

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081810.D
 Acq On : 25 Sep 2015 18:54
 Operator : UM/IZ
 Sample : G3753-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Quant Time: Sep 25 23:22:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	154250	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	576014	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	277005	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	487519	20.00	ng	0.00
75) Chrysene-d12	14.12	240	330147	20.00	ng	0.00
86) Perylene-d12	15.59	264	350617	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1053016	115.49	ng	0.01
7) Phenol-d6	6.57	99	1236906	107.25	ng	0.00
23) Nitrobenzene-d5	7.52	82	890595	102.01	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	378285	157.30	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1502574	89.04	ng	0.00
78) Terphenyl-d14	13.06	244	1160513	80.30	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	113153	25.07	ng	89
3) Pyridine	3.43	79	43572	3.42	ng	89
4) n-Nitrosodimethylamine	3.35	42	175897	29.28	ng	99
6) Aniline	6.61	93	217358	12.59	ng	92
8) 2-Chlorophenol	6.73	128	373433	37.17	ng	95
9) Benzaldehyde	6.49	77	128124	18.79	ng	# 79
10) Phenol	6.58	94	377445	28.18	ng	# 62
11) bis(2-Chloroethyl)ether	6.69	93	368081	37.47	ng	97
12) 1,3-Dichlorobenzene	6.89	146	398187	33.49	ng	97
13) 1,4-Dichlorobenzene	6.89	146	398187	33.10	ng	97
14) 1,2-Dichlorobenzene	7.12	146	396394	35.42	ng	97
15) Benzyl Alcohol	7.09	79	300746	33.07	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.22	45	546505	32.52	ng	89
17) 2-Methylphenol	7.20	107	306674	36.14	ng	# 89
18) Hexachloroethane	7.46	117	142867	36.47	ng	# 75
19) n-Nitroso-di-n-propylamine	7.36	70	245279	31.90	ng	# 80
20) 3+4-Methylphenols	7.35	107	347947	32.64	ng	# 77
22) Acetophenone	7.36	105	475465	37.64	ng	# 84
24) Nitrobenzene	7.53	77	352689	36.21	ng	# 67
25) Isophorone	7.77	82	706725	36.54	ng	# 90
26) 2-Nitrophenol	7.85	139	204799	57.89	ng	# 81
27) 2,4-Dimethylphenol	7.89	122	363646	41.46	ng	# 84
28) bis(2-Chloroethoxy)methane	7.99	93	453016	40.10	ng	# 94
29) 2,4-Dichlorophenol	8.09	162	338125	41.41	ng	96
30) 1,2,4-Trichlorobenzene	8.17	180	332309	36.26	ng	98
31) Naphthalene	8.25	128	1024277	38.55	ng	97
32) Benzoic acid	7.97	122	101529	59.45	ng	# 66
33) 4-Chloroaniline	8.31	127	184311	15.80	ng	# 97
34) Hexachlorobutadiene	8.37	225	207930	38.47	ng	96
35) Caprolactam	8.67	113	83127	38.10	ng	# 77
36) 4-Chloro-3-methylphenol	8.78	107	292180	35.71	ng	# 80
37) 2-Methylnaphthalene	8.95	142	733541	38.74	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	320605	36.26	ng	99
40) Hexachlorocyclopentadiene	9.10	237	317516	83.80	ng	96

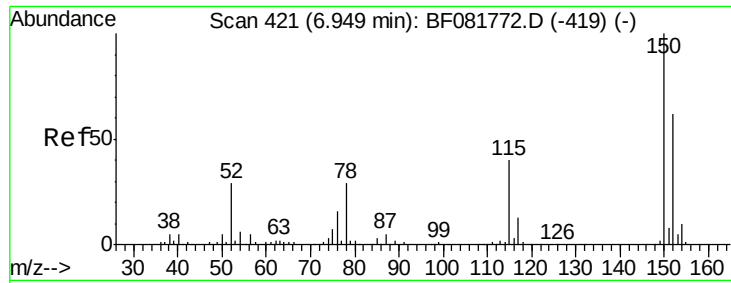
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	253076	43.44	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	229849	40.10	ng #	92
45) 1,1'-Biphenyl	9.42	154	902853	41.68	ng	94
46) 2-Chloronaphthalene	9.44	162	704833	40.45	ng	95
47) 2-Nitroaniline	9.53	65	194425	41.96	ng #	75
48) Acenaphthylene	9.85	152	983892	33.37	ng	95
49) Dimethylphthalate	9.71	163	1026515	48.70	ng #	97
50) 2,6-Dinitrotoluene	9.77	165	171971	42.27	ng #	47
51) Acenaphthene	10.02	154	633947	37.31	ng	88
52) 3-Nitroaniline	9.94	138	136786	31.00	ng #	67
53) 2,4-Dinitrophenol	10.05	184	99317	100.50	ng #	53
54) Dibenzofuran	10.19	168	901677	36.17	ng #	86
55) 4-Nitrophenol	10.10	139	299446	98.40	ng #	80
56) 2,4-Dinitrotoluene	10.18	165	234034	48.05	ng #	83
57) Fluorene	10.54	166	644088	33.67	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	197176	45.07	ng	98
59) Diethylphthalate	10.41	149	762773	37.36	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	345499	39.34	ng	91
61) 4-Nitroaniline	10.56	138	154032	35.93	ng #	58
62) Azobenzene	10.70	77	768263	36.81	ng	92
64) 4,6-Dinitro-2-methylphenol	10.58	198	89638	65.56	ng	80
65) n-Nitrosodiphenylamine	10.65	169	616992	37.53	ng	91
66) 4-Bromophenyl-phenylether	11.03	248	228698	42.13	ng #	81
67) Hexachlorobenzene	11.09	284	251668	44.44	ng #	84
68) Atrazine	11.18	200	193028	39.27	ng	84
69) Pentachlorophenol	11.28	266	267849	85.16	ng	98
70) Phenanthrene	11.51	178	1069524	38.37	ng	97
71) Anthracene	11.55	178	993715	37.00	ng	96
72) Carbazole	11.70	167	892336	35.79	ng	94
73) Di-n-butylphthalate	12.03	149	1144471	37.71	ng #	96
74) Fluoranthene	12.69	202	981036	34.93	ng	93
77) Pyrene	12.93	202	1022225	41.07	ng	96
79) Butylbenzylphthalate	13.54	149	436899	44.04	ng #	88
80) Benzo(a)anthracene	14.10	228	764186	38.17	ng	95
81) 3,3'-Dichlorobenzidine	14.07	252	55674	8.76	ng #	95
82) Chrysene	14.10	228	764186	39.80	ng	96
83) Bis(2-ethylhexyl)phthalate	14.09	149	563005	46.81	ng #	91
84) Di-n-octyl phthalate	14.71	149	944995	53.43	ng #	95
85) Indeno(1,2,3-cd)pyrene	17.06	276	837822	47.67	ng #	87
87) Benzo(b)fluoranthene	15.17	252	882018	42.42	ng #	85
88) Benzo(k)fluoranthene	15.17	252	882018	44.04	ng #	85
89) Benzo(a)pyrene	15.53	252	737329	39.28	ng #	86
90) Dibenzo(a,h)anthracene	17.09	278	670847	34.29	ng #	81
91) Benzo(g,h,i)perylene	17.52	276	679668	33.70	ng #	74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081810.D

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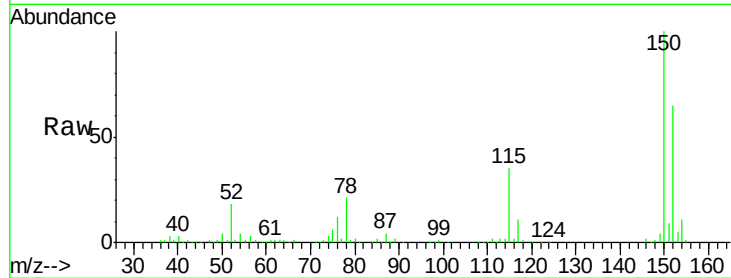
Tgt Ion:152 Resp: 154250

Ion Ratio Lower Upper

152 100

150 154.5 124.7 187.1

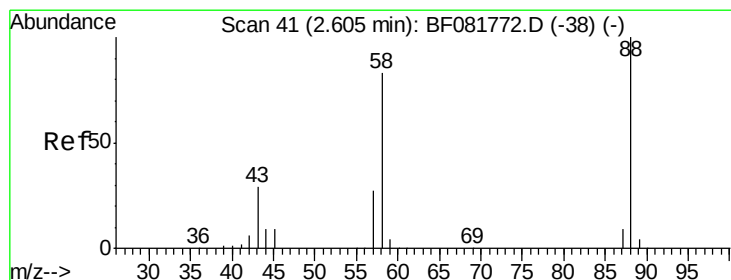
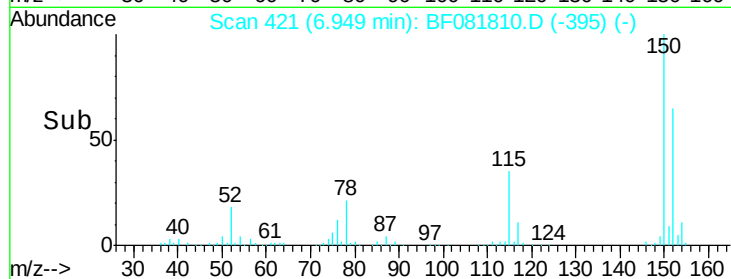
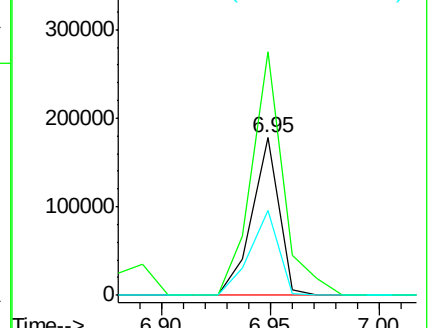
115 54.1 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.07 ng

RT: 2.64 min Scan# 44

Delta R.T. 0.03 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

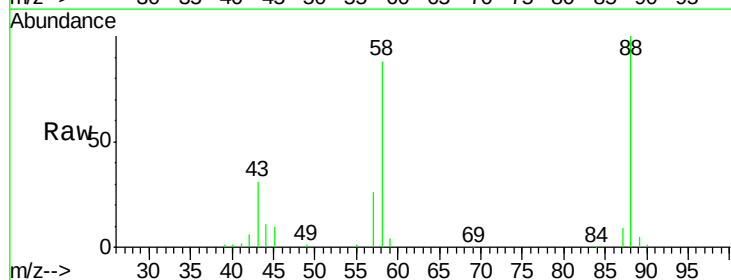
Tgt Ion: 88 Resp: 113153

Ion Ratio Lower Upper

88 100

58 84.6 77.7 116.5

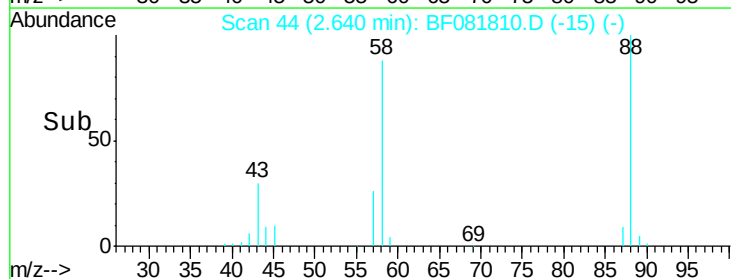
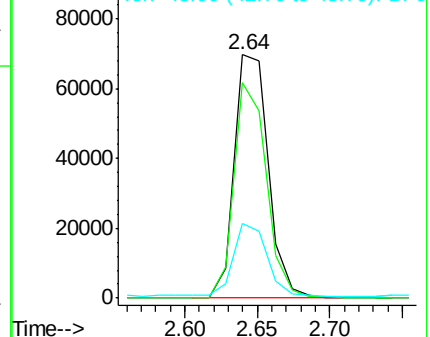
43 30.4 26.6 40.0

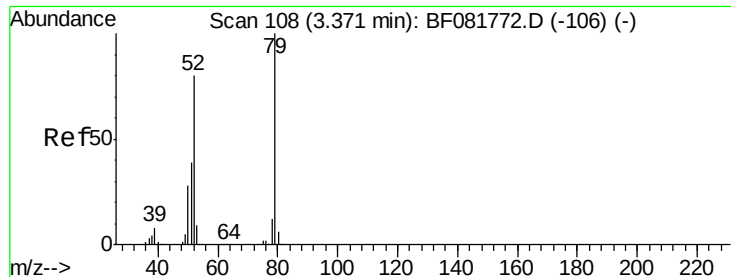


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 3.42 ng

RT: 3.43 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

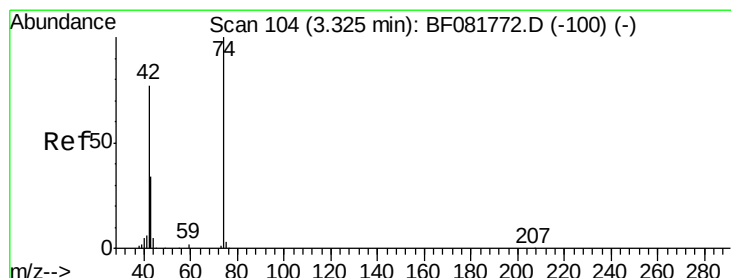
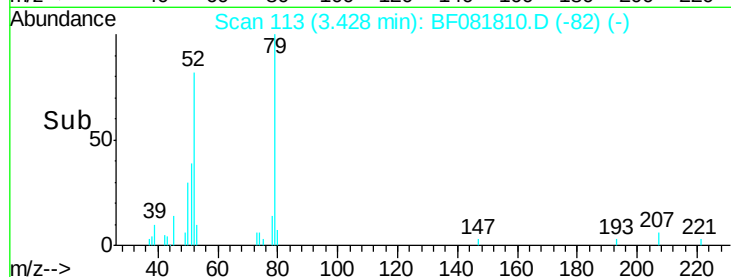
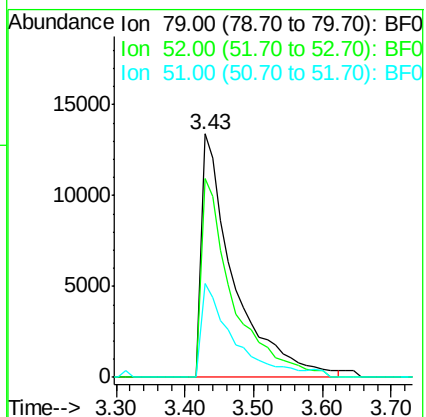
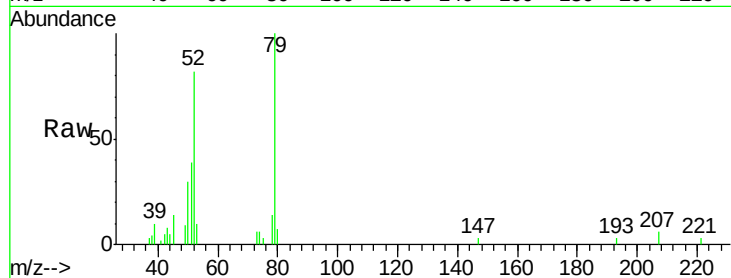
Tgt Ion: 79 Resp: 43572

Ion Ratio Lower Upper

79 100

52 81.7 76.8 115.2

51 38.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 29.28 ng

RT: 3.35 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

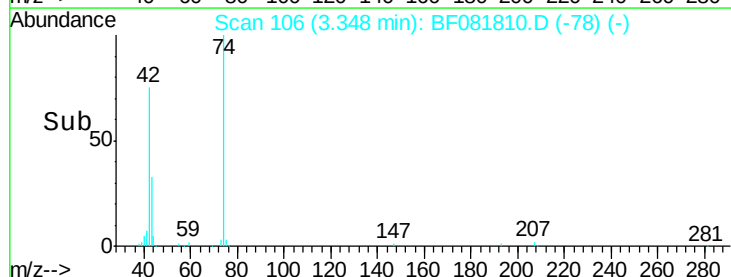
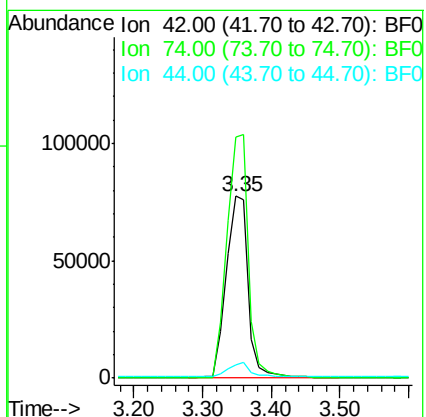
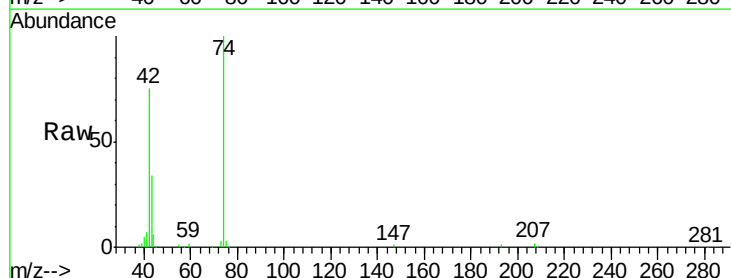
Tgt Ion: 42 Resp: 175897

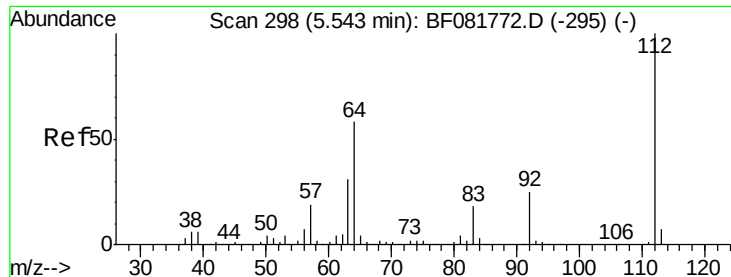
Ion Ratio Lower Upper

42 100

74 132.8 105.0 157.6

44 7.6 6.6 10.0





#5

2-Fluorophenol

Concen: 115.49 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

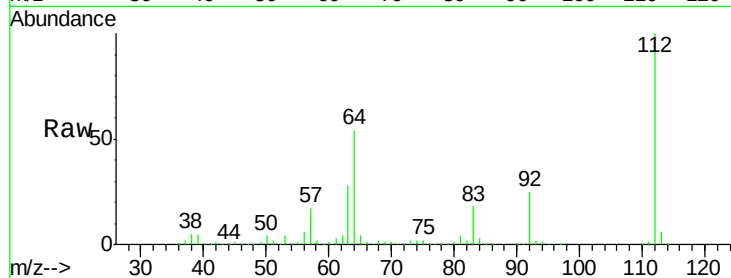
Tgt Ion: 112 Resp: 1053016

Ion Ratio Lower Upper

112 100

64 54.0 39.7 59.5

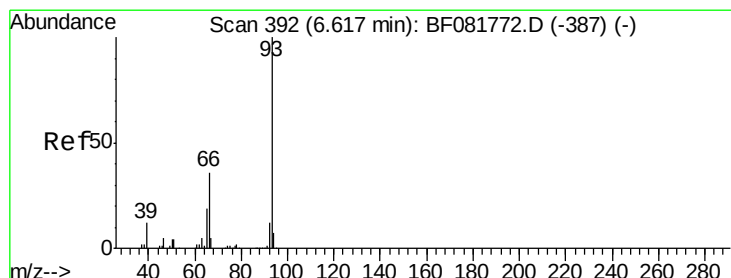
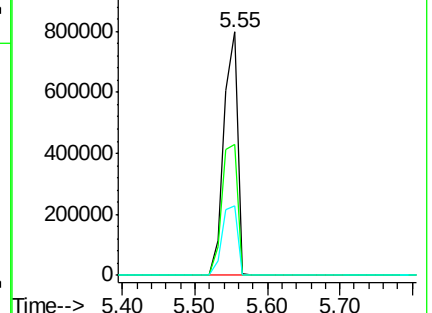
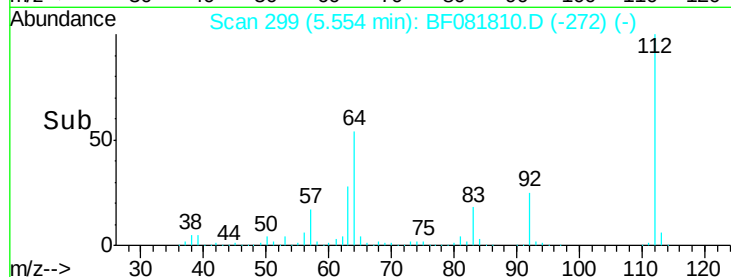
63 28.3 17.4 26.0#



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: 12.59 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

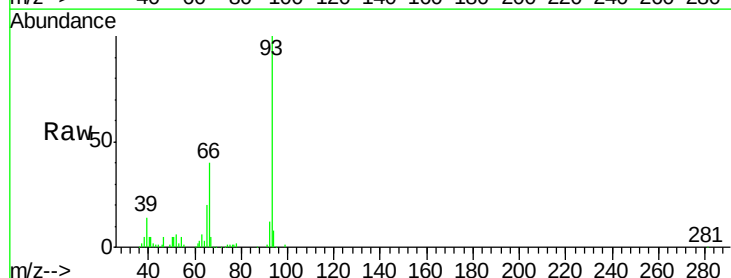
Tgt Ion: 93 Resp: 217358

Ion Ratio Lower Upper

93 100

66 40.0 27.2 40.8

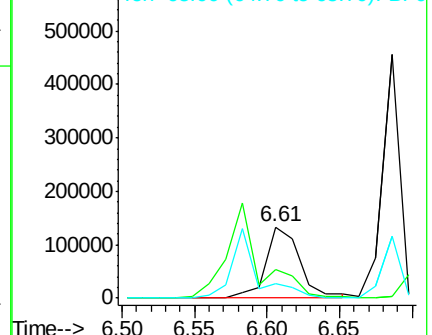
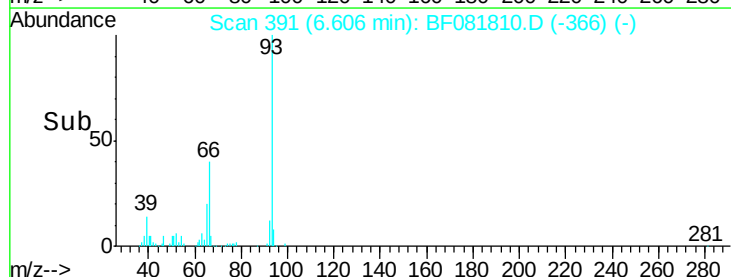
65 20.2 14.7 22.1

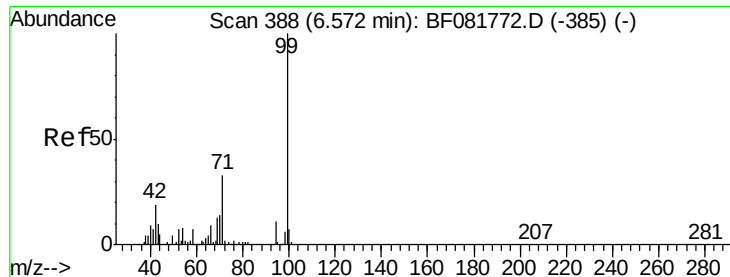


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.25 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

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ClientSampleId :

SP-1MS

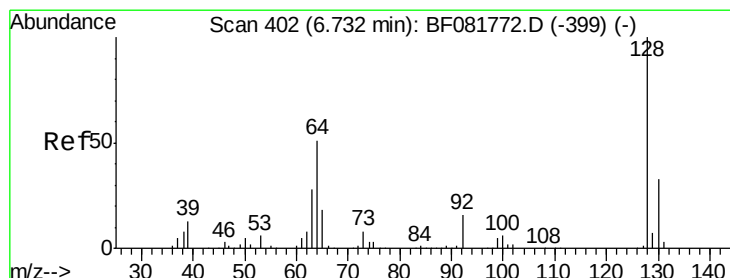
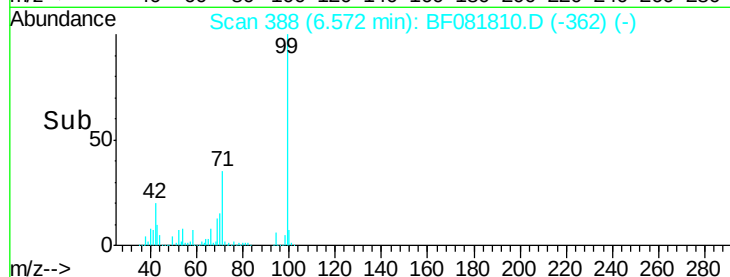
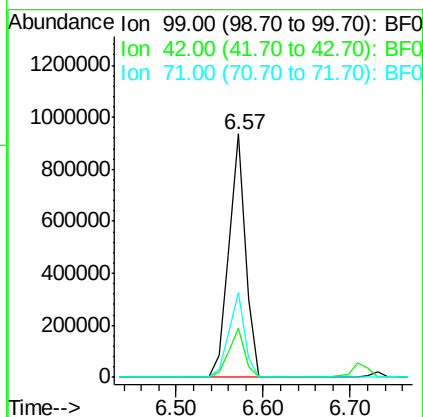
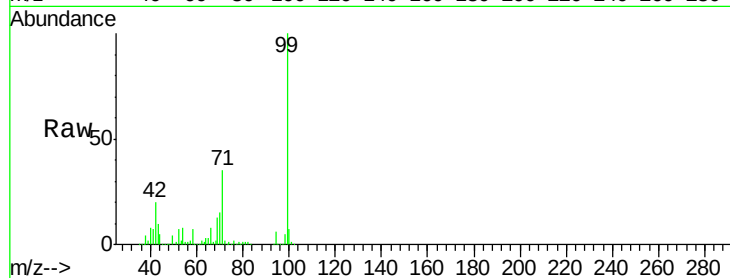
Tgt Ion: 99 Resp: 1236906

Ion Ratio Lower Upper

99 100

42 20.1 13.7 20.5

71 35.0 14.2 21.2#



#8

2-Chlorophenol

Concen: 37.17 ng

RT: 6.73 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

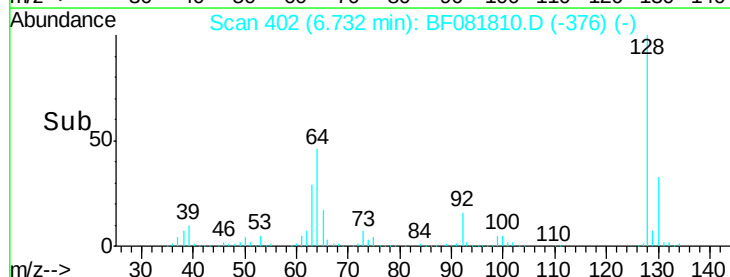
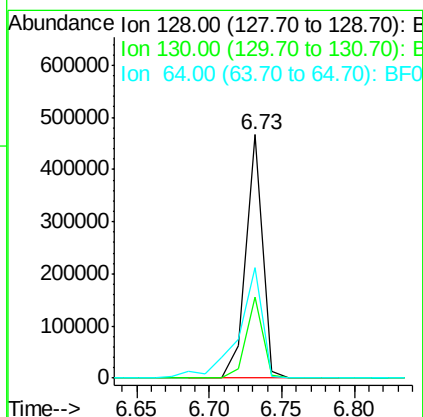
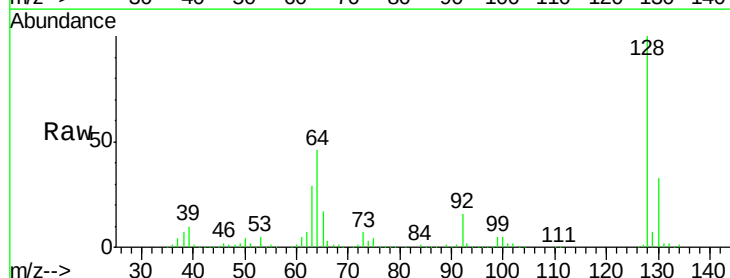
Tgt Ion: 128 Resp: 373433

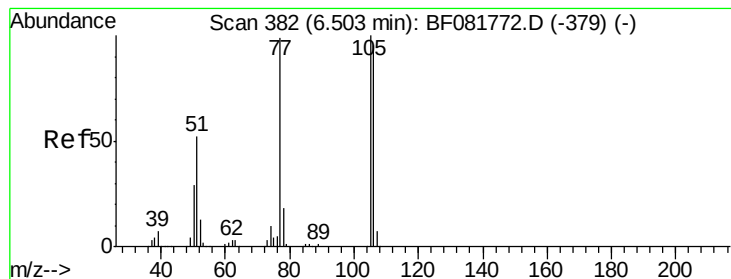
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 45.6 20.5 60.5





#9

Benzaldehyde

Concen: 18.79 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

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ClientSampleId :

SP-1MS

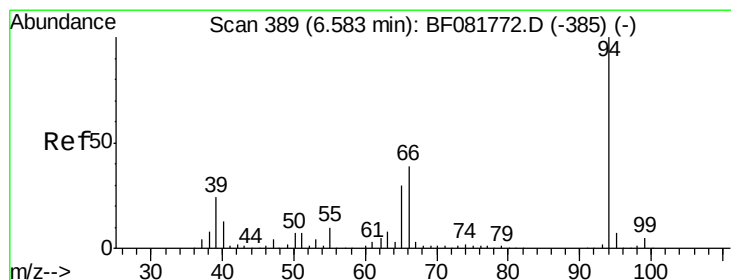
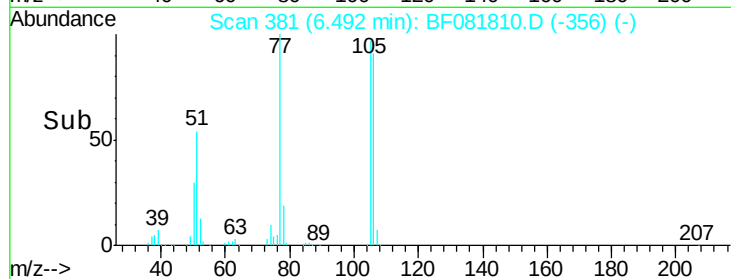
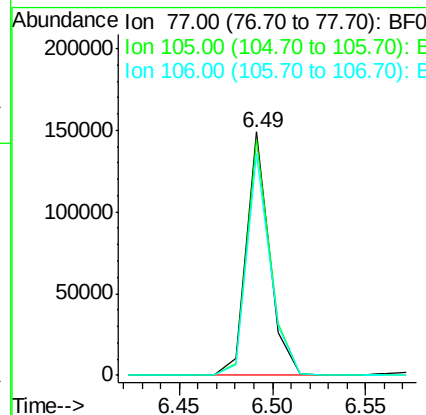
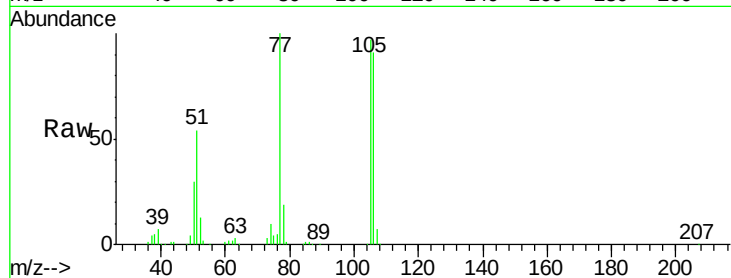
Tgt Ion: 77 Resp: 128124

