

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101315\
 Data File : BF082251.D
 Acq On : 13 Oct 2015 9:25
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 13 10:54:44 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	76924	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	314038	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	146547	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	301960	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	277875	20.00	ng	0.00
86) Perylene-d12	15.44	264	224055	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	294297	77.21	ng	-0.01
7) Phenol-d6	6.47	99	390448	78.72	ng	-0.01
23) Nitrobenzene-d5	7.41	82	360951	77.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	119469	86.93	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	708538	80.18	ng	-0.01
78) Terphenyl-d14	12.95	244	735125	70.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	75470	39.41	ng	94
3) Pyridine	3.10	79	186545	41.88	ng	98
4) n-Nitrosodimethylamine	3.06	42	73896	39.12	ng	94
6) Aniline	6.49	93	258778	40.47	ng	# 72
8) 2-Chlorophenol	6.62	128	186817	40.15	ng	91
9) Benzaldehyde	6.38	77	102787	40.58	ng	93
10) Phenol	6.48	94	204587	35.78	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	180292	37.28	ng	95
12) 1,3-Dichlorobenzene	7.01	146	205449	37.91	ng	98
13) 1,4-Dichlorobenzene	6.85	146	212942	37.63	ng	95
14) 1,2-Dichlorobenzene	7.01	146	210448	39.16	ng	92
15) Benzyl Alcohol	6.98	79	146793	42.87	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	254973	37.86	ng	98
17) 2-Methylphenol	7.10	107	147788	40.17	ng	98
18) Hexachloroethane	7.35	117	72005	37.17	ng	# 74
19) n-Nitroso-di-n-propylamine	7.26	70	134524	38.62	ng	95
20) 3+4-Methylphenols	7.26	107	178783	40.78	ng	# 87
22) Acetophenone	7.25	105	235083	37.84	ng	98
24) Nitrobenzene	7.43	77	201073	39.72	ng	# 86
25) Isophorone	7.67	82	350919	37.18	ng	# 92
26) 2-Nitrophenol	7.74	139	97796	38.69	ng	# 83
27) 2,4-Dimethylphenol	7.78	122	168751	41.44	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	203928	37.13	ng	98
29) 2,4-Dichlorophenol	7.99	162	155735	38.26	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	174982	37.29	ng	97
31) Naphthalene	8.15	128	521915	38.34	ng	99
32) Benzoic acid	7.91	122	97263	35.59	ng	97
33) 4-Chloroaniline	8.19	127	215975	38.20	ng	# 94
34) Hexachlorobutadiene	8.25	225	103659	35.46	ng	98
35) Caprolactam	8.58	113	48550	41.10	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	165332	41.53	ng	91
37) 2-Methylnaphthalene	8.83	142	359520	38.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	175312	40.22	ng	97
40) Hexachlorocyclopentadiene	8.98	237	54245	30.35	ng	99

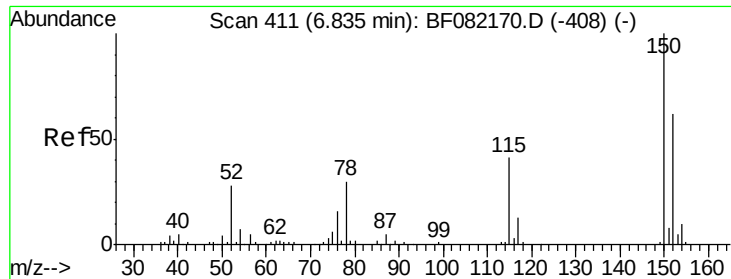
Data Path : Z:\HPCHEM1\BNA_F\Data\BF101315\
 Data File : BF082251.D
 Acq On : 13 Oct 2015 9:25
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	119589	41.31	ng	98
43) 2,4,5-Trichlorophenol	9.15	196	126145	40.22	ng #	87
45) 1,1'-Biphenyl	9.30	154	461875	41.33	ng	96
46) 2-Chloronaphthalene	9.33	162	361267	41.07	ng	95
47) 2-Nitroaniline	9.43	65	107852	44.66	ng	88
48) Acenaphthylene	9.74	152	532091	38.83	ng	99
49) Dimethylphthalate	9.61	163	420394	40.74	ng #	98
50) 2,6-Dinitrotoluene	9.67	165	86396	39.68	ng #	74
51) Acenaphthene	9.91	154	305988	37.19	ng	99
52) 3-Nitroaniline	9.84	138	105802	43.02	ng	86
53) 2,4-Dinitrophenol	9.95	184	31095	29.91	ng #	89
54) Dibenzofuran	10.08	168	443655	39.28	ng	97
55) 4-Nitrophenol	10.01	139	57697	41.82	ng	94
56) 2,4-Dinitrotoluene	10.08	165	119302	43.84	ng	90
57) Fluorene	10.42	166	366228	39.48	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	110418	43.09	ng	94
59) Diethylphthalate	10.31	149	400474	41.63	ng	96
60) 4-Chlorophenyl-phenylether	10.42	204	181976	42.82	ng #	84
61) 4-Nitroaniline	10.46	138	107090	44.89	ng	95
62) Azobenzene	10.58	77	392944	41.74	ng	89
64) 4,6-Dinitro-2-methylphenol	10.48	198	55055	32.49	ng #	63
65) n-Nitrosodiphenylamine	10.54	169	336431	37.21	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	113671	37.61	ng #	84
67) Hexachlorobenzene	10.97	284	123451	37.77	ng #	78
68) Atrazine	11.07	200	123189	43.01	ng	96
69) Pentachlorophenol	11.17	266	63825	37.95	ng	94
70) Phenanthrene	11.39	178	589125	39.80	ng	99
71) Anthracene	11.44	178	607317	39.82	ng	100
72) Carbazole	11.60	167	555541	39.93	ng	99
73) Di-n-butylphthalate	11.93	149	653469	38.07	ng #	98
74) Fluoranthene	12.58	202	627173	39.45	ng	96
76) Benzidine	12.71	184	297519	36.95	ng	99
77) Pyrene	12.81	202	668572	40.54	ng	98
79) Butylbenzylphthalate	13.43	149	296258	39.37	ng	90
80) Benzo(a)anthracene	14.00	228	551453	38.14	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	208003	37.90	ng #	99
82) Chrysene	14.04	228	567094	37.23	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	371035	34.56	ng #	98
84) Di-n-octyl phthalate	14.60	149	597782	32.42	ng	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	509863	42.11	ng	100
87) Benzo(b)fluoranthene	15.03	252	449416	32.97	ng	98
88) Benzo(k)fluoranthene	15.03	252	449416	39.22	ng	100
89) Benzo(a)pyrene	15.38	252	436354	37.25	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	419239	43.67	ng	98
91) Benzo(g,h,i)perylene	17.28	276	423387	45.40	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.00 min

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SSTDCCC040EC

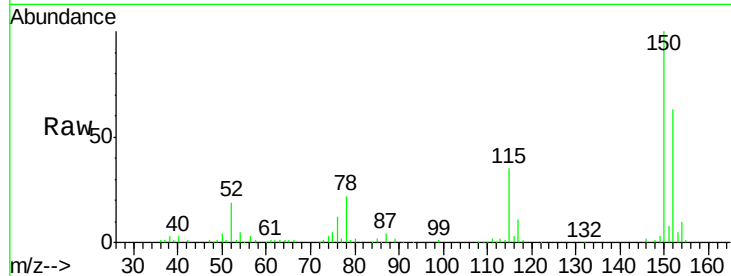
Tgt Ion:152 Resp: 76924

Ion Ratio Lower Upper

152 100

150 160.0 129.0 193.4

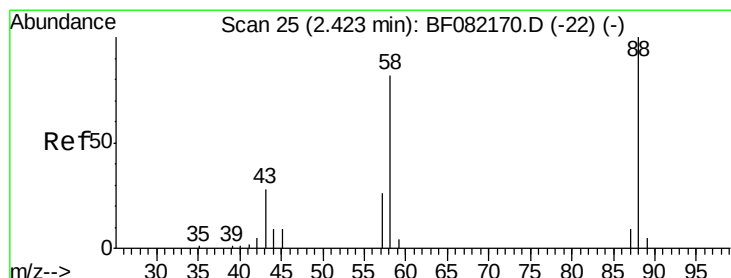
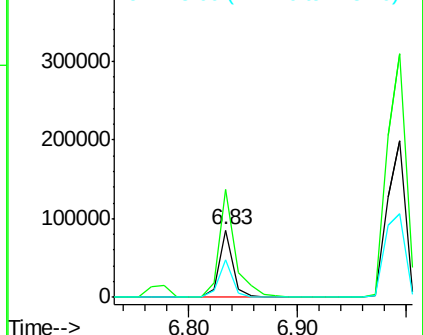
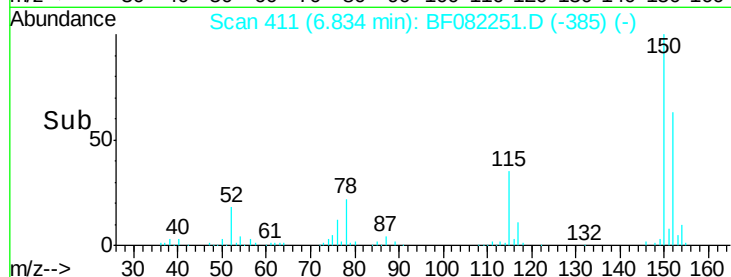
115 56.4 52.1 78.1



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: 39.41 ng

RT: 2.38 min Scan# 21

Delta R.T. -0.05 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

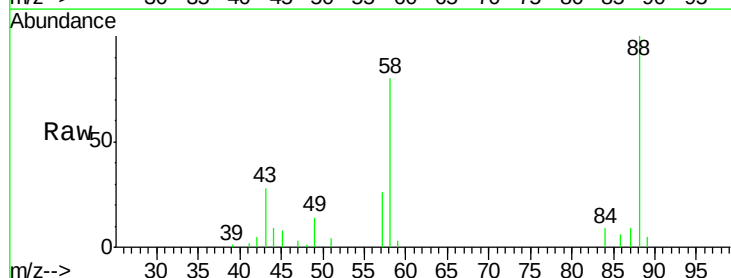
Tgt Ion: 88 Resp: 75470

Ion Ratio Lower Upper

88 100

58 76.6 66.2 99.4

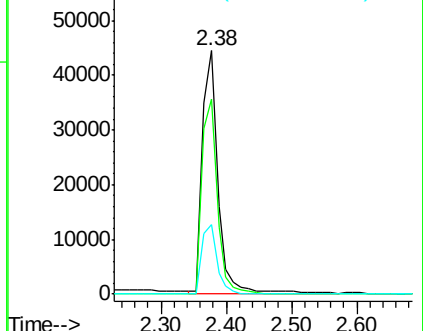
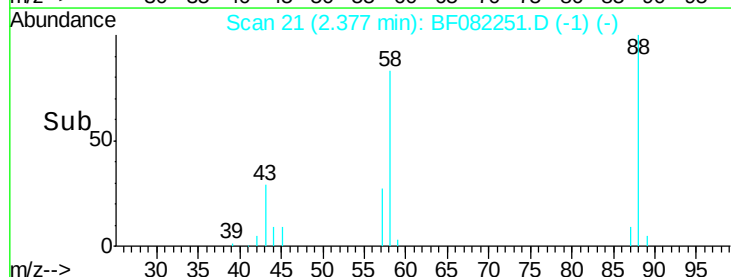
43 26.9 23.0 34.4

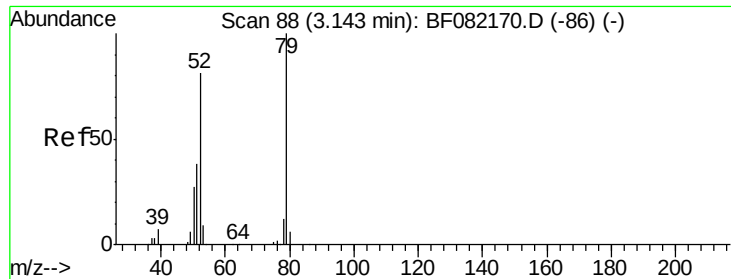


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

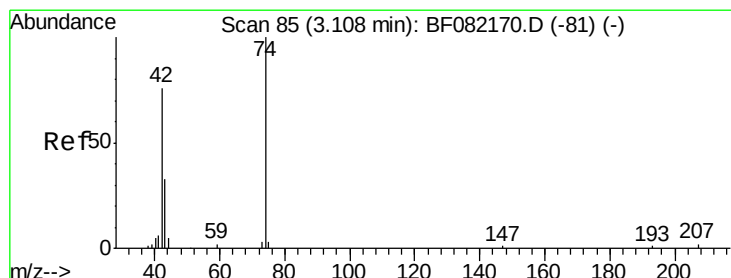
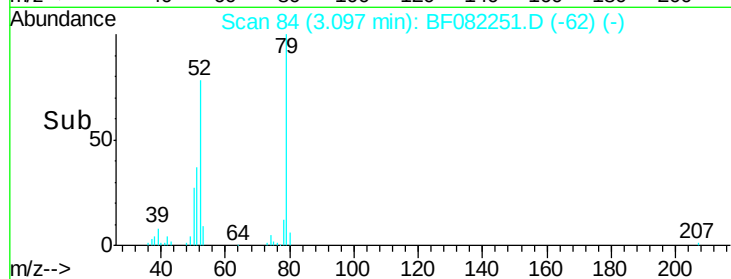
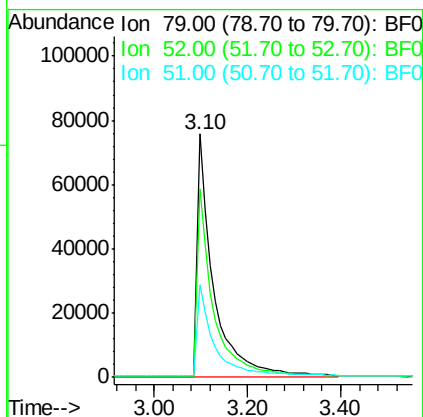
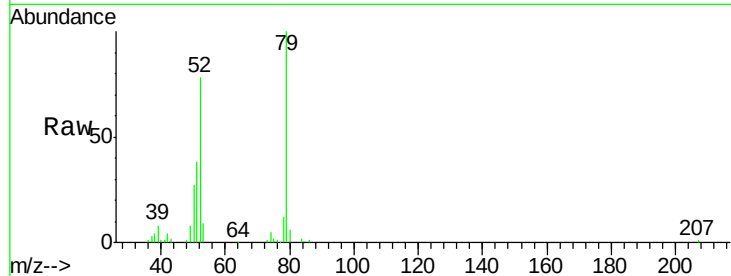




#3
 Pyridine
 Concen: 41.88 ng
 RT: 3.10 min Scan# 84
 Delta R.T. -0.05 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

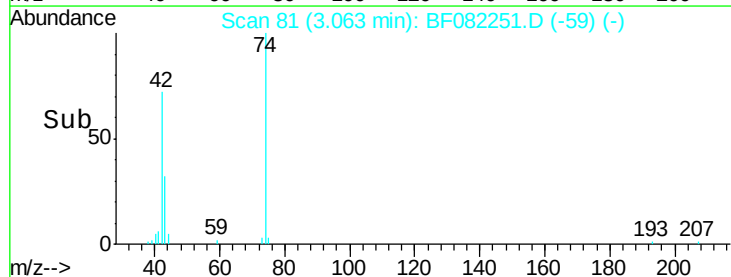
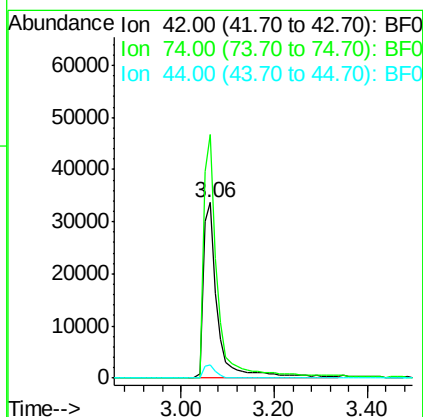
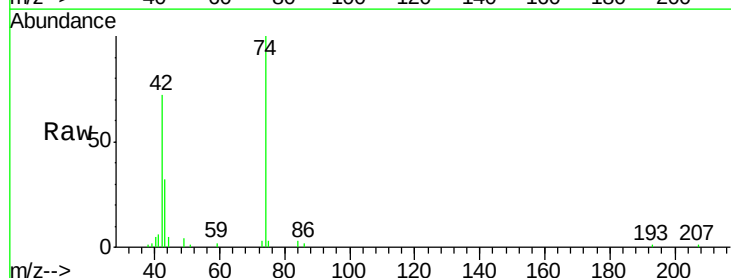
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

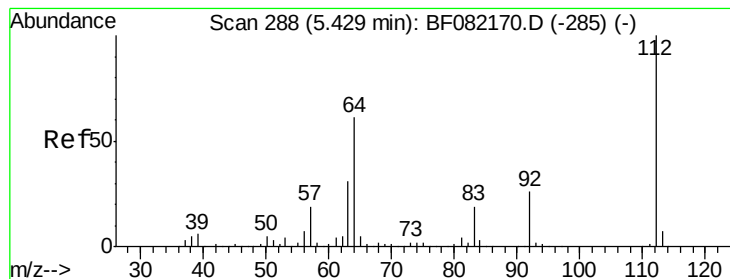
Tgt Ion: 79 Resp: 186545
 Ion Ratio Lower Upper
 79 100
 52 77.7 64.4 96.6
 51 37.8 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 39.12 ng
 RT: 3.06 min Scan# 81
 Delta R.T. -0.05 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion: 42 Resp: 73896
 Ion Ratio Lower Upper
 42 100
 74 138.8 105.7 158.5
 44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 77.21 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

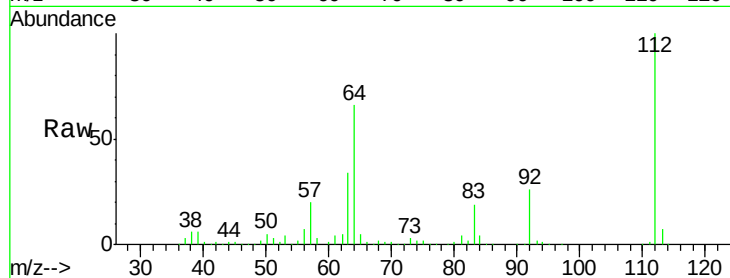
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

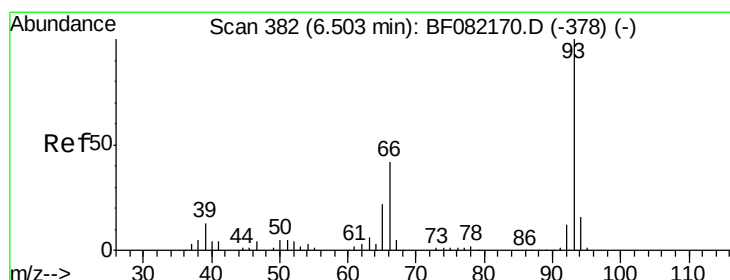
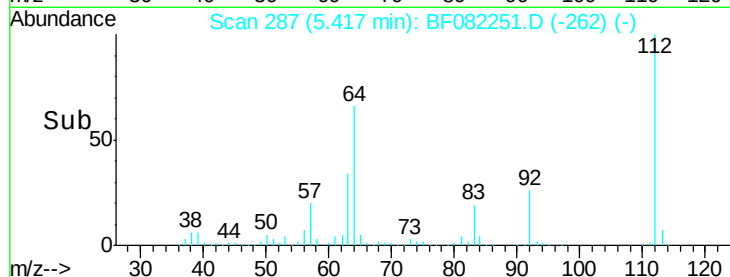
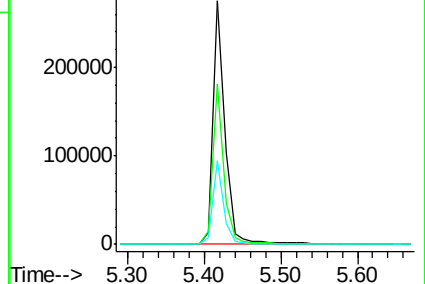
Tgt Ion:	112	Resp:	294297
Ion Ratio	Lower	Upper	
112	100		
64	65.6	48.6	73.0
63	34.4	25.1	37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.47 ng

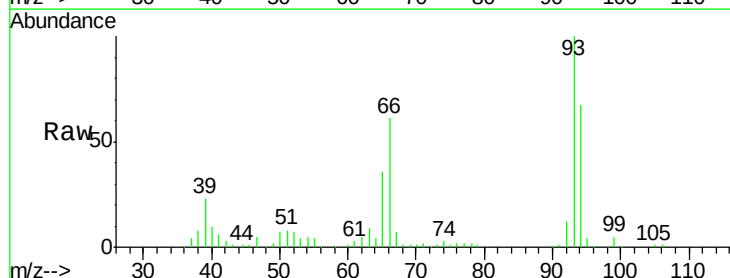
RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

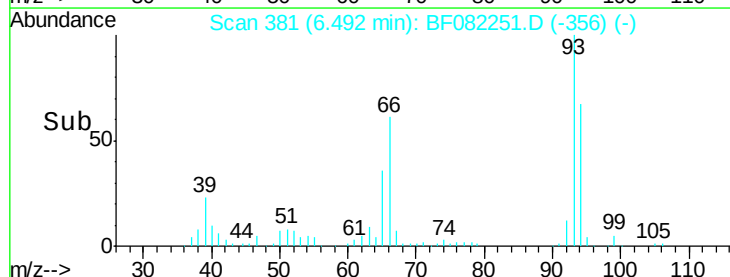
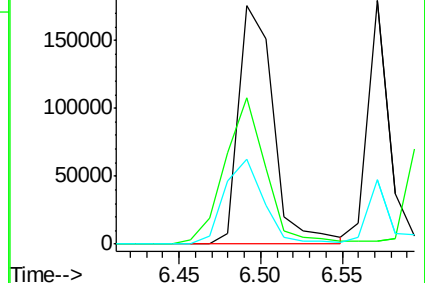
Tgt Ion:	93	Resp:	258778
Ion Ratio	Lower	Upper	
93	100		
66	61.1	34.2	51.2#
65	35.7	17.9	26.9#

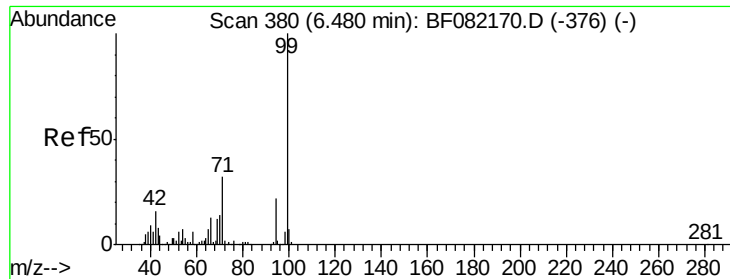


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.72 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

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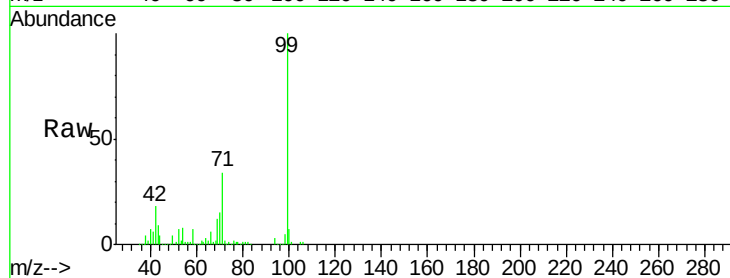
Tgt Ion: 99 Resp: 390448

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

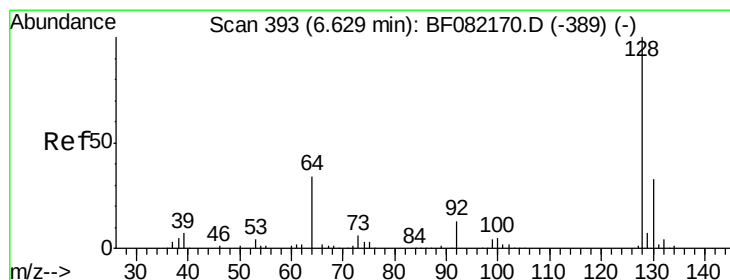
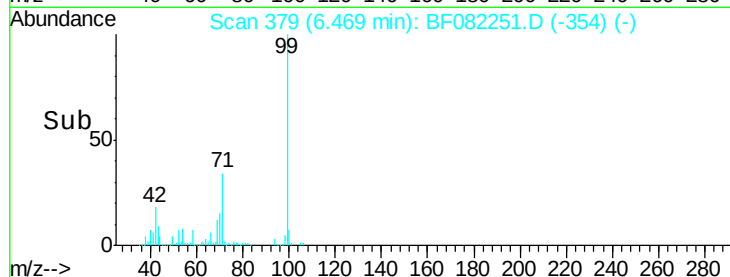
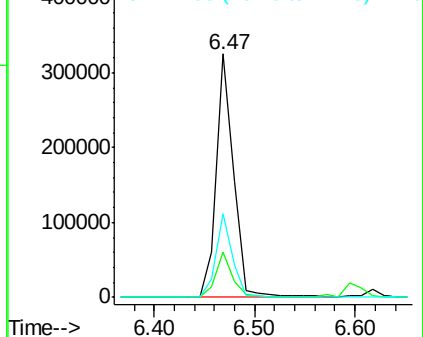
71 34.2 25.6 38.4



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: 40.15 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

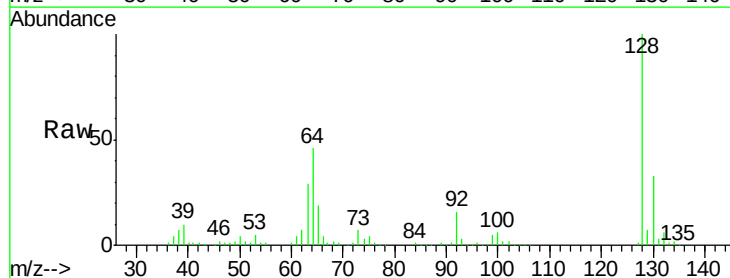
Tgt Ion: 128 Resp: 186817

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

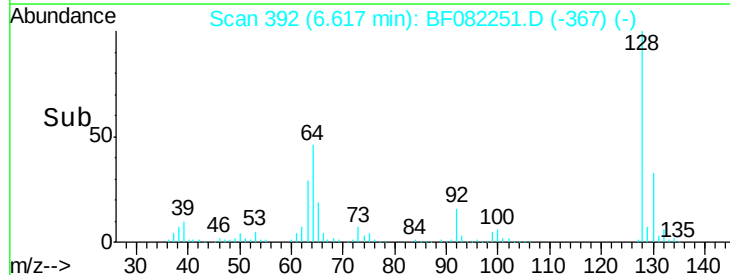
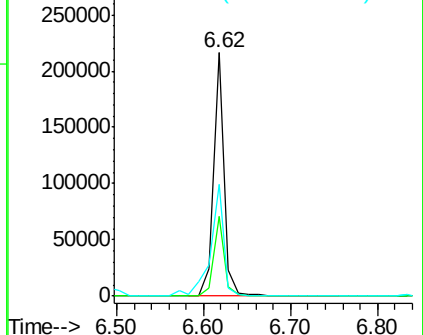
64 46.0 16.7 56.7

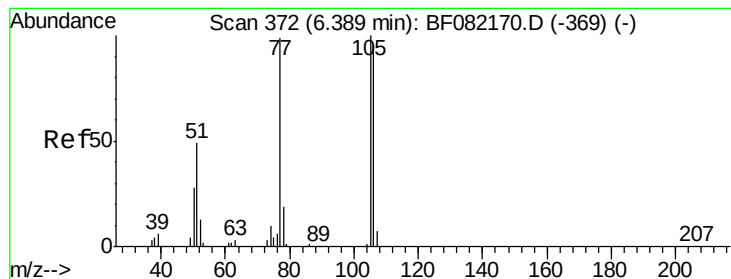


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.58 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

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ClientSampleId :

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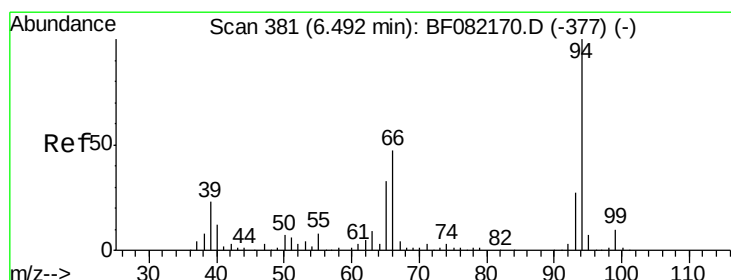
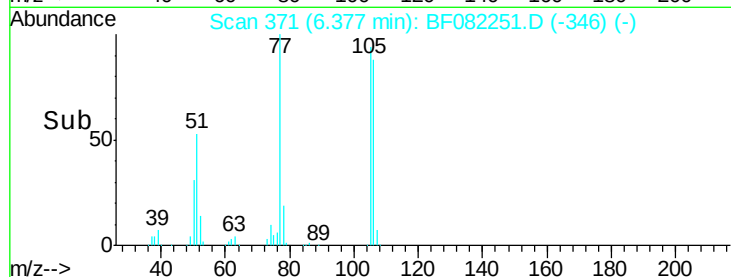
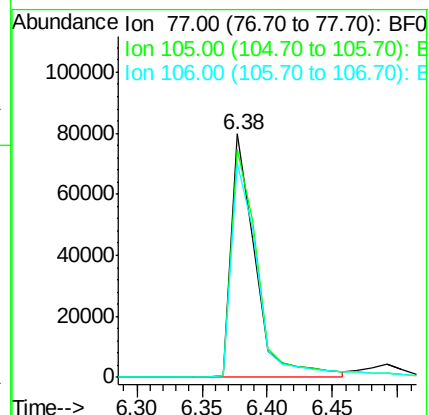
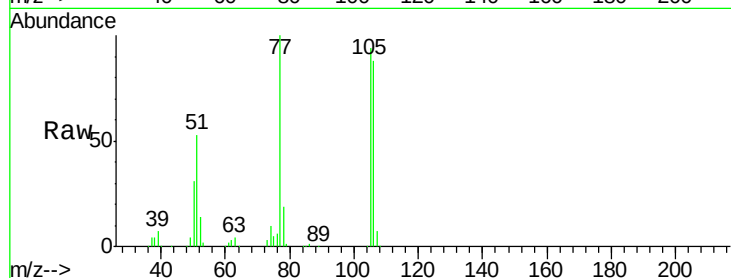
Tgt Ion: 77 Resp: 102787

