

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082658.D
 Acq On : 3 Nov 2015 13:59
 Operator : UM/IZ
 Sample : PB86403BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Quant Time: Nov 04 03:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172575	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	688416	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	370330	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	670714	20.00	ng	0.00
75) Chrysene-d12	14.07	240	588450	20.00	ng	0.01
86) Perylene-d12	15.55	264	478446	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1267962	110.66	ng	0.01
7) Phenol-d6	6.51	99	1684376	110.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	1286023	76.28	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	487658	120.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2126688	81.53	ng	0.00
78) Terphenyl-d14	13.00	244	2188681	81.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	158451	29.91	ng	92
3) Pyridine	3.26	79	515803	33.21	ng	94
4) n-Nitrosodimethylamine	3.21	42	263772	30.17	ng	94
6) Aniline	6.53	93	469403	22.15	ng	90
8) 2-Chlorophenol	6.66	128	457260	36.88	ng	# 74
9) Benzaldehyde	6.42	77	188552	18.14	ng	89
10) Phenol	6.52	94	566918	32.87	ng	100
11) bis(2-Chloroethyl)ether	6.61	93	478901	37.64	ng	92
12) 1,3-Dichlorobenzene	7.05	146	475587	33.64	ng	97
13) 1,4-Dichlorobenzene	6.90	146	549257	39.18	ng	95
14) 1,2-Dichlorobenzene	7.05	146	475528	36.54	ng	93
15) Benzyl Alcohol	7.02	79	545763	38.45	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.16	45	729856	36.09	ng	97
17) 2-Methylphenol	7.14	107	440567	41.80	ng	96
18) Hexachloroethane	7.40	117	197203	36.04	ng	# 81
19) n-Nitroso-di-n-propylamine	7.30	70	418993	36.31	ng	88
20) 3+4-Methylphenols	7.29	107	503353	36.74	ng	93
22) Acetophenone	7.29	105	693596	34.22	ng	# 85
24) Nitrobenzene	7.46	77	567534	33.31	ng	89
25) Isophorone	7.71	82	1080649	34.84	ng	# 95
26) 2-Nitrophenol	7.78	139	237302	38.12	ng	# 83
27) 2,4-Dimethylphenol	7.82	122	497583	40.95	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	590036	34.78	ng	98
29) 2,4-Dichlorophenol	8.02	162	415716	37.53	ng	86
30) 1,2,4-Trichlorobenzene	8.11	180	446955	36.36	ng	98
31) Naphthalene	8.19	128	1370129	36.78	ng	99
32) Benzoic acid	7.94	122	297787	33.78	ng	96
33) 4-Chloroaniline	8.24	127	228025	14.34	ng	# 87
34) Hexachlorobutadiene	8.32	225	290145	37.12	ng	99
35) Caprolactam	8.60	113	109328	32.17	ng	# 81
36) 4-Chloro-3-methylphenol	8.72	107	469060	35.96	ng	96
37) 2-Methylnaphthalene	8.89	142	928158	38.45	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	417253	33.77	ng	98
40) Hexachlorocyclopentadiene	9.05	237	610269	78.55	ng	97

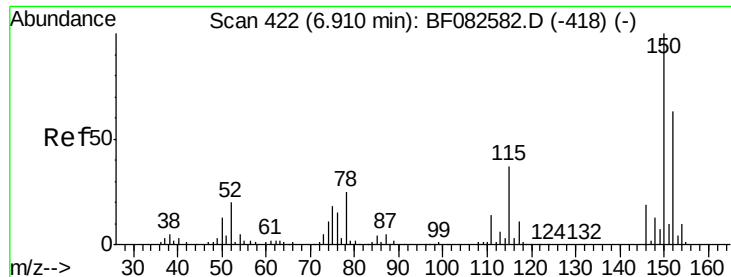
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082658.D
 Acq On : 3 Nov 2015 13:59
 Operator : UM/IZ
 Sample : PB86403BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Nov 04 03:10:58 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	367281	41.16	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	291933	32.84	ng	97
45) 1,1'-Biphenyl	9.34	154	1054590	33.71	ng	96
46) 2-Chloronaphthalene	9.37	162	839078	34.35	ng	94
47) 2-Nitroaniline	9.46	65	324631	34.19	ng	93
48) Acenaphthylene	9.79	152	1515089	38.78	ng	99
49) Dimethylphthalate	9.65	163	1199332	39.65	ng	99
50) 2,6-Dinitrotoluene	9.71	165	258216	41.19	ng	# 67
51) Acenaphthene	9.96	154	1047744	42.24	ng	99
52) 3-Nitroaniline	9.87	138	142273	20.40	ng	# 78
53) 2,4-Dinitrophenol	9.97	184	238599	72.16	ng	# 37
54) Dibenzofuran	10.13	168	1341792	39.87	ng	94
55) 4-Nitrophenol	10.03	139	371789	70.85	ng	# 80
56) 2,4-Dinitrotoluene	10.11	165	360093	42.48	ng	89
57) Fluorene	10.48	166	1087339	40.05	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	278627	37.08	ng	96
59) Diethylphthalate	10.35	149	1096188	35.60	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	462195	35.03	ng	# 83
61) 4-Nitroaniline	10.49	138	251239	37.75	ng	# 82
62) Azobenzene	10.62	77	1255741	36.16	ng	89
64) 4,6-Dinitro-2-methylphenol	10.52	198	181440	44.85	ng	76
65) n-Nitrosodiphenylamine	10.59	169	914259	39.65	ng	98
66) 4-Bromophenyl-phenylether	10.96	248	311339	40.96	ng	# 78
67) Hexachlorobenzene	11.02	284	335119	39.76	ng	# 80
68) Atrazine	11.12	200	350970	46.53	ng	97
69) Pentachlorophenol	11.22	266	459032	82.60	ng	99
70) Phenanthrene	11.44	178	1618507	42.78	ng	99
71) Anthracene	11.48	178	1441573	37.85	ng	99
72) Carbazole	11.64	167	1418149	42.74	ng	97
73) Di-n-butylphthalate	11.98	149	1874675	44.39	ng	# 97
74) Fluoranthene	12.63	202	1702498	44.02	ng	96
76) Benzidine	12.74	184	502300	18.93	ng	99
77) Pyrene	12.85	202	1748370	40.12	ng	99
79) Butylbenzylphthalate	13.48	149	857122	44.91	ng	91
80) Benzo(a)anthracene	14.05	228	1454218	38.90	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	325467	25.27	ng	# 95
82) Chrysene	14.09	228	1283052	37.87	ng	100
83) Bis(2-ethylhexyl)phthalate	14.07	149	1147079	46.36	ng	# 99
84) Di-n-octyl phthalate	14.71	149	1806204	46.80	ng	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	1143099	40.88	ng	99
87) Benzo(b)fluoranthene	15.13	252	1346455	40.81	ng	# 98
88) Benzo(k)fluoranthene	15.13	252	1346455	53.57	ng	# 97
89) Benzo(a)pyrene	15.49	252	1075277	41.39	ng	# 97
90) Dibenzo(a,h)anthracene	17.00	278	964411	39.78	ng	96
91) Benzo(g,h,i)perylene	17.40	276	931609	39.65	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

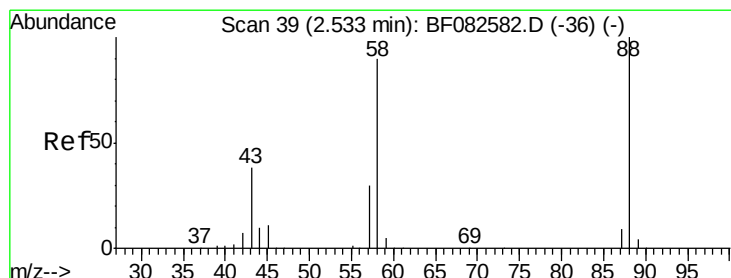
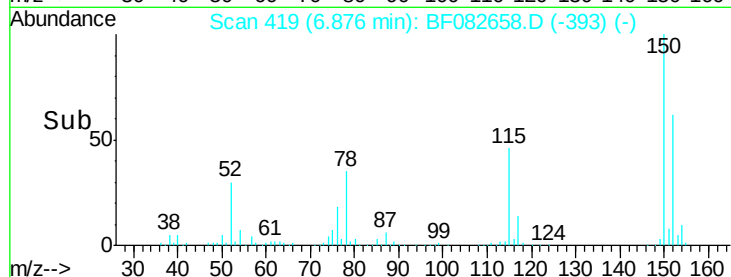
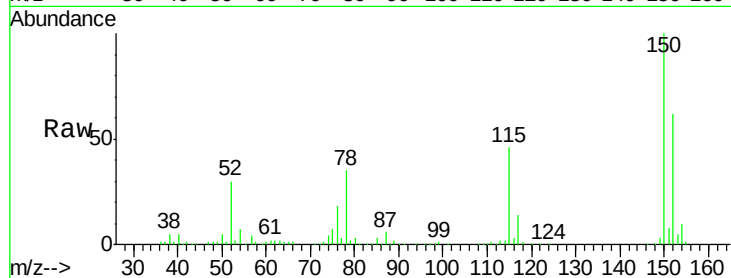
Tgt Ion:152 Resp: 172575

Ion Ratio Lower Upper

152 100

150 160.6 127.0 190.4

115 73.1 47.0 70.6#



#2

1,4-Dioxane

Concen: 29.91 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.08 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

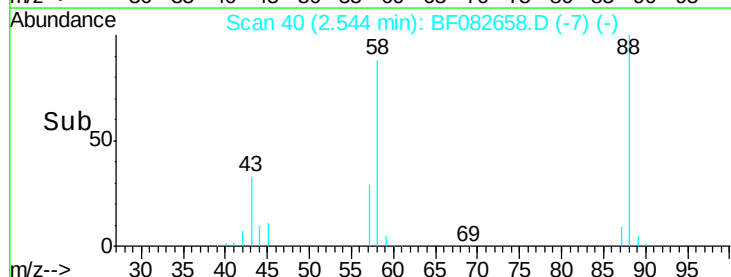
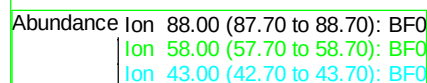
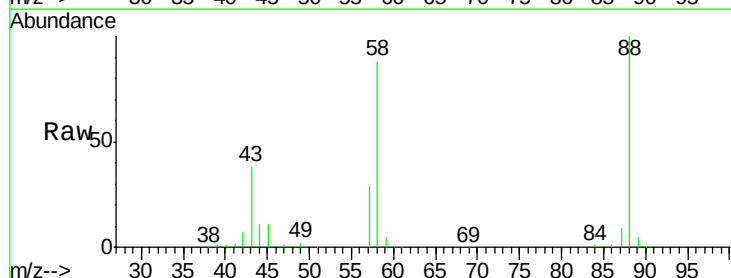
Tgt Ion: 88 Resp: 158451

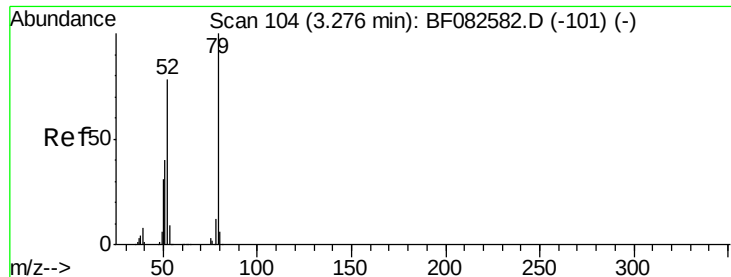
Ion Ratio Lower Upper

88 100

58 85.9 62.0 93.0

43 36.0 26.6 40.0





#3

Pyridine

Concen: 33.21 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.07 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

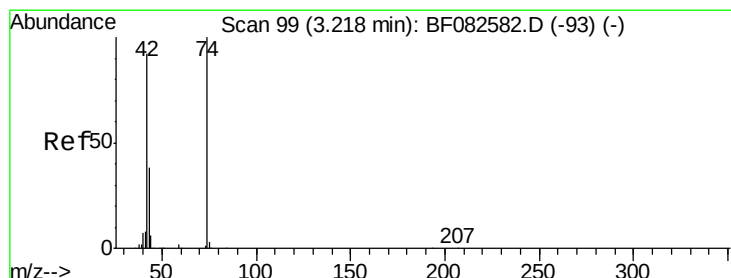
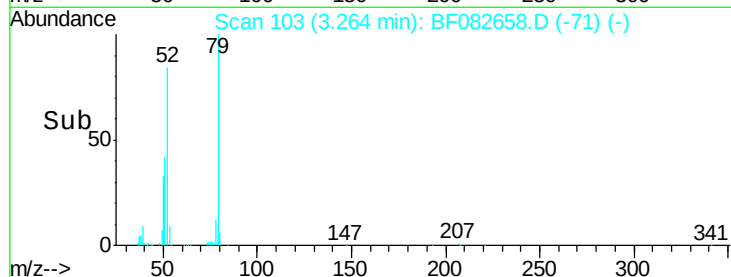
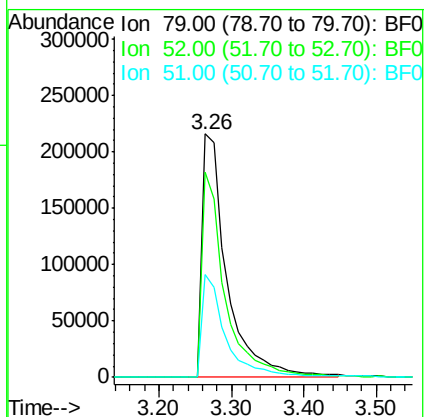
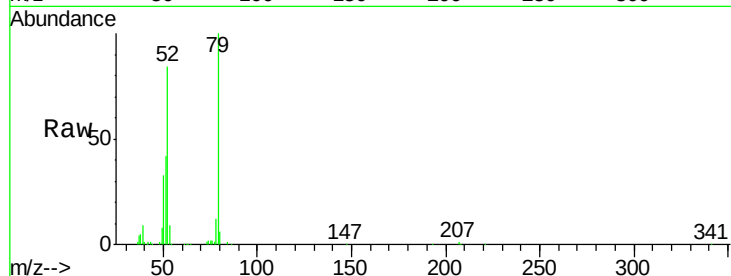
Tgt Ion: 79 Resp: 515803

Ion Ratio Lower Upper

79 100

52 84.5 62.8 94.2

51 42.2 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 30.17 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.07 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

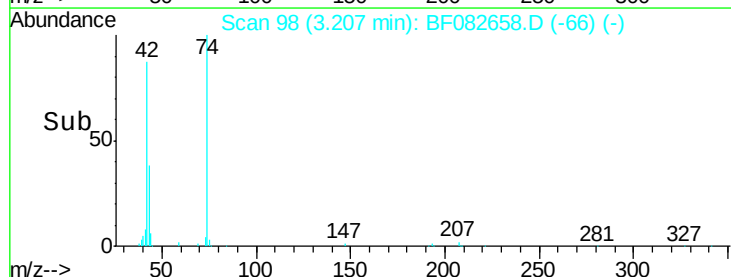
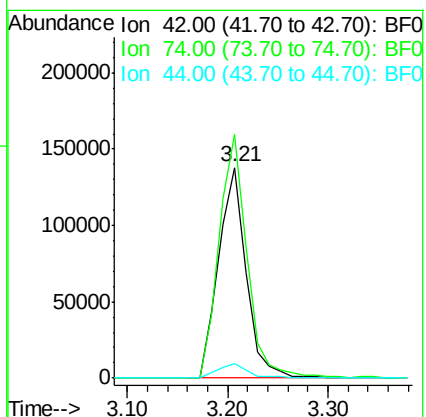
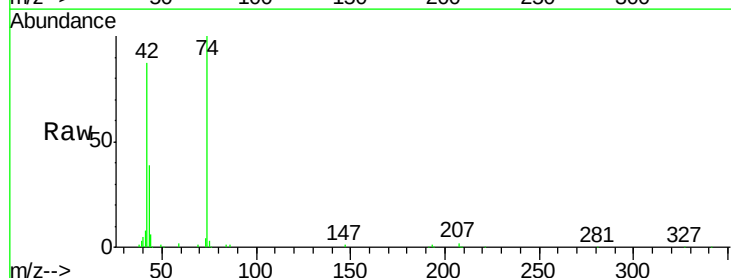
Tgt Ion: 42 Resp: 263772

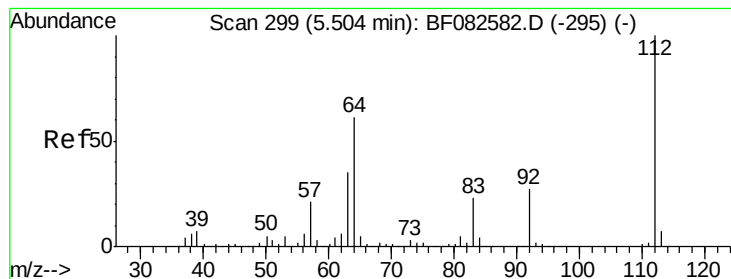
Ion Ratio Lower Upper

42 100

74 115.5 87.0 130.4

44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 110.66 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

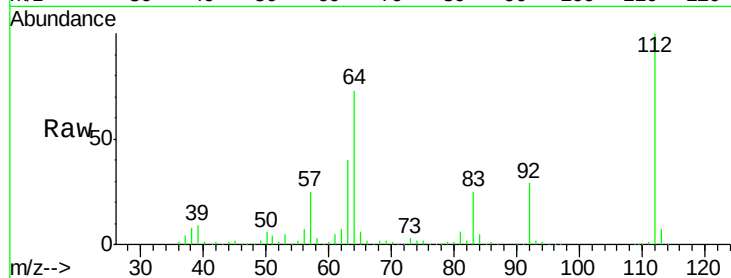
Tgt Ion: 112 Resp: 1267962

Ion Ratio Lower Upper

112 100

64 73.2 48.9 73.3

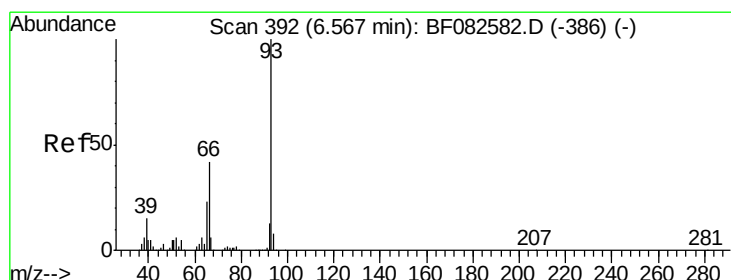
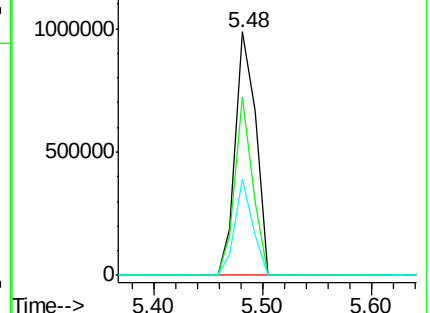
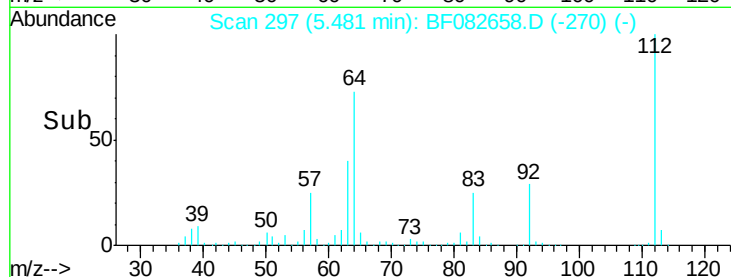
63 39.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.15 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

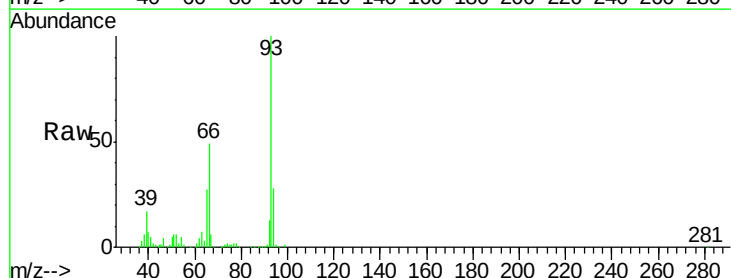
Tgt Ion: 93 Resp: 469403

Ion Ratio Lower Upper

93 100

66 49.1 33.6 50.4

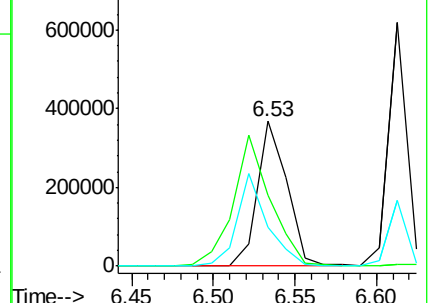
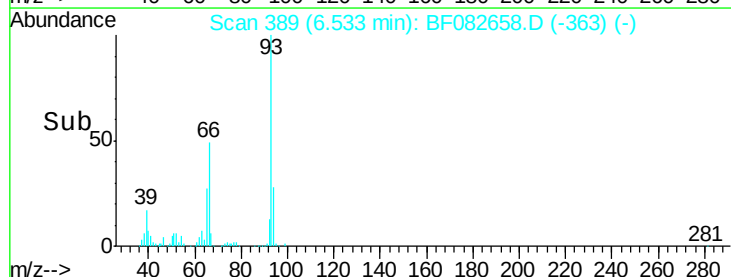
65 26.5 18.1 27.1

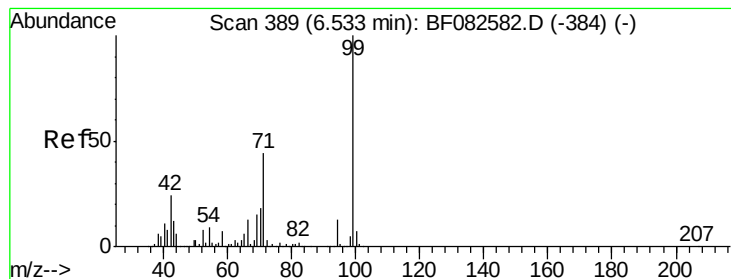


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.65 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

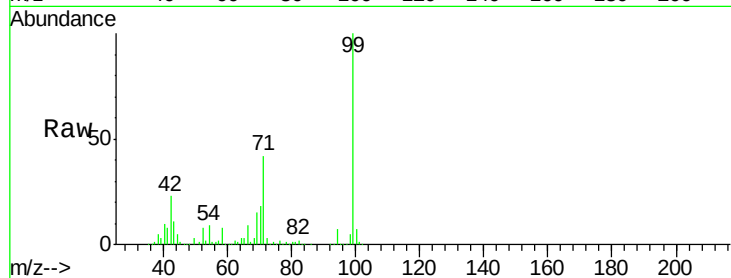
Tgt Ion: 99 Resp: 1684376

Ion Ratio Lower Upper

99 100

42 22.5 19.2 28.8

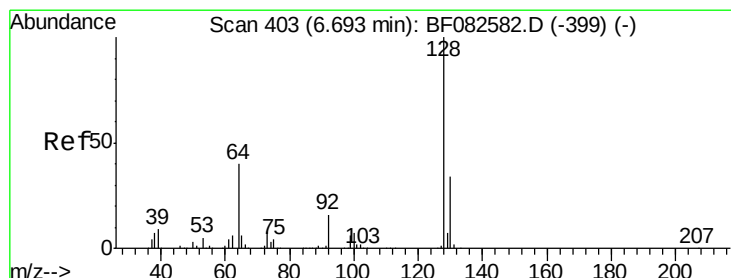
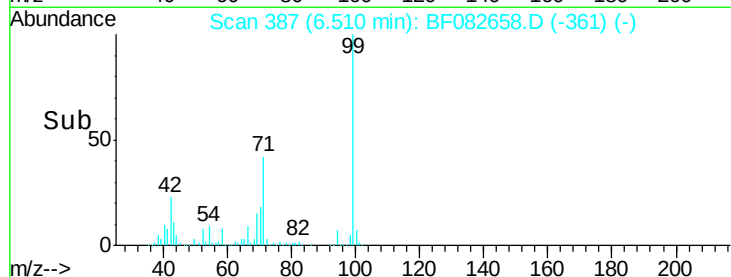
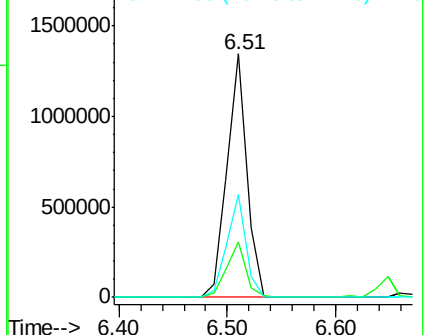
71 42.4 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.88 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

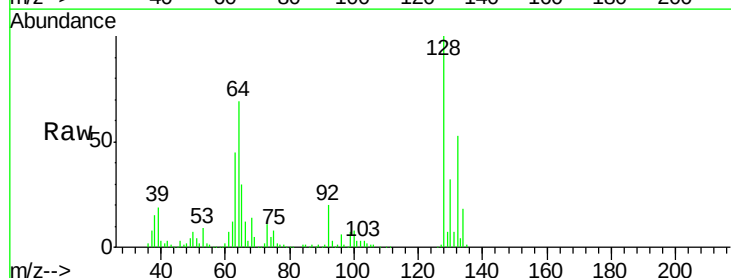
Tgt Ion: 128 Resp: 457260

Ion Ratio Lower Upper

128 100

130 32.4 13.5 53.5

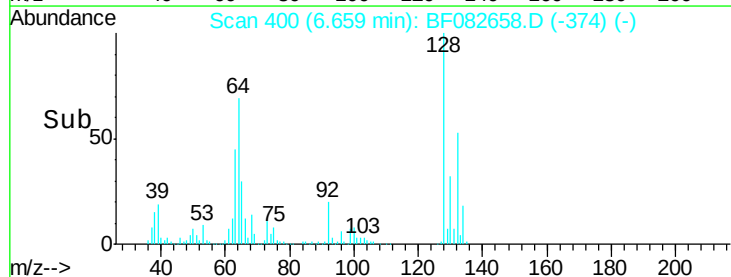
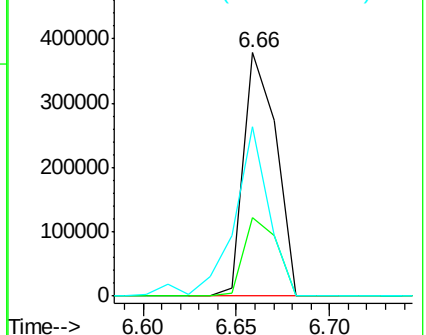
64 69.3 21.1 61.1#

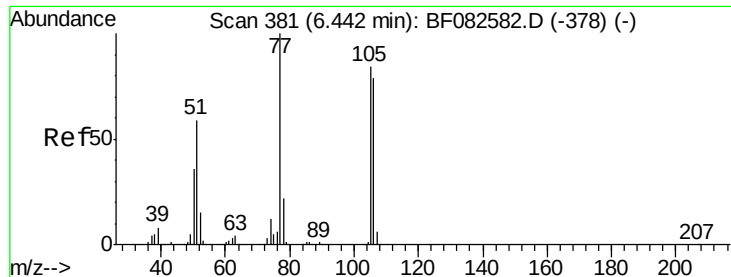


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.14 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

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Acq: 3 Nov 2015 13:59

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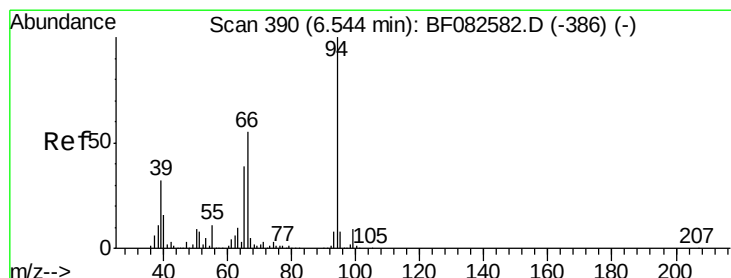
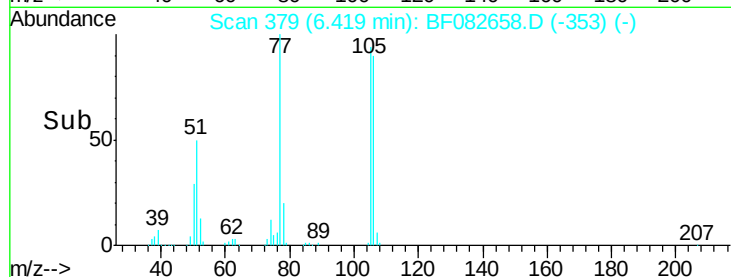
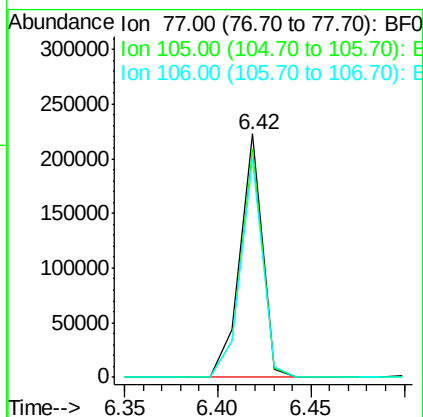
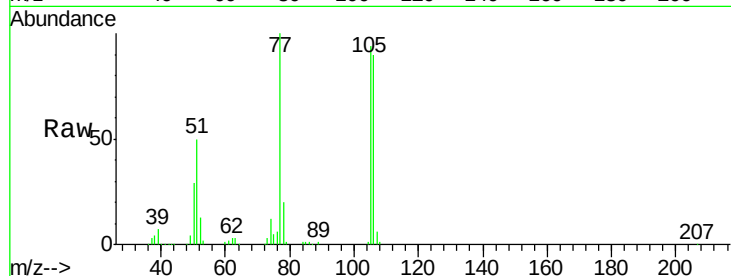
Tgt Ion: 77 Resp: 188552