Ion Ratio Lower Upper

77 100

105 97.0 91.6 131.6

106 91.2 102.6 142.6#



#10

Phenol

Concen: 28.18 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

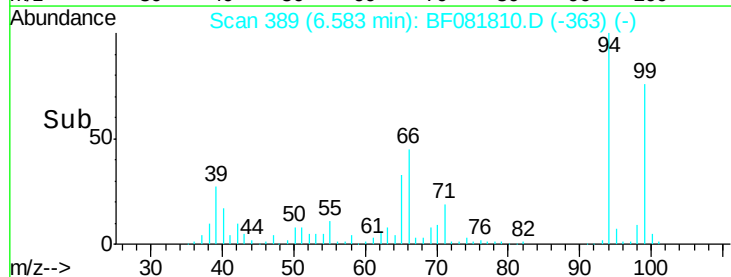
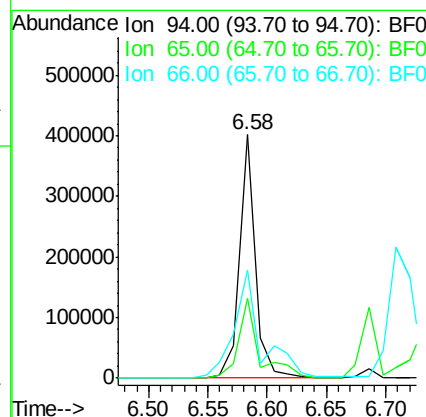
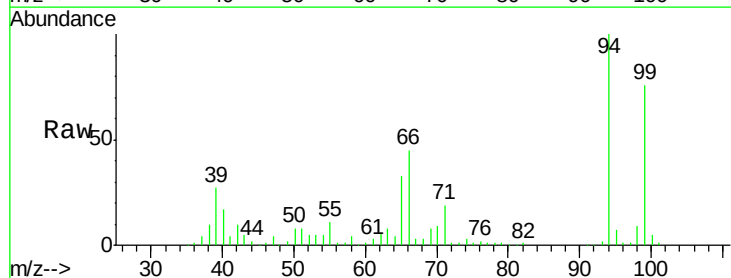
Tgt Ion: 94 Resp: 377445

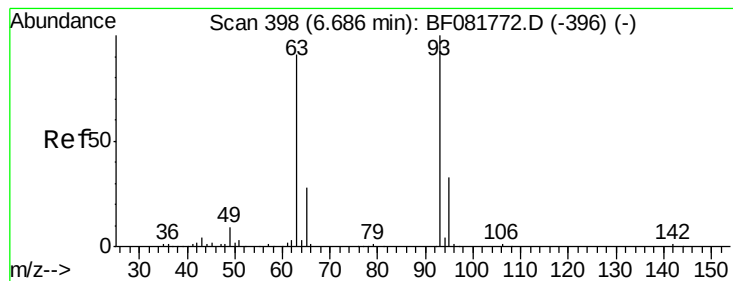
Ion Ratio Lower Upper

94 100

65 32.6 0.7 40.7

66 44.6 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 37.47 ng

RT: 6.69 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

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BNA_F

ClientSampleId :

SP-1MS

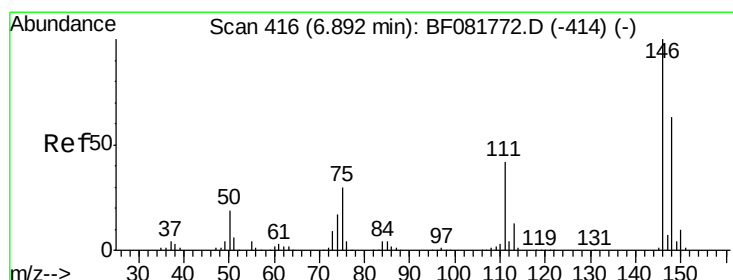
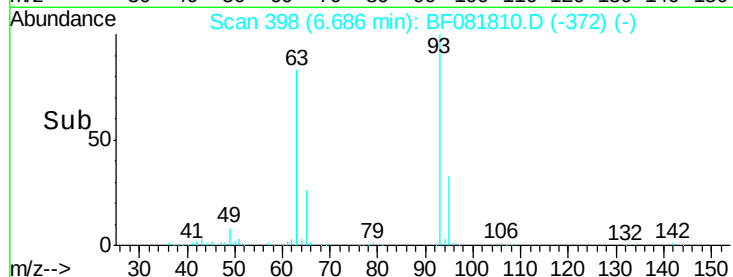
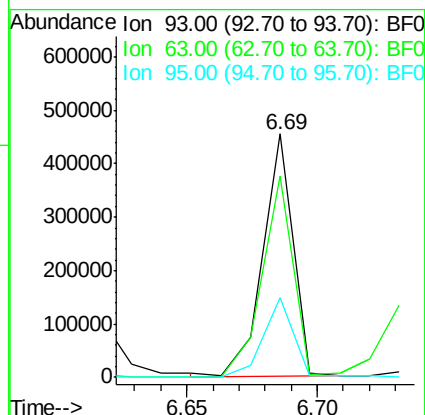
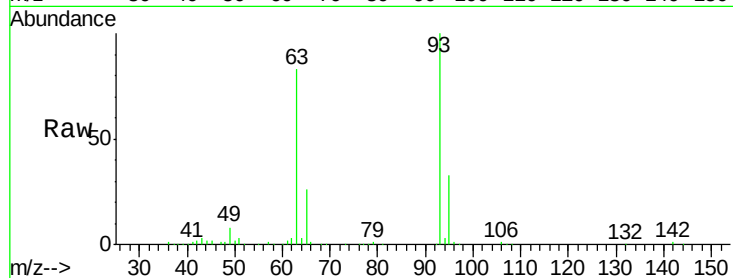
Tgt Ion: 93 Resp: 368081

Ion Ratio Lower Upper

93 100

63 82.9 65.6 105.6

95 32.7 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 33.49 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

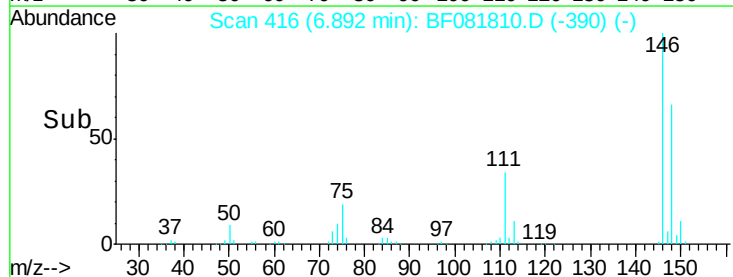
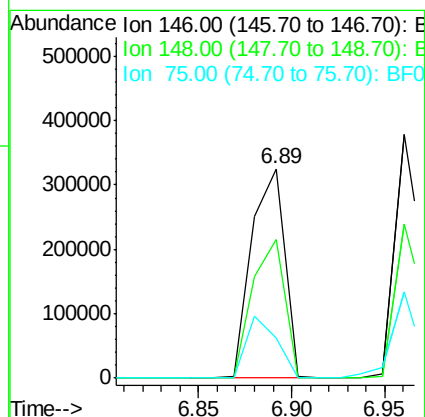
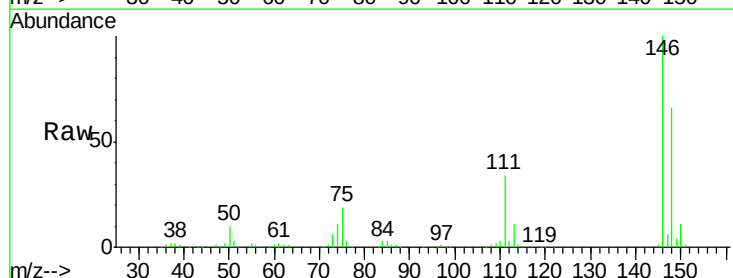
Tgt Ion: 146 Resp: 398187

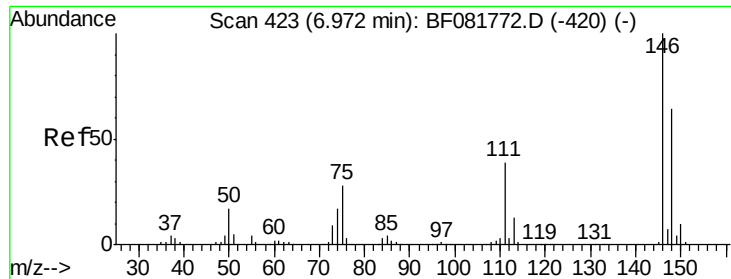
Ion Ratio Lower Upper

146 100

148 66.4 51.0 76.4

75 19.4 15.0 22.6

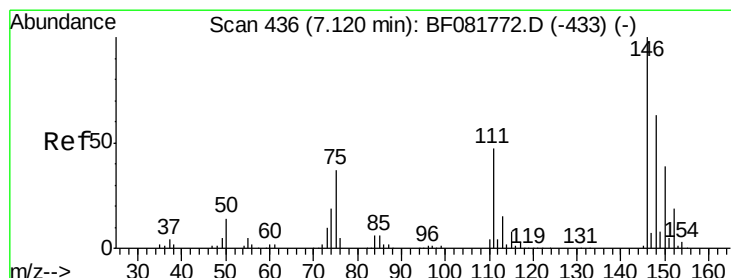
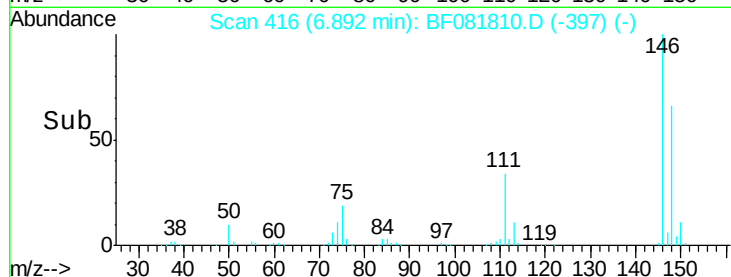
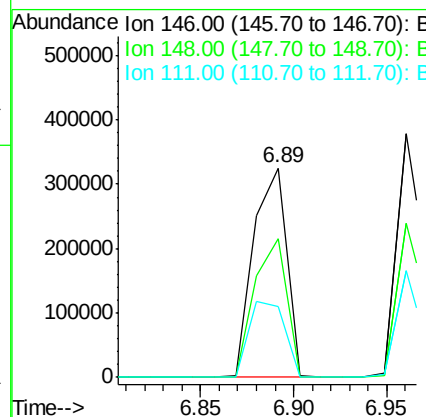
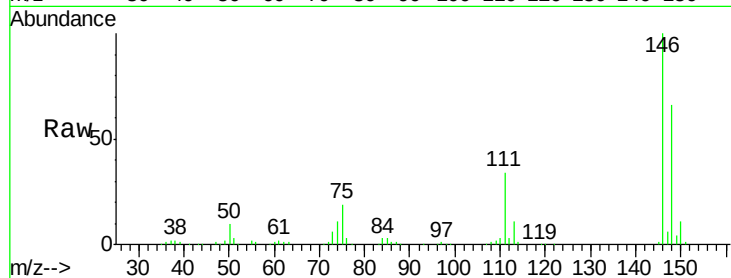




#13
 1,4-Dichlorobenzene
 Concen: 33.10 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.08 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

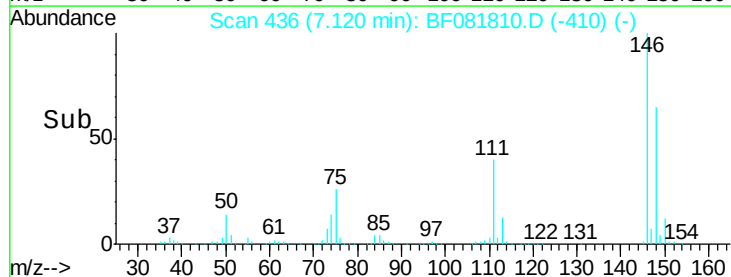
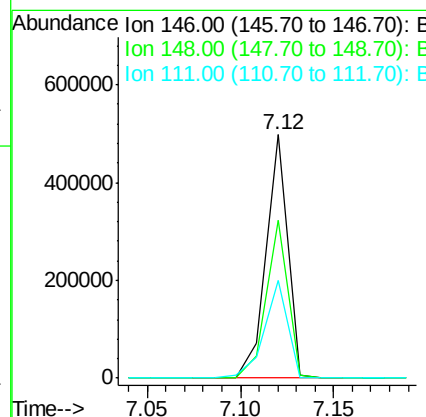
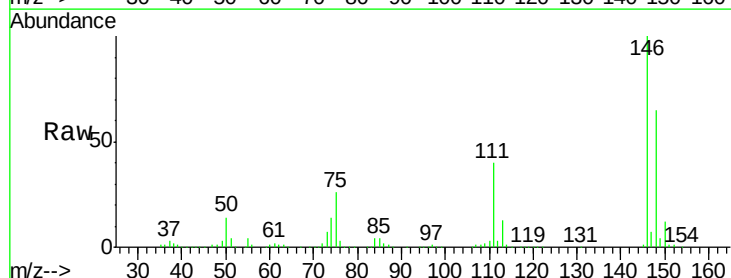
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

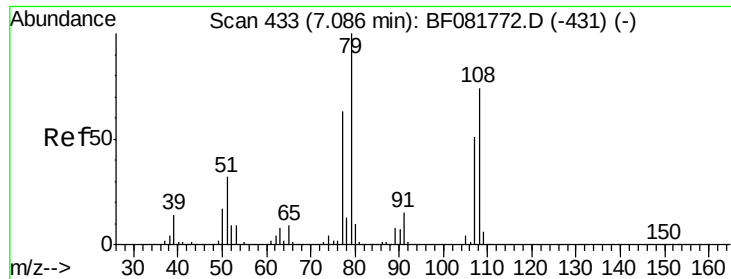
Tgt Ion:146 Resp: 398187
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.8 77.6
 111 33.8 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 35.42 ng
 RT: 7.12 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

Tgt Ion:146 Resp: 396394
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.7 79.1
 111 40.0 28.8 43.2





#15

Benzyl Alcohol

Concen: 33.07 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

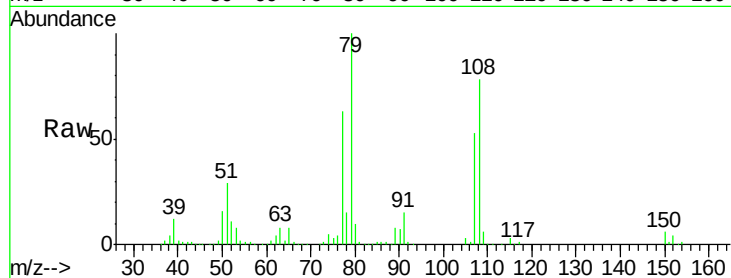
Tgt Ion: 79 Resp: 300746

Ion Ratio Lower Upper

79 100

108 77.6 88.6 132.8#

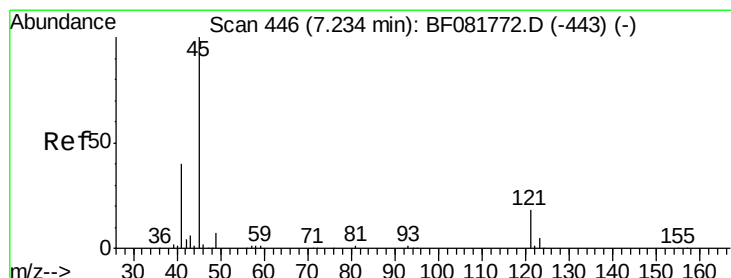
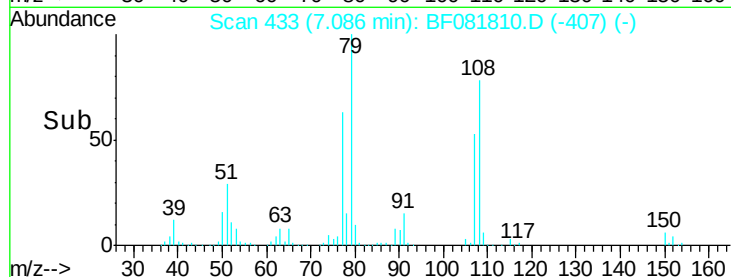
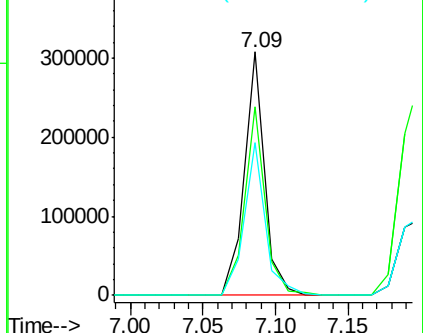
77 62.9 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.52 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

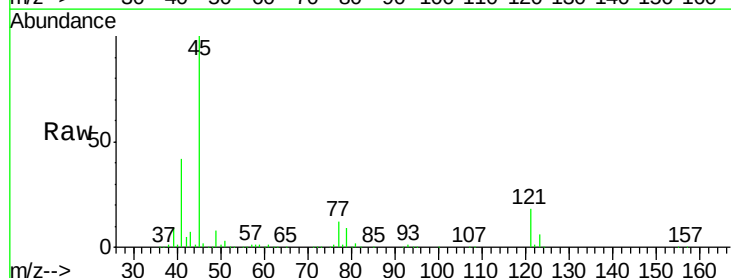
Tgt Ion: 45 Resp: 546505

Ion Ratio Lower Upper

45 100

77 12.2 0.0 28.1

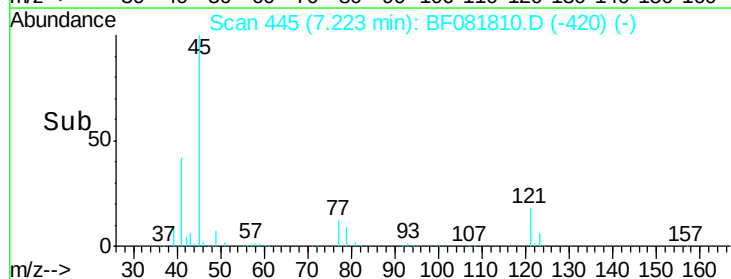
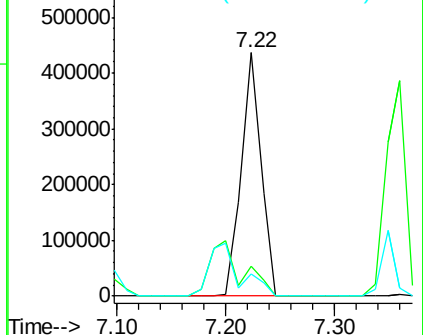
79 9.2 0.0 26.0

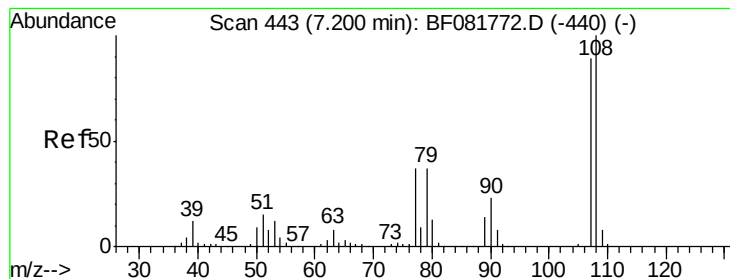


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.14 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tgt Ion:107 Resp: 306674

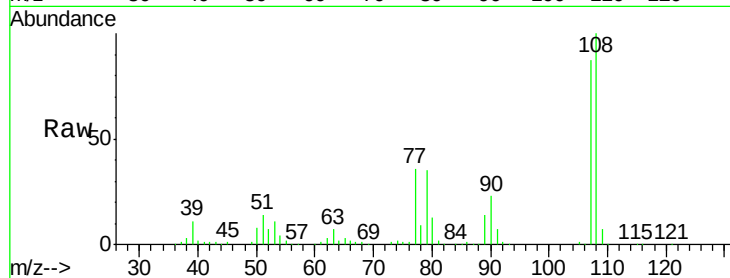
Ion Ratio Lower Upper

107 100

108 114.6 96.6 145.0

77 41.3 23.3 34.9#

79 39.9 22.0 33.0#



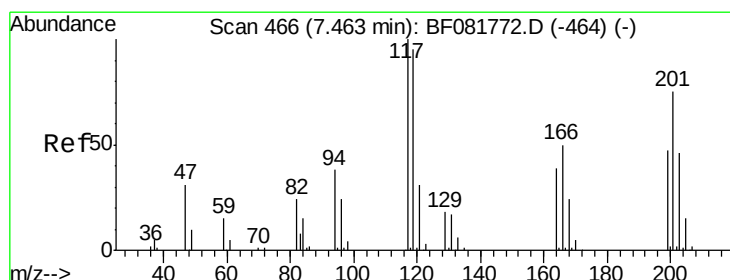
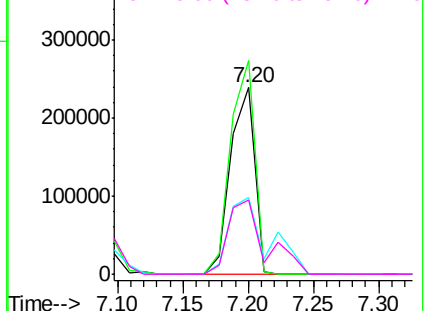
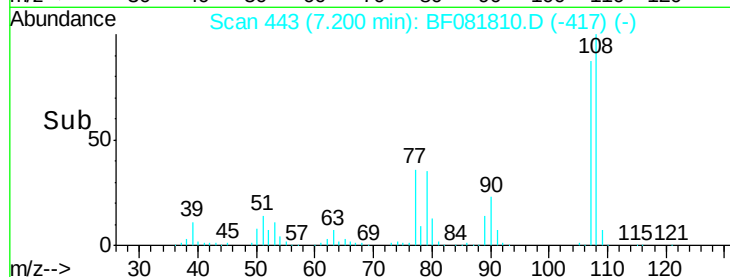
Abundance

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: 36.47 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

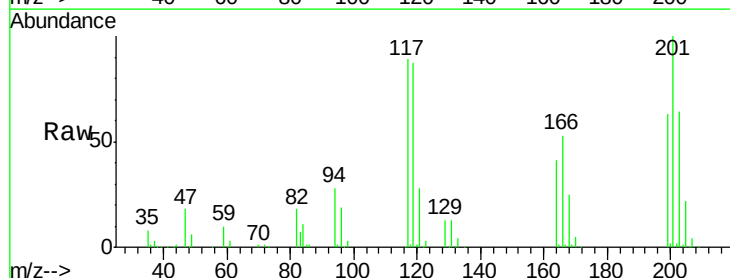
Tgt Ion:117 Resp: 142867

Ion Ratio Lower Upper

117 100

119 97.8 83.8 125.6

201 111.8 55.1 82.7#

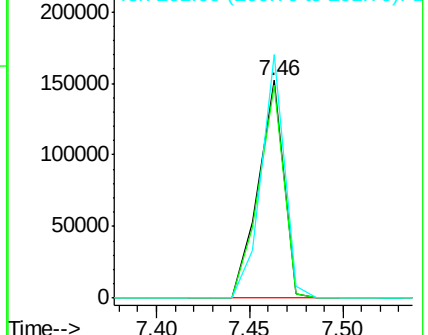
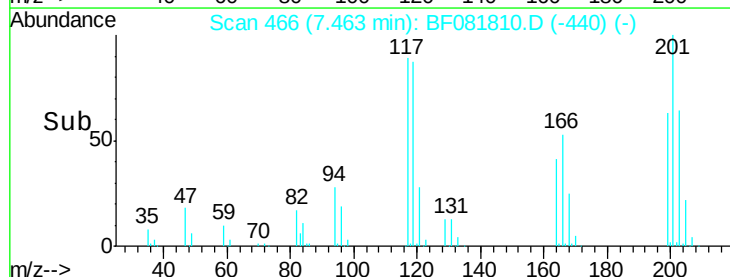


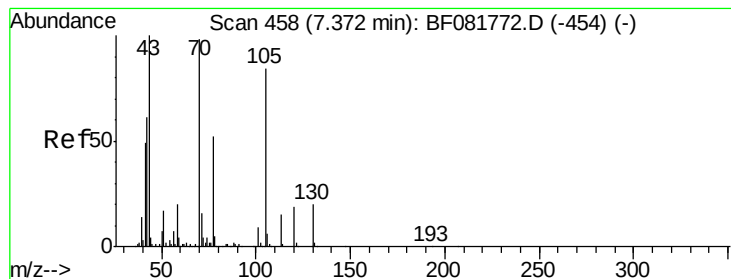
Abundance

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: 31.90 ng

RT: 7.36 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tgt Ion: 70 Resp: 245279

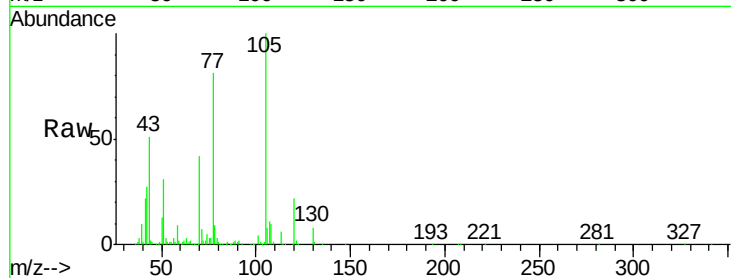
Ion Ratio Lower Upper

70 100

42 64.2 63.8 95.6

101 8.7 9.2 13.8#

130 18.0 27.3 40.9#

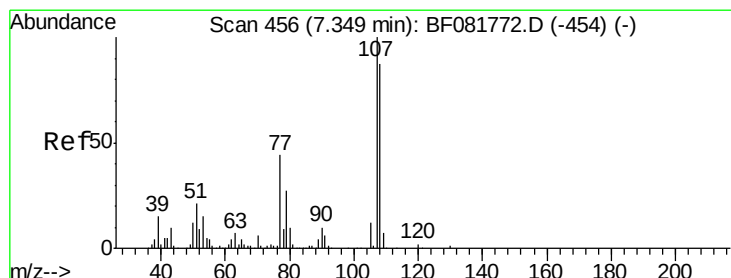
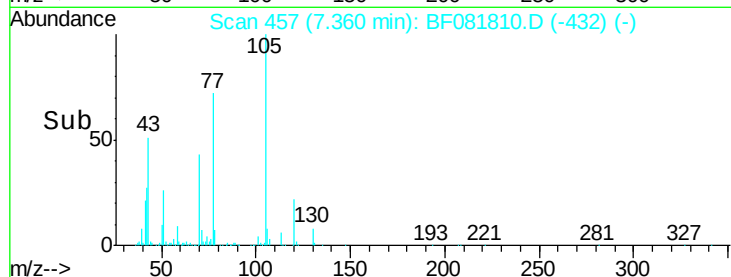
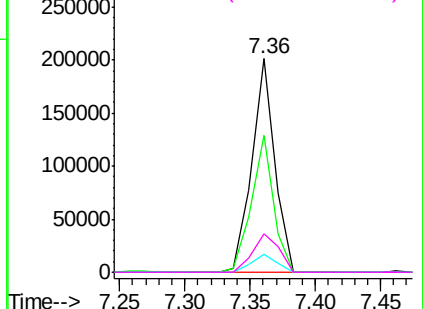


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 32.64 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Tgt Ion: 107 Resp: 347947

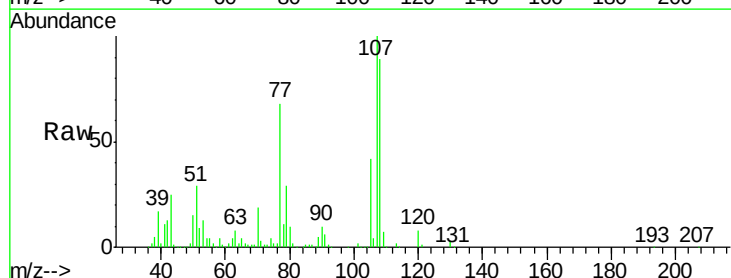
Ion Ratio Lower Upper

107 100

108 88.8 74.6 114.6

77 67.6 0.7 40.7#

79 28.7 0.0 38.9

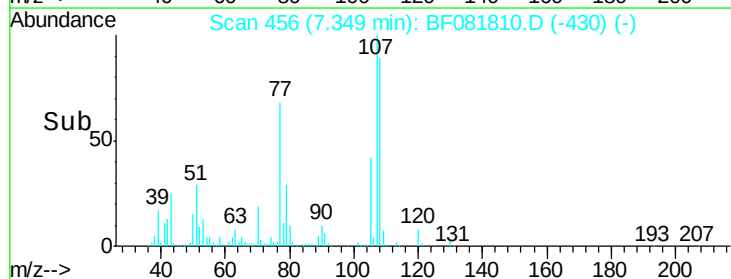
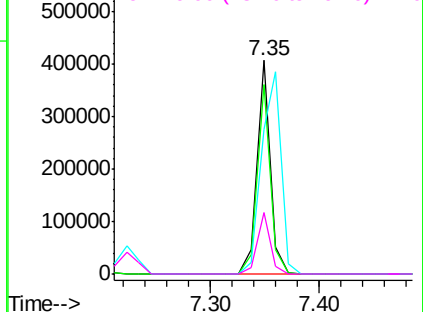


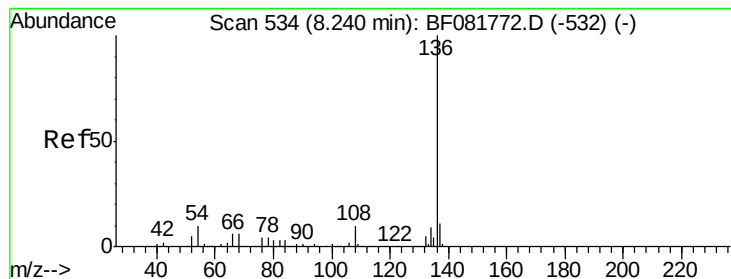
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tgt Ion:136 Resp: 576014

