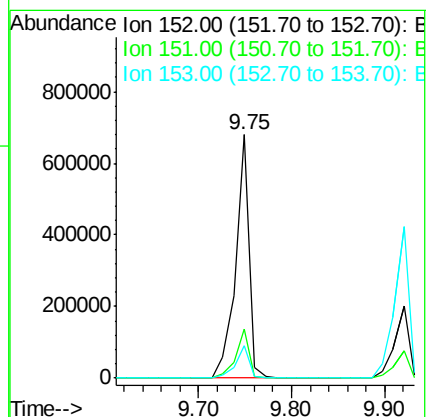
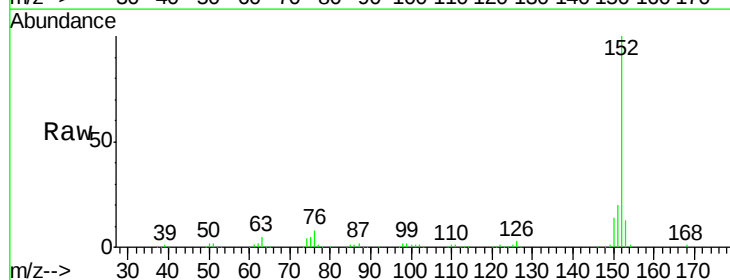
Tgt Ion: 152 Resp: 696970

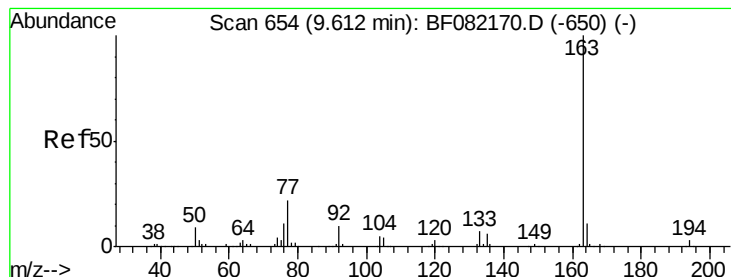
Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 40.63 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

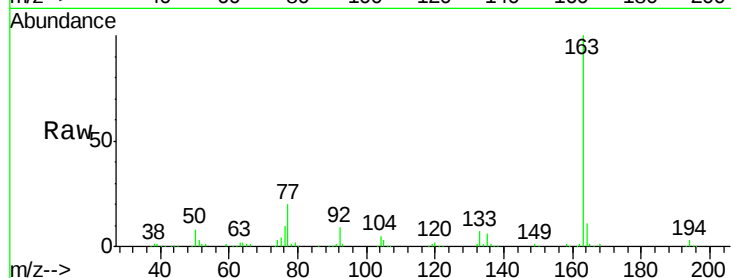
Tgt Ion:163 Resp: 490370

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

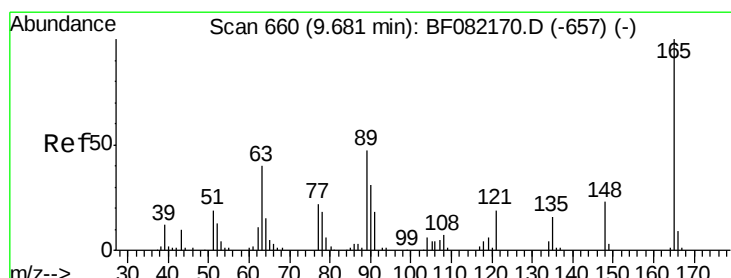
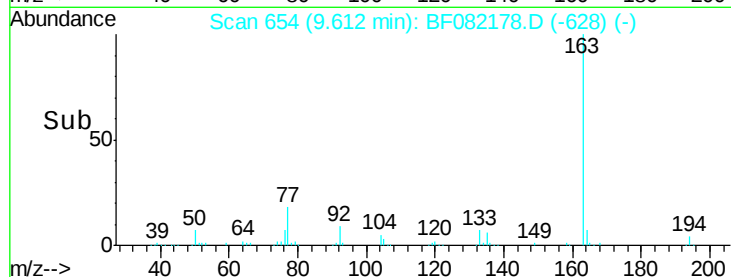
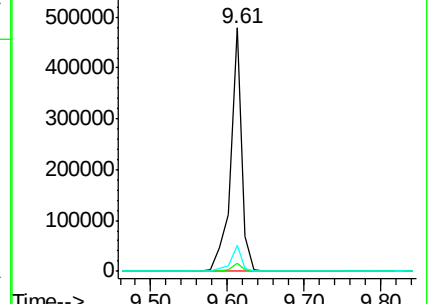
164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.34 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

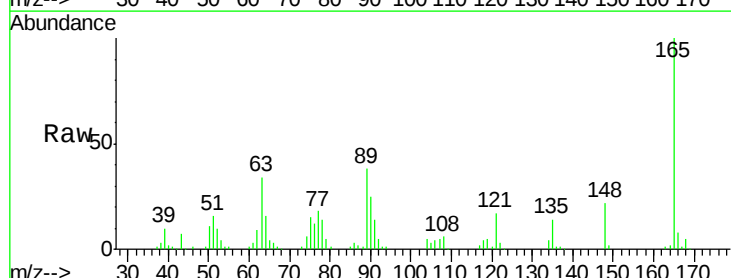
Tgt Ion:165 Resp: 110386

Ion Ratio Lower Upper

165 100

63 33.8 36.7 55.1#

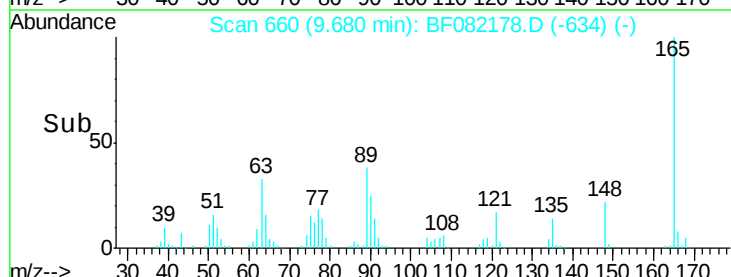
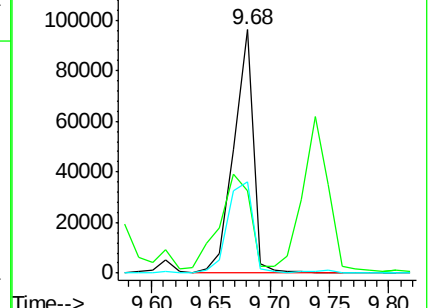
89 37.5 37.8 56.6#

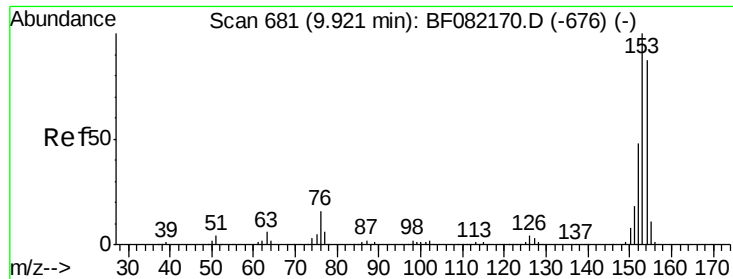


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.41 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

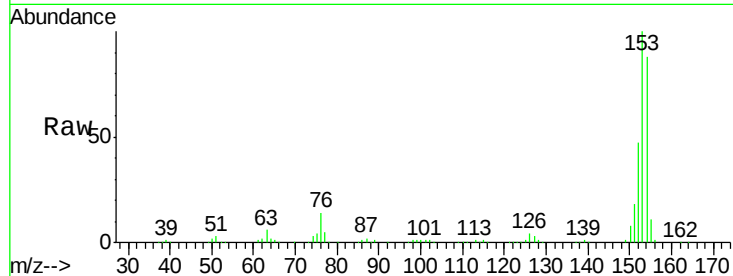
Tgt Ion:154 Resp: 398474

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

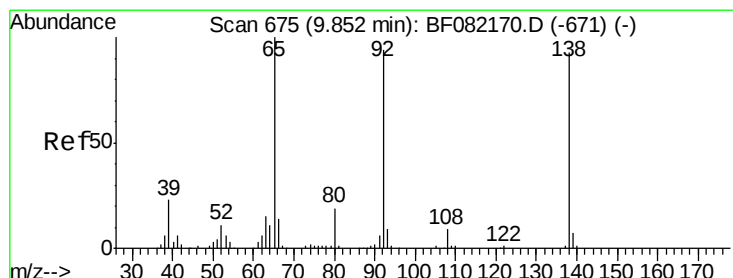
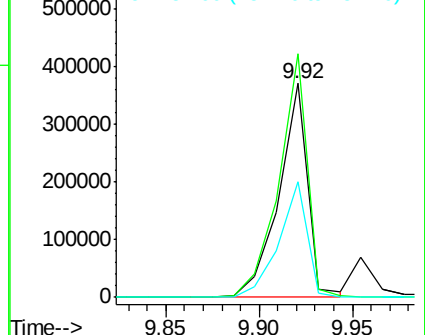
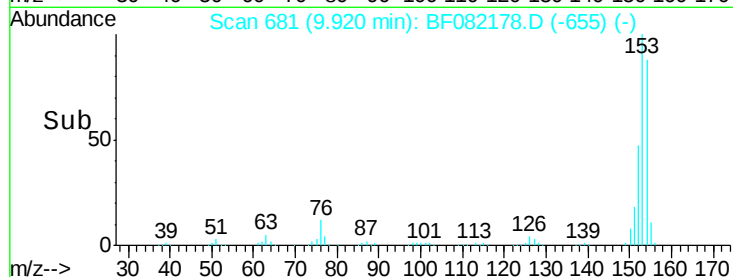
152 54.1 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.20 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

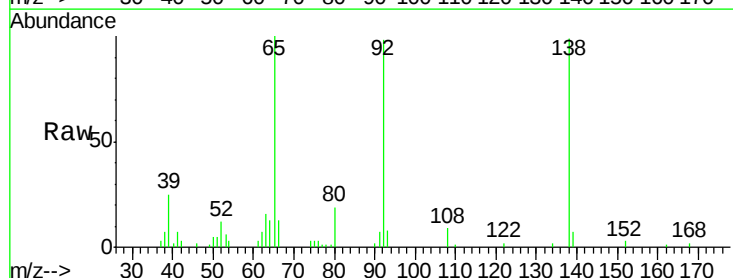
Tgt Ion:138 Resp: 49479

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.0

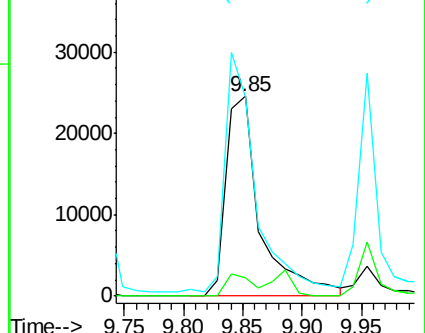
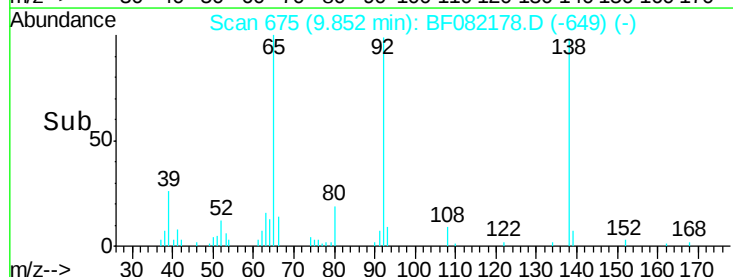
92 99.4 81.3 121.9

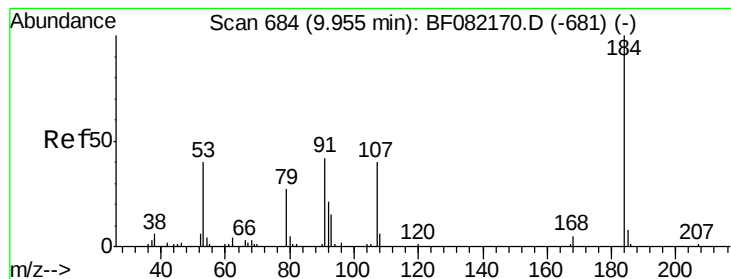


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 86.00 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleID :

PB86017BS

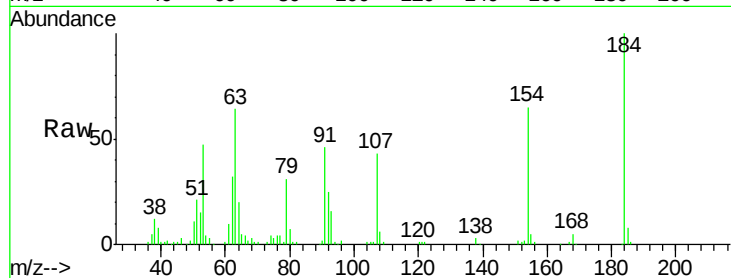
Tgt Ion:184 Resp: 123142

Ion Ratio Lower Upper

184 100

63 63.6 45.1 67.7

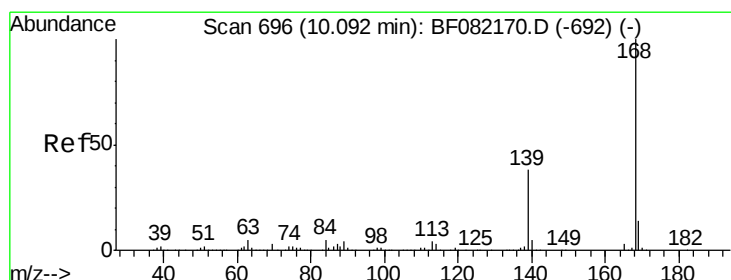
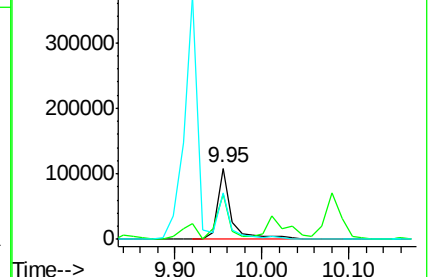
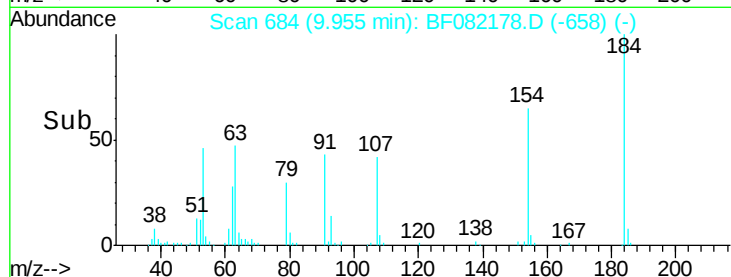
154 64.7 51.2 76.8