Ion Ratio Lower Upper

77 100

105 93.6 63.5 103.5

106 89.7 59.3 99.3



#10

Phenol

Concen: 32.87 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

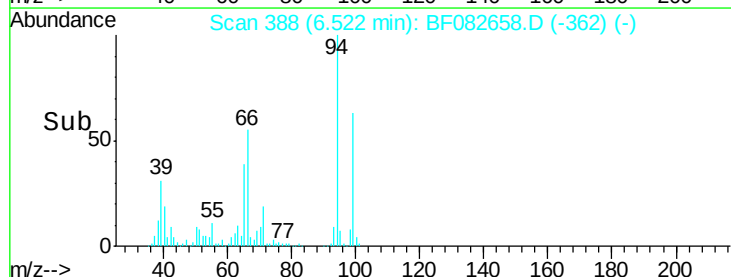
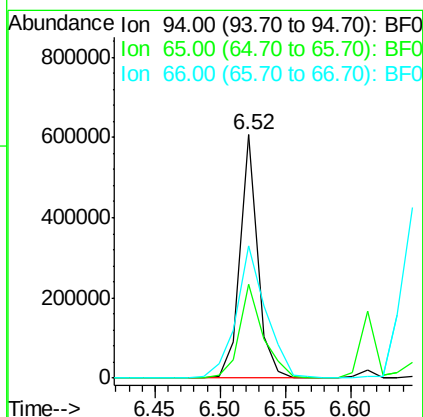
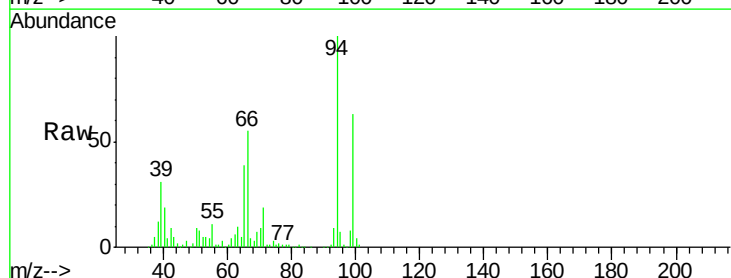
Tgt Ion: 94 Resp: 566918

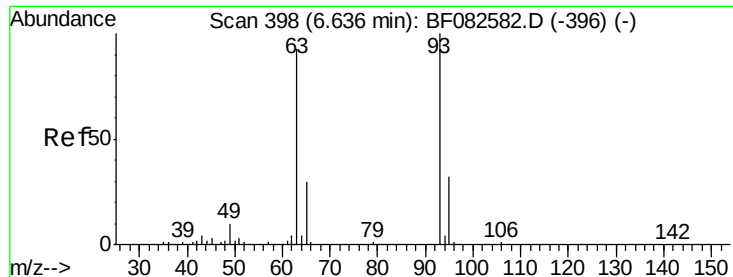
Ion Ratio Lower Upper

94 100

65 38.6 18.9 58.9

66 54.6 34.9 74.9

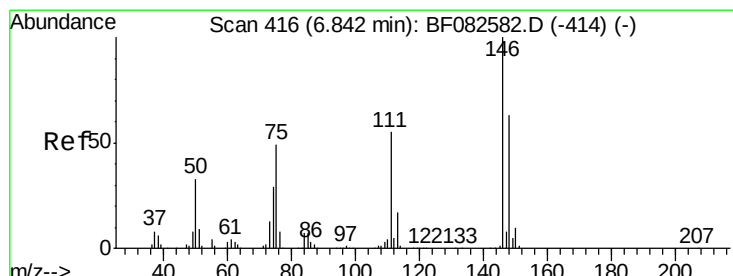
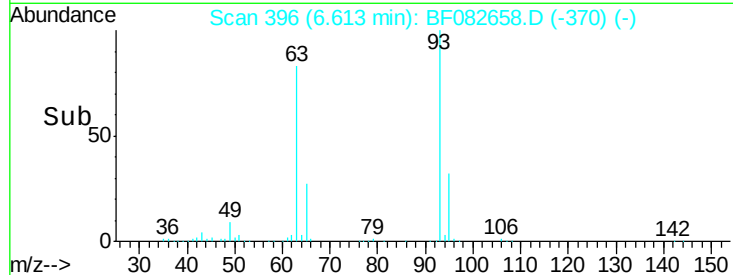
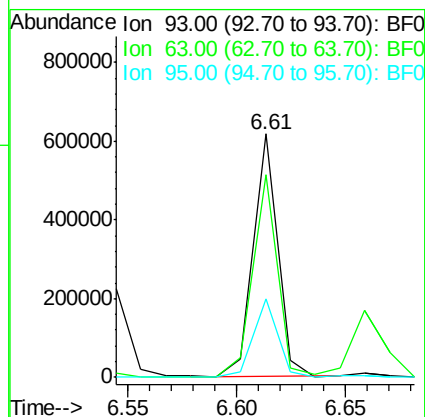
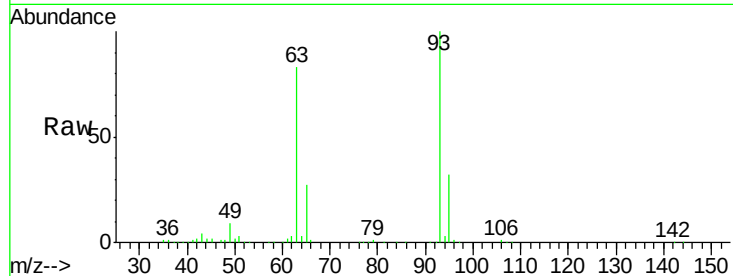




#11
bis(2-Chloroethyl)ether
Concen: 37.64 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

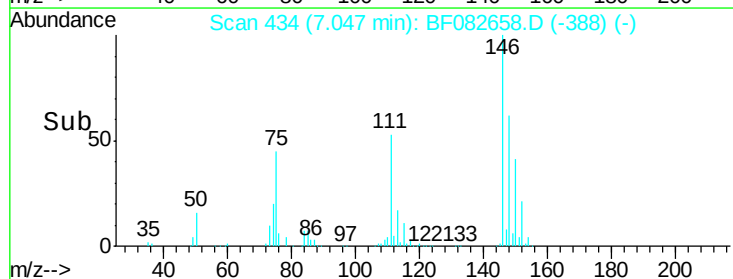
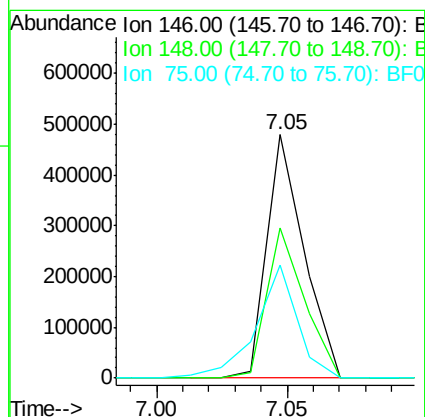
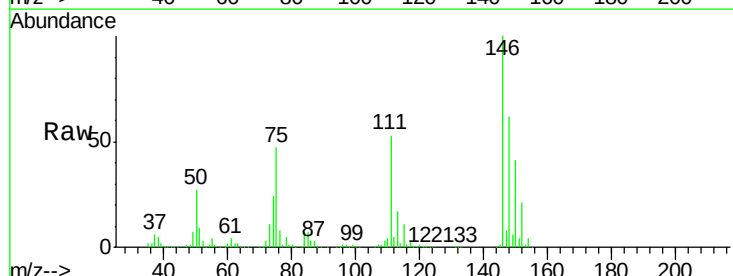
Instrument :
BNA_F
ClientSampleId :
PB86403BS

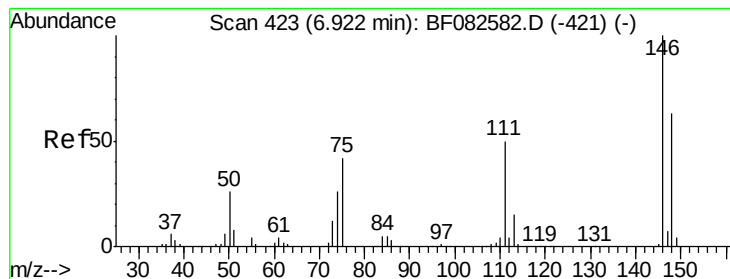
Tgt Ion: 93 Resp: 478901
Ion Ratio Lower Upper
93 100
63 83.1 72.7 112.7
95 32.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 33.64 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.23 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion: 146 Resp: 475587
Ion Ratio Lower Upper
146 100
148 61.8 50.5 75.7
75 46.6 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 39.18 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

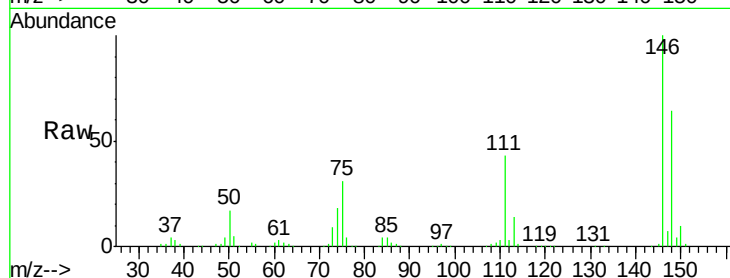
Tgt Ion:146 Resp: 549257

Ion Ratio Lower Upper

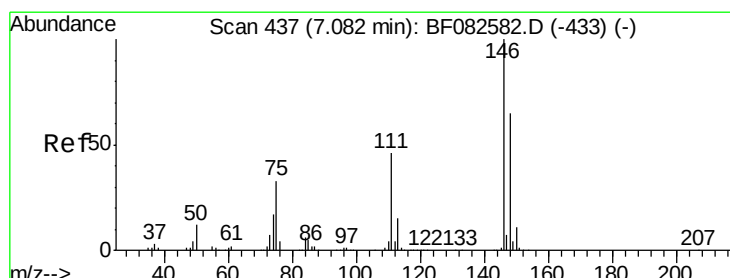
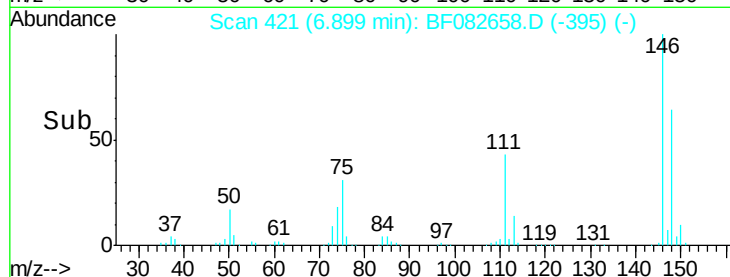
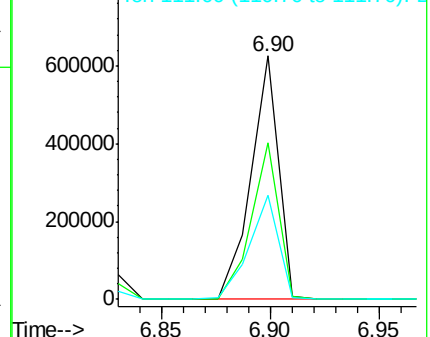
146 100

148 64.1 50.8 76.2

111 43.0 40.6 60.8



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



#14

1,2-Dichlorobenzene

Concen: 36.54 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

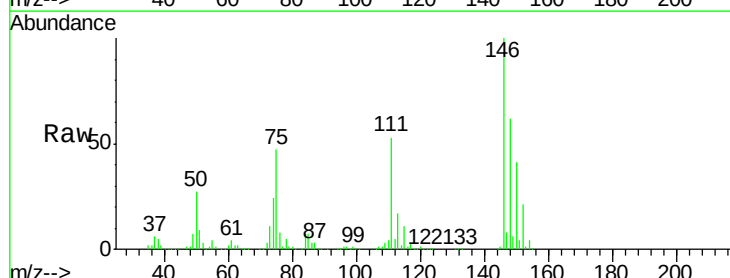
Tgt Ion:146 Resp: 475528

Ion Ratio Lower Upper

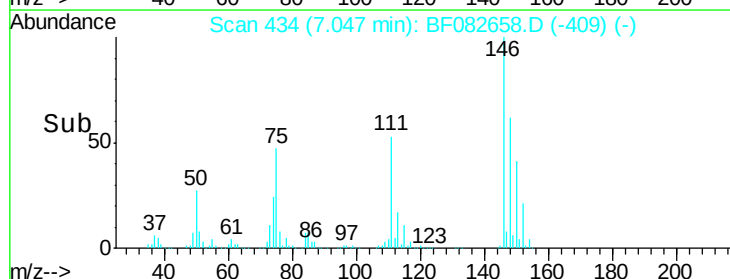
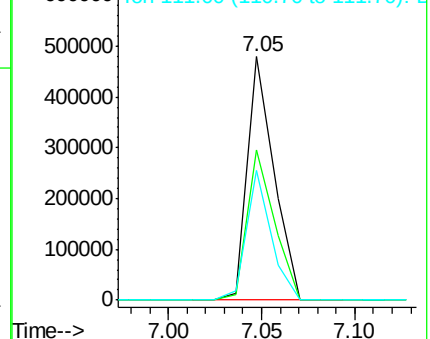
146 100

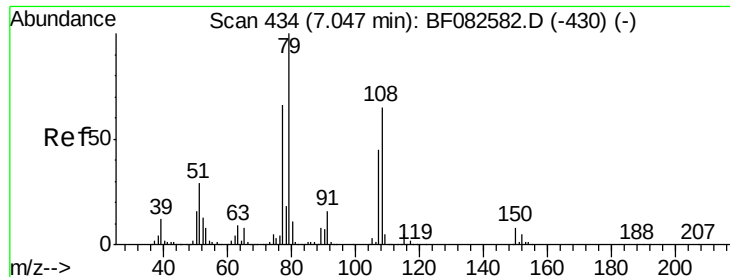
148 61.8 52.2 78.4

111 53.4 36.6 55.0



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

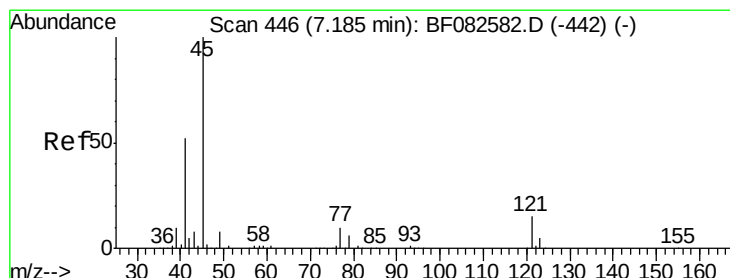
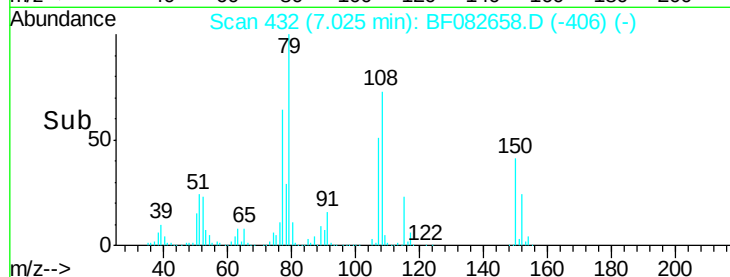
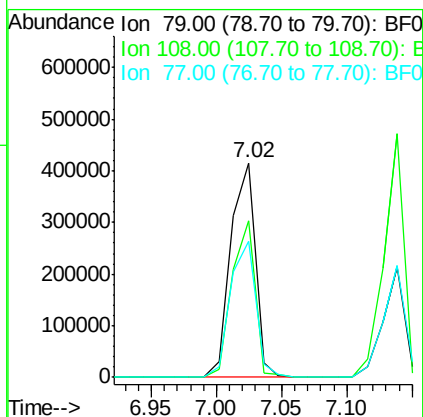
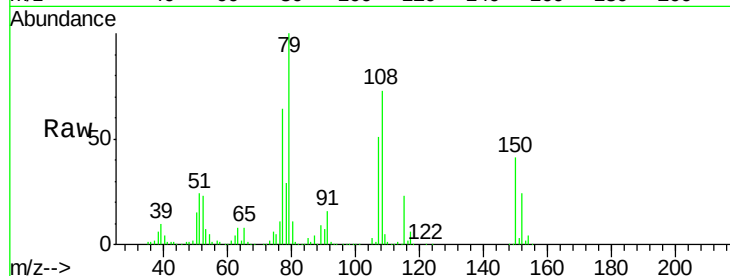




#15
Benzyl Alcohol
Concen: 38.45 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

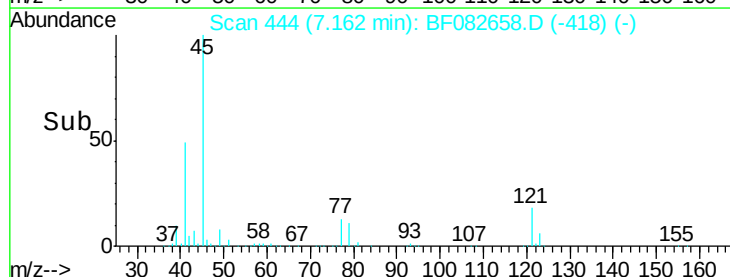
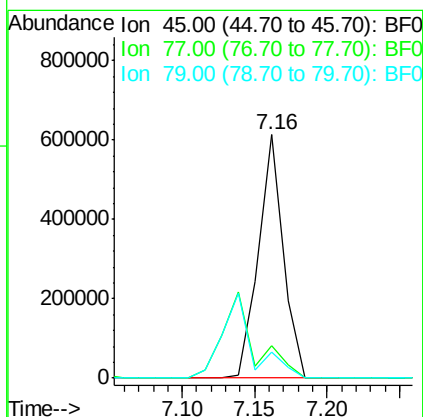
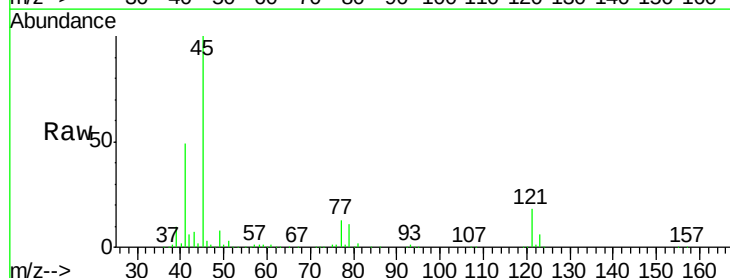
Instrument :
BNA_F
ClientSampleId :
PB86403BS

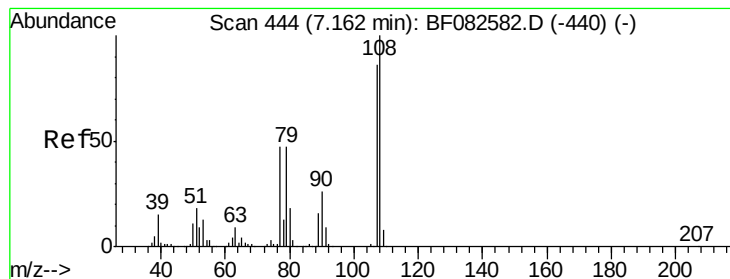
Tgt Ion: 79 Resp: 545763
Ion Ratio Lower Upper
79 100
108 72.9 52.2 78.4
77 63.7 52.7 79.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.09 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion: 45 Resp: 729856
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.6
79 10.7 0.0 29.2





#17

2-Methylphenol

Concen: 41.80 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tgt Ion:107 Resp: 440567

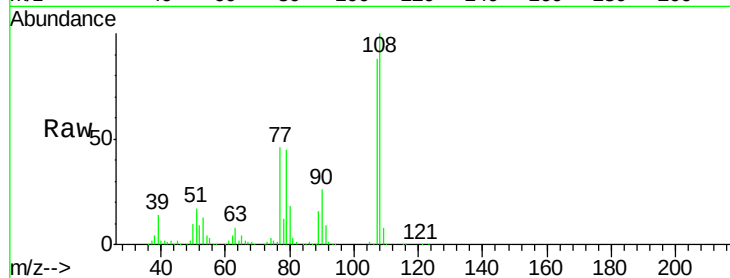
Ion Ratio Lower Upper

107 100

108 113.1 93.0 139.4

77 52.0 44.1 66.1

79 51.1 43.6 65.4

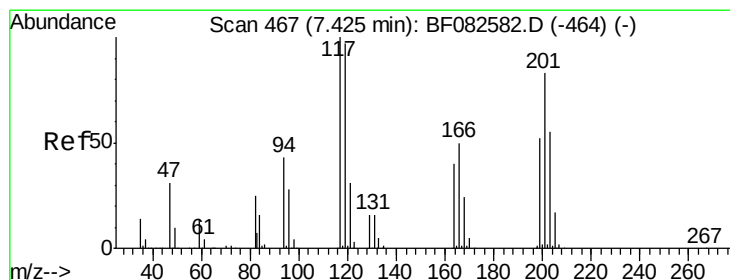
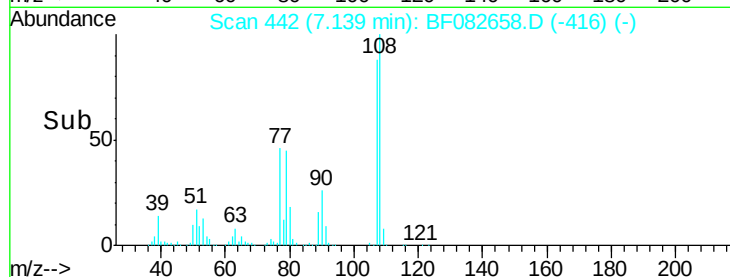
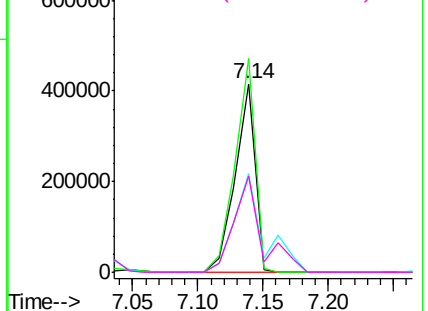


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.04 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

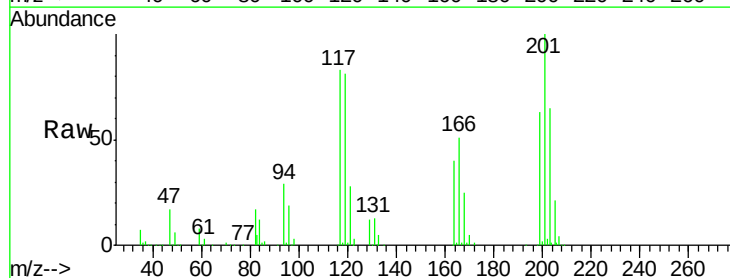
Tgt Ion:117 Resp: 197203

Ion Ratio Lower Upper

117 100

119 97.8 77.7 116.5

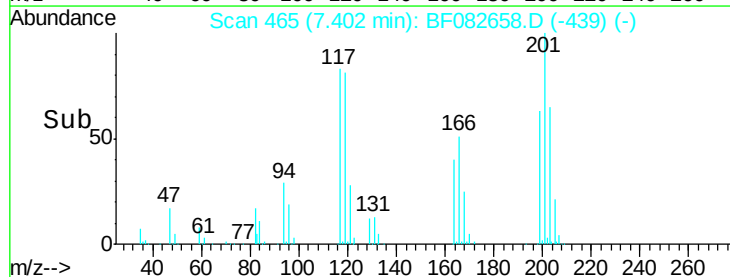
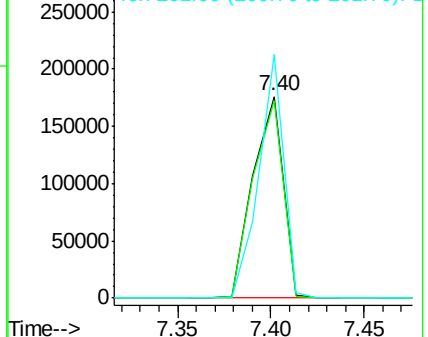
201 120.6 66.7 100.1#

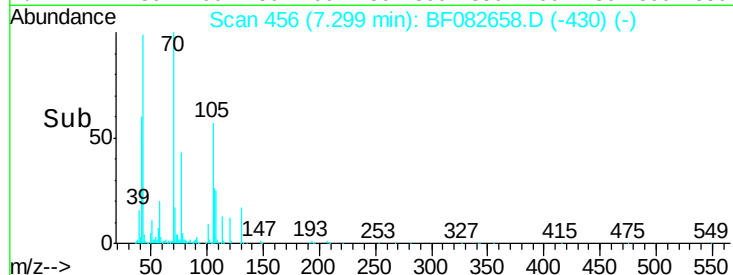
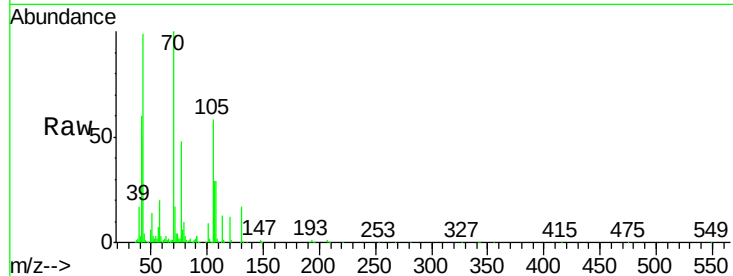
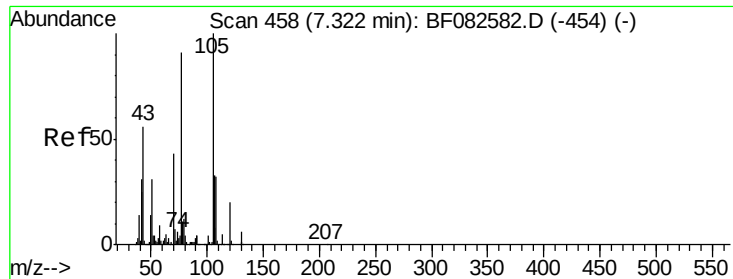


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

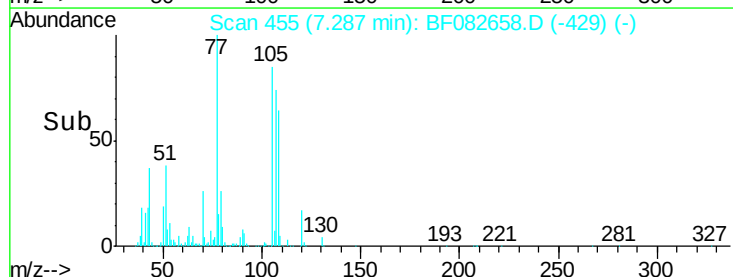
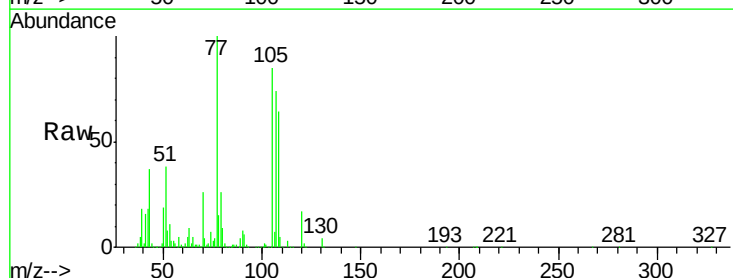
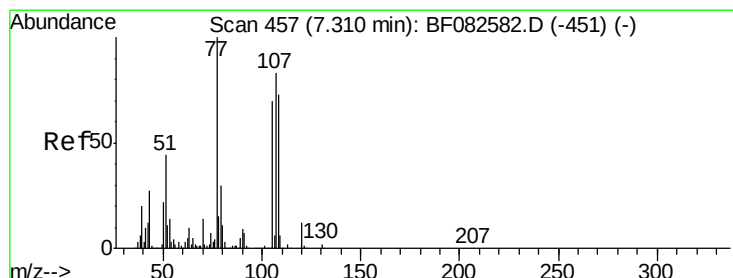
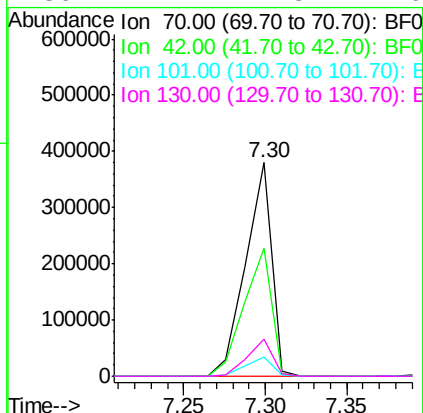




#19
n-Nitroso-di-n-propylamine
Concen: 36.31 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

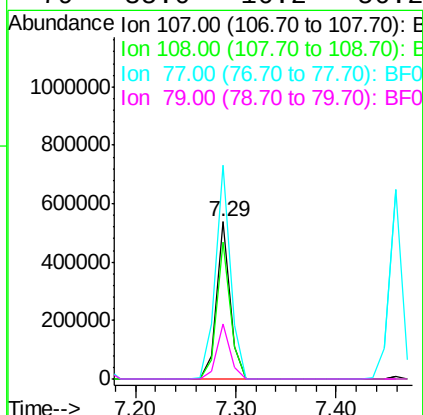
Instrument :
BNA_F
ClientSampleId :
PB86403BS

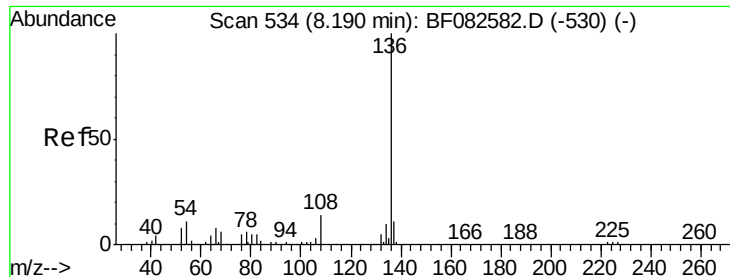
Tgt Ion: 70 Resp: 418993
Ion Ratio Lower Upper
70 100
42 60.2 57.7 86.5
101 8.8 7.0 10.6
130 17.4 11.8 17.6



#20
3+4-Methylphenols
Concen: 36.74 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion: 107 Resp: 503353
Ion Ratio Lower Upper
107 100
108 86.8 67.3 107.3
77 135.8 100.3 140.3
79 35.0 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tgt Ion:136 Resp: 688416

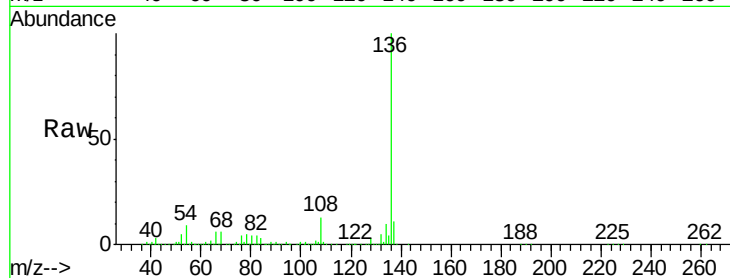
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.8 9.1 13.7#