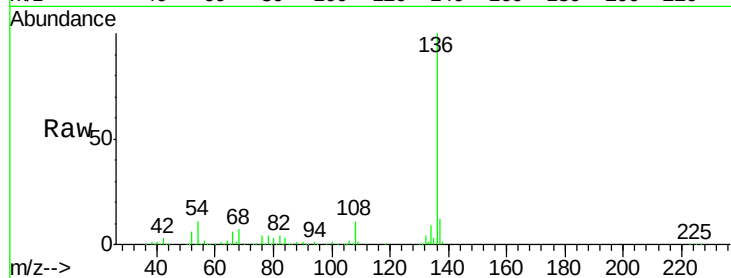
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 10.9 8.2 12.2

68 6.9 5.8 8.6

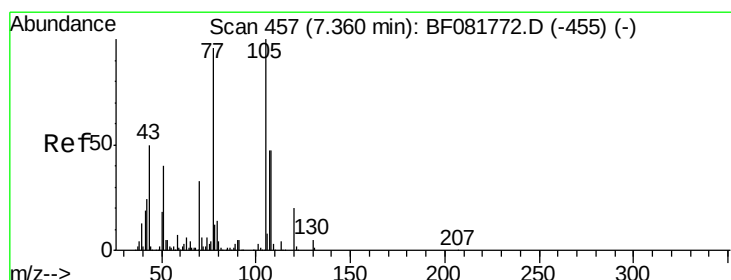
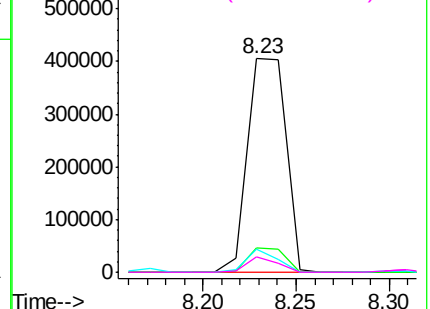
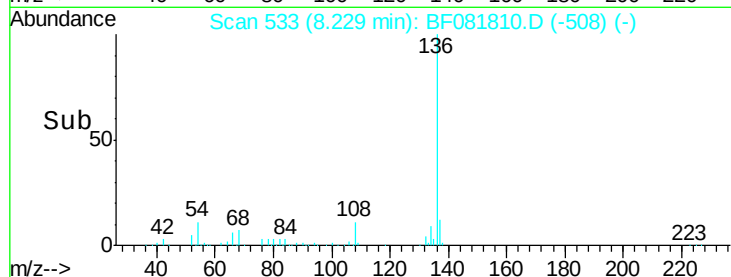


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.64 ng

RT: 7.36 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Tgt Ion:105 Resp: 475465

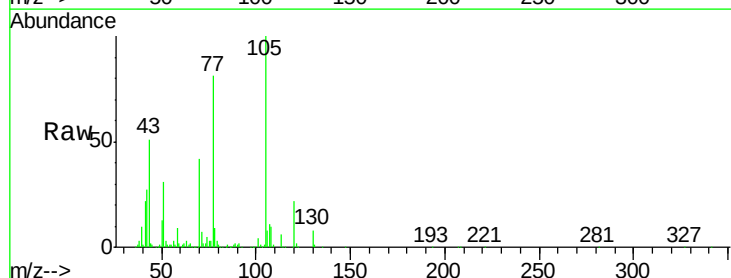
Ion Ratio Lower Upper

105 100

71 6.9 4.7 7.1

51 30.8 22.0 33.0

120 22.0 30.1 45.1#

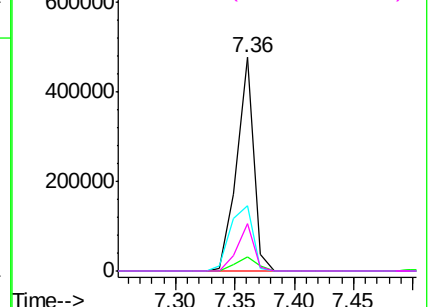
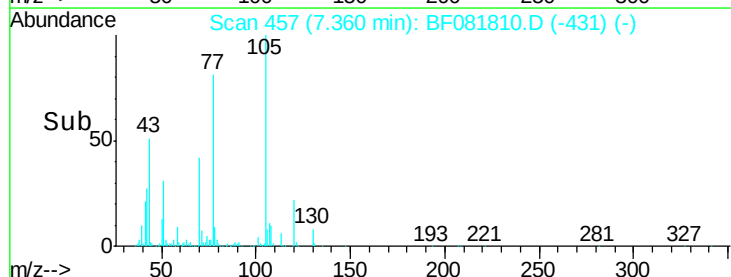


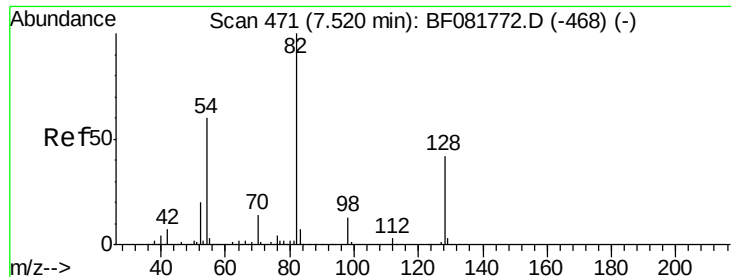
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

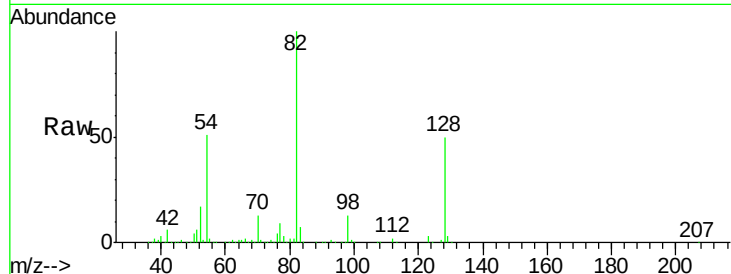




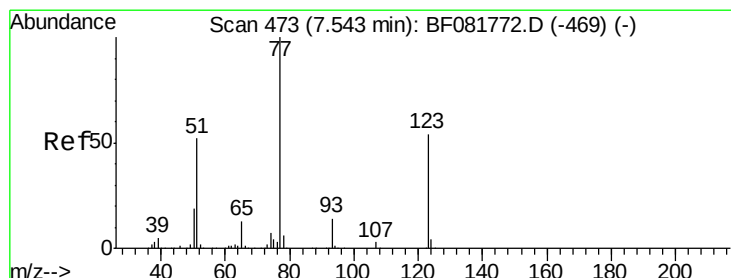
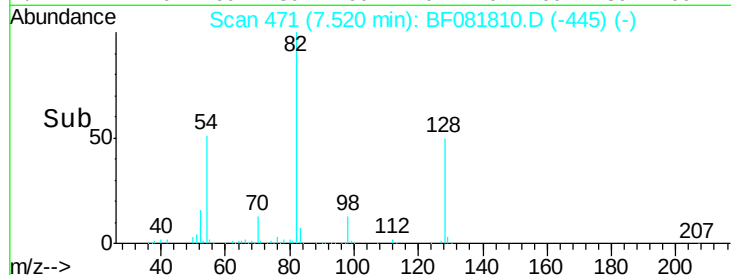
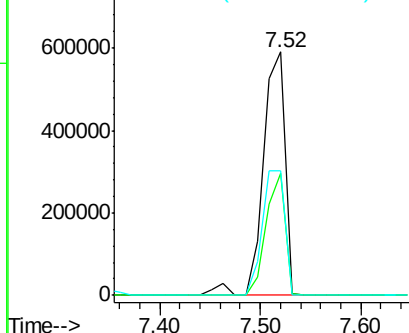
#23
 Nitrobenzene-d5
 Concen: 102.01 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.1	51.0	76.6#
54	51.1	47.5	71.3

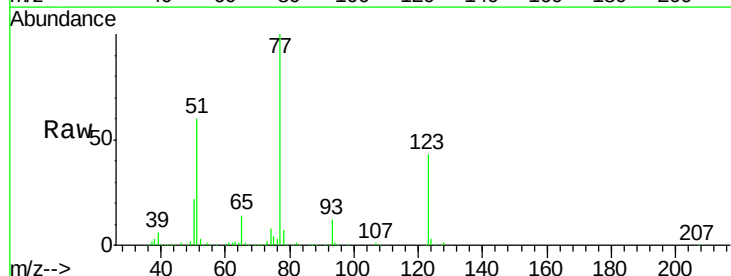


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

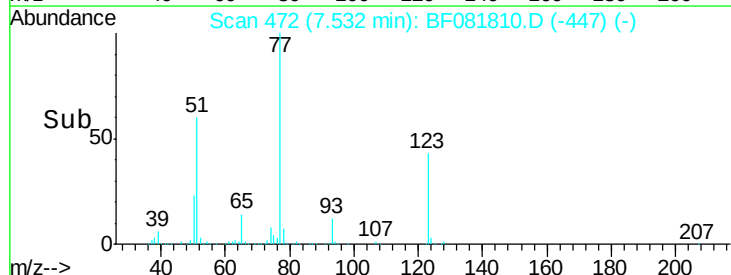
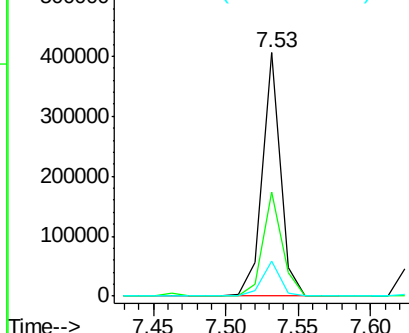


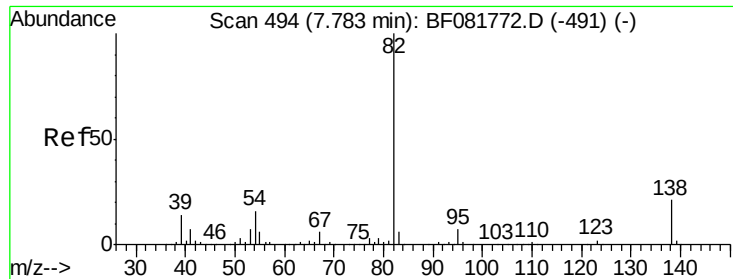
#24
 Nitrobenzene
 Concen: 36.21 ng
 RT: 7.53 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	59.8	89.8#
65	14.2	10.2	15.4



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: 36.54 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

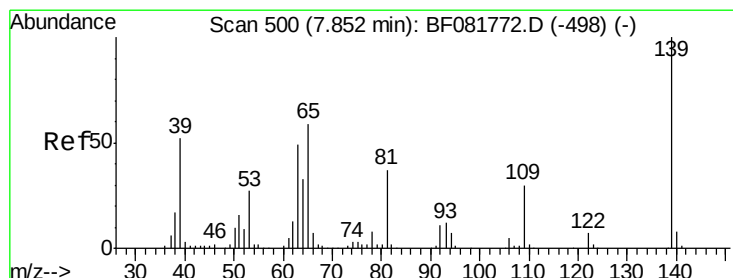
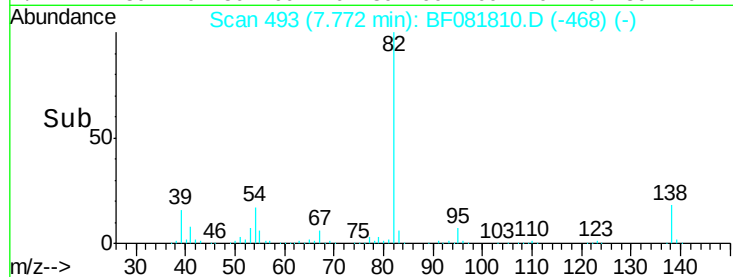
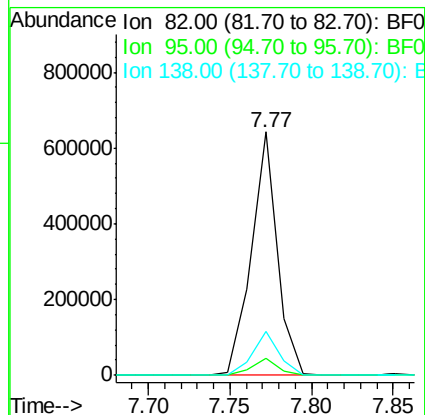
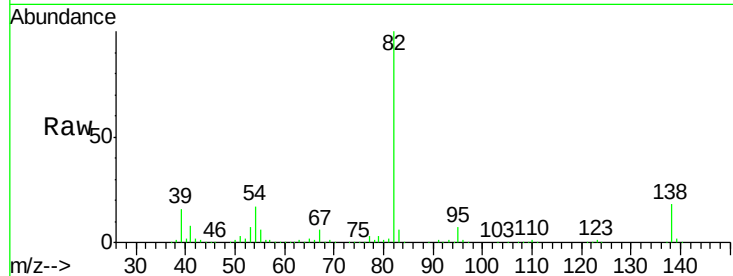
Tgt Ion: 82 Resp: 706725

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

138 17.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 57.89 ng

RT: 7.85 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

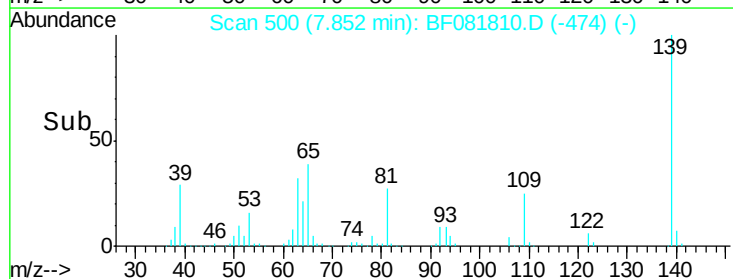
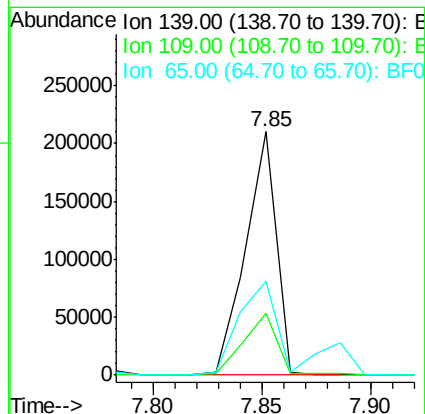
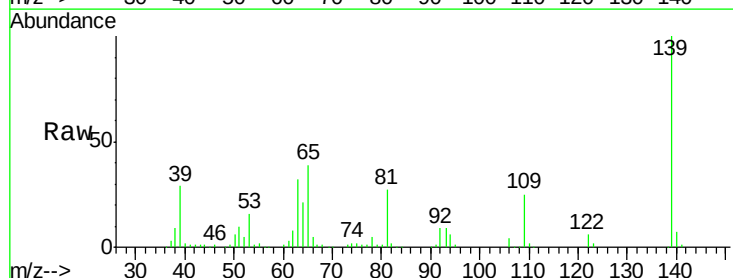
Tgt Ion: 139 Resp: 204799

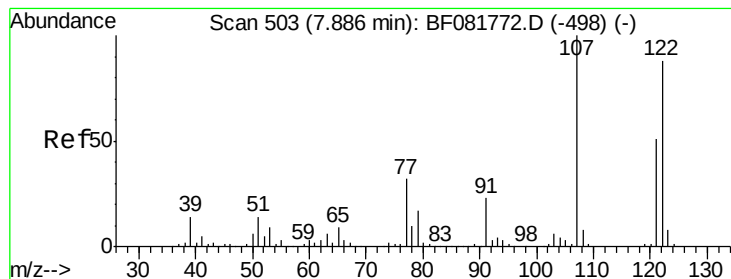
Ion Ratio Lower Upper

139 100

109 25.5 11.0 16.4#

65 38.7 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 41.46 ng

RT: 7.89 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

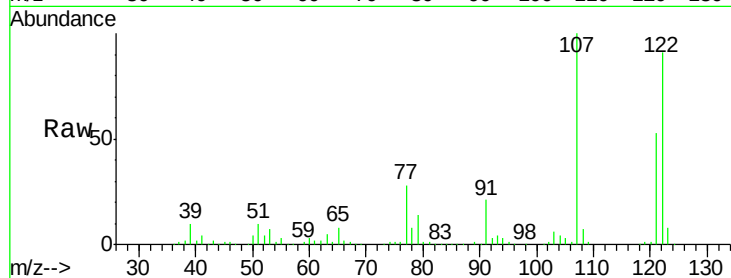
Tgt Ion:122 Resp: 363646

Ion Ratio Lower Upper

122 100

107 109.7 71.8 107.6#

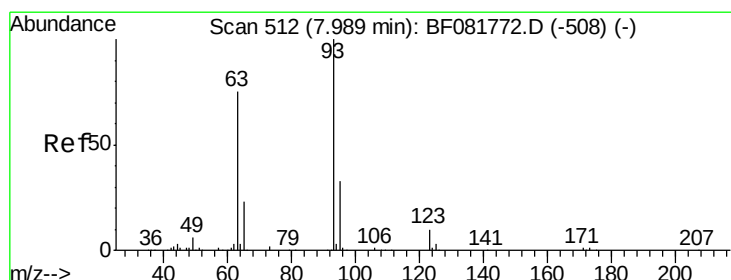
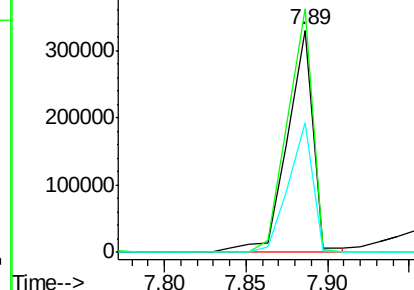
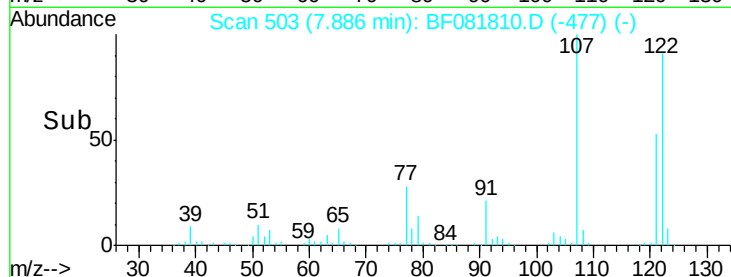
121 58.6 42.3 63.5



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: 40.10 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

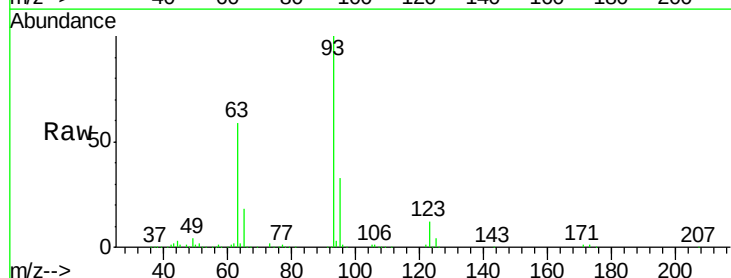
Tgt Ion: 93 Resp: 453016

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

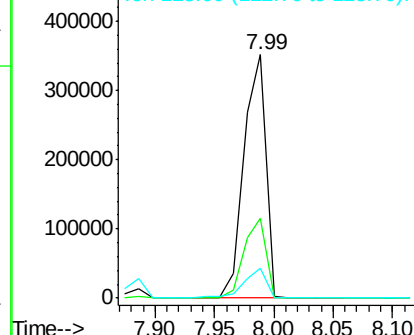
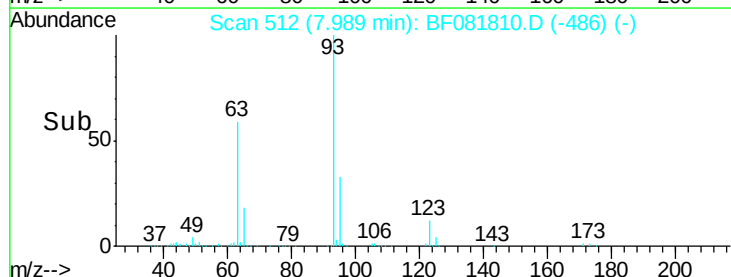
123 12.1 13.7 20.5#

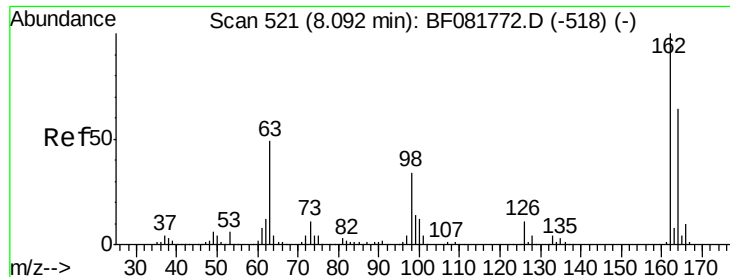


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

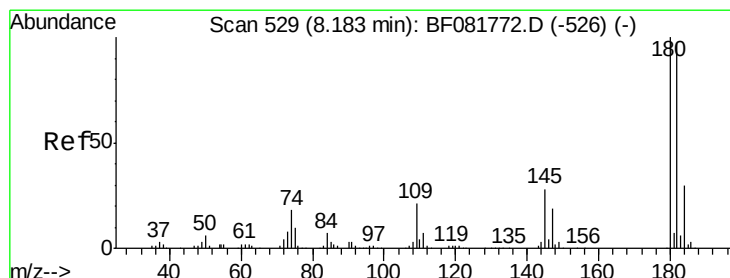
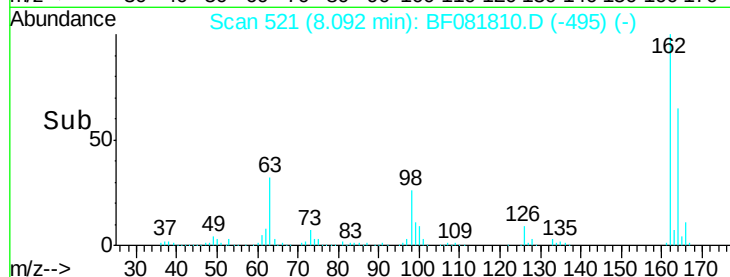
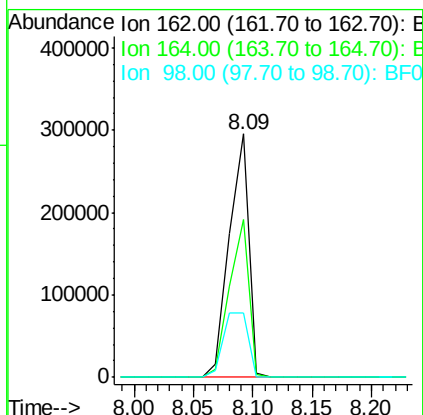
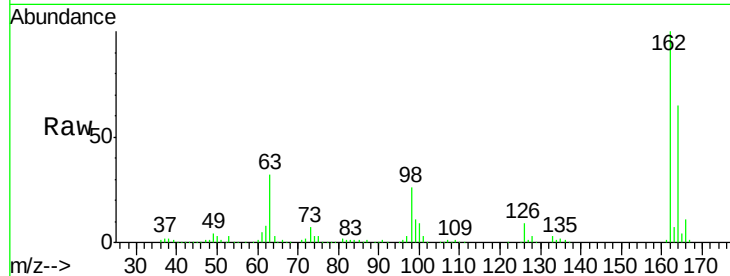




#29
2,4-Dichlorophenol
Concen: 41.41 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

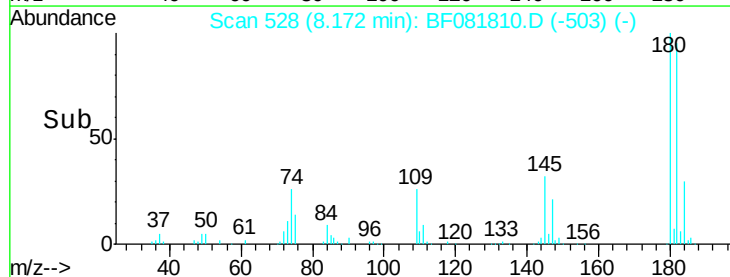
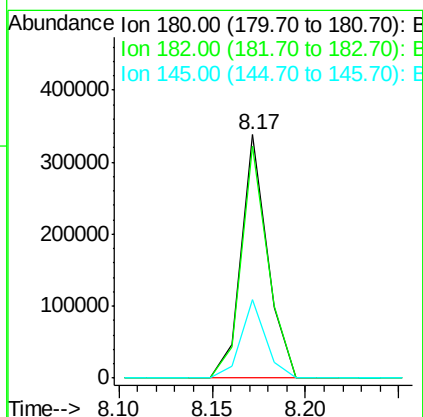
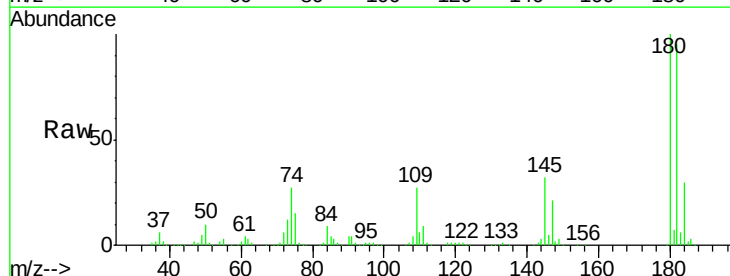
Instrument :
BNA_F
ClientSampleId :
SP-1MS

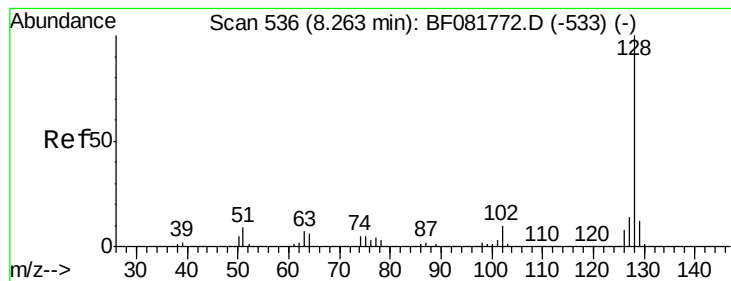
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.9	84.9
98	26.4	13.0	53.0



#30
1,2,4-Trichlorobenzene
Concen: 36.26 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.1	115.7
145	32.2	23.3	34.9





#31

Naphthalene

Concen: 38.55 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

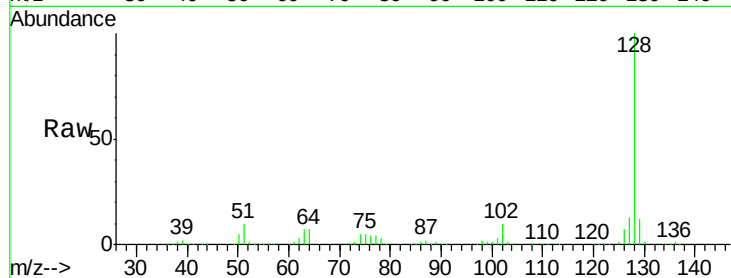
Tgt Ion:128 Resp: 1024277

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

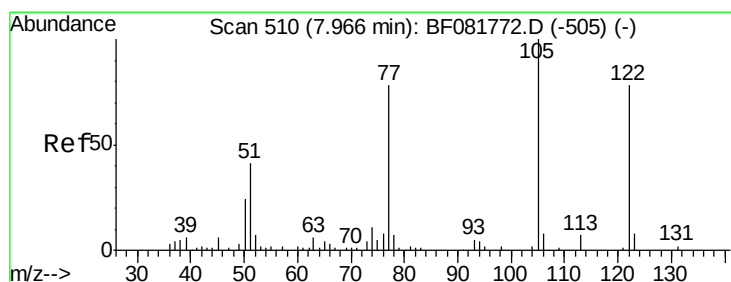
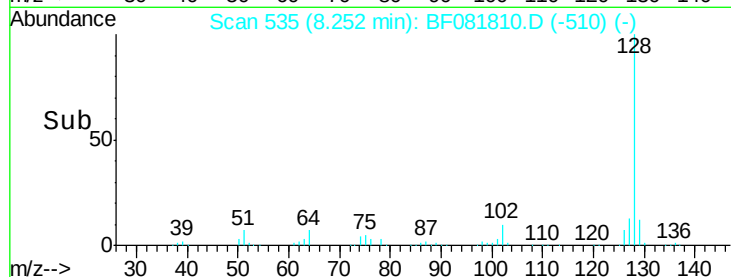
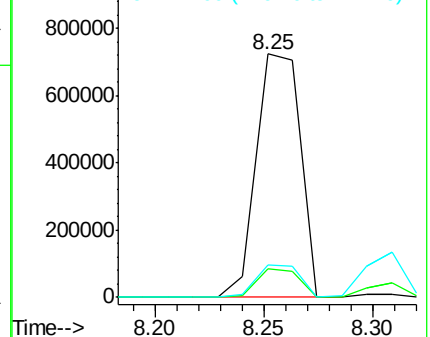
127 13.3 9.9 14.9



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: 59.45 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

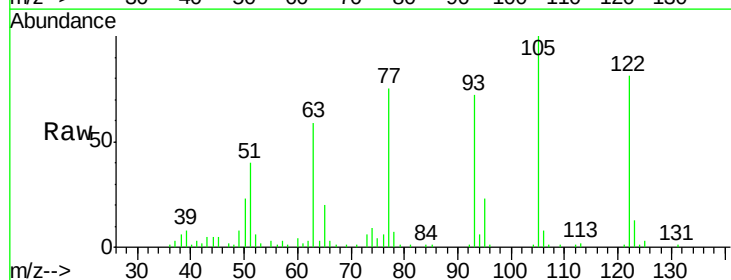
Tgt Ion:122 Resp: 101529

Ion Ratio Lower Upper

122 100

105 123.7 76.1 116.1#

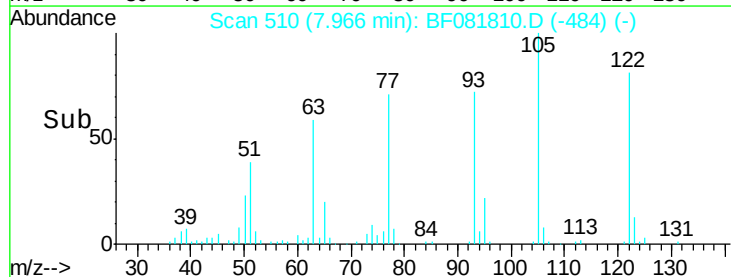
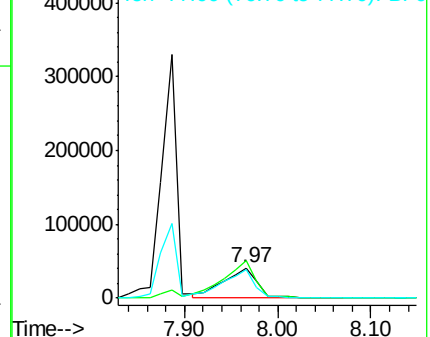
77 92.5 40.5 80.5#

