

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092231.D
 Acq On : 13 Jan 2017 3:20
 Operator : UM/SJ
 Sample : I1131-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Quant Time: Jan 13 06:46:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	169370	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	786774	20.00	ng	-0.05
38) Acenaphthene-d10	9.64	164	347977	20.00	ng	-0.05
63) Phenanthrene-d10	11.11	188	486795	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	310006	20.00	ng	-0.05
86) Perylene-d12	15.10	264	351067	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1518970	149.75	ng	-0.03
7) Phenol-d6	6.28	99	1935127	156.26	ng	-0.03
23) Nitrobenzene-d5	7.17	82	1047801	74.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	318891	110.73	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1780774	108.41	ng	-0.05
78) Terphenyl-d14	12.69	244	1037056	81.13	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	183029	36.65	ng	96
3) Pyridine	2.70	79	549641	31.54	ng	98
4) n-Nitrosodimethylamine	2.65	42	248968	37.87	ng	95
6) Aniline	6.26	93	359479	22.35	ng	# 64
8) 2-Chlorophenol	6.39	128	513794	44.53	ng	91
9) Benzaldehyde	6.14	77	33026	3.35	ng	98
10) Phenol	6.29	94	670199	47.49	ng	# 62
11) bis(2-Chloroethyl)ether	6.34	93	508397	45.28	ng	96
12) 1,3-Dichlorobenzene	6.54	146	502851	40.82	ng	98
13) 1,4-Dichlorobenzene	6.61	146	445631	35.54	ng	98
14) 1,2-Dichlorobenzene	6.77	146	434327	39.92	ng	99
15) Benzyl Alcohol	6.76	79	347142	36.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	625180	37.39	ng	52
17) 2-Methylphenol	6.89	107	352457	37.98	ng	# 85
18) Hexachloroethane	7.11	117	168507	36.25	ng	91
19) n-Nitroso-di-n-propylamine	7.03	70	349066	42.37	ng	96
20) 3+4-Methylphenols	7.04	107	489451	44.22	ng	# 70
22) Acetophenone	7.02	105	656868	33.85	ng	# 92
24) Nitrobenzene	7.19	77	528730	35.09	ng	96
25) Isophorone	7.43	82	1021842	39.14	ng	95
26) 2-Nitrophenol	7.51	139	295731	39.79	ng	# 87
27) 2,4-Dimethylphenol	7.57	122	471477	38.25	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	626159	39.56	ng	99
29) 2,4-Dichlorophenol	7.76	162	427003	40.91	ng	93
30) 1,2,4-Trichlorobenzene	7.83	180	437608	38.26	ng	96
31) Naphthalene	7.91	128	1433823	39.82	ng	98
32) Benzoic acid	7.67	122	25543	2.79	ng	94
33) 4-Chloroaniline	7.97	127	200471	12.35	ng	96
34) Hexachlorobutadiene	8.02	225	224072	37.11	ng	99
35) Caprolactam	8.33	113	114791	33.47	ng	# 64
36) 4-Chloro-3-methylphenol	8.47	107	435564	36.27	ng	95
37) 2-Methylnaphthalene	8.60	142	922587	40.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	421332	47.92	ng	98
40) Hexachlorocyclopentadiene	8.76	237	172059	45.74	ng	98