68 5.6 4.8 7.2

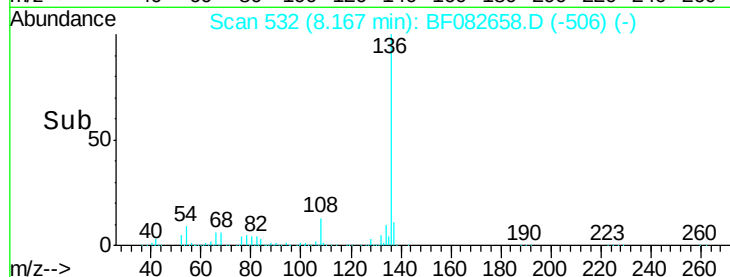


Abundance Ion 136.00 (135.70 to 136.70): E

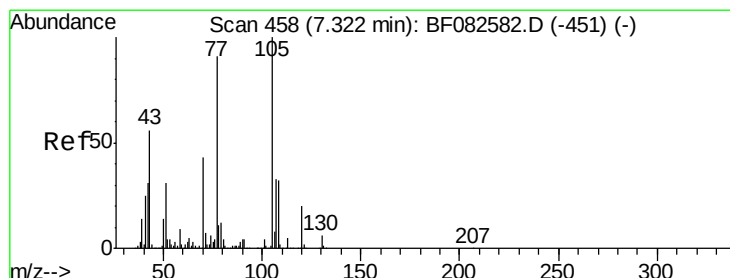
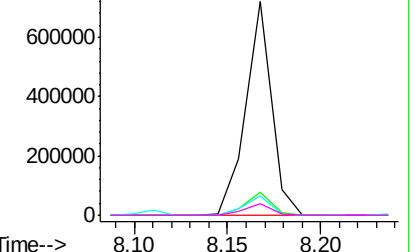
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.22 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:105 Resp: 693596

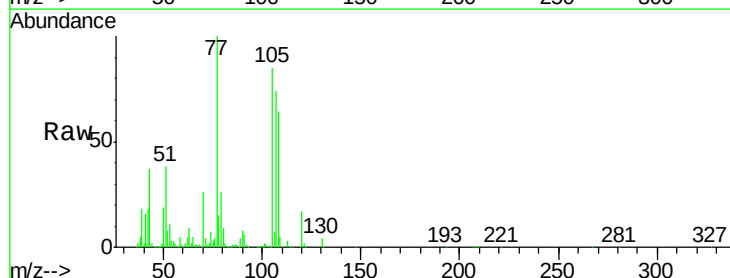
Ion Ratio Lower Upper

105 100

71 5.1 5.6 8.4#

51 45.4 24.9 37.3#

120 19.9 15.8 23.8

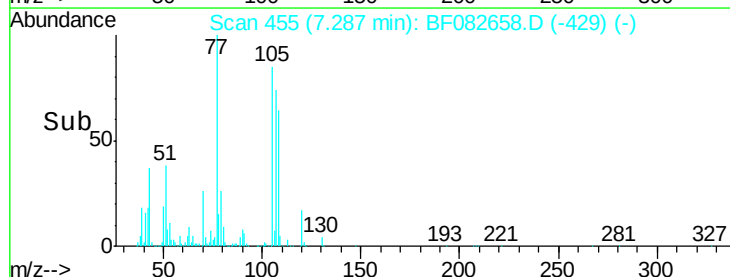


Abundance Ion 105.00 (104.70 to 105.70): E

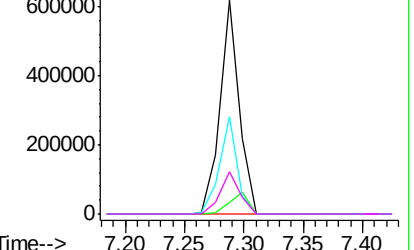
Ion 71.00 (70.70 to 71.70): BF0

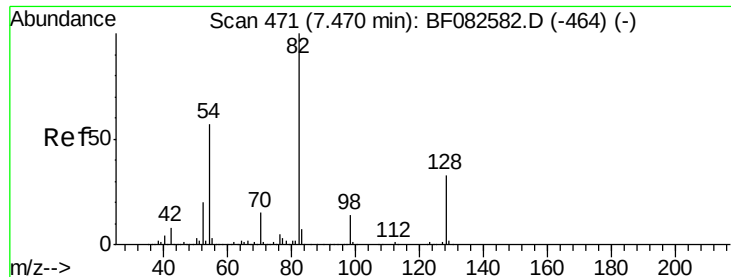
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 76.28 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

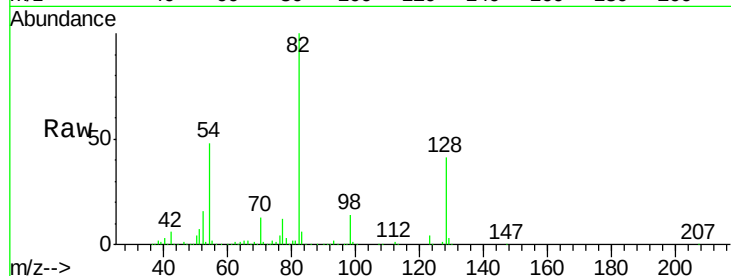
Tgt Ion: 82 Resp: 1286023

Ion Ratio Lower Upper

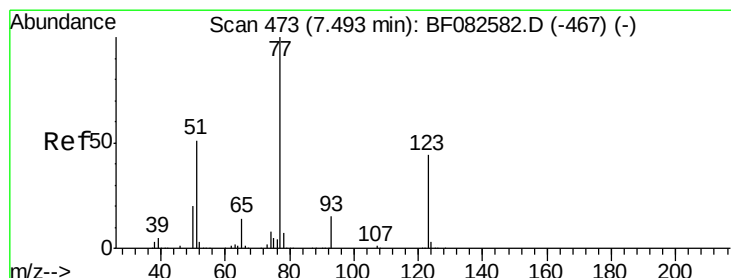
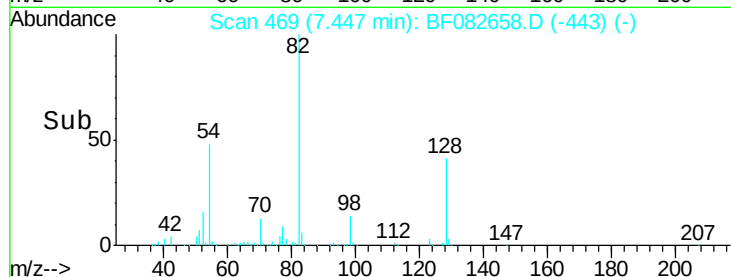
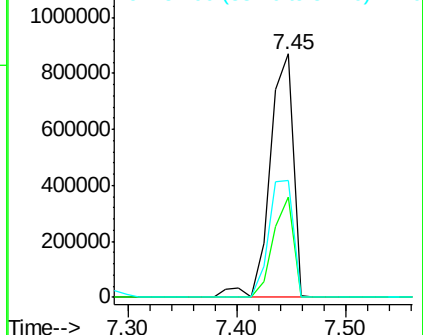
82 100

128 41.4 26.8 40.2#

54 48.1 45.7 68.5



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



#24

Nitrobenzene

Concen: 33.31 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

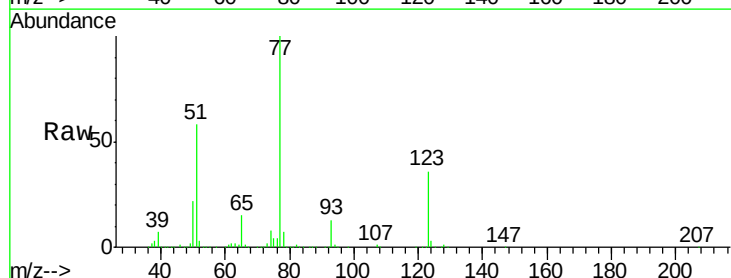
Tgt Ion: 77 Resp: 567534

Ion Ratio Lower Upper

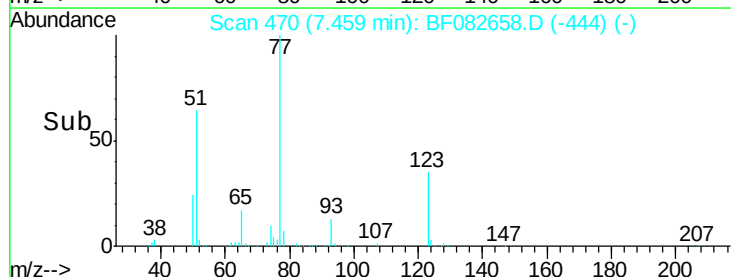
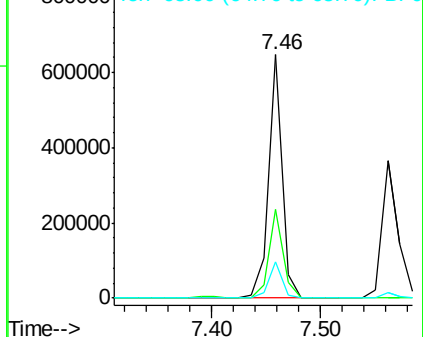
77 100

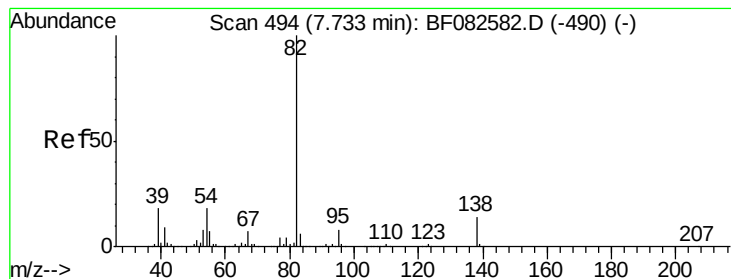
123 36.4 36.4 54.6

65 15.1 11.5 17.3



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





#25

Isophorone

Concen: 34.84 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

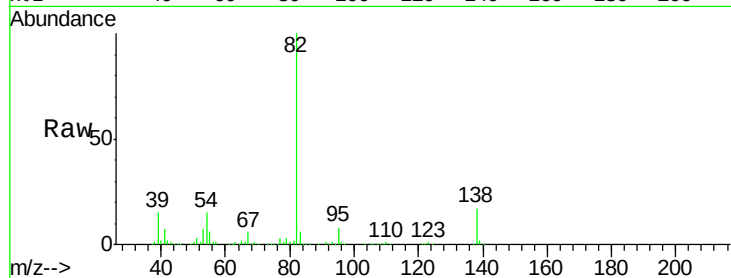
Tgt Ion: 82 Resp: 1080649

Ion Ratio Lower Upper

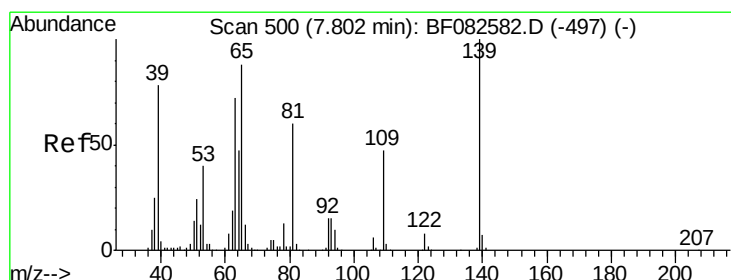
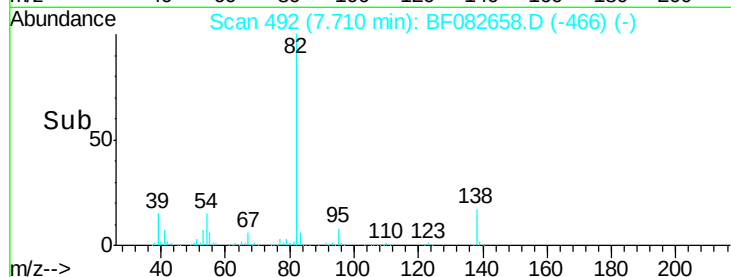
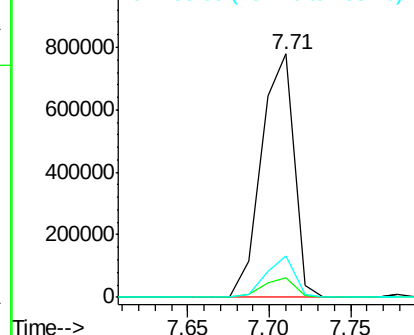
82 100

95 8.0 6.6 9.8

138 17.1 11.4 17.0#



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



#26

2-Nitrophenol

Concen: 38.12 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

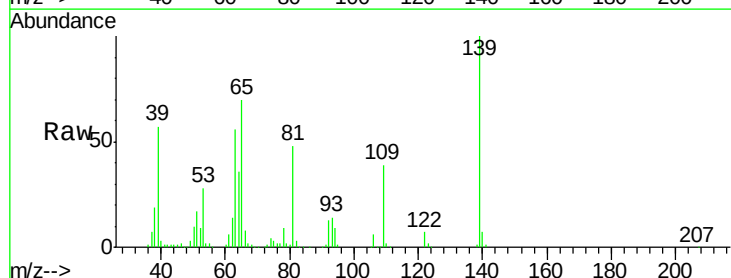
Tgt Ion: 139 Resp: 237302

Ion Ratio Lower Upper

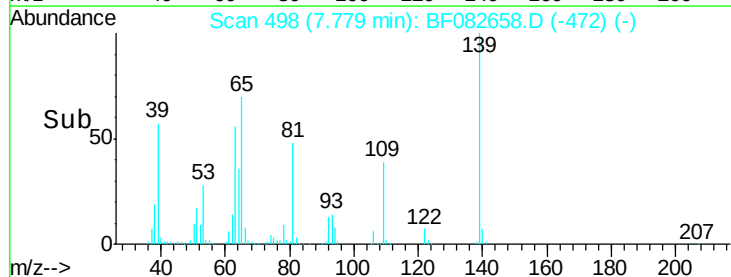
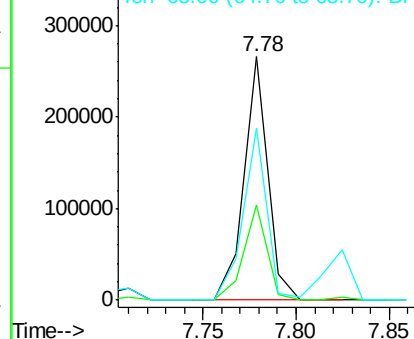
139 100

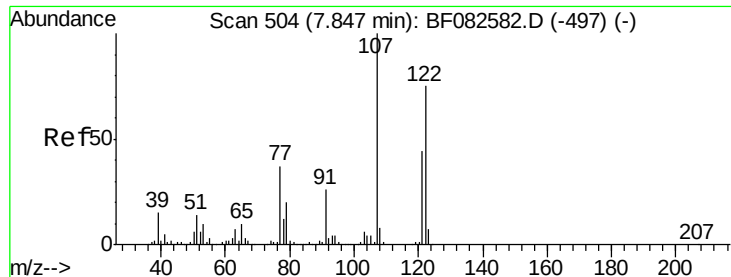
109 39.1 37.6 56.4

65 70.4 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 40.95 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

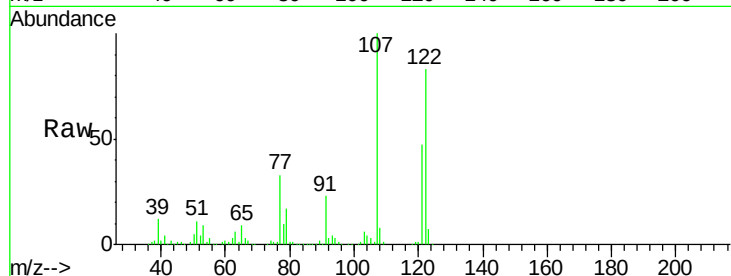
Tgt Ion:122 Resp: 497583

Ion Ratio Lower Upper

122 100

107 120.9 106.0 159.0

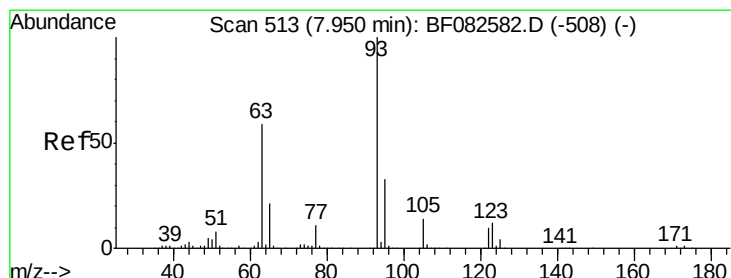
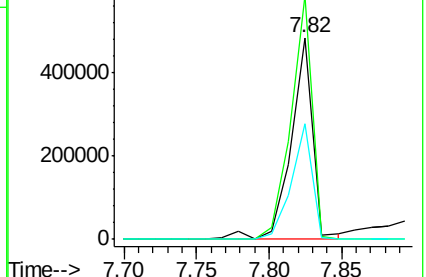
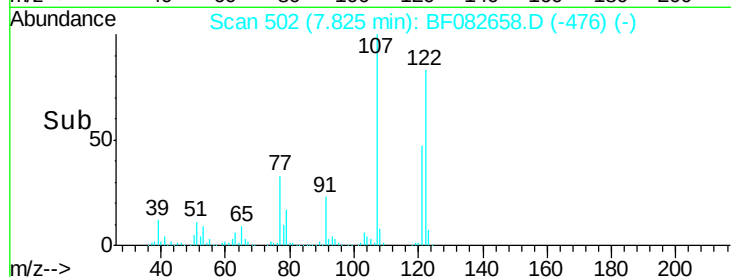
121 57.4 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.78 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

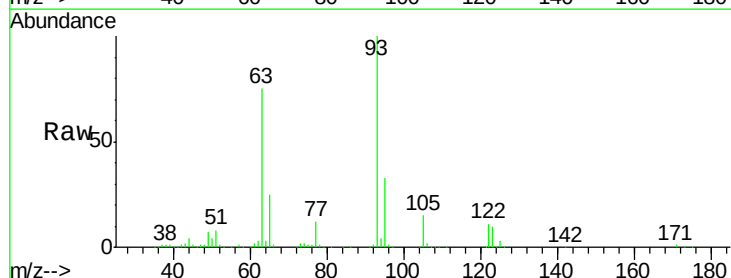
Tgt Ion: 93 Resp: 590036

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

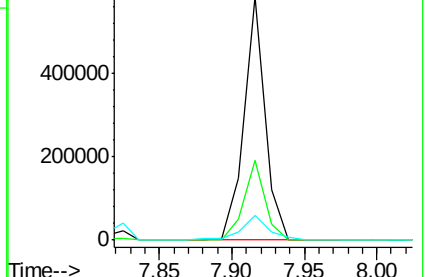
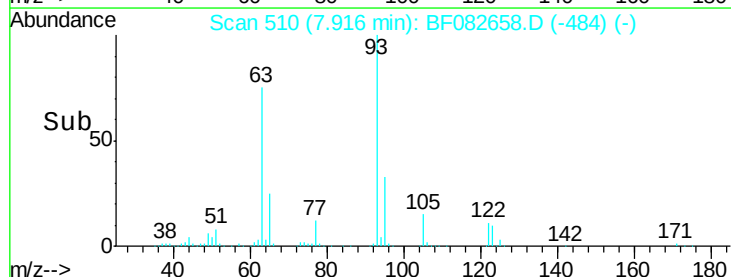
123 10.1 9.7 14.5

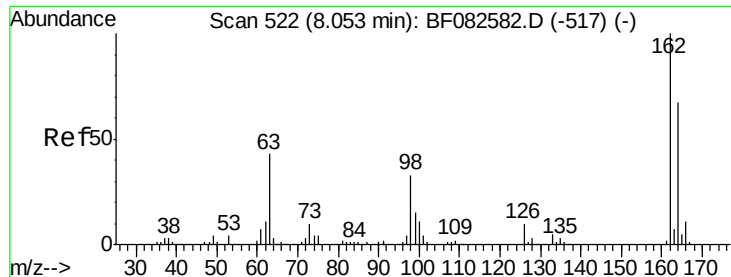


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

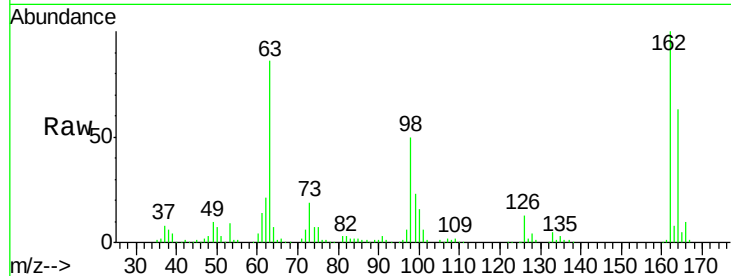




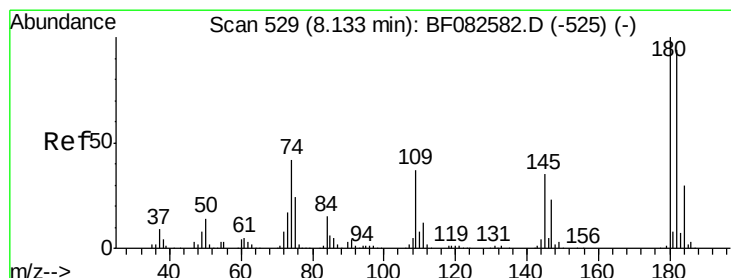
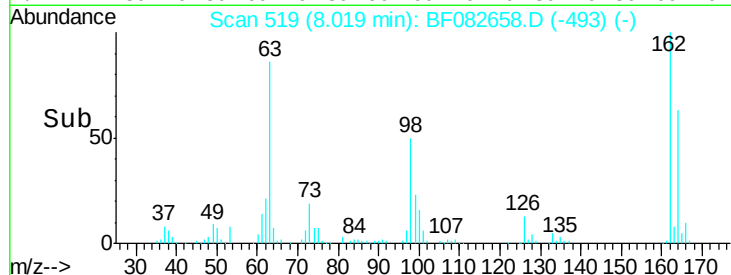
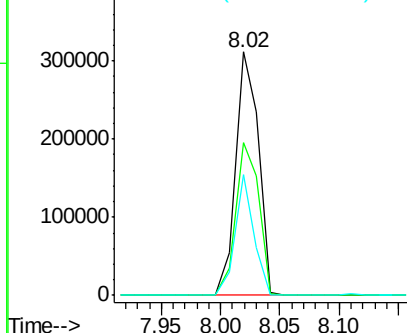
#29
 2,4-Dichlorophenol
 Concen: 37.53 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tgt Ion:162 Resp: 415716
 Ion Ratio Lower Upper
 162 100
 164 62.6 46.8 86.8
 98 49.8 12.5 52.5

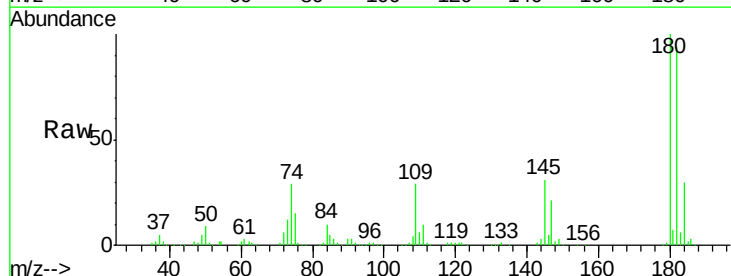


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

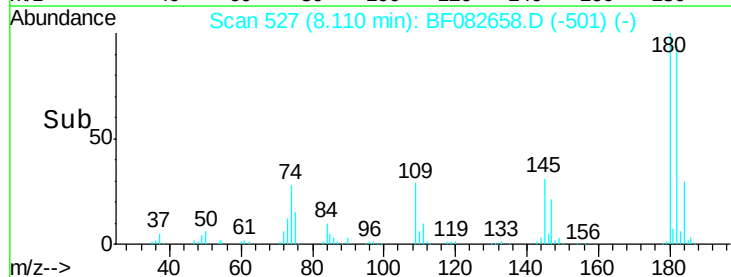
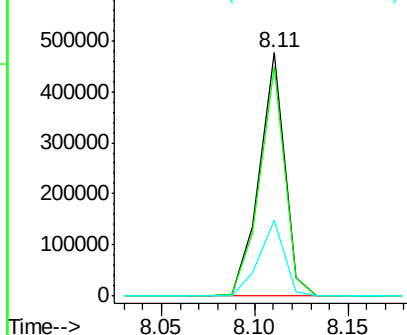


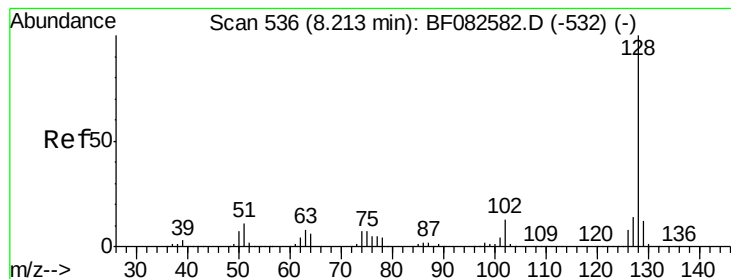
#30
 1,2,4-Trichlorobenzene
 Concen: 36.36 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:180 Resp: 446955
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.9 112.3
 145 31.1 27.8 41.8



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





#31

Naphthalene

Concen: 36.78 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

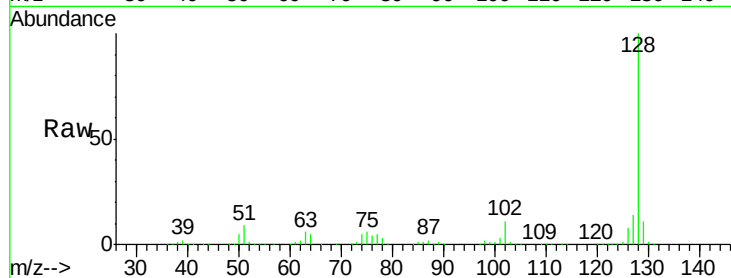
Tgt Ion:128 Resp: 1370129

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

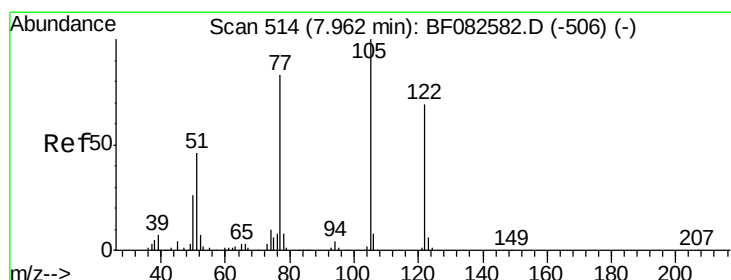
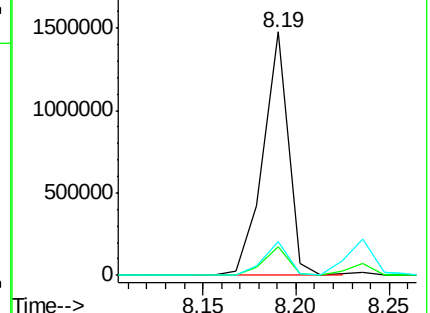
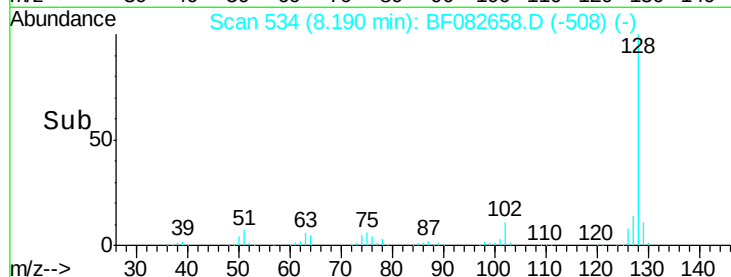
127 13.9 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.78 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

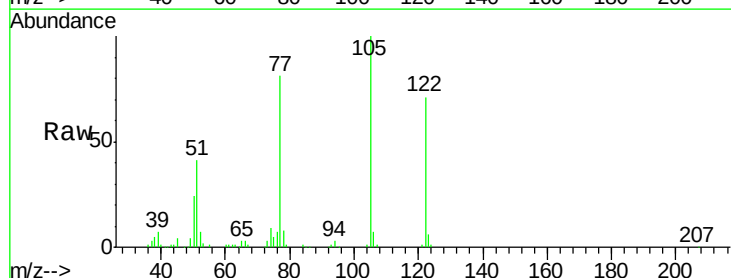
Tgt Ion:122 Resp: 297787

Ion Ratio Lower Upper

122 100

105 140.1 122.6 162.6

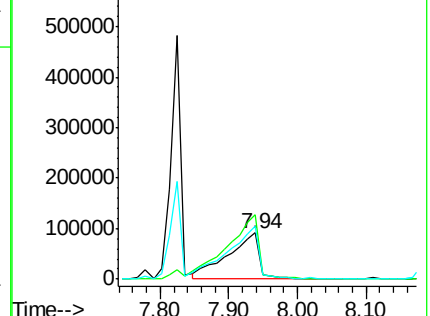
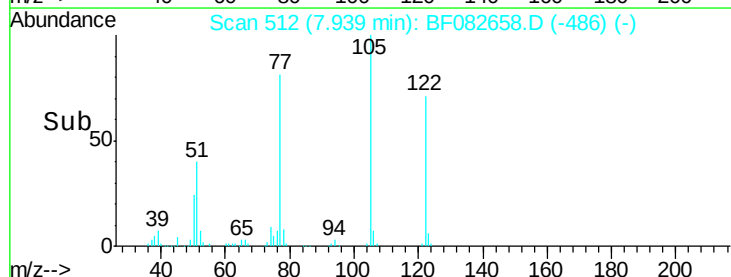
77 114.1 100.9 140.9