Ion Ratio Lower Upper

77 100

105 93.9 80.6 120.6

106 87.7 75.5 115.5



#10

Phenol

Concen: 35.78 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

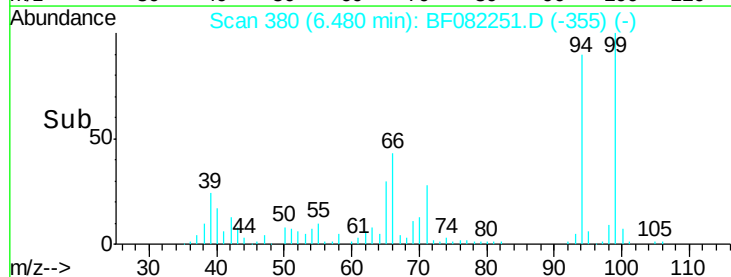
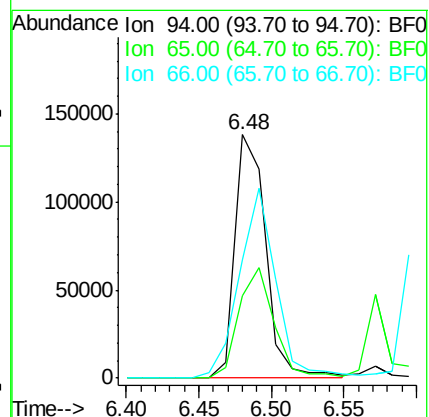
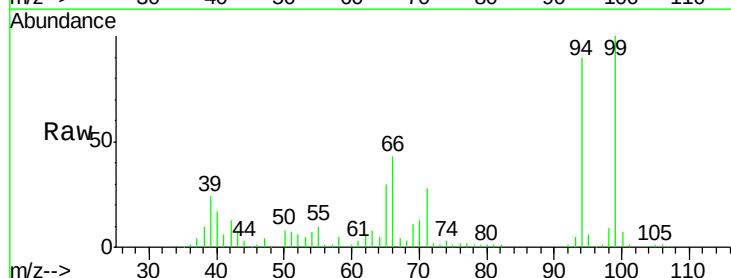
Tgt Ion: 94 Resp: 204587

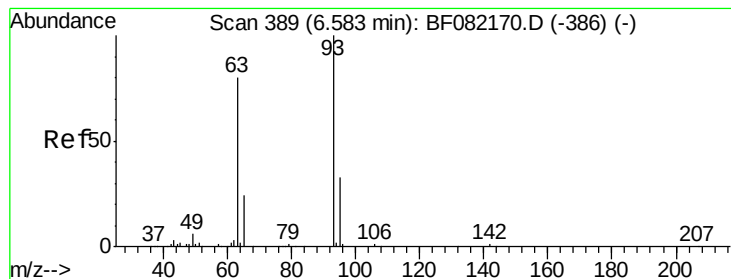
Ion Ratio Lower Upper

94 100

65 33.7 12.6 52.6

66 48.3 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 37.28 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

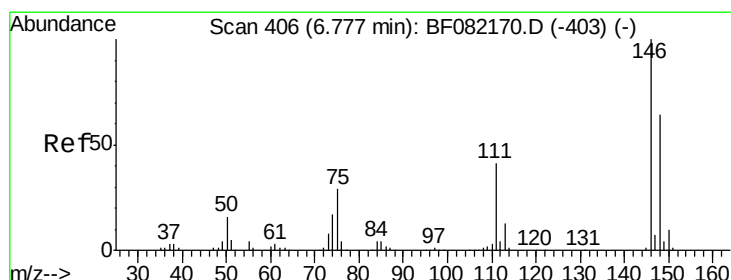
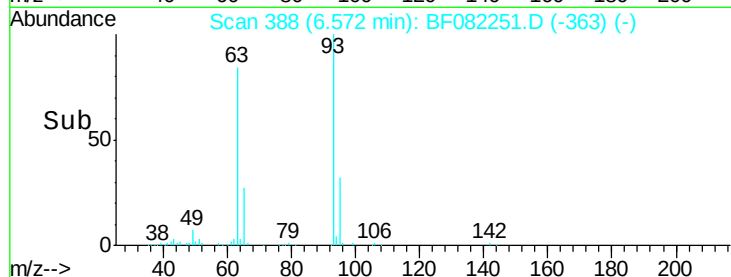
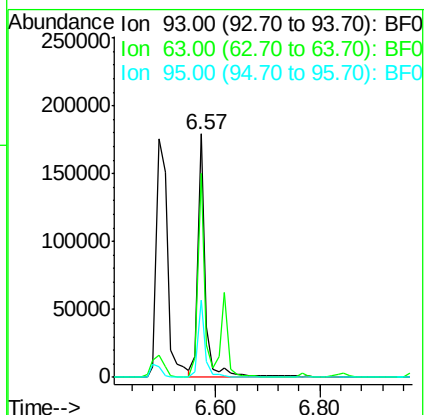
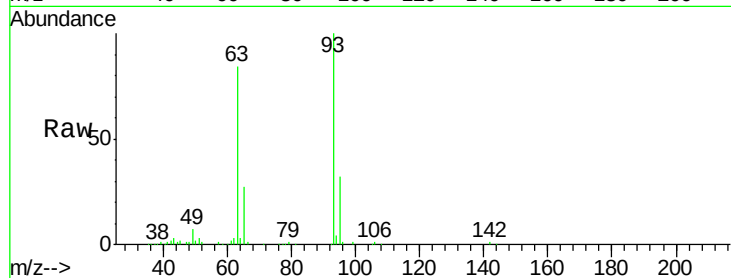
Tgt Ion: 93 Resp: 180292

Ion Ratio Lower Upper

93 100

63 83.7 57.1 97.1

95 32.0 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 37.91 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.23 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

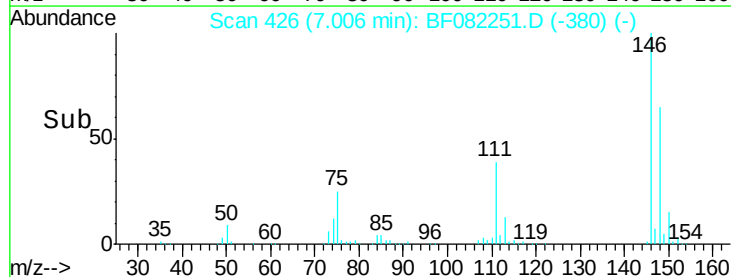
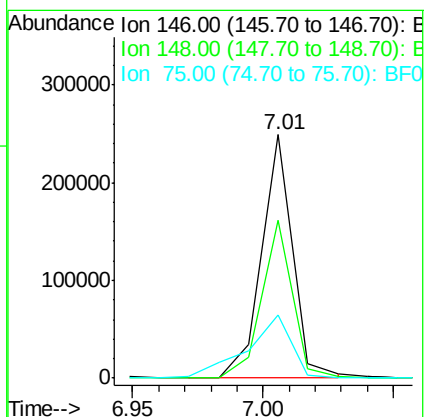
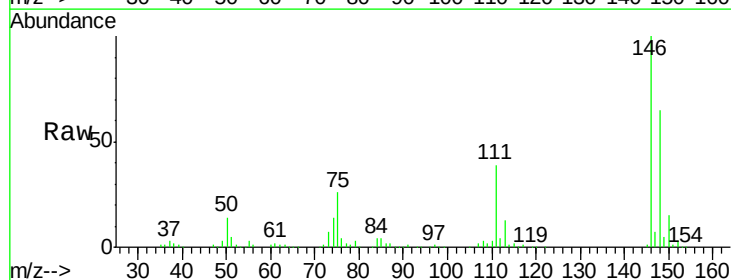
Tgt Ion: 146 Resp: 205449

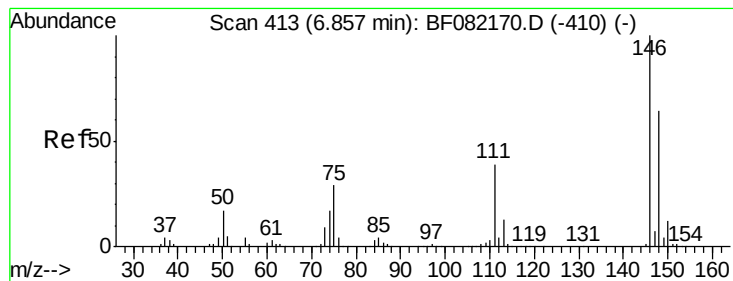
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

75 25.8 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 37.63 ng

RT: 6.85 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

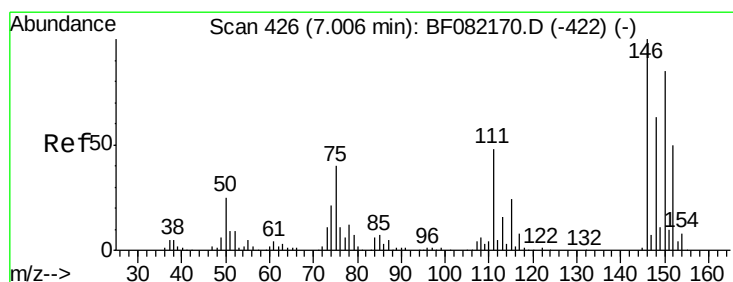
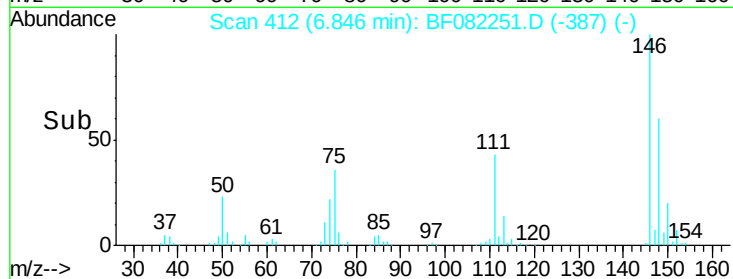
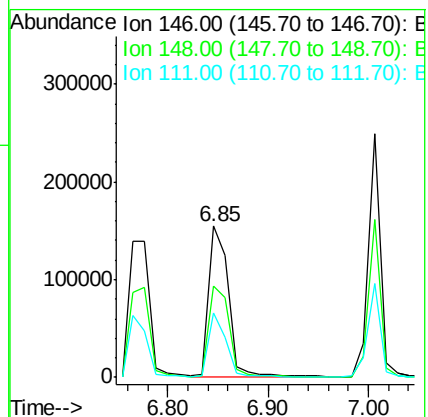
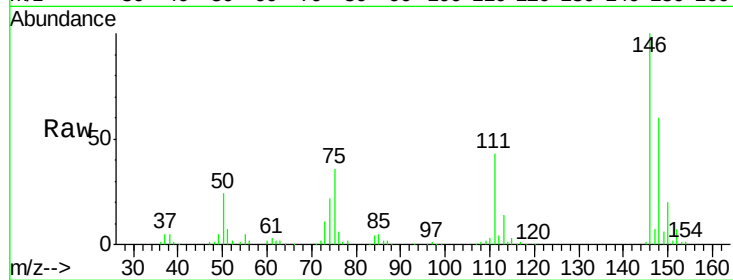
Tgt Ion:146 Resp: 212942

Ion Ratio Lower Upper

146 100

148 60.0 51.0 76.4

111 42.8 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 39.16 ng

RT: 7.01 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

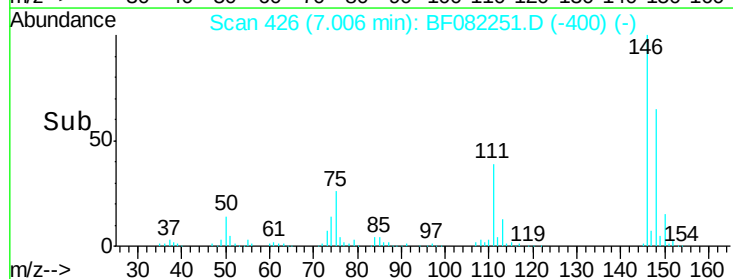
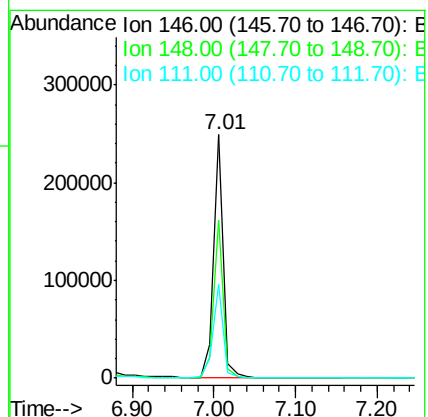
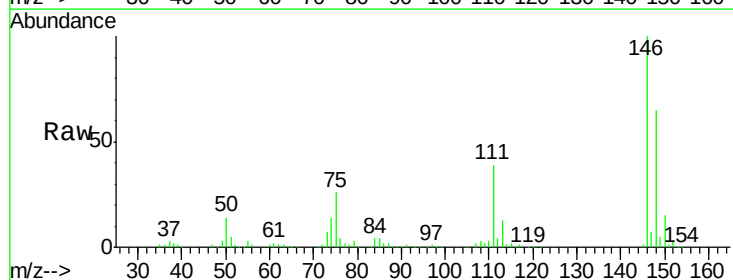
Tgt Ion:146 Resp: 210448

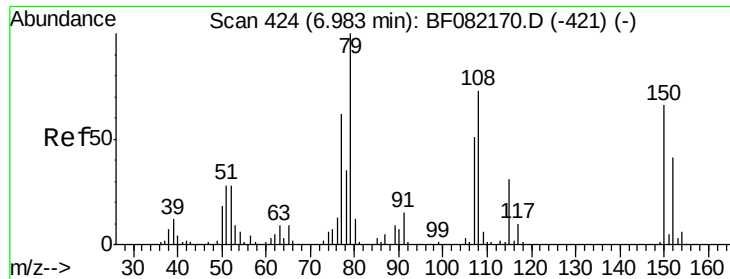
Ion Ratio Lower Upper

146 100

148 65.1 50.5 75.7

111 38.6 38.5 57.7

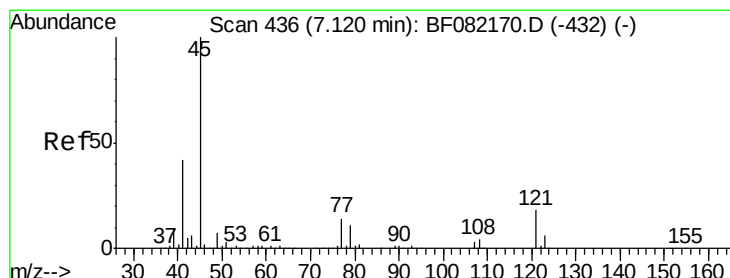
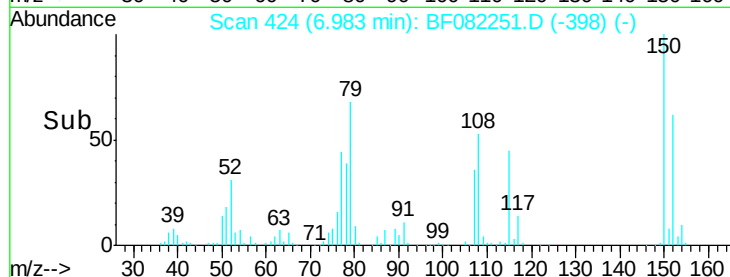
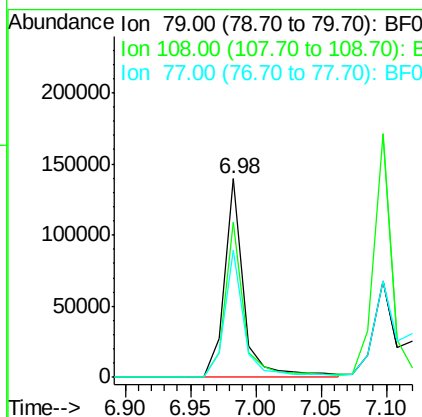
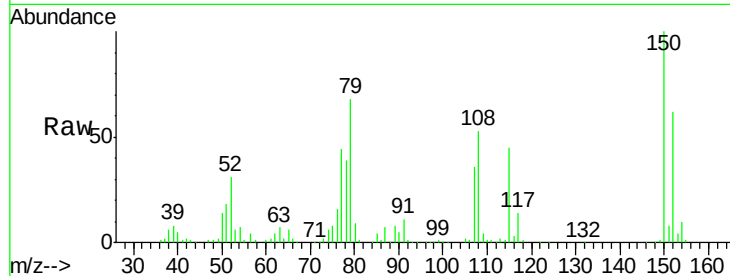




#15
Benzyl Alcohol
Concen: 42.87 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

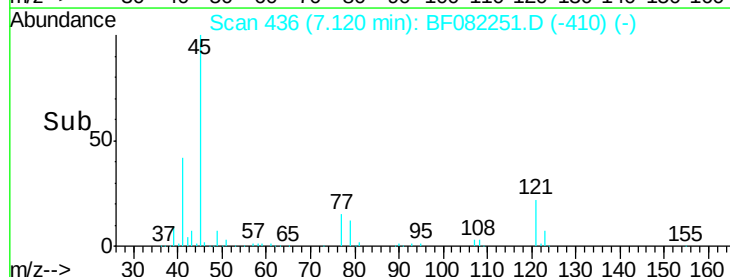
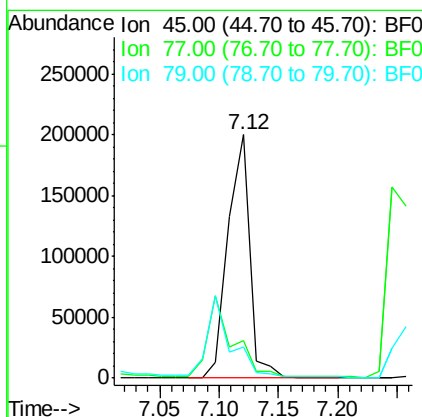
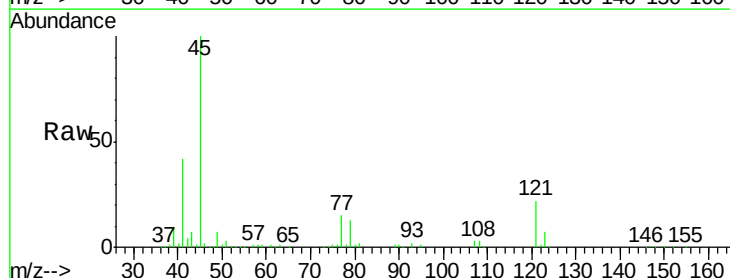
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

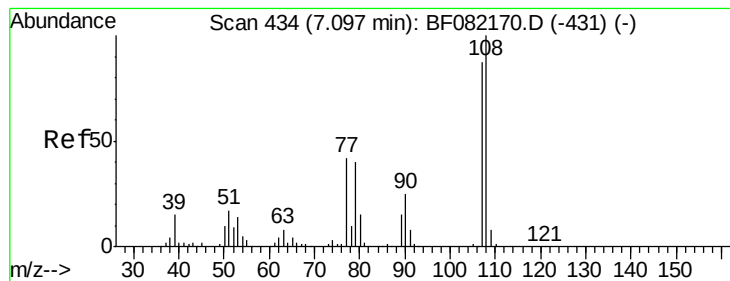
Tgt Ion: 79 Resp: 146793
Ion Ratio Lower Upper
79 100
108 78.0 58.4 87.6
77 64.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.86 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion: 45 Resp: 254973
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.5
79 12.6 0.0 31.6

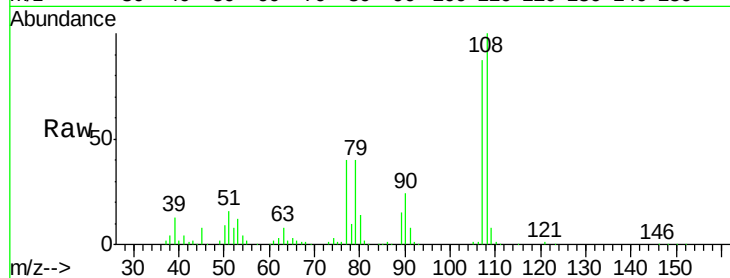




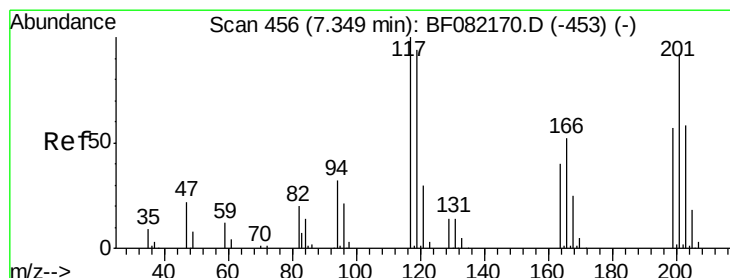
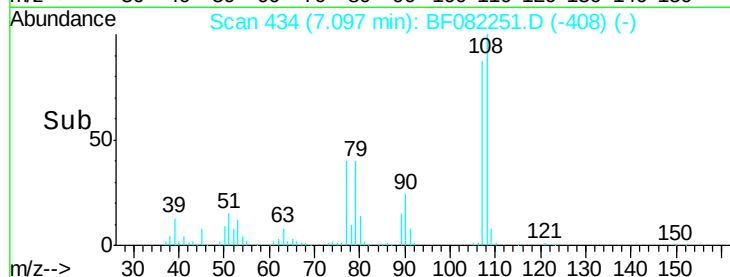
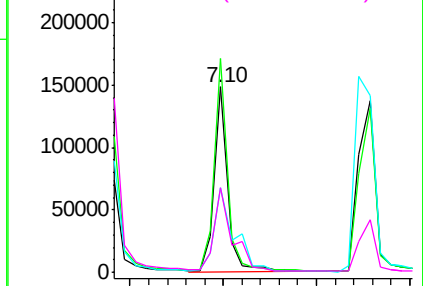
#17
2-Methylphenol
Concen: 40.17 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 147788
Ion Ratio Lower Upper
107 100
108 115.3 92.2 138.2
77 45.9 39.6 59.4
79 45.7 38.2 57.4

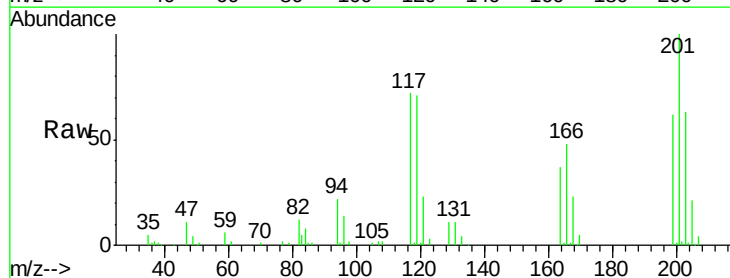


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

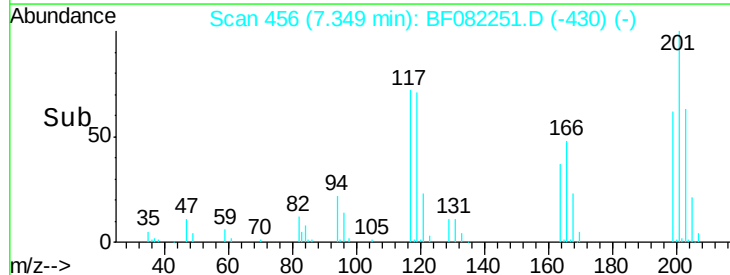
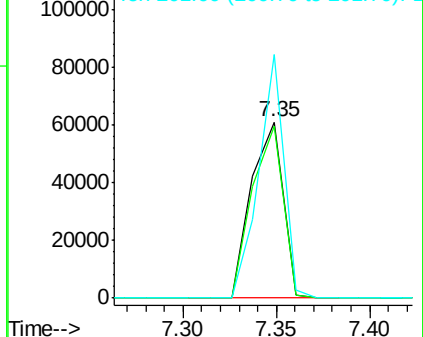


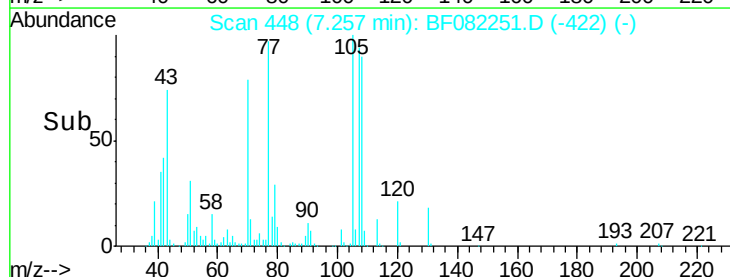
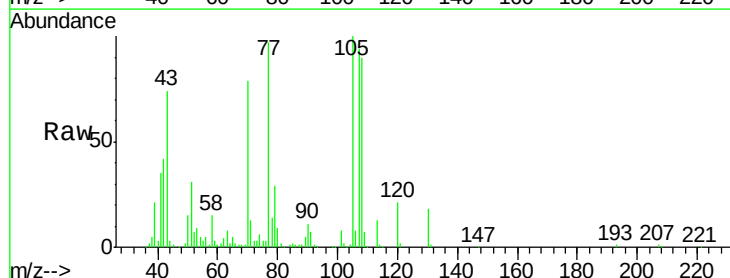
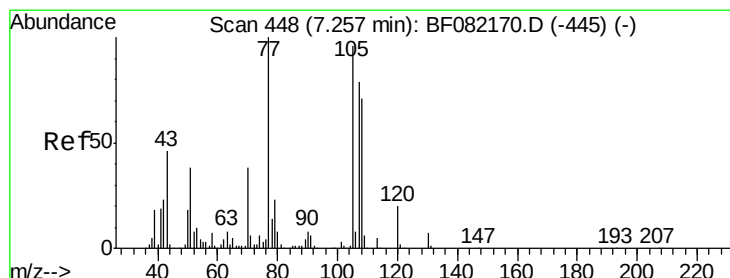
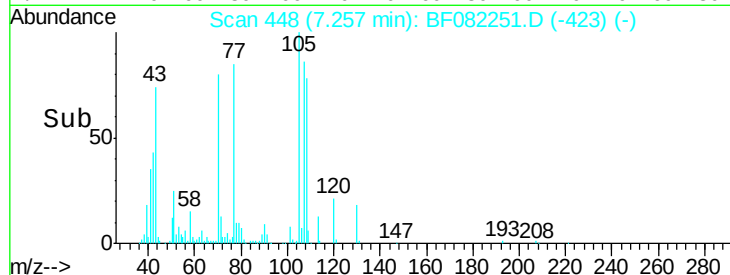
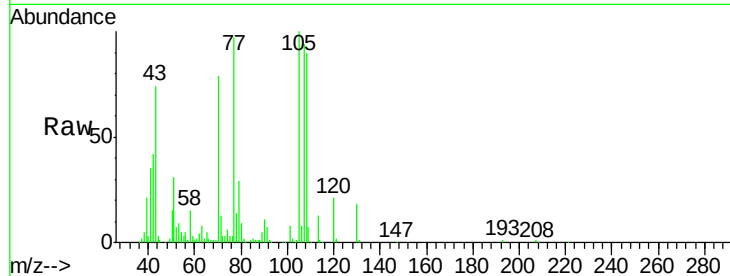
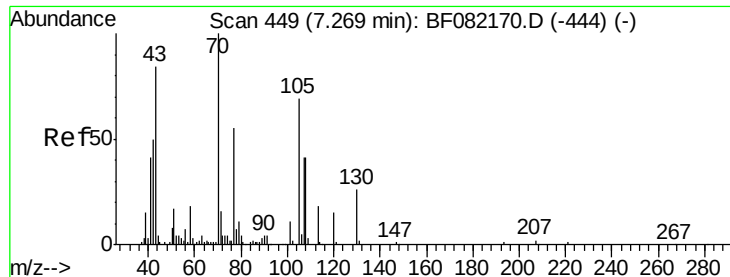
#18
Hexachloroethane
Concen: 37.17 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion:117 Resp: 72005
Ion Ratio Lower Upper
117 100
119 97.5 75.4 113.2
201 138.2 73.4 110.0#



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

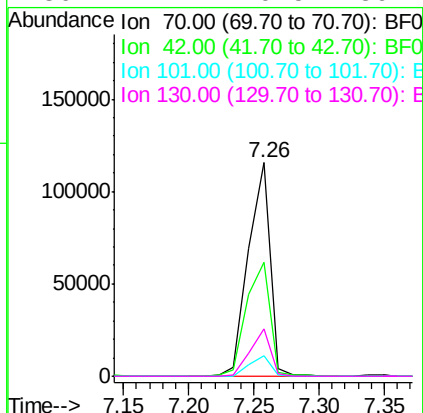




#19
n-Nitroso-di-n-propylamine
Concen: 38.62 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

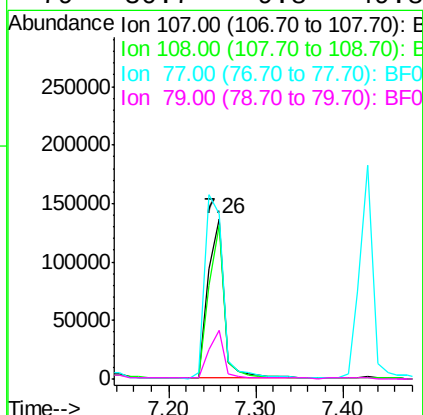
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

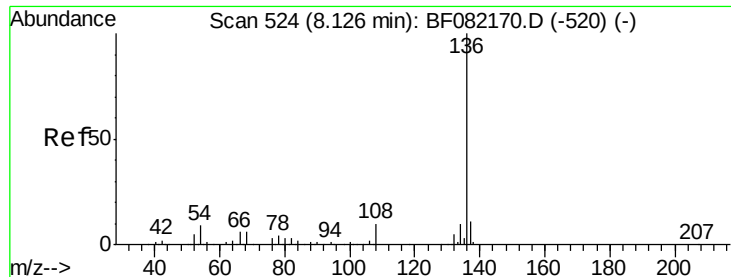
Tgt Ion: 70 Resp: 134524
Ion Ratio Lower Upper
70 100
42 53.6 39.8 59.8
101 9.8 8.6 13.0
130 22.2 20.5 30.7



#20
3+4-Methylphenols
Concen: 40.78 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion: 107 Resp: 178783
Ion Ratio Lower Upper
107 100
108 95.9 69.9 109.9
77 103.1 106.0 146.0#
79 30.7 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: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 314038

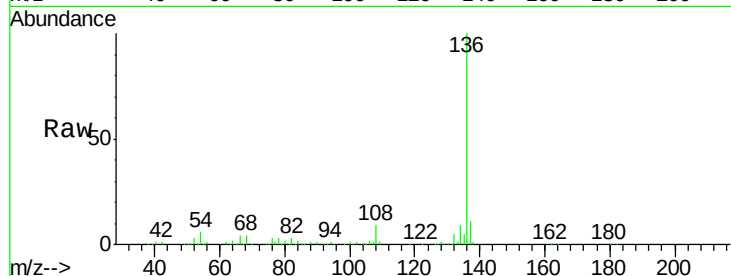
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.5 7.5 11.3#