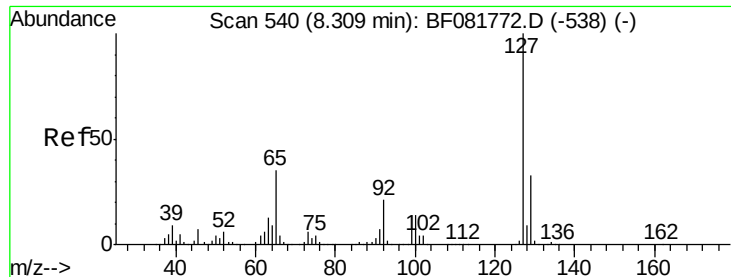


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

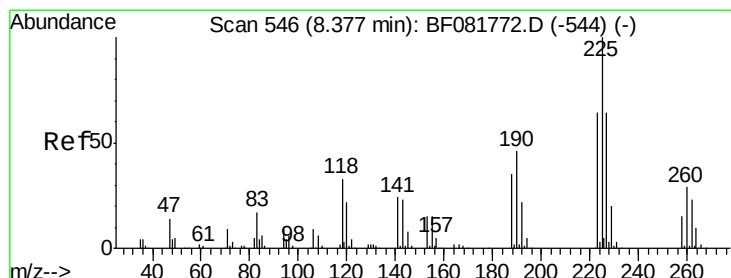
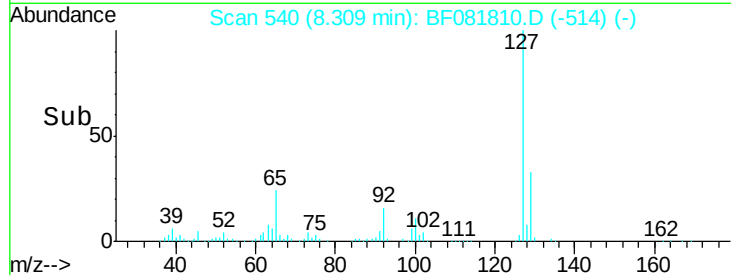
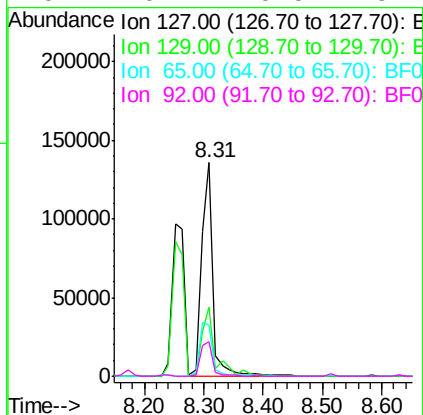
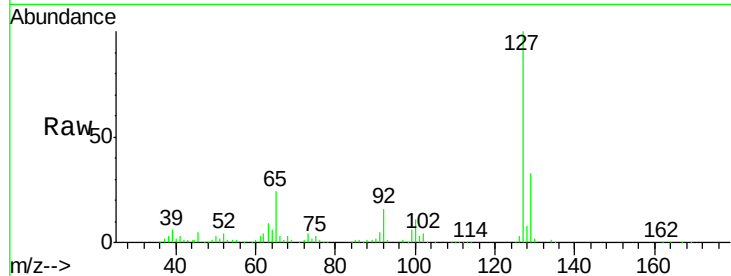




#33
4-Chloroaniline
Concen: 15.80 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

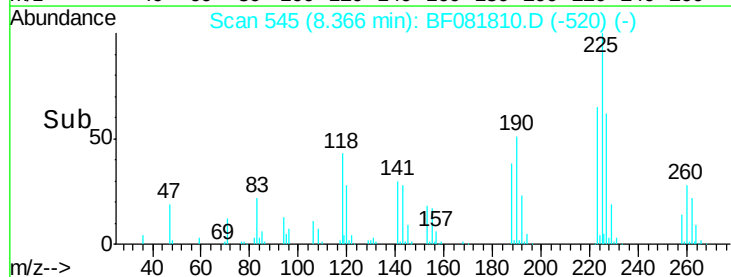
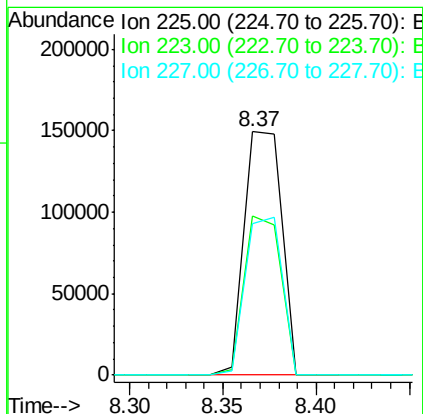
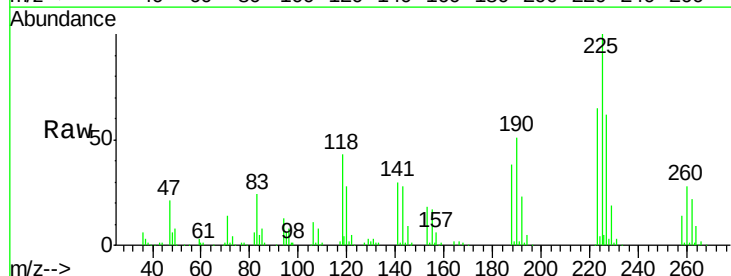
Instrument :
BNA_F
ClientSampleId :
SP-1MS

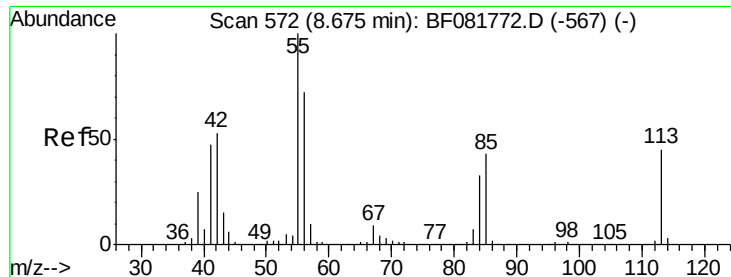
Tgt Ion:	127	Resp:	184311
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	24.0	17.9	26.9
92	16.2	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 38.47 ng
RT: 8.37 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:	225	Resp:	207930
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.2
227	62.2	52.2	78.2

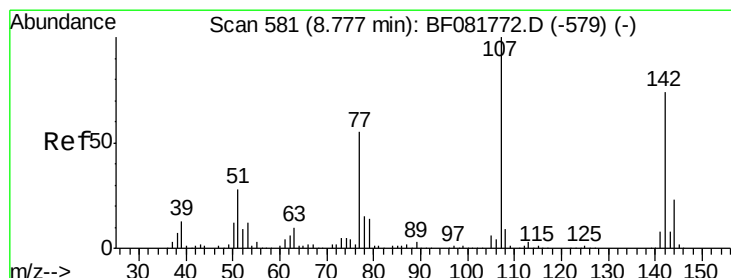
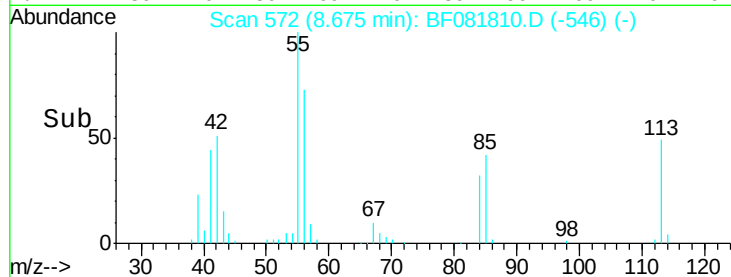
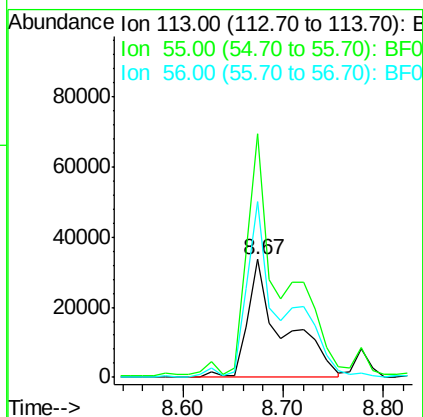
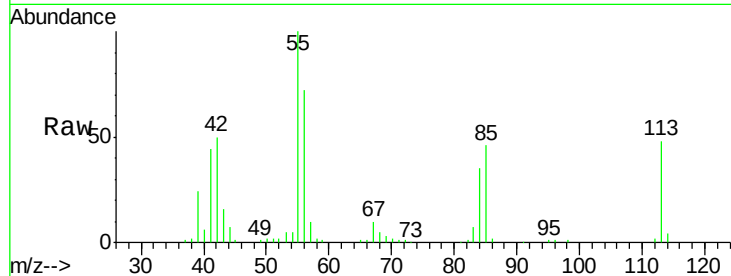




#35
 Caprolactam
 Concen: 38.10 ng
 RT: 8.67 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

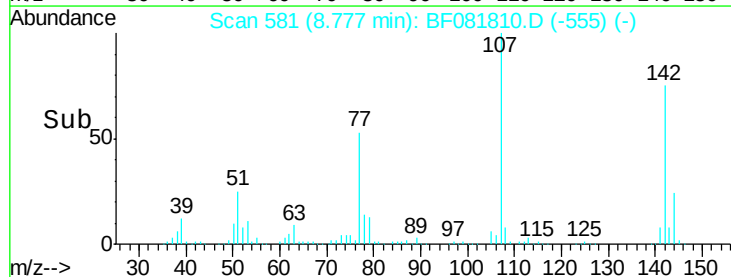
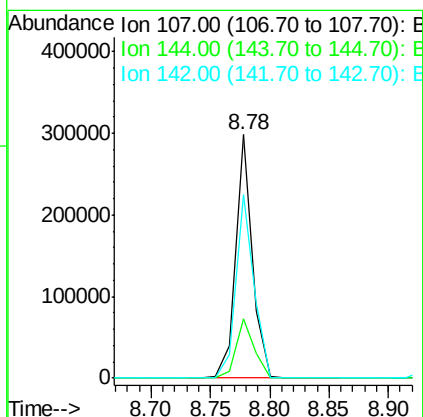
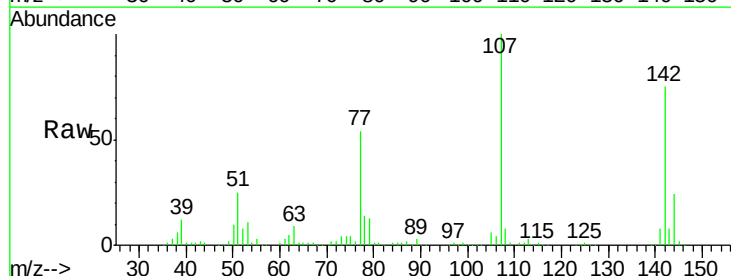
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

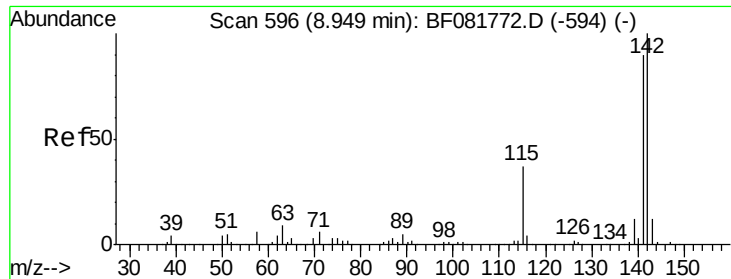
Tgt Ion:113 Resp: 83127
 Ion Ratio Lower Upper
 113 100
 55 206.3 152.4 192.4#
 56 148.8 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 35.71 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

Tgt Ion:107 Resp: 292180
 Ion Ratio Lower Upper
 107 100
 144 24.2 25.4 38.0#
 142 75.4 77.3 115.9#

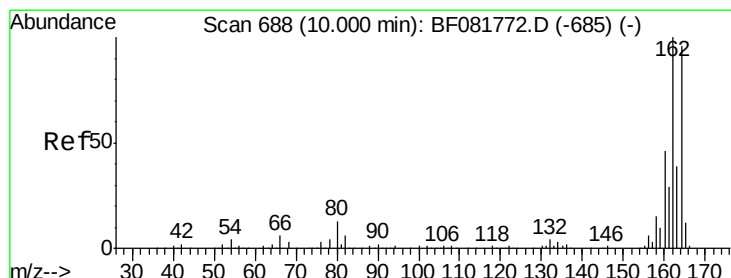
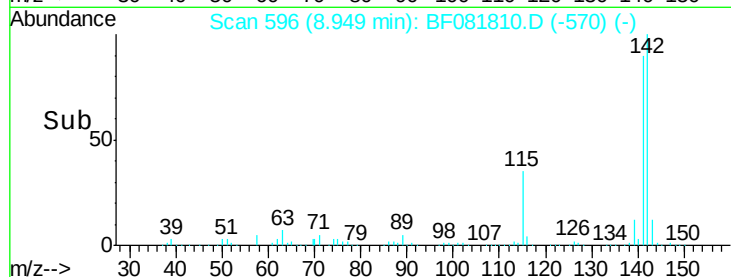
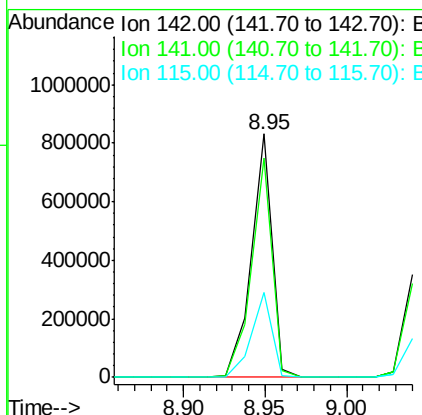
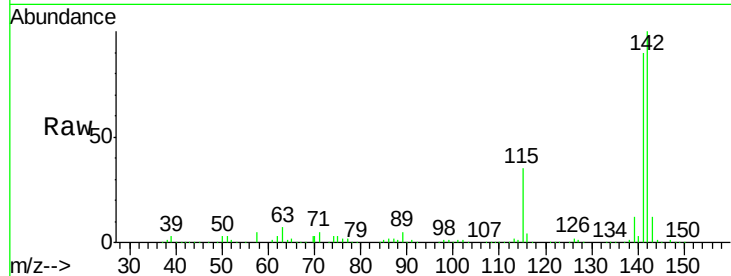




#37
2-Methylnaphthalene
Concen: 38.74 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

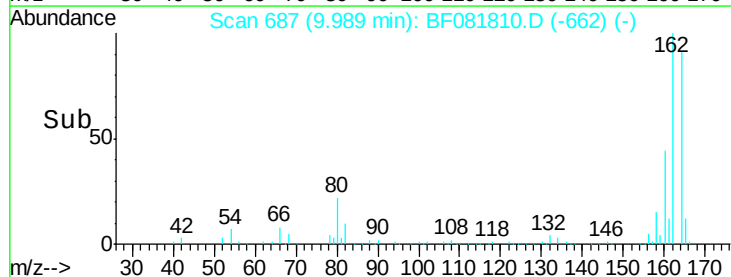
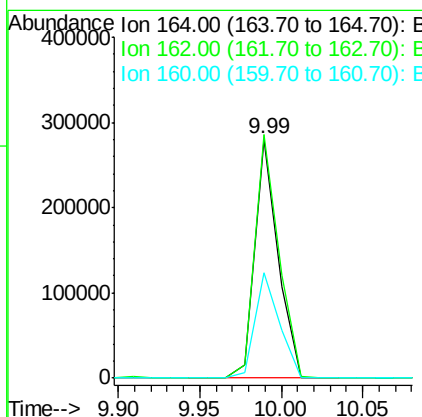
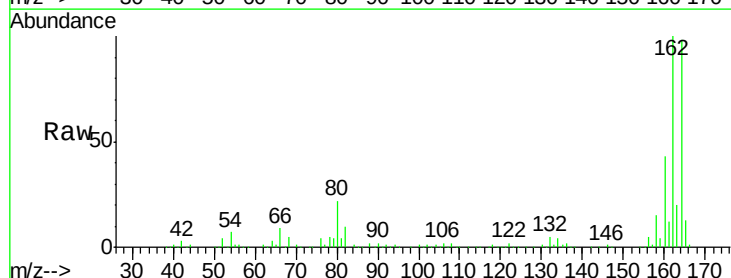
Instrument :
BNA_F
ClientSampled :
SP-1MS

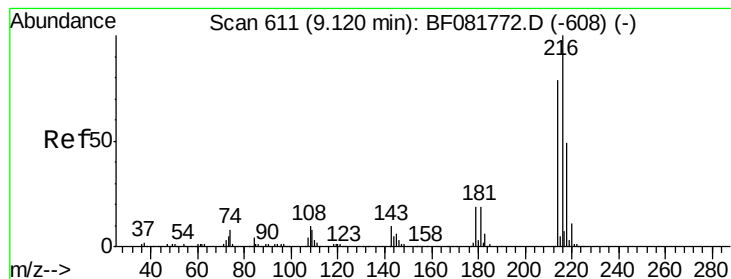
Tgt Ion:142 Resp: 733541
Ion Ratio Lower Upper
142 100
141 89.9 67.5 101.3
115 34.7 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:164 Resp: 277005
Ion Ratio Lower Upper
164 100
162 101.9 75.2 112.8
160 44.2 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.26 ng

RT: 9.11 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tgt Ion:216 Resp: 320605

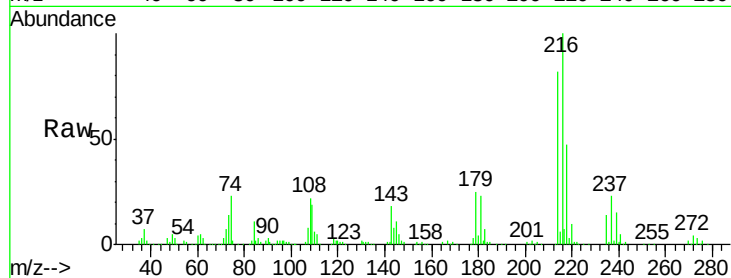
Ion Ratio Lower Upper

216 100

214 80.4 63.5 95.3

179 22.0 16.6 24.8

108 19.9 16.3 24.5

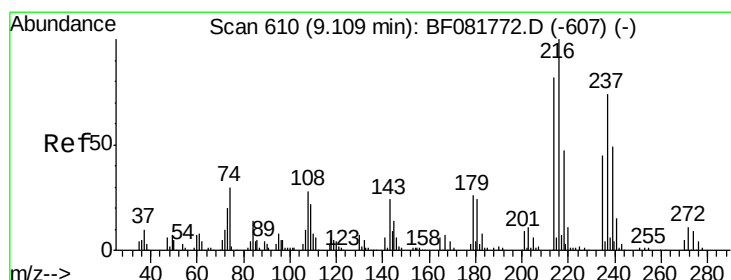
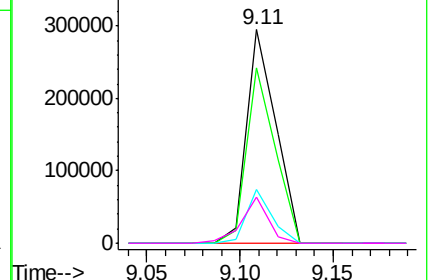
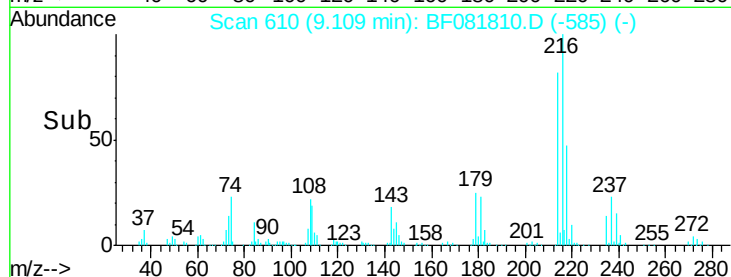


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.80 ng

RT: 9.10 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

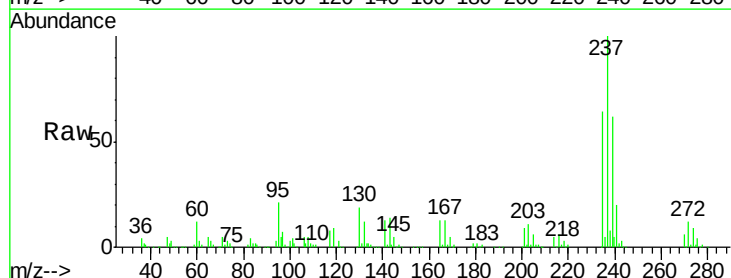
Tgt Ion:237 Resp: 317516

Ion Ratio Lower Upper

237 100

235 64.2 42.0 82.0

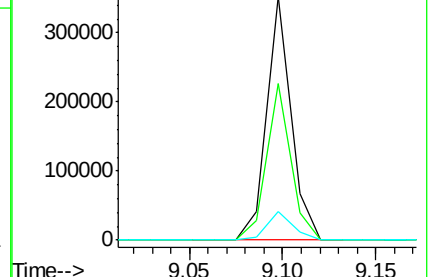
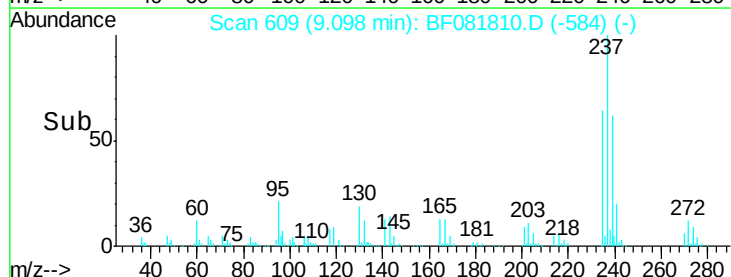
272 11.7 0.0 36.1

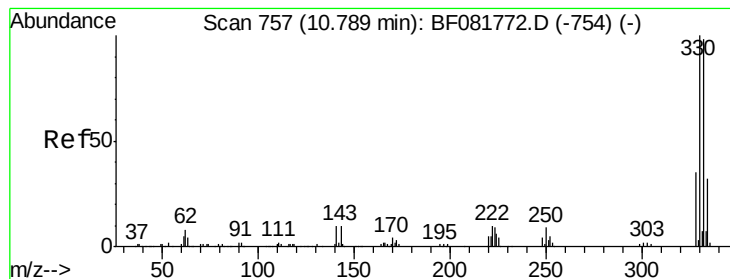


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 157.30 ng

RT: 10.79 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

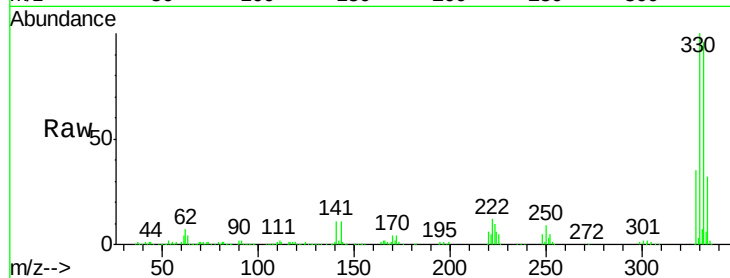
Tgt Ion:330 Resp: 378285

Ion Ratio Lower Upper

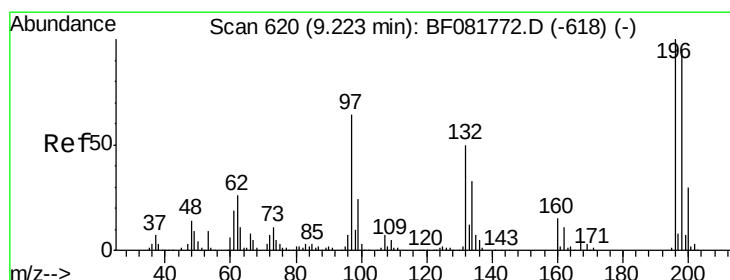
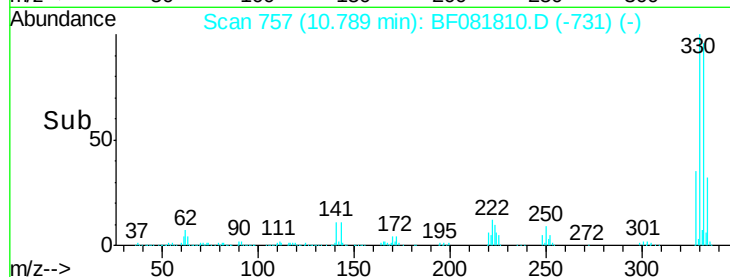
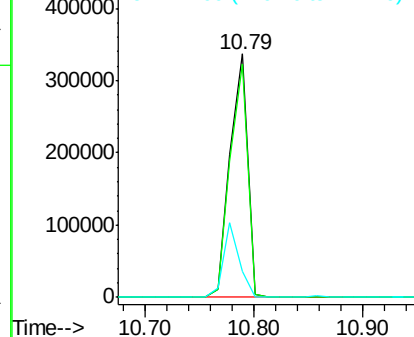
330 100

332 95.8 76.6 114.8

141 28.1 29.7 44.5#



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



#42

2,4,6-Trichlorophenol

Concen: 43.44 ng

RT: 9.22 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

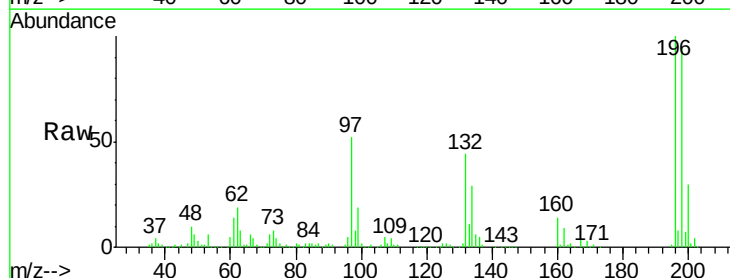
Tgt Ion:196 Resp: 253076

Ion Ratio Lower Upper

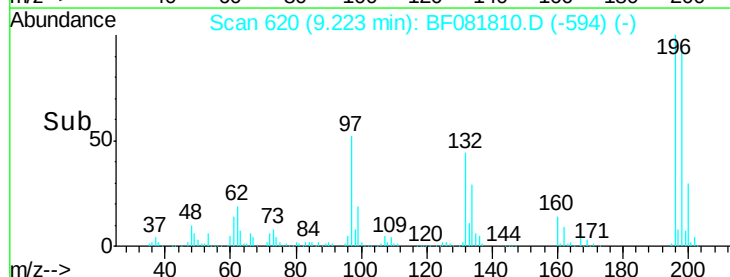
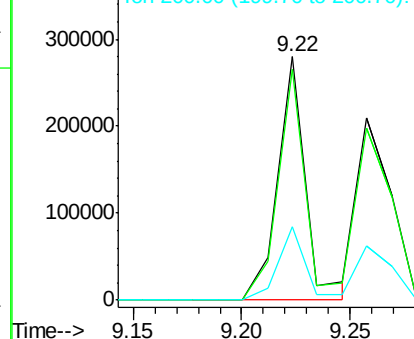
196 100

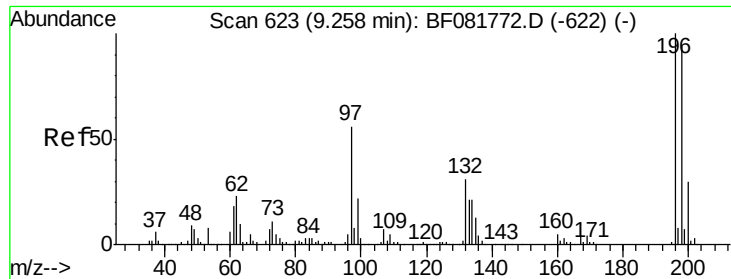
198 95.0 75.7 113.5

200 29.9 23.9 35.9



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

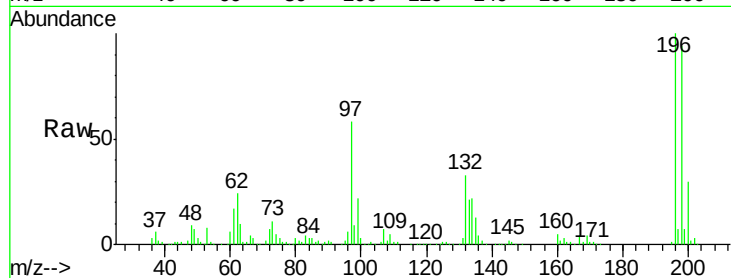




#43
 2,4,5-Trichlorophenol
 Concen: 40.10 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.4	113.0
97	58.5	33.3	49.9
132	33.0	24.6	37.0



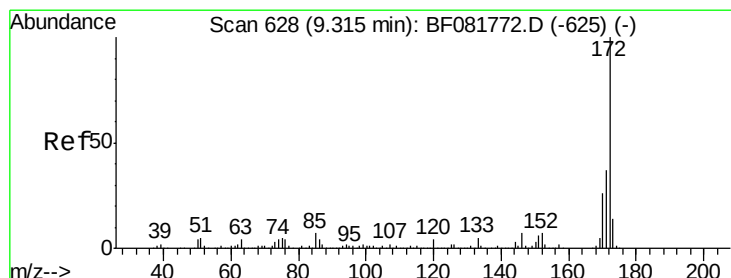
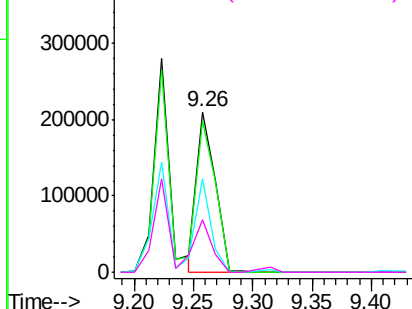
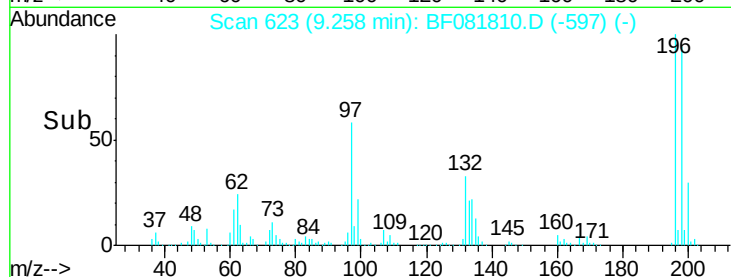
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