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: 44.71 ng

RT: 10.09 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

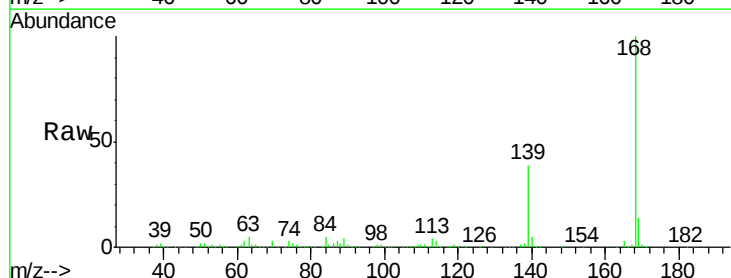
Tgt Ion:168 Resp: 590721

Ion Ratio Lower Upper

168 100

139 38.6 31.0 46.6

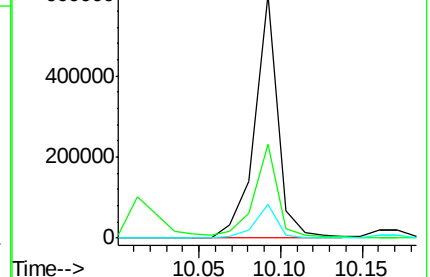
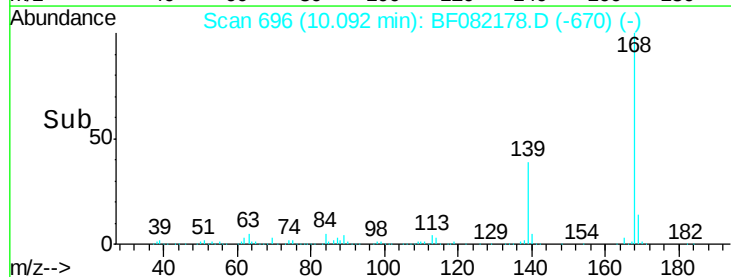
169 13.7 10.9 16.3

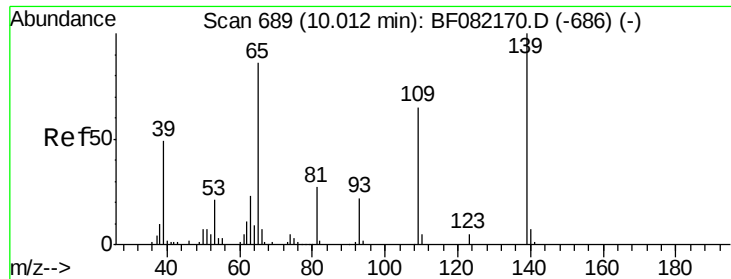


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

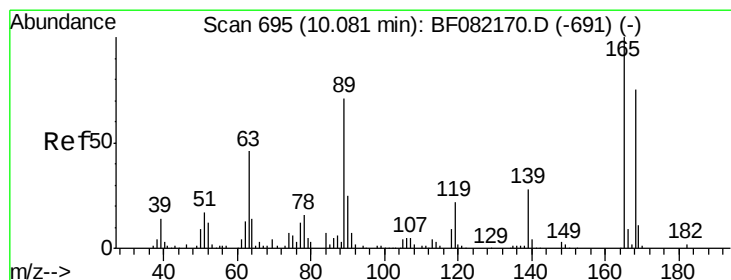
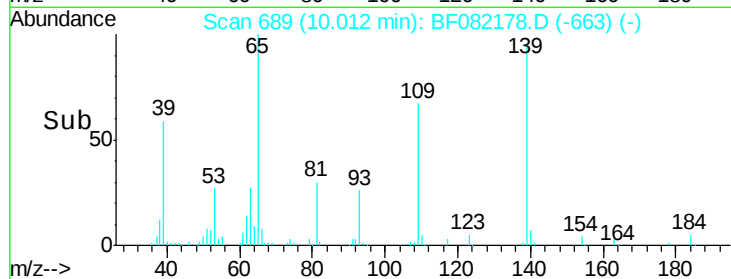
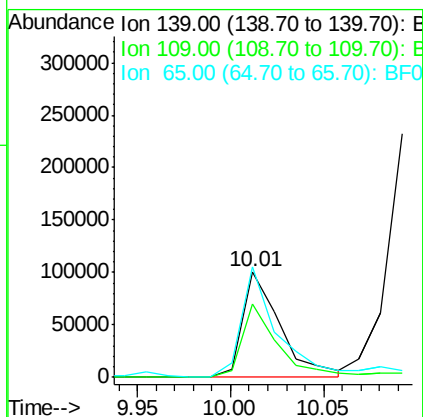
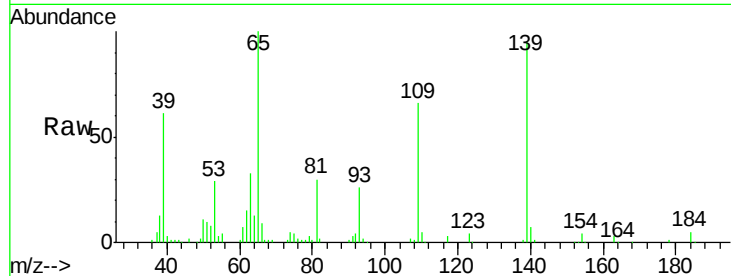




#55
4-Nitrophenol
Concen: 73.30 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

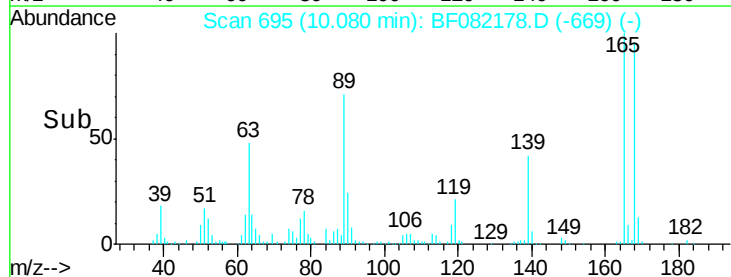
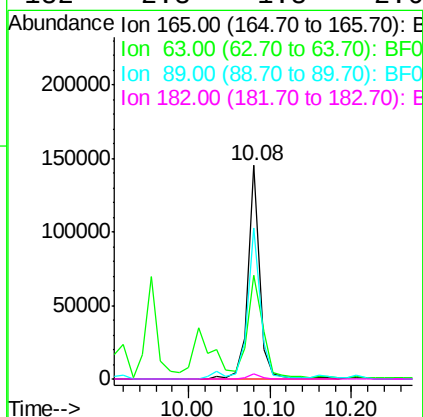
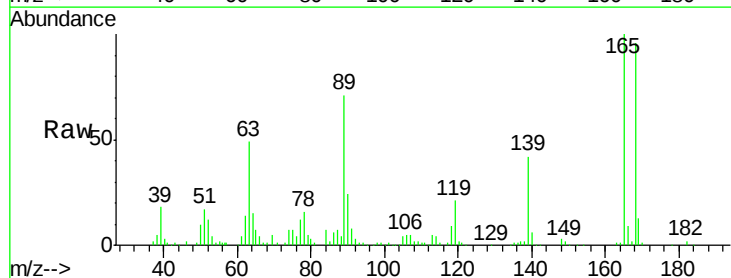
Instrument :
BNA_F
ClientSampleId :
PB86017BS

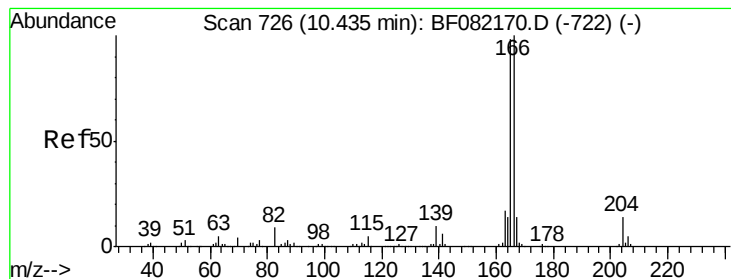
Tgt Ion:139 Resp: 140803
Ion Ratio Lower Upper
139 100
109 69.9 44.8 84.8
65 105.2 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 45.16 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion:165 Resp: 143752
Ion Ratio Lower Upper
165 100
63 48.8 38.6 58.0
89 70.9 57.0 85.6
182 2.3 1.8 2.6





#57

Fluorene

Concen: 44.19 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

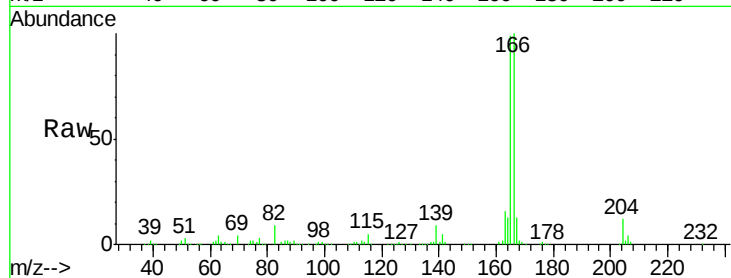
Tgt Ion:166 Resp: 479528

Ion Ratio Lower Upper

166 100

165 98.8 78.3 117.5

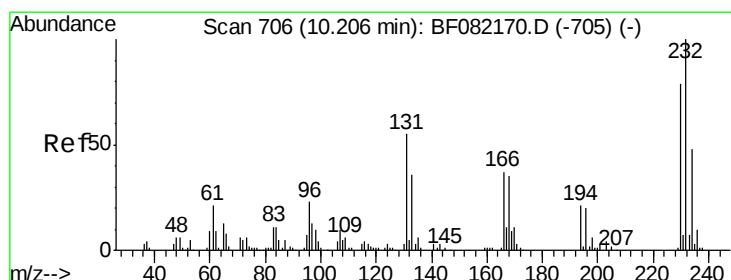
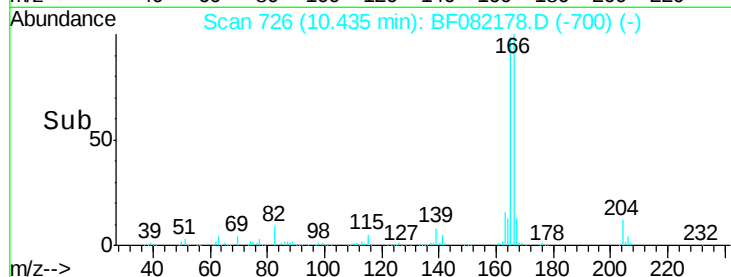
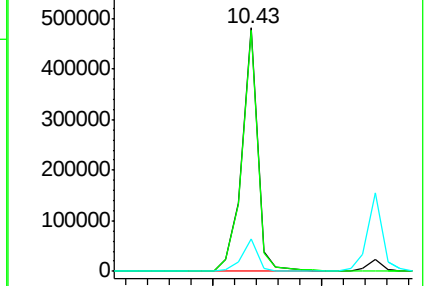
167 13.1 10.8 16.2



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: 40.43 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Tgt Ion:232 Resp: 121164

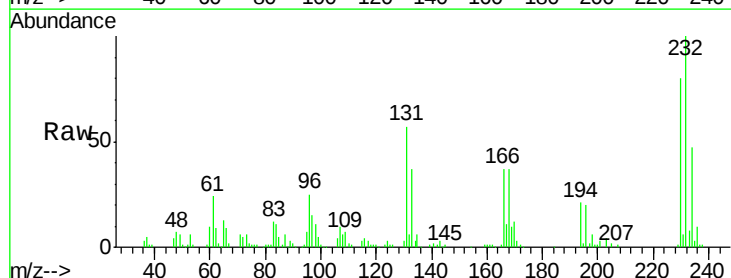
Ion Ratio Lower Upper

232 100

131 46.3 36.6 54.8

130 1.9 1.5 2.3

166 30.6 24.6 37.0

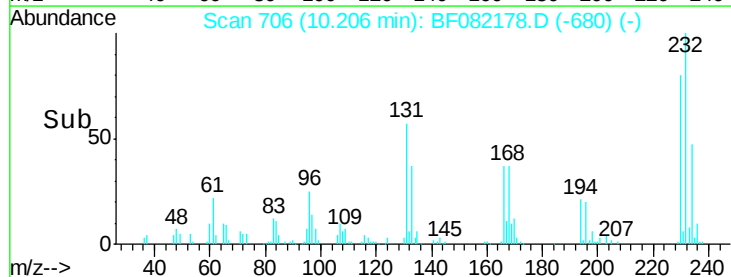
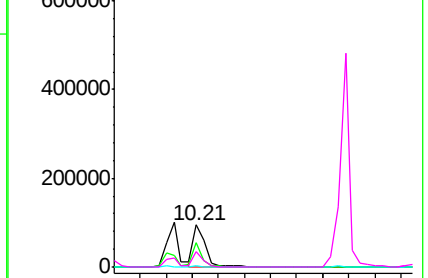


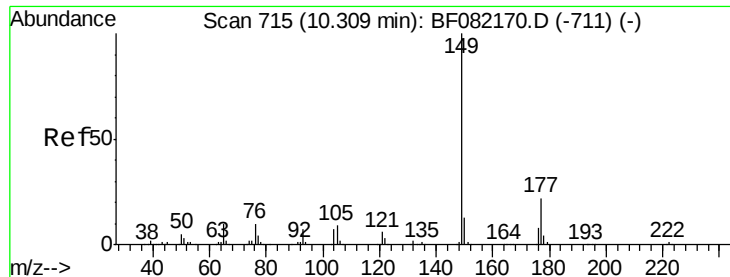
Abundance Ion 232.00 (231.70 to 232.70): E