68 4.2 4.6 7.0#

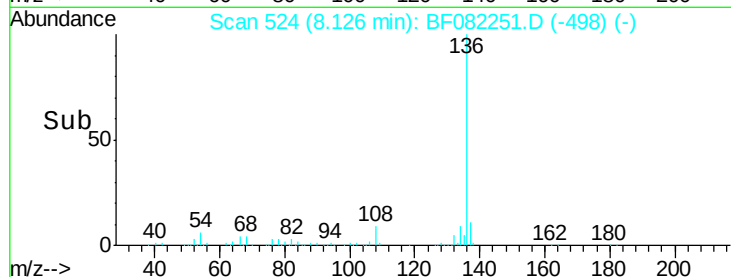


Abundance Ion 136.00 (135.70 to 136.70): E

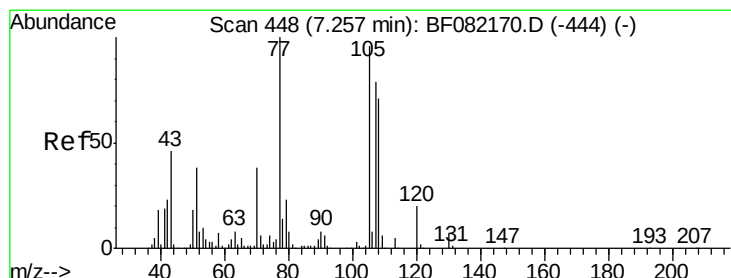
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#22

Acetophenone

Concen: 37.84 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Tgt Ion:105 Resp: 235083

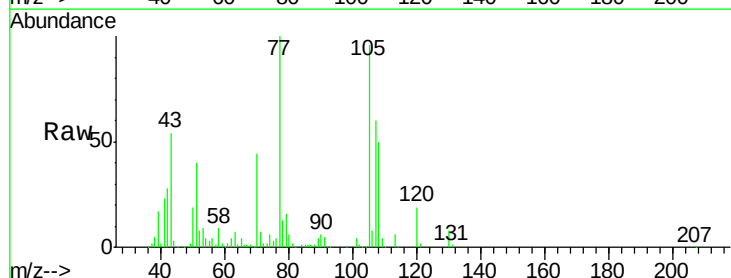
Ion Ratio Lower Upper

105 100

71 7.7 5.4 8.0

51 41.6 31.8 47.6

120 20.0 16.3 24.5

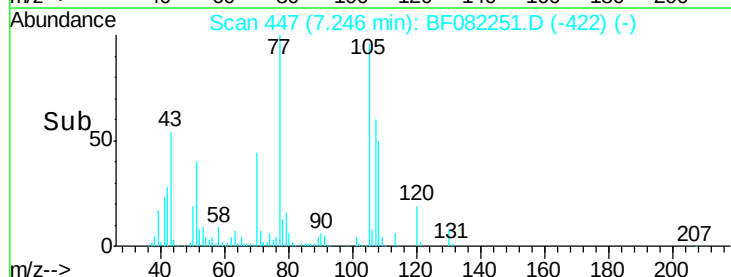


Abundance Ion 105.00 (104.70 to 105.70): E

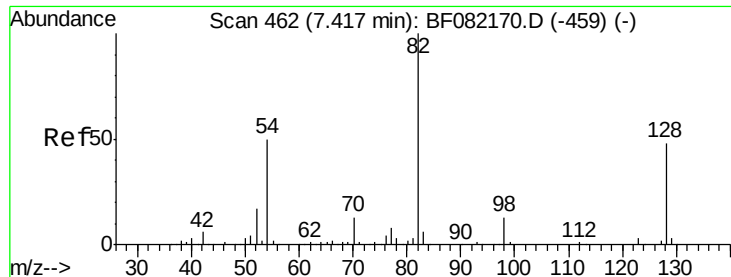
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



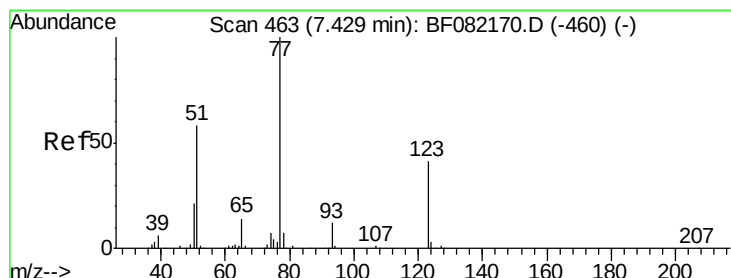
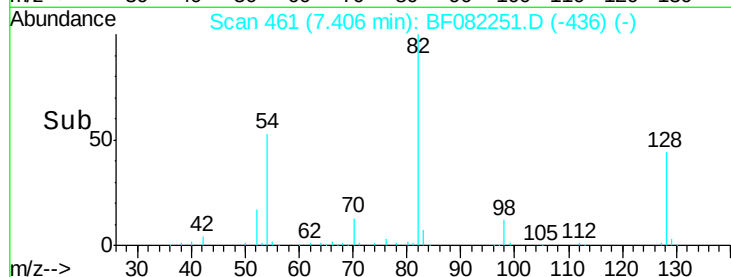
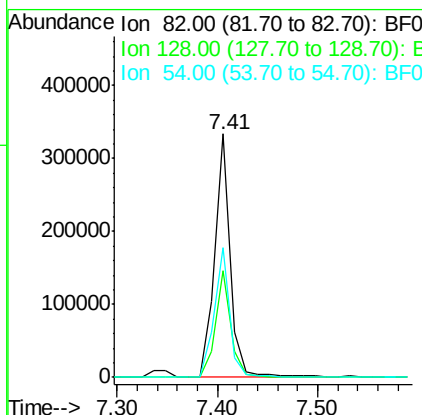
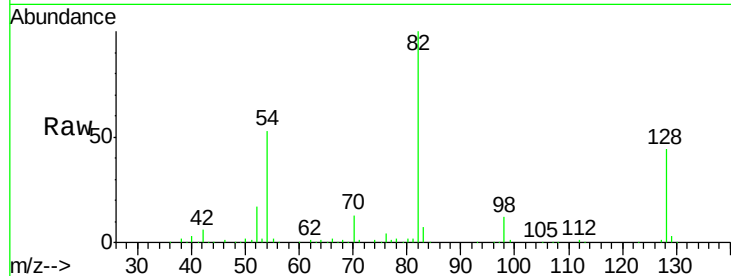
Time--> 7.20 7.30 7.40



#23
 Nitrobenzene-d5
 Concen: 77.19 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

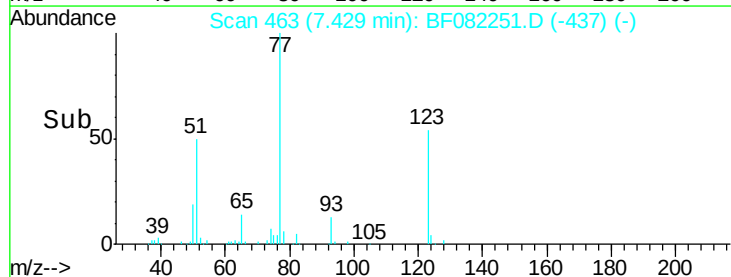
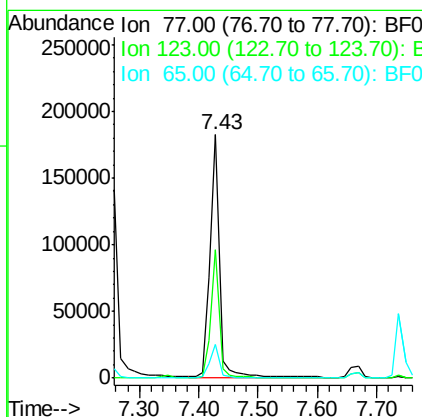
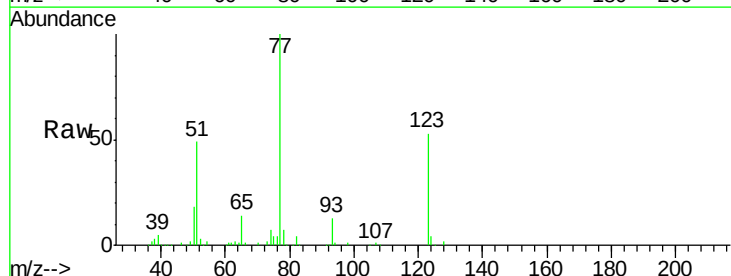
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

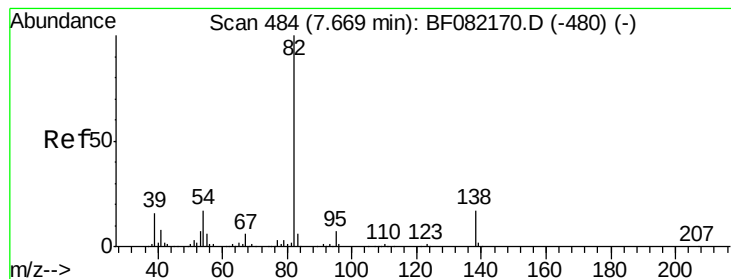
Tgt Ion: 82 Resp: 360951
 Ion Ratio Lower Upper
 82 100
 128 43.7 38.7 58.1
 54 53.0 40.1 60.1



#24
 Nitrobenzene
 Concen: 39.72 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion: 77 Resp: 201073
 Ion Ratio Lower Upper
 77 100
 123 52.8 33.0 49.4#
 65 13.6 11.2 16.8





#25

Isophorone

Concen: 37.18 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

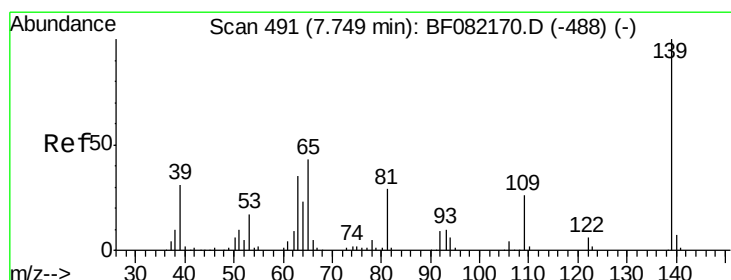
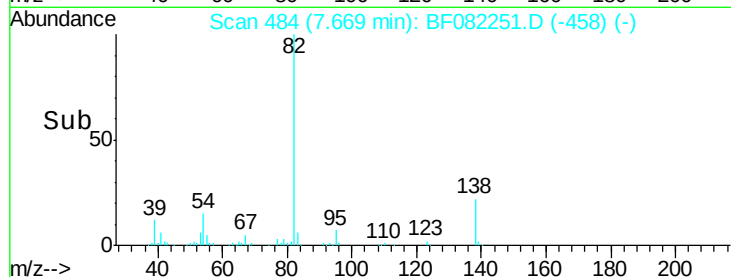
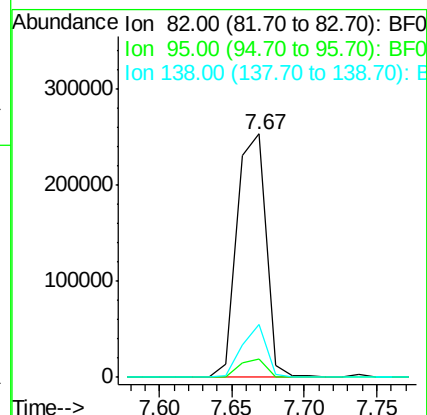
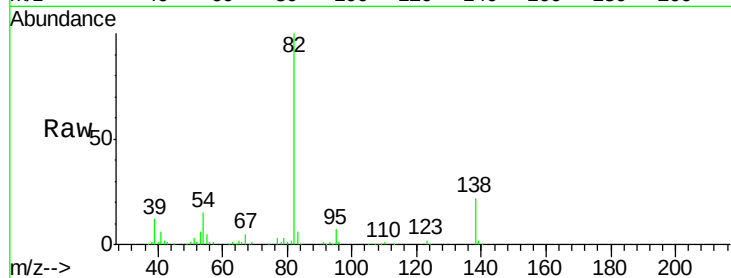
Tgt Ion: 82 Resp: 350919

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 21.8 13.6 20.4#



#26

2-Nitrophenol

Concen: 38.69 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

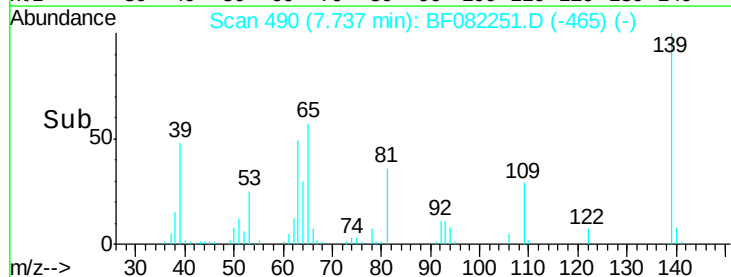
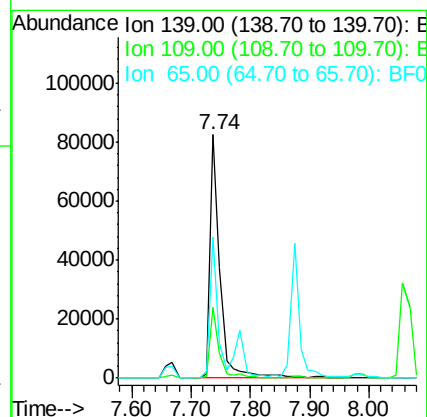
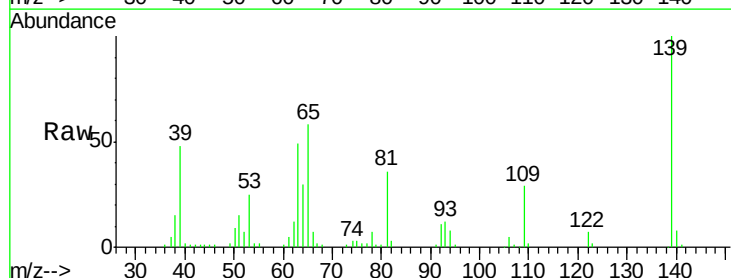
Tgt Ion: 139 Resp: 97796

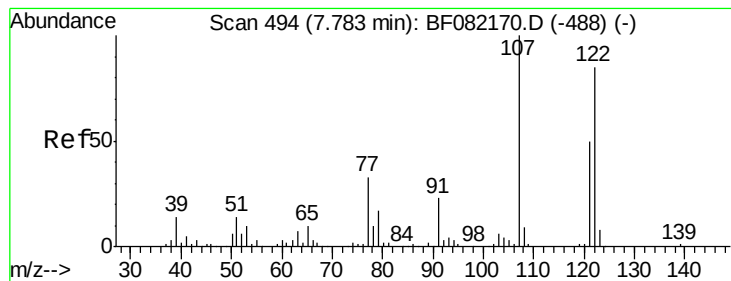
Ion Ratio Lower Upper

139 100

109 29.0 20.6 31.0

65 58.2 34.3 51.5#





#27

2,4-Dimethylphenol

Concen: 41.44 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

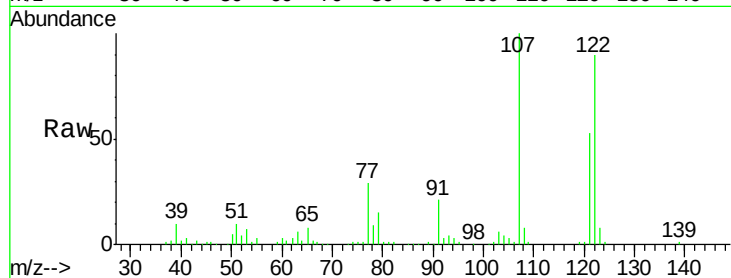
Tgt Ion: 122 Resp: 168751

Ion Ratio Lower Upper

122 100

107 111.1 94.0 141.0

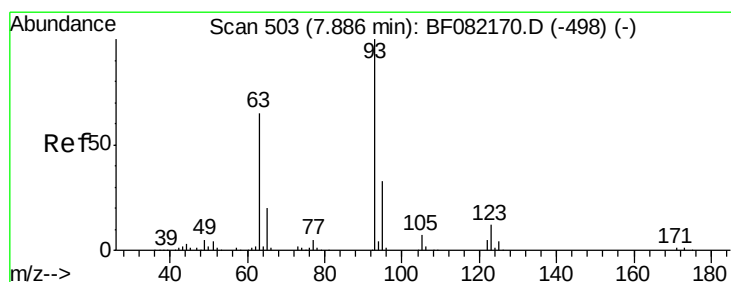
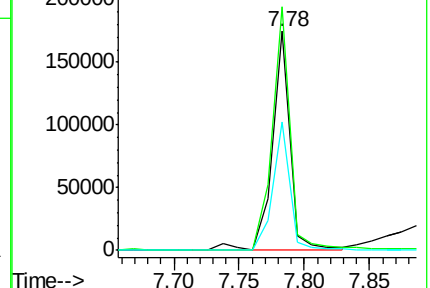
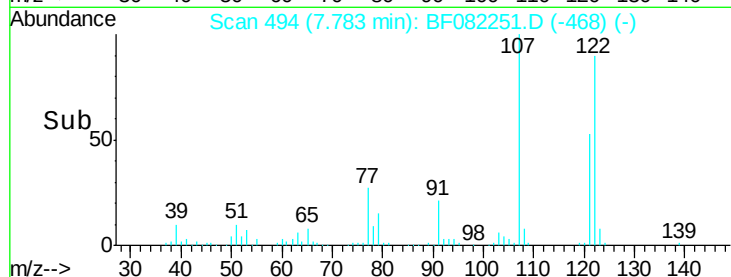
121 58.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.13 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

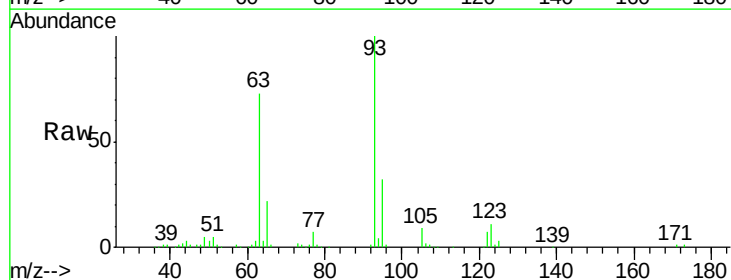
Tgt Ion: 93 Resp: 203928

Ion Ratio Lower Upper

93 100

95 32.2 26.6 39.8

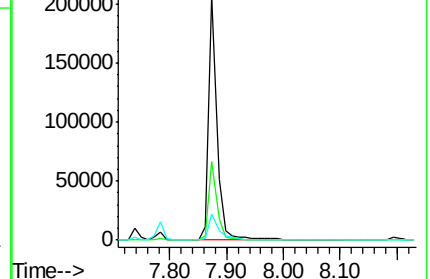
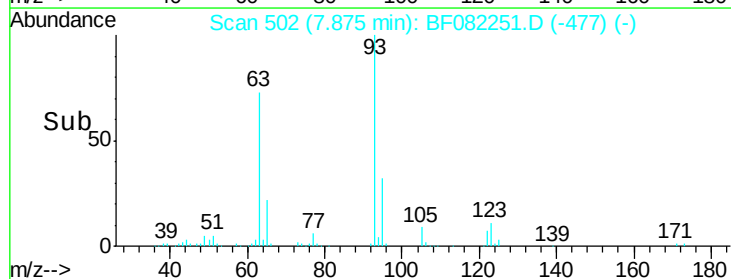
123 10.6 9.5 14.3

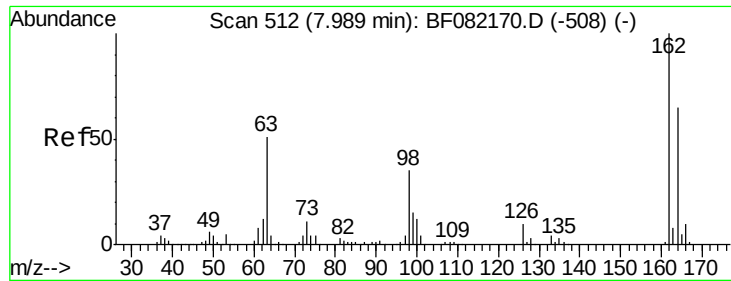


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

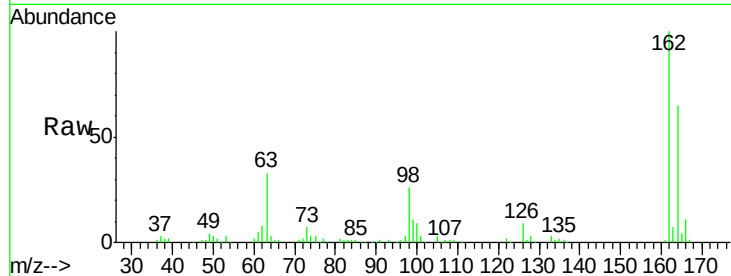




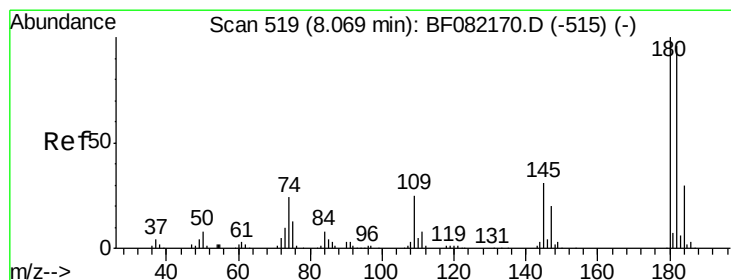
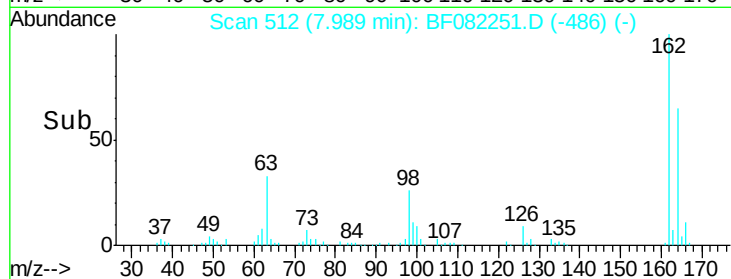
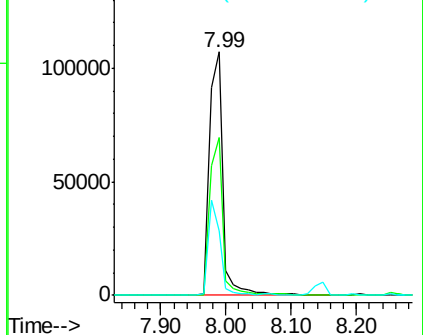
#29
 2,4-Dichlorophenol
 Concen: 38.26 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	155735		
164	64.9	44.6	84.6	
98	26.2	15.0	55.0	

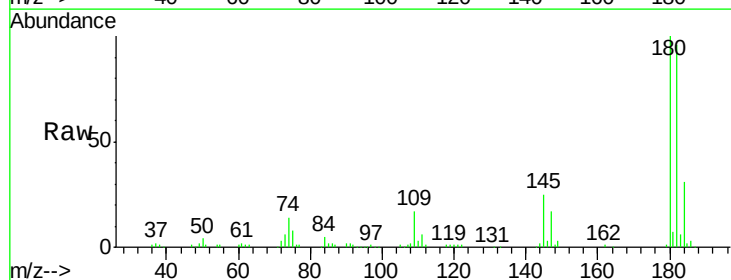


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

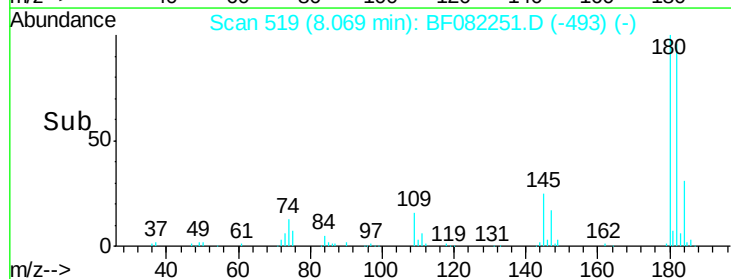
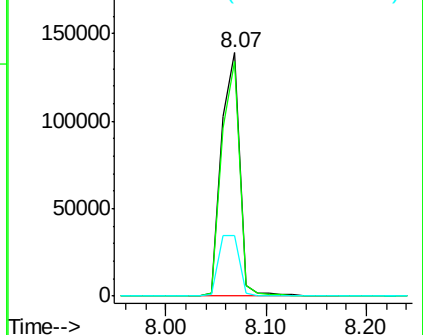


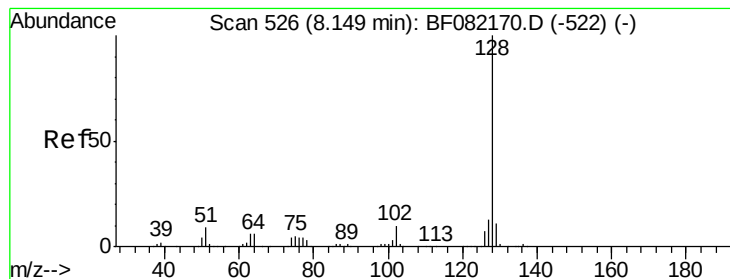
#30
 1,2,4-Trichlorobenzene
 Concen: 37.29 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174982		
182	96.3	77.0	115.4	
145	25.0	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: 38.34 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

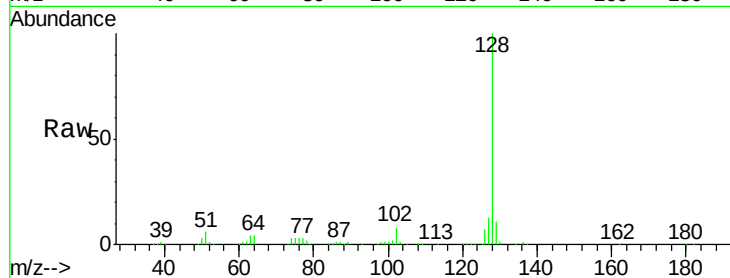
Tgt Ion:128 Resp: 521915

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

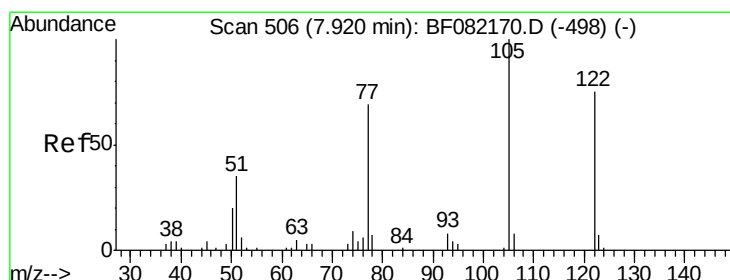
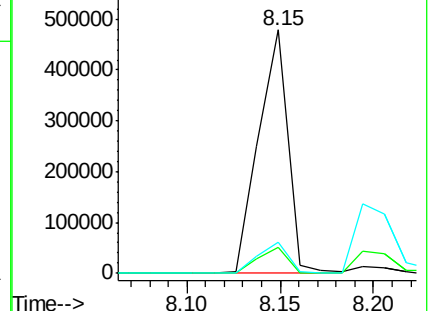
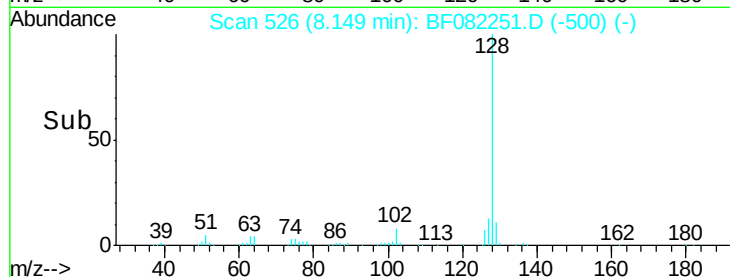
127 12.9 10.7 16.1



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: 35.59 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

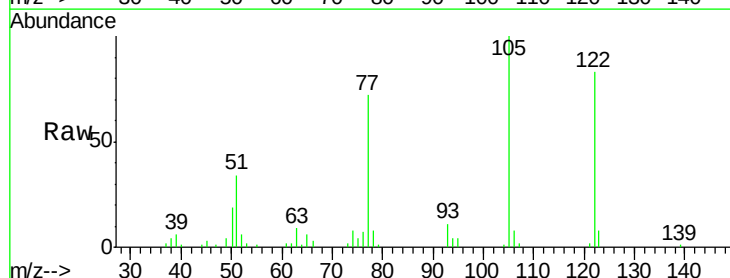
Tgt Ion:122 Resp: 97263

Ion Ratio Lower Upper

122 100

105 120.0 104.4 144.4

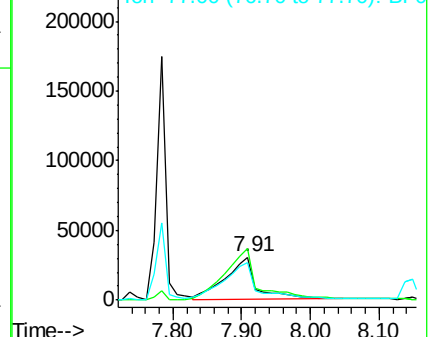
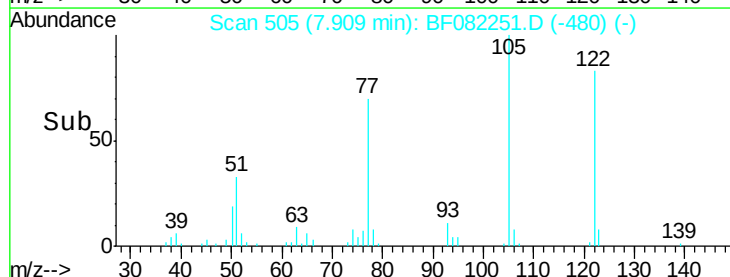
77 86.6 69.0 109.0