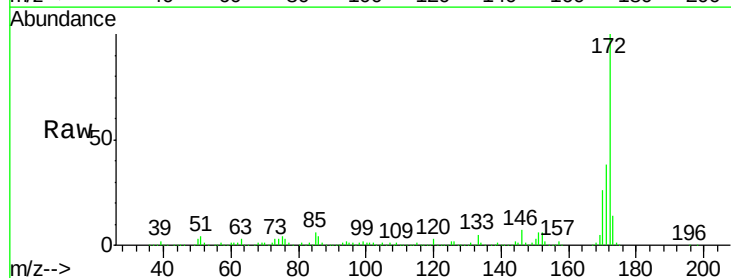
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.04 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	26.1	39.1
170	25.7	17.4	26.2

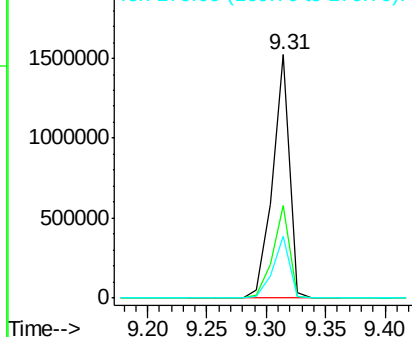
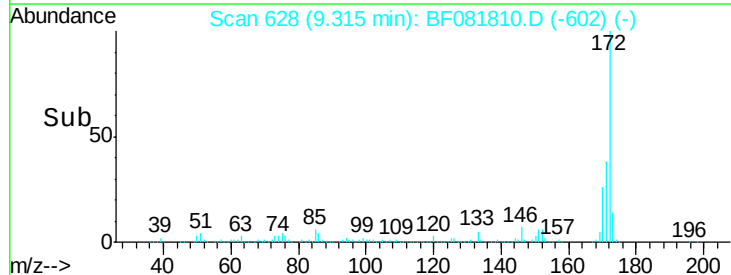


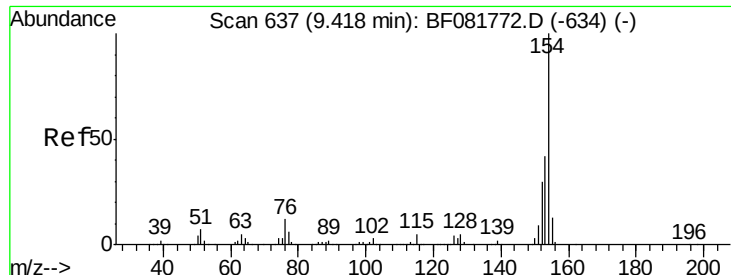
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.68 ng

RT: 9.42 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

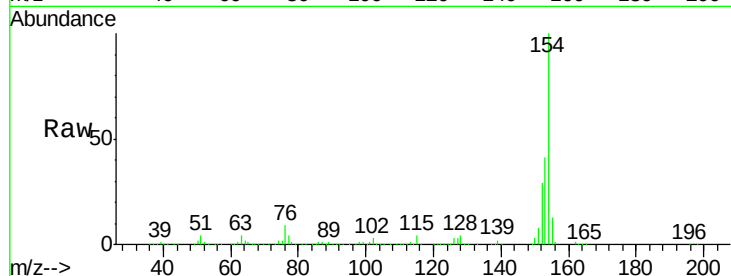
Tgt Ion:154 Resp: 902853

Ion Ratio Lower Upper

154 100

153 40.7 17.1 57.1

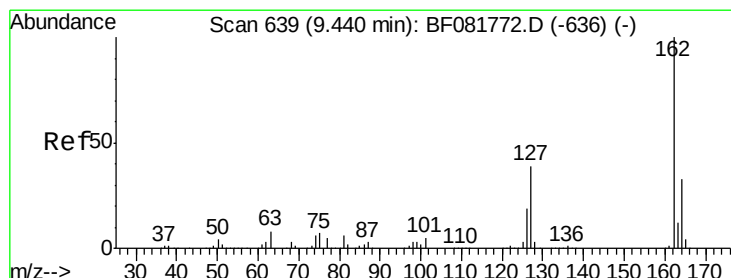
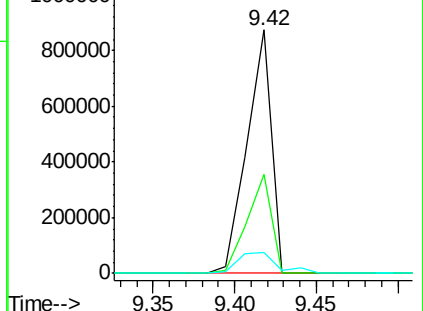
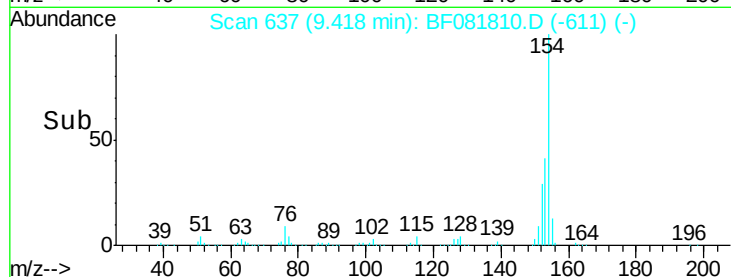
76 8.8 0.0 31.6



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: 40.45 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

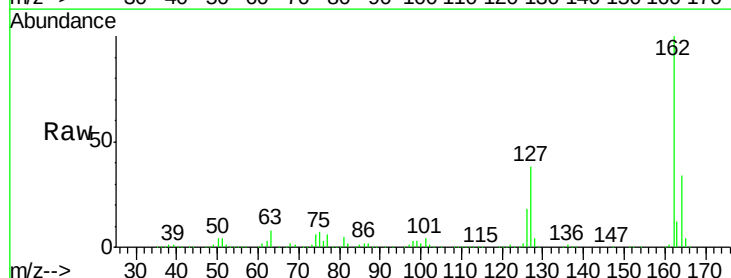
Tgt Ion:162 Resp: 704833

Ion Ratio Lower Upper

162 100

127 38.2 27.6 41.4

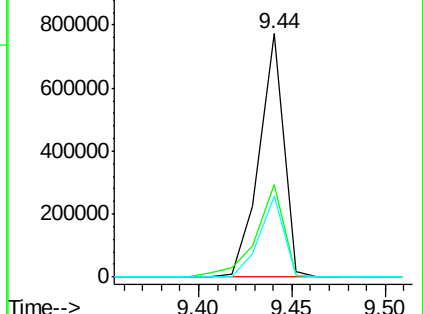
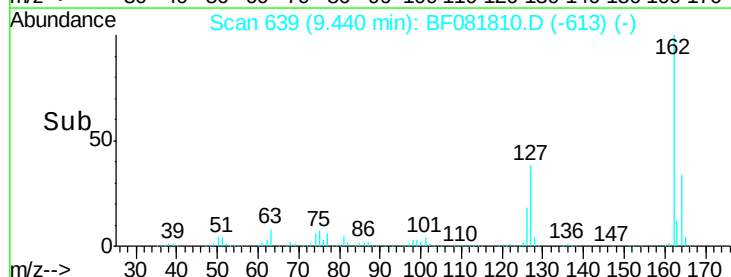
164 33.5 25.4 38.2

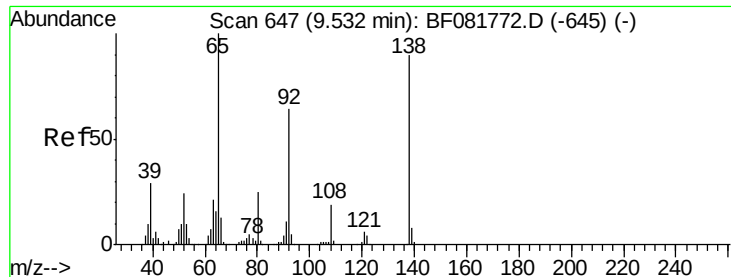


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.96 ng

RT: 9.53 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

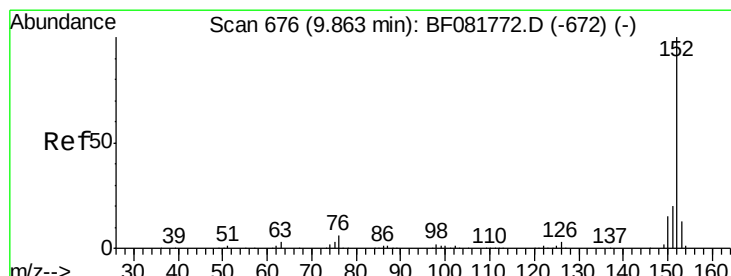
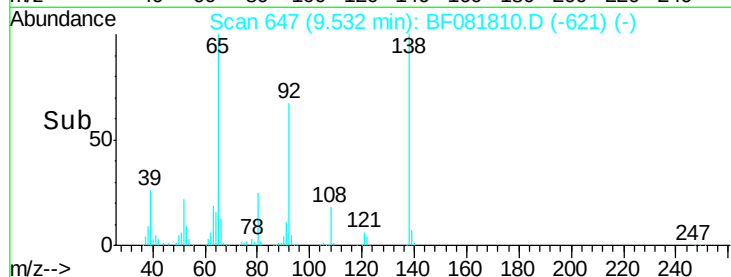
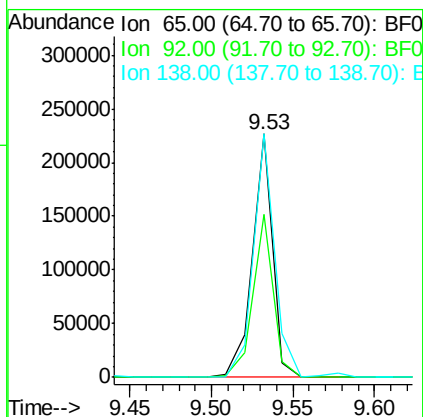
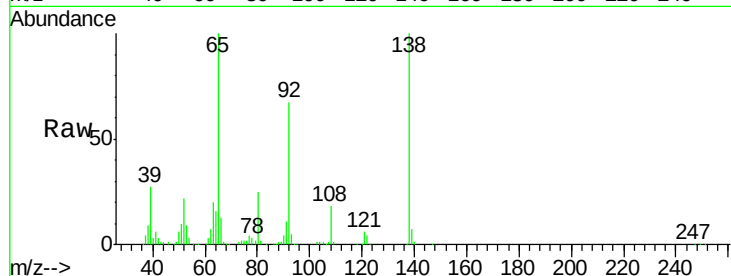
Tgt Ion: 65 Resp: 194425

Ion Ratio Lower Upper

65 100

92 67.0 55.4 83.0

138 100.1 115.5 173.3#



#48

Acenaphthylene

Concen: 33.37 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

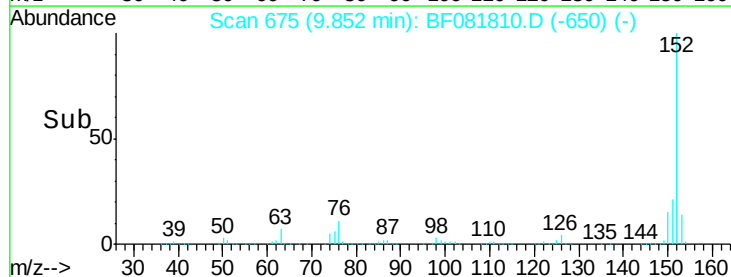
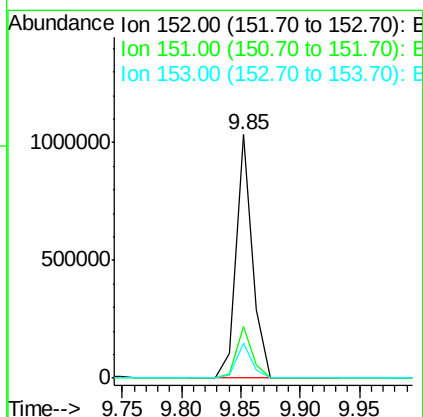
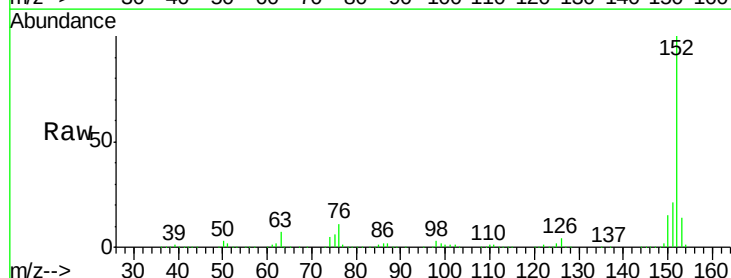
Tgt Ion: 152 Resp: 983892

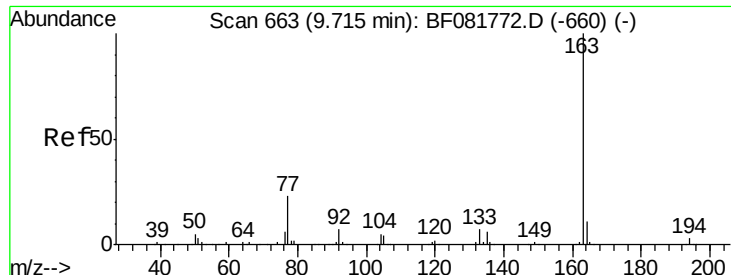
Ion Ratio Lower Upper

152 100

151 21.0 14.6 22.0

153 14.2 10.3 15.5





#49

Dimethylphthalate

Concen: 48.70 ng

RT: 9.71 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

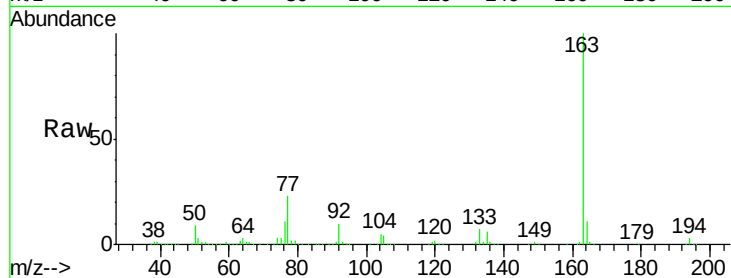
Tgt Ion:163 Resp: 1026515

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

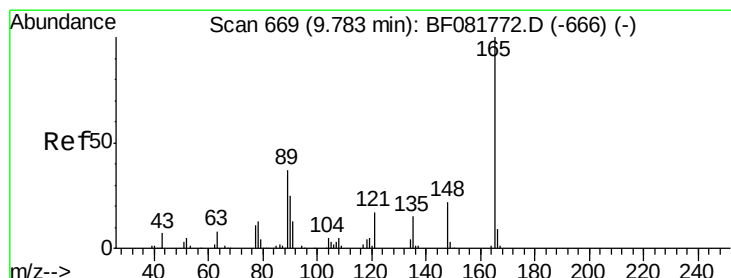
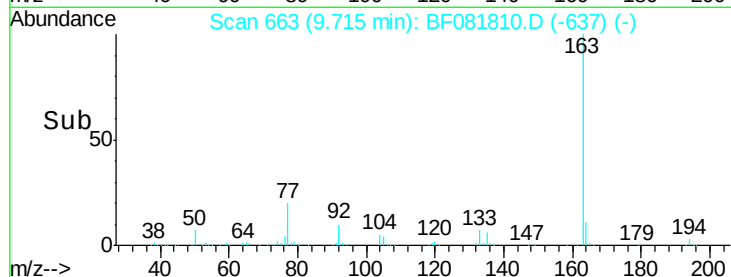
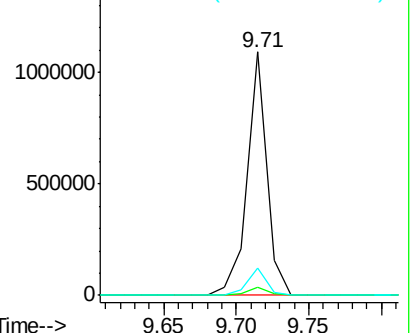
164 11.0 8.3 12.5



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: 42.27 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

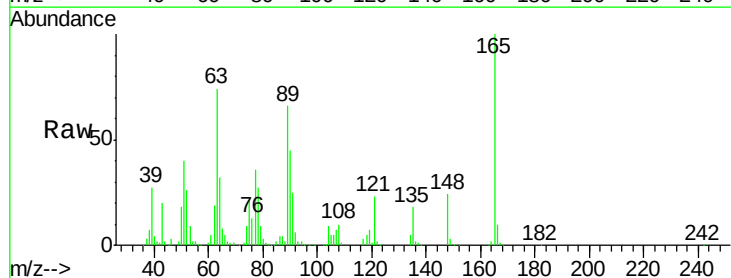
Tgt Ion:165 Resp: 171971

Ion Ratio Lower Upper

165 100

63 74.1 32.3 48.5#

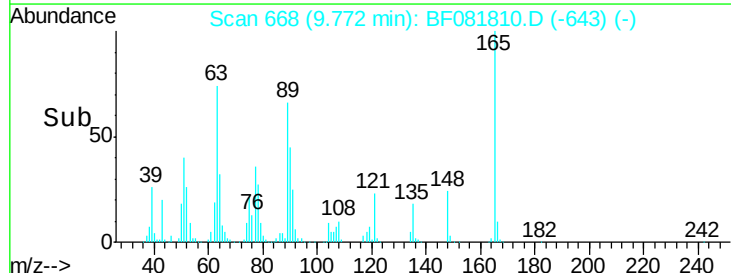
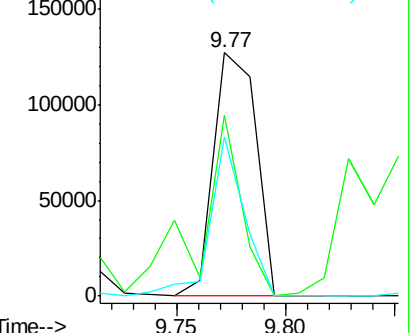
89 65.6 28.6 43.0#

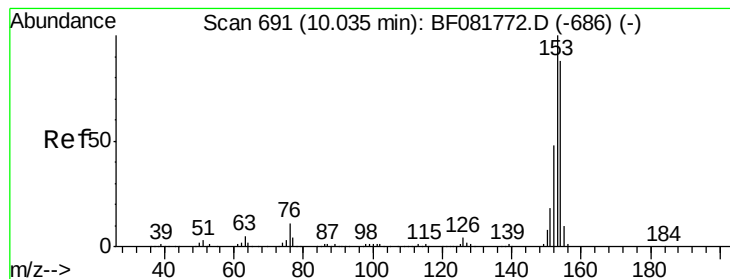


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.31 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

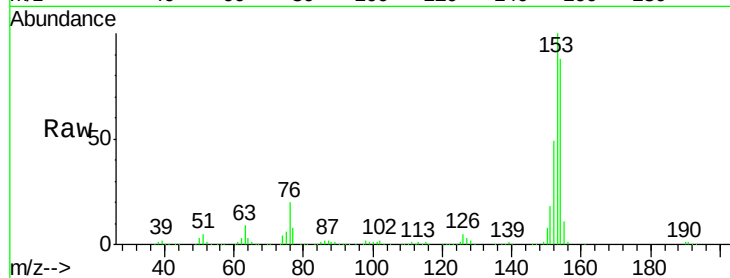
Tgt Ion:154 Resp: 633947

Ion Ratio Lower Upper

154 100

153 114.1 82.1 123.1

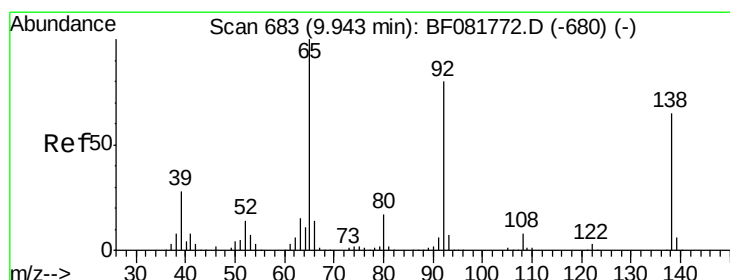
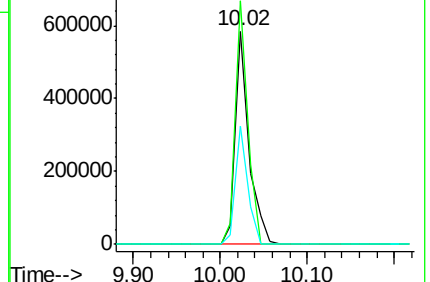
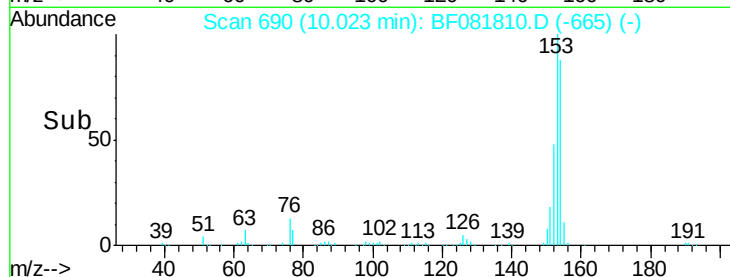
152 55.4 37.9 56.9



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: 31.00 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

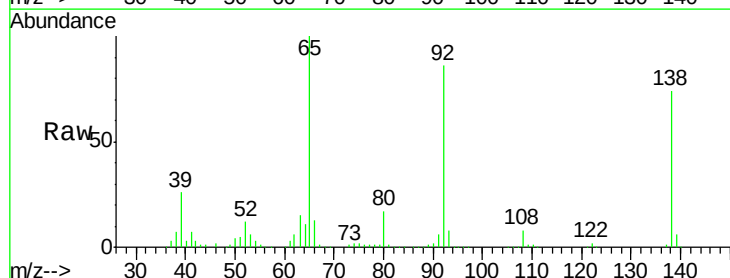
Tgt Ion:138 Resp: 136786

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

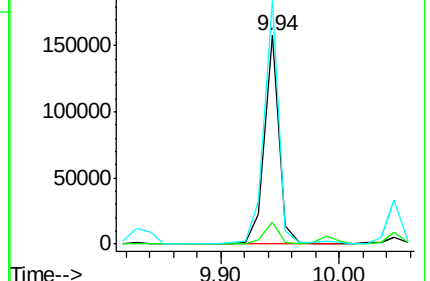
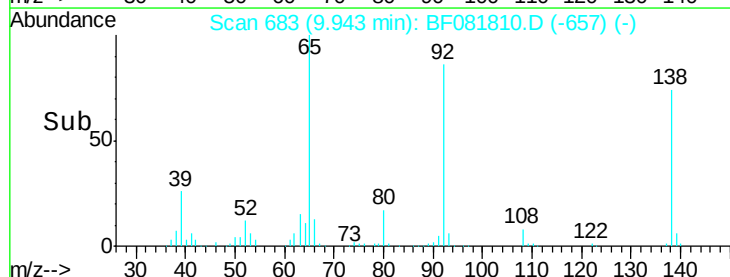
92 116.7 67.7 101.5#

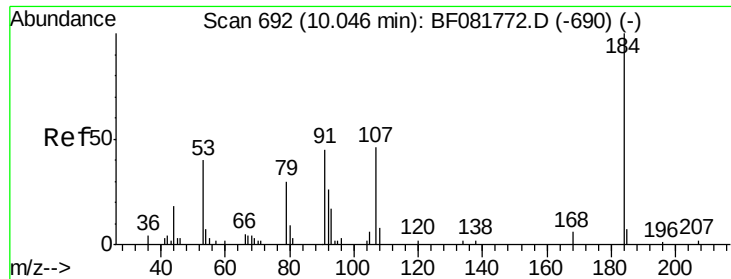


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

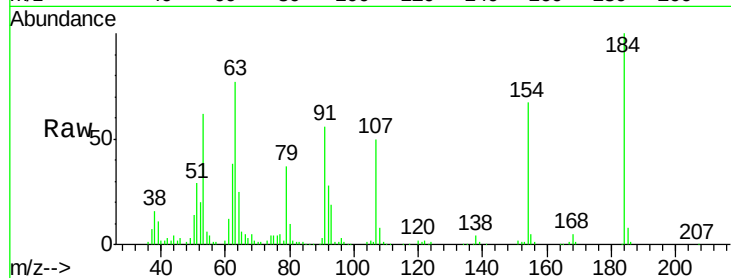




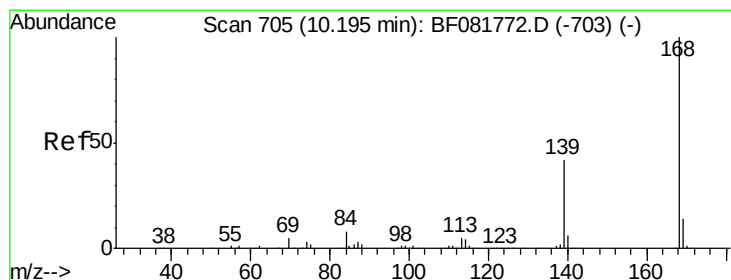
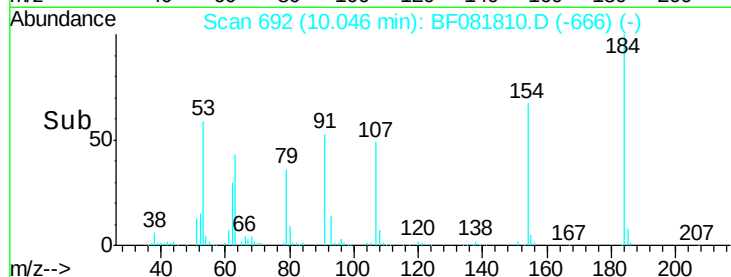
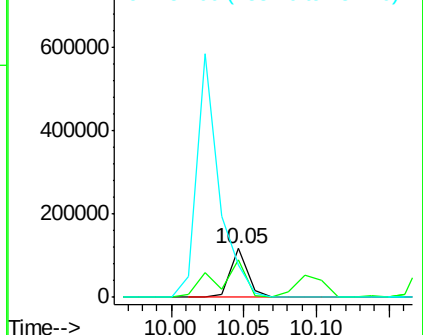
#53
2,4-Dinitrophenol
Concen: 100.50 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tgt Ion:184 Resp: 99317
Ion Ratio Lower Upper
184 100
63 77.5 35.4 53.2#
154 66.9 32.2 48.4#

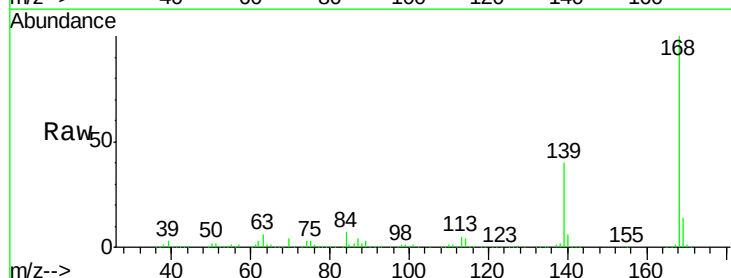


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

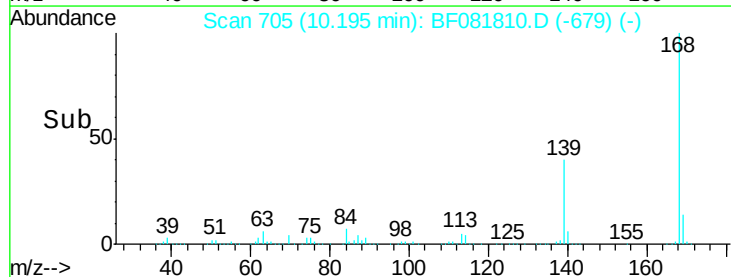
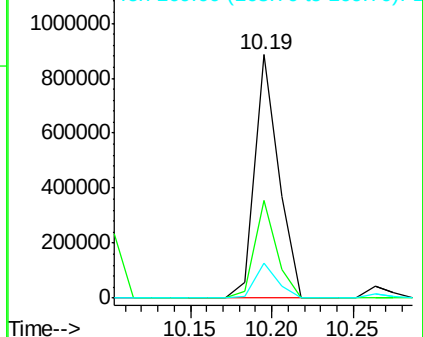


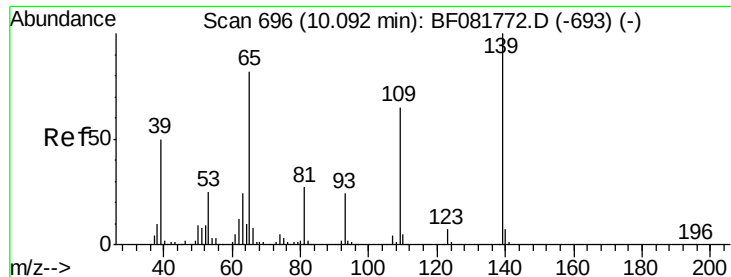
#54
Dibenzofuran
Concen: 36.17 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:168 Resp: 901677
Ion Ratio Lower Upper
168 100
139 40.2 24.2 36.2#
169 14.2 10.6 15.8



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

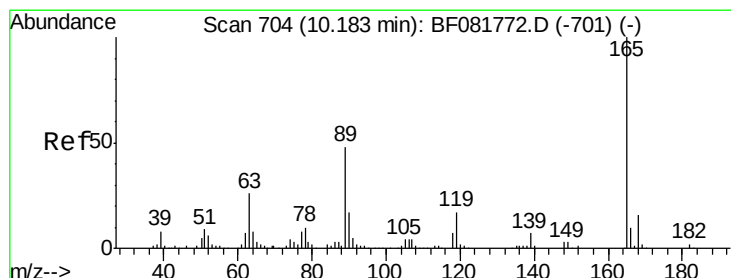
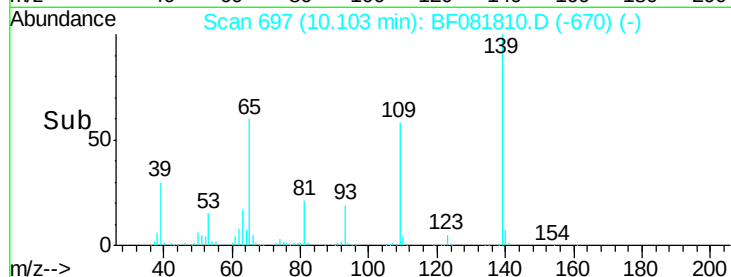
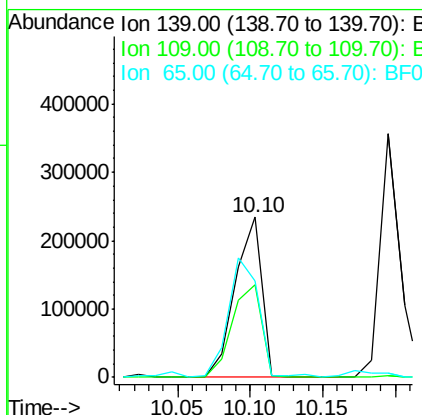
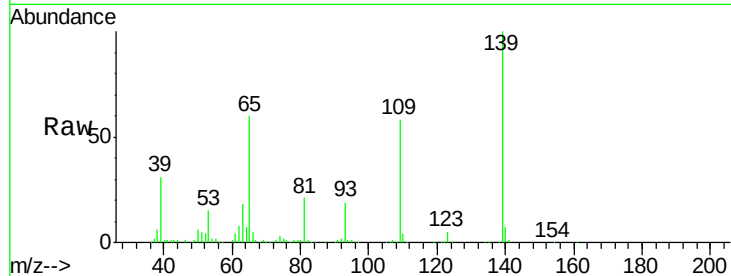