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

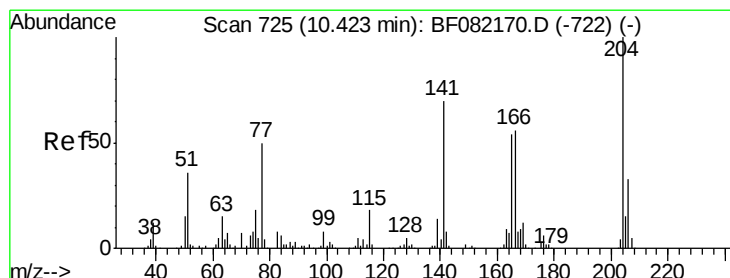
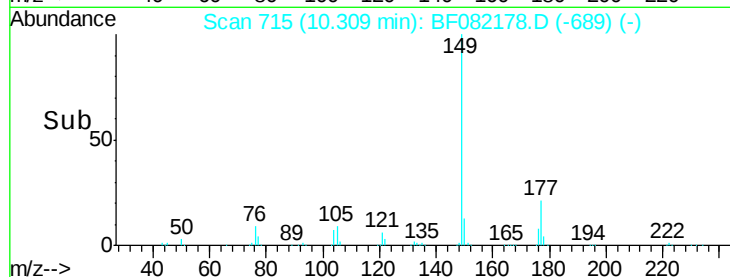
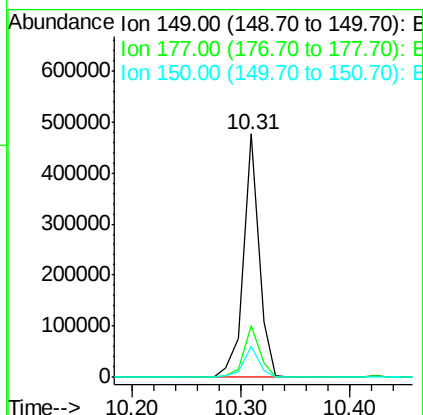
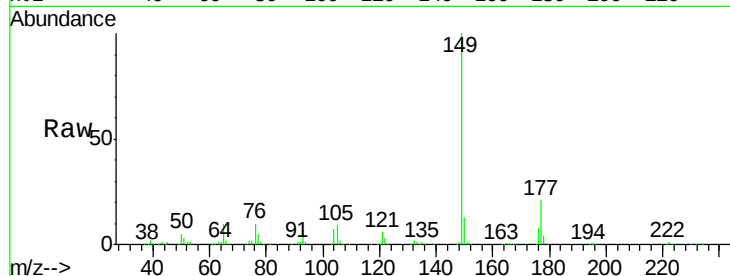




#59
Diethylphthalate
Concen: 41.91 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

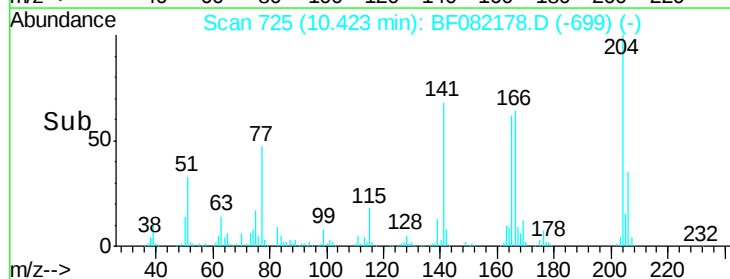
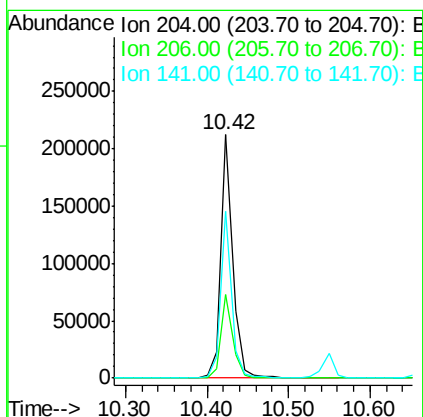
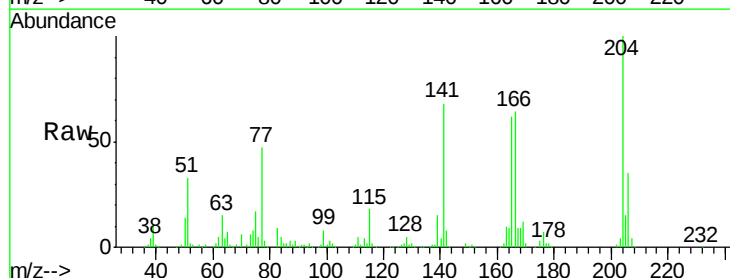
Instrument :
BNA_F
ClientSampleId :
PB86017BS

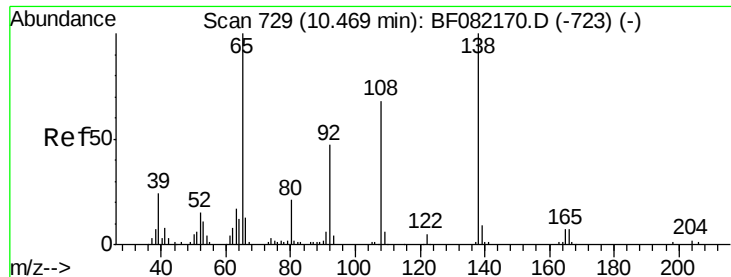
Tgt Ion:149 Resp: 471544
Ion Ratio Lower Upper
149 100
177 21.4 17.6 26.4
150 12.6 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 42.80 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion:204 Resp: 212759
Ion Ratio Lower Upper
204 100
206 34.5 26.8 40.2
141 68.3 56.1 84.1

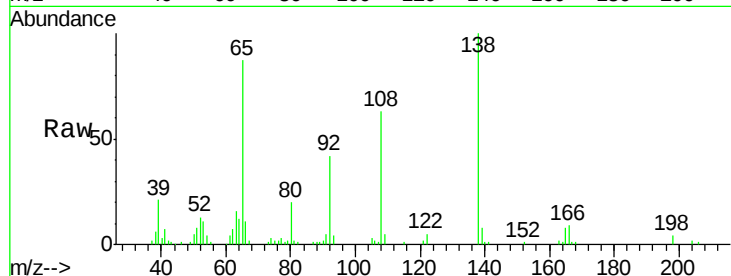




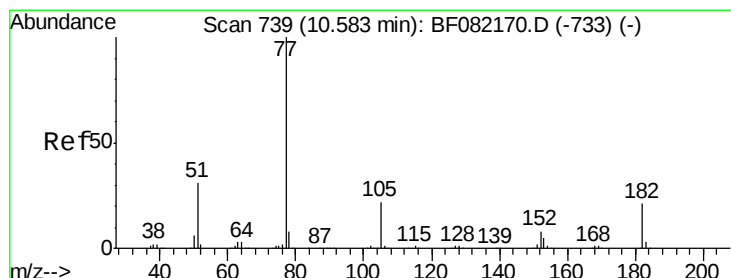
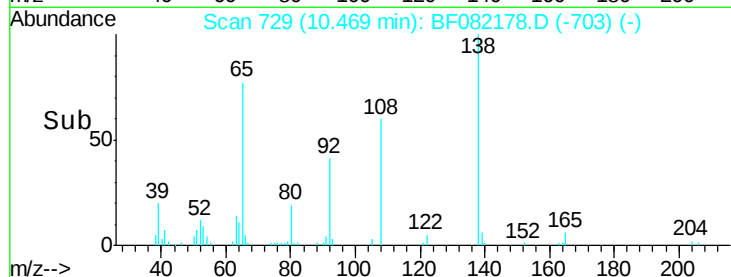
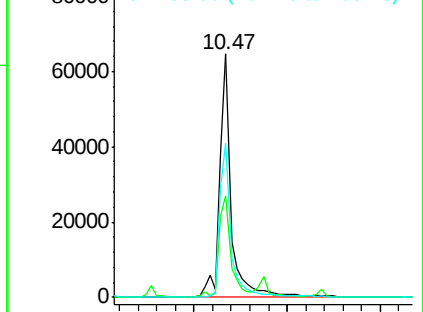
#61
4-Nitroaniline
Concen: 38.99 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Instrument :
BNA_F
ClientSampleId :
PB86017BS

Tgt Ion: 138 Resp: 108805
Ion Ratio Lower Upper
138 100
92 41.8 26.8 66.8
108 63.5 48.4 88.4

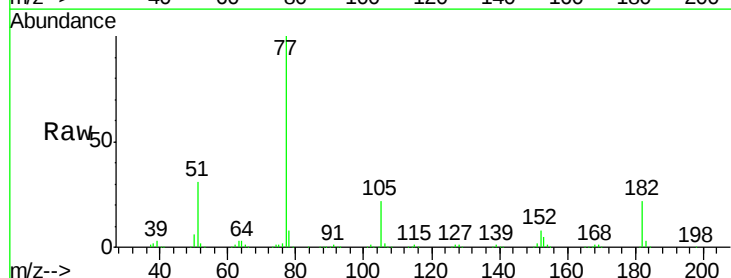


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

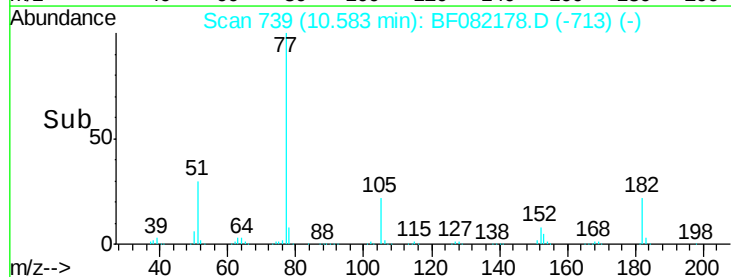
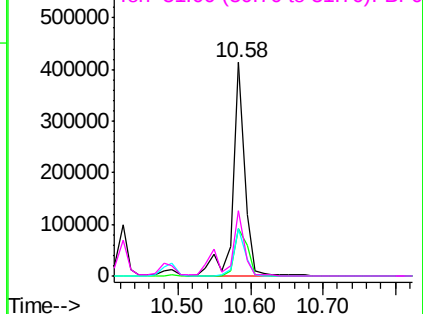


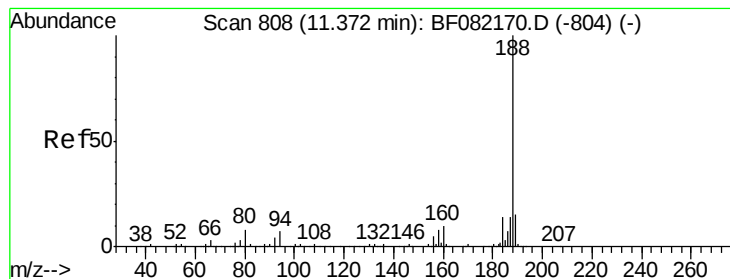
#62
Azobenzene
Concen: 42.37 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion: 77 Resp: 466570
Ion Ratio Lower Upper
77 100
182 21.9 0.5 40.5
105 22.3 1.8 41.8
51 30.6 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: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

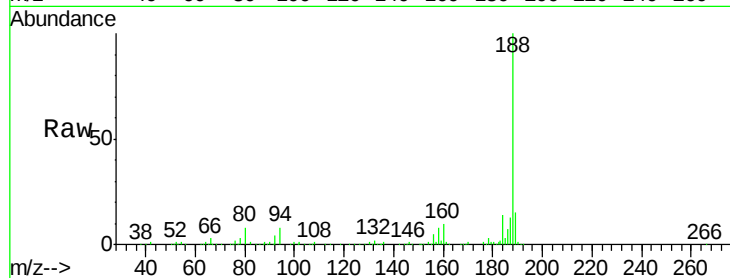
Tgt Ion:188 Resp: 319941

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

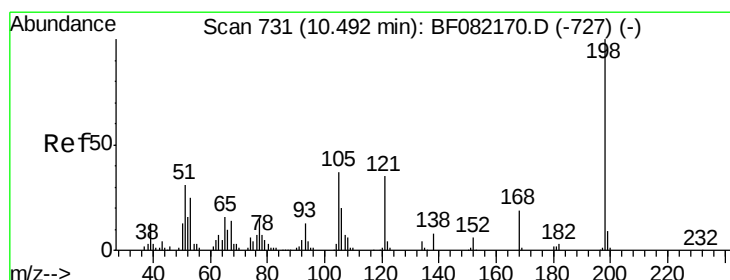
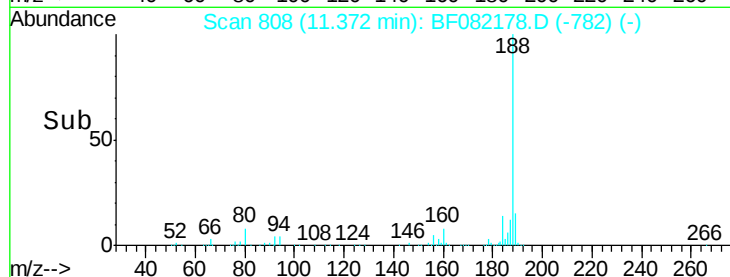
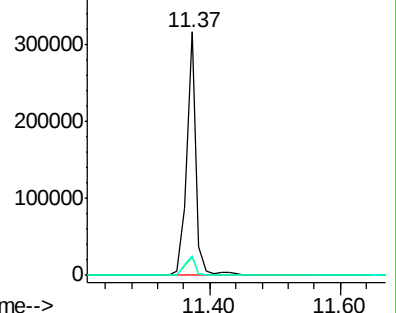
80 8.1 6.4 9.6



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: 45.50 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