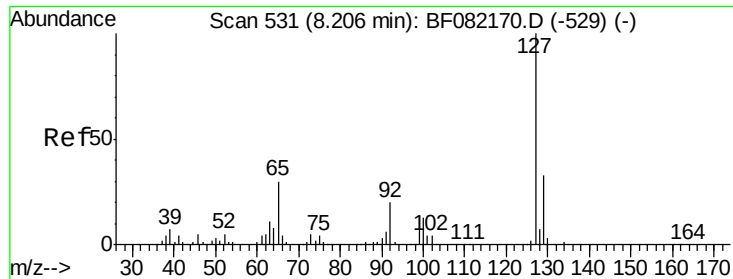


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

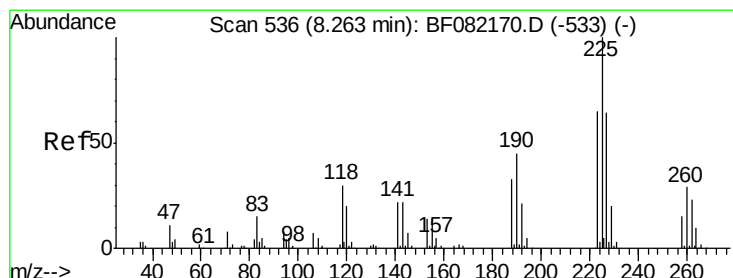
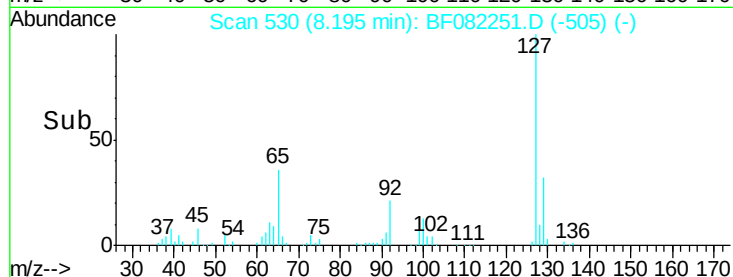
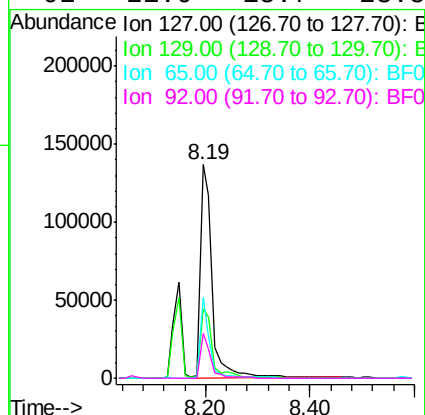
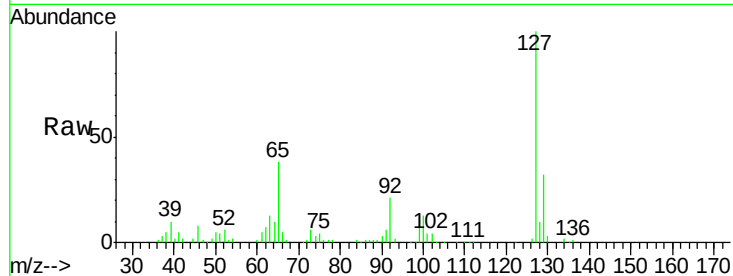




#33
4-Chloroaniline
Concen: 38.20 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

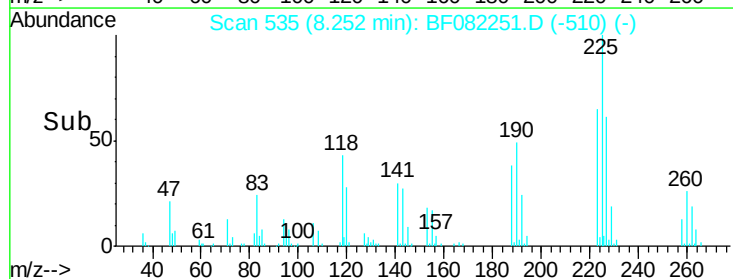
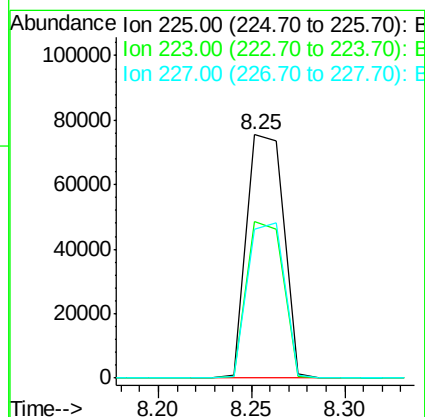
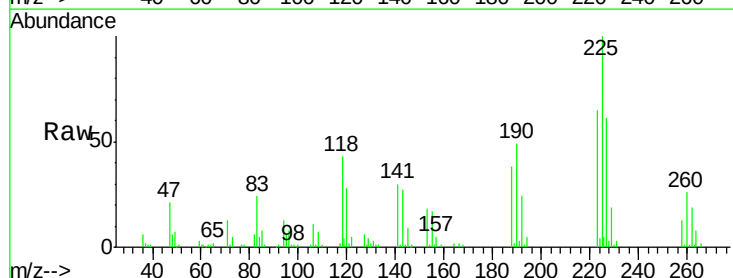
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

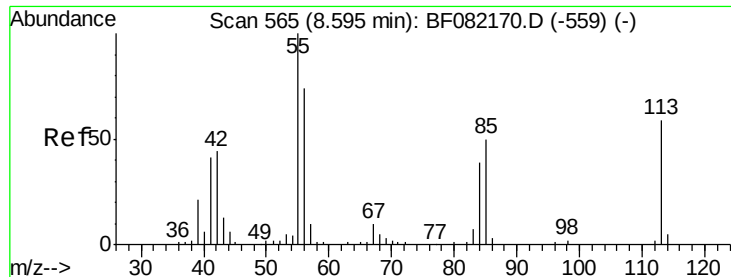
Tgt Ion:	127	Resp:	215975
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	37.7	24.4	36.6
92	21.0	15.7	23.5



#34
Hexachlorobutadiene
Concen: 35.46 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion:	225	Resp:	103659
Ion	Ratio	Lower	Upper
225	100		
223	64.5	52.2	78.2
227	61.1	51.3	76.9





#35

Caprolactam

Concen: 41.10 ng

RT: 8.58 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

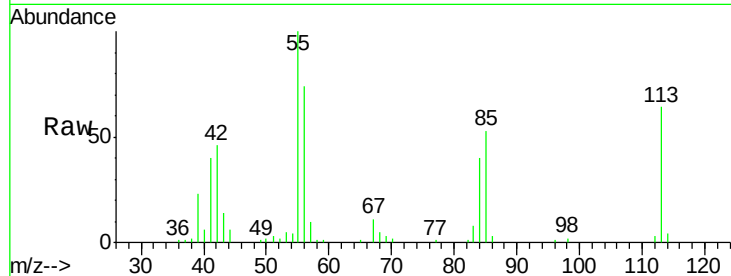
Tgt Ion:113 Resp: 48550

Ion Ratio Lower Upper

113 100

55 156.4 149.7 189.7

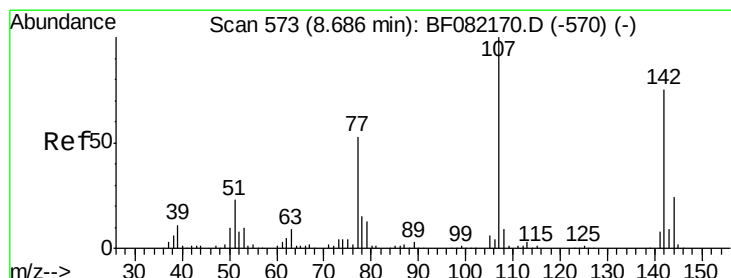
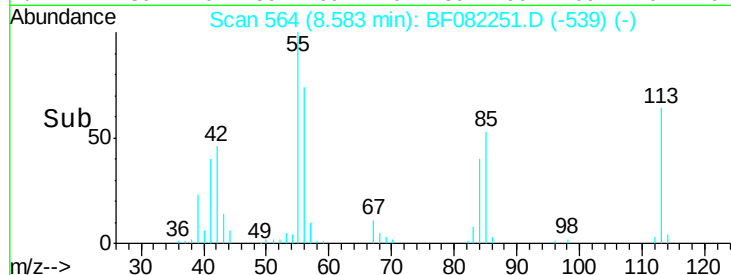
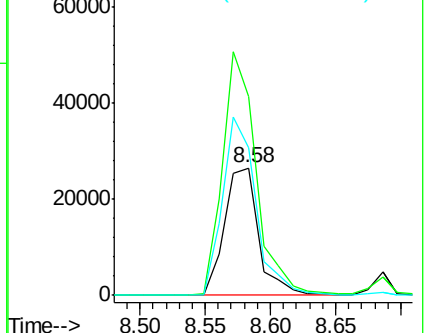
56 116.0 105.4 145.4



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: 41.53 ng

RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

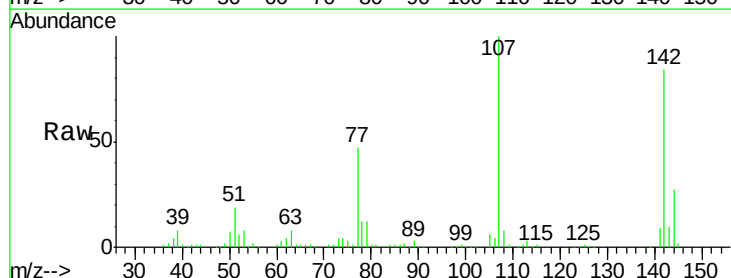
Tgt Ion:107 Resp: 165332

Ion Ratio Lower Upper

107 100

144 26.9 19.3 28.9

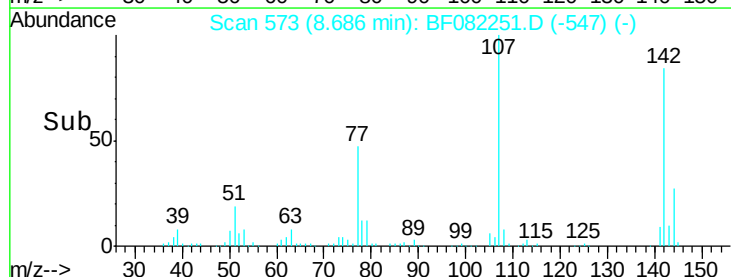
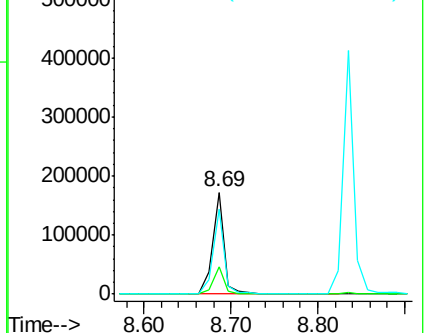
142 83.8 59.9 89.9

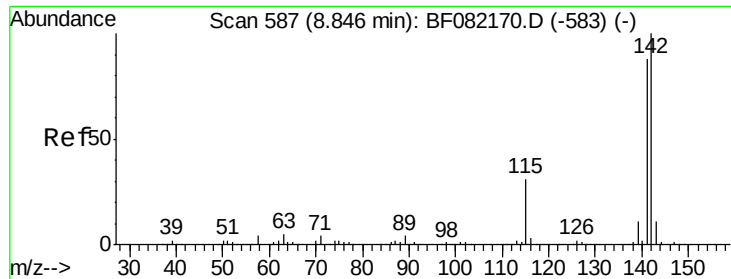


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

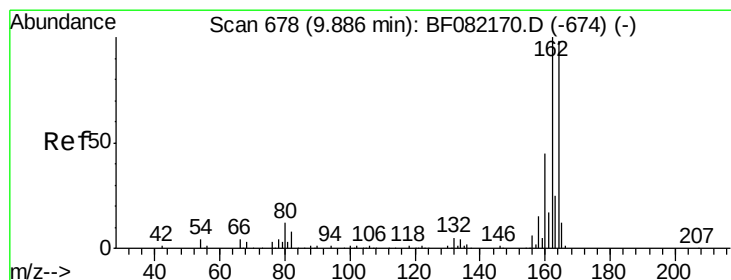
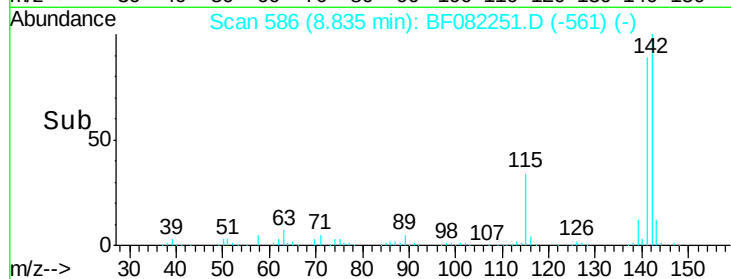
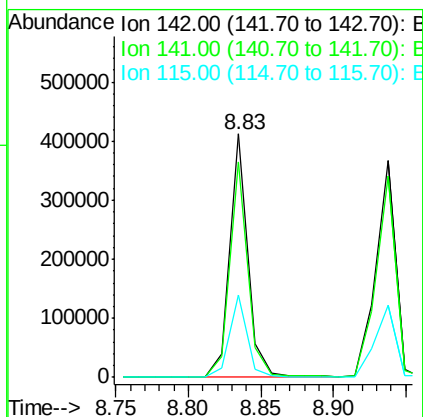
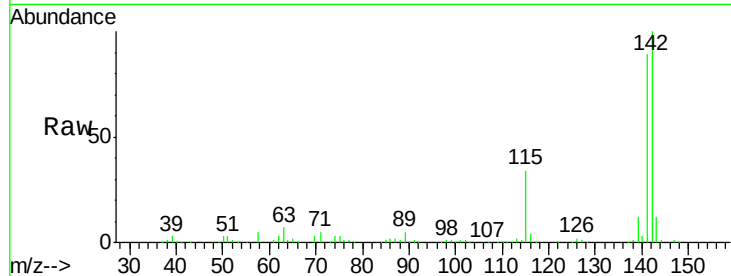




#37
 2-Methylnaphthalene
 Concen: 38.10 ng
 RT: 8.83 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

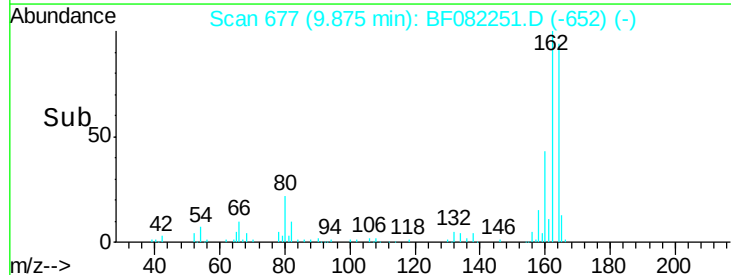
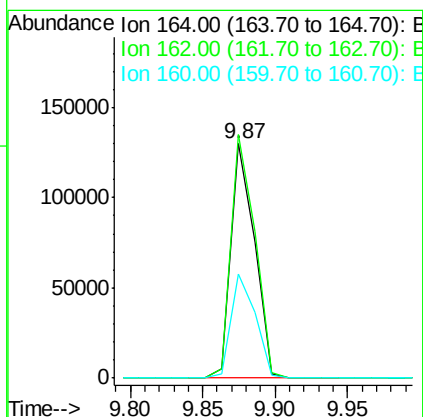
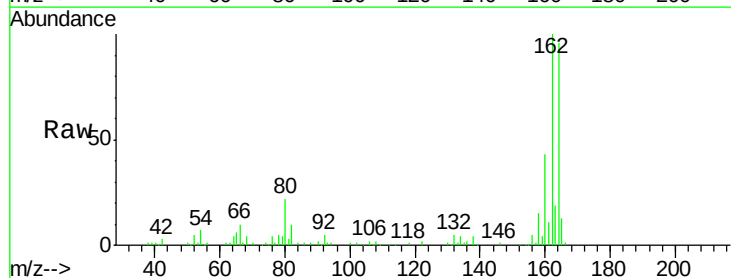
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

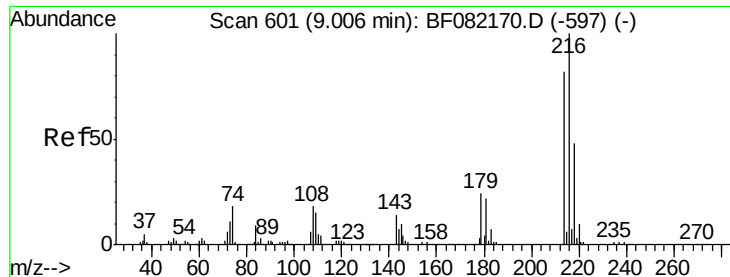
Tgt Ion:142 Resp: 359520
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.4 105.6
 115 34.0 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion:164 Resp: 146547
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.6 122.4
 160 44.5 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.22 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 175312

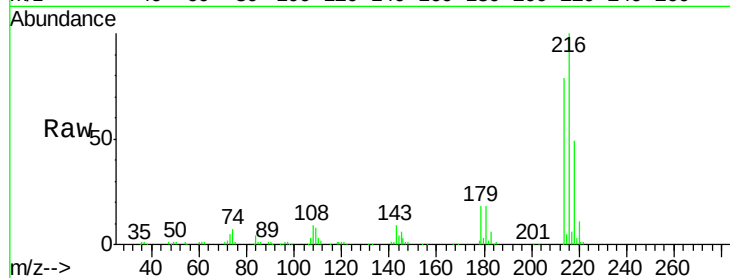
Ion Ratio Lower Upper

216 100

214 79.4 64.6 97.0

179 20.3 17.6 26.4

108 15.4 14.5 21.7

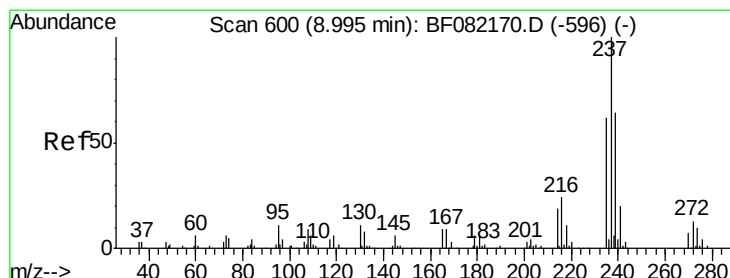
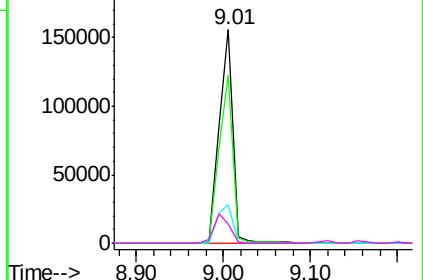
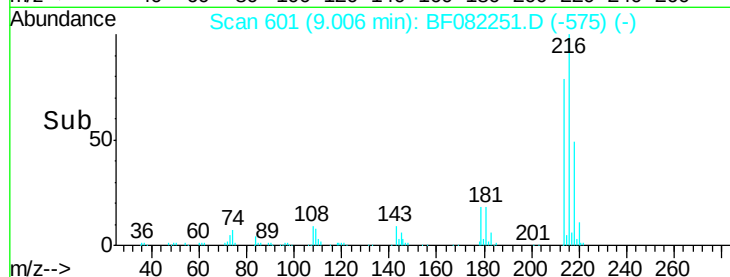


Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.35 ng

RT: 8.98 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

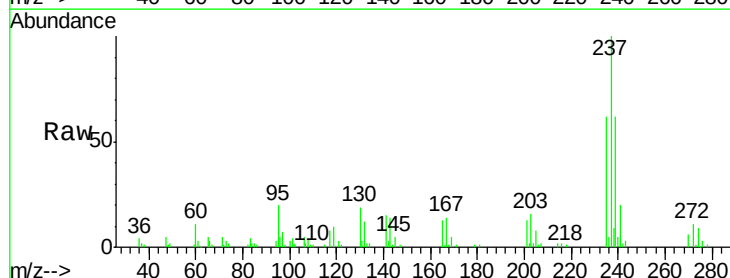
Tgt Ion:237 Resp: 54245

Ion Ratio Lower Upper

237 100

235 62.3 41.7 81.7

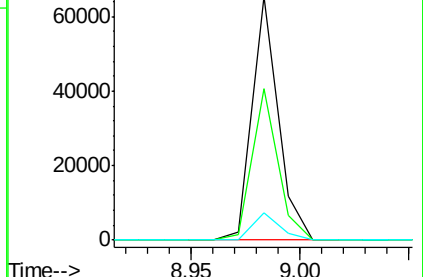
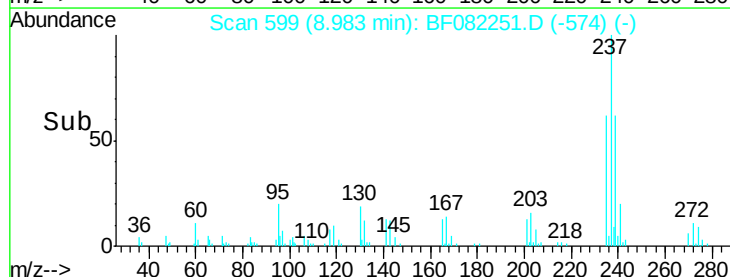
272 11.1 0.0 32.8

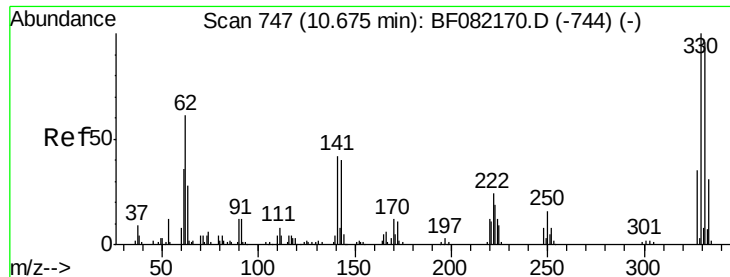


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

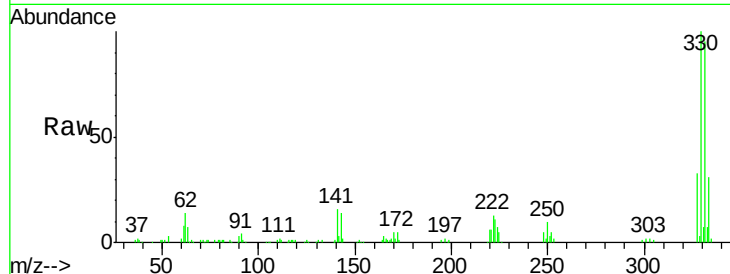




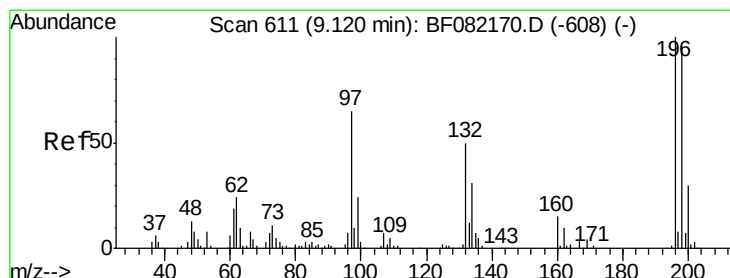
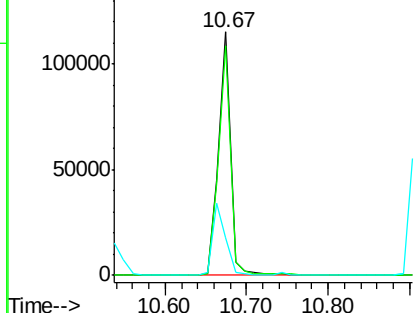
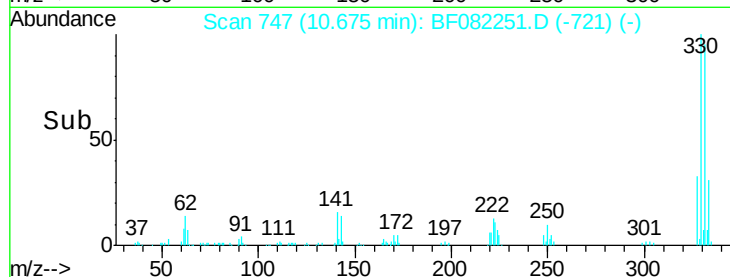
#41
 2,4,6-Tribromophenol
 Concen: 86.93 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 119469
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 32.5 29.8 44.8

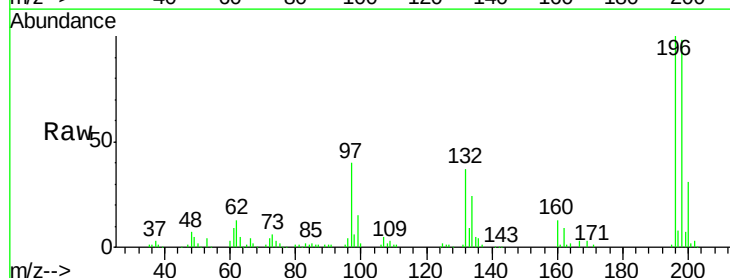


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

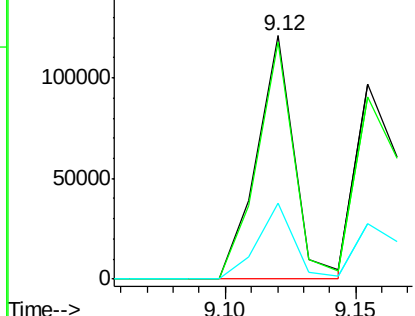
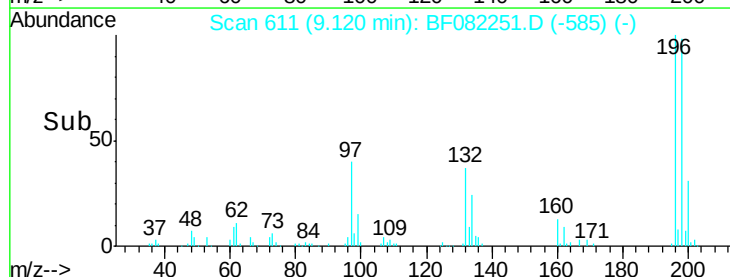


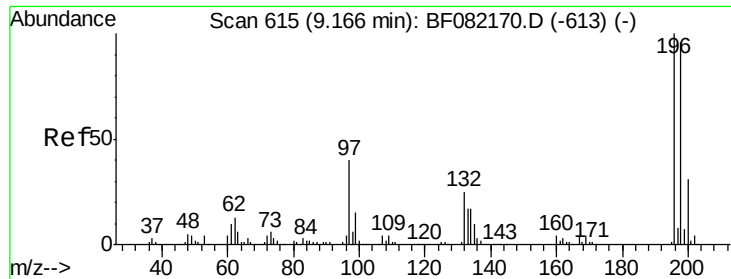
#42
 2,4,6-Trichlorophenol
 Concen: 41.31 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion:196 Resp: 119589
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.6 115.0
 200 31.3 23.7 35.5



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

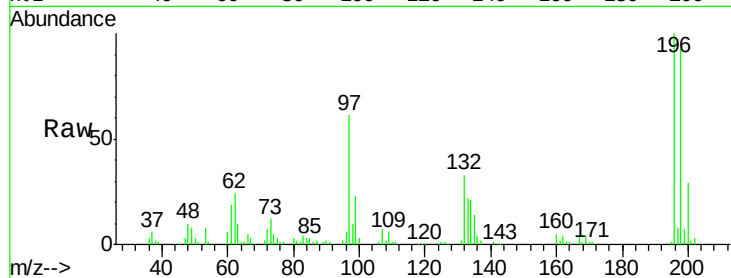




#43
2,4,5-Trichlorophenol
Concen: 40.22 ng
RT: 9.15 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.0	115.4
97	61.1	31.9	47.9#
132	33.3	20.3	30.5#



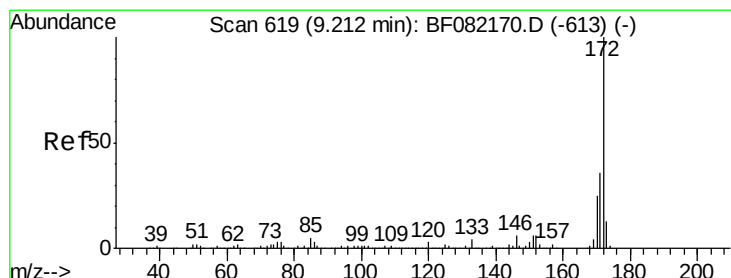
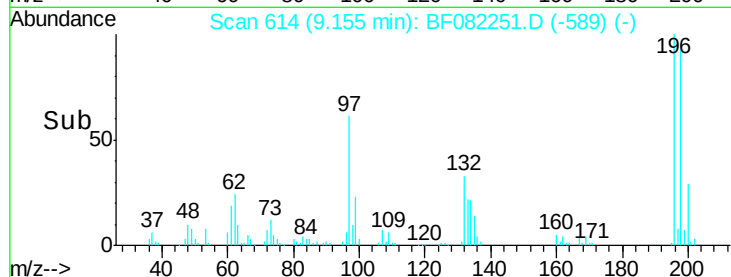
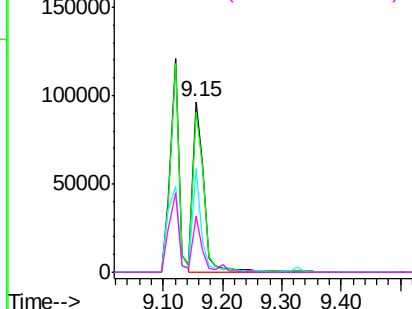
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

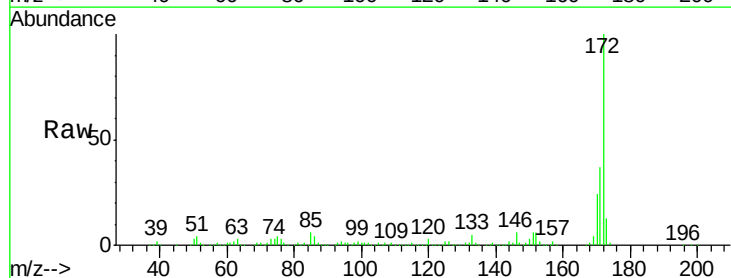
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 80.18 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.5	19.7	29.5

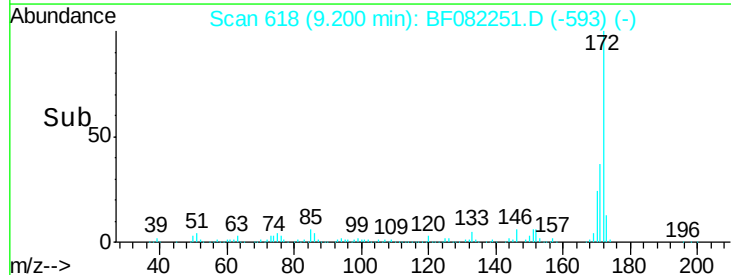
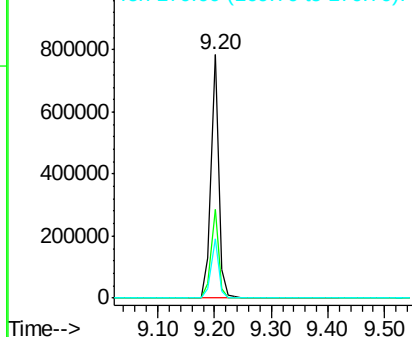