#55
4-Nitrophenol
Concen: 98.40 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

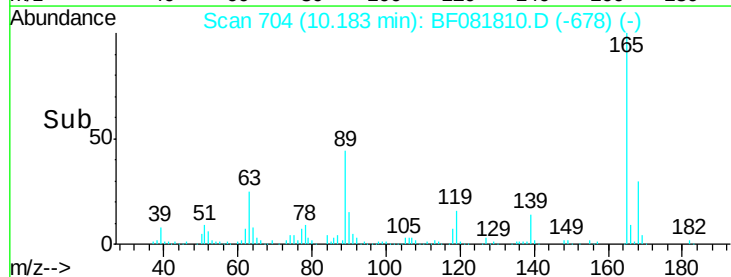
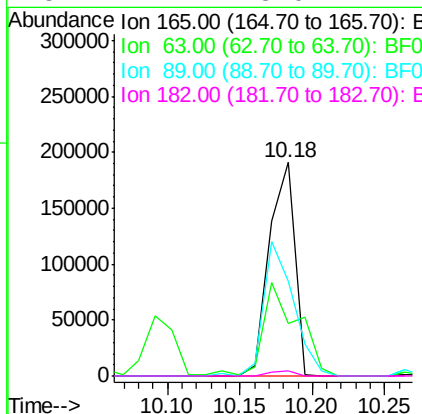
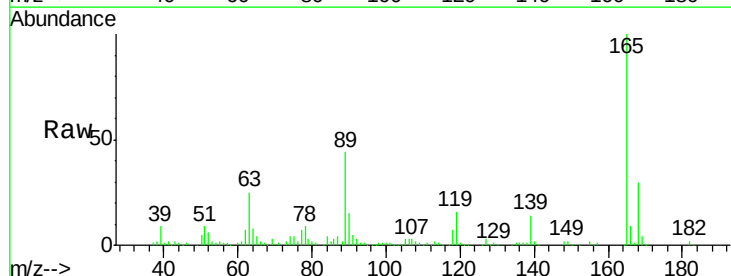
Instrument :
BNA_F
ClientSampleId :
SP-1MS

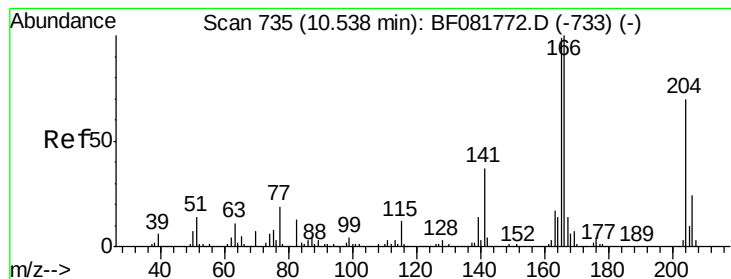
Tgt Ion:139 Resp: 299446
Ion Ratio Lower Upper
139 100
109 57.9 12.7 52.7#
65 60.0 45.9 85.9



#56
2,4-Dinitrotoluene
Concen: 48.05 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:165 Resp: 234034
Ion Ratio Lower Upper
165 100
63 24.9 29.8 44.6#
89 44.1 44.5 66.7#
182 2.4 3.0 4.4#





#57

Fluorene

Concen: 33.67 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

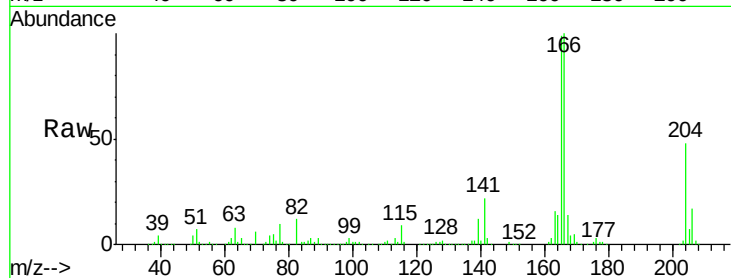
Tgt Ion:166 Resp: 644088

Ion Ratio Lower Upper

166 100

165 99.4 72.6 109.0

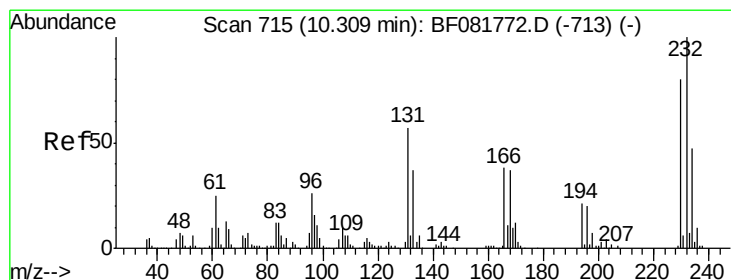
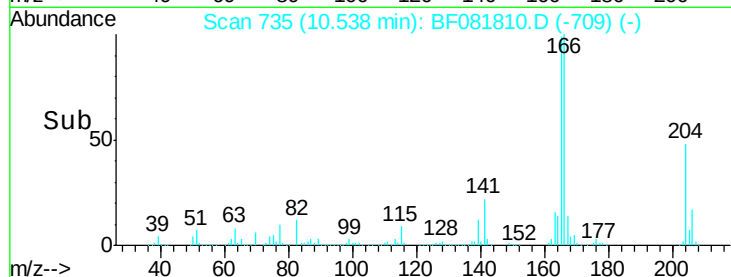
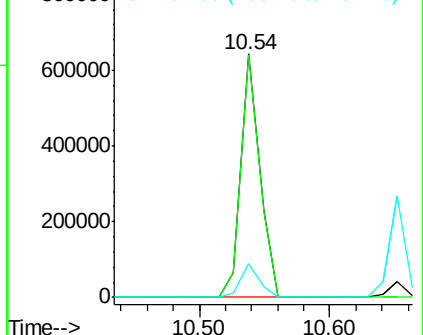
167 14.0 10.6 16.0



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: 45.07 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Tgt Ion:232 Resp: 197176

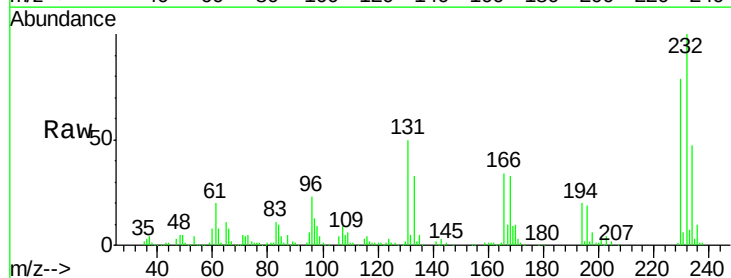
Ion Ratio Lower Upper

232 100

131 45.6 38.5 57.7

130 2.2 1.8 2.6

166 31.0 25.0 37.6

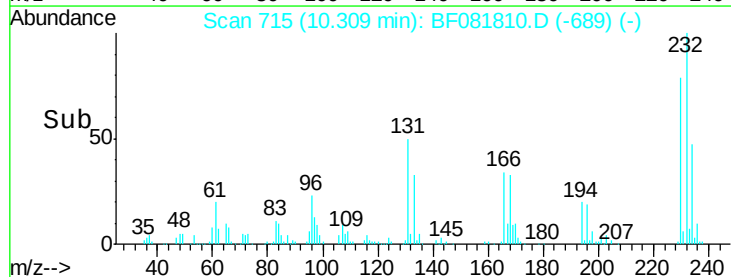
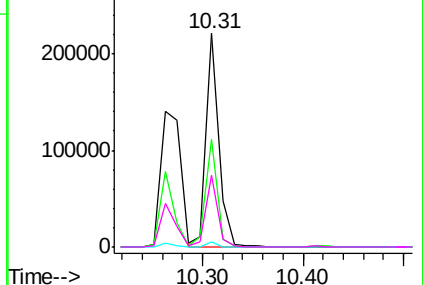


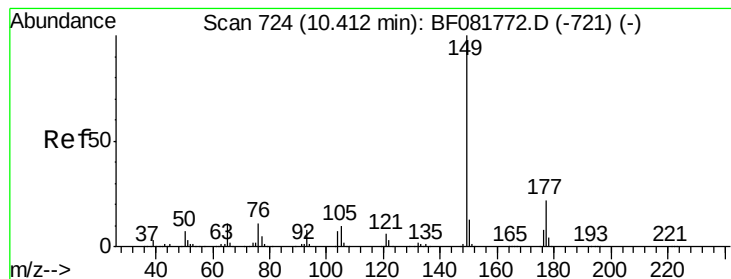
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.36 ng

RT: 10.41 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

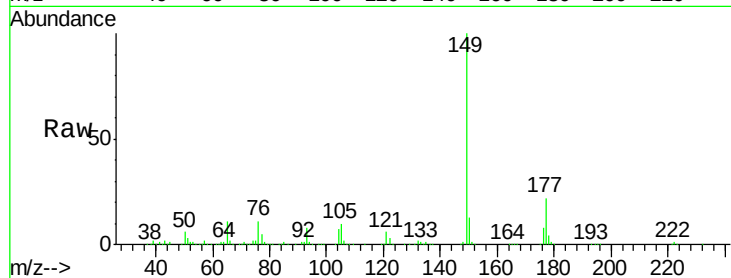
Tgt Ion:149 Resp: 762773

Ion Ratio Lower Upper

149 100

177 22.1 17.5 26.3

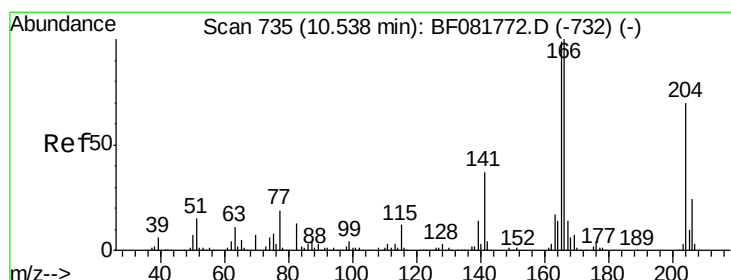
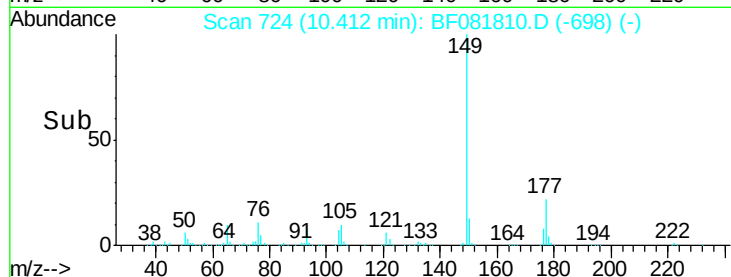
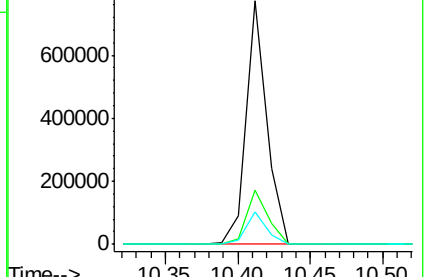
150 13.3 9.4 14.2



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: 39.34 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

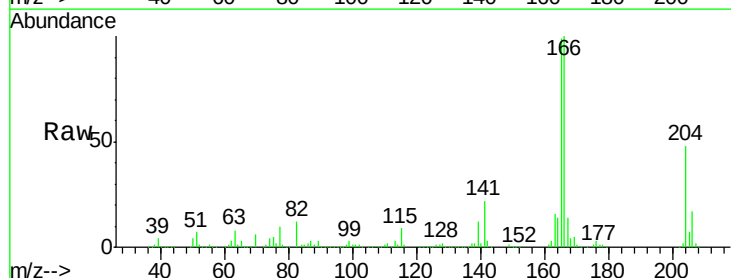
Tgt Ion:204 Resp: 345499

Ion Ratio Lower Upper

204 100

206 34.7 24.8 37.2

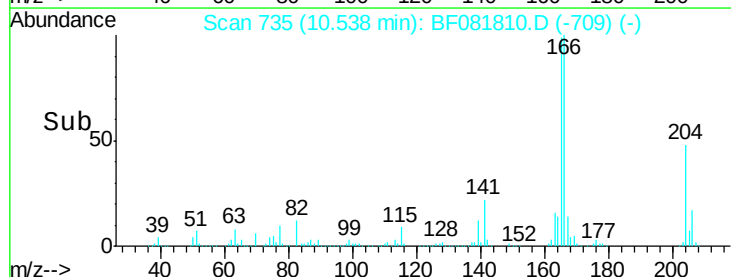
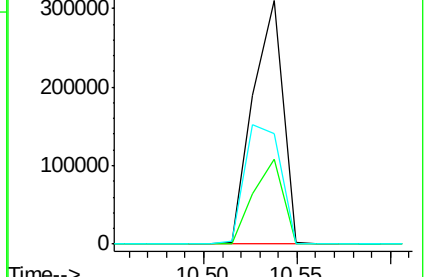
141 45.6 42.2 63.4

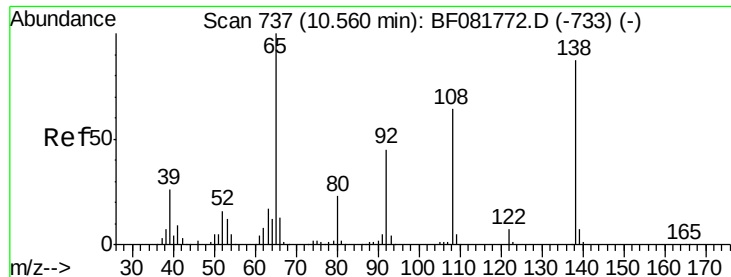


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

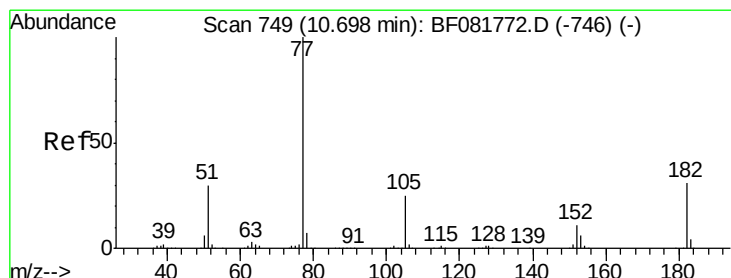
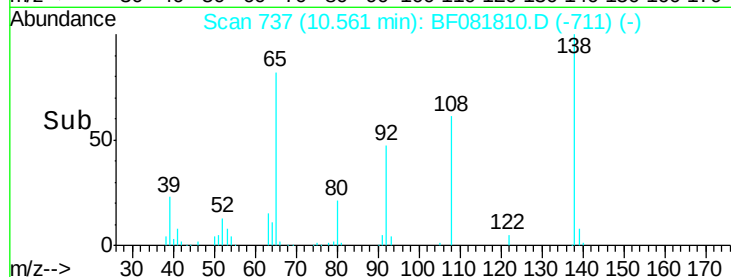
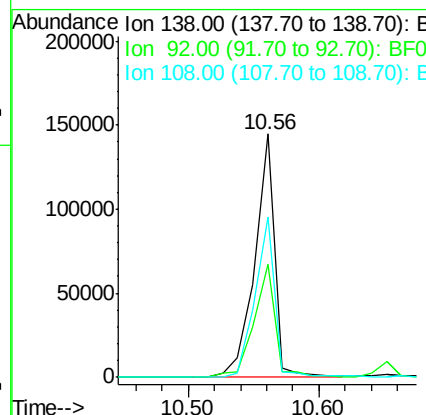
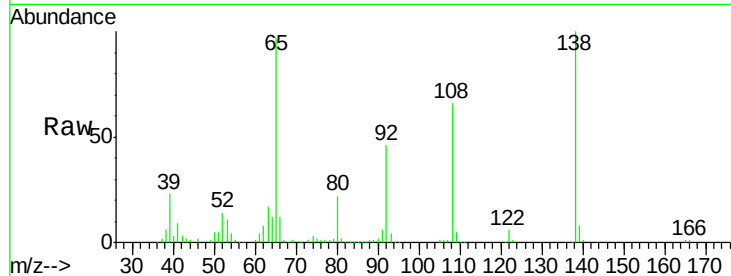




#61
4-Nitroaniline
Concen: 35.93 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

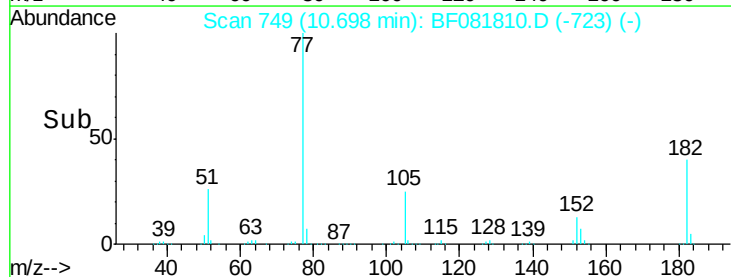
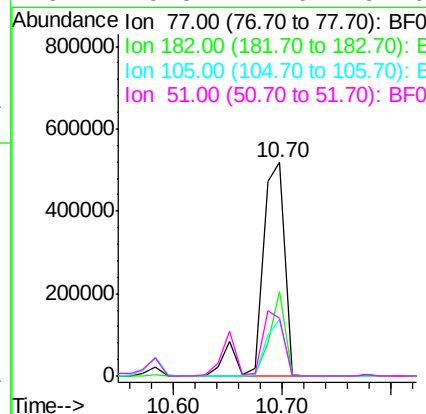
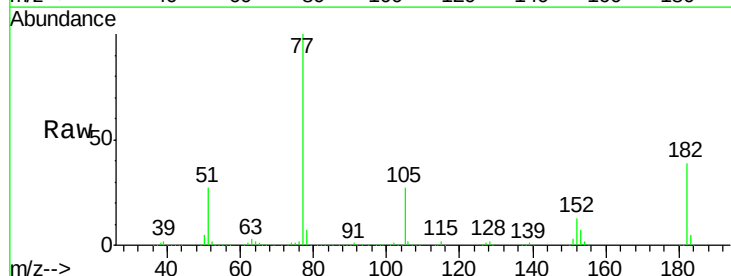
Instrument :
BNA_F
ClientSampleId :
SP-1MS

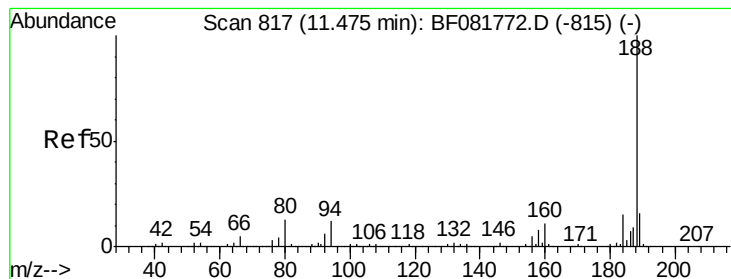
Tgt Ion:138 Resp: 154032
Ion Ratio Lower Upper
138 100
92 46.5 12.6 52.6
108 65.8 12.4 52.4#



#62
Azobenzene
Concen: 36.81 ng
RT: 10.70 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 77 Resp: 768263
Ion Ratio Lower Upper
77 100
182 39.4 15.1 55.1
105 26.6 3.4 43.4
51 26.8 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

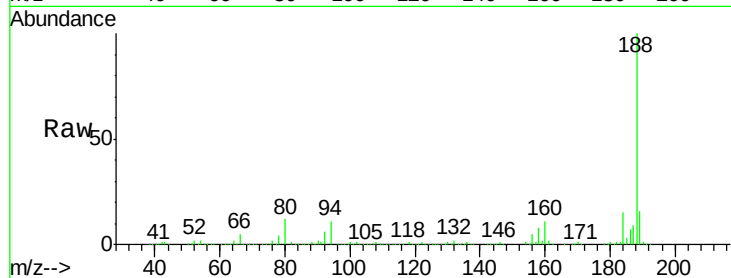
Tgt Ion:188 Resp: 487519

Ion Ratio Lower Upper

188 100

94 11.2 11.1 16.7

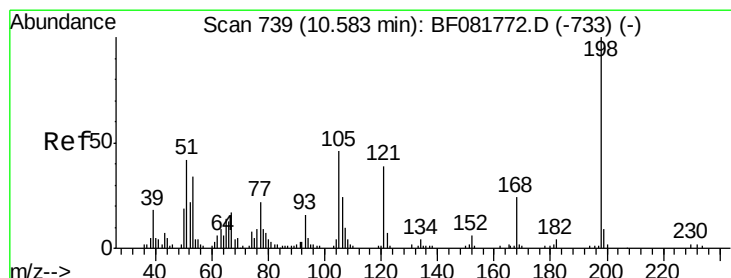
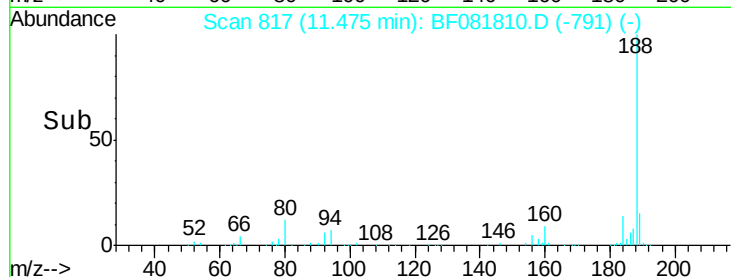
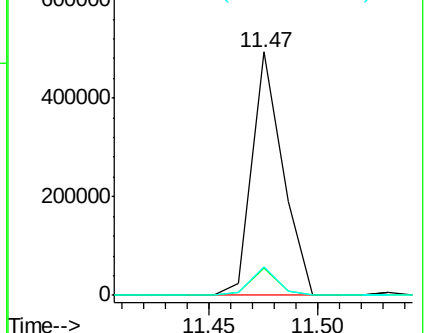
80 12.0 11.0 16.4



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: 65.56 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

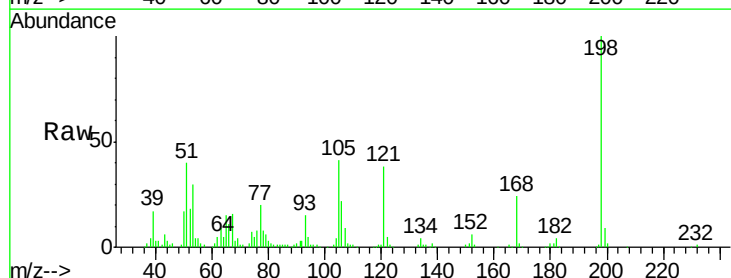
Tgt Ion:198 Resp: 89638

Ion Ratio Lower Upper

198 100

51 39.9 39.6 79.6

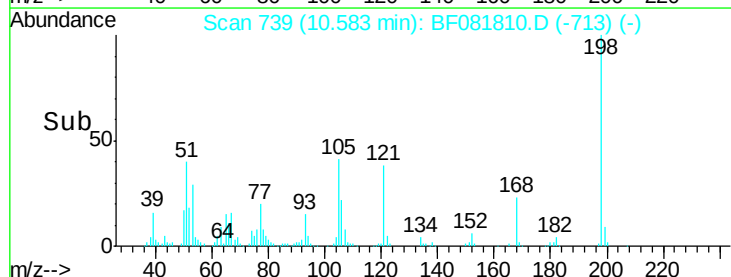
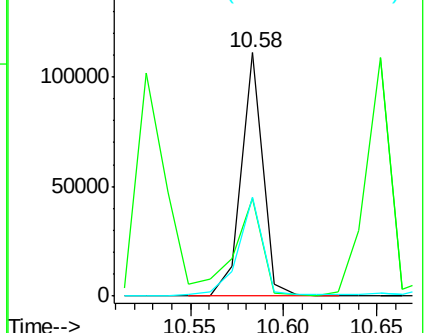
105 40.8 28.5 68.5

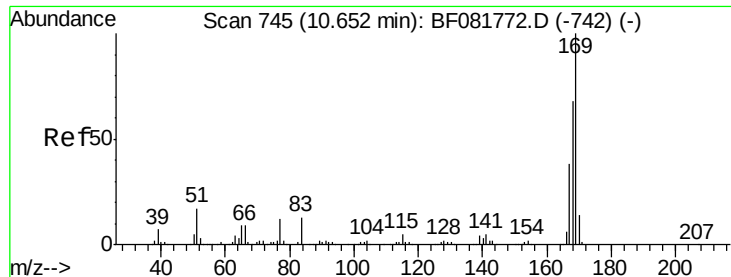


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.53 ng

RT: 10.65 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

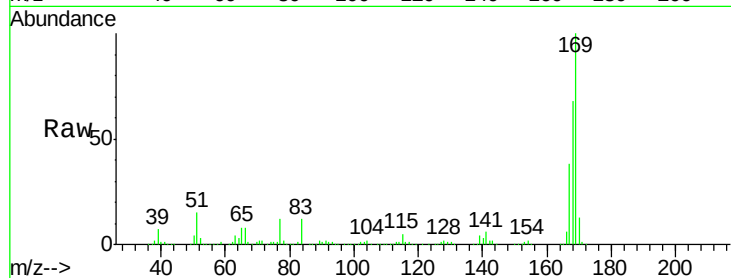
Tgt Ion:169 Resp: 616992

Ion Ratio Lower Upper

169 100

168 68.1 48.9 73.3

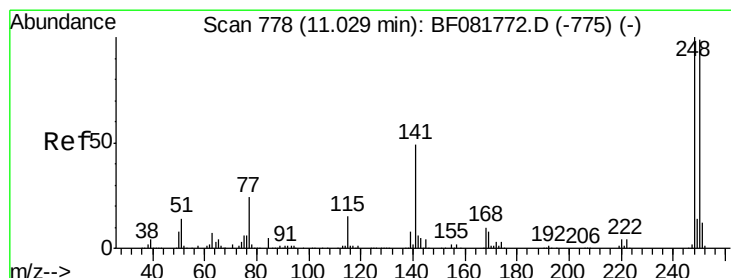
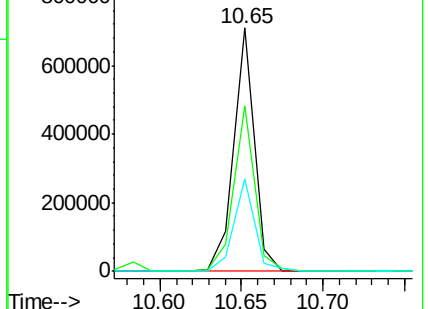
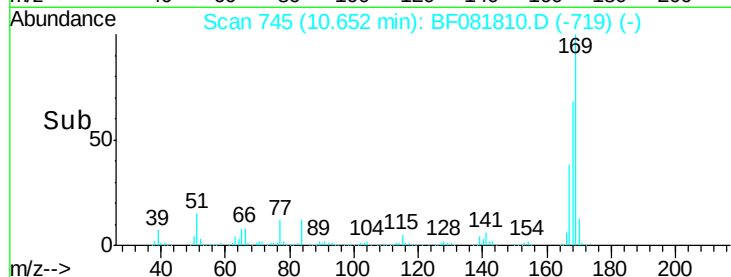
167 37.8 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.13 ng

RT: 11.03 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

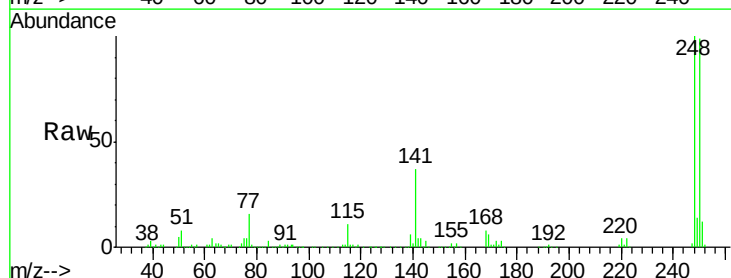
Tgt Ion:248 Resp: 228698

Ion Ratio Lower Upper

248 100

250 99.3 78.5 117.7

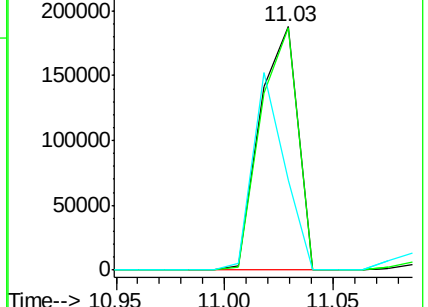
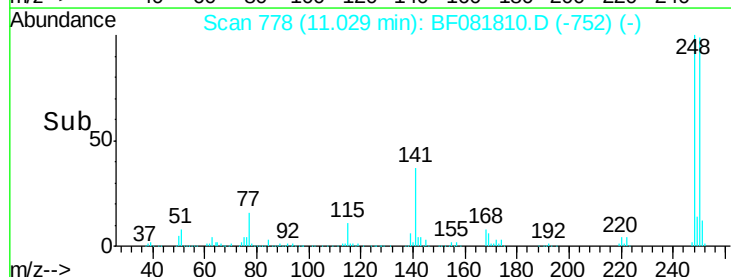
141 36.9 59.0 88.6#