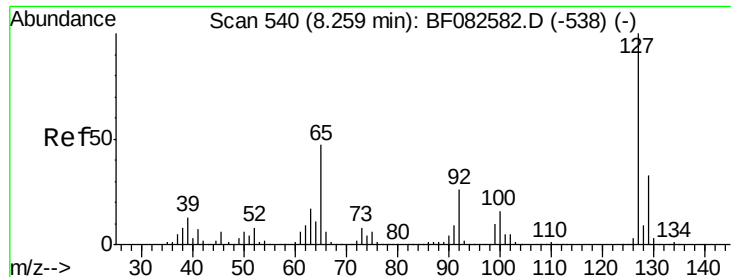


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

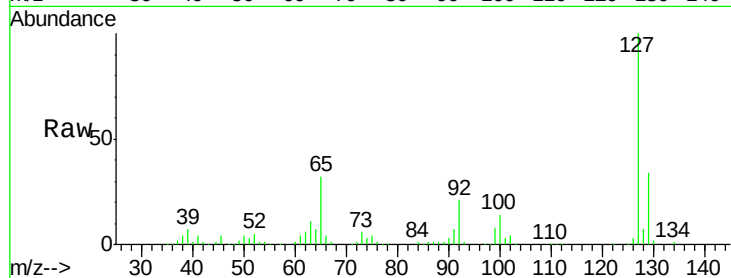




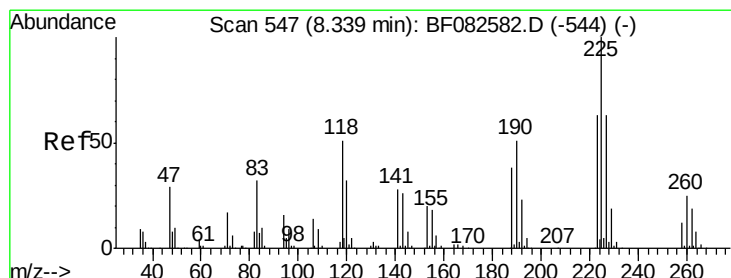
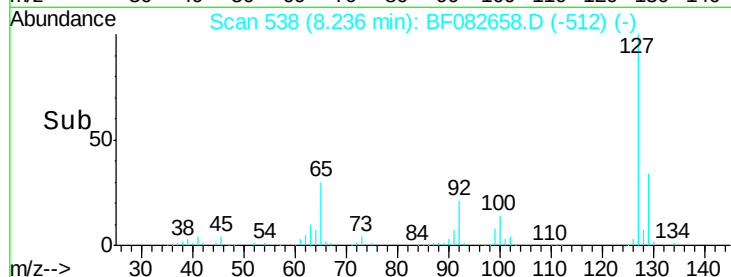
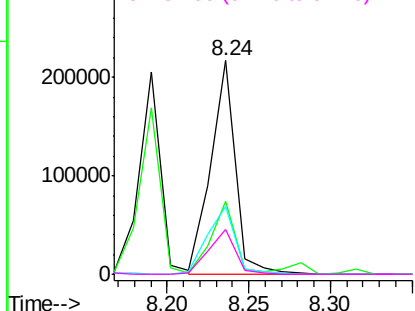
#33
4-Chloroaniline
Concen: 14.34 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tgt Ion:	127	Resp:	228025
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.3	39.5
65	31.9	37.8	56.8#
92	20.7	20.6	31.0

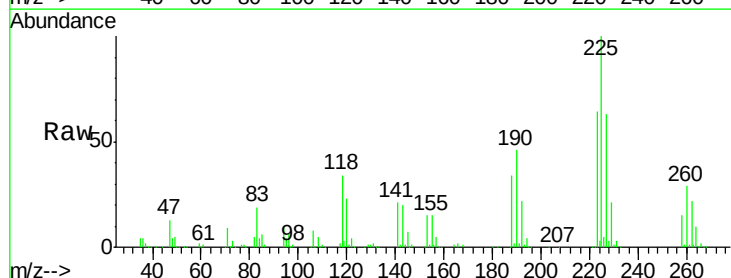


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

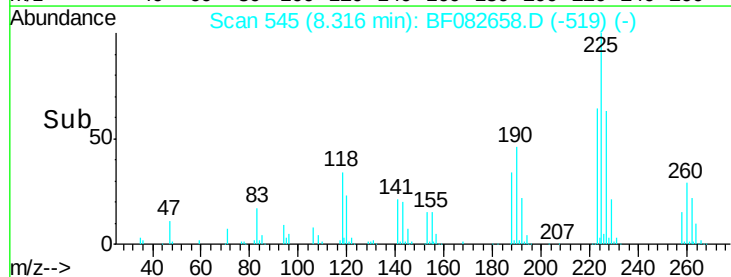
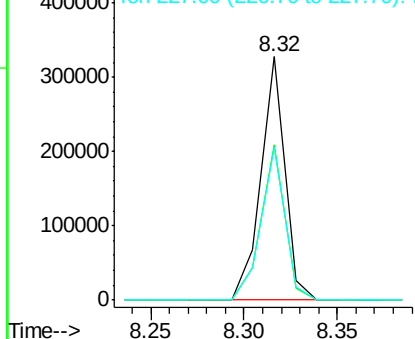


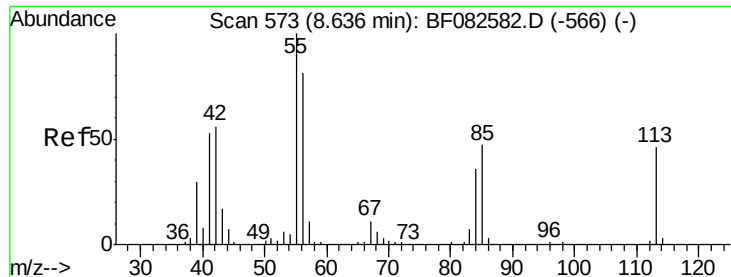
#34
Hexachlorobutadiene
Concen: 37.12 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion:	225	Resp:	290145
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.5	75.7
227	62.9	50.2	75.2



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

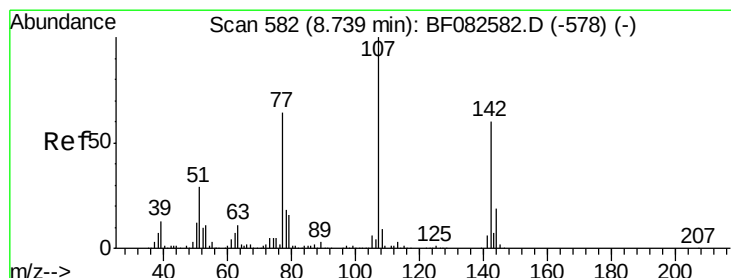
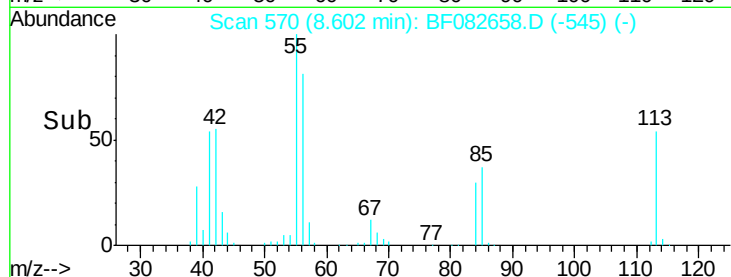
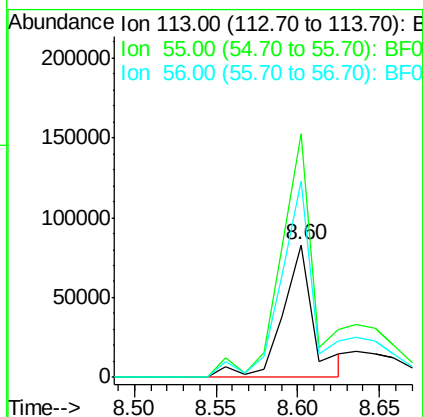
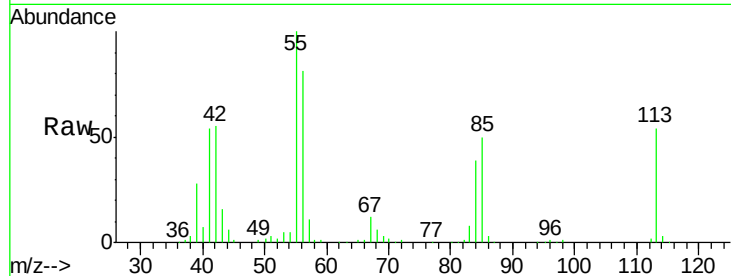




#35
 Caprolactam
 Concen: 32.17 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

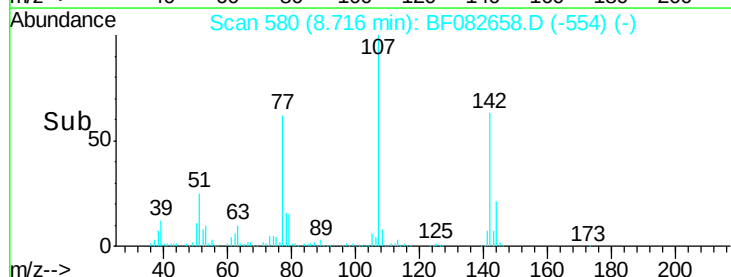
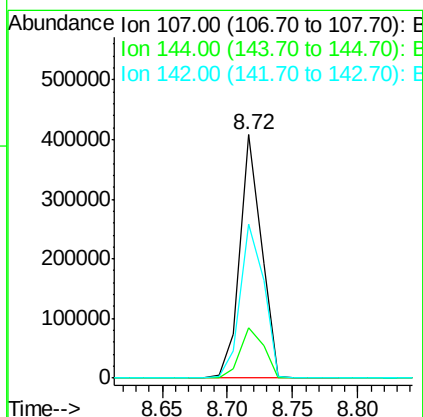
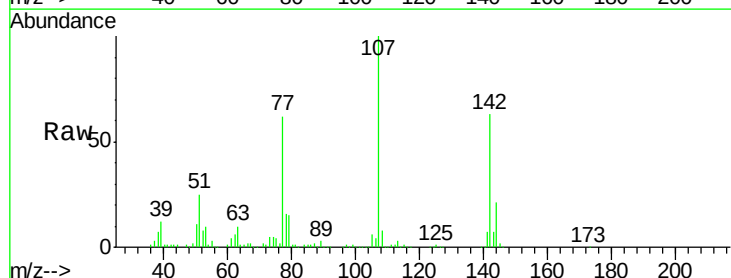
Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

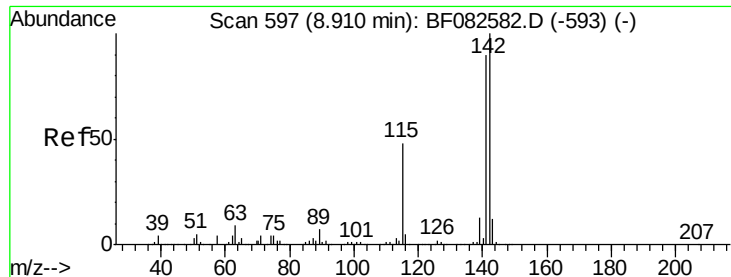
Tgt Ion:113 Resp: 109328
 Ion Ratio Lower Upper
 113 100
 55 184.1 195.5 235.5#
 56 148.6 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 35.96 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:107 Resp: 469060
 Ion Ratio Lower Upper
 107 100
 144 20.5 15.4 23.0
 142 63.2 47.8 71.8





#37

2-Methylnaphthalene

Concen: 38.45 ng

RT: 8.89 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

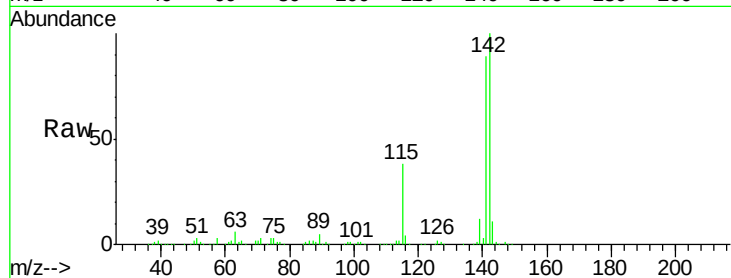
Tgt Ion:142 Resp: 928158

Ion Ratio Lower Upper

142 100

141 88.9 72.3 108.5

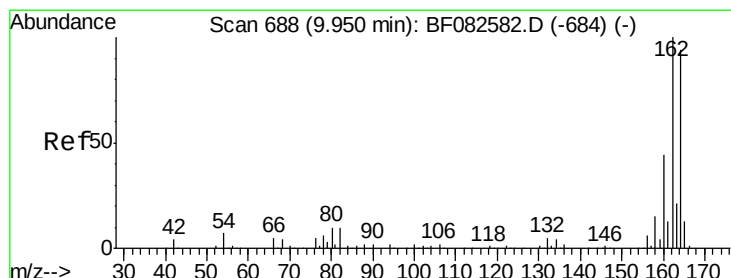
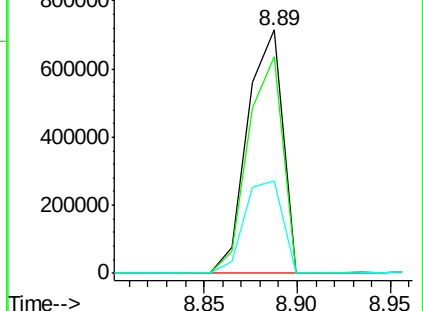
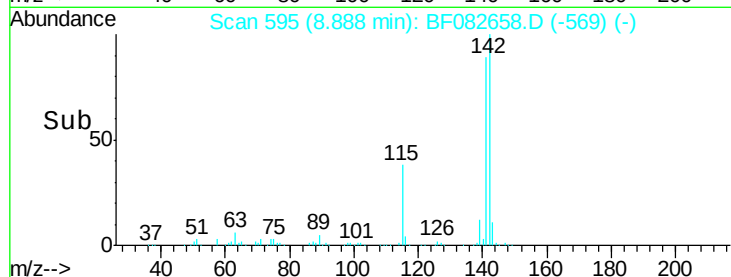
115 38.3 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

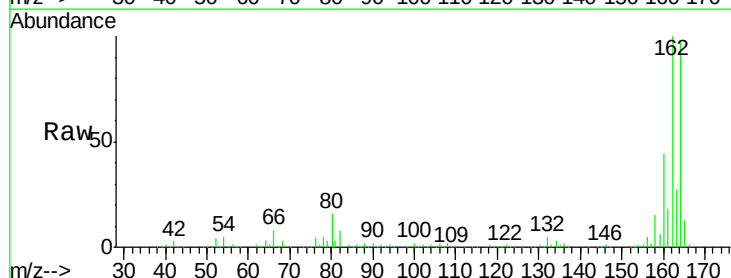
Tgt Ion:164 Resp: 370330

Ion Ratio Lower Upper

164 100

162 103.1 84.9 127.3

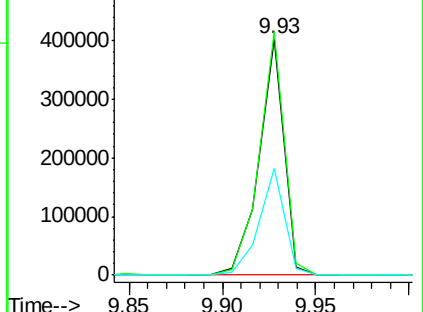
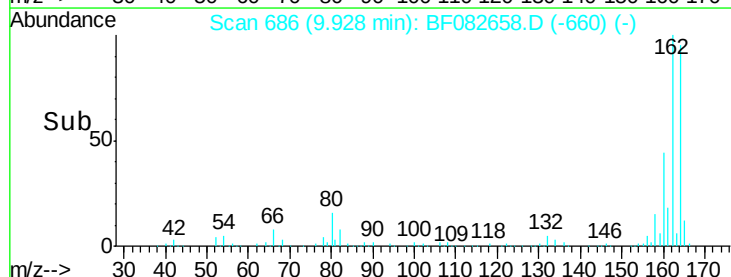
160 45.1 37.5 56.3

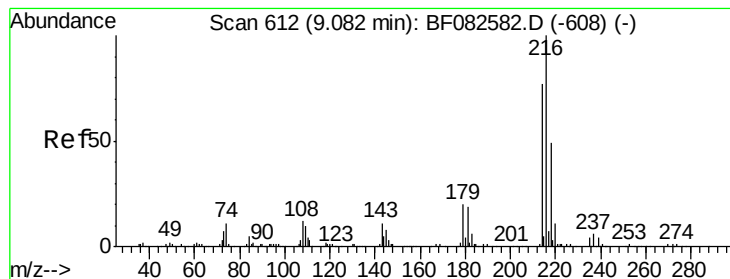


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.77 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tgt Ion:216 Resp: 417253

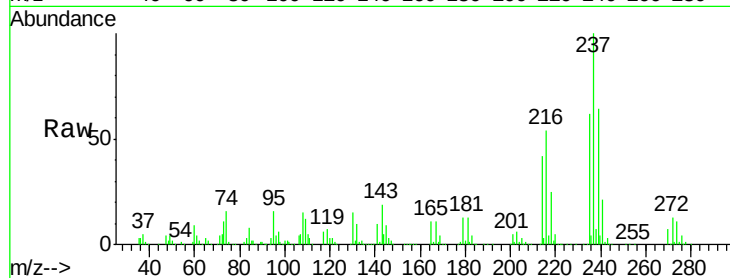
Ion Ratio Lower Upper

216 100

214 78.1 62.2 93.2

179 21.7 18.1 27.1

108 23.1 16.6 25.0

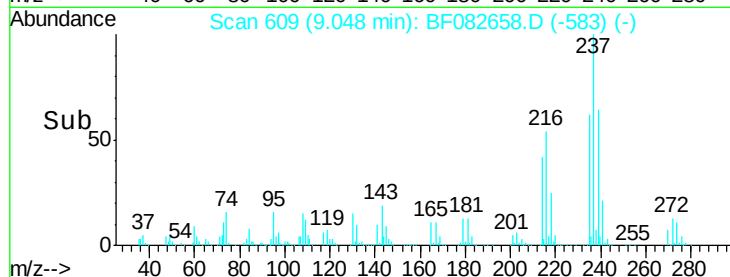


Abundance Ion 216.00 (215.70 to 216.70): E

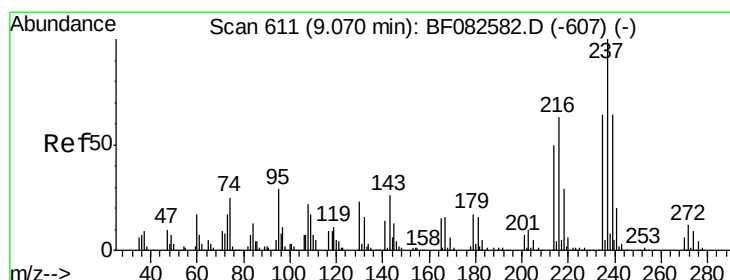
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 78.55 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

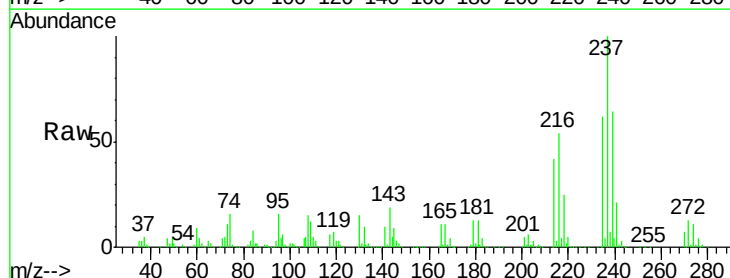
Tgt Ion:237 Resp: 610269

Ion Ratio Lower Upper

237 100

235 62.4 44.3 84.3

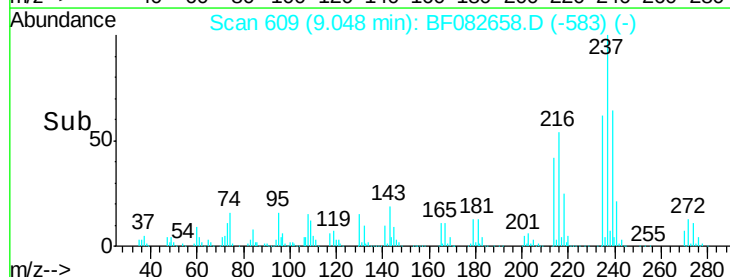
272 13.3 0.0 31.9



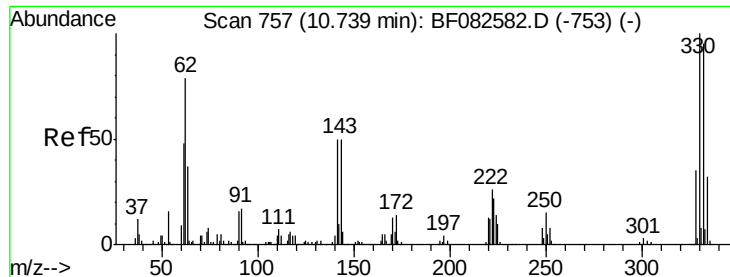
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



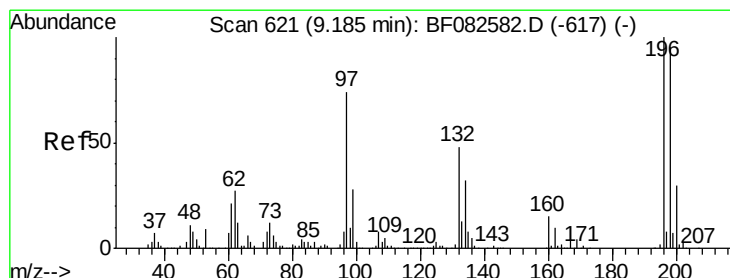
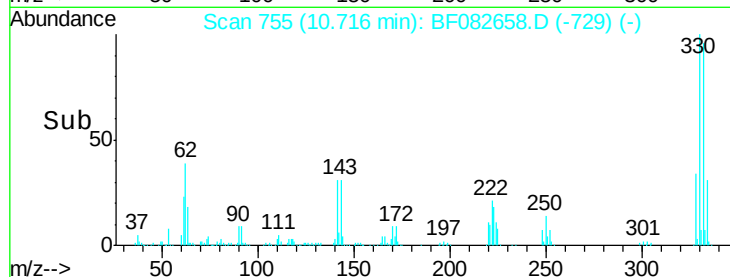
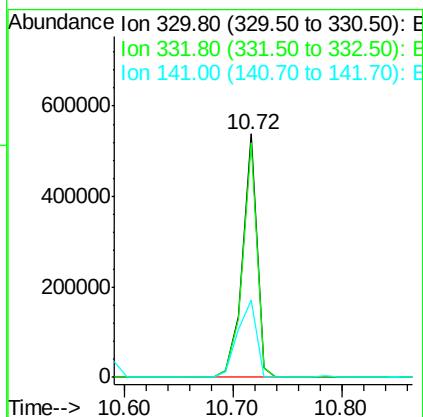
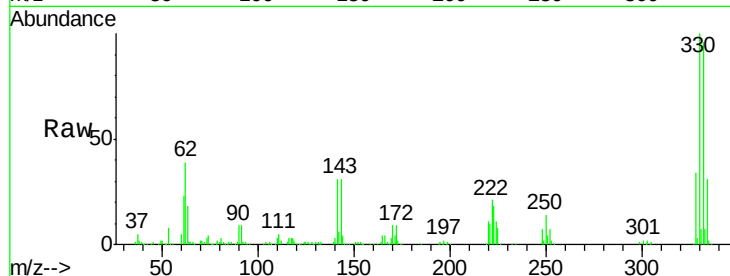
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 120.32 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

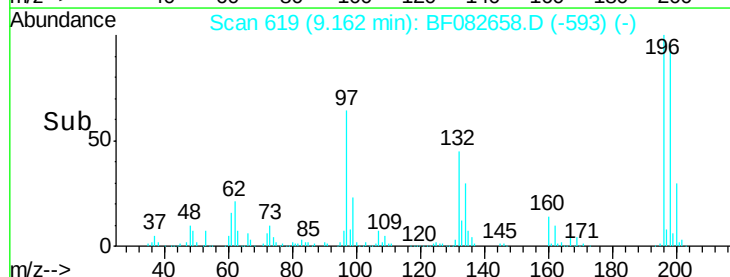
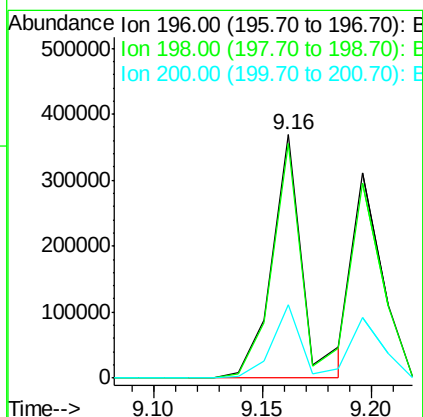
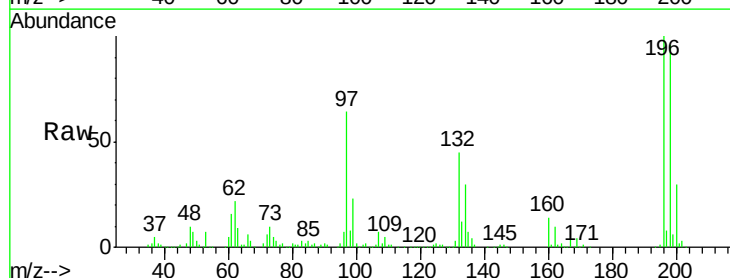
Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

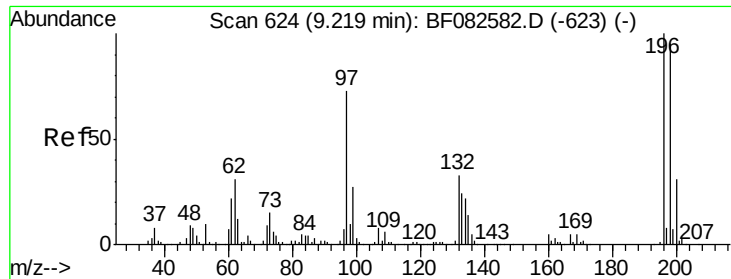
Tgt Ion:330 Resp: 487658
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 41.1 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 41.16 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:196 Resp: 367281
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 200 30.3 23.9 35.9

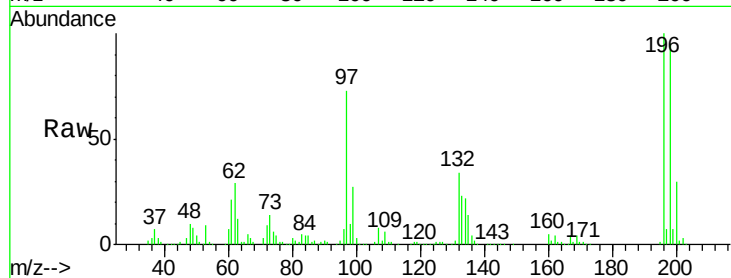




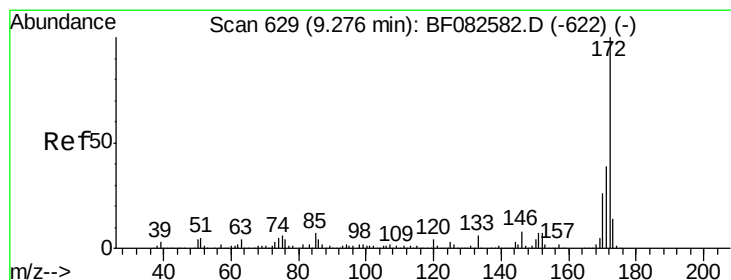
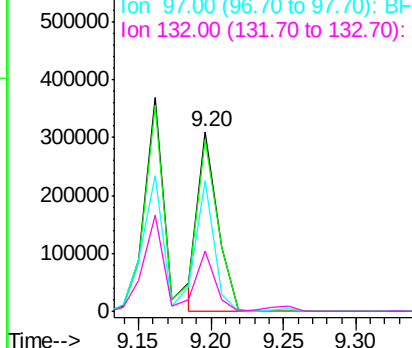
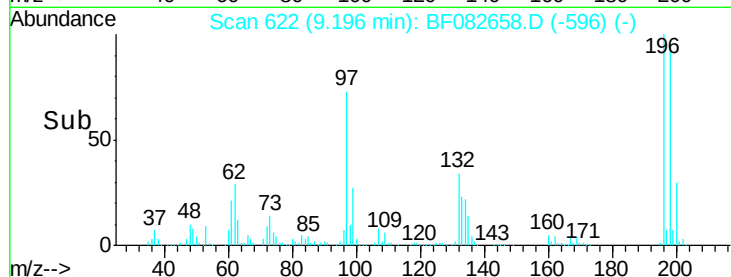
#43
 2,4,5-Trichlorophenol
 Concen: 32.84 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tgt Ion:196 Resp: 291933
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.8 113.8
 97 72.6 62.3 93.5
 132 33.6 27.4 41.2

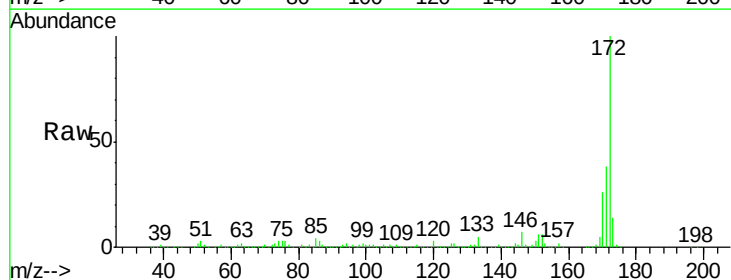


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

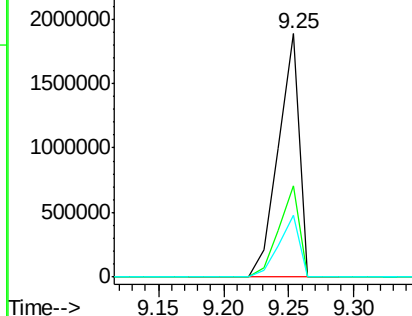
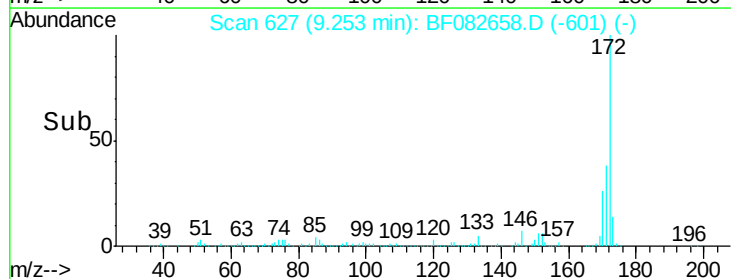


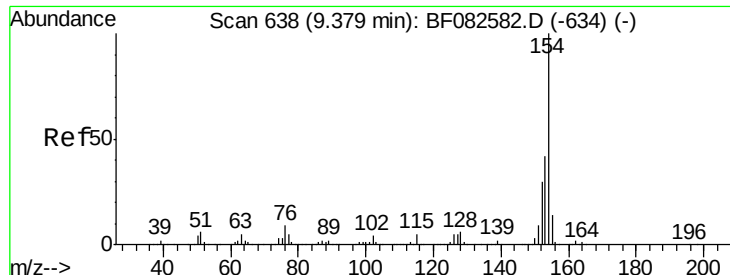
#44
 2-Fluorobiphenyl
 Concen: 81.53 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:172 Resp: 2126688
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.5 21.2 31.8