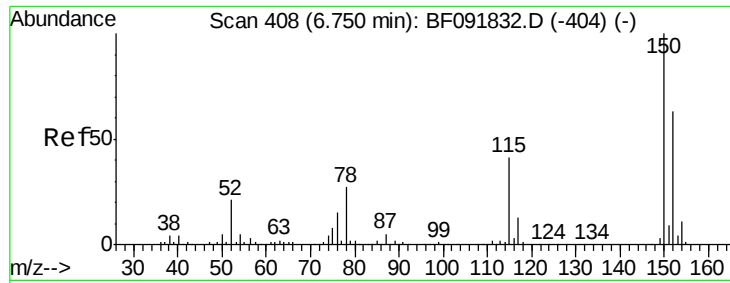
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	279368	45.44	ng	99
43) 2,4,5-Trichlorophenol	8.94	196	292922	46.29	ng	93
45) 1,1'-Biphenyl	9.06	154	1272218	53.40	ng	98
46) 2-Chloronaphthalene	9.09	162	938886	49.76	ng	98
47) 2-Nitroaniline	9.19	65	280133	41.70	ng	97
48) Acenaphthylene	9.50	152	1176132	40.53	ng	98
49) Dimethylphthalate	9.37	163	1161507	52.19	ng	98
50) 2,6-Dinitrotoluene	9.44	165	183506	37.67	ng	# 70
51) Acenaphthene	9.67	154	759653	38.61	ng	99
52) 3-Nitroaniline	9.60	138	148704	24.67	ng	90
53) 2,4-Dinitrophenol	9.72	184	53539	19.75	ng	# 59
54) Dibenzofuran	9.84	168	1022964	38.50	ng	94
55) 4-Nitrophenol	9.80	139	226432	55.32	ng	98
56) 2,4-Dinitrotoluene	9.84	165	254831	41.68	ng	94
57) Fluorene	10.18	166	768818	39.77	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	199206	39.80	ng	96
59) Diethylphthalate	10.07	149	883443	40.87	ng	98
60) 4-Chlorophenyl-phenylether	10.17	204	323675	38.24	ng	99
61) 4-Nitroaniline	10.22	138	187165	29.96	ng	81
62) Azobenzene	10.33	77	922772	38.78	ng	98
64) 4,6-Dinitro-2-methylphenol	10.25	198	90639	30.79	ng	98
65) n-Nitrosodiphenylamine	10.30	169	702011	48.60	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	227504	44.93	ng	# 84
67) Hexachlorobenzene	10.72	284	214661	39.66	ng	# 80
68) Atrazine	10.84	200	229954	49.35	ng	96
69) Pentachlorophenol	10.93	266	169052	63.65	ng	98
70) Phenanthrene	11.13	178	1303971	49.40	ng	99
71) Anthracene	11.19	178	1150932	51.88	ng	98
72) Carbazole	11.35	167	992019	46.17	ng	97
73) Di-n-butylphthalate	11.68	149	1160666	46.55	ng	99
74) Fluoranthene	12.32	202	1437892	63.68	ng	90
76) Benzidine	12.45	184	166453	17.58	ng	97
77) Pyrene	12.54	202	1220698	53.67	ng	99
79) Butylbenzylphthalate	13.17	149	406872	39.33	ng	96
80) Benzo(a)anthracene	13.73	228	997285	56.99	ng	99
81) 3,3'-Dichlorobenzidine	13.69	252	173902	26.21	ng	98
82) Chrysene	13.76	228	748539	42.64	ng	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	534294	43.86	ng	# 97
84) Di-n-octyl phthalate	14.35	149	1006453	44.60	ng	98
85) Indeno(1,2,3-cd)pyrene	16.35	276	812148	53.41	ng	100
87) Benzo(b)fluoranthene	14.76	252	1847496	84.53	ng	# 97
88) Benzo(k)fluoranthene	14.76	252	1847496	99.12	ng	98
89) Benzo(a)pyrene	15.04	252	918705	47.36	ng	99
90) Dibenzo(a,h)anthracene	16.36	278	625536	39.23	ng	96
91) Benzo(g,h,i)perylene	16.71	276	687591	41.47	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

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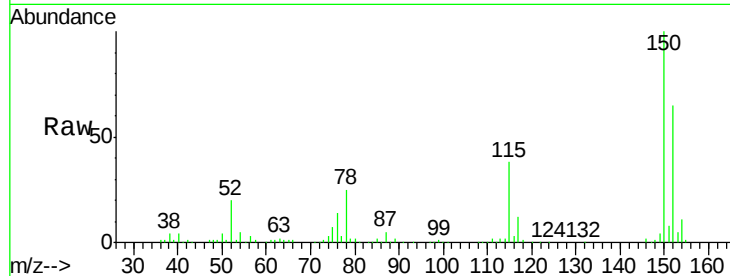
Tgt Ion:152 Resp: 169370