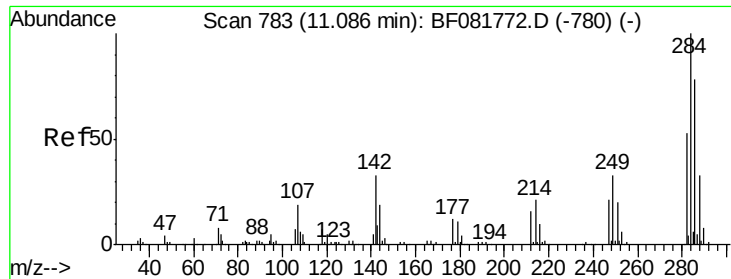


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

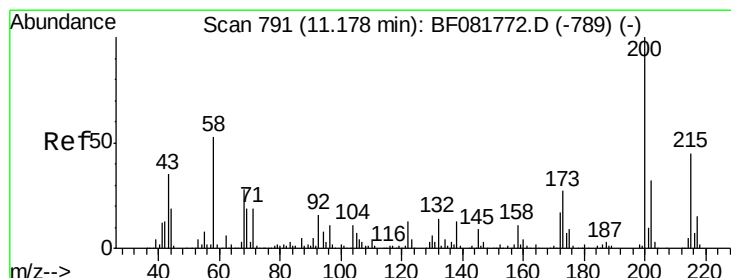
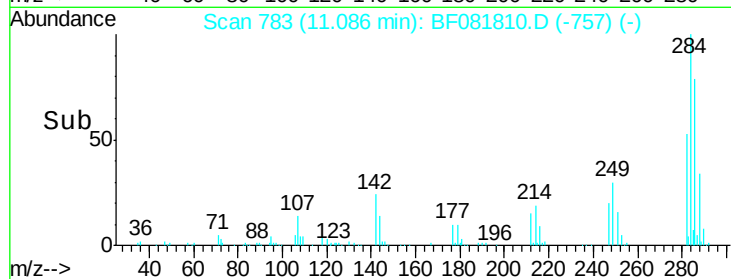
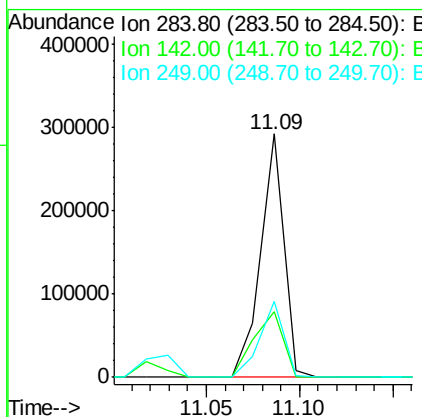
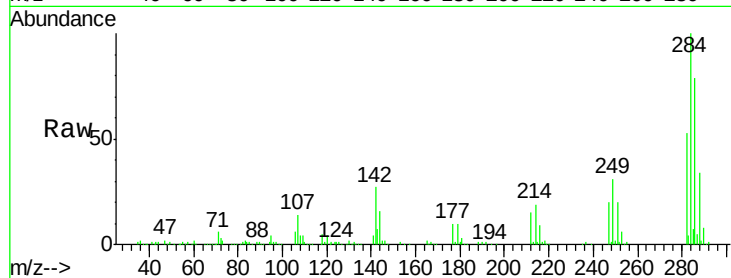




#67
Hexachlorobenzene
Concen: 44.44 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

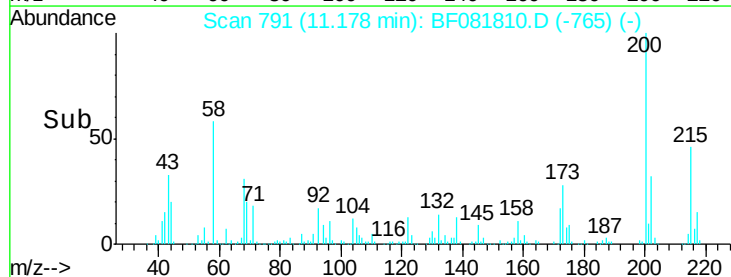
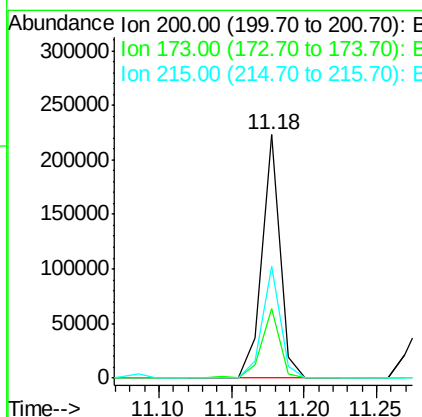
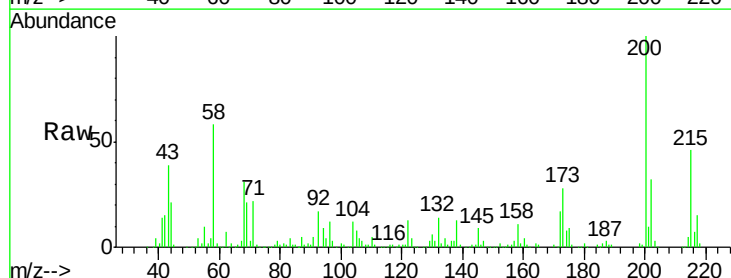
Instrument :
BNA_F
ClientSampleId :
SP-1MS

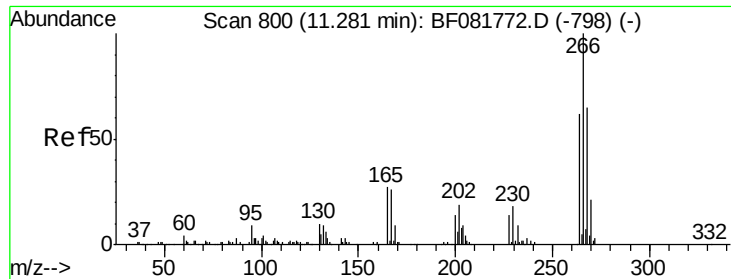
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	29.5	44.3#
249	31.2	19.5	29.3#



#68
Atrazine
Concen: 39.27 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	13.2	53.2
215	46.1	41.8	81.8

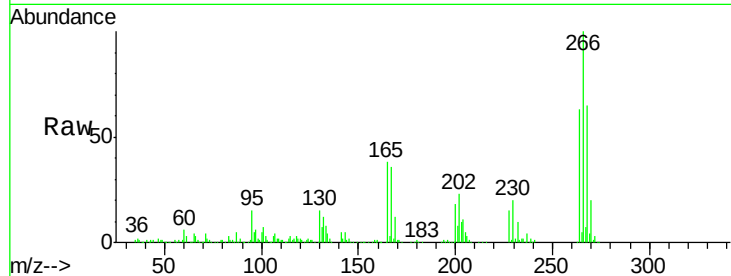




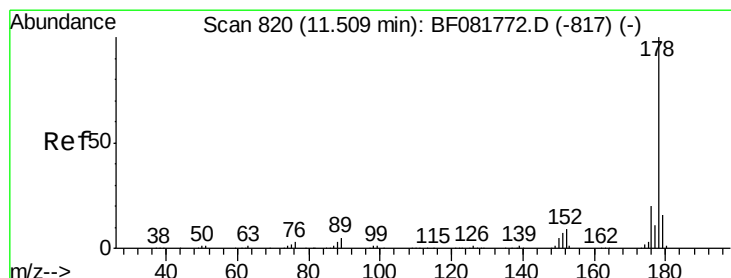
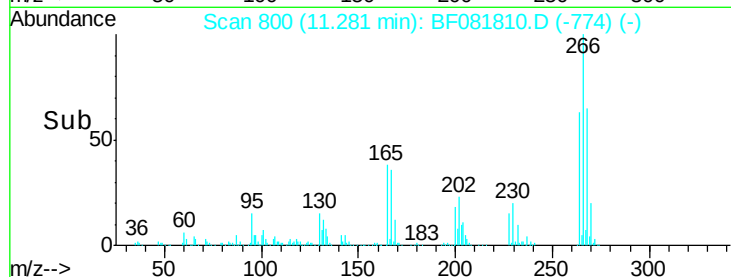
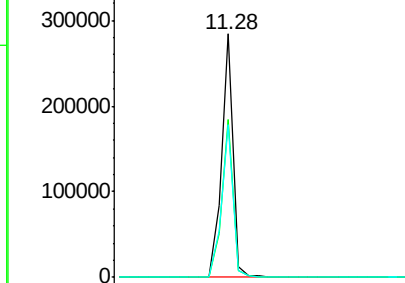
#69
 Pentachlorophenol
 Concen: 85.16 ng
 RT: 11.28 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion: 266 Resp: 267849
 Ion Ratio Lower Upper
 266 100
 268 64.6 49.8 74.6
 264 62.9 50.2 75.2

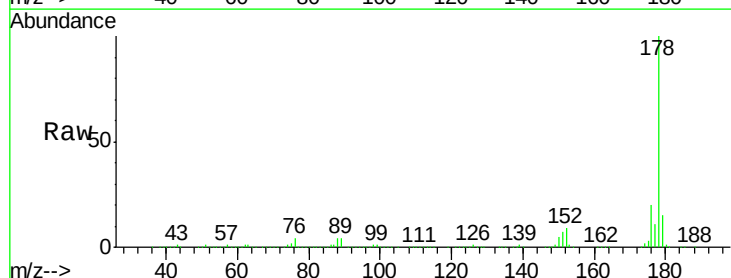


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

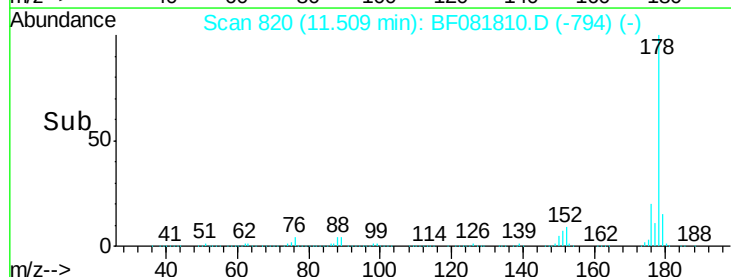
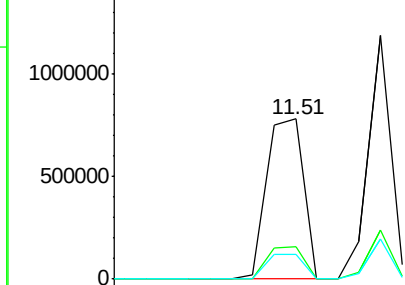


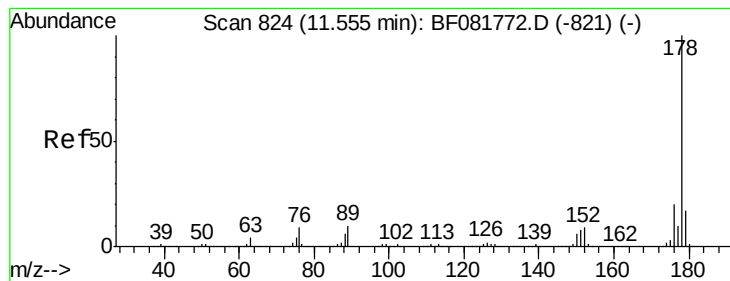
#70
 Phenanthrene
 Concen: 38.37 ng
 RT: 11.51 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081810.D
 Acq: 25 Sep 2015 18:54

Tgt Ion: 178 Resp: 1069524
 Ion Ratio Lower Upper
 178 100
 176 19.9 13.8 20.8
 179 15.4 12.2 18.2



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: 37.00 ng

RT: 11.55 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

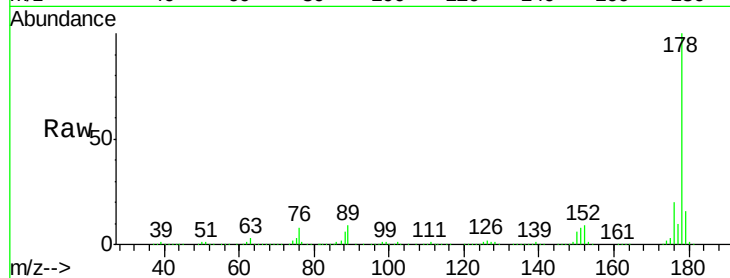
Tgt Ion:178 Resp: 993715

Ion Ratio Lower Upper

178 100

176 20.1 14.1 21.1

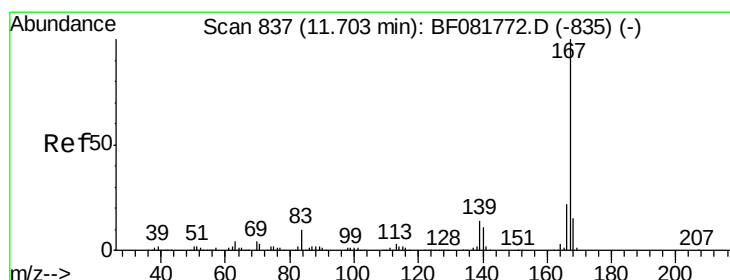
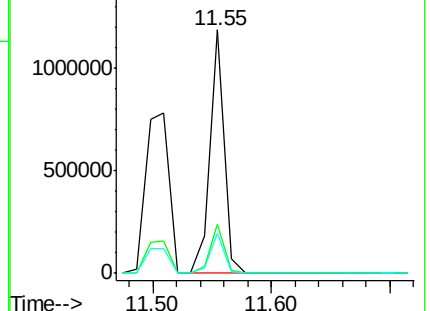
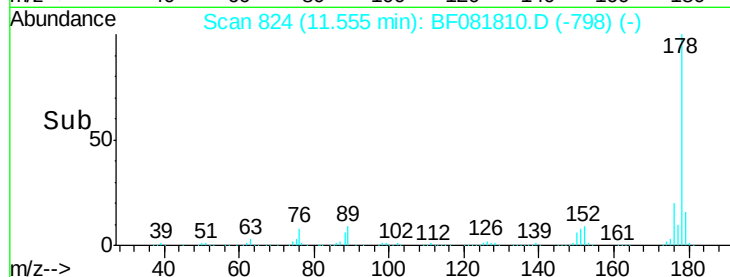
179 16.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.79 ng

RT: 11.70 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

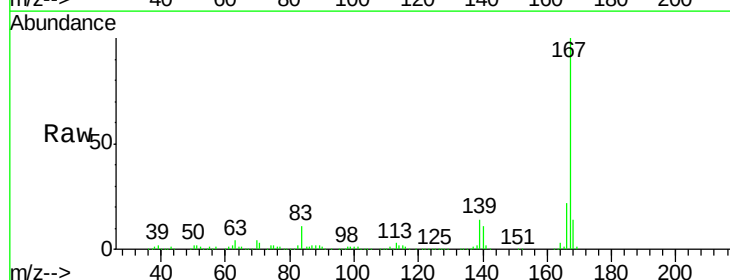
Tgt Ion:167 Resp: 892336

Ion Ratio Lower Upper

167 100

166 22.1 15.7 23.5

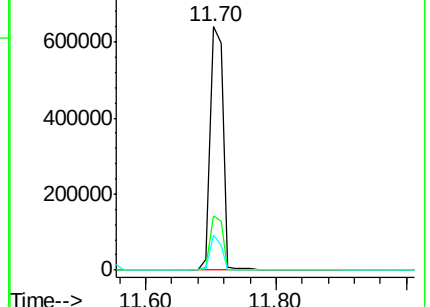
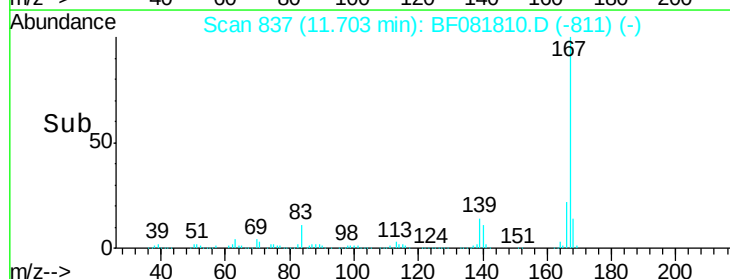
139 14.2 9.5 14.3

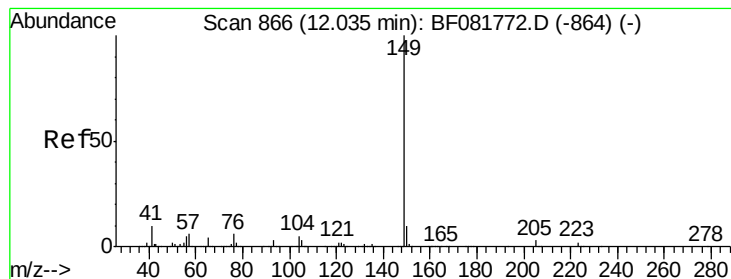


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.71 ng

RT: 12.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

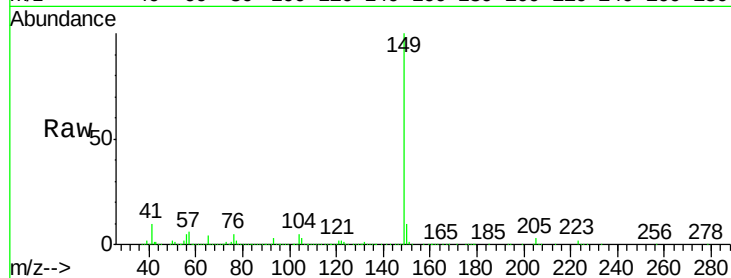
Tgt Ion:149 Resp: 1144471

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

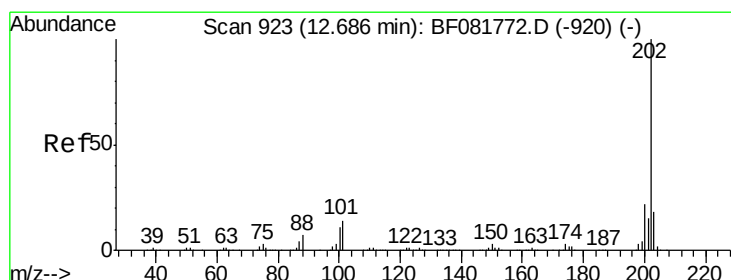
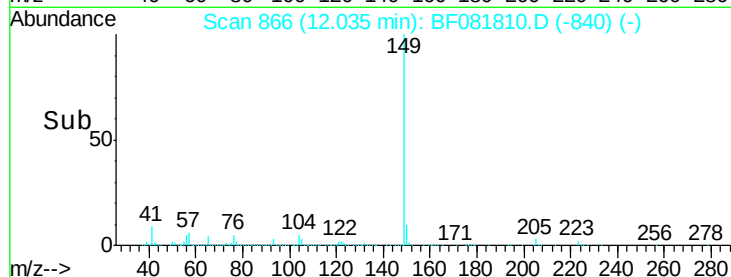
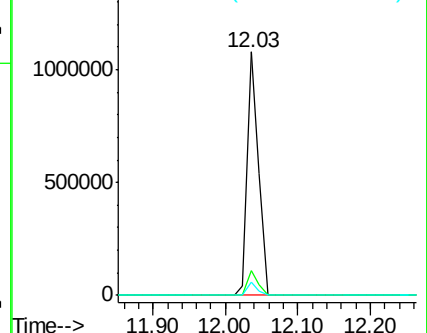
104 5.4 2.4 3.6#



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: 34.93 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

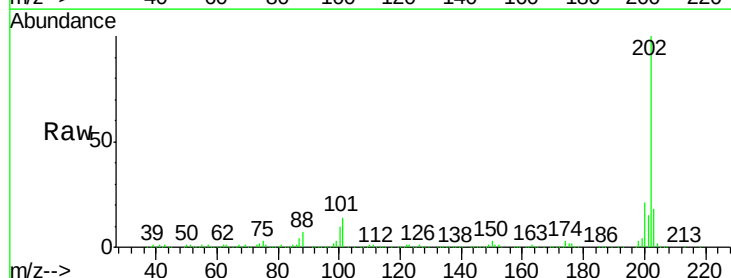
Tgt Ion:202 Resp: 981036

Ion Ratio Lower Upper

202 100

101 13.6 0.0 38.3

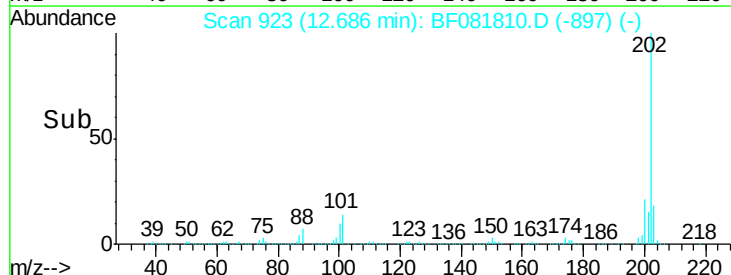
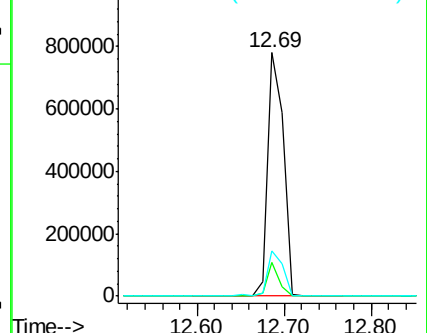
203 18.4 0.0 37.3

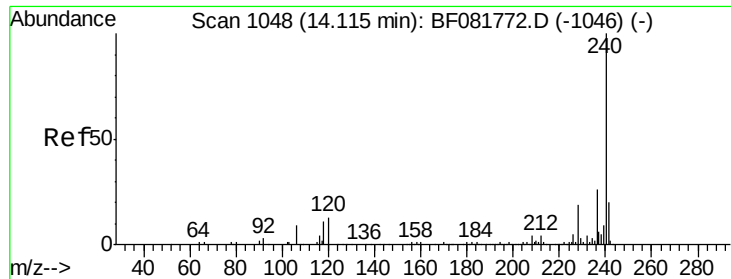


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

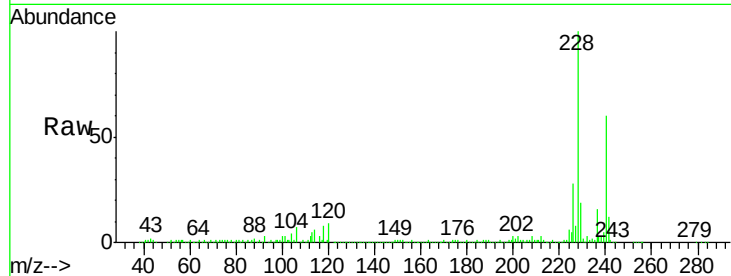
Tgt Ion:240 Resp: 330147

Ion Ratio Lower Upper

240 100

120 14.7 16.2 24.2#

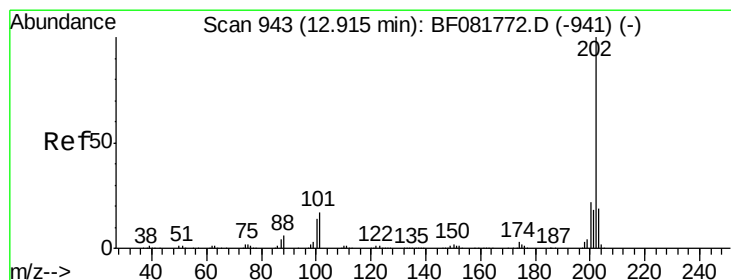
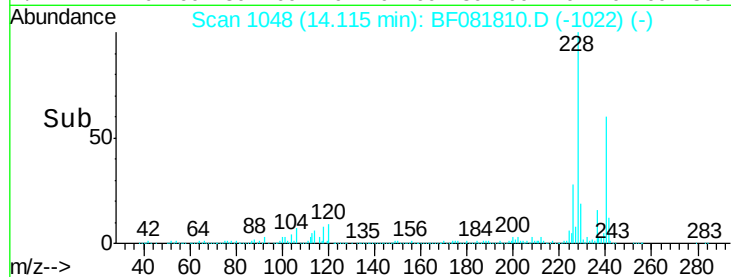
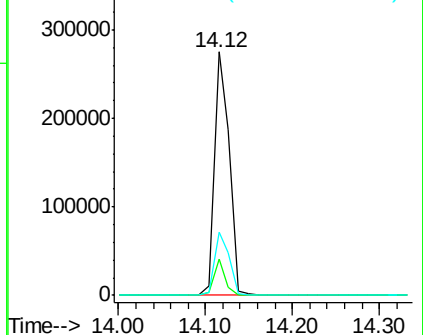
236 26.0 18.4 27.6



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



#77

Pyrene

Concen: 41.07 ng

RT: 12.93 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

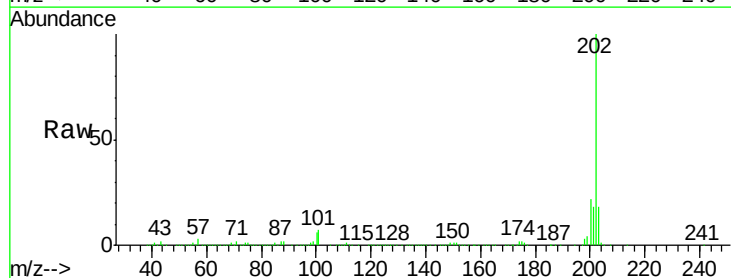
Tgt Ion:202 Resp: 1022225

Ion Ratio Lower Upper

202 100

200 22.1 15.0 22.4

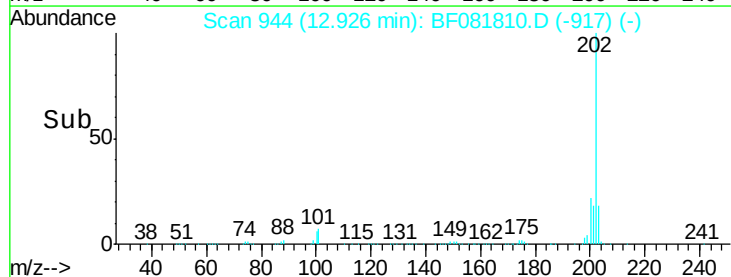
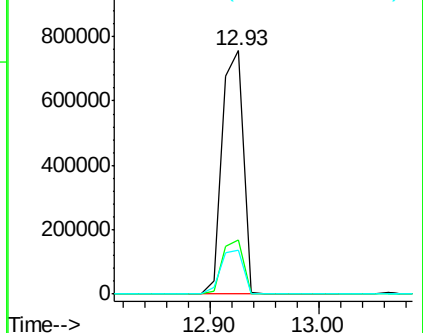
203 17.8 14.1 21.1

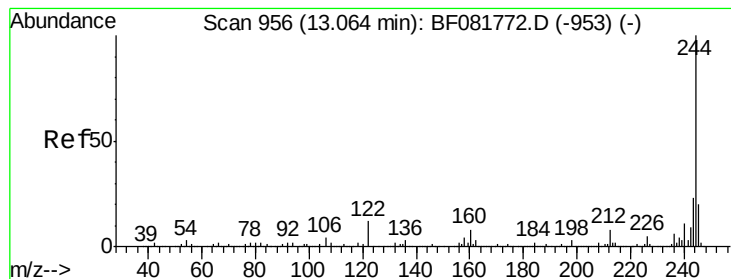


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.30 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

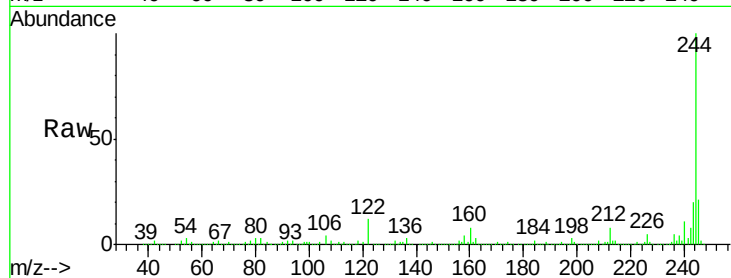
Tgt Ion:244 Resp: 1160513

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

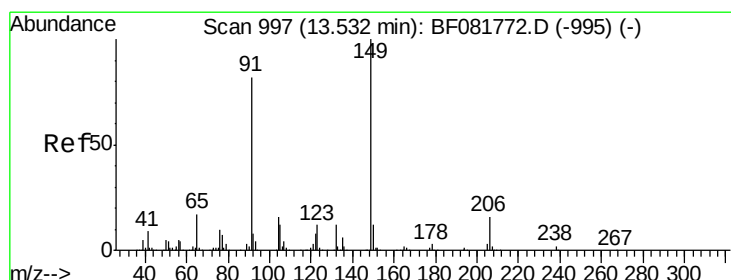
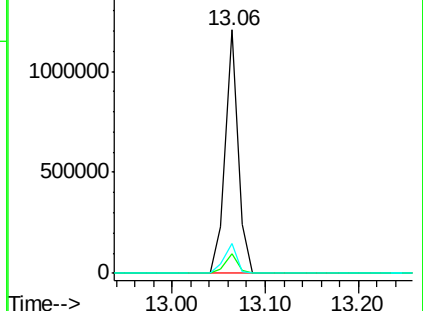
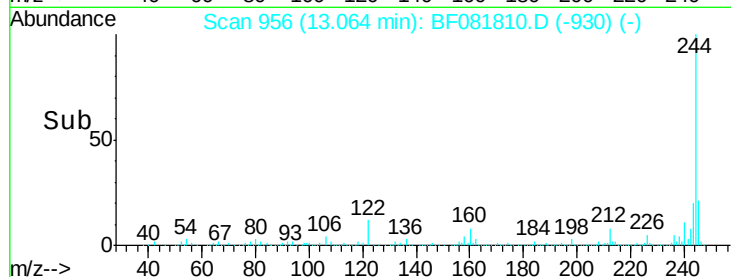
122 12.4 17.4 26.2#



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: 44.04 ng

RT: 13.54 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

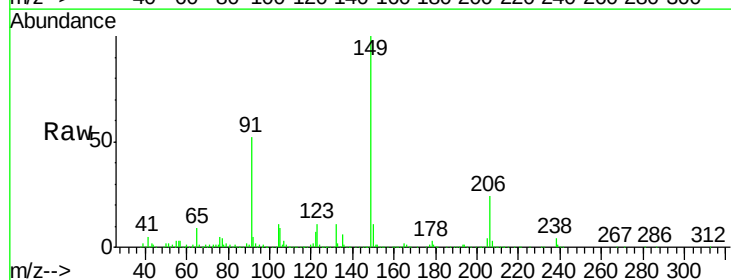
Tgt Ion:149 Resp: 436899

Ion Ratio Lower Upper

149 100

91 52.3 48.6 72.8

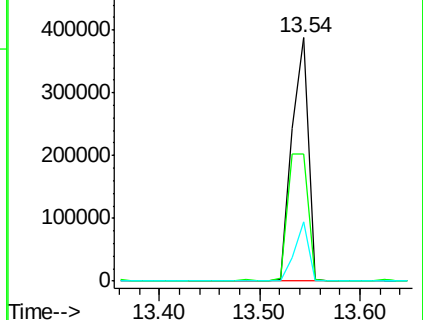
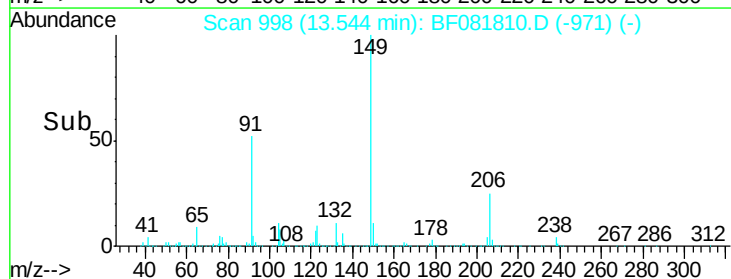
206 24.5 14.9 22.3#