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

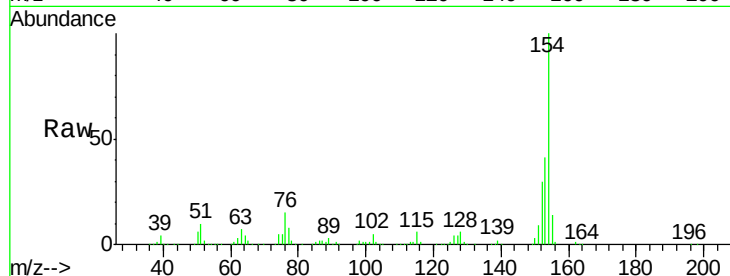




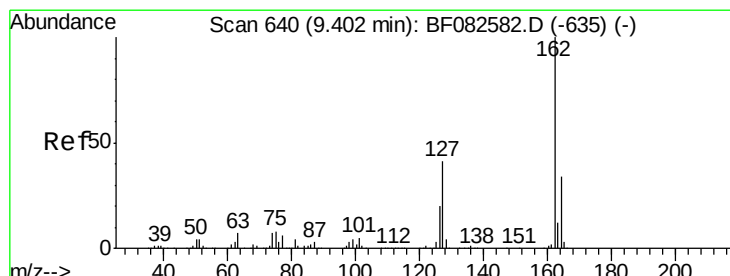
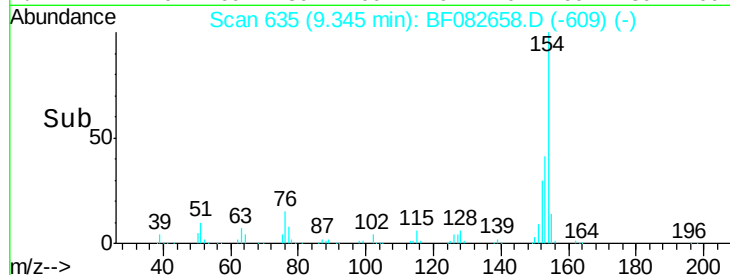
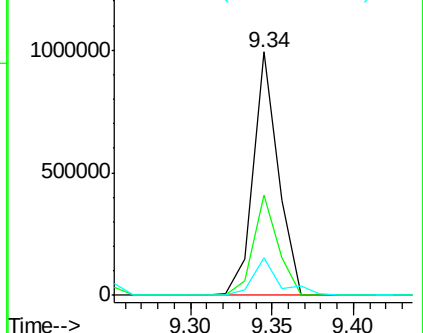
#45
 1,1'-Biphenyl
 Concen: 33.71 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tgt Ion:154 Resp: 1054590
 Ion Ratio Lower Upper
 154 100
 153 41.0 22.0 62.0
 76 15.3 0.0 29.0

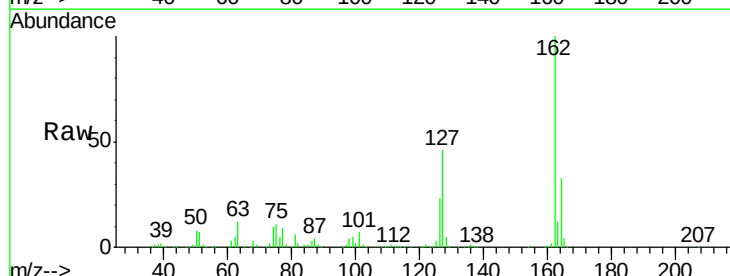


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

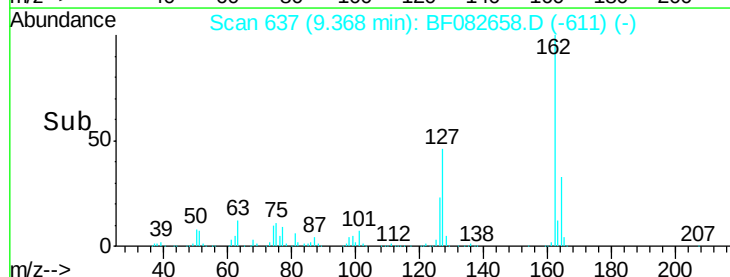
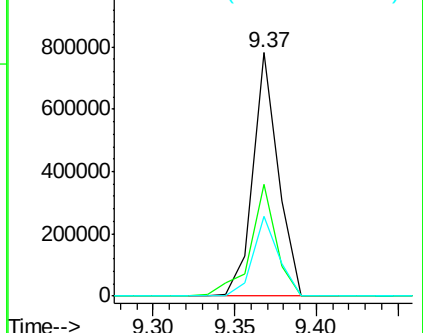


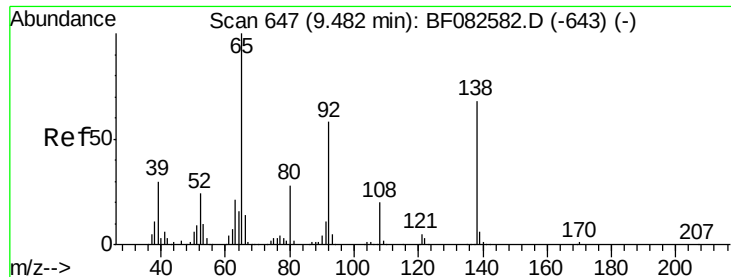
#46
 2-Chloronaphthalene
 Concen: 34.35 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:162 Resp: 839078
 Ion Ratio Lower Upper
 162 100
 127 46.2 32.7 49.1
 164 32.7 27.4 41.0



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





#47

2-Nitroaniline

Concen: 34.19 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

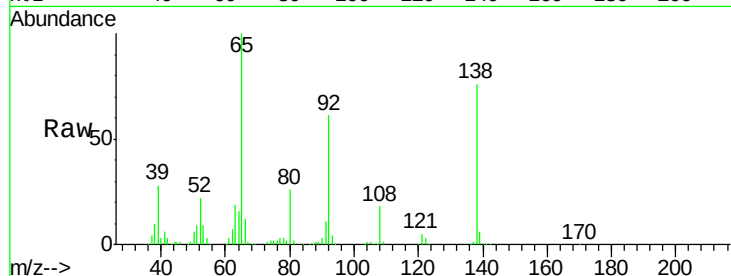
Tgt Ion: 65 Resp: 324631

Ion Ratio Lower Upper

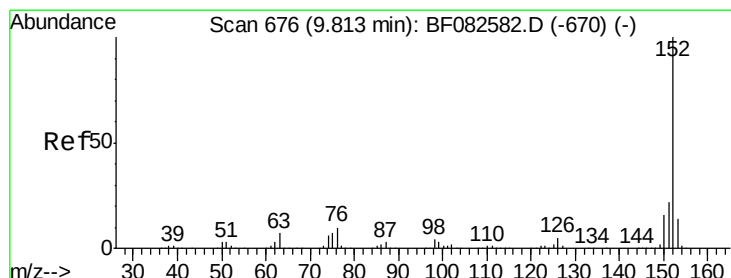
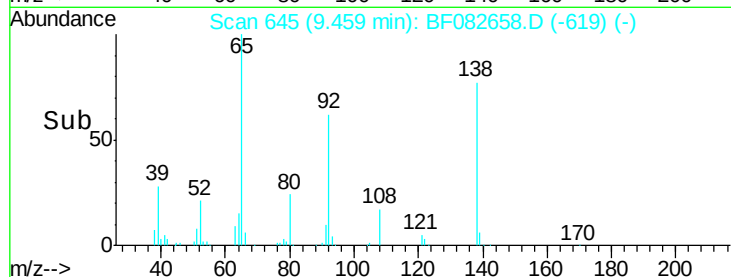
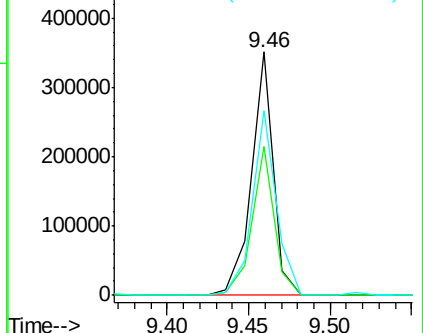
65 100

92 61.3 46.6 70.0

138 75.8 54.6 81.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.78 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

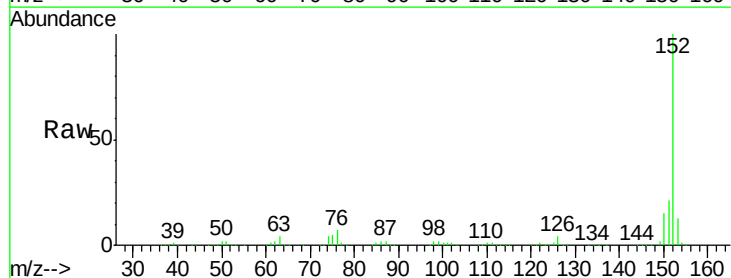
Tgt Ion: 152 Resp: 1515089

Ion Ratio Lower Upper

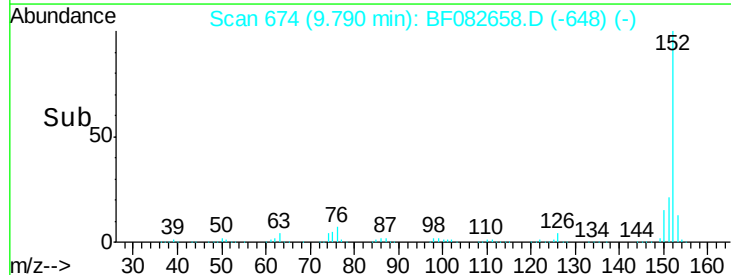
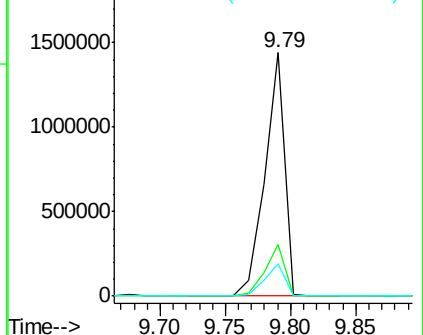
152 100

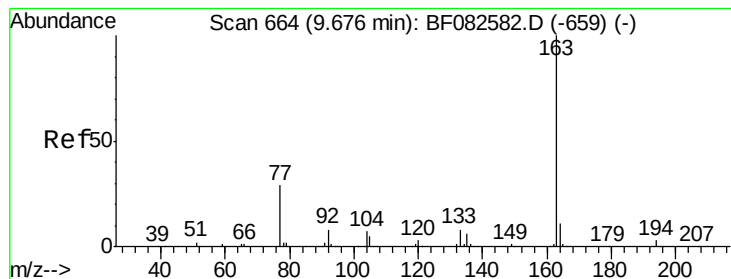
151 21.3 17.3 25.9

153 13.2 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.65 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

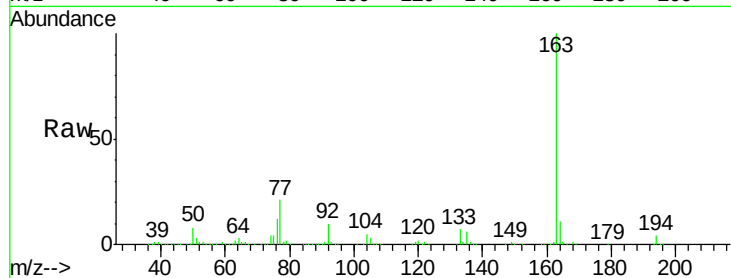
Tgt Ion:163 Resp: 1199332

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

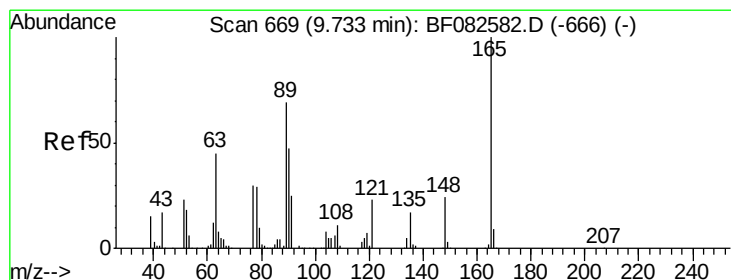
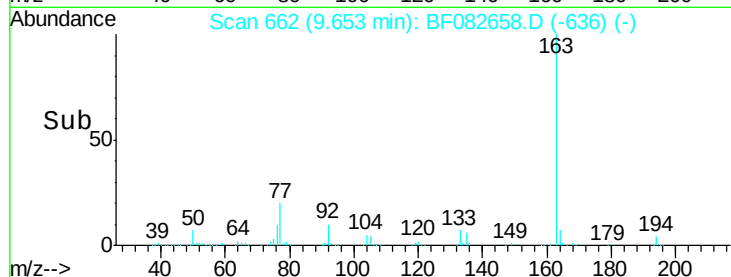
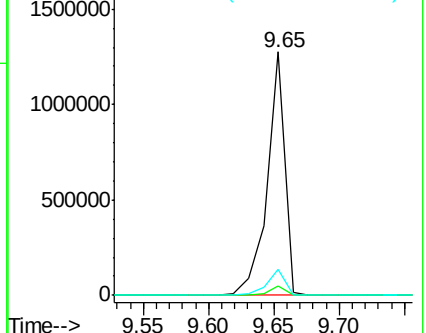
164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.19 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

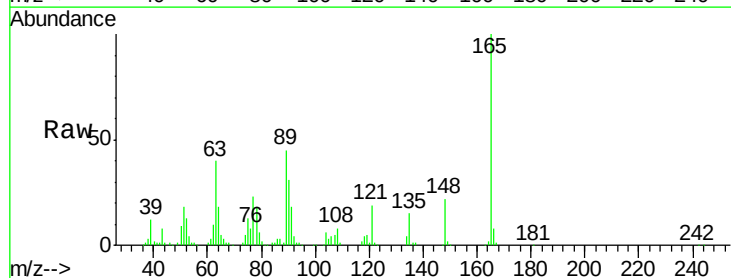
Tgt Ion:165 Resp: 258216

Ion Ratio Lower Upper

165 100

63 39.9 55.5 83.3#

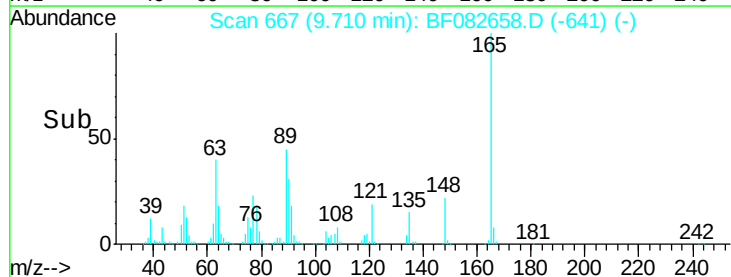
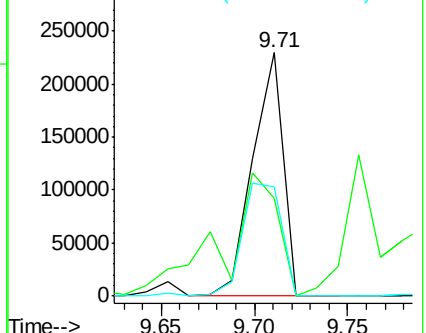
89 44.9 55.0 82.6#

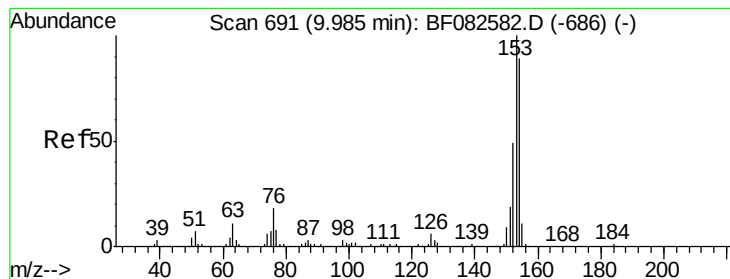


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.24 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

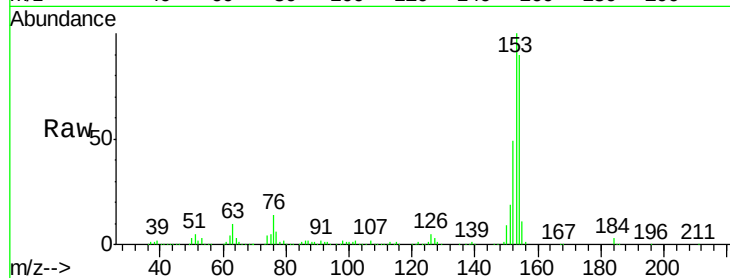
Tgt Ion:154 Resp: 1047744

Ion Ratio Lower Upper

154 100

153 110.9 90.1 135.1

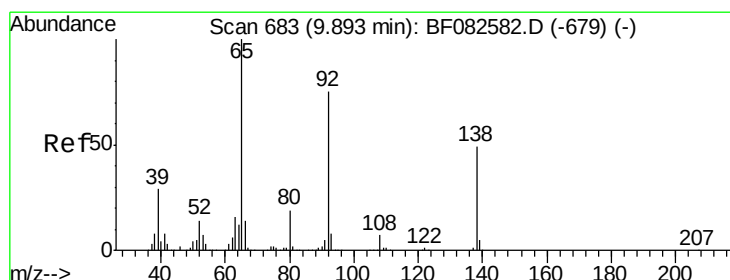
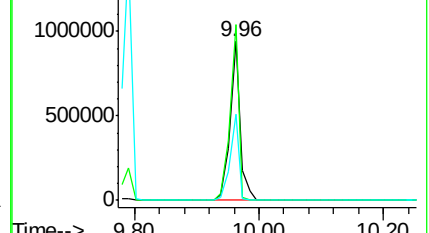
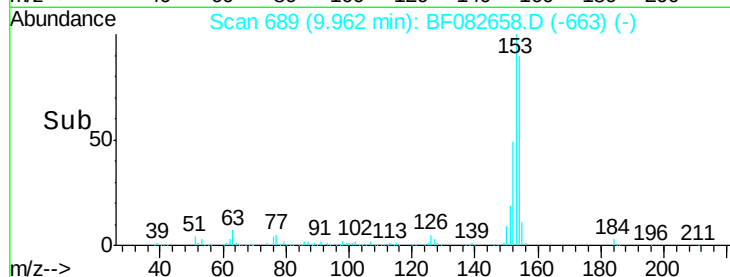
152 54.6 44.3 66.5



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: 20.40 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

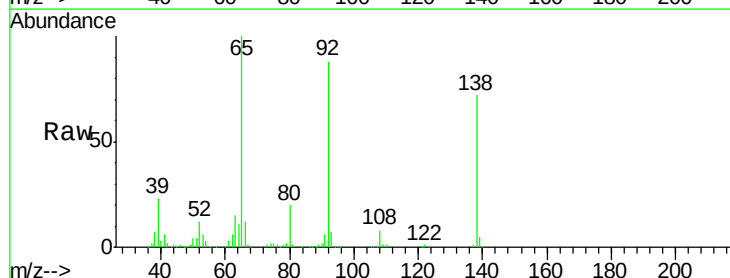
Tgt Ion:138 Resp: 142273

Ion Ratio Lower Upper

138 100

108 11.3 11.3 16.9#

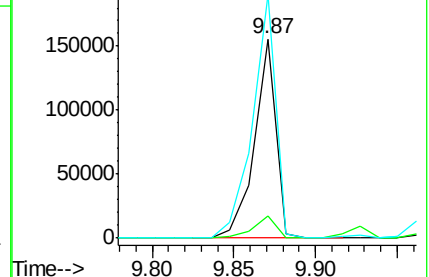
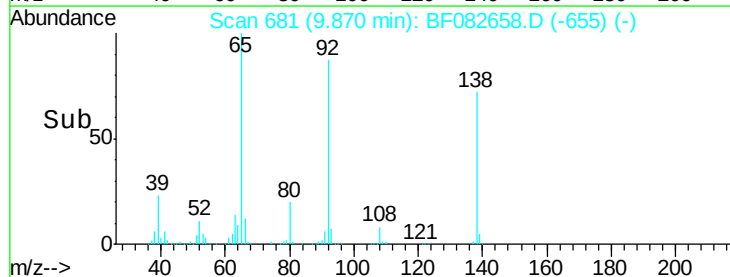
92 122.4 122.4 183.6

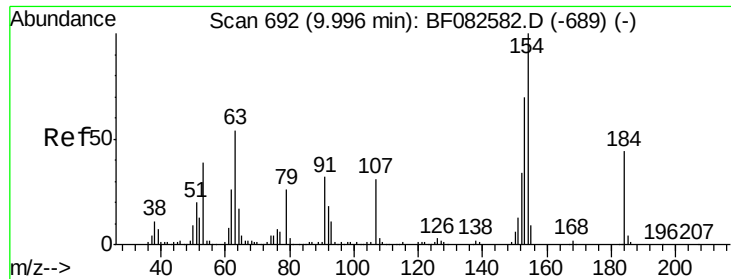


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

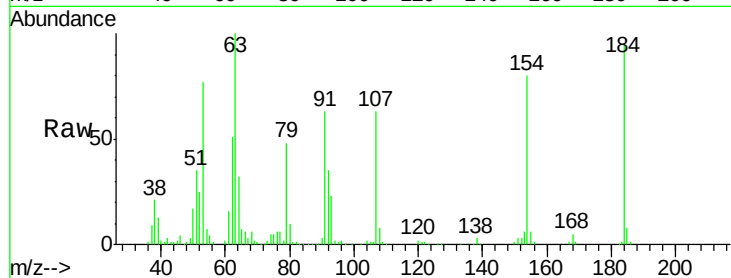




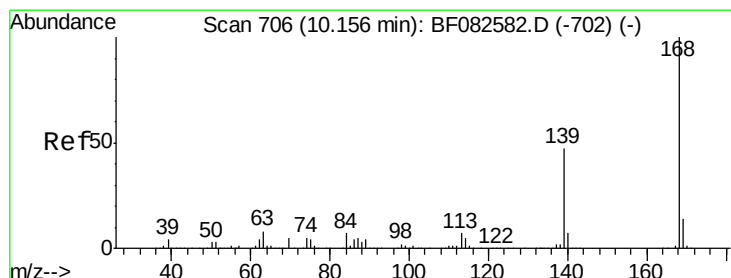
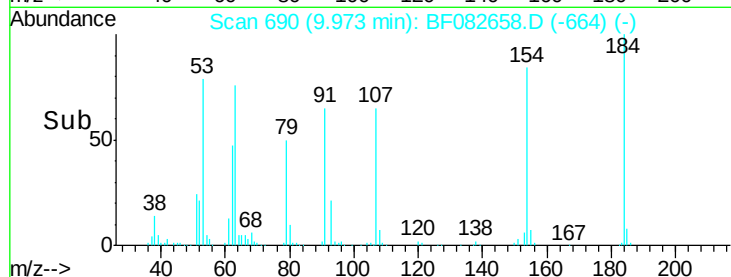
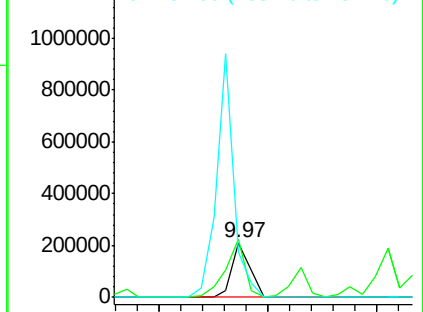
#53
2,4-Dinitrophenol
Concen: 72.16 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tgt Ion:184 Resp: 238599
Ion Ratio Lower Upper
184 100
63 105.7 98.6 148.0
154 84.2 183.9 275.9#

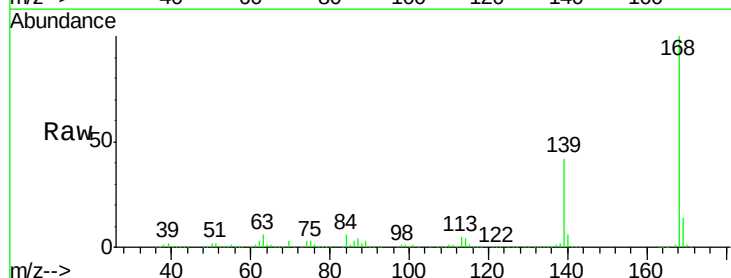


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

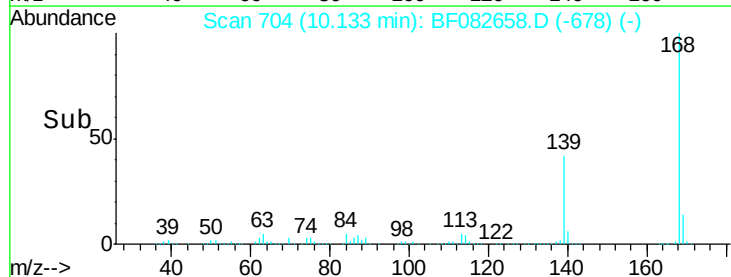
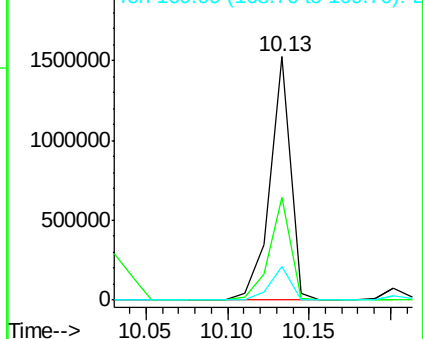


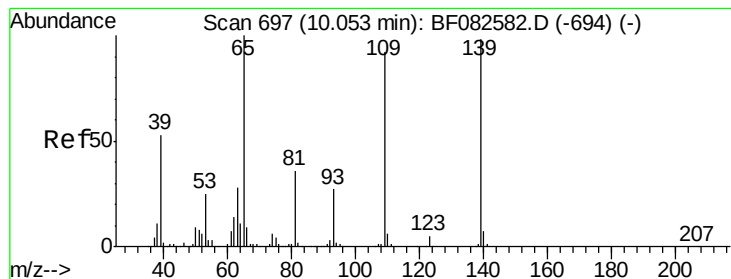
#54
Dibenzofuran
Concen: 39.87 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion:168 Resp: 1341792
Ion Ratio Lower Upper
168 100
139 42.1 37.8 56.6
169 14.0 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 70.85 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

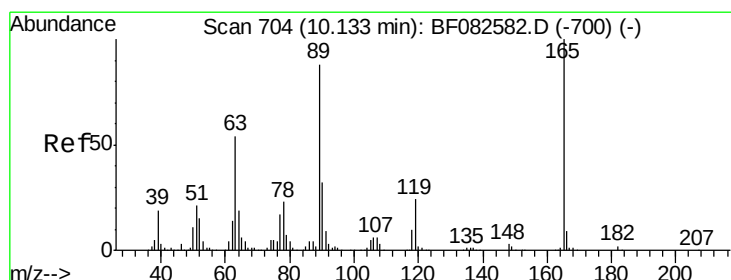
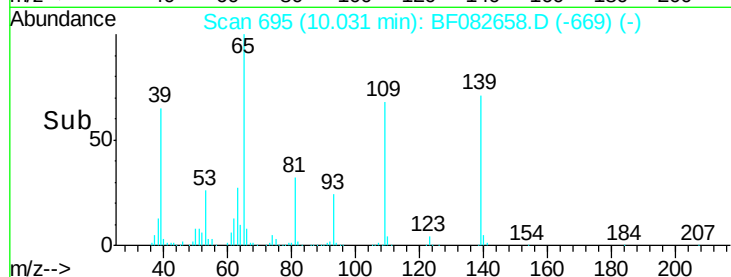
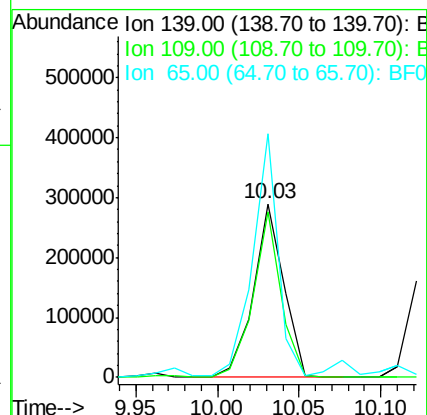
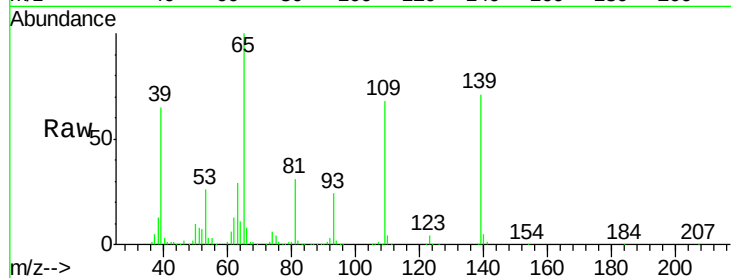
Tgt Ion:139 Resp: 371789

Ion Ratio Lower Upper

139 100

109 95.8 73.7 113.7

65 140.5 82.9 122.9#



#56

2,4-Dinitrotoluene

Concen: 42.48 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:165 Resp: 360093

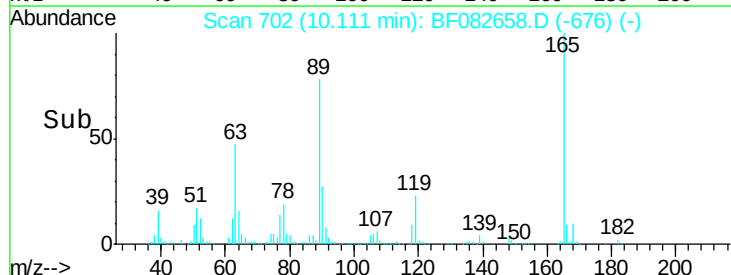
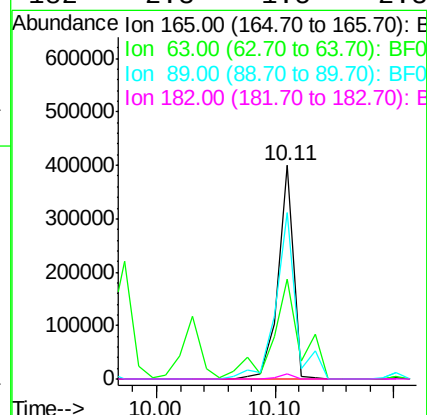
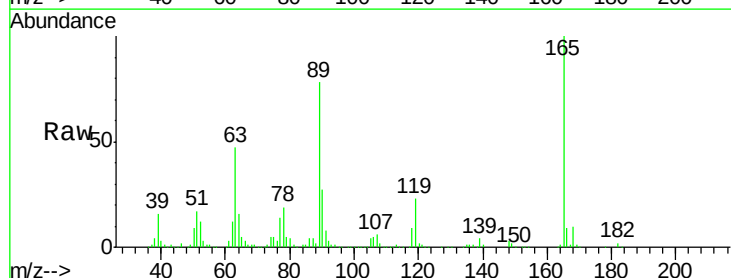
Ion Ratio Lower Upper