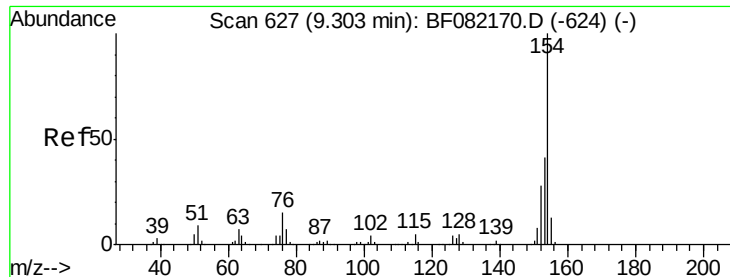
Abundance

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

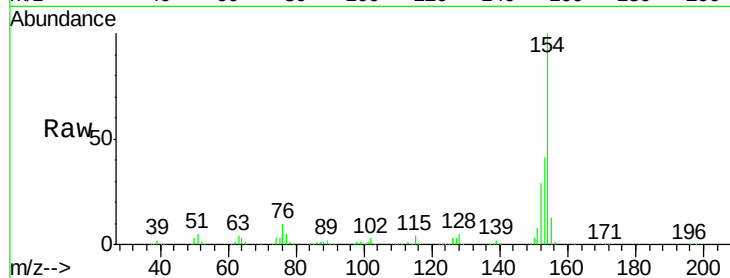




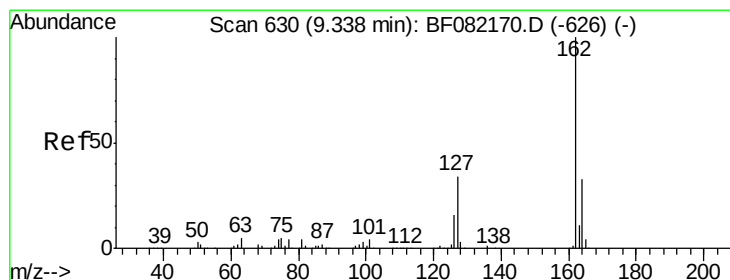
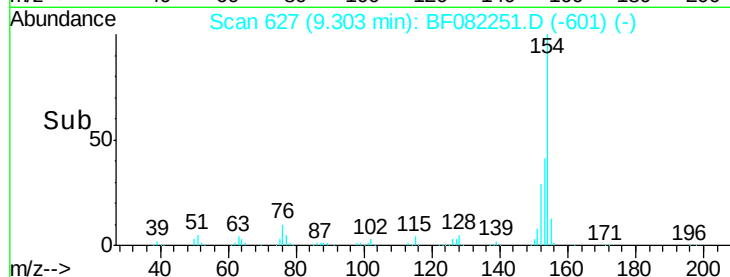
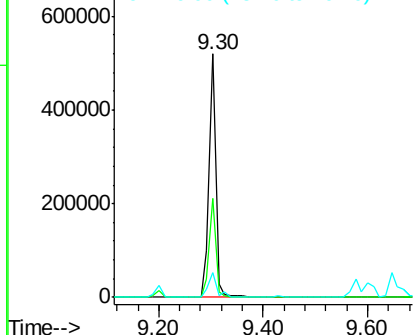
#45
 1,1'-Biphenyl
 Concen: 41.33 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 461875
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 10.1 0.0 35.2

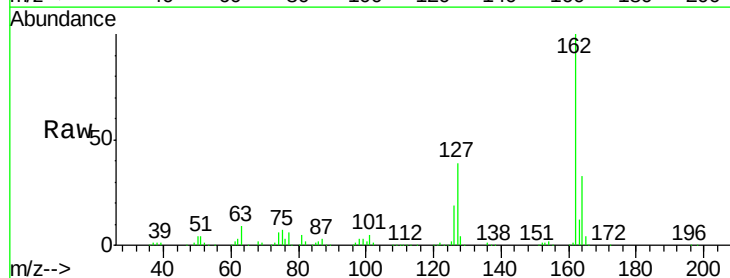


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

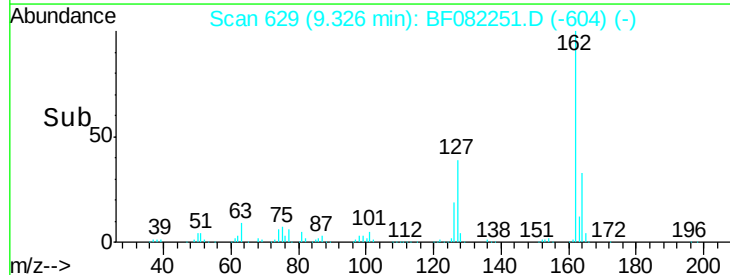
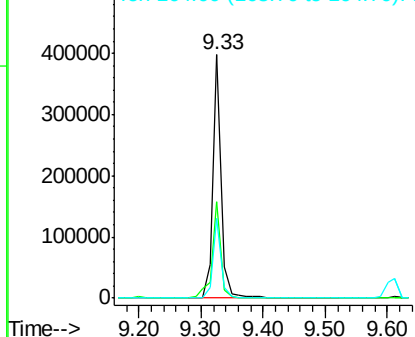


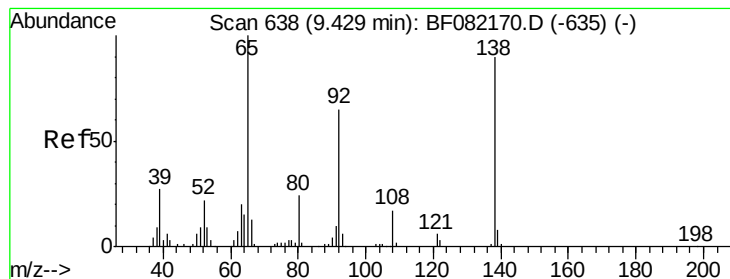
#46
 2-Chloronaphthalene
 Concen: 41.07 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion:162 Resp: 361267
 Ion Ratio Lower Upper
 162 100
 127 39.4 27.5 41.3
 164 32.5 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.66 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

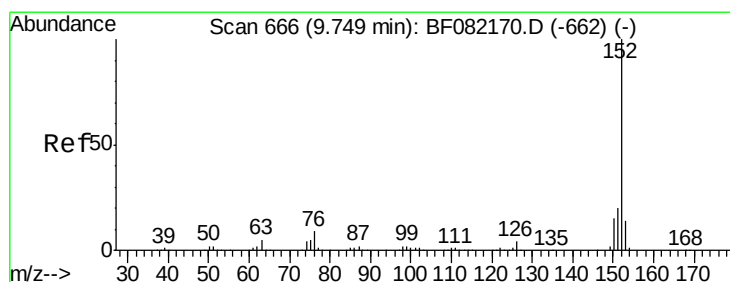
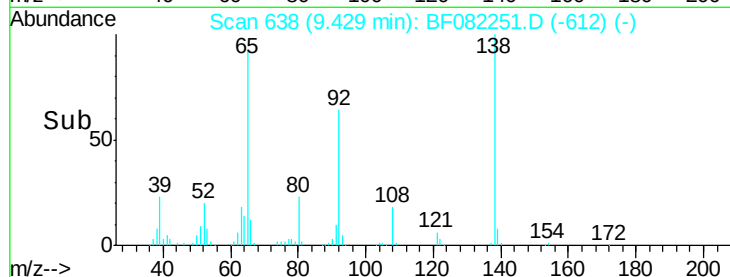
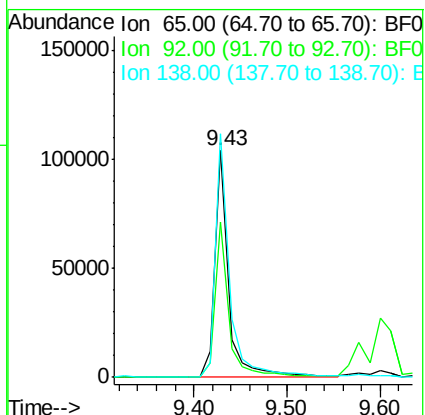
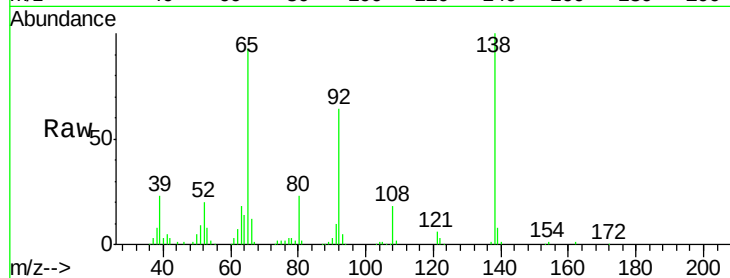
Tgt Ion: 65 Resp: 107852

Ion Ratio Lower Upper

65 100

92 68.4 52.3 78.5

138 107.5 72.2 108.4



#48

Acenaphthylene

Concen: 38.83 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

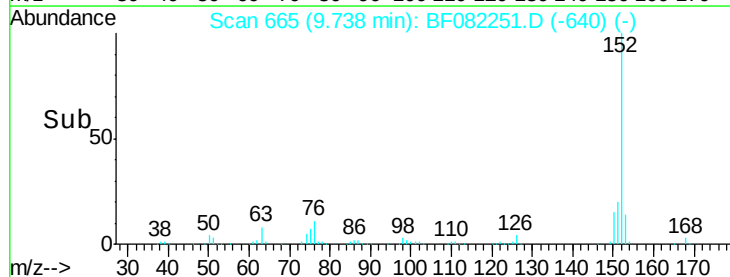
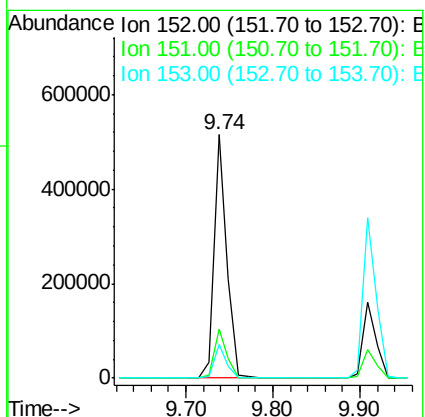
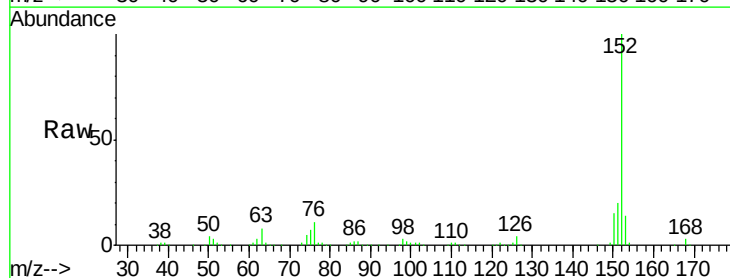
Tgt Ion: 152 Resp: 532091

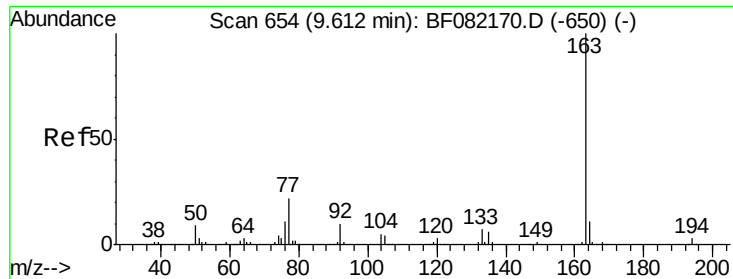
Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.7 10.8 16.2

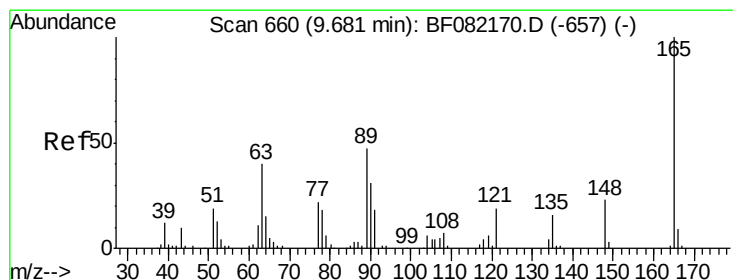
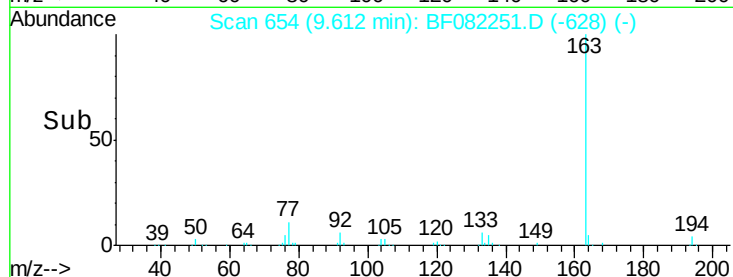
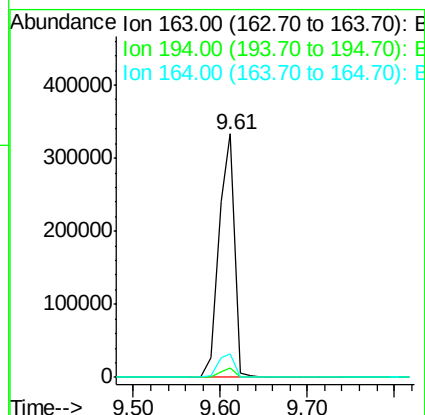
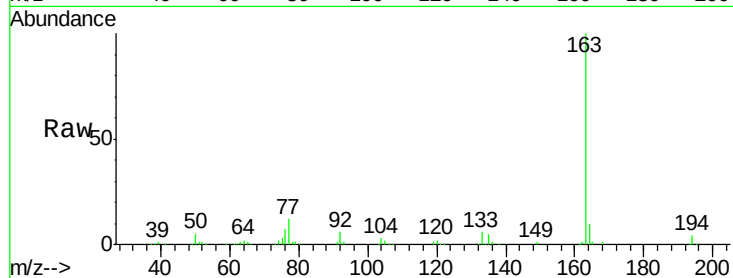




#49
Dimethylphthalate
Concen: 40.74 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

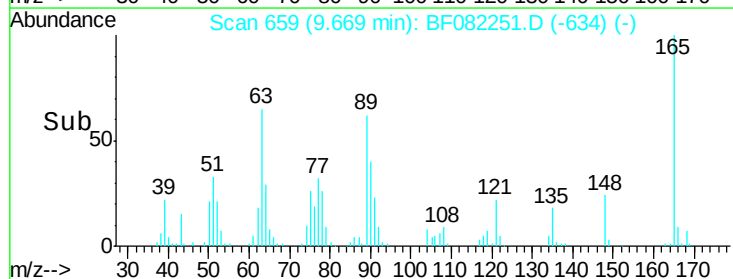
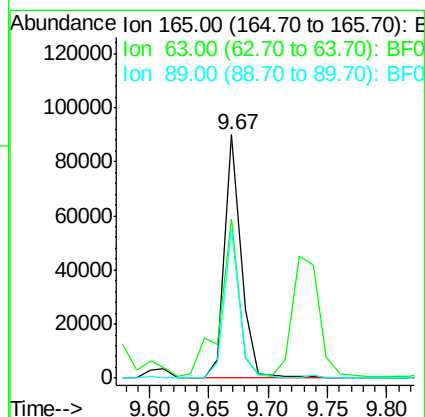
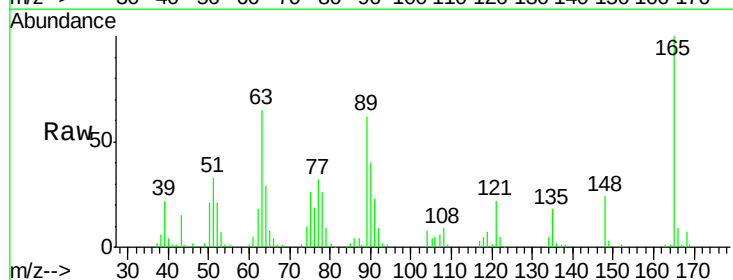
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

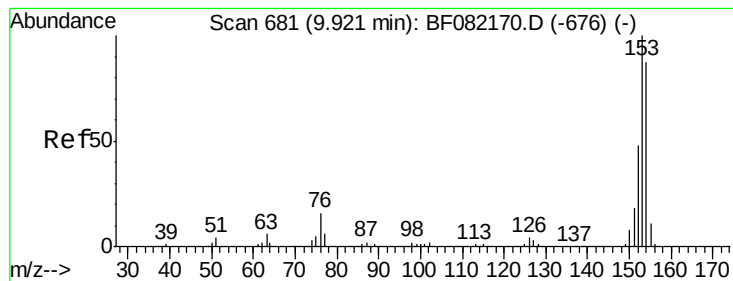
Tgt Ion:163 Resp: 420394
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.8 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 39.68 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion:165 Resp: 86396
Ion Ratio Lower Upper
165 100
63 65.2 36.7 55.1#
89 61.9 37.8 56.6#





#51

Acenaphthene

Concen: 37.19 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

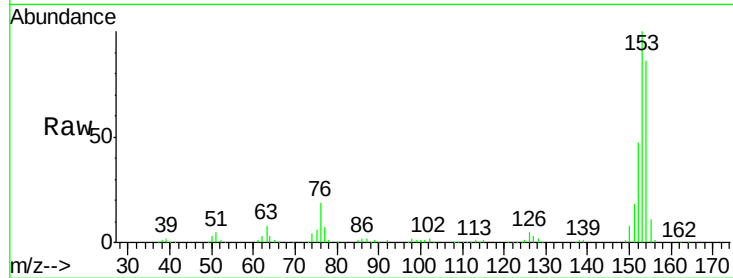
Tgt Ion:154 Resp: 305988

Ion Ratio Lower Upper

154 100

153 116.0 91.4 137.2

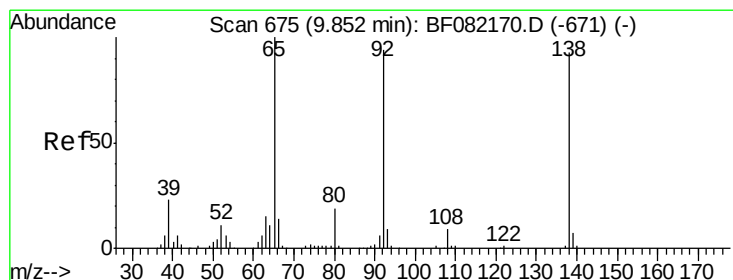
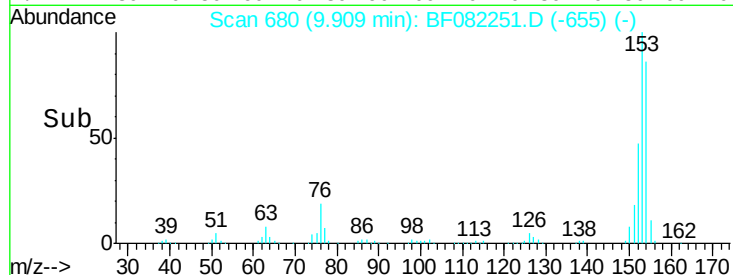
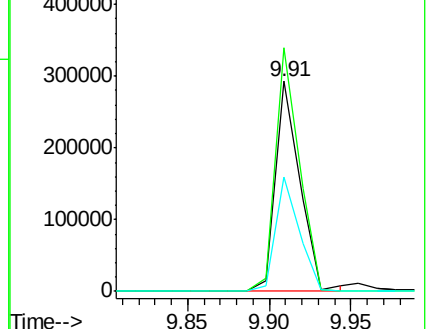
152 54.6 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.02 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

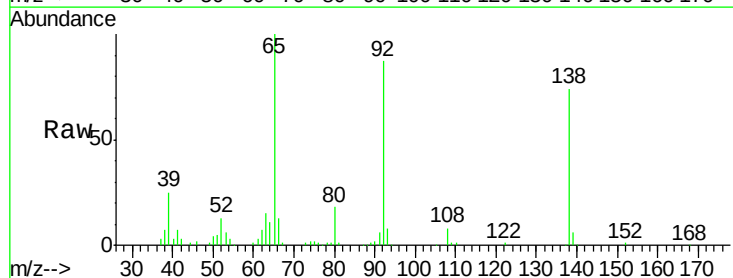
Tgt Ion:138 Resp: 105802

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

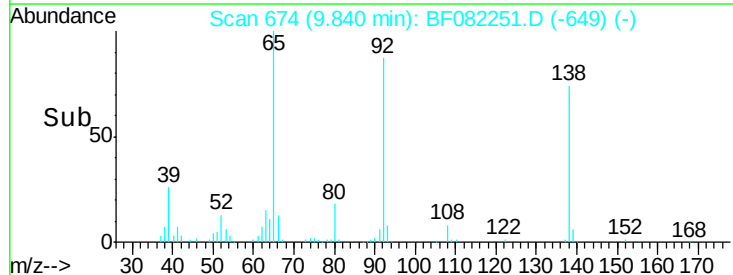
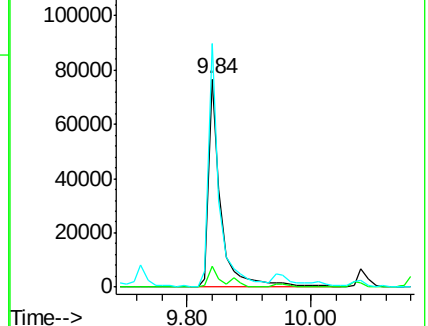
92 117.0 81.3 121.9

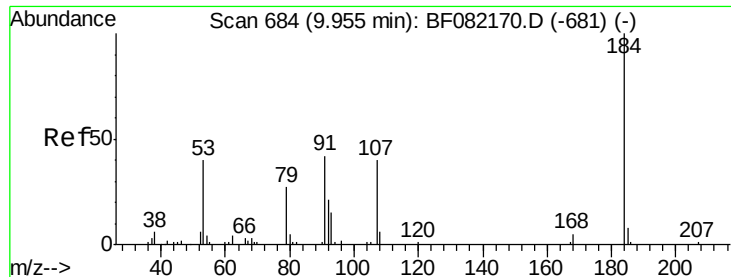


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

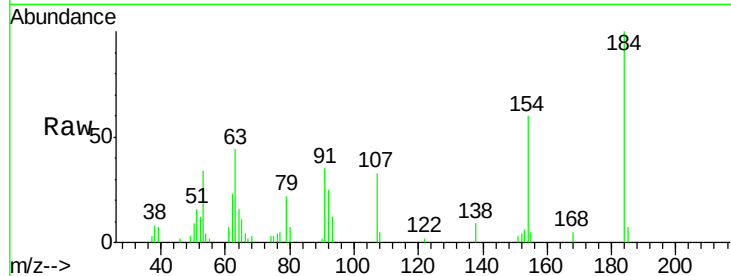




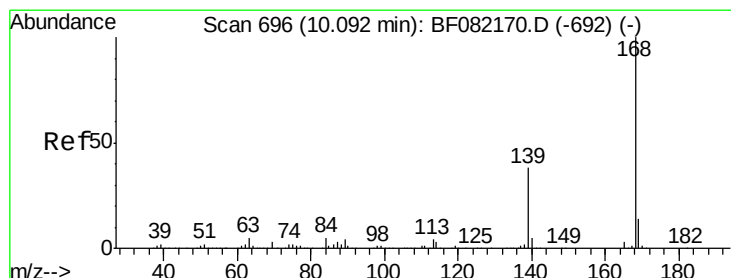
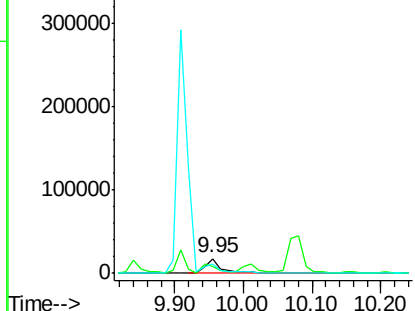
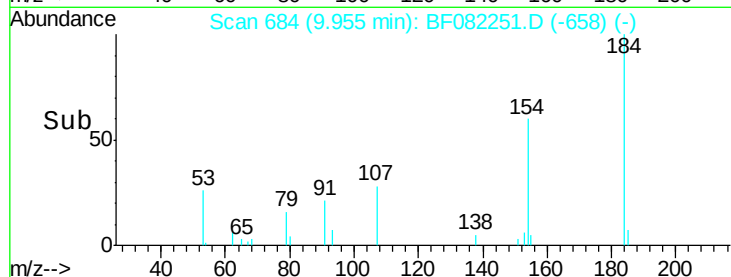
#53
2,4-Dinitrophenol
Concen: 29.91 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 31095
Ion Ratio Lower Upper
184 100
63 43.9 45.1 67.7#
154 60.1 51.2 76.8

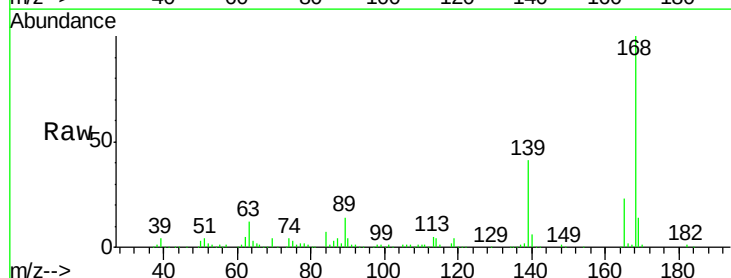


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

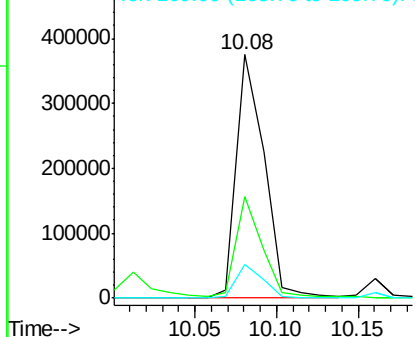
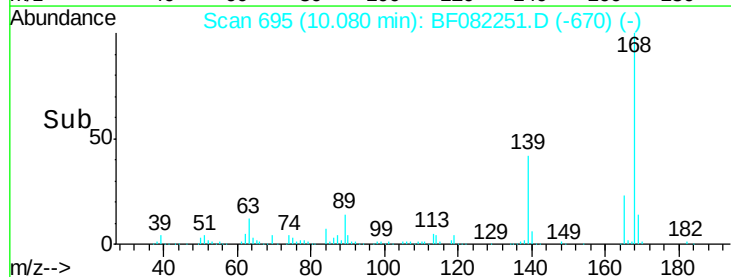


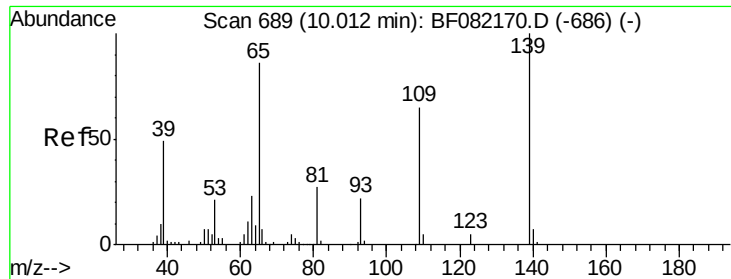
#54
Dibenzofuran
Concen: 39.28 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion:168 Resp: 443655
Ion Ratio Lower Upper
168 100
139 41.5 31.0 46.6
169 13.6 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

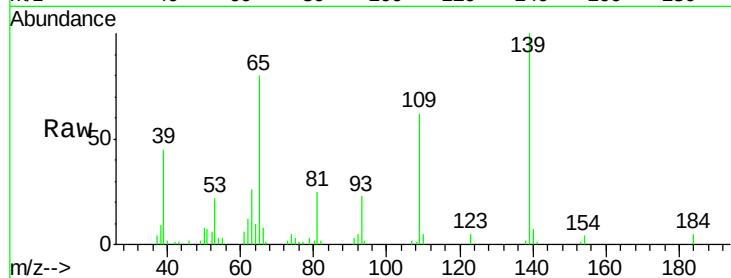




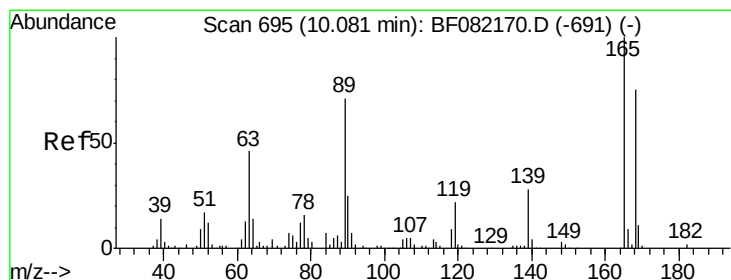
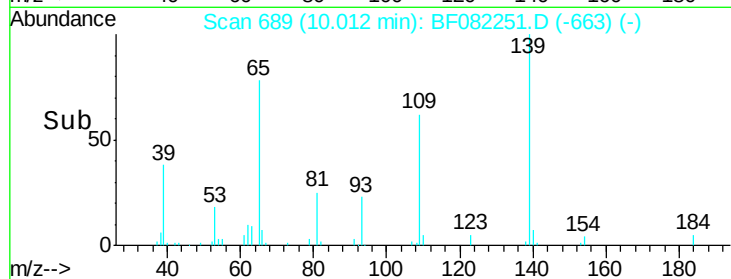
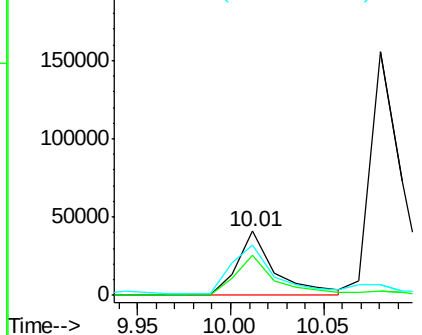
#55
4-Nitrophenol
Concen: 41.82 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 57697
Ion Ratio Lower Upper
139 100
109 62.1 44.8 84.8
65 79.7 67.7 107.7



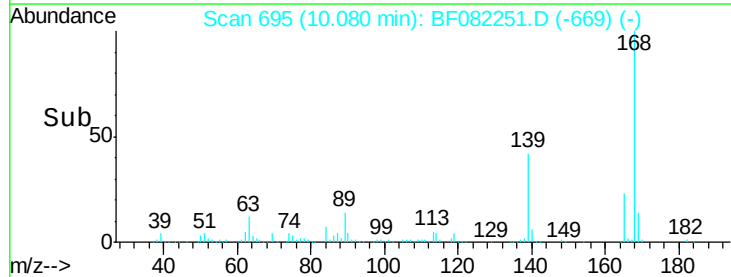
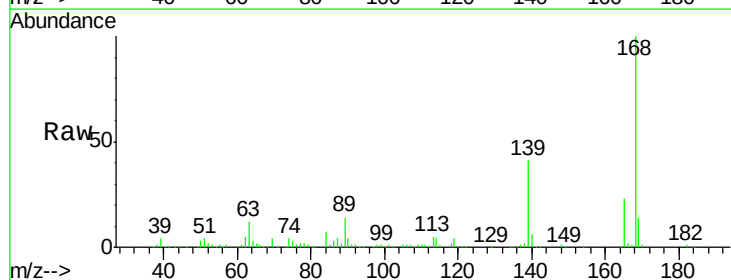
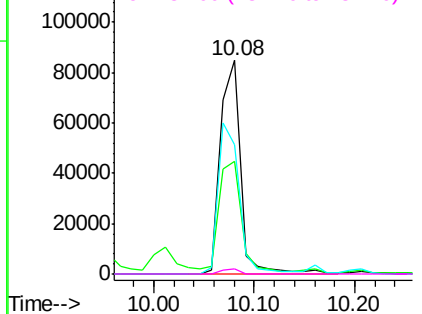
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