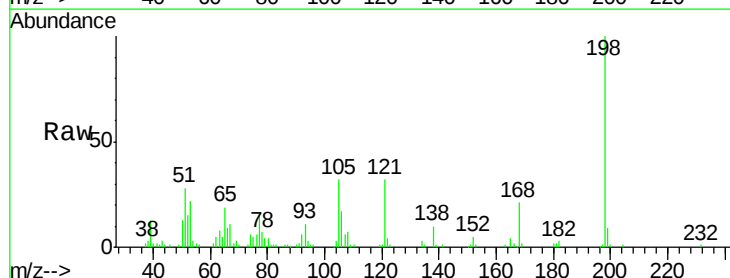
Tgt Ion:198 Resp: 81686

Ion Ratio Lower Upper

198 100

51 28.4 13.6 53.6

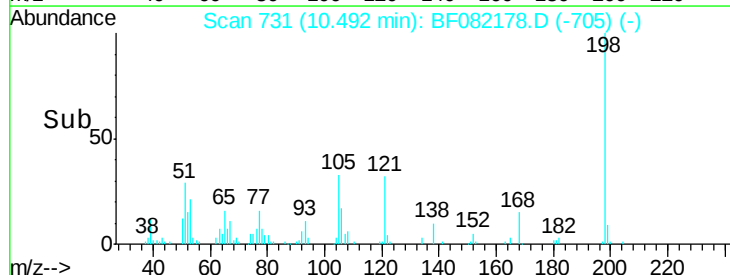
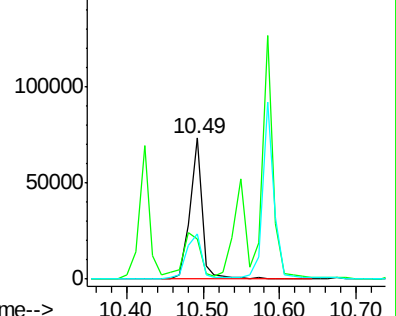
105 32.5 17.1 57.1

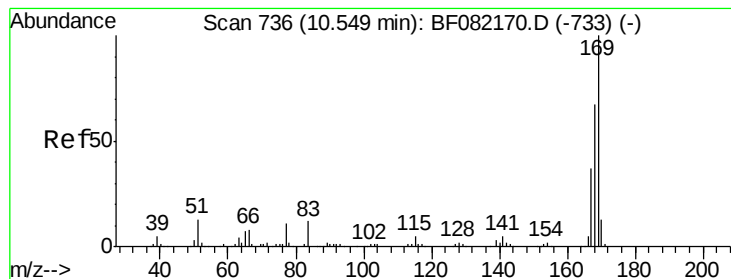


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.75 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

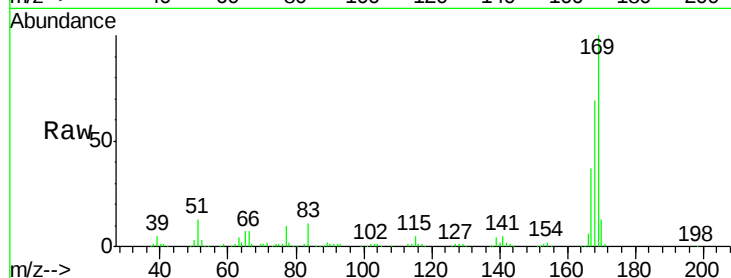
Tgt Ion:169 Resp: 409520

Ion Ratio Lower Upper

169 100

168 68.6 54.0 81.0

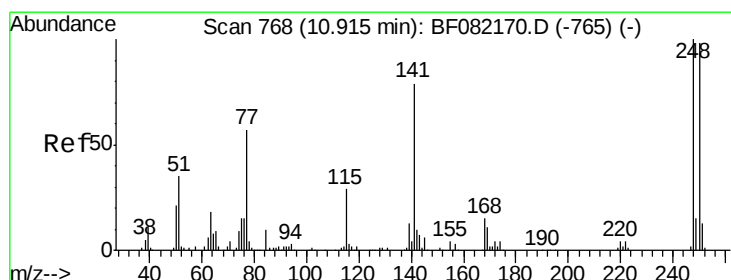
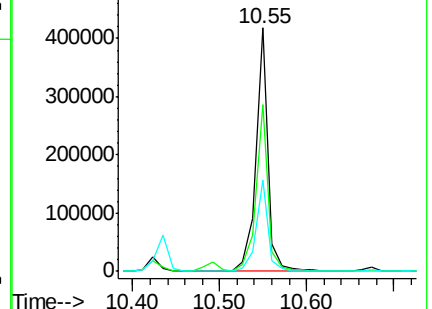
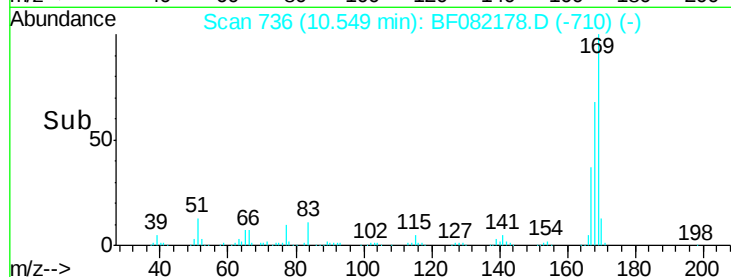
167 37.3 29.6 44.4



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: 44.02 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

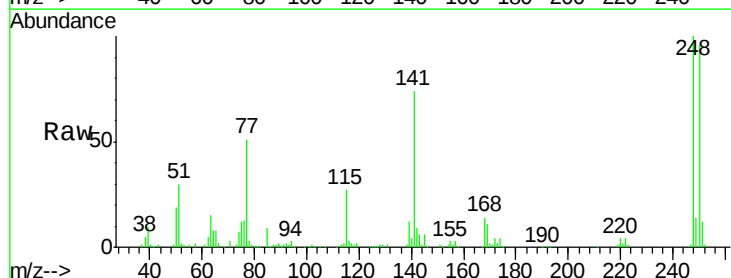
Tgt Ion:248 Resp: 140955

Ion Ratio Lower Upper

248 100

250 96.4 78.6 117.8

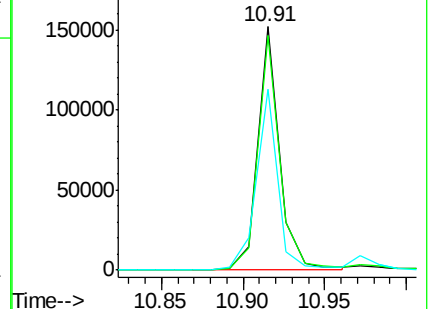
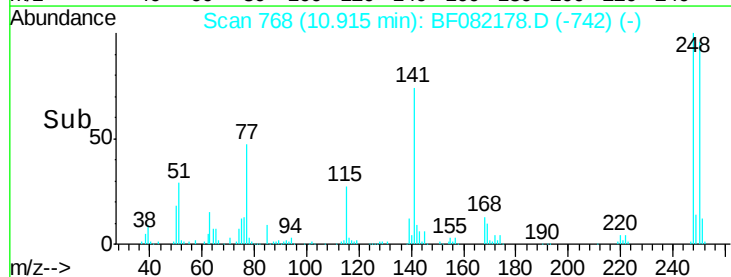
141 74.4 63.3 94.9

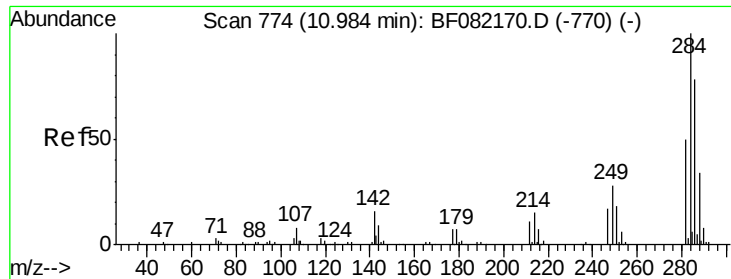


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

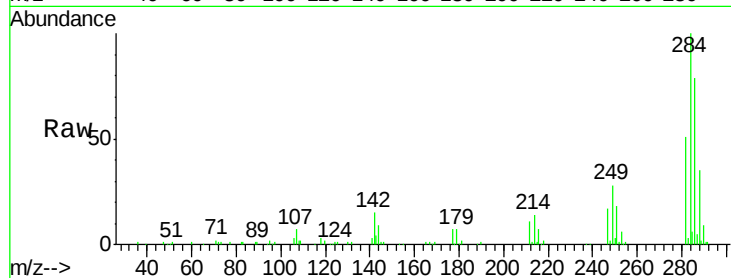




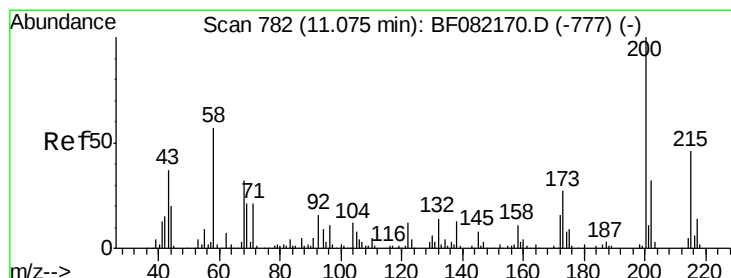
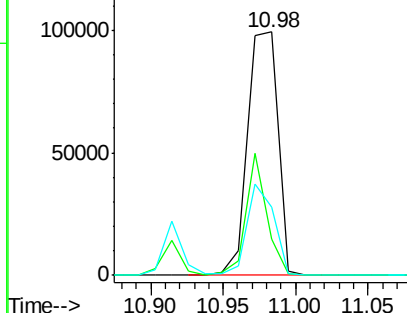
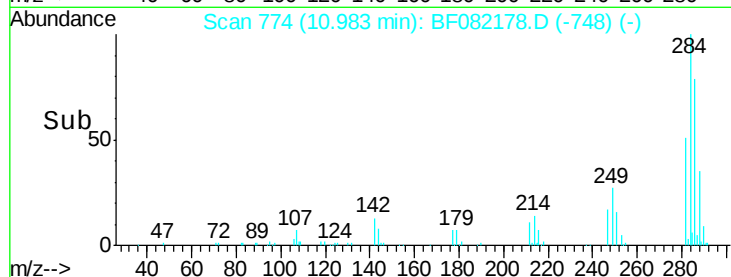
#67
Hexachlorobenzene
Concen: 41.73 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Instrument :
BNA_F
ClientSampleId :
PB86017BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	14.9	13.0	19.6
249	27.8	22.5	33.7

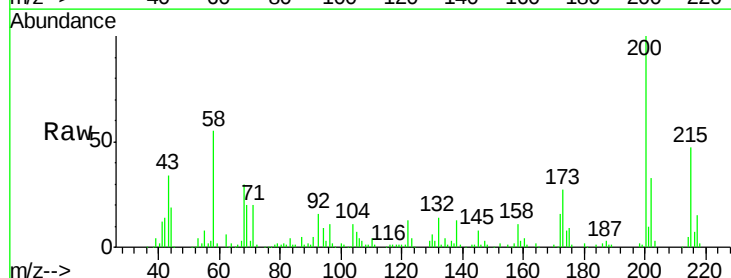


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

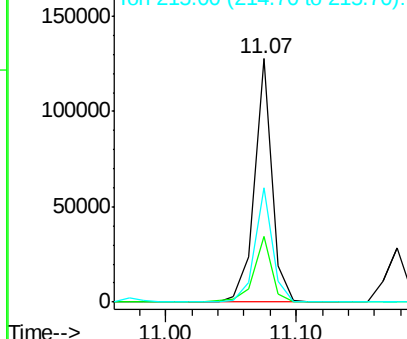
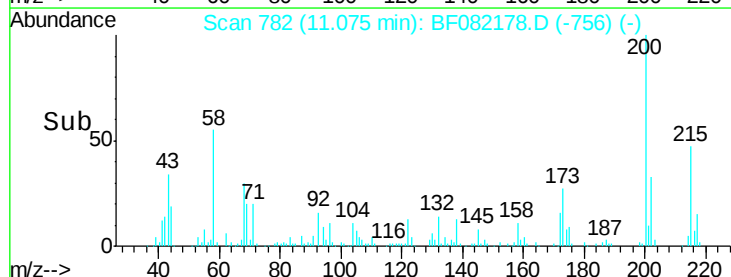


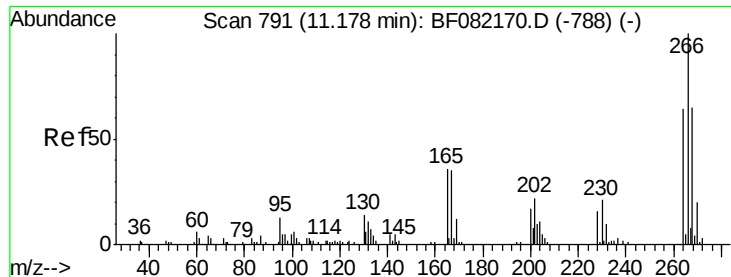
#68
Atrazine
Concen: 39.61 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.3	47.3
215	47.0	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

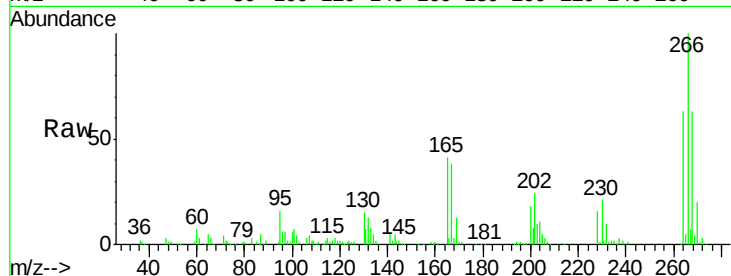




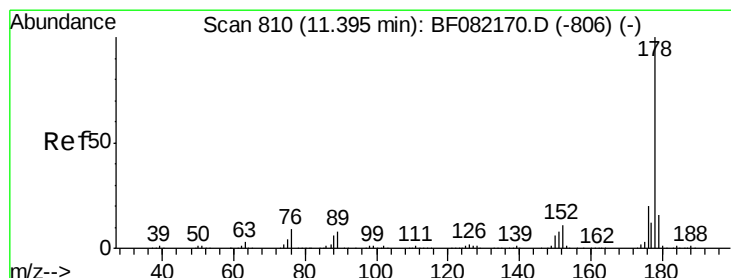
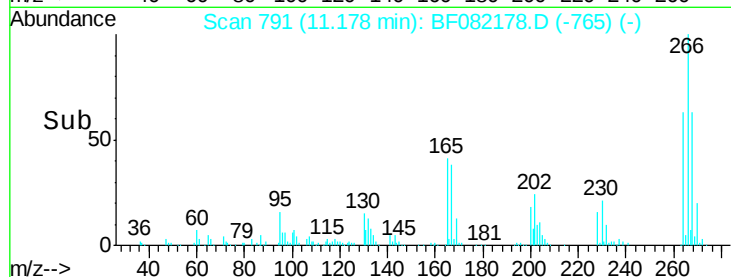
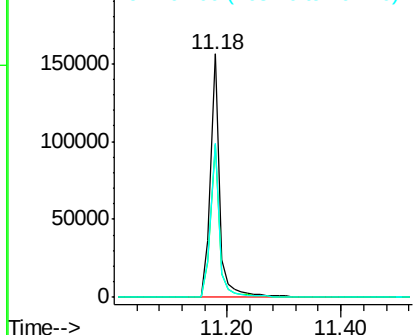
#69
 Pentachlorophenol
 Concen: 95.10 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