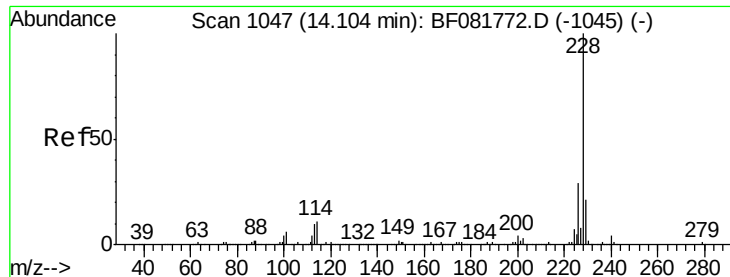


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.17 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampled :

SP-1MS

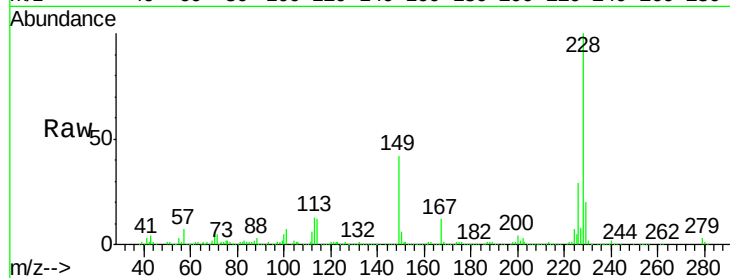
Tgt Ion:228 Resp: 764186

Ion Ratio Lower Upper

228 100

226 28.7 20.0 30.0

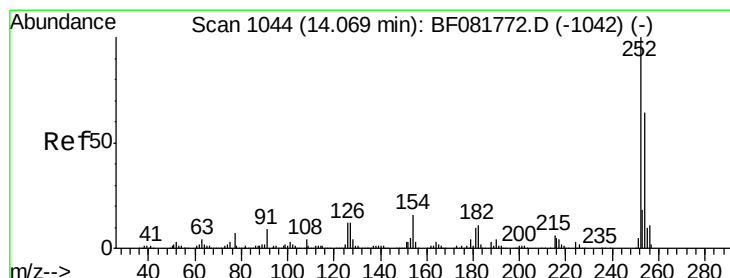
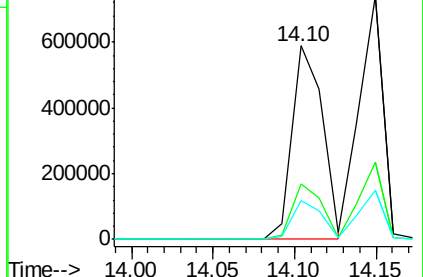
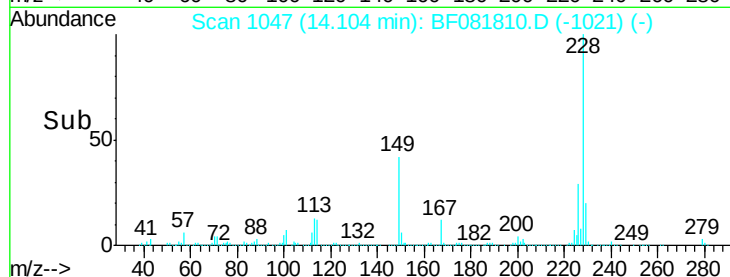
229 20.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 8.76 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

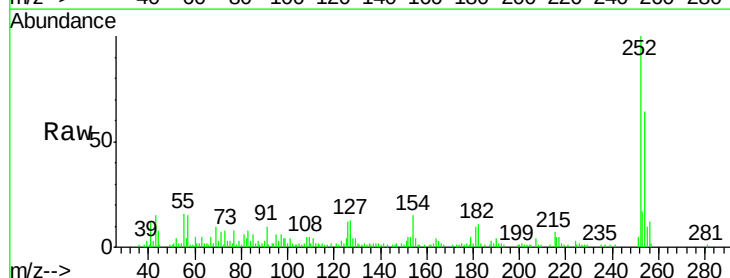
Tgt Ion:252 Resp: 55674

Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

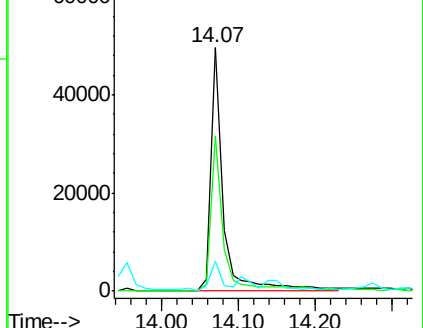
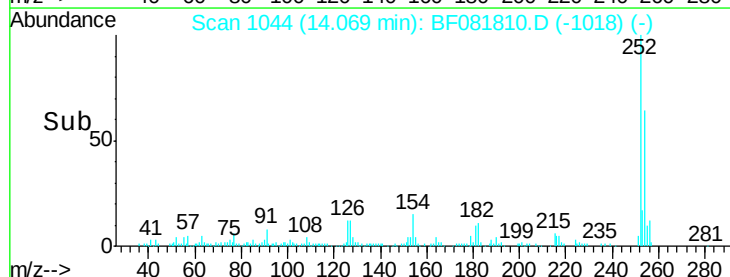
126 12.3 16.4 24.6#

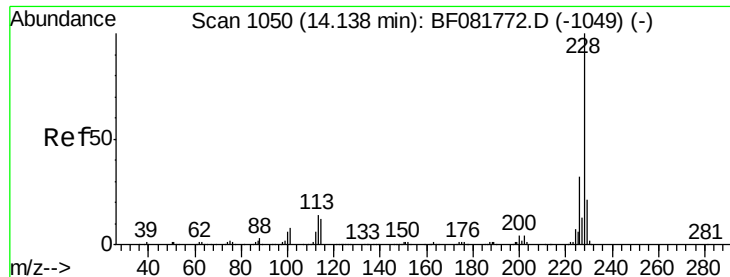


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.80 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampled :

SP-1MS

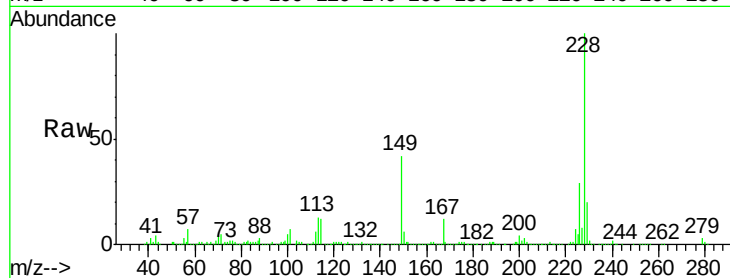
Tgt Ion: 228 Resp: 764186

Ion Ratio Lower Upper

228 100

226 28.7 21.0 31.4

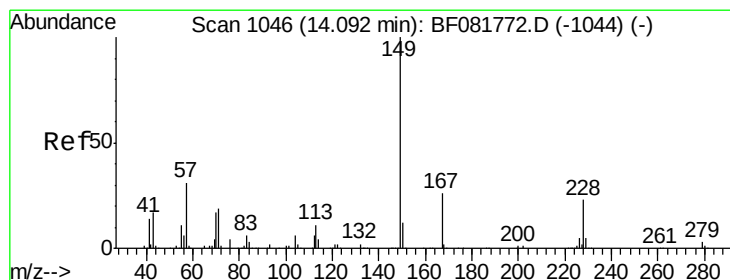
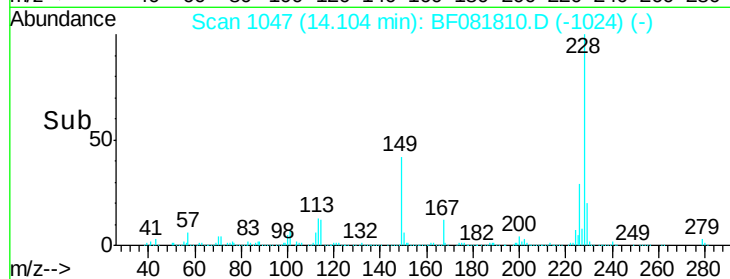
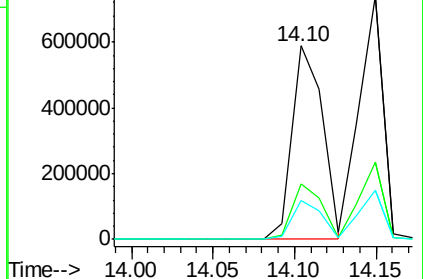
229 20.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.81 ng

RT: 14.09 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

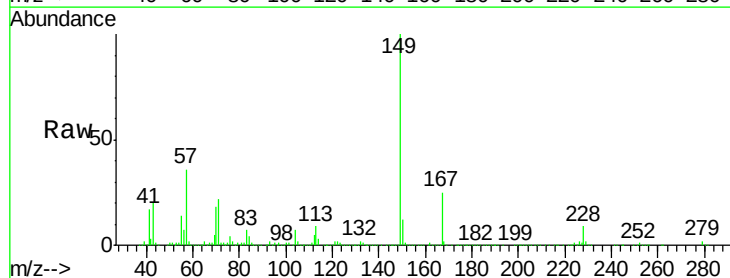
Tgt Ion: 149 Resp: 563005

Ion Ratio Lower Upper

149 100

167 25.2 24.2 36.2

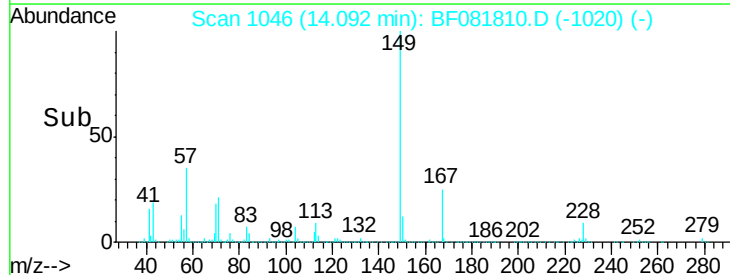
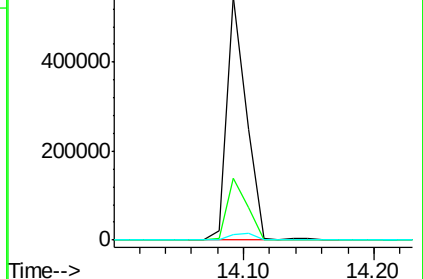
279 2.2 3.8 5.6#

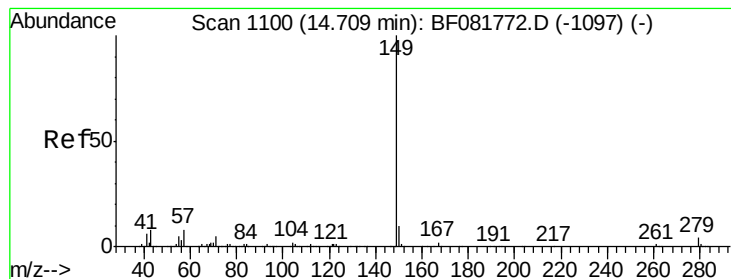


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 53.43 ng

RT: 14.71 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

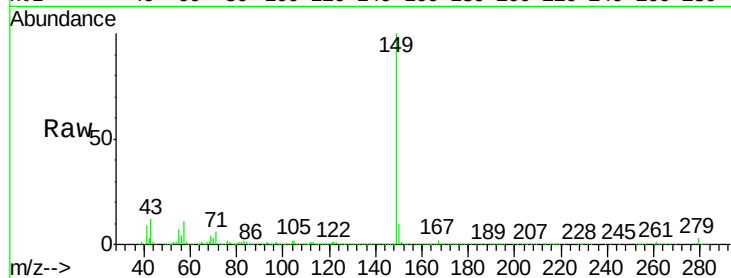
Tgt Ion:149 Resp: 944995

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

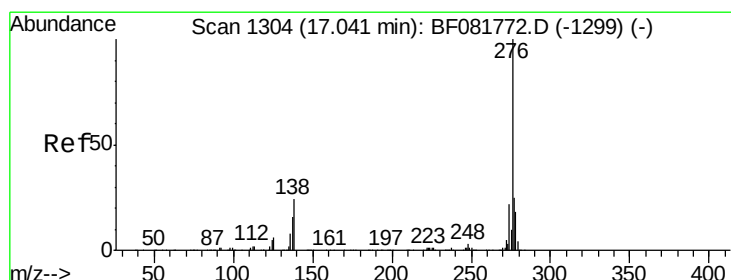
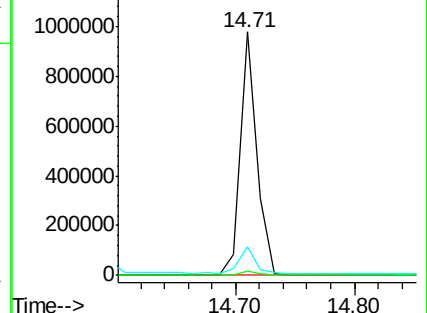
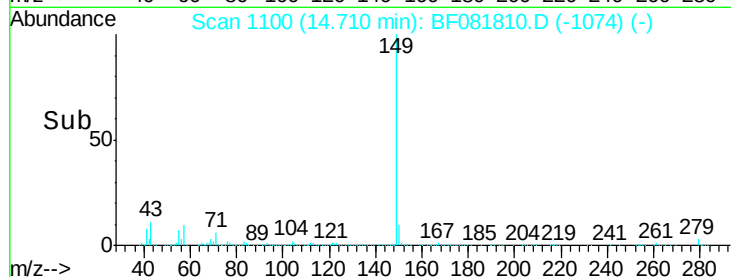
43 10.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.67 ng

RT: 17.06 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

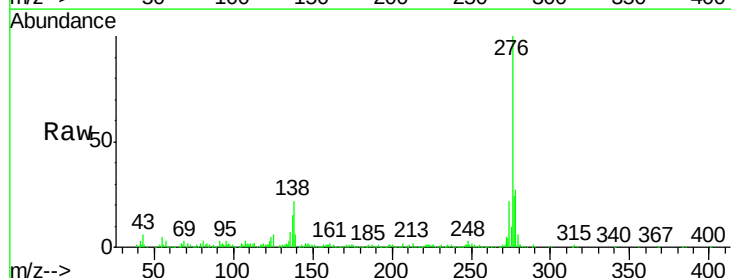
Tgt Ion:276 Resp: 837822

Ion Ratio Lower Upper

276 100

138 24.7 25.7 38.5#

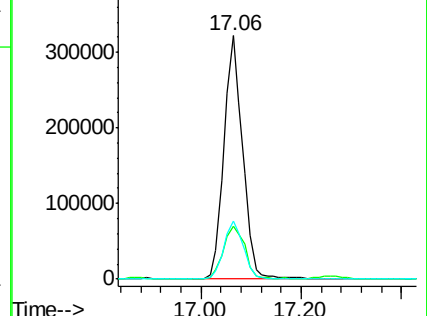
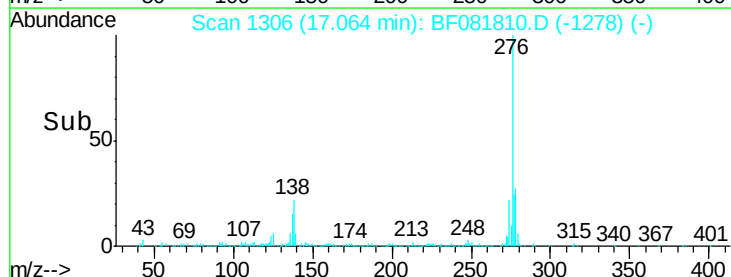
277 25.3 15.6 23.4#

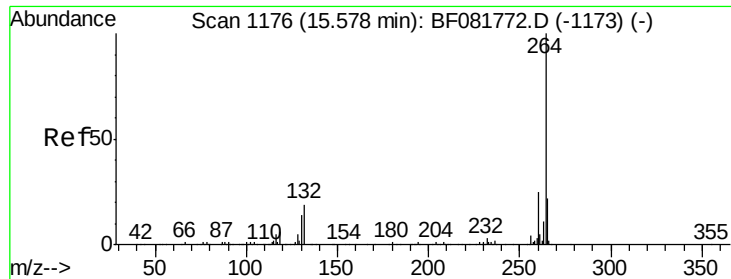


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



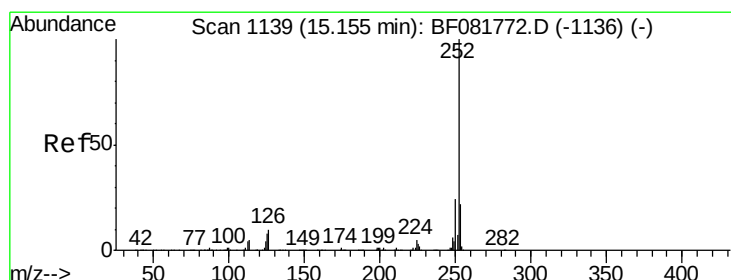
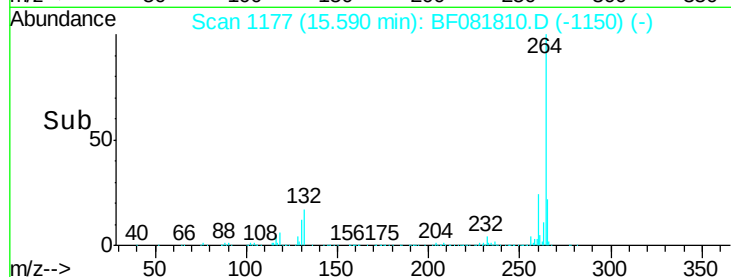
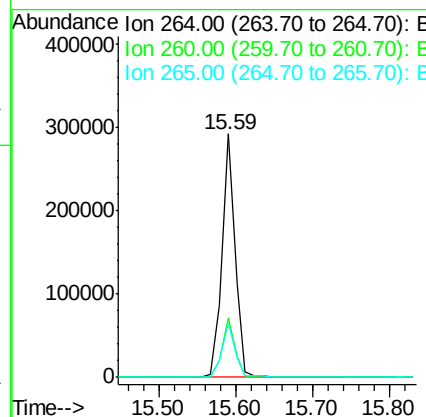
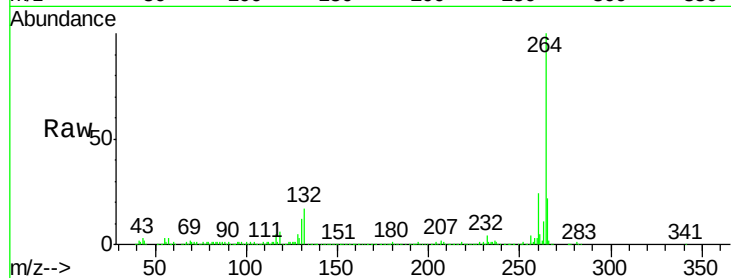


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tgt Ion: 264 Resp: 350617

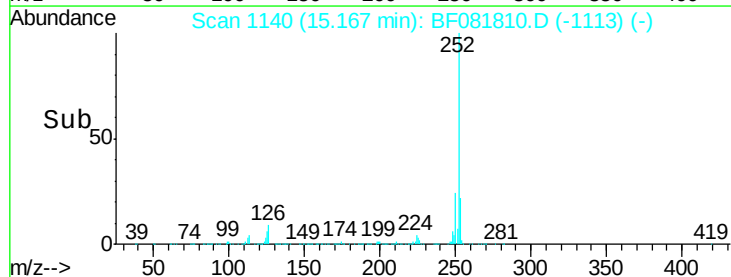
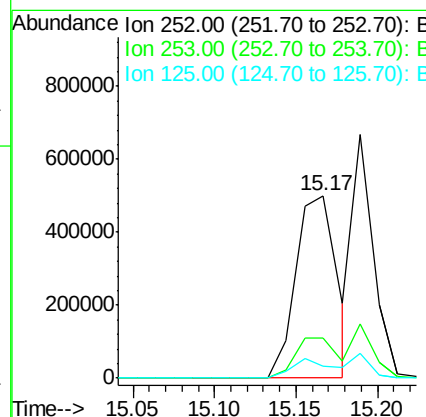
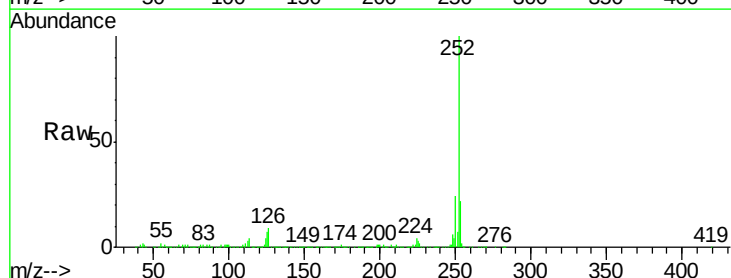
Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.0	17.2	25.8

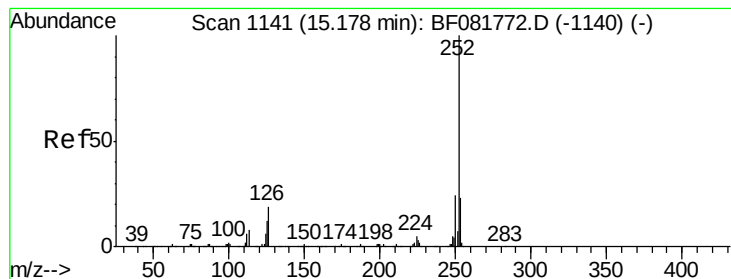


#87
Benzo(b)fluoranthene
Concen: 42.42 ng
RT: 15.17 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 252 Resp: 882018

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	6.7	17.1	25.7#





#88

Benzo(k)fluoranthene

Concen: 44.04 ng

RT: 15.17 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SP-1MS

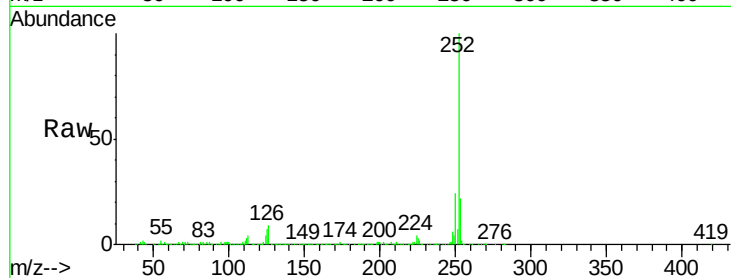
Tgt Ion:252 Resp: 882018

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

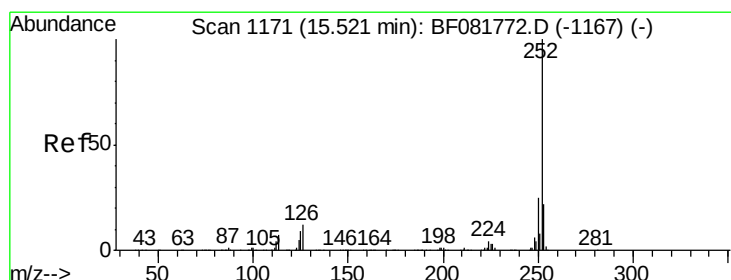
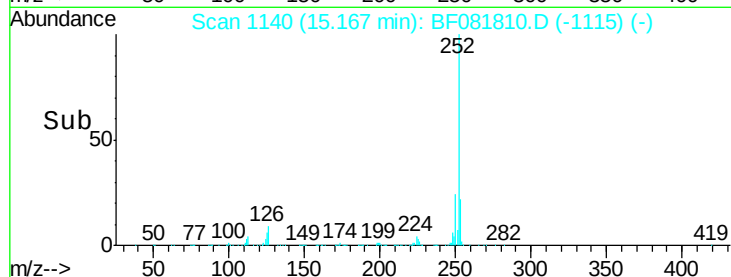
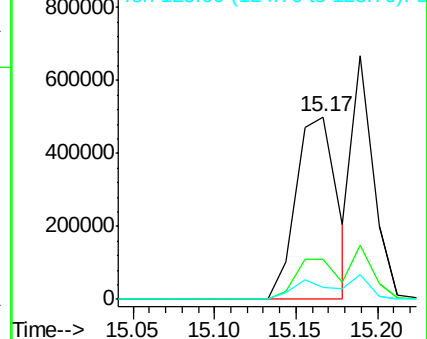
125 6.7 16.0 24.0#



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: 39.28 ng

RT: 15.53 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF081810.D

Acq: 25 Sep 2015 18:54

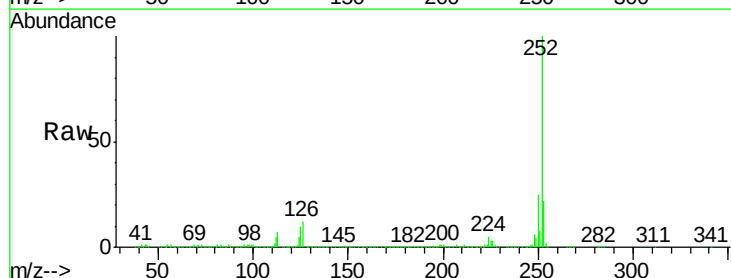
Tgt Ion:252 Resp: 737329

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

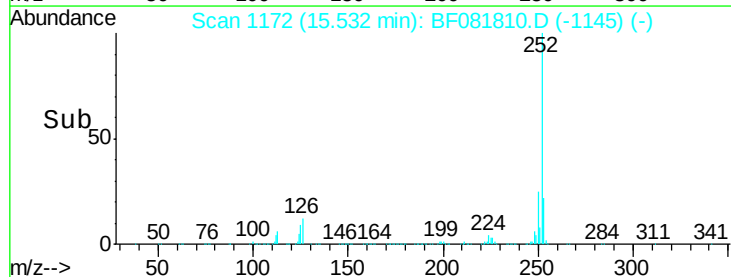
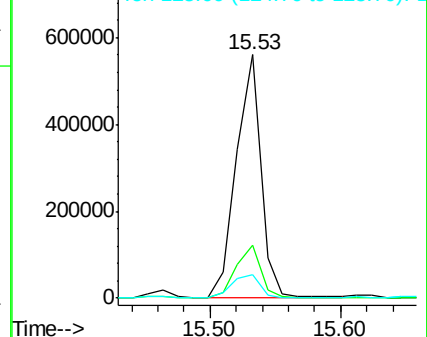
125 9.5 18.0 27.0#

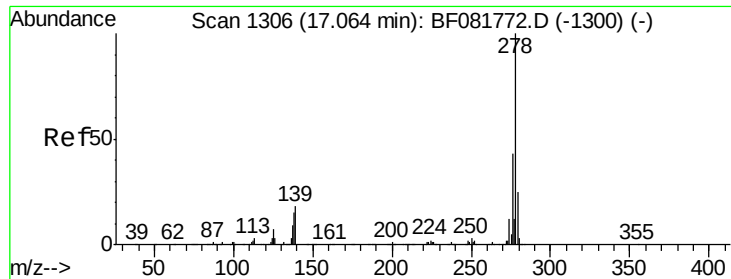


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

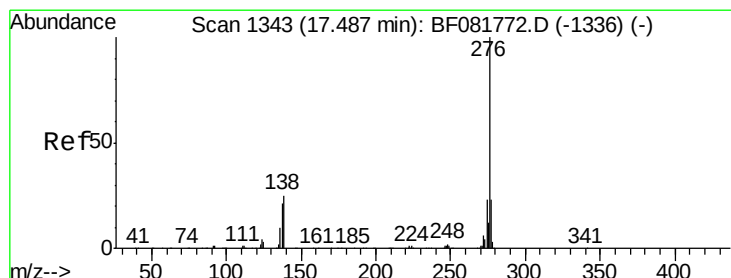
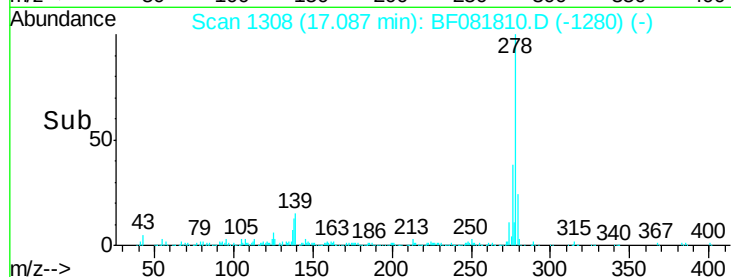
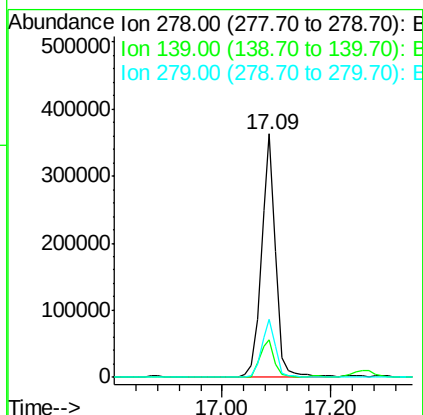
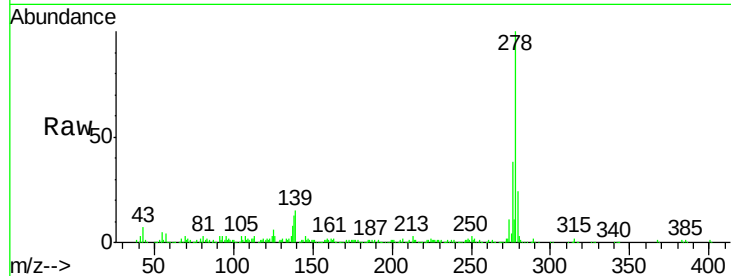




#90
Dibenzo(a,h)anthracene
Concen: 34.29 ng
RT: 17.09 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tgt Ion: 278 Resp: 670847
Ion Ratio Lower Upper
278 100
139 15.3 26.3 39.5#
279 23.8 18.2 27.4



#91
Benzo(g,h,i)perylene
Concen: 33.70 ng
RT: 17.52 min Scan# 1346
Delta R.T. 0.03 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 276 Resp: 679668
Ion Ratio Lower Upper
276 100
277 23.2 17.8 26.6
138 18.8 34.6 51.8#