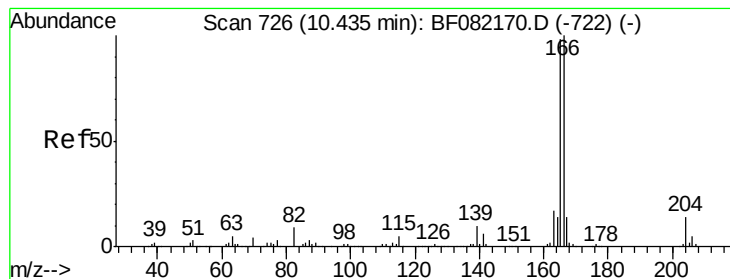


#56
2,4-Dinitrotoluene
Concen: 43.84 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion:165 Resp: 119302
Ion Ratio Lower Upper
165 100
63 52.9 38.6 58.0
89 60.6 57.0 85.6
182 2.6 1.8 2.6

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





#57

Fluorene

Concen: 39.48 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

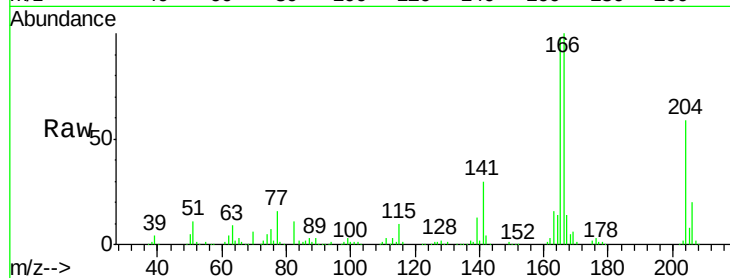
Tgt Ion:166 Resp: 366228

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

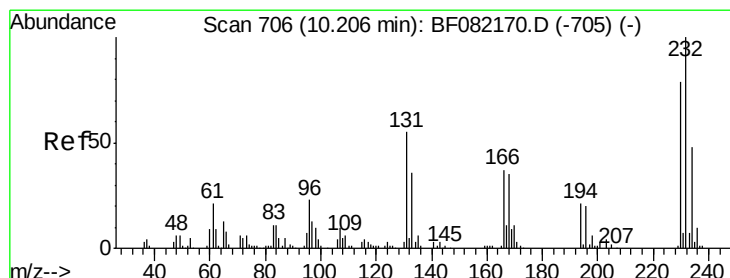
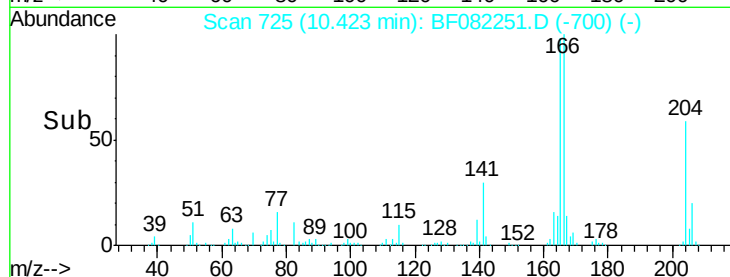
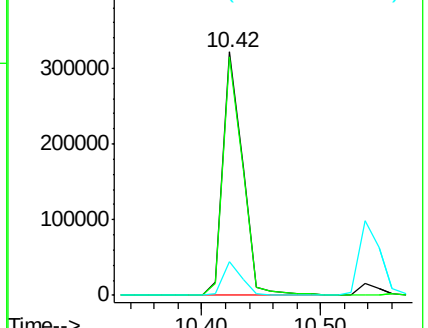
167 13.8 10.8 16.2



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: 43.09 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Tgt Ion:232 Resp: 110418

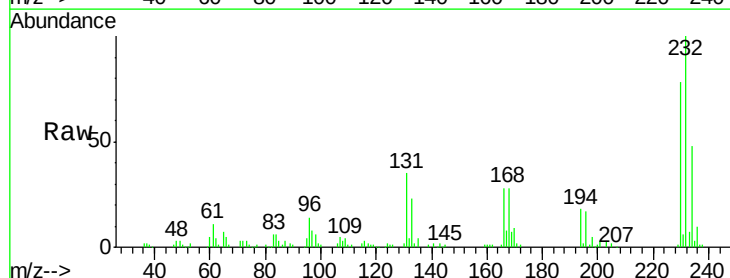
Ion Ratio Lower Upper

232 100

131 40.5 36.6 54.8

130 1.8 1.5 2.3

166 28.9 24.6 37.0

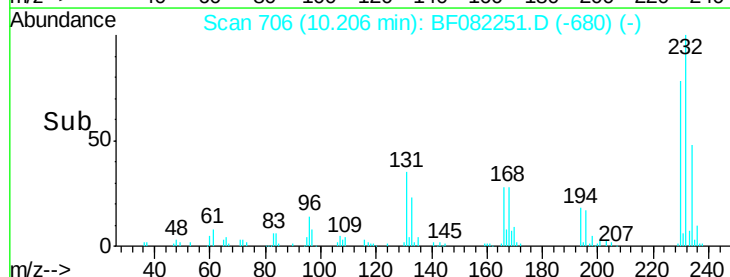
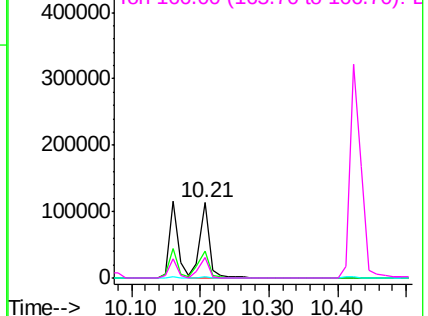


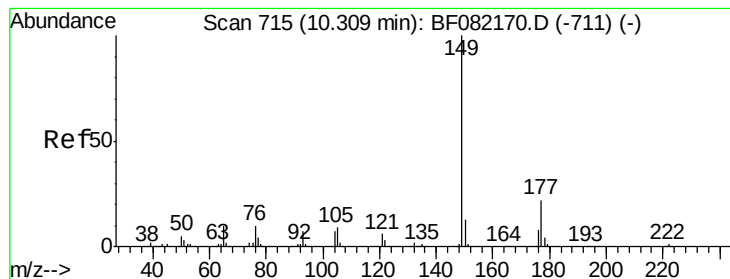
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.63 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

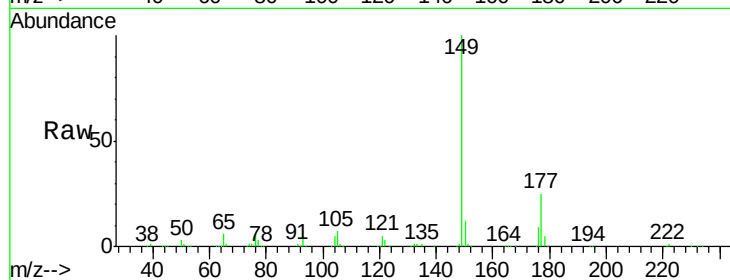
Tgt Ion:149 Resp: 400474

Ion Ratio Lower Upper

149 100

177 24.8 17.6 26.4

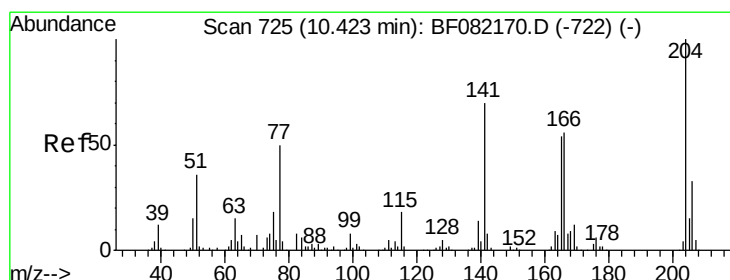
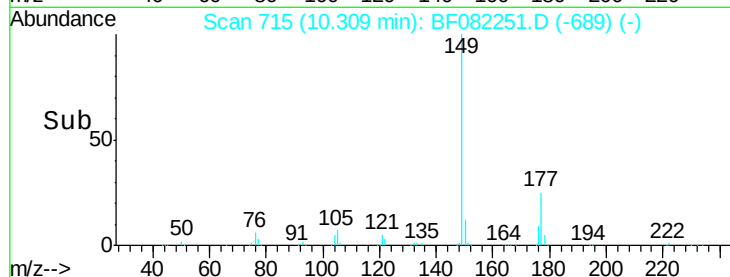
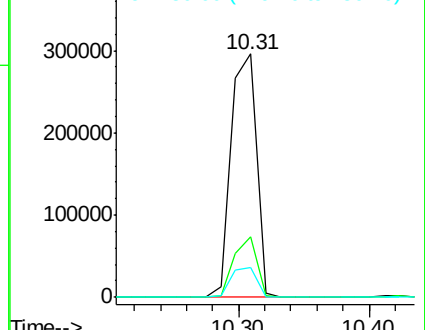
150 12.2 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.82 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

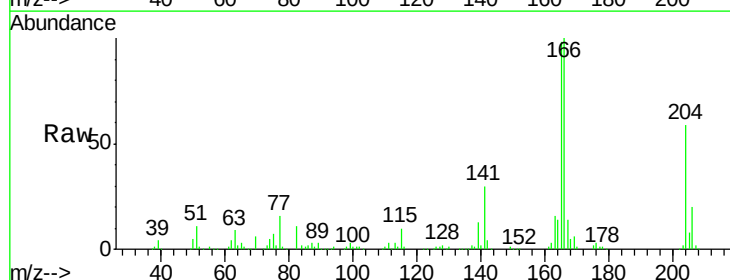
Tgt Ion:204 Resp: 181976

Ion Ratio Lower Upper

204 100

206 33.9 26.8 40.2

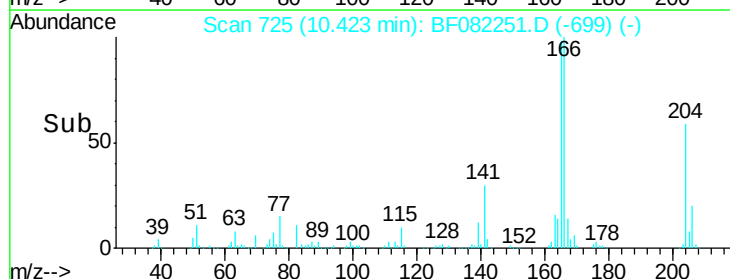
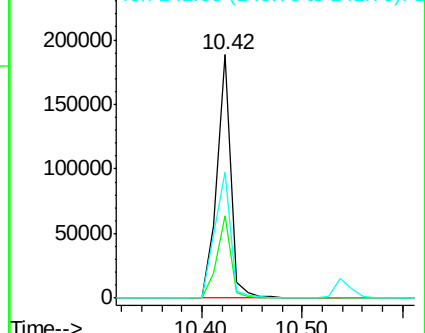
141 51.4 56.1 84.1#

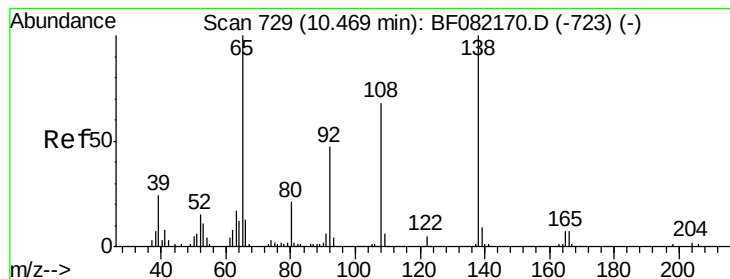


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.89 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

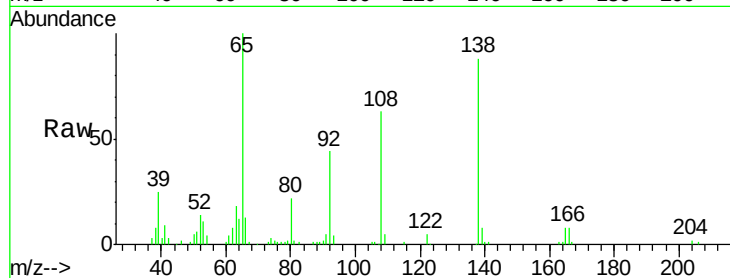
Tgt Ion:138 Resp: 107090

Ion Ratio Lower Upper

138 100

92 50.4 26.8 66.8

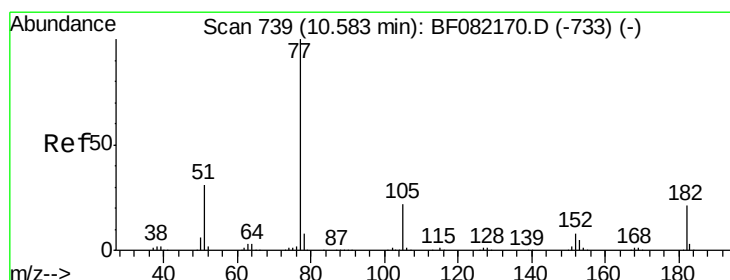
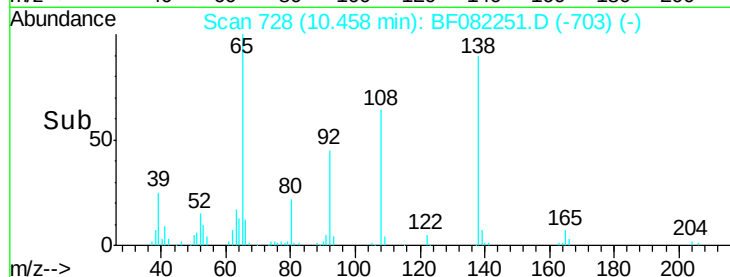
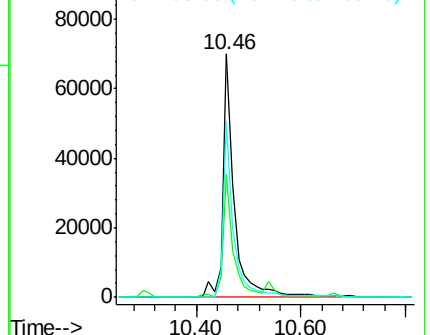
108 72.0 48.4 88.4



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: 41.74 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Tgt Ion: 77 Resp: 392944

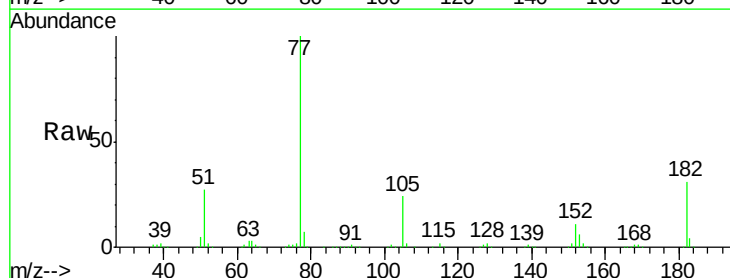
Ion Ratio Lower Upper

77 100

182 31.0 0.5 40.5

105 24.2 1.8 41.8

51 27.3 11.2 51.2

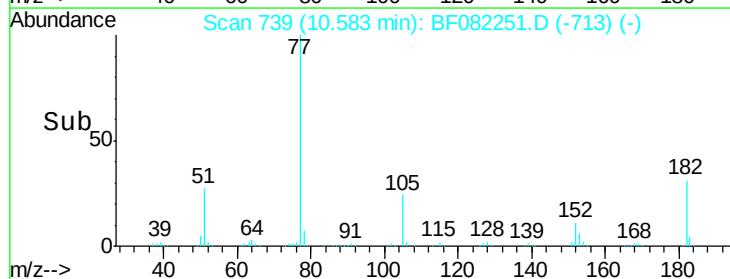
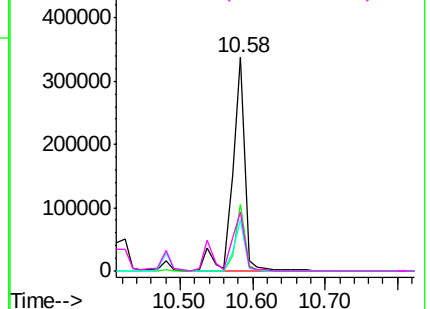


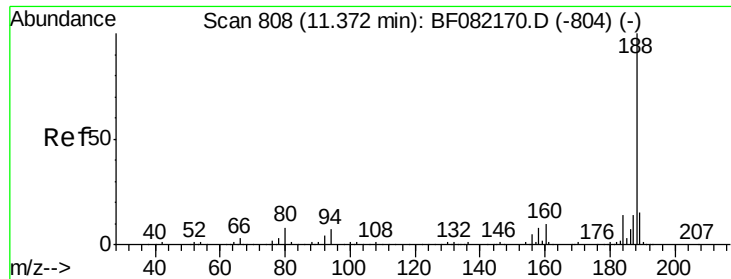
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

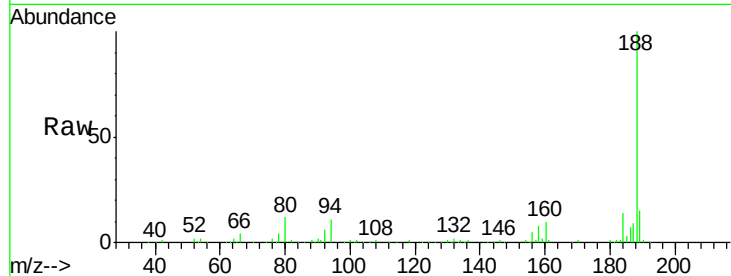
Tgt Ion:188 Resp: 301960

Ion Ratio Lower Upper

188 100

94 10.7 5.8 8.6#

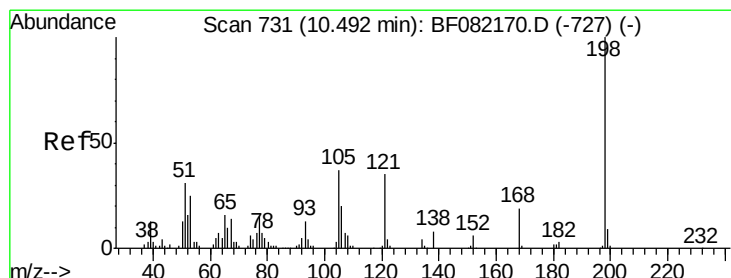
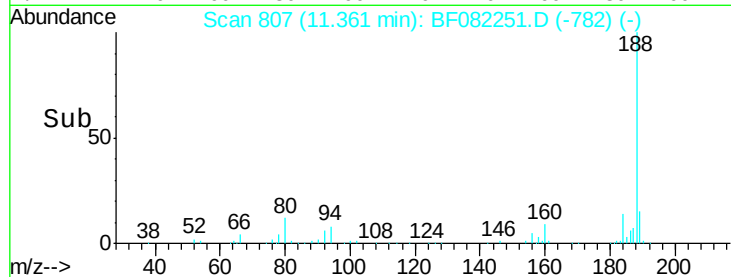
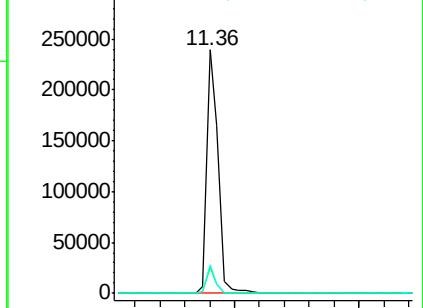
80 11.8 6.4 9.6#



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: 32.49 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

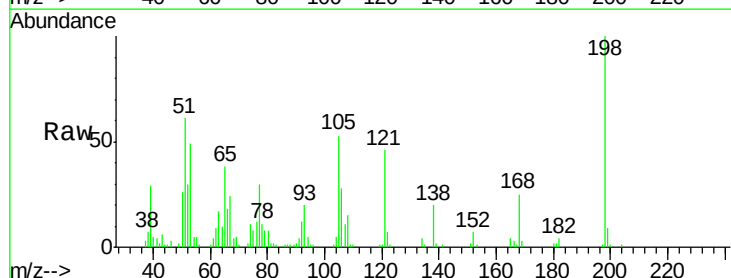
Tgt Ion:198 Resp: 55055

Ion Ratio Lower Upper

198 100

51 60.7 13.6 53.6#

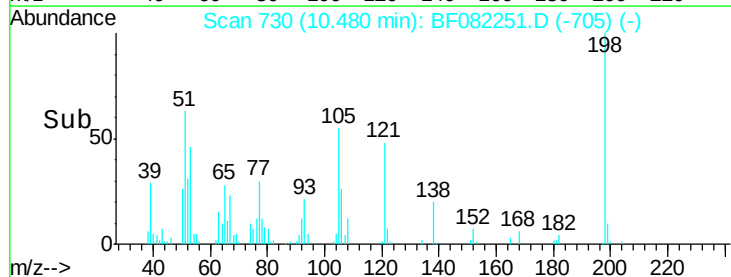
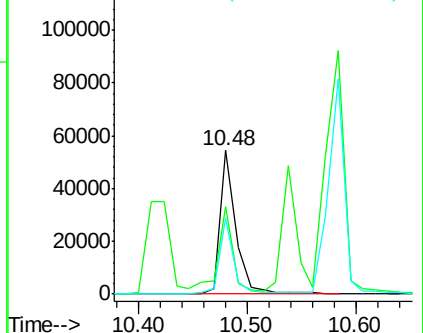
105 53.2 17.1 57.1

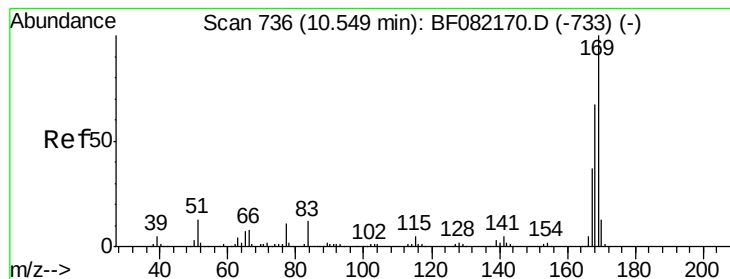


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.21 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

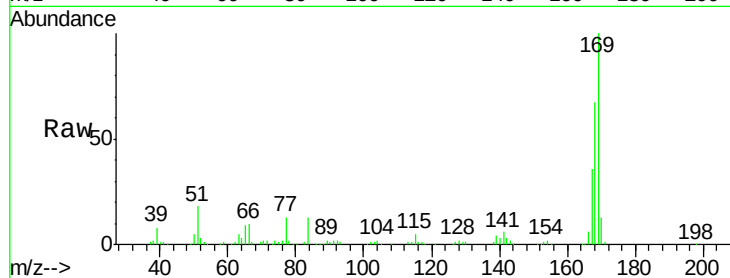
Tgt Ion:169 Resp: 336431

Ion Ratio Lower Upper

169 100

168 67.3 54.0 81.0

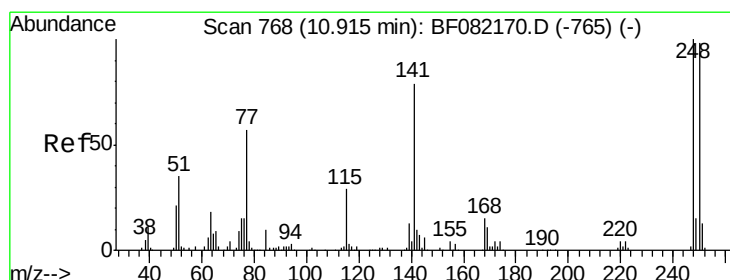
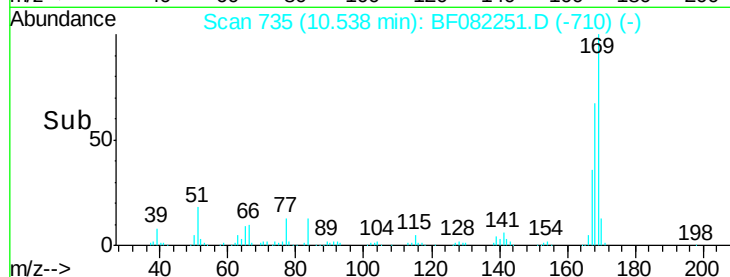
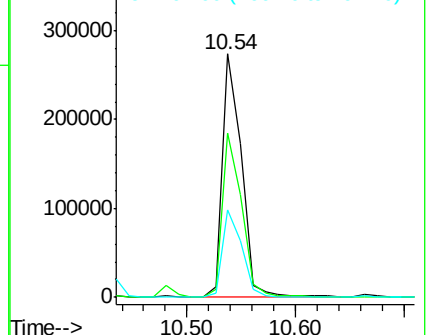
167 36.1 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.61 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

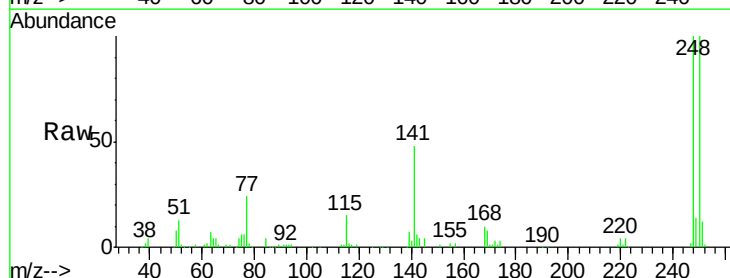
Tgt Ion:248 Resp: 113671

Ion Ratio Lower Upper

248 100

250 99.5 78.6 117.8

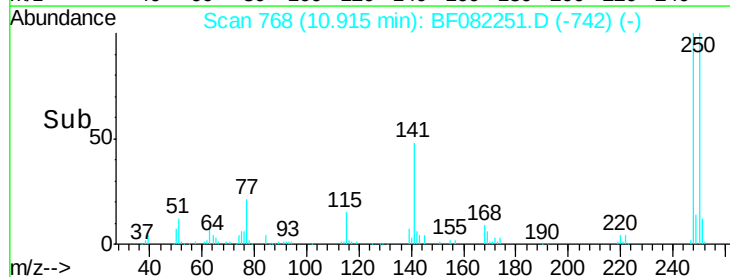
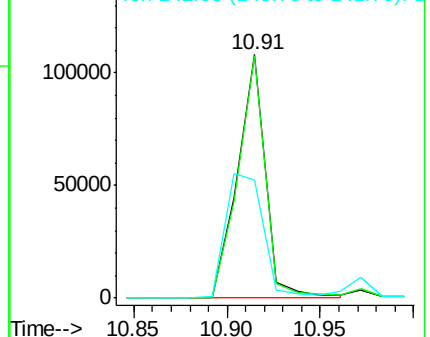
141 48.4 63.3 94.9#

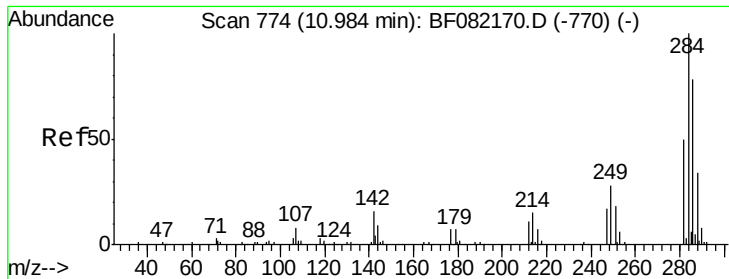


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.77 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

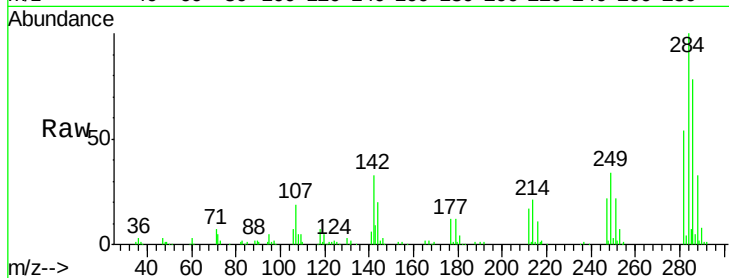
Tgt Ion:284 Resp: 123451

Ion Ratio Lower Upper

284 100

142 33.4 13.0 19.6#

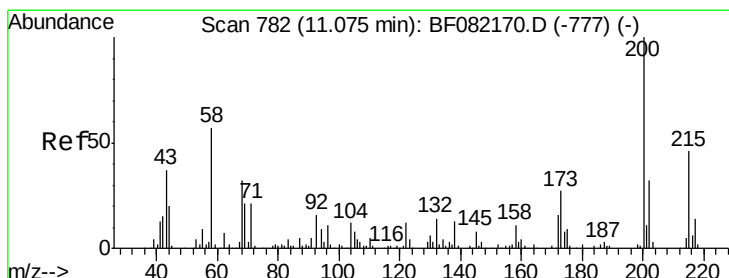
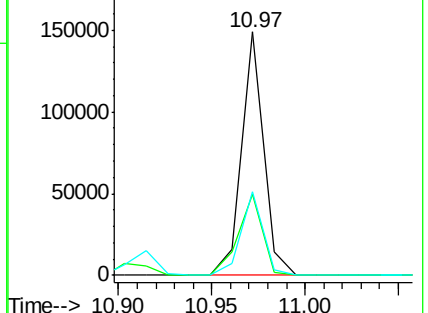
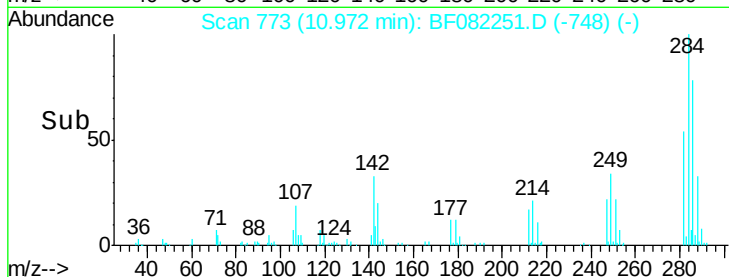
249 34.2 22.5 33.7#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.01 ng