Tgt Ion:266 Resp: 169453
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.0 78.0
 264 63.4 51.4 77.0

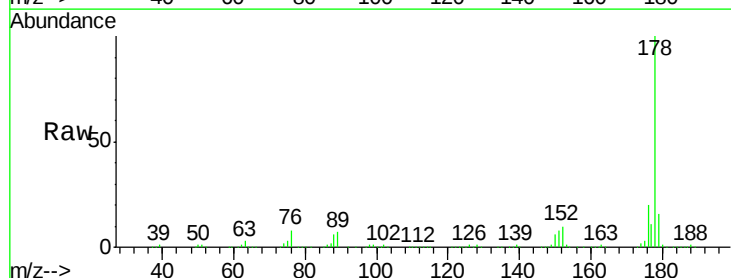


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

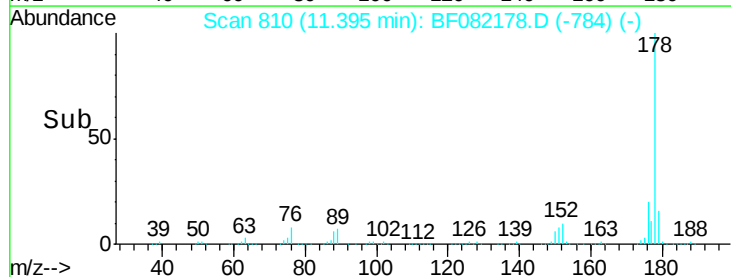
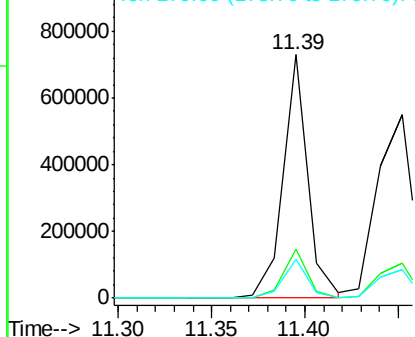


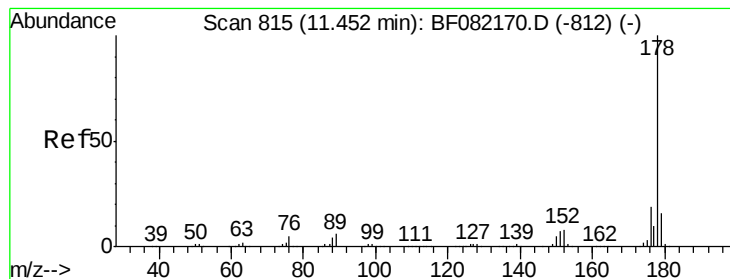
#70
 Phenanthrene
 Concen: 42.94 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion:178 Resp: 673434
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.8 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: 45.60 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

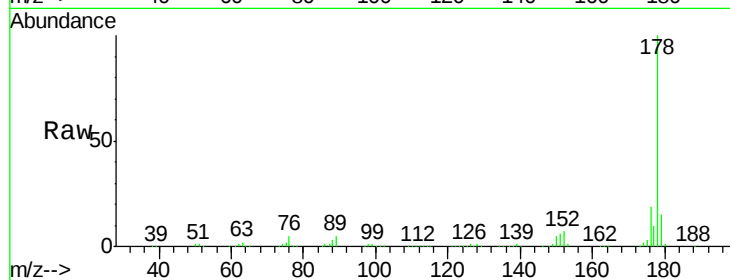
Tgt Ion:178 Resp: 736861

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

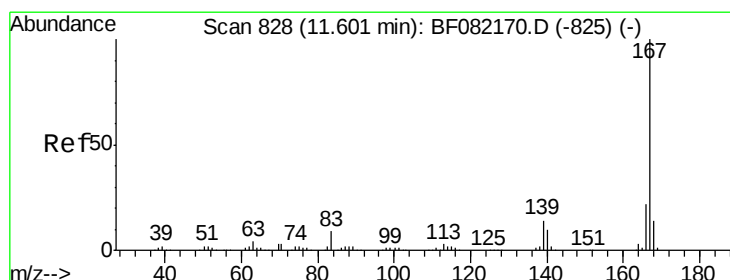
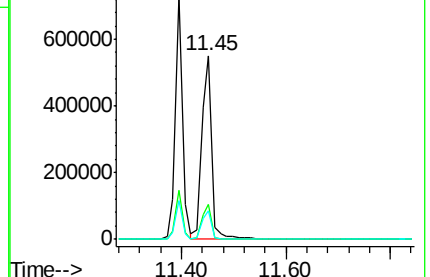
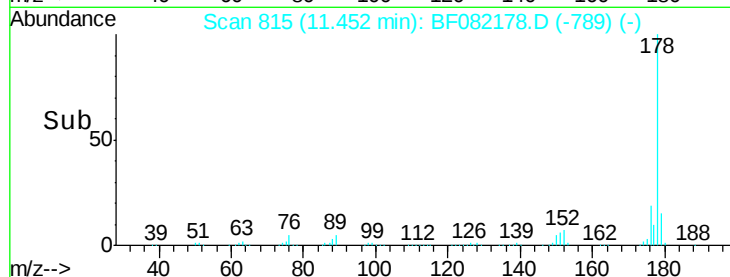
179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.29 ng

RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

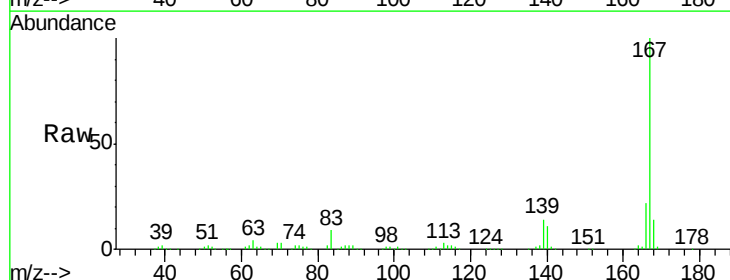
Tgt Ion:167 Resp: 623466

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

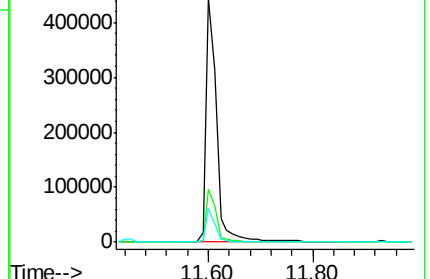
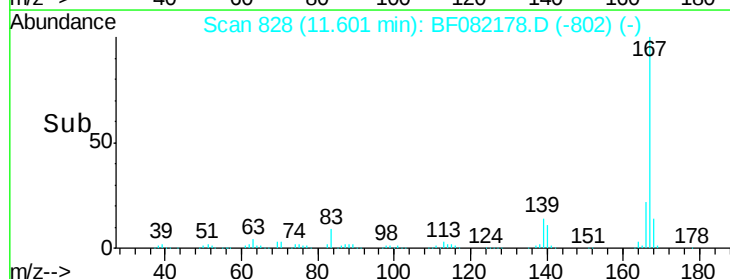
139 13.8 11.2 16.8

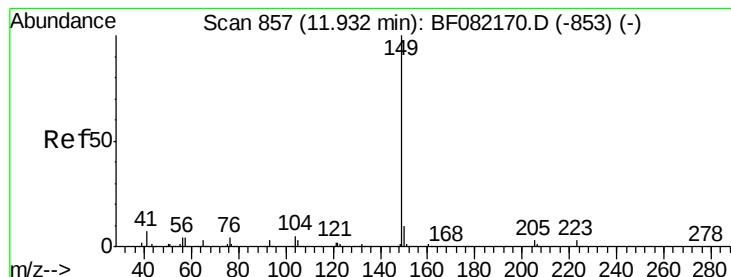


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.29 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

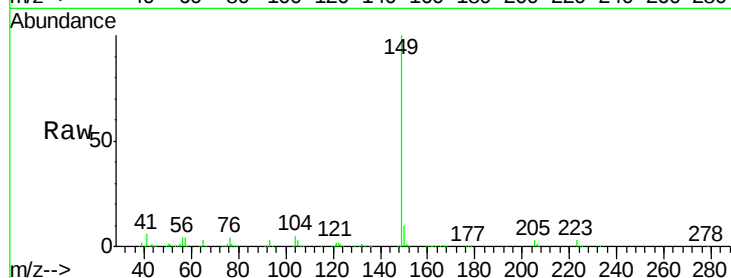
Tgt Ion:149 Resp: 787326

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

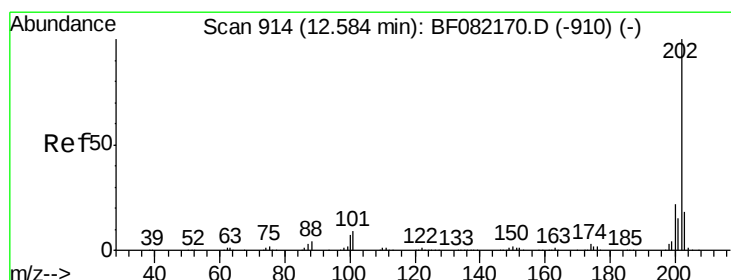
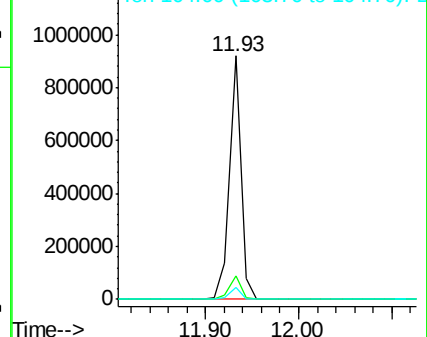
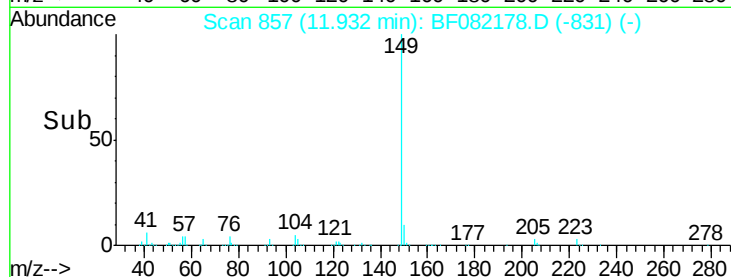
104 4.7 3.8 5.8



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: 45.16 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

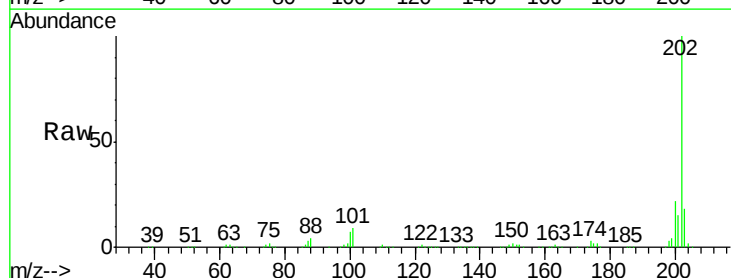
Tgt Ion:202 Resp: 760722

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.3

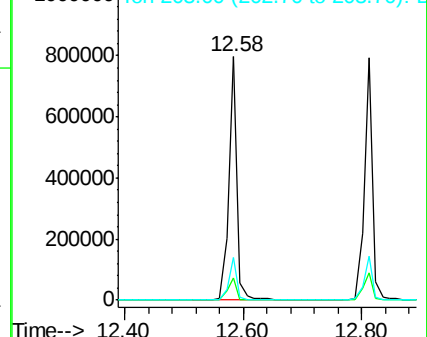
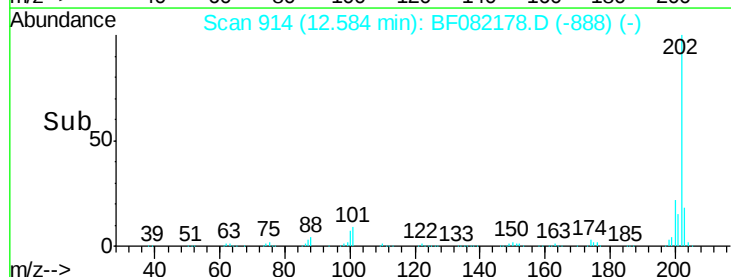
203 17.7 0.0 37.8