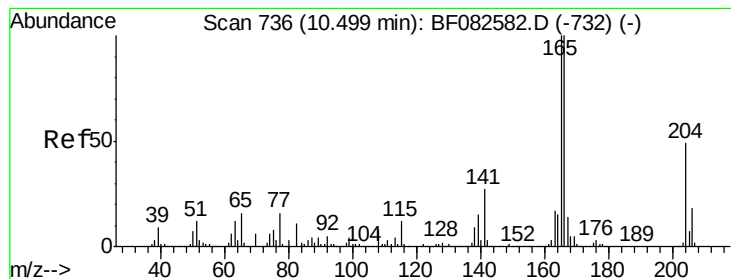
165 100

63 46.9 43.4 65.0

89 77.8 70.6 106.0

182 2.3 1.5 2.3





#57

Fluorene

Concen: 40.05 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

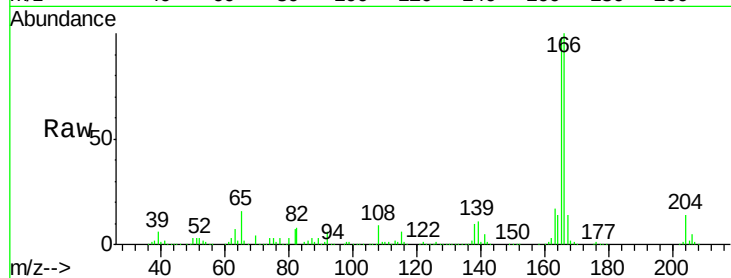
Tgt Ion:166 Resp: 1087339

Ion Ratio Lower Upper

166 100

165 98.4 80.2 120.4

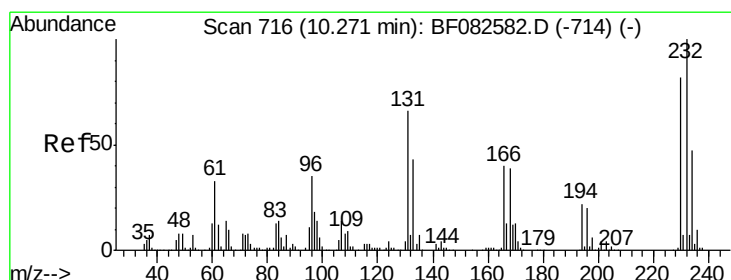
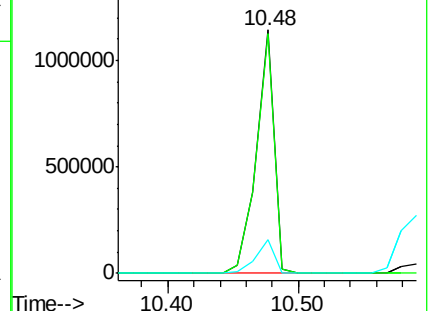
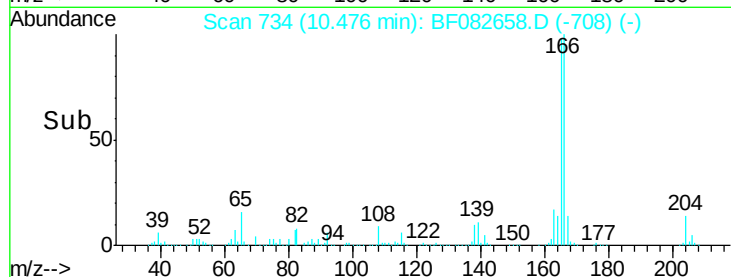
167 13.6 11.2 16.8



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: 37.08 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:232 Resp: 278627

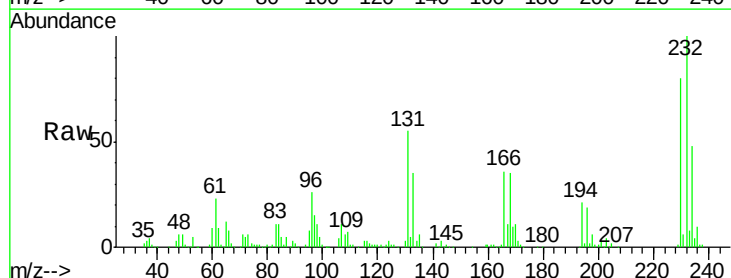
Ion Ratio Lower Upper

232 100

131 53.1 46.2 69.2

130 2.6 2.4 3.6

166 34.6 28.2 42.2

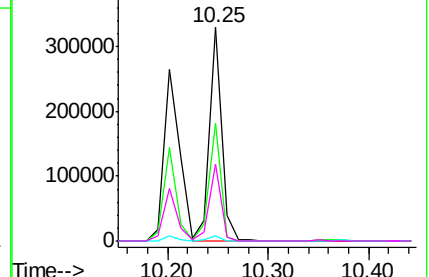
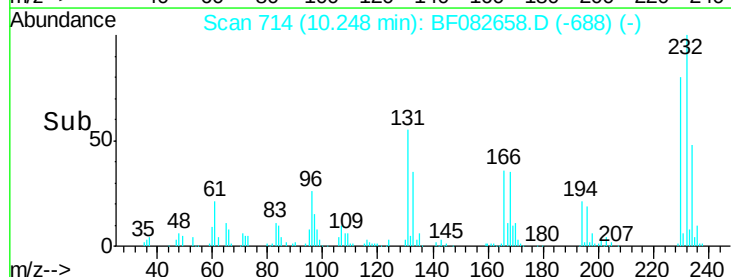


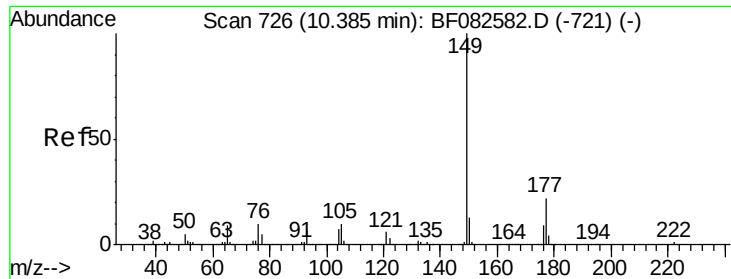
Abundance Ion 232.00 (231.70 to 232.70): E

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

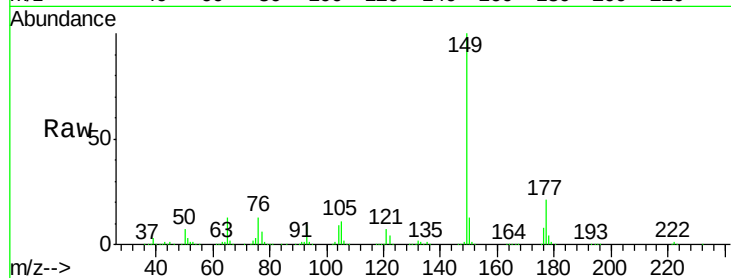




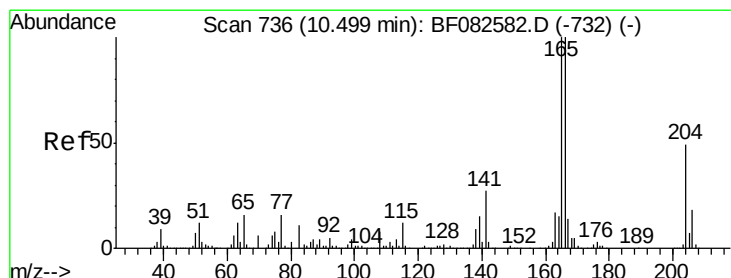
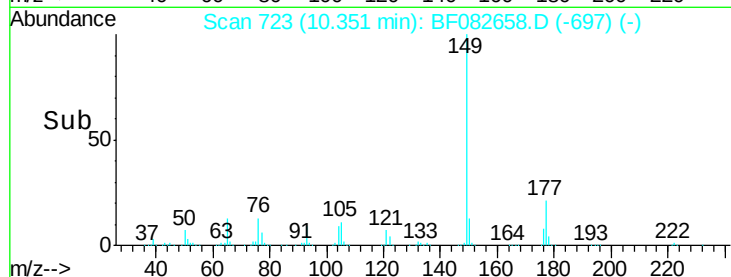
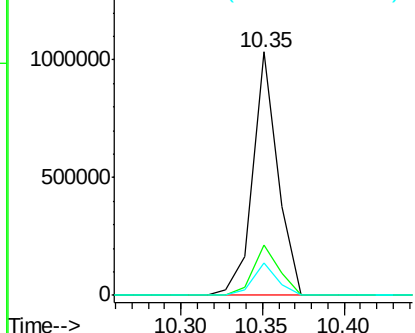
#59
Diethylphthalate
Concen: 35.60 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tgt Ion:149 Resp: 1096188
Ion Ratio Lower Upper
149 100
177 20.7 17.9 26.9
150 13.4 10.1 15.1

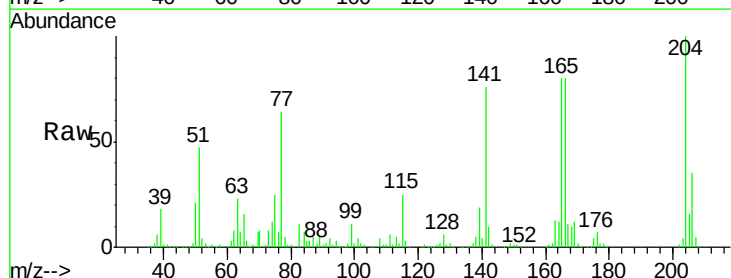


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

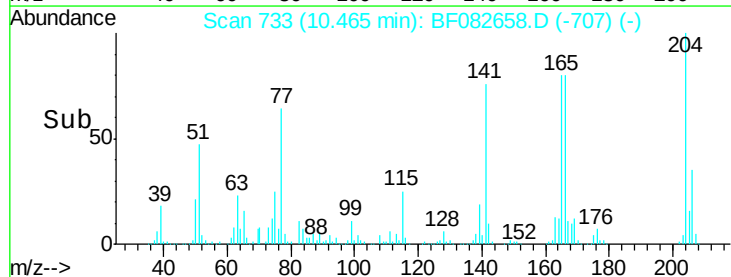
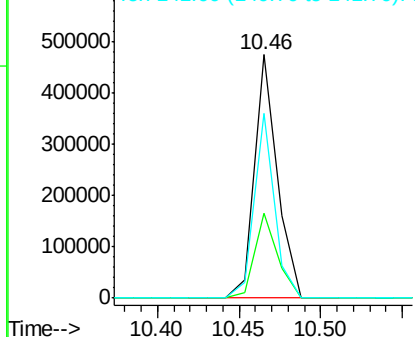


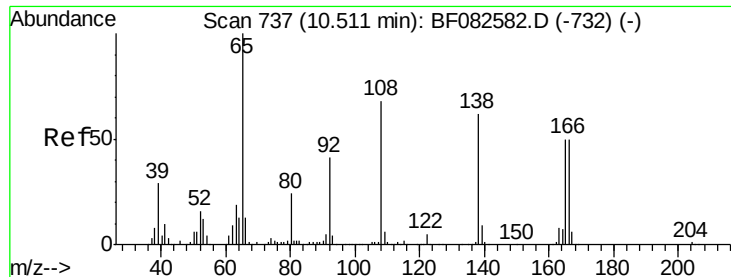
#60
4-Chlorophenyl-phenylether
Concen: 35.03 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion:204 Resp: 462195
Ion Ratio Lower Upper
204 100
206 34.7 28.5 42.7
141 75.8 44.6 66.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.75 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampled :

PB86403BS

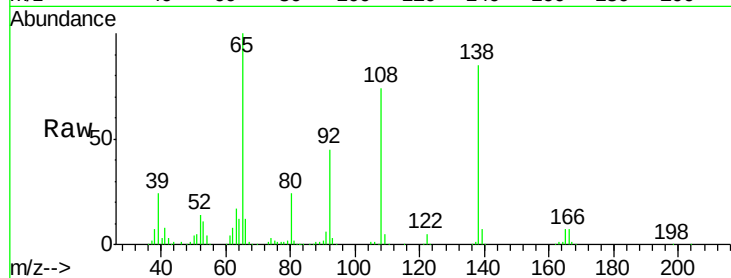
Tgt Ion:138 Resp: 251239

Ion Ratio Lower Upper

138 100

92 53.7 45.8 85.8

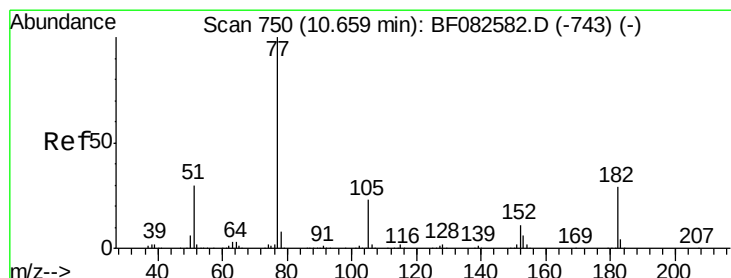
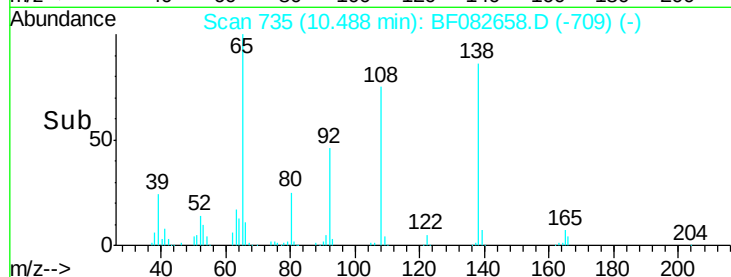
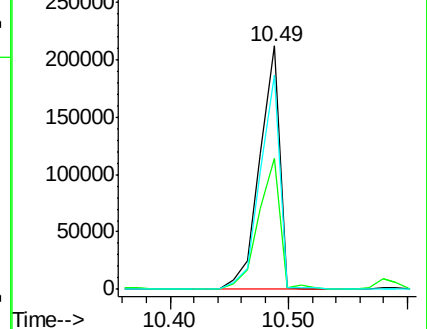
108 88.0 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.16 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion: 77 Resp: 1255741

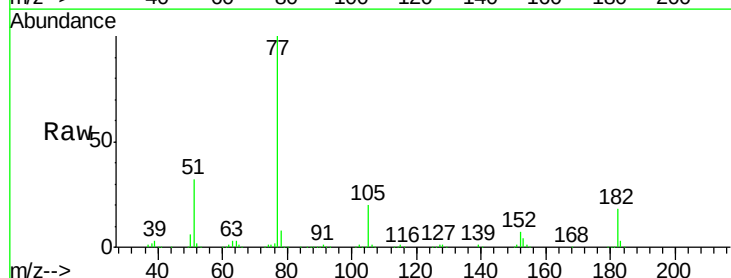
Ion Ratio Lower Upper

77 100

182 17.8 9.3 49.3

105 20.2 2.6 42.6

51 32.3 9.9 49.9

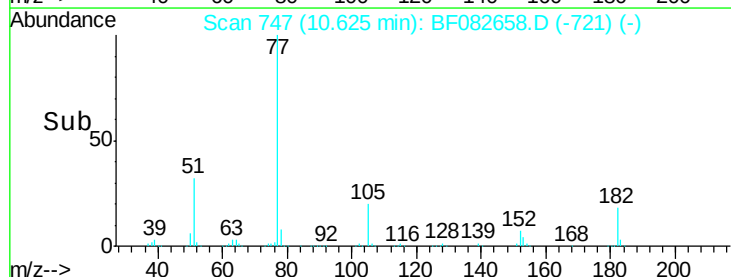
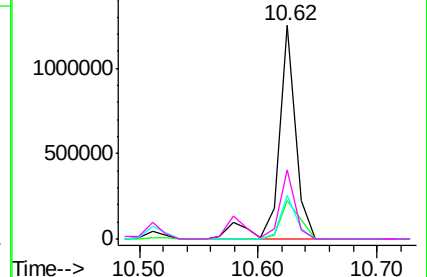


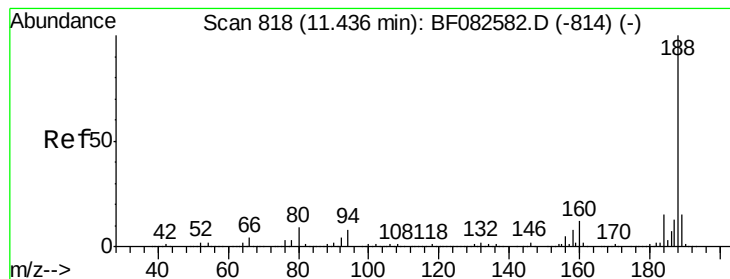
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

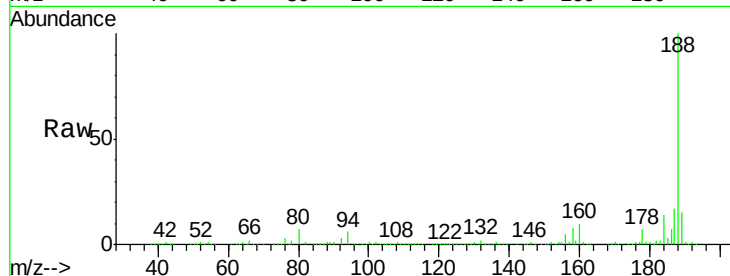
Tgt Ion:188 Resp: 670714

Ion Ratio Lower Upper

188 100

94 6.0 6.1 9.1#

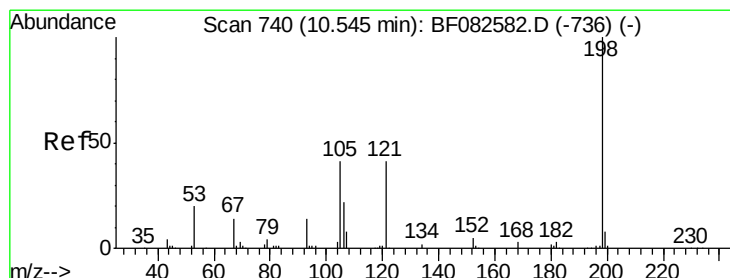
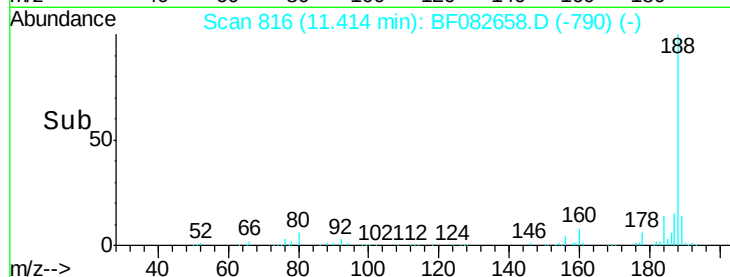
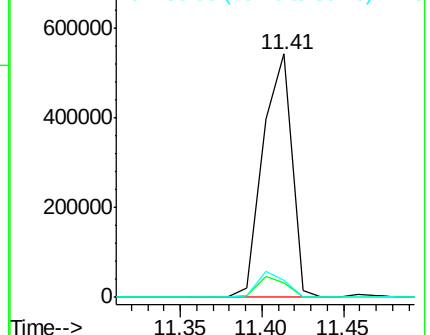
80 6.9 7.0 10.6#



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: 44.85 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

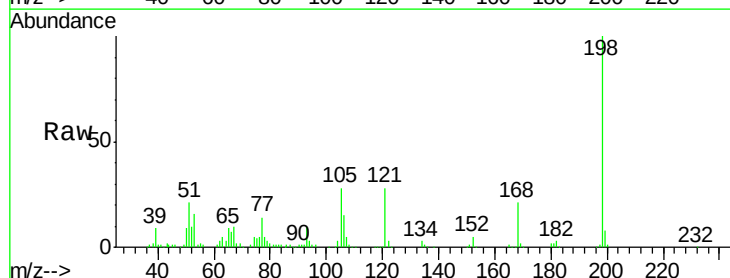
Tgt Ion:198 Resp: 181440

Ion Ratio Lower Upper

198 100

51 21.5 17.3 57.3

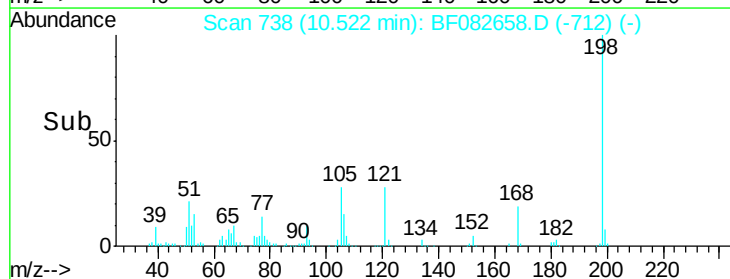
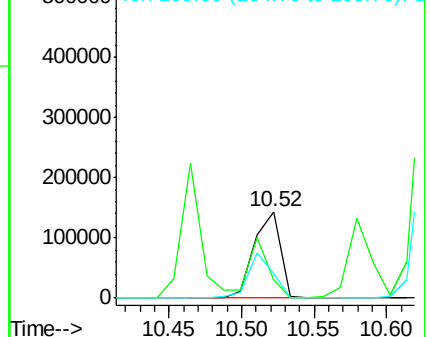
105 28.4 21.7 61.7

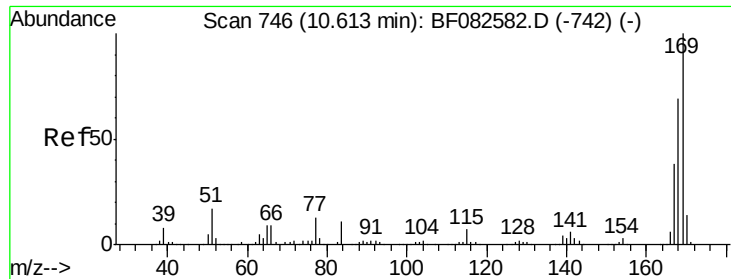


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.65 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

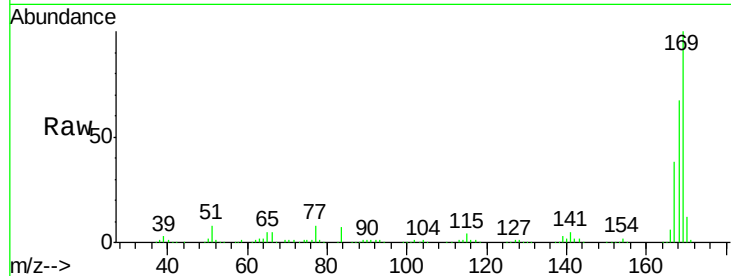
Tgt Ion:169 Resp: 914259

Ion Ratio Lower Upper

169 100

168 66.6 55.0 82.6

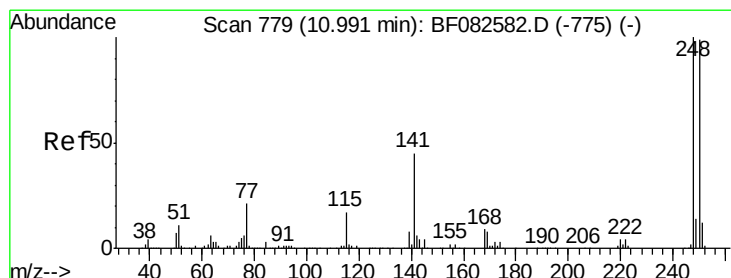
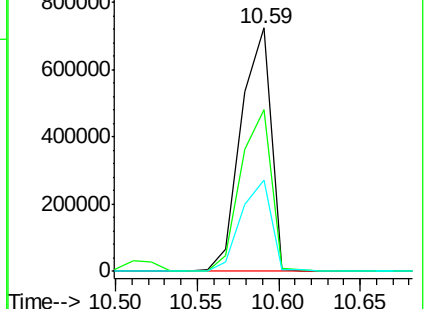
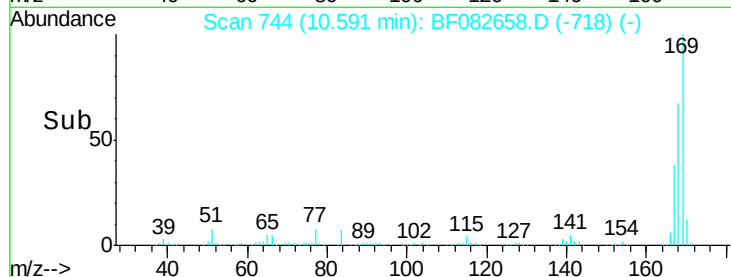
167 37.6 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.96 ng

RT: 10.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

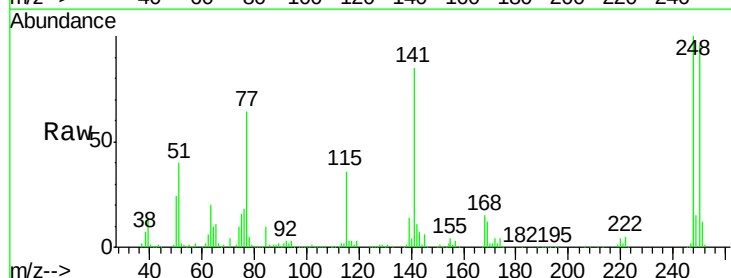
Tgt Ion:248 Resp: 311339

Ion Ratio Lower Upper

248 100

250 95.6 79.4 119.2

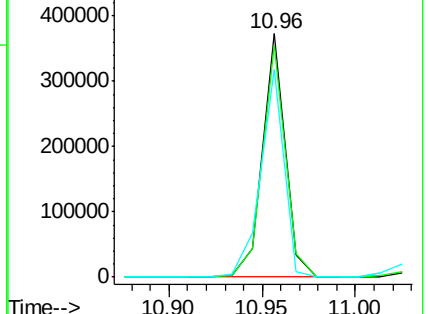
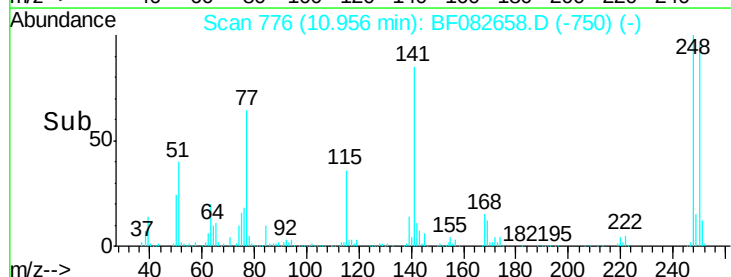
141 85.2 36.3 54.5#

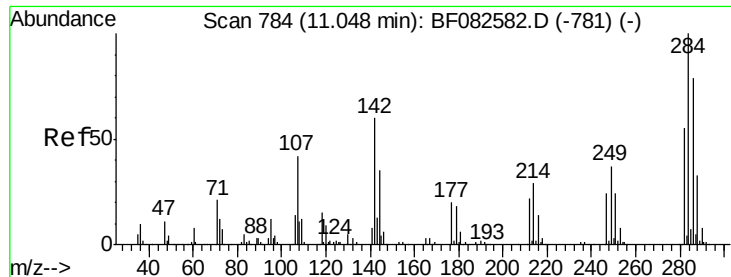


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.76 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

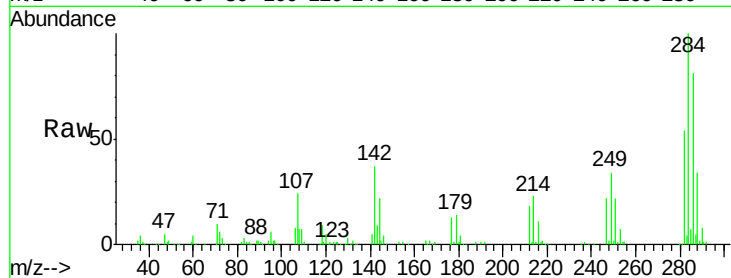
Tgt Ion:284 Resp: 335119

Ion Ratio Lower Upper

284 100

142 37.4 47.9 71.9#

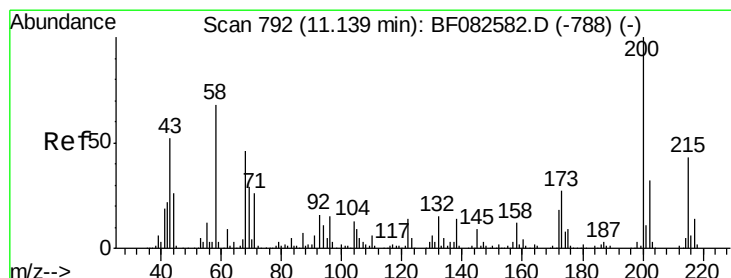
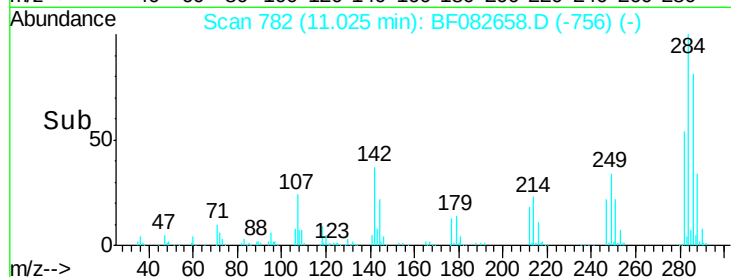
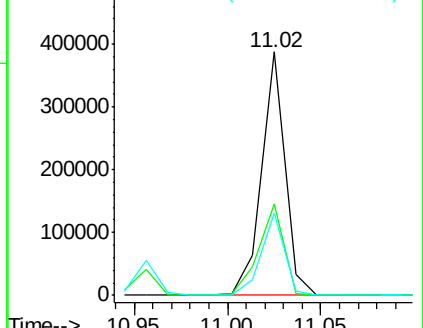
249 33.9 29.7 44.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.53 ng