RT: 11.07 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

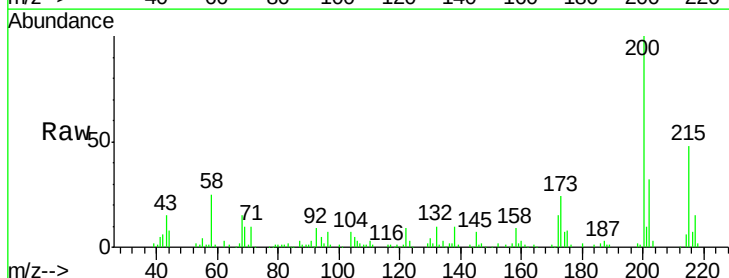
Tgt Ion:200 Resp: 123189

Ion Ratio Lower Upper

200 100

173 24.1 7.3 47.3

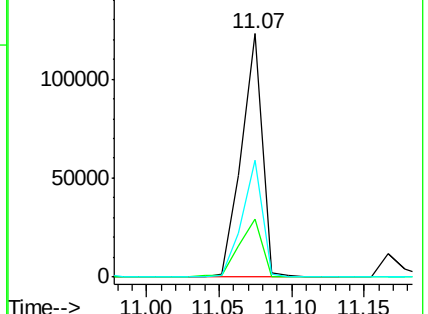
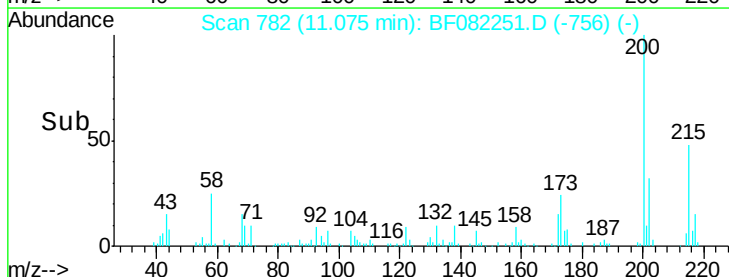
215 47.9 26.2 66.2

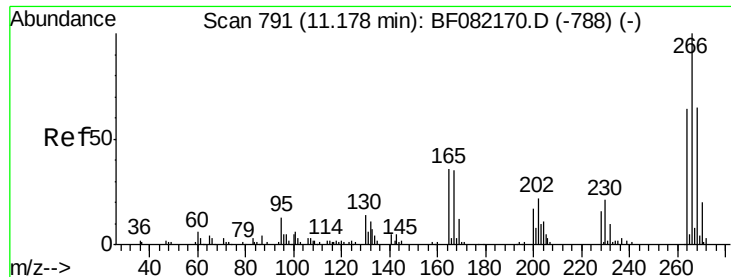


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

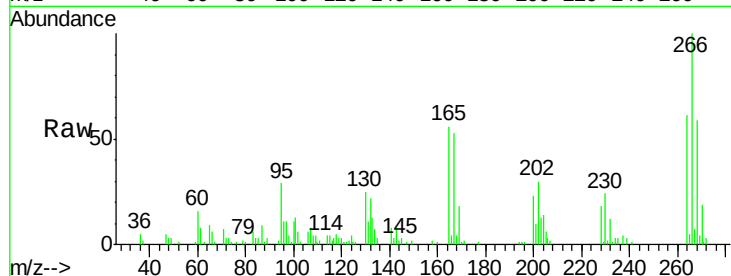




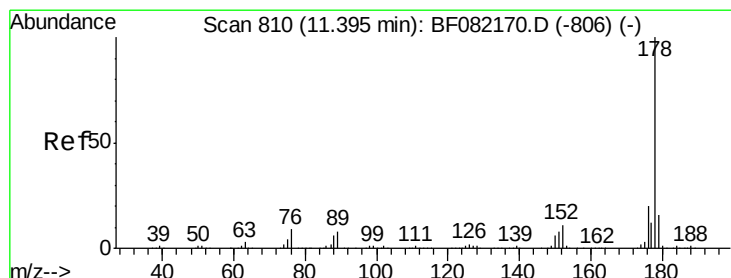
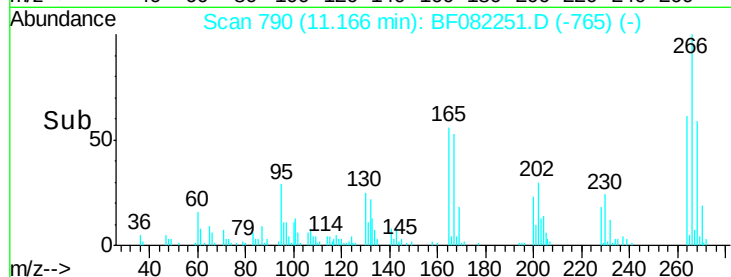
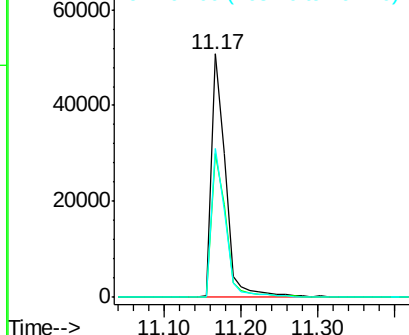
#69
 Pentachlorophenol
 Concen: 37.95 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 63825
 Ion Ratio Lower Upper
 266 100
 268 59.1 52.0 78.0
 264 61.4 51.4 77.0

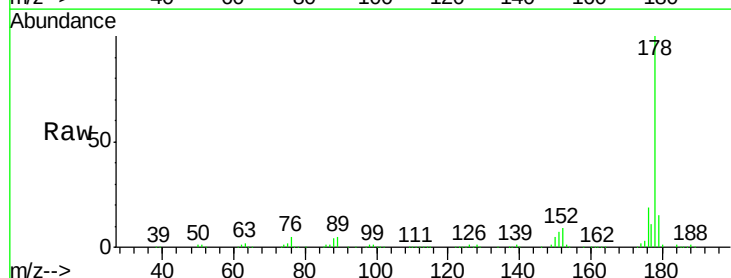


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

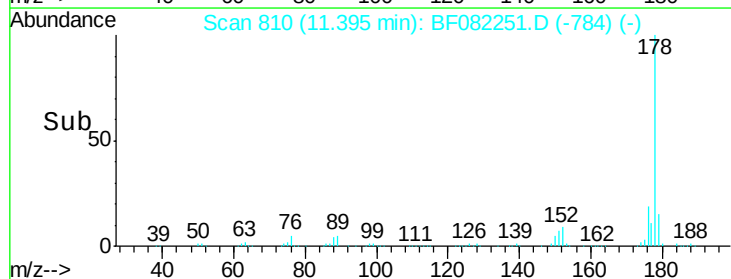
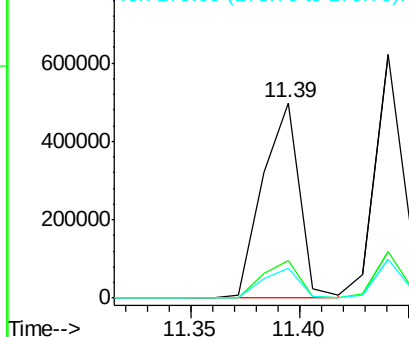


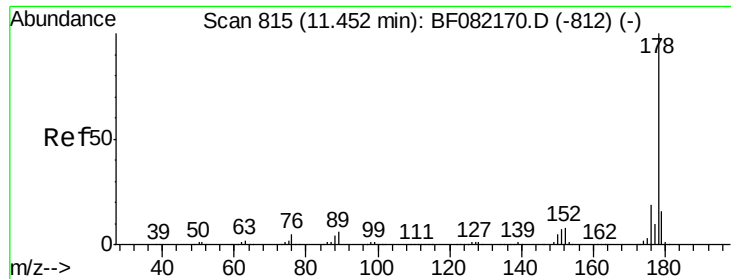
#70
 Phenanthrene
 Concen: 39.80 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion: 178 Resp: 589125
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 15.2 12.6 19.0



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

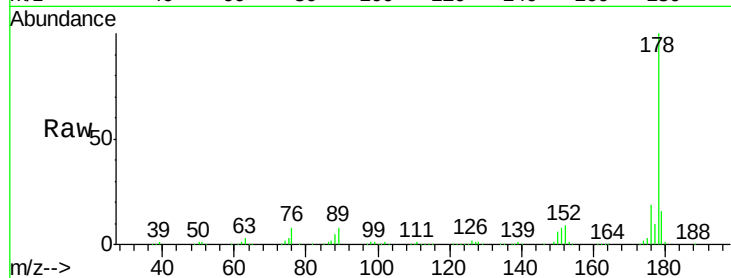




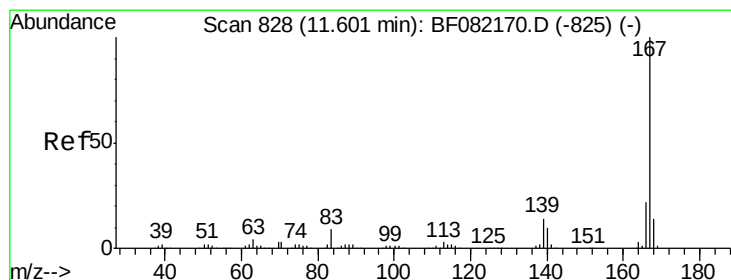
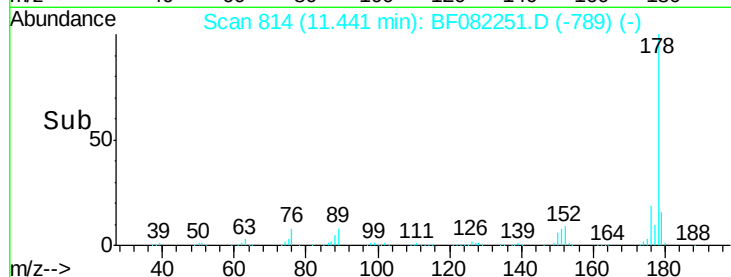
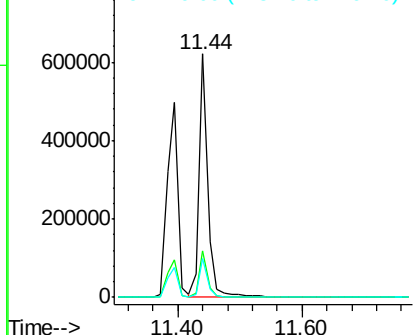
#71
 Anthracene
 Concen: 39.82 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 607317
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.8 12.5 18.7

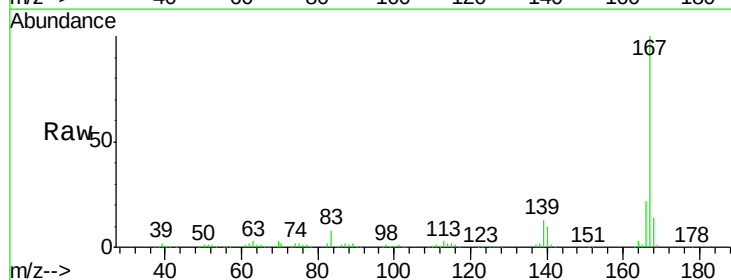


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

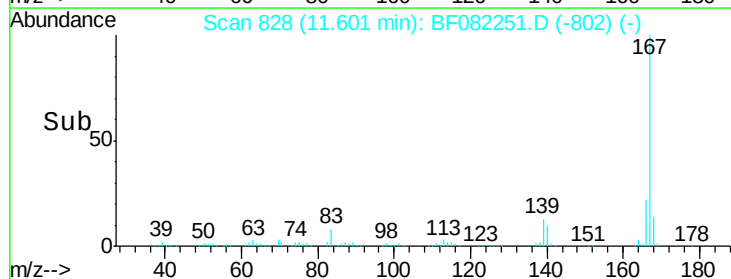
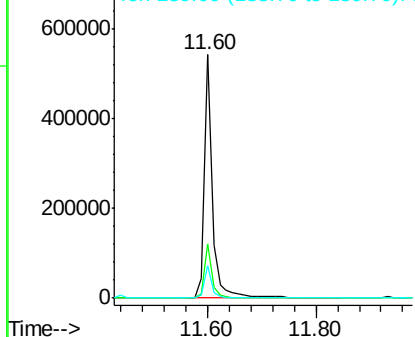


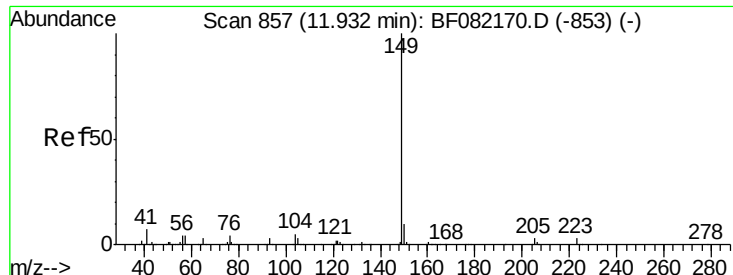
#72
 Carbazole
 Concen: 39.93 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion:167 Resp: 555541
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 13.2 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

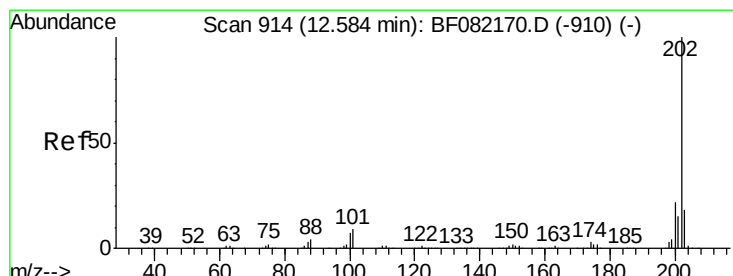
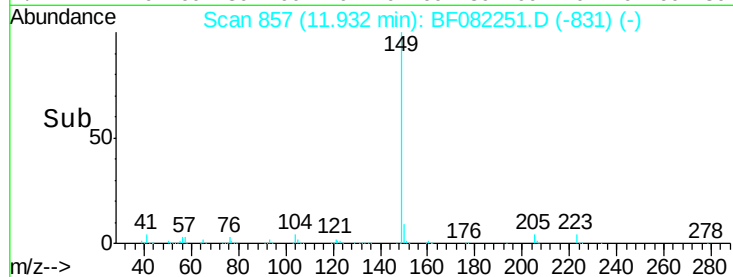
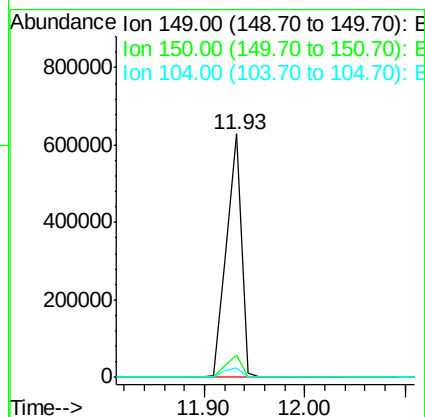
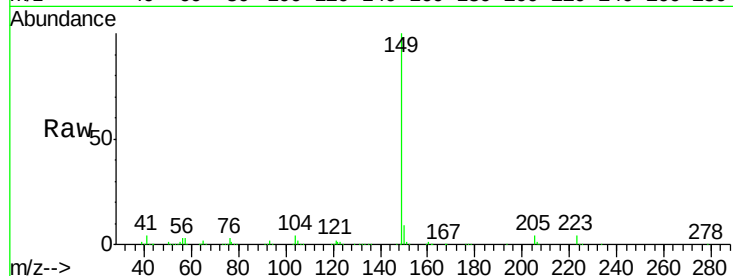




#73
Di-n-butylphthalate
Concen: 38.07 ng
RT: 11.93 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

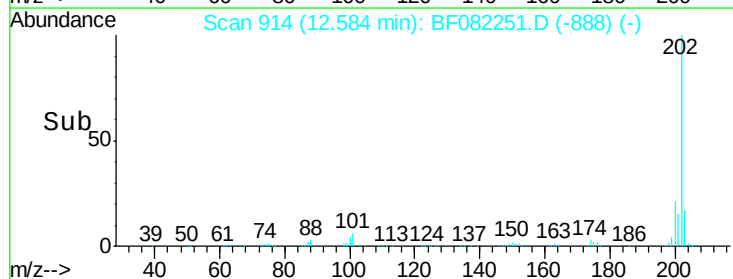
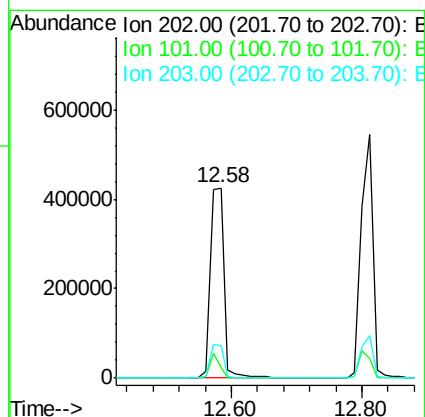
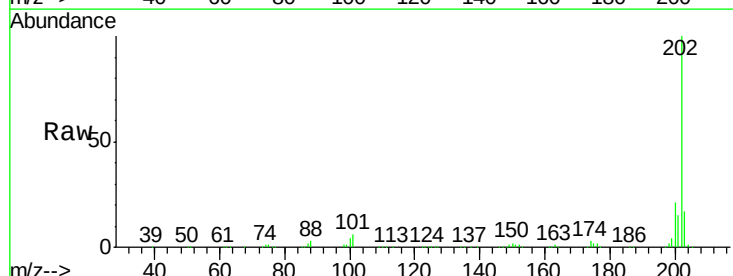
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

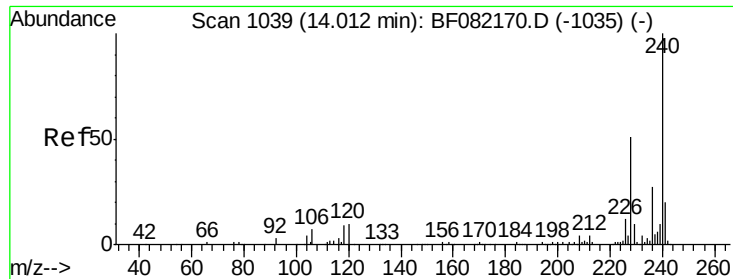
Tgt Ion:149 Resp: 653469
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 3.7 3.8 5.8#



#74
Fluoranthene
Concen: 39.45 ng
RT: 12.58 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion:202 Resp: 627173
Ion Ratio Lower Upper
202 100
101 5.9 0.0 29.3
203 17.3 0.0 37.8

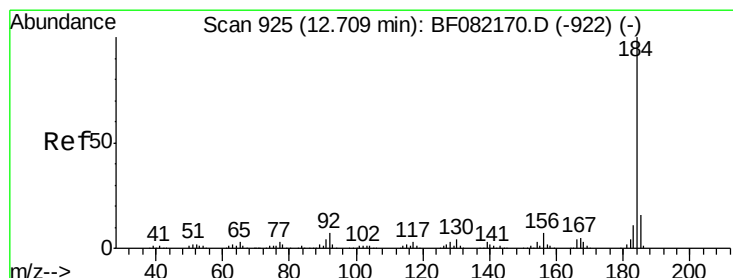
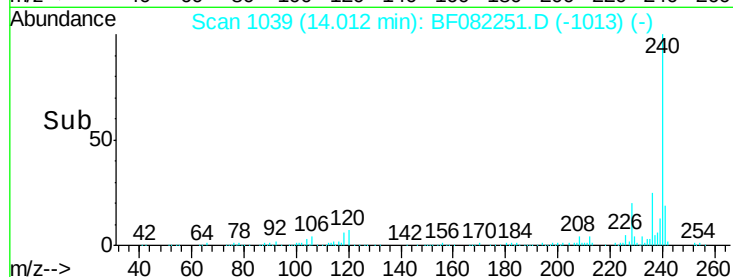
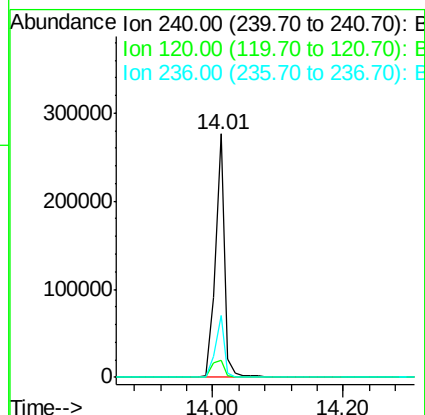
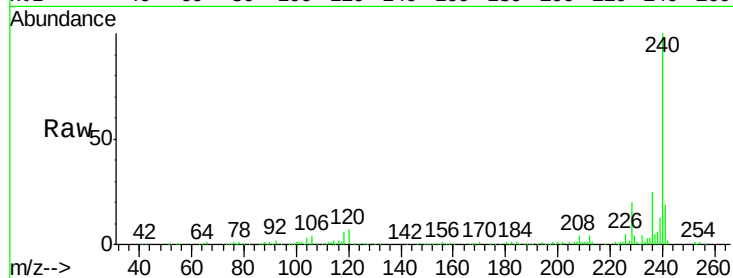




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

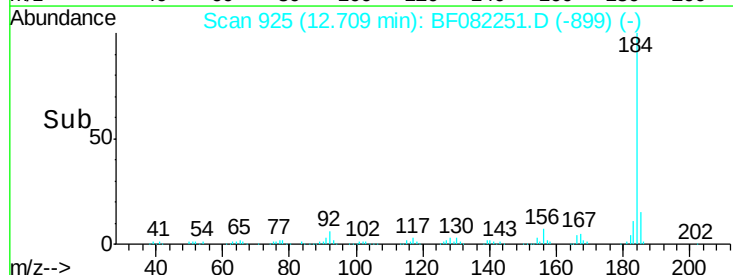
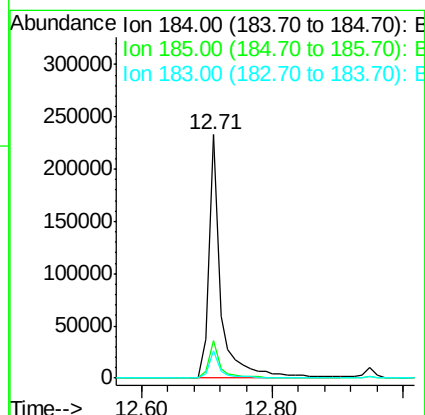
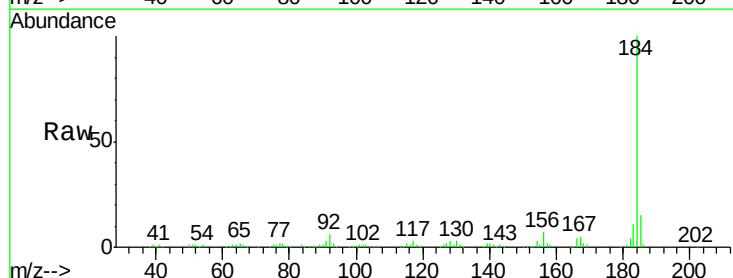
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

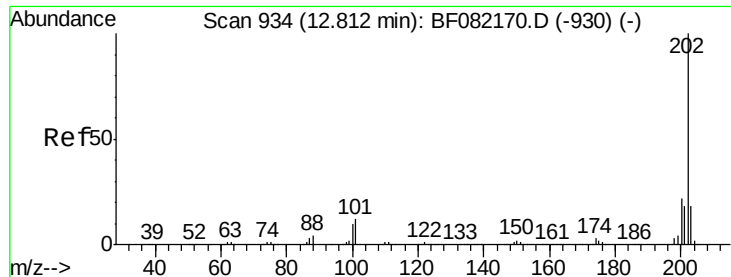
Tgt Ion: 240 Resp: 277875
 Ion Ratio Lower Upper
 240 100
 120 6.8 8.1 12.1#
 236 25.4 21.3 31.9



#76
 Benzidine
 Concen: 36.95 ng
 RT: 12.71 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion: 184 Resp: 297519
 Ion Ratio Lower Upper
 184 100
 185 15.3 12.5 18.7
 183 11.3 9.1 13.7





#77

Pyrene

Concen: 40.54 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

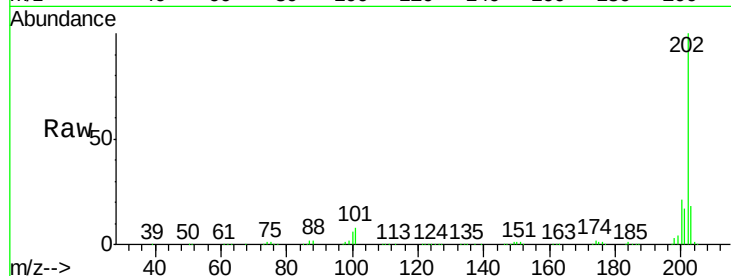
Tgt Ion:202 Resp: 668572

Ion Ratio Lower Upper

202 100

200 21.4 17.9 26.9

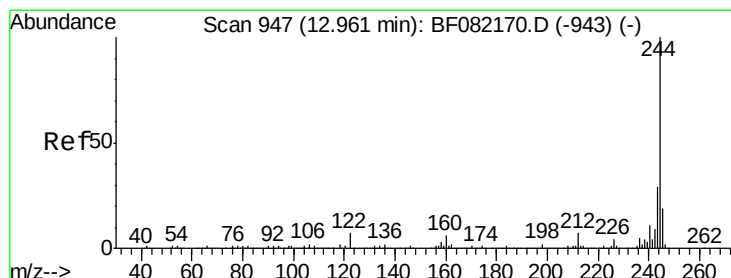
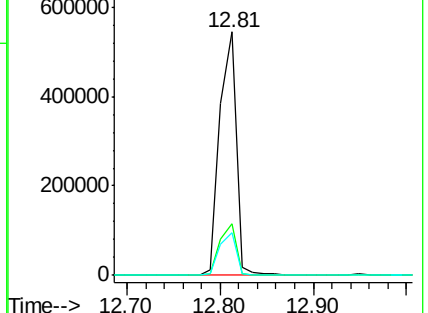
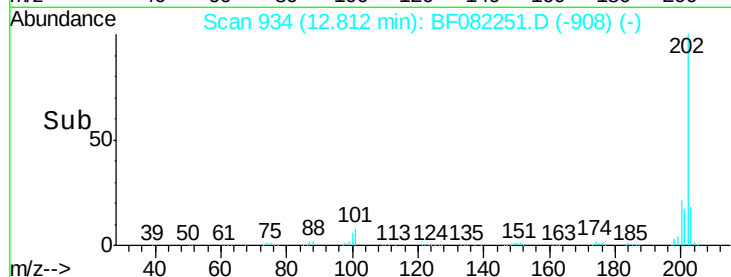
203 17.6 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.10 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

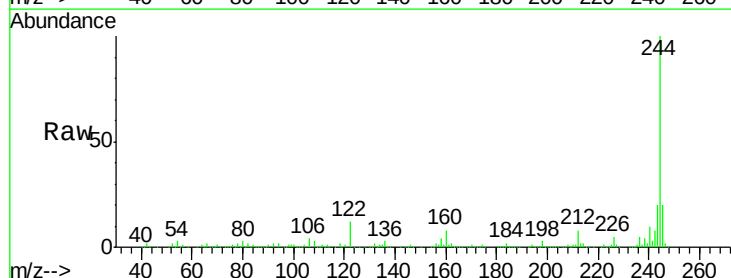
Tgt Ion:244 Resp: 735125

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

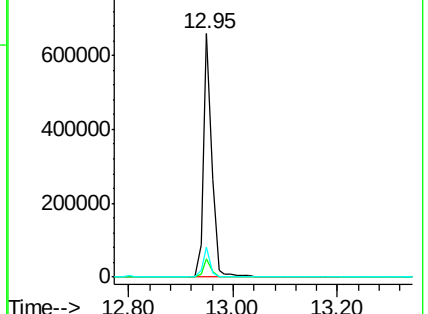
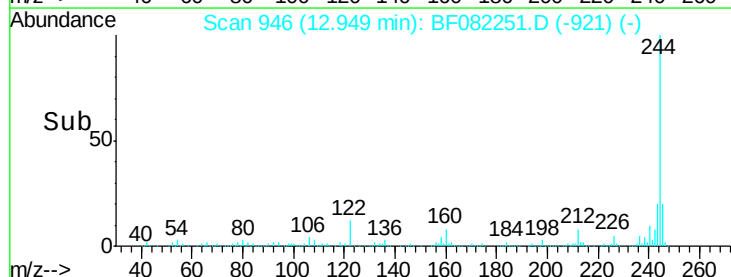
122 12.1 5.9 8.9#

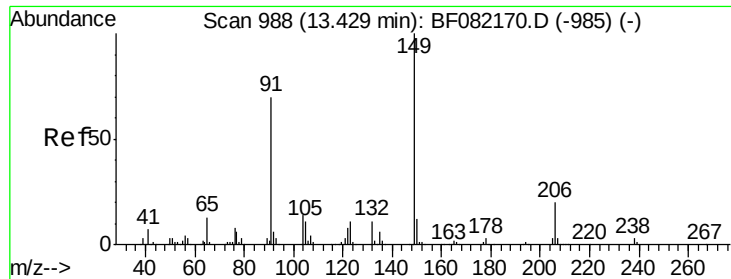


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

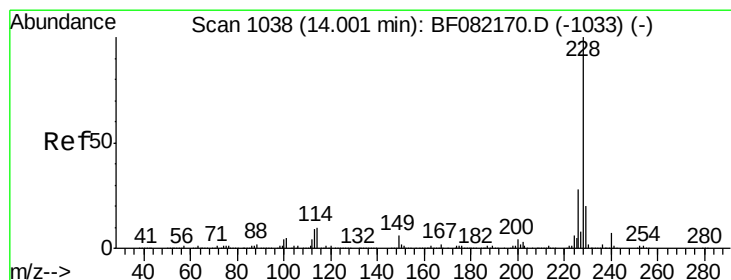
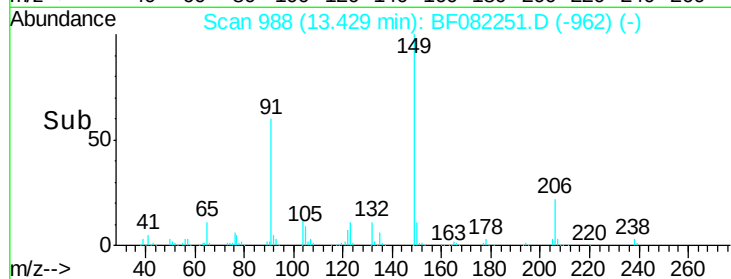
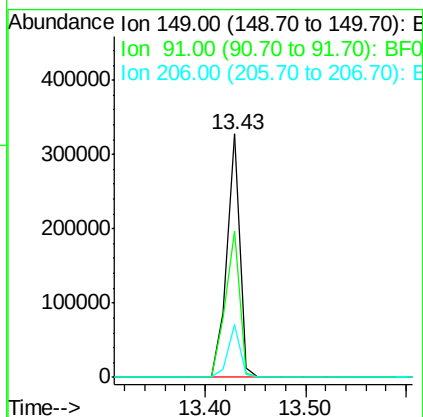
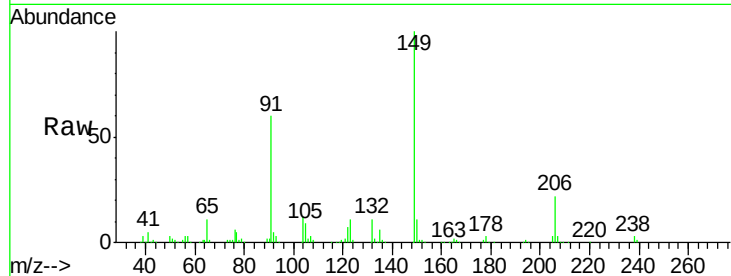




#79
Butylbenzylphthalate
Concen: 39.37 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