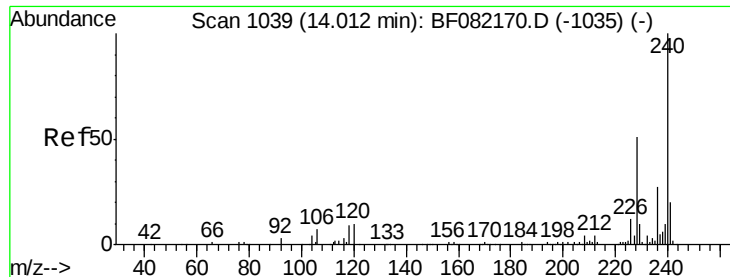


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

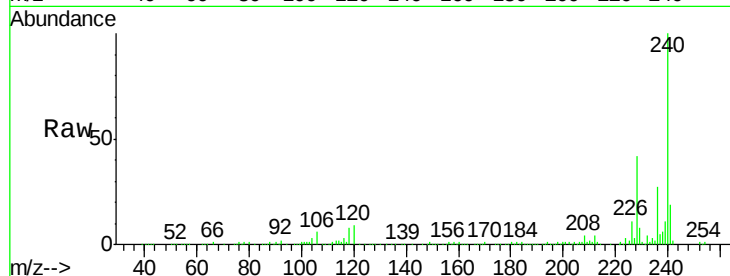




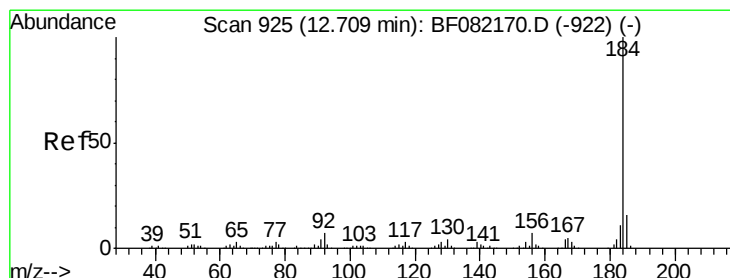
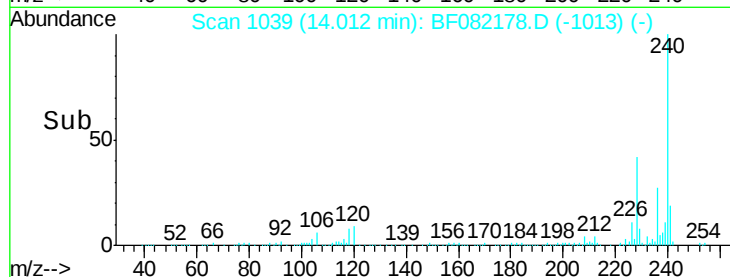
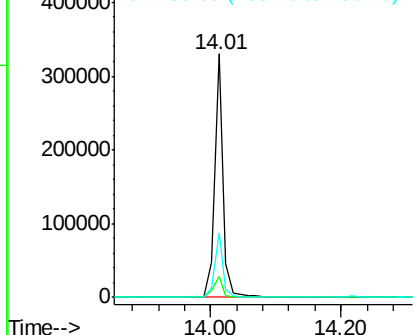
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Instrument :
BNA_F
ClientSampleId :
PB86017BS

Tgt Ion:240 Resp: 305136
Ion Ratio Lower Upper
240 100
120 8.8 8.1 12.1
236 26.6 21.3 31.9

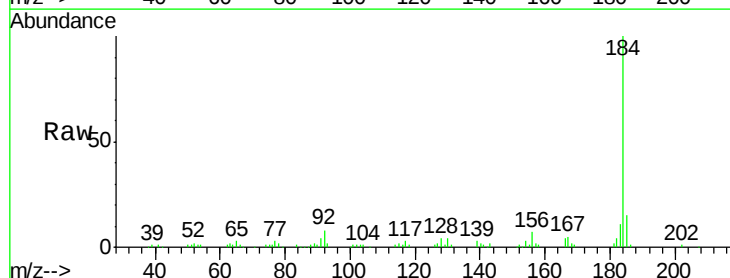


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

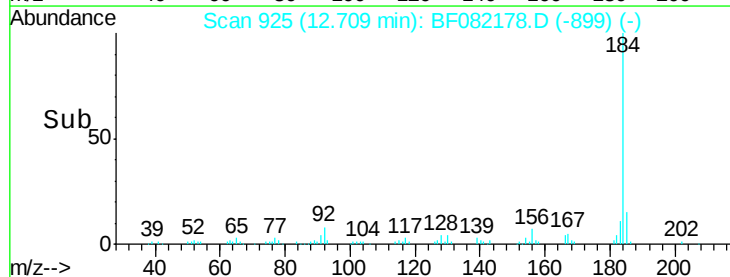
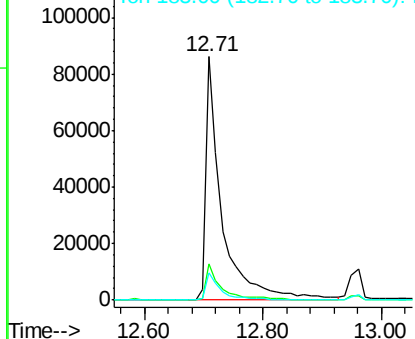


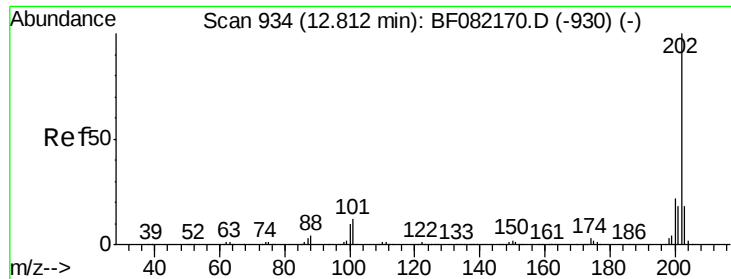
#76
Benzidine
Concen: 18.51 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion:184 Resp: 163681
Ion Ratio Lower Upper
184 100
185 14.8 12.5 18.7
183 11.3 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

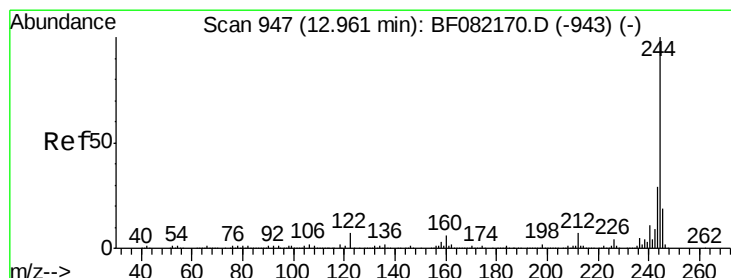
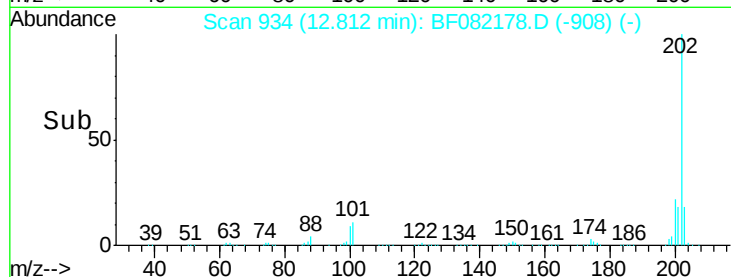
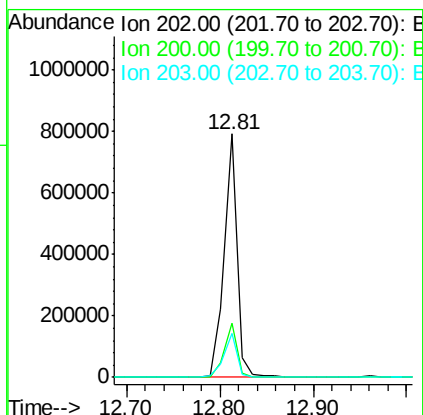
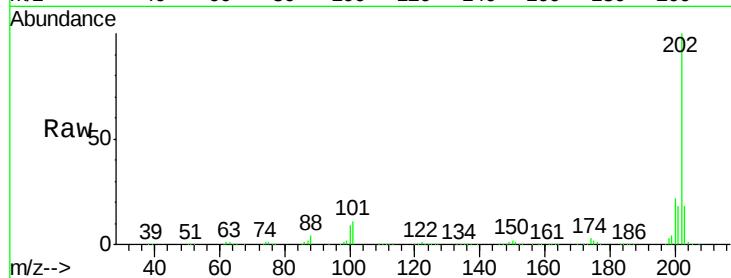




#77
Pyrene
 Concen: 41.85 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

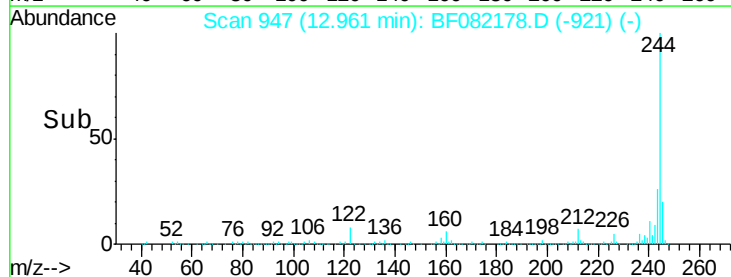
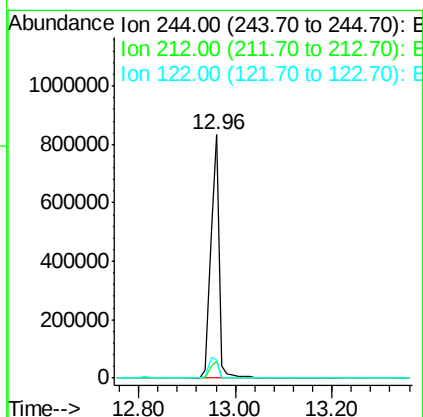
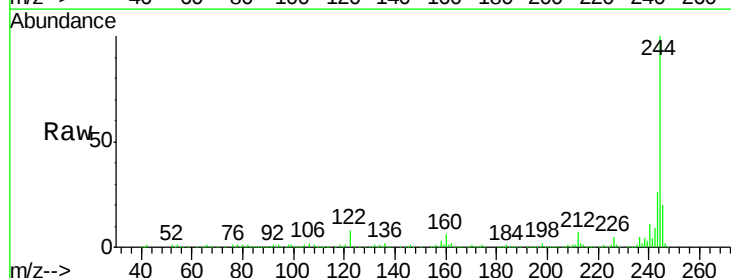
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

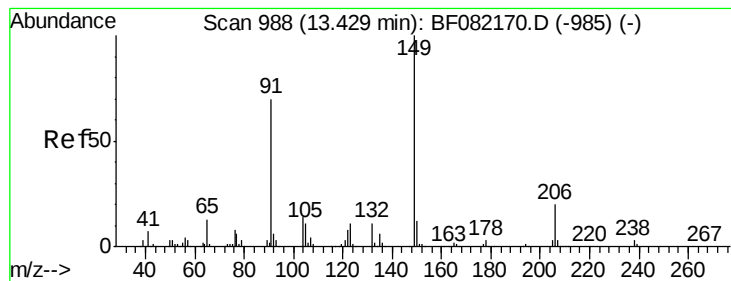
Tgt Ion: 202 Resp: 757753
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.9 26.9
 203 18.2 14.5 21.7



#78
Terphenyl-d14
 Concen: 87.49 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion: 244 Resp: 1007478
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.5 5.9 8.9





#79

Butylbenzylphthalate

Concen: 39.25 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

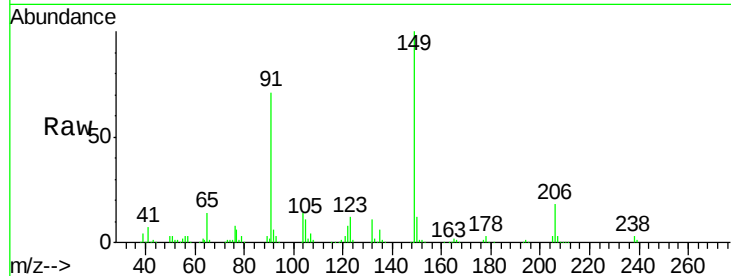
Tgt Ion:149 Resp: 324333

Ion Ratio Lower Upper

149 100

91 71.2 55.7 83.5

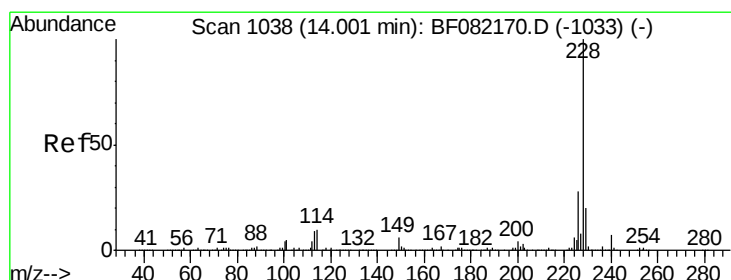
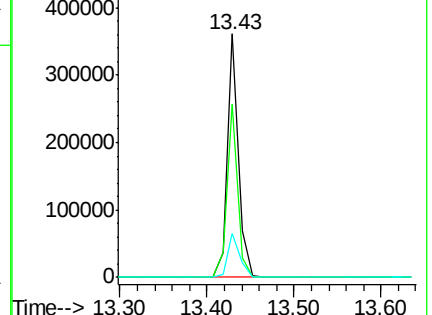
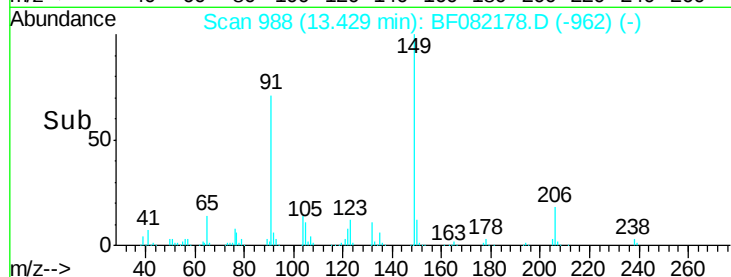
206 18.1 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.31 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

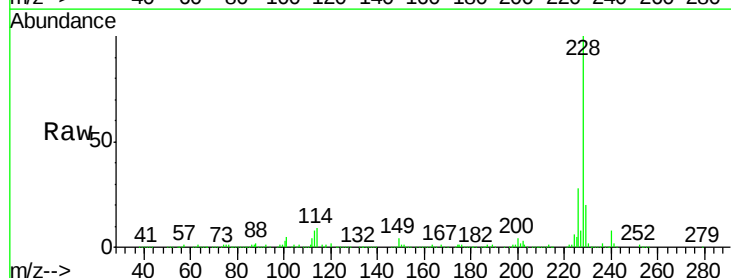
Tgt Ion:228 Resp: 671666

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

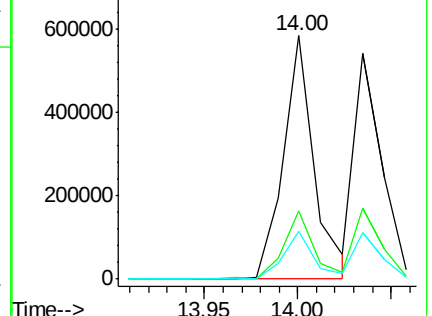
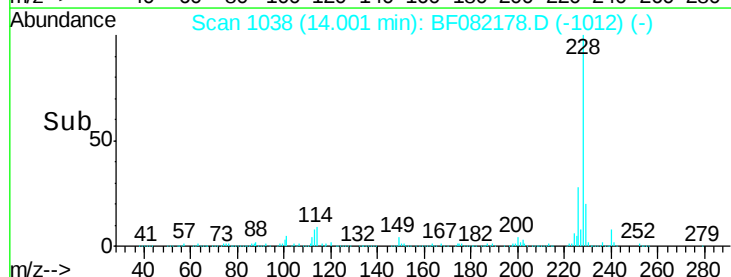
229 19.9 16.2 24.2