RT: 11.12 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

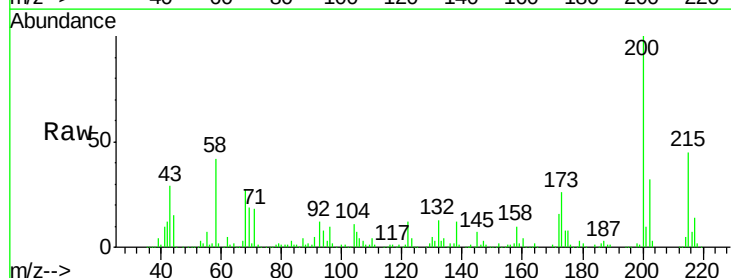
Tgt Ion:200 Resp: 350970

Ion Ratio Lower Upper

200 100

173 25.9 6.9 46.9

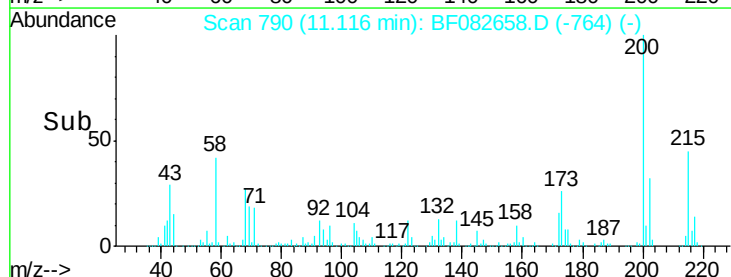
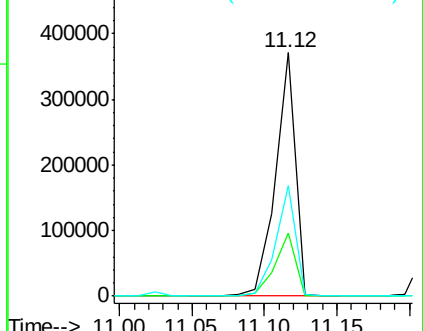
215 45.4 22.9 62.9

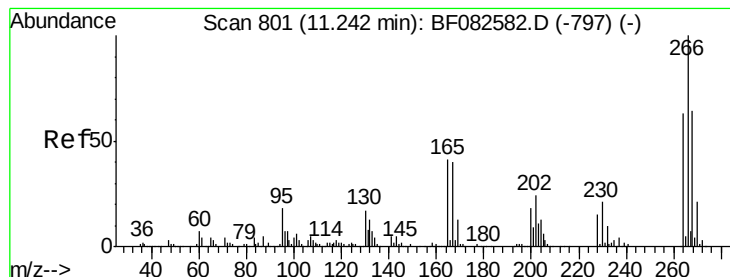


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 82.60 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

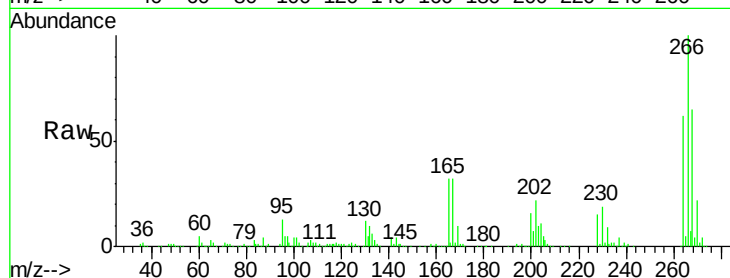
Tgt Ion:266 Resp: 459032

Ion Ratio Lower Upper

266 100

268 64.7 51.0 76.6

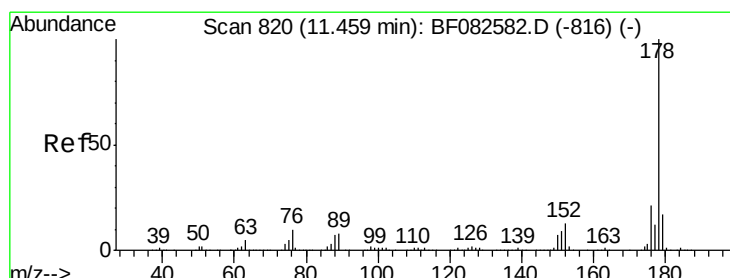
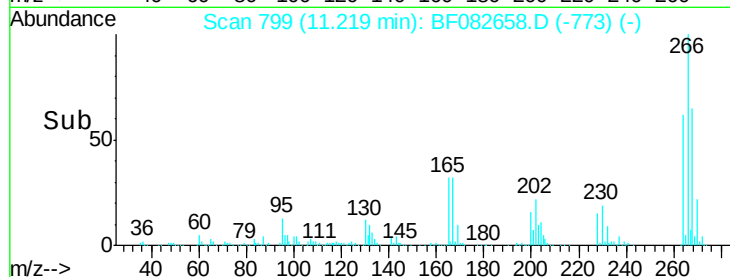
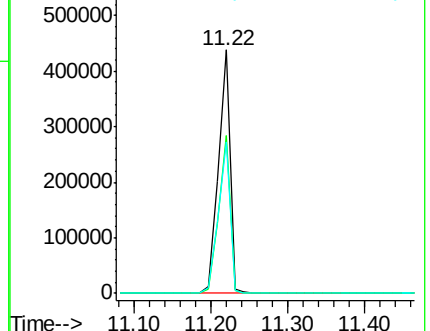
264 62.0 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.78 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

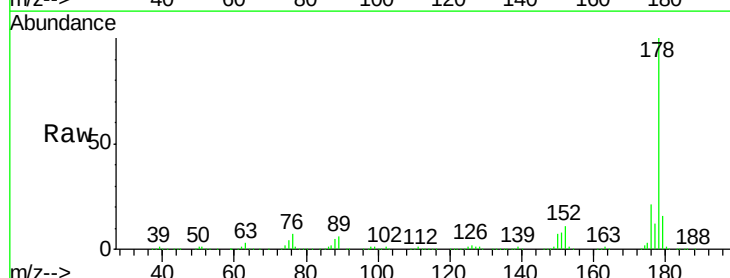
Tgt Ion:178 Resp: 1618507

Ion Ratio Lower Upper

178 100

176 21.0 17.0 25.4

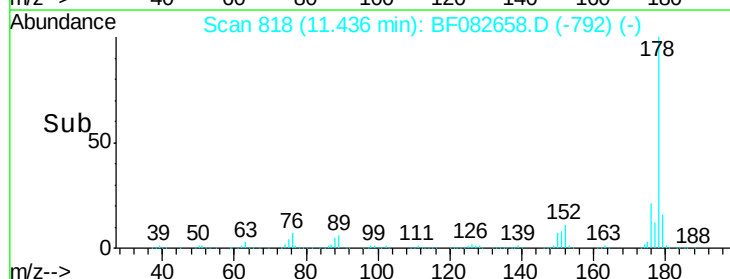
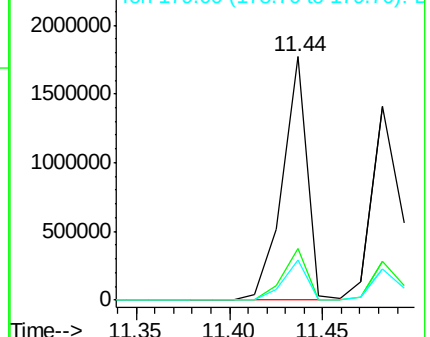
179 16.4 13.4 20.0

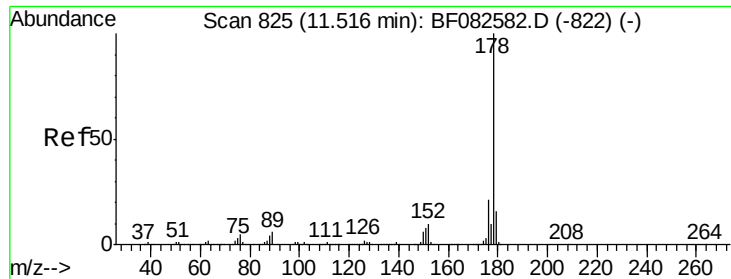


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

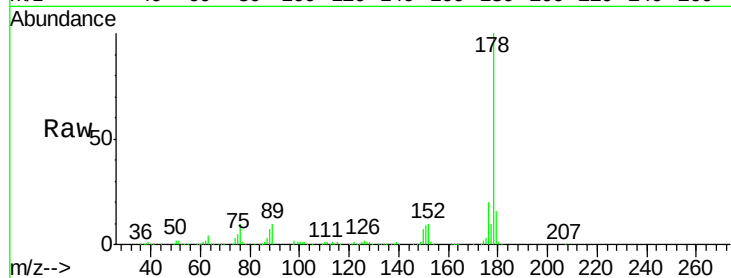




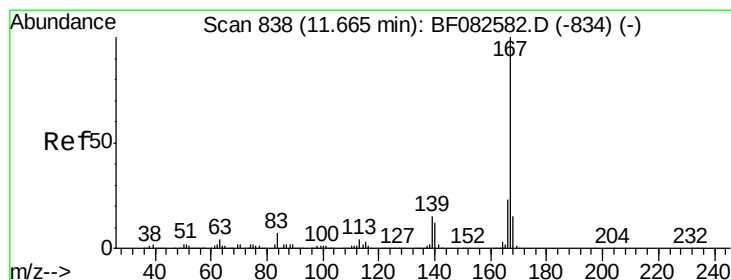
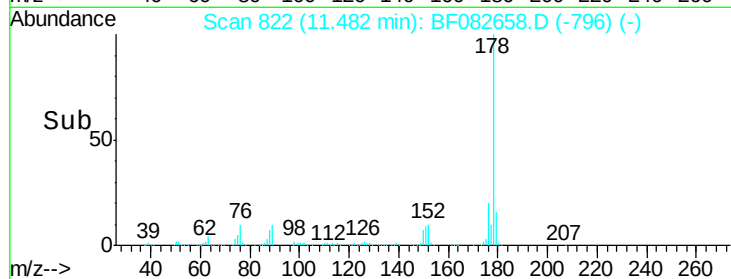
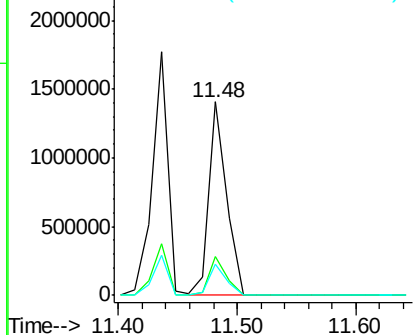
#71
 Anthracene
 Concen: 37.85 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tgt Ion:178 Resp: 1441573
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.5 24.7
 179 16.2 13.2 19.8

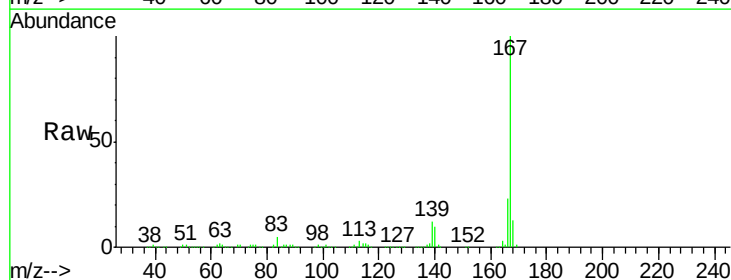


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

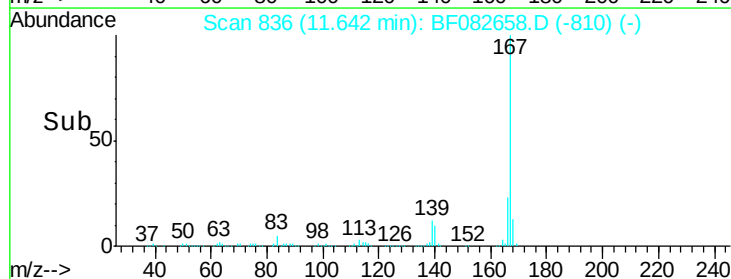
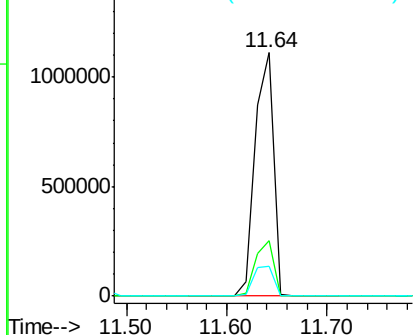


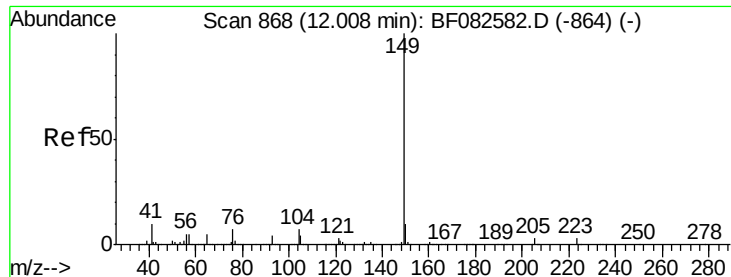
#72
 Carbazole
 Concen: 42.74 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:167 Resp: 1418149
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 12.4 11.8 17.6



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





#73

Di-n-butylphthalate

Concen: 44.39 ng

RT: 11.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

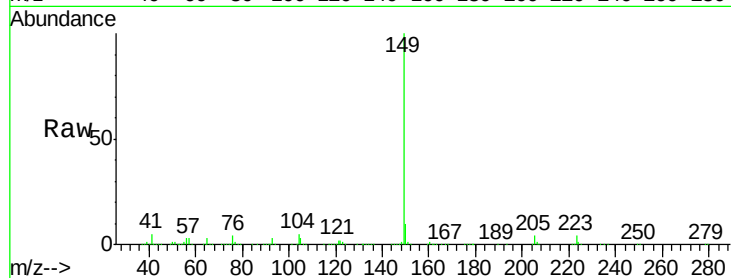
Tgt Ion:149 Resp: 1874675

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

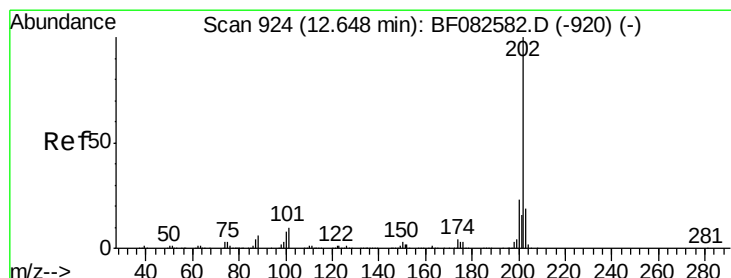
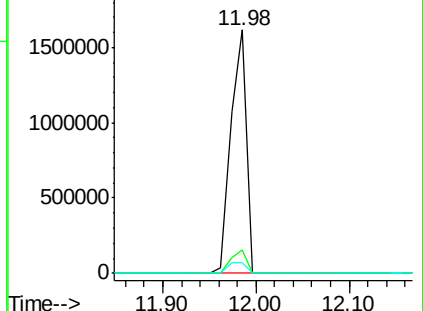
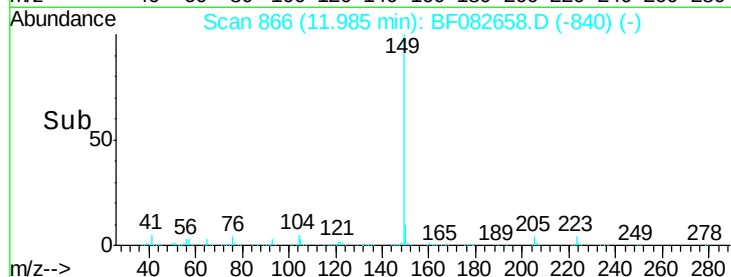
104 4.6 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.02 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

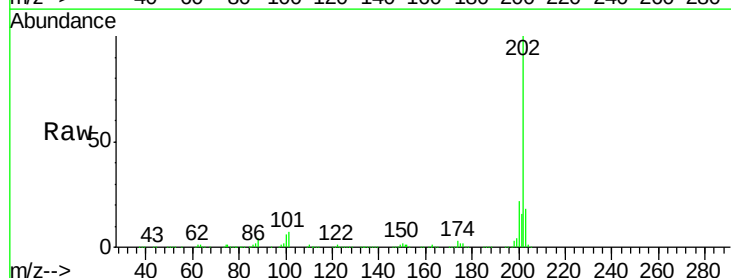
Tgt Ion:202 Resp: 1702498

Ion Ratio Lower Upper

202 100

101 6.8 0.0 30.5

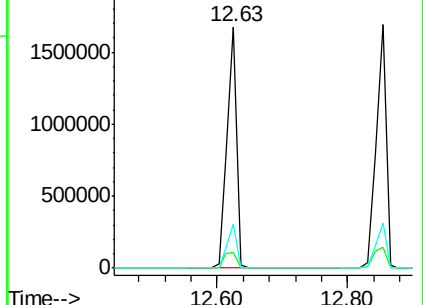
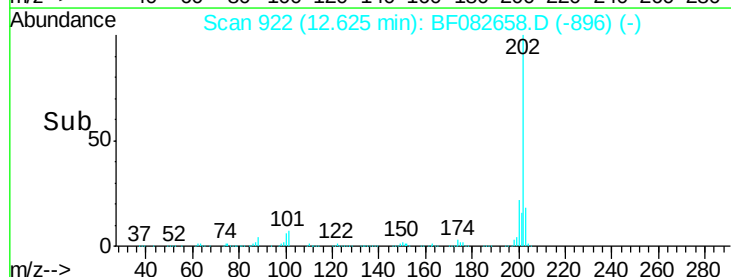
203 18.3 0.0 38.5

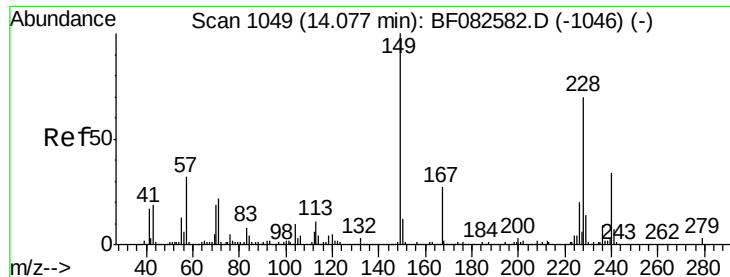


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

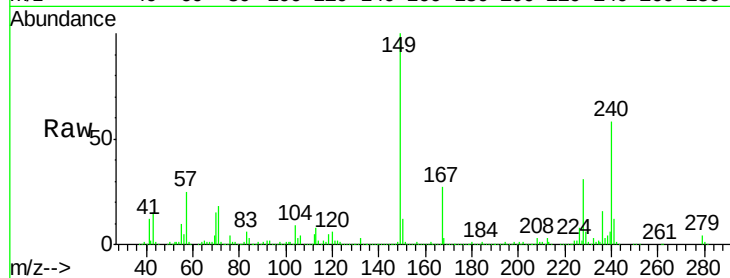
Tgt Ion:240 Resp: 588450

Ion Ratio Lower Upper

240 100

120 9.9 10.9 16.3#

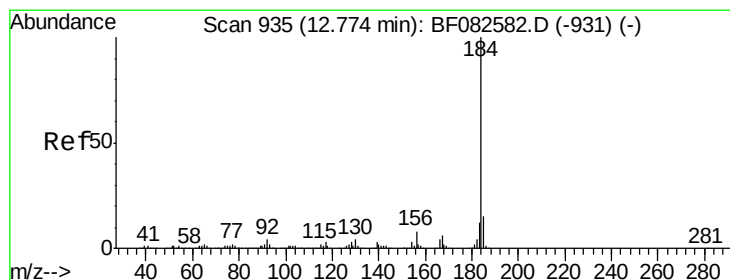
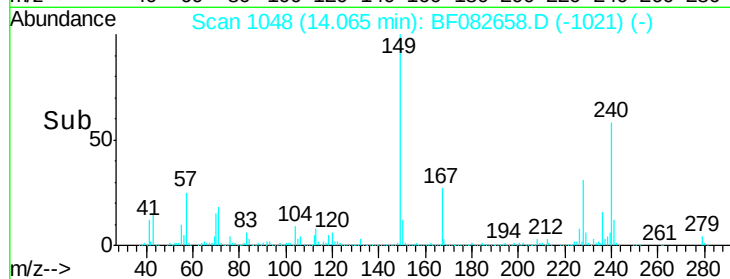
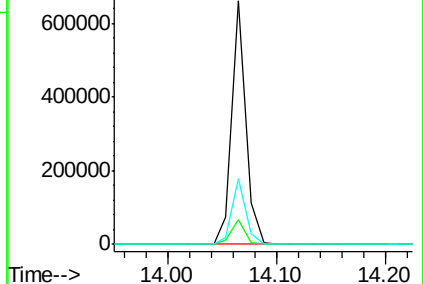
236 27.0 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.93 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

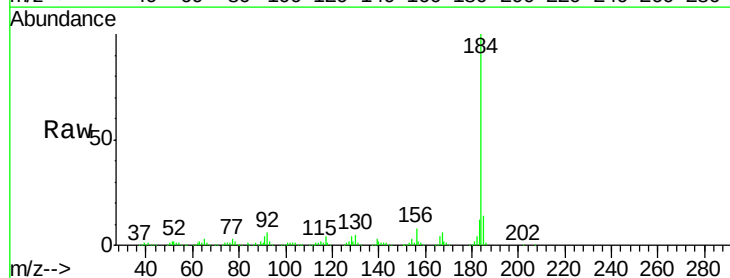
Tgt Ion:184 Resp: 502300

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

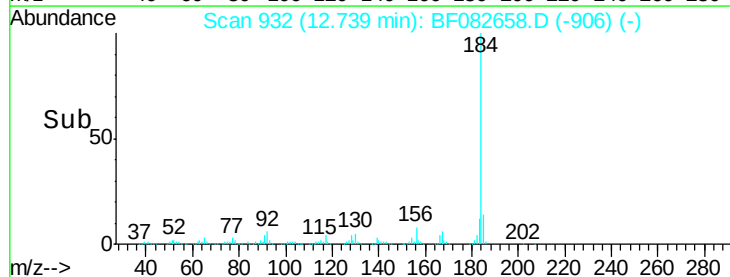
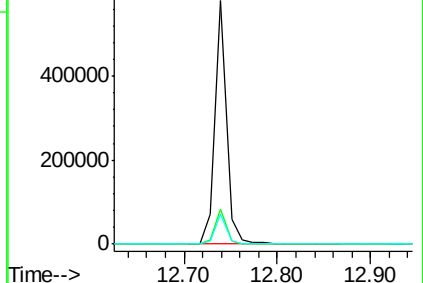
183 12.1 9.6 14.4

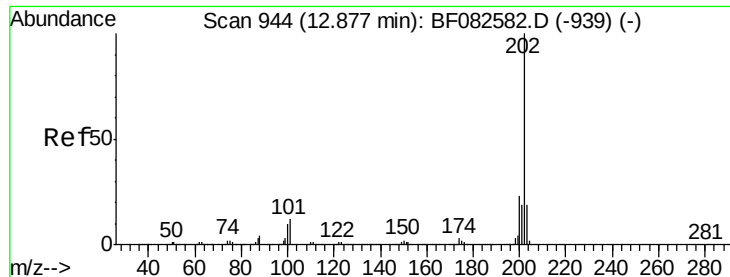


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.12 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

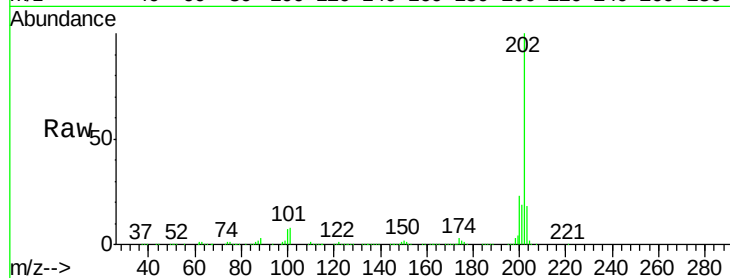
Tgt Ion:202 Resp: 1748370

Ion Ratio Lower Upper

202 100

200 23.0 18.7 28.1

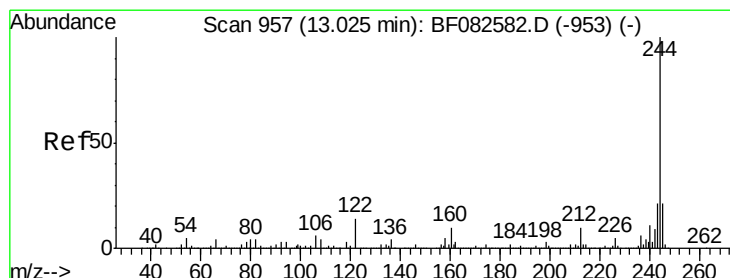
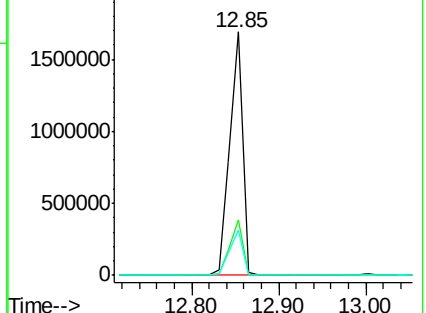
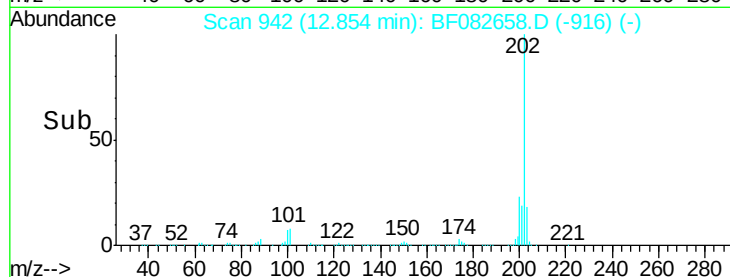
203 18.4 14.8 22.2



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: 81.40 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

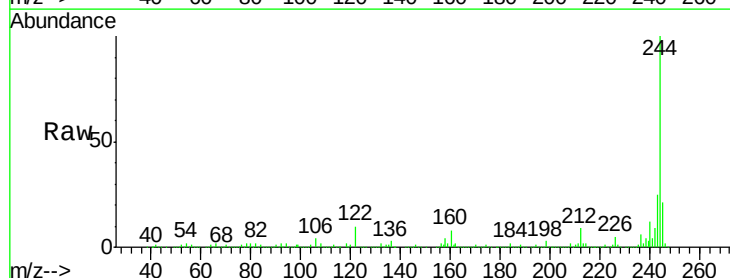
Tgt Ion:244 Resp: 2188681

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

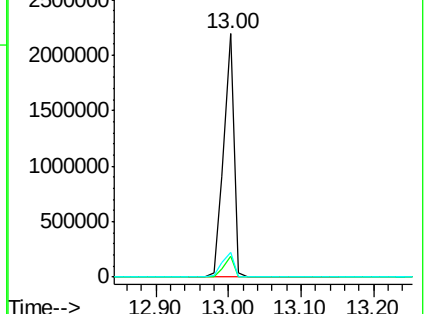
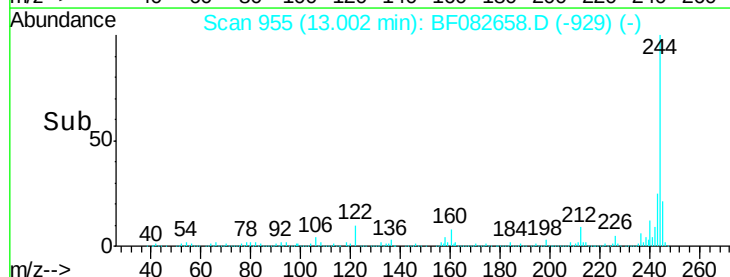
122 10.3 11.3 16.9#

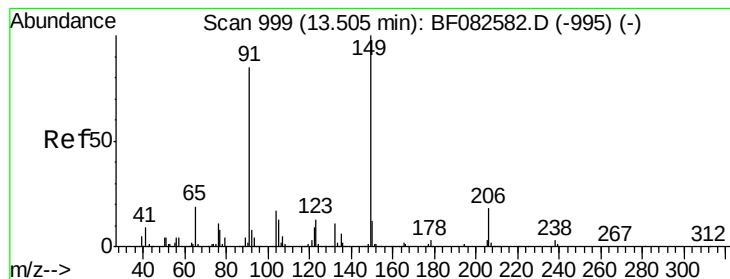


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.91 ng

RT: 13.48 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

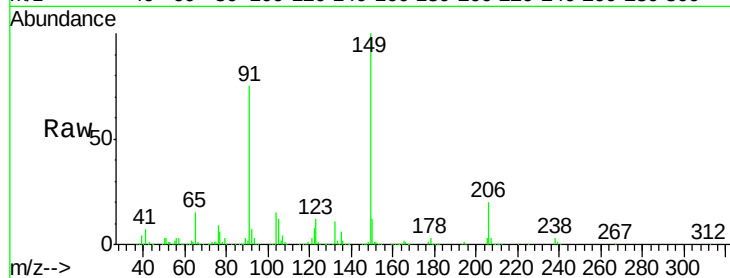
Tgt Ion:149 Resp: 857122

Ion Ratio Lower Upper

149 100

91 75.1 67.7 101.5

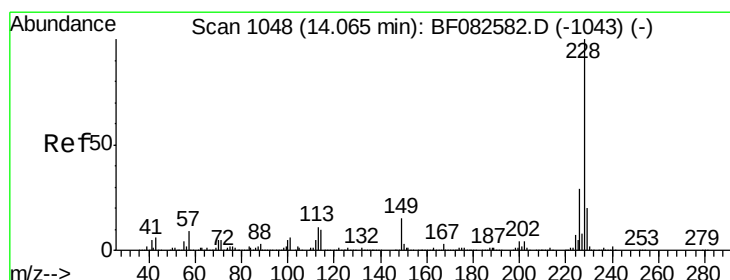
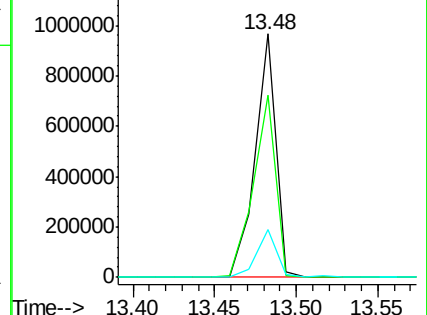
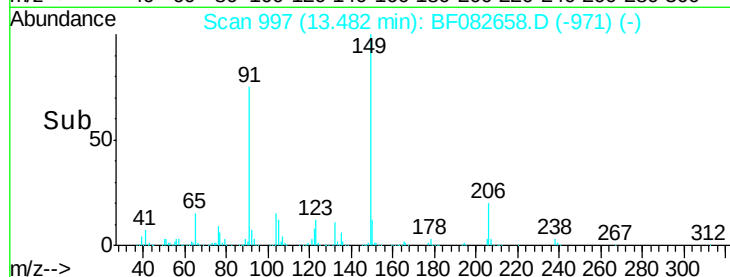
206 19.5 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.90 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