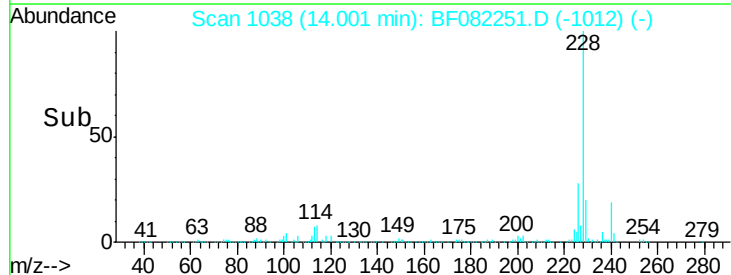
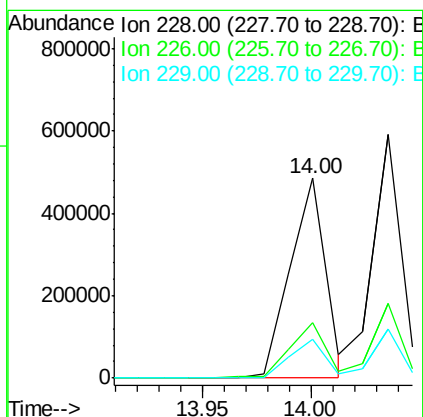
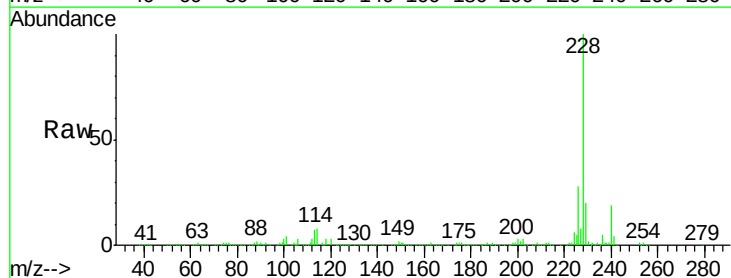
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

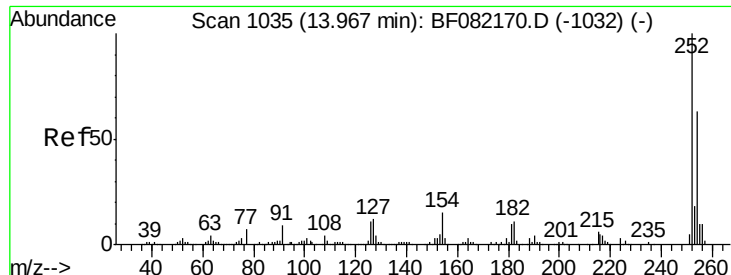
Tgt Ion:149 Resp: 296258
Ion Ratio Lower Upper
149 100
91 60.2 55.7 83.5
206 21.7 15.6 23.4



#80
Benzo(a)anthracene
Concen: 38.14 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion:228 Resp: 551453
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.7 16.2 24.2

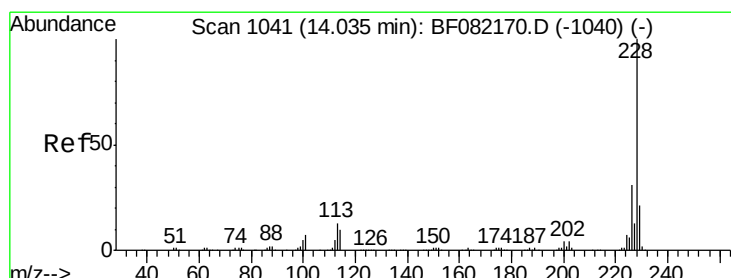
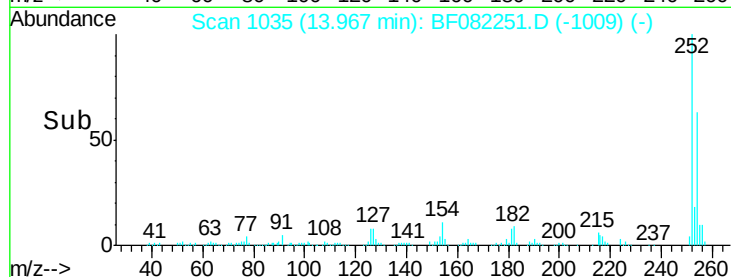
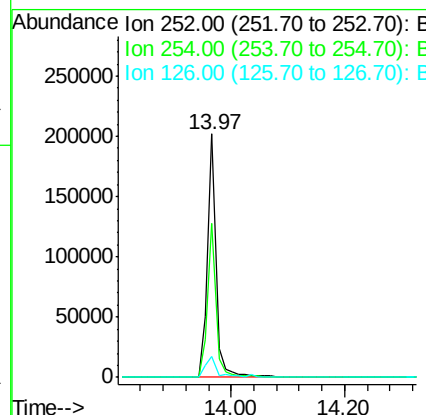
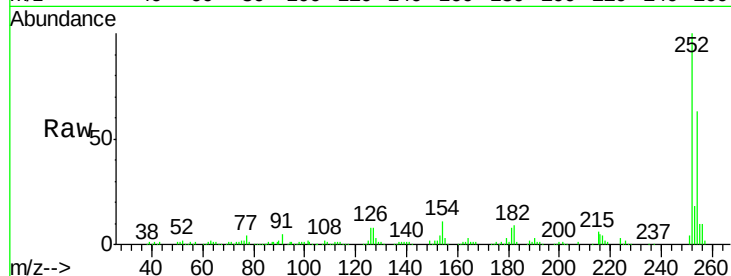




#81
 3,3'-Dichlorobenzidine
 Concen: 37.90 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

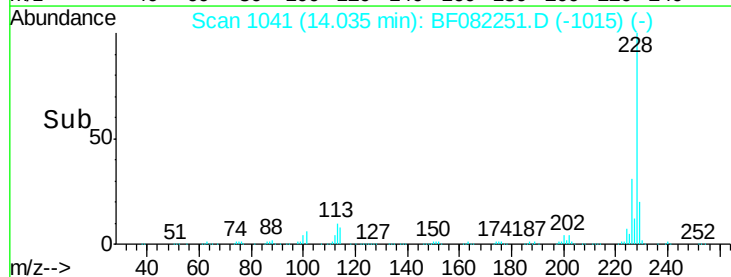
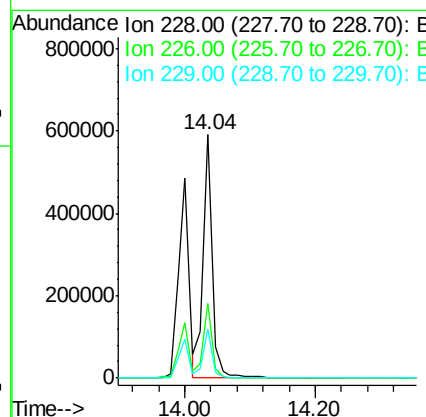
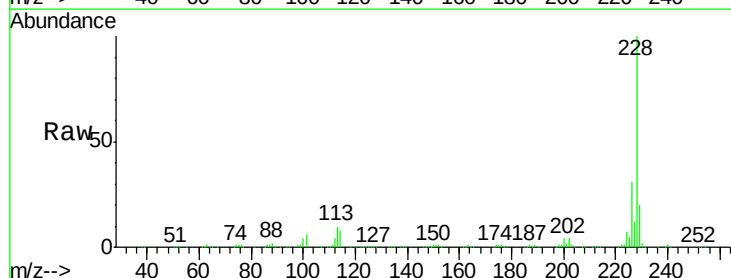
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

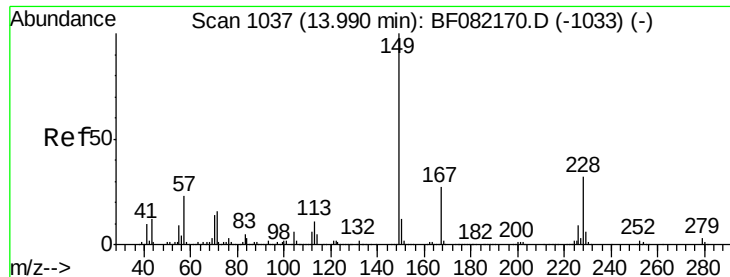
Tgt Ion: 252 Resp: 208003
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 8.5 9.0 13.6#



#82
 Chrysene
 Concen: 37.23 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion: 228 Resp: 567094
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 19.9 16.3 24.5

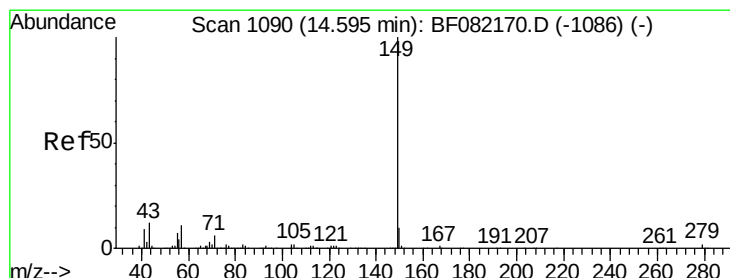
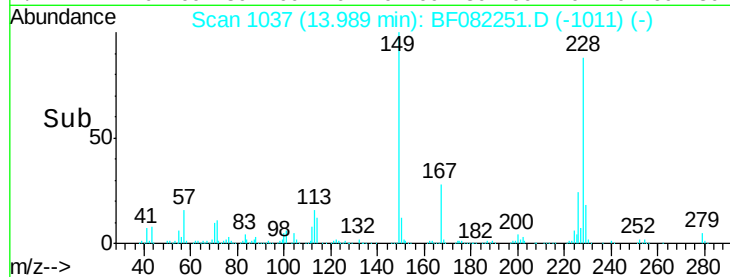
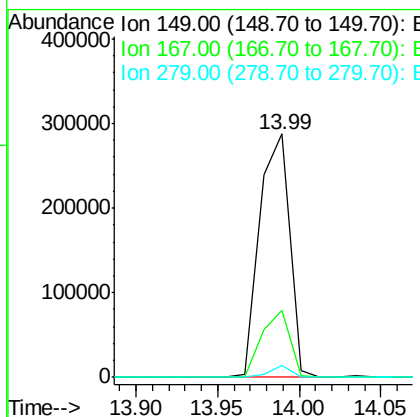
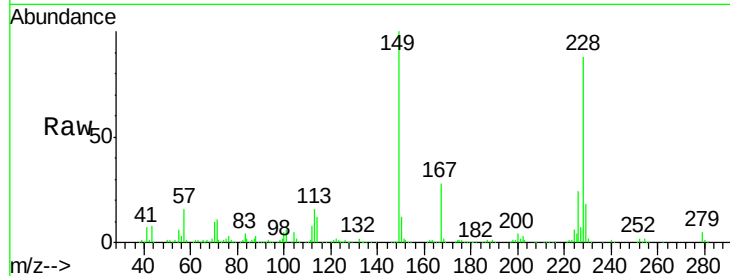




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.56 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

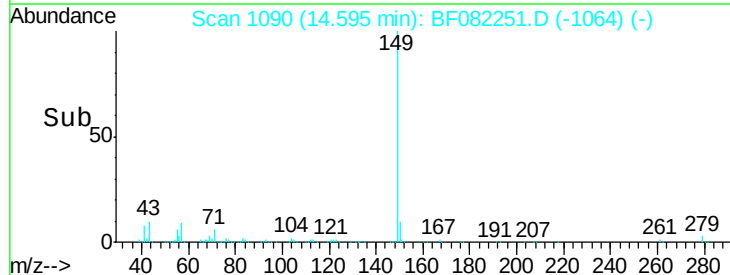
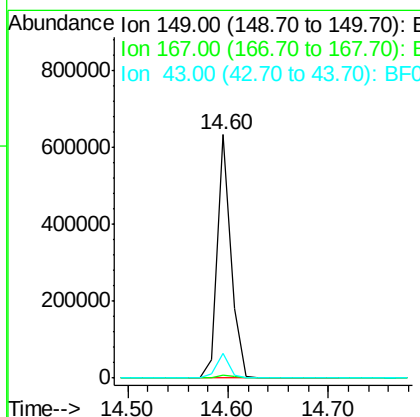
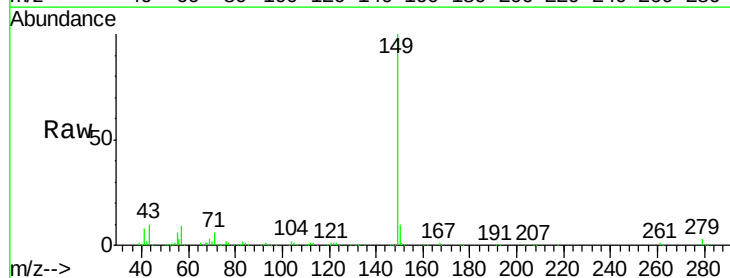
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

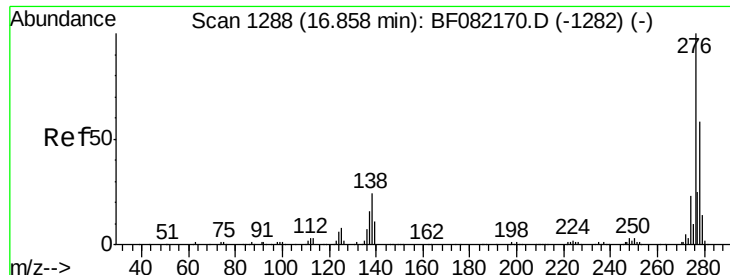
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	4.8	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 32.42 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.0	7.4	11.2

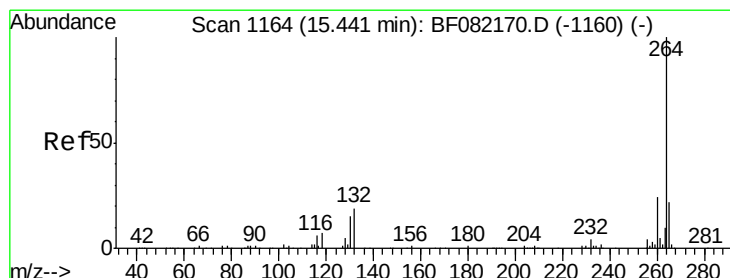
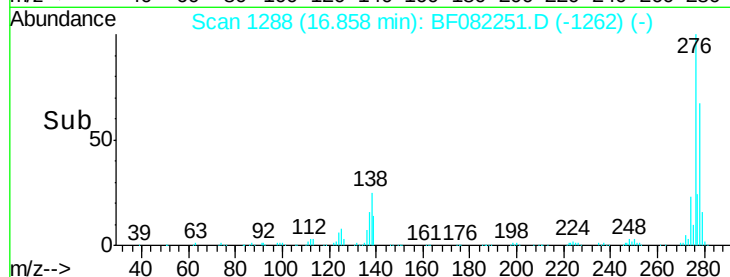
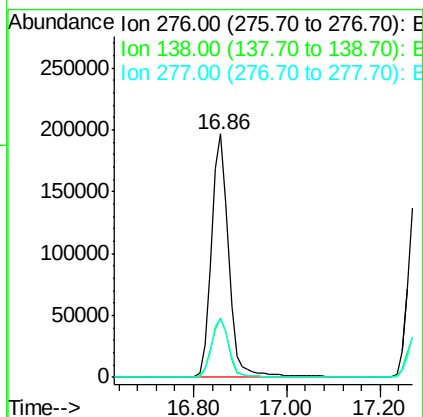
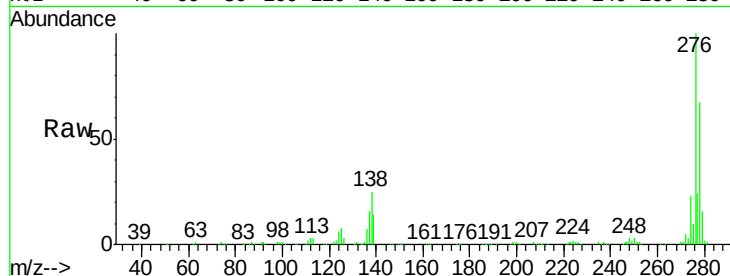




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.11 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

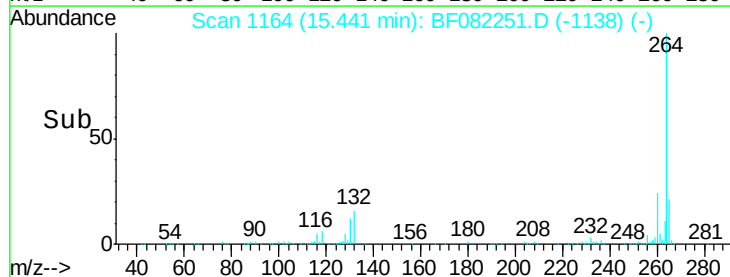
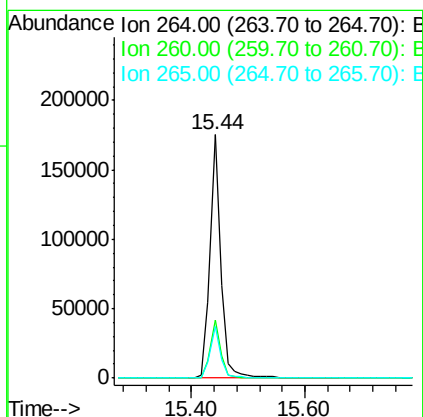
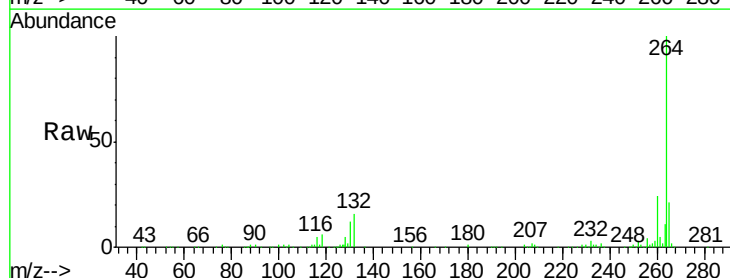
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

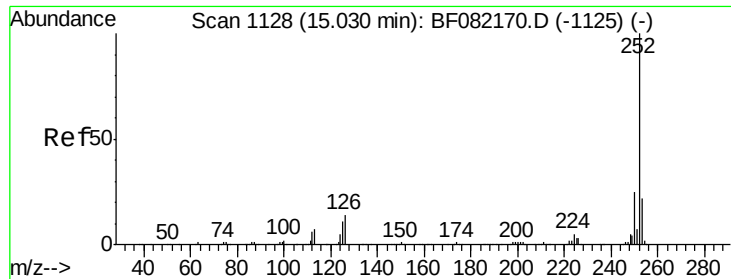
Tgt Ion: 276 Resp: 509863
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.7 29.5
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082251.D
 Acq: 13 Oct 2015 9:25

Tgt Ion: 264 Resp: 224055
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.3 17.3 25.9

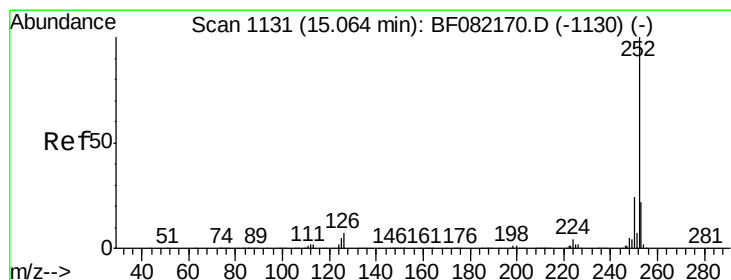
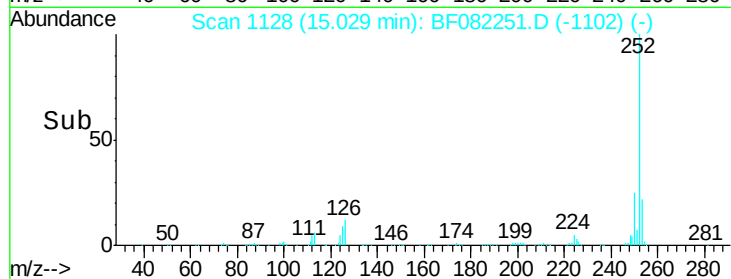
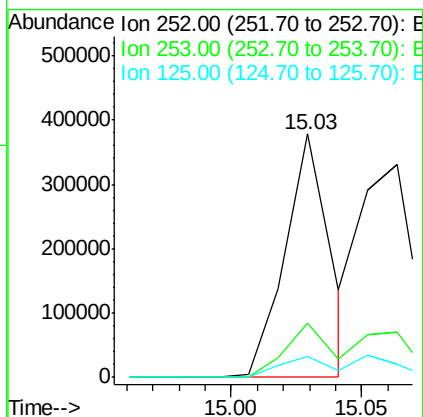
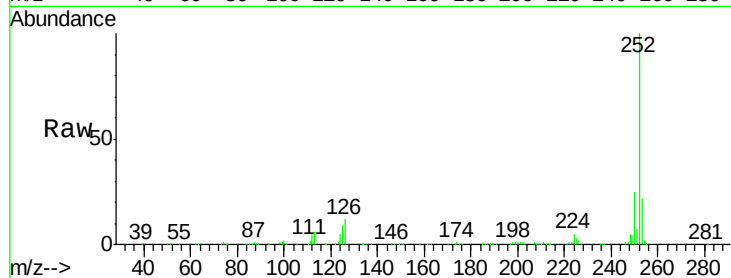




#87
Benzo(b)fluoranthene
Concen: 32.97 ng
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

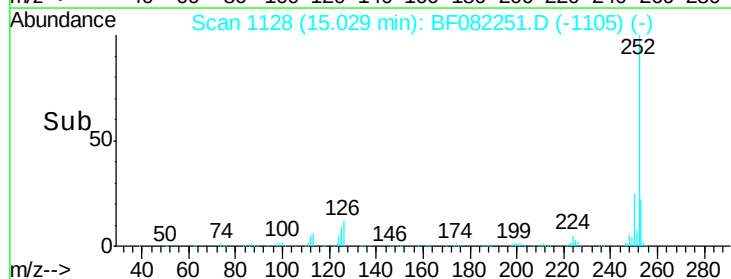
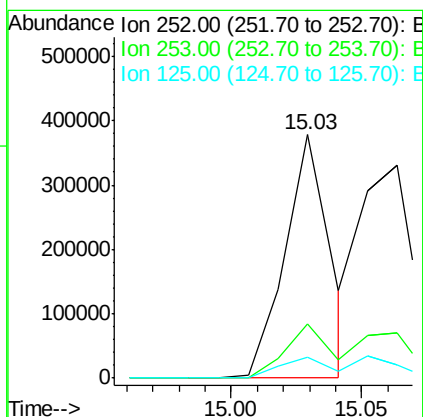
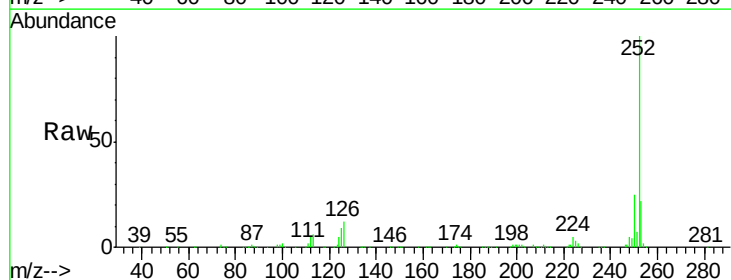
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

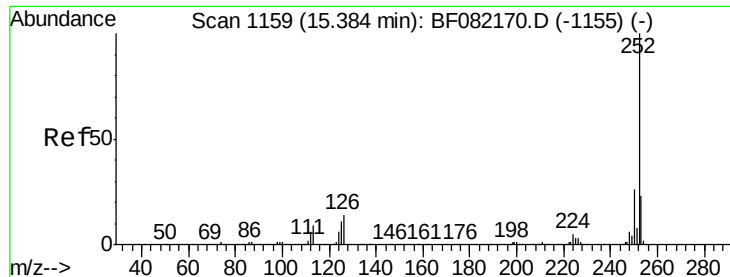
Tgt Ion:252 Resp: 449416
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 8.8 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 39.22 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF082251.D
Acq: 13 Oct 2015 9:25

Tgt Ion:252 Resp: 449416
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.8 6.7 10.1





#89

Benzo(a)pyrene

Concen: 37.25 ng

RT: 15.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

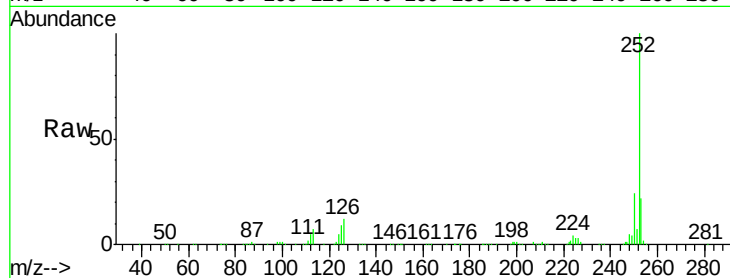
Tgt Ion: 252 Resp: 436354

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

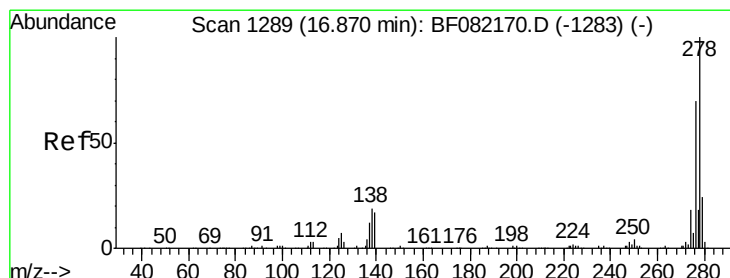
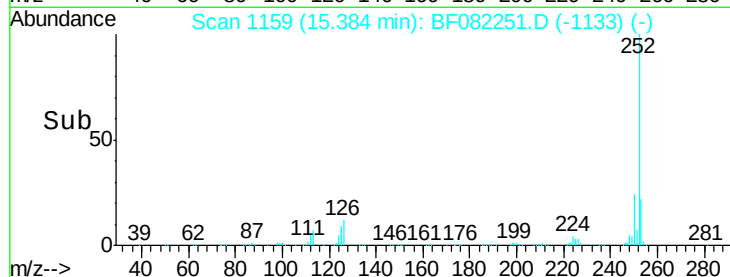
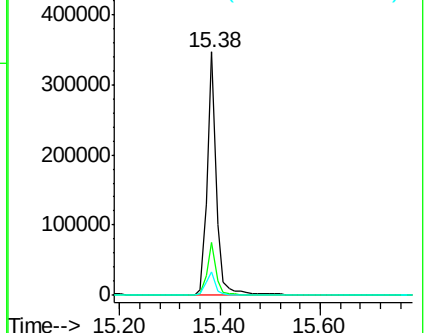
125 9.4 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.67 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF082251.D

Acq: 13 Oct 2015 9:25

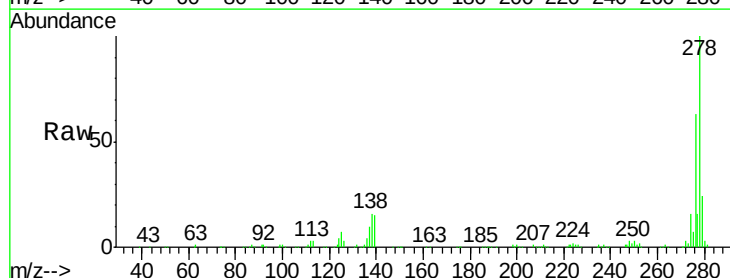
Tgt Ion: 278 Resp: 419239

Ion Ratio Lower Upper

278 100

139 14.9 13.3 19.9

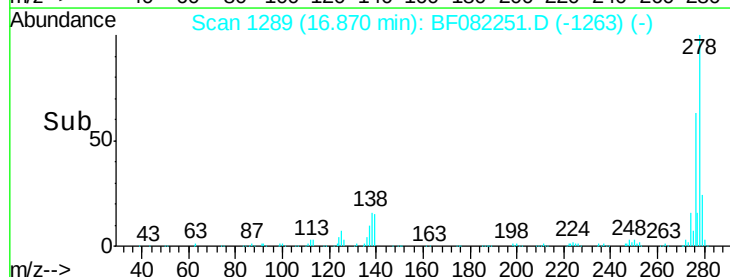
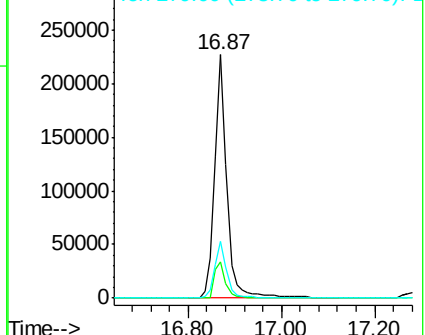
279 23.5 18.9 28.3

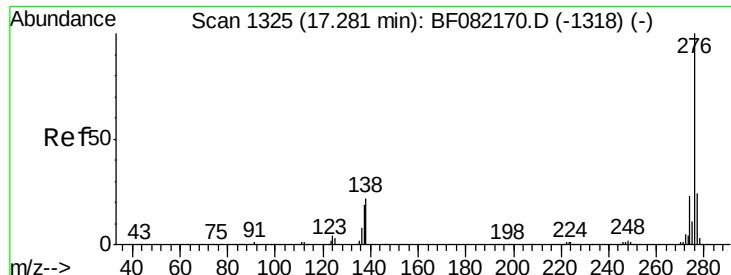


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.40 ng

RT: 17.28 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF082251.D

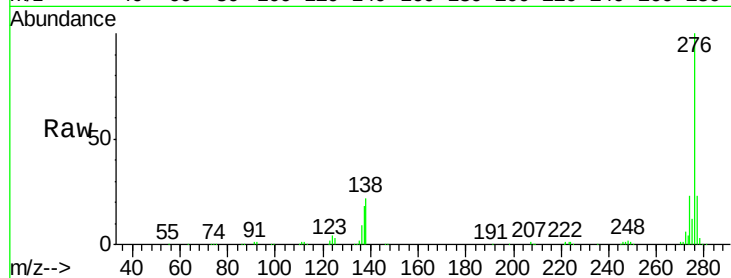
Acq: 13 Oct 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



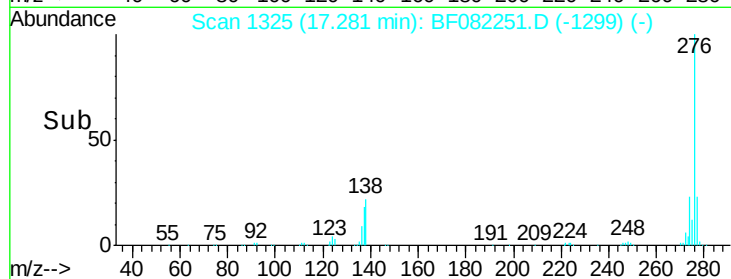
Tgt Ion: 276 Resp: 423387

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.6 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