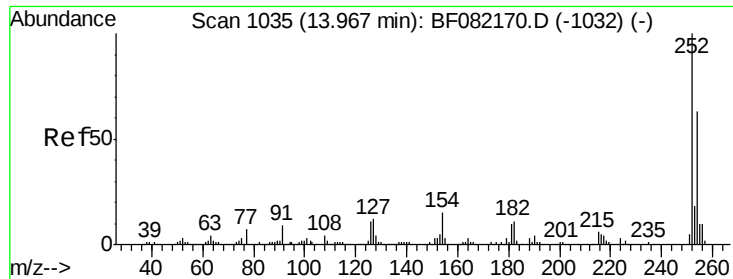


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

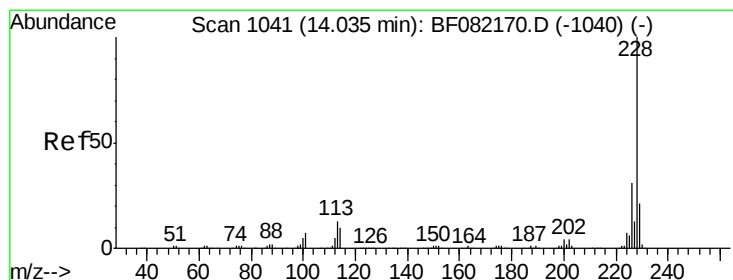
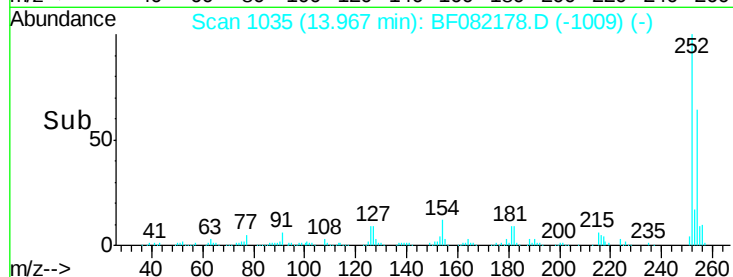
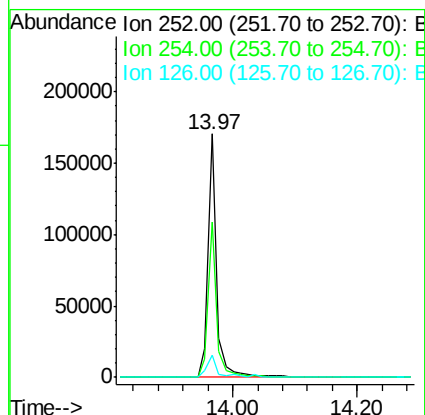
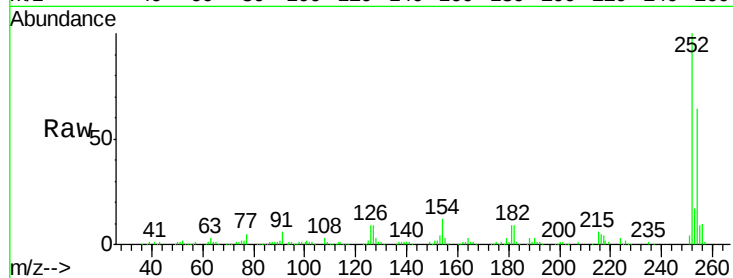




#81
 3,3'-Dichlorobenzidine
 Concen: 27.68 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

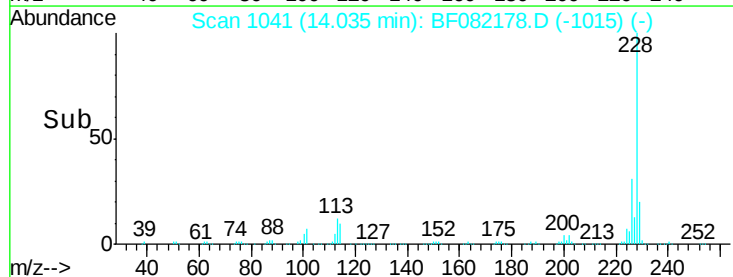
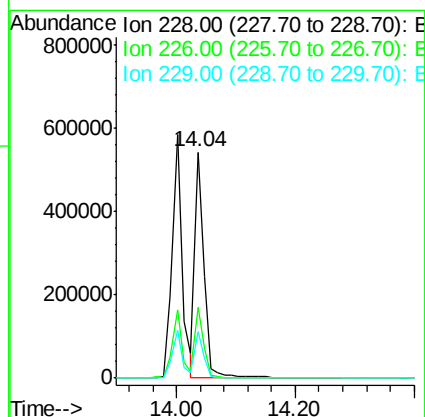
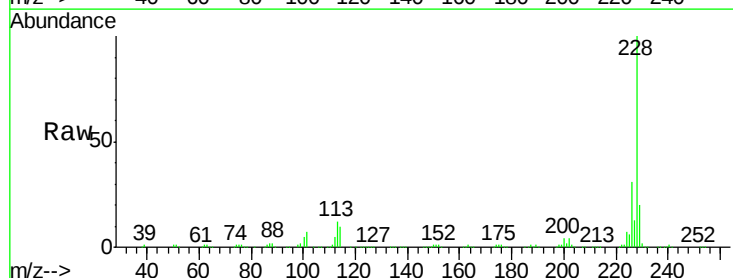
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

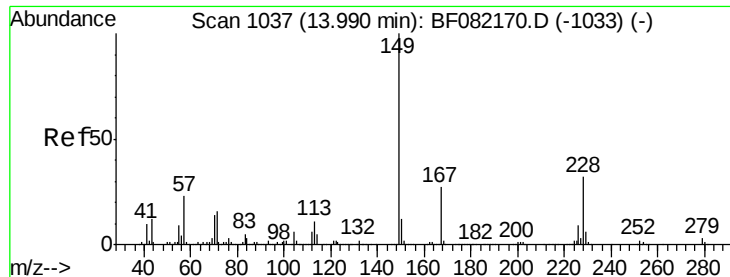
Tgt Ion:252 Resp: 166830
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.7 76.1
 126 9.1 9.0 13.6



#82
 Chrysene
 Concen: 35.20 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion:228 Resp: 588923
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.5 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.37 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

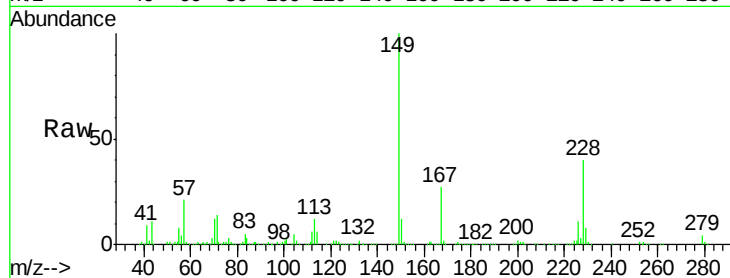
Tgt Ion:149 Resp: 475958

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

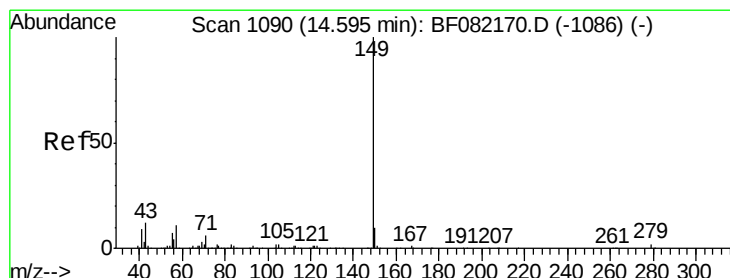
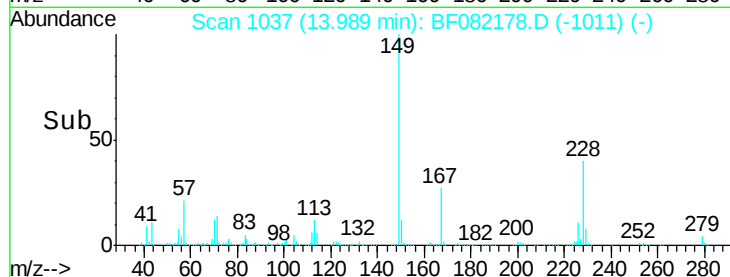
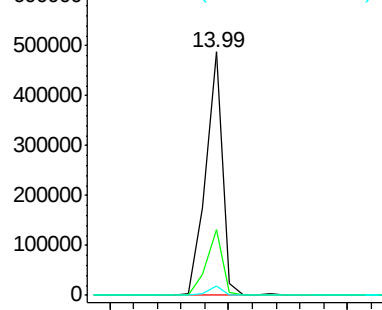
279 3.8 2.6 4.0



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: 38.34 ng

RT: 14.60 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

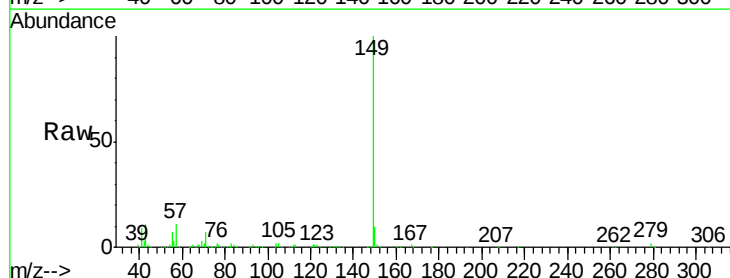
Tgt Ion:149 Resp: 776209

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

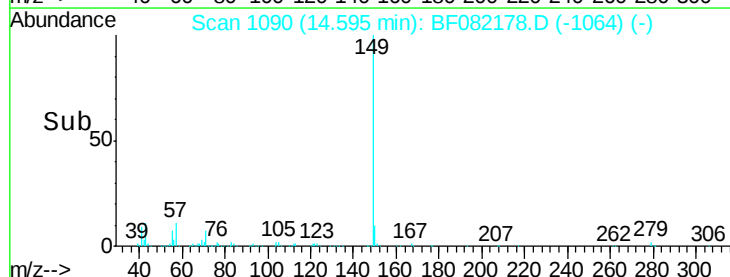
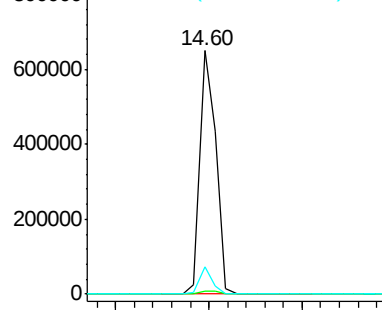
43 9.4 7.4 11.2

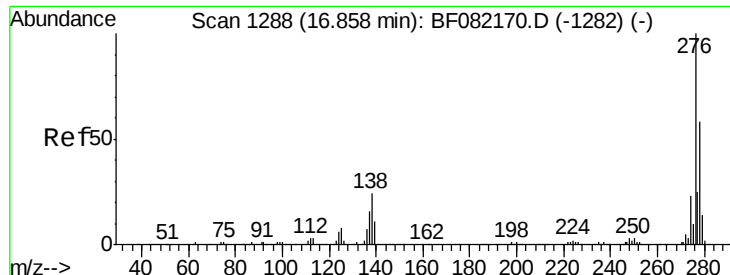


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

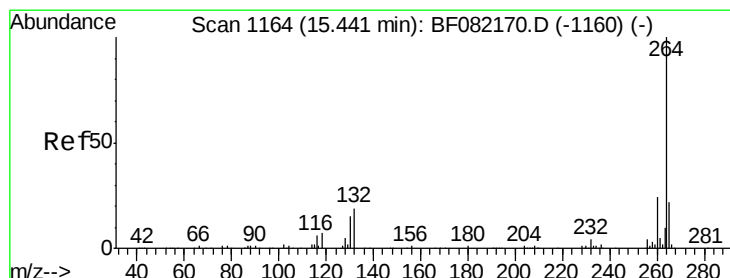
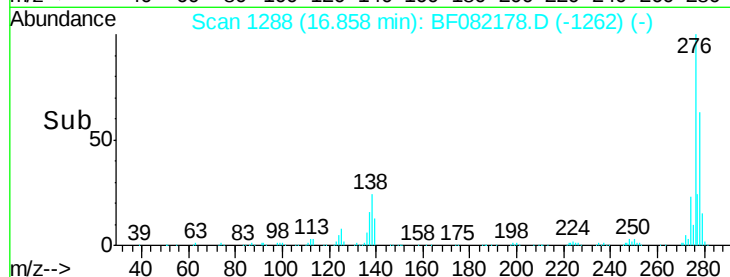
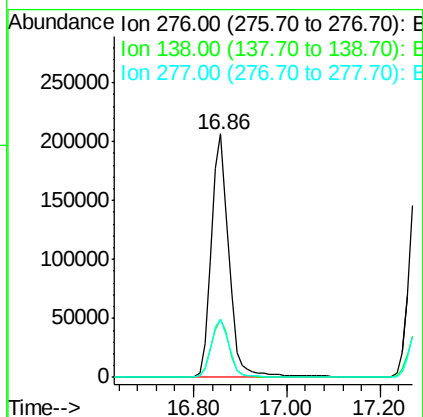
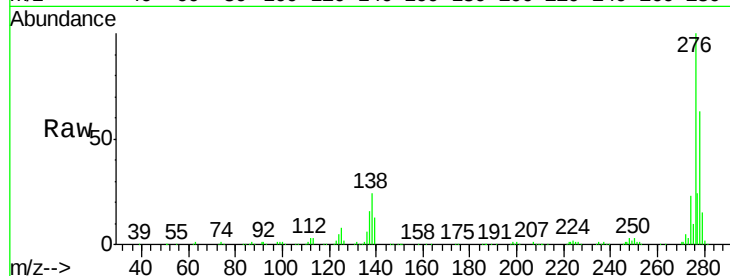




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.13 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