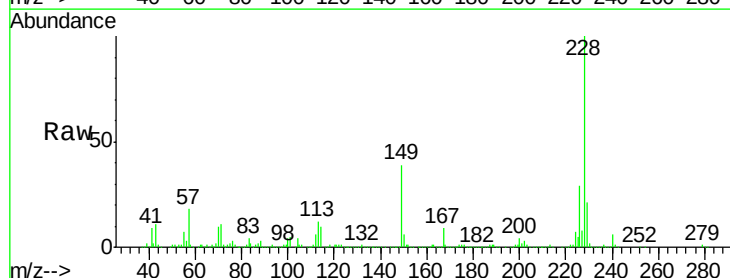
Tgt Ion:228 Resp: 1454218

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

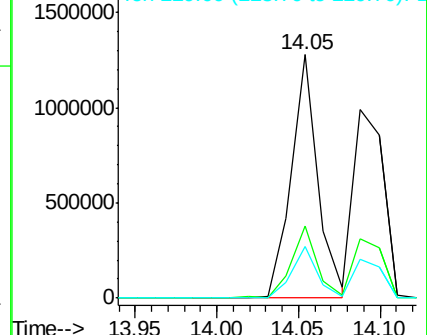
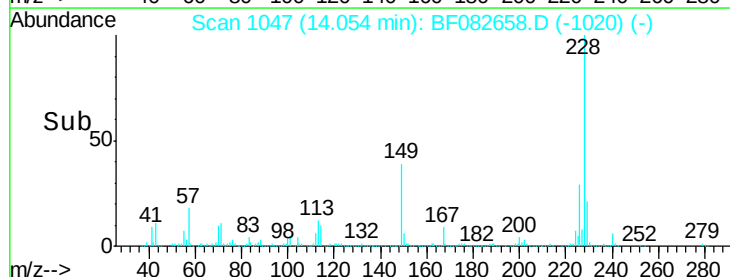
229 21.1 16.3 24.5

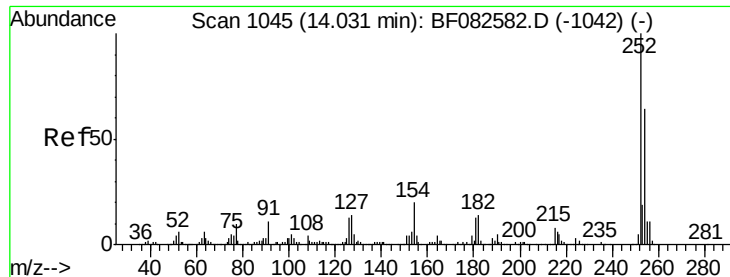


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

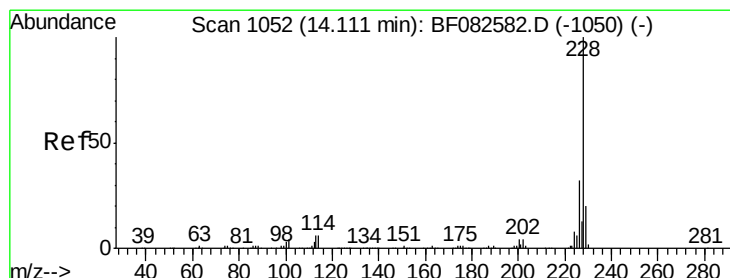
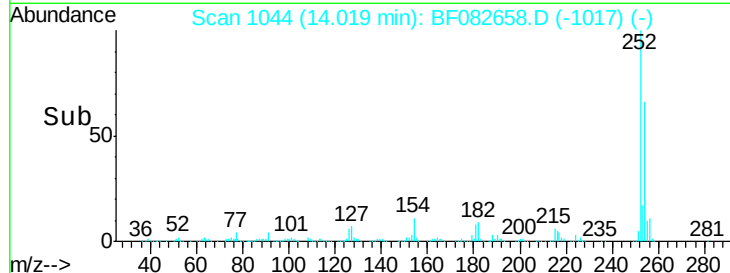
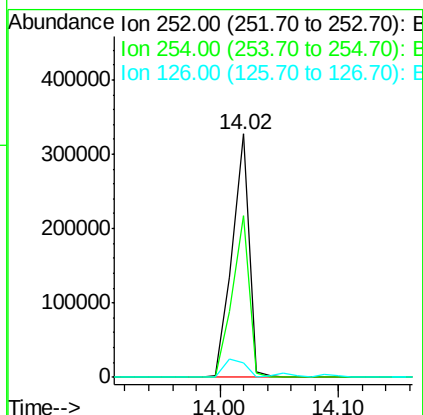
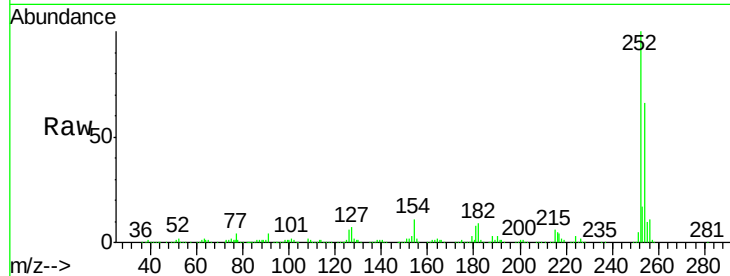




#81
 3,3'-Dichlorobenzidine
 Concen: 25.27 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

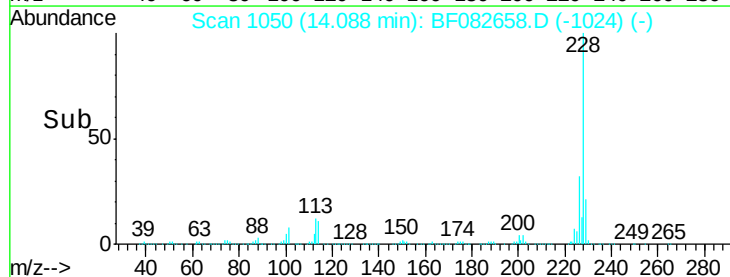
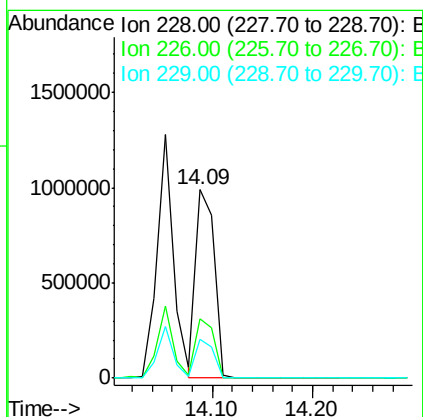
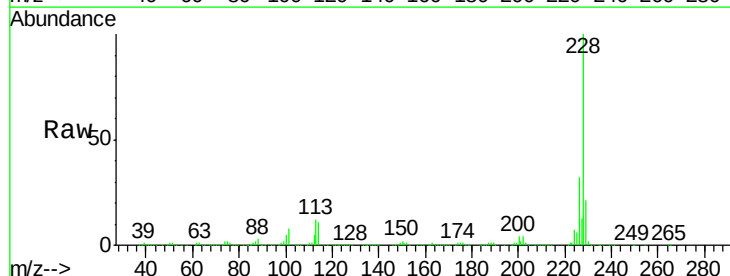
Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

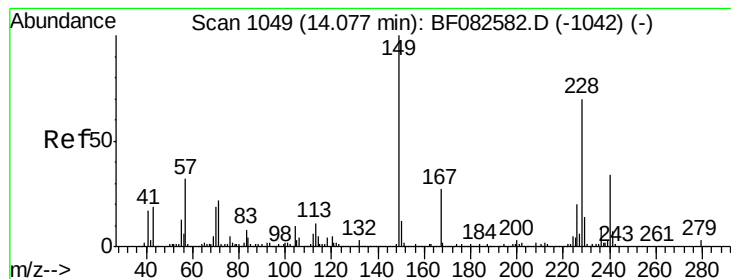
Tgt Ion:252 Resp: 325467
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.4 77.0
 126 6.1 10.7 16.1#



#82
 Chrysene
 Concen: 37.87 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:228 Resp: 1283052
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.6 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.36 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

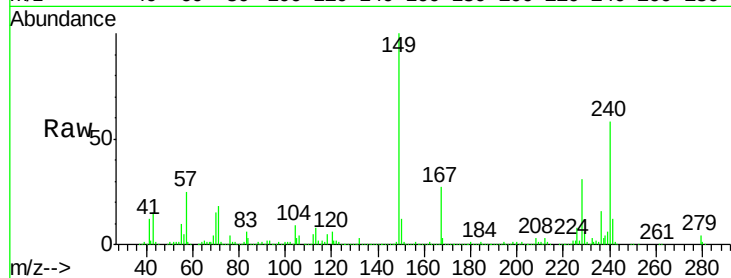
Tgt Ion:149 Resp: 1147079

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

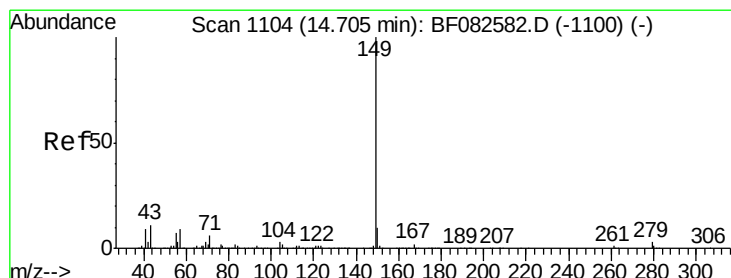
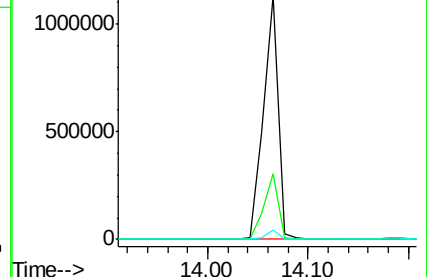
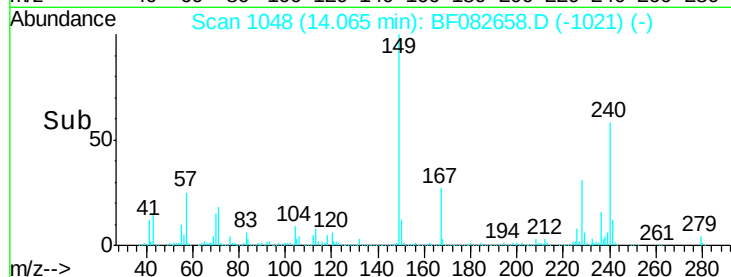
279 3.9 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.80 ng

RT: 14.71 min Scan# 1104

Delta R.T. 0.03 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

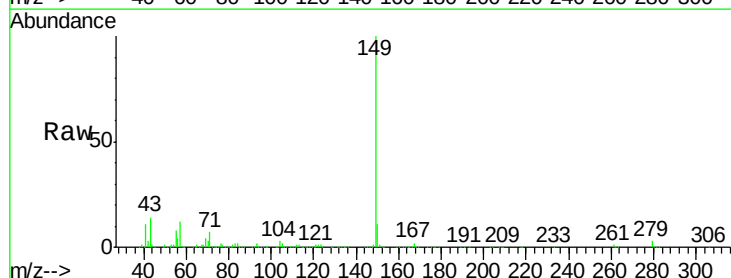
Tgt Ion:149 Resp: 1806204

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

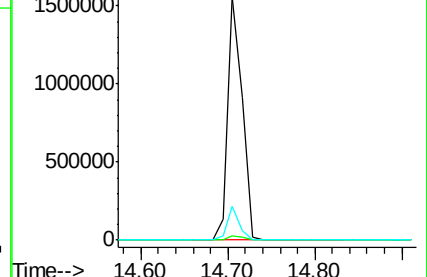
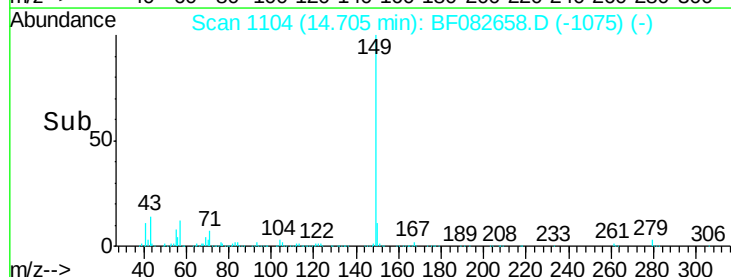
43 11.7 10.1 15.1

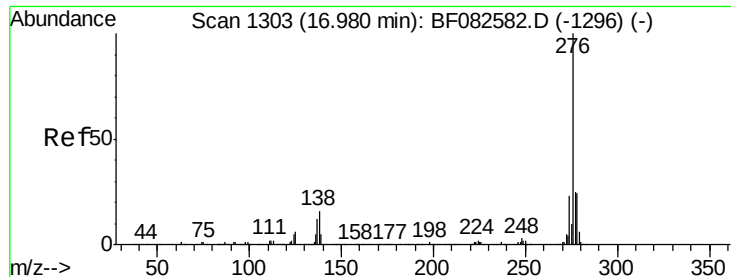


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.88 ng

RT: 16.98 min Scan# 1303

Delta R.T. 0.05 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

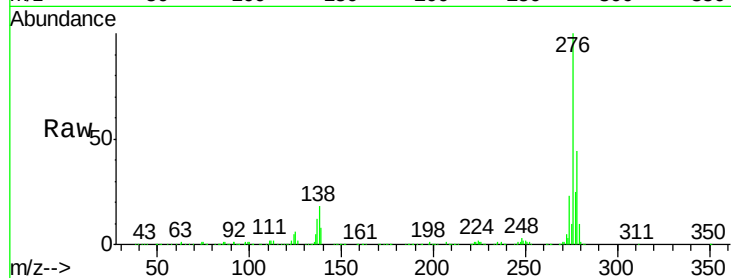
Tgt Ion:276 Resp: 1143099

Ion Ratio Lower Upper

276 100

138 19.8 15.3 22.9

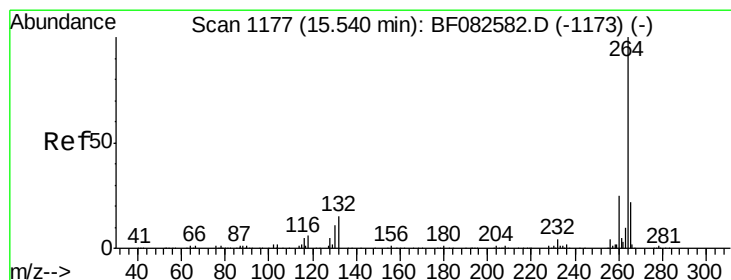
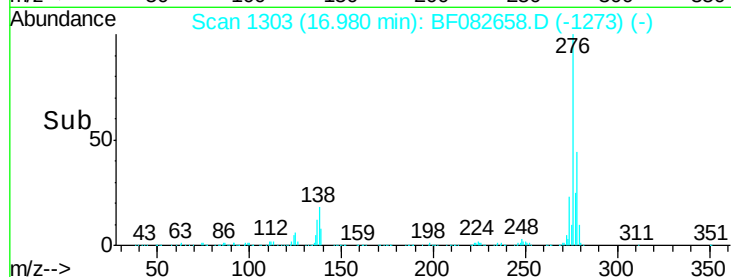
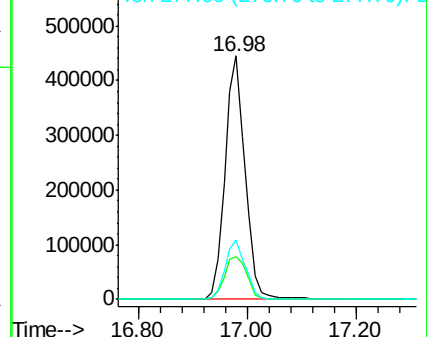
277 24.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.55 min Scan# 1178

Delta R.T. 0.05 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

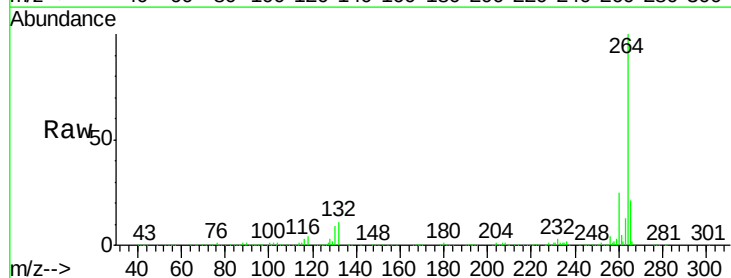
Tgt Ion:264 Resp: 478446

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

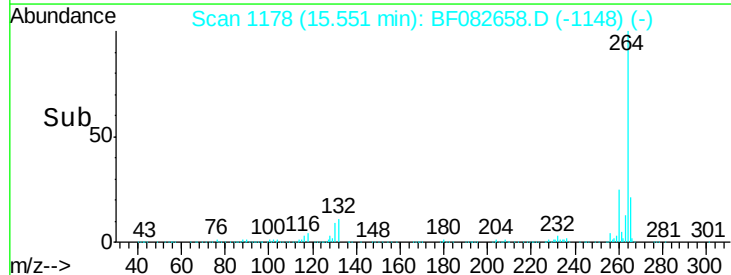
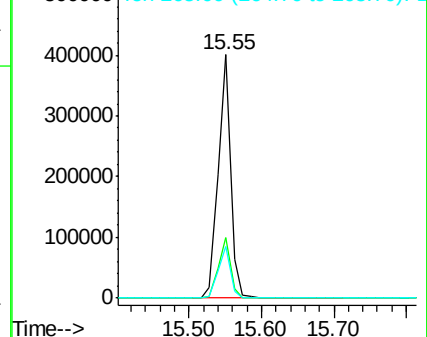
265 21.3 17.4 26.0

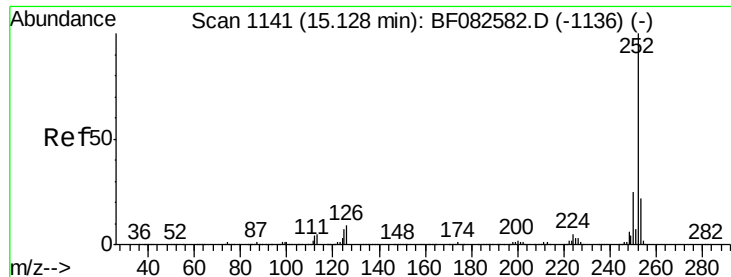


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.81 ng

RT: 15.13 min Scan# 1141

Delta R.T. 0.03 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

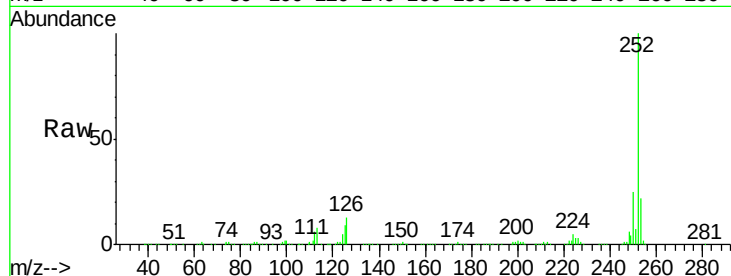
Tgt Ion:252 Resp: 1346455

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

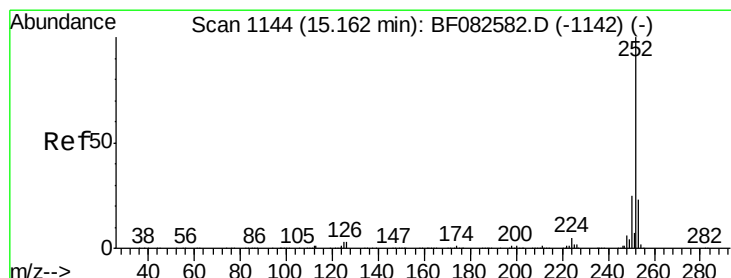
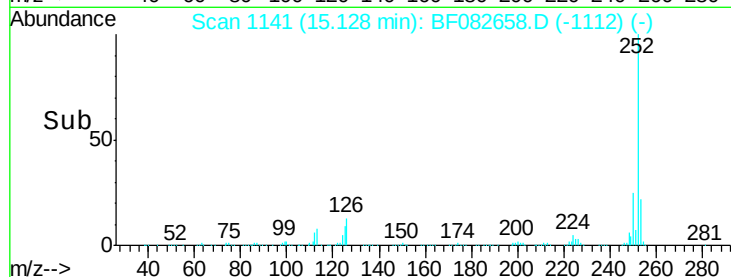
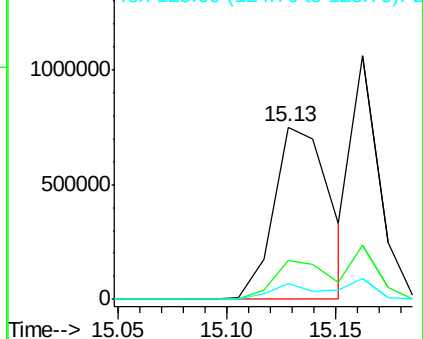
125 9.1 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.57 ng

RT: 15.13 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

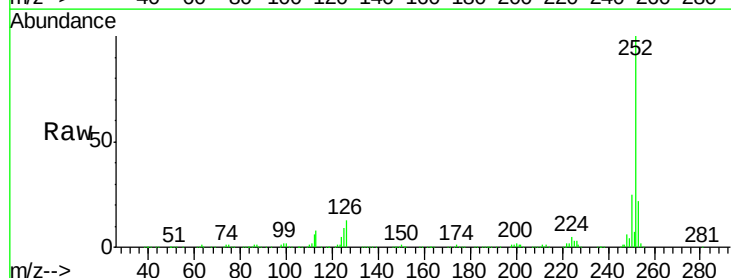
Tgt Ion:252 Resp: 1346455

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

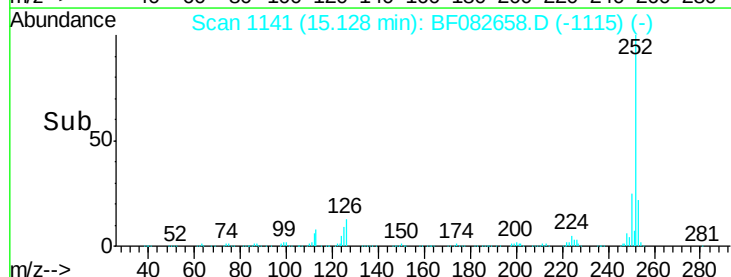
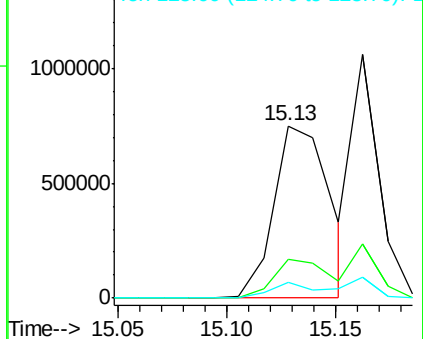
125 9.1 3.5 5.3#

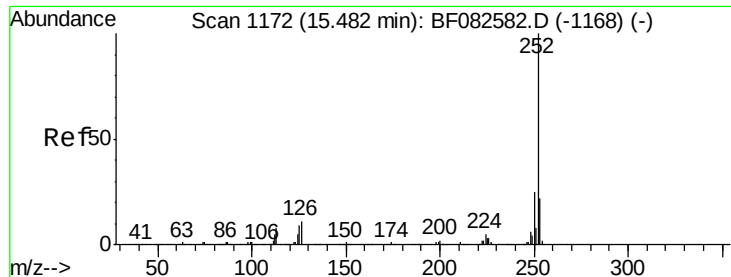


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.39 ng

RT: 15.49 min Scan# 1173

Delta R.T. 0.05 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

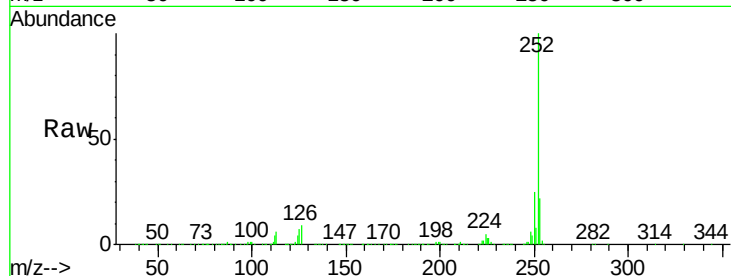
Tgt Ion:252 Resp: 1075277

Ion Ratio Lower Upper

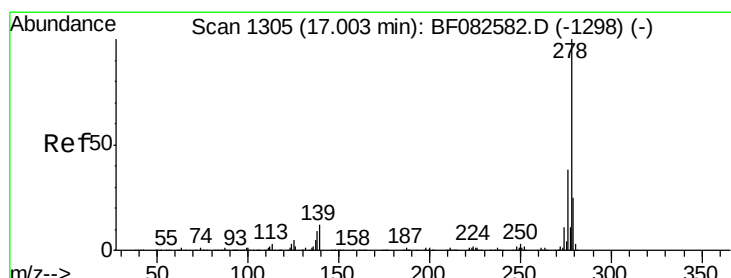
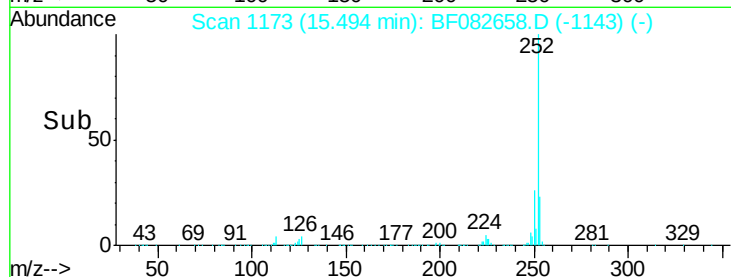
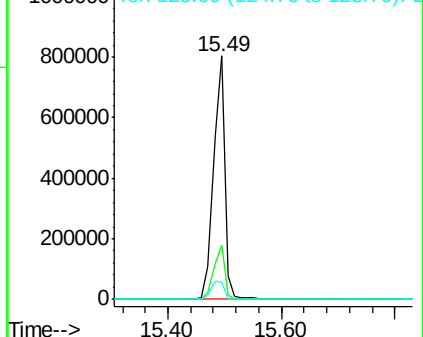
252 100

253 22.4 17.3 25.9

125 7.0 7.1 10.7#



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: 39.78 ng

RT: 17.00 min Scan# 1305

Delta R.T. 0.05 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

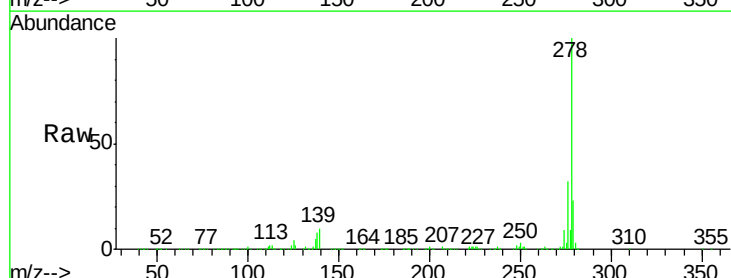
Tgt Ion:278 Resp: 964411

Ion Ratio Lower Upper

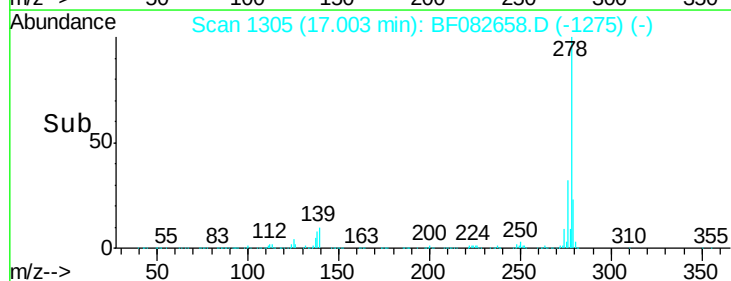
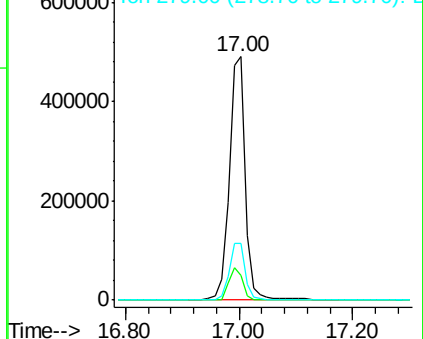
278 100

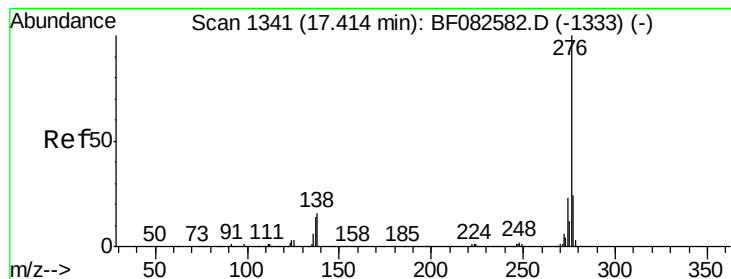
139 10.1 9.9 14.9

279 23.2 19.6 29.4



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: 39.65 ng

RT: 17.40 min Scan# 1340

Delta R.T. 0.05 min

Lab File: BF082658.D

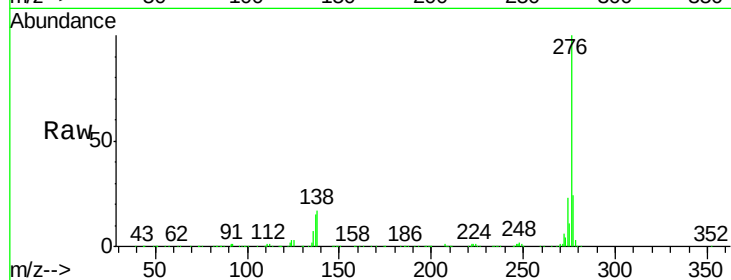
Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS



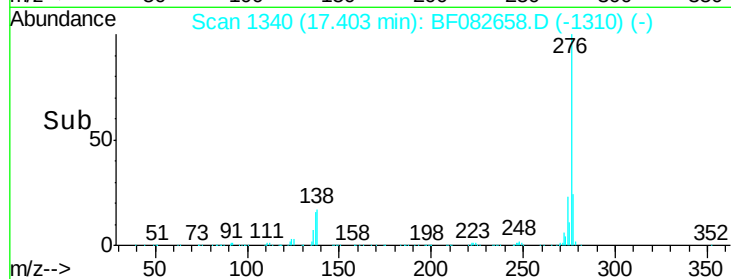
Tgt Ion: 276 Resp: 931609

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 17.5 13.1 19.7



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