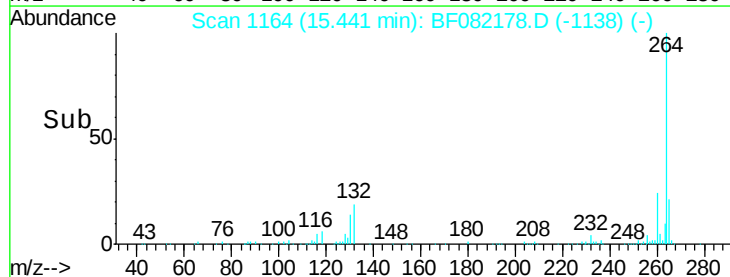
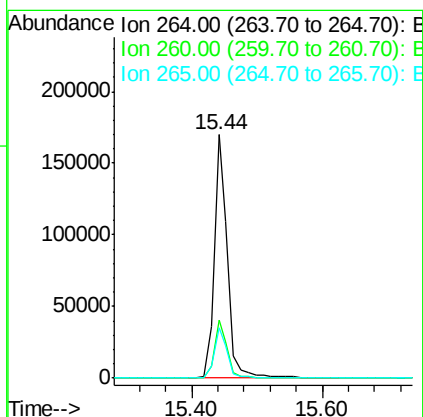
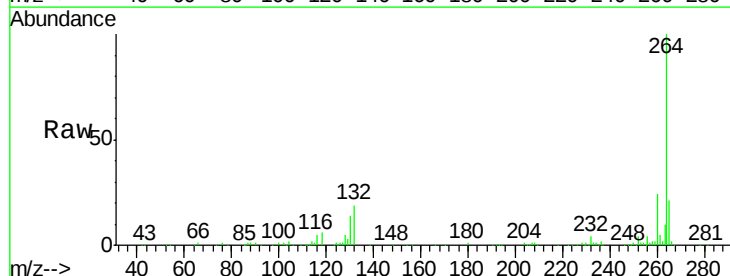
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BS

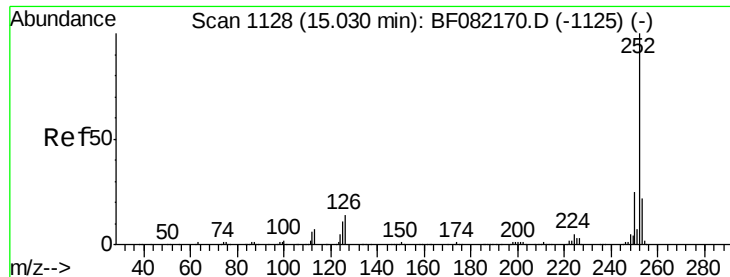
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.7	29.5
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082178.D
 Acq: 10 Oct 2015 16:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	20.8	17.3	25.9

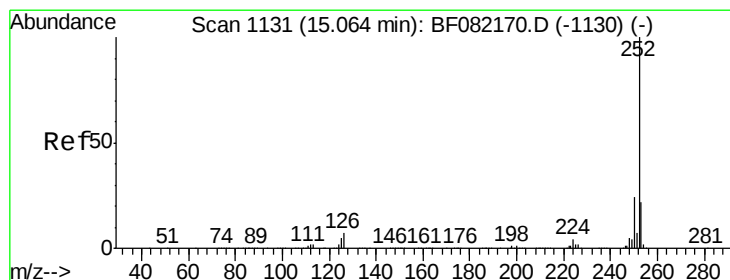
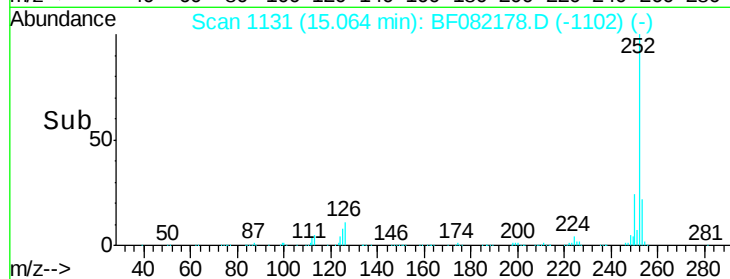
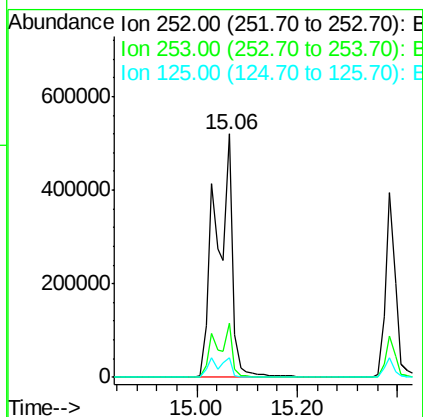
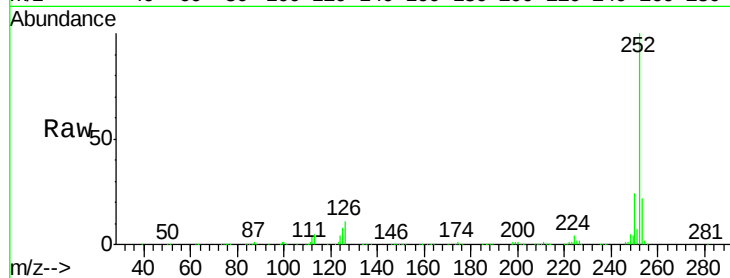




#87
Benzo(b)fluoranthene
Concen: 81.47 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

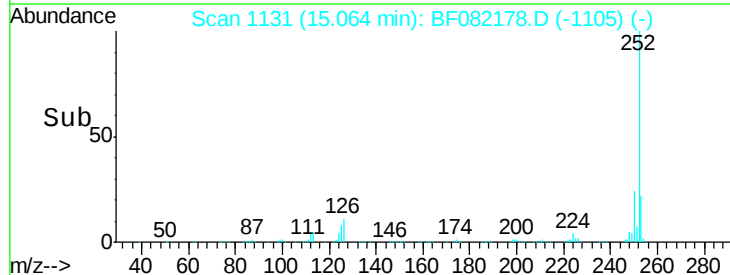
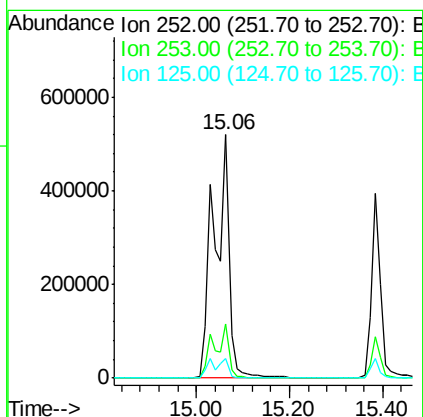
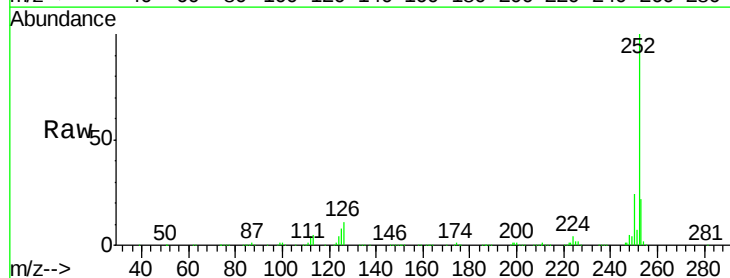
Instrument :
BNA_F
ClientSampleId :
PB86017BS

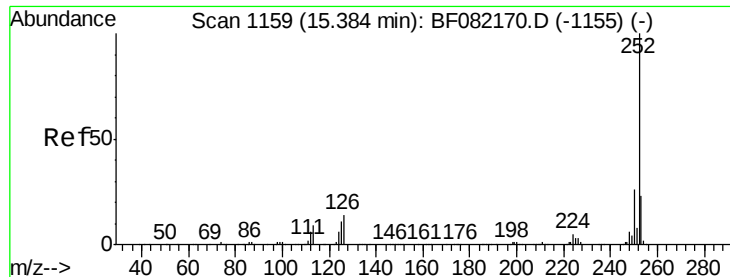
Tgt Ion:252 Resp: 1196896
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 7.9 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 97.03 ng
RT: 15.06 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF082178.D
Acq: 10 Oct 2015 16:06

Tgt Ion:252 Resp: 1198121
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 7.9 6.7 10.1





#89

Benzo(a)pyrene

Concen: 43.73 ng

RT: 15.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

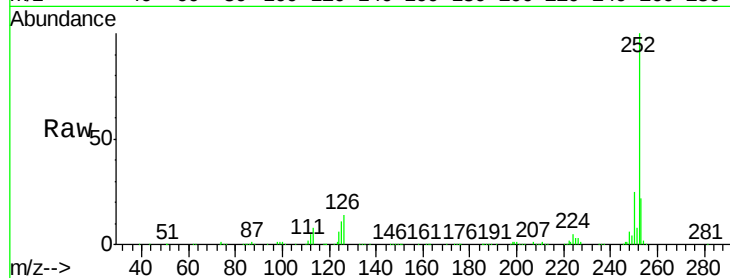
Tgt Ion:252 Resp: 552048

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

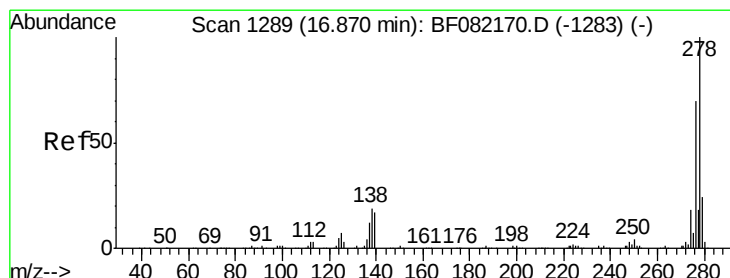
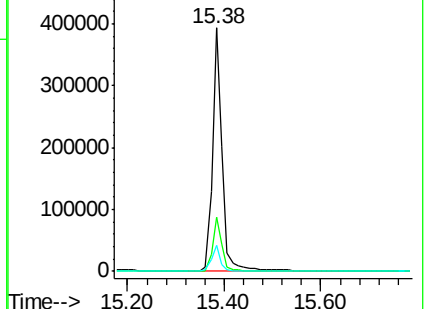
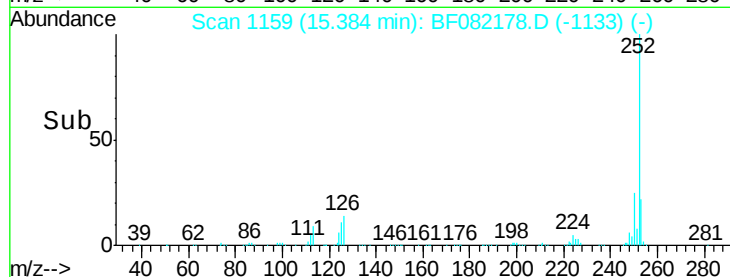
125 10.8 8.9 13.3



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: 44.10 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

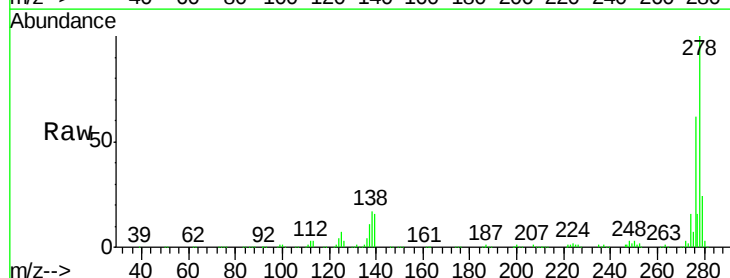
Tgt Ion:278 Resp: 456275

Ion Ratio Lower Upper

278 100

139 15.7 13.3 19.9

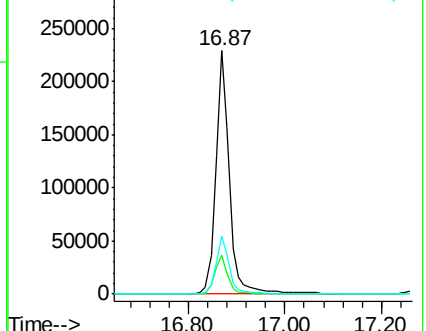
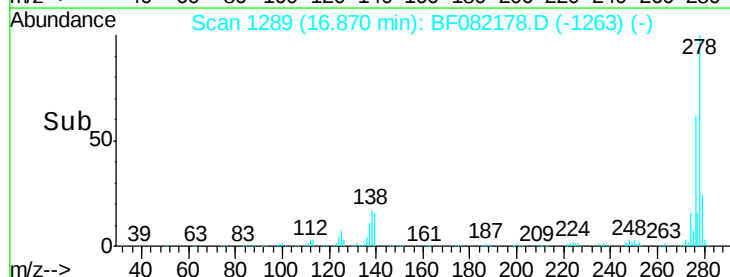
279 24.0 18.9 28.3

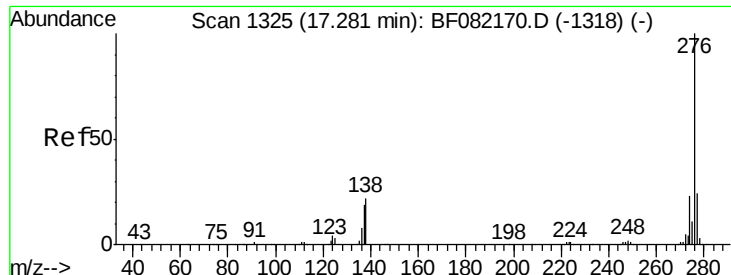


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.08 ng

RT: 17.28 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF082178.D

Acq: 10 Oct 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86017BS

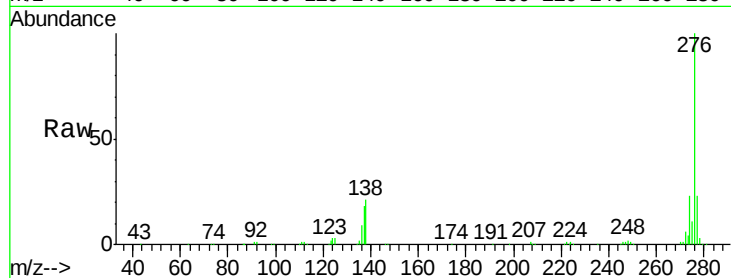
Tgt Ion: 276 Resp: 443092

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 21.4 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