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

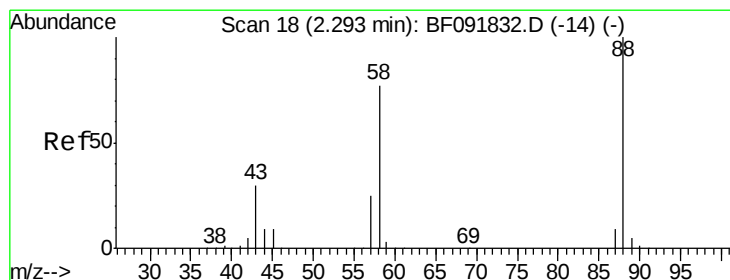
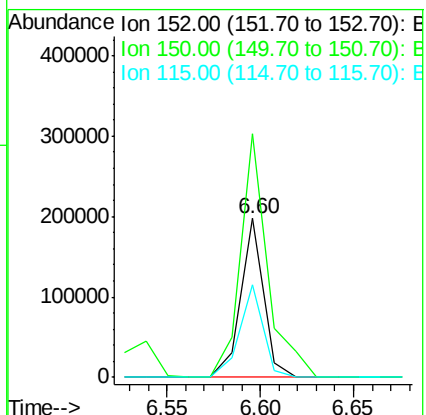
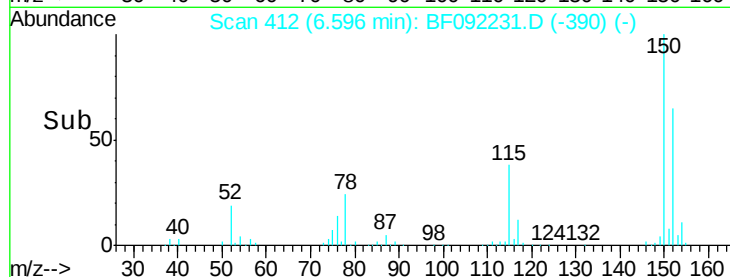
115 58.4 46.0 69.0



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: 36.65 ng

RT: 2.07 min Scan# 16

Delta R.T. -0.01 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

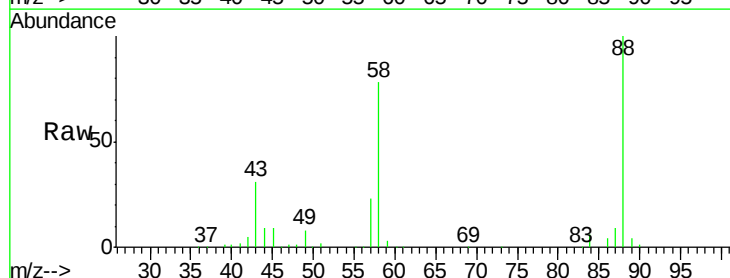
Tgt Ion: 88 Resp: 183029

Ion Ratio Lower Upper

88 100

58 75.3 57.8 86.8

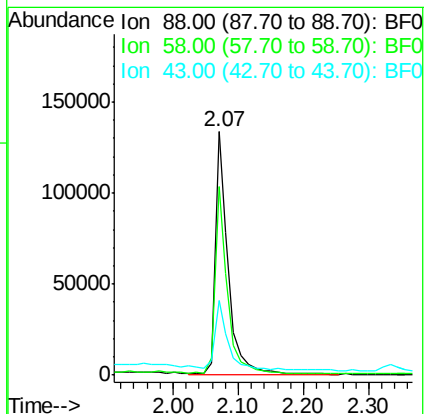
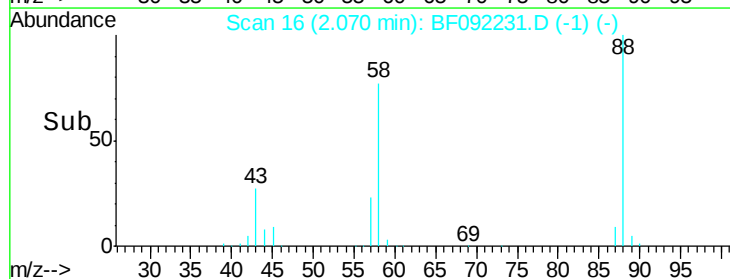
43 30.1 22.3 33.5

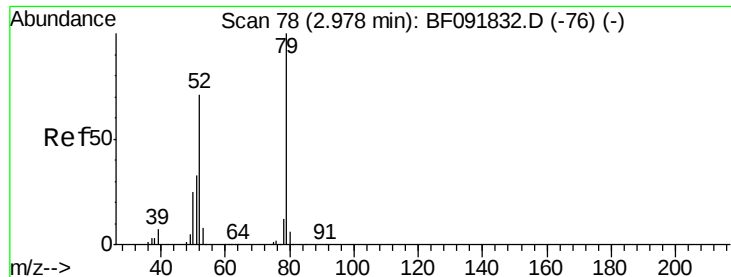


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.54 ng

RT: 2.70 min Scan# 71

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

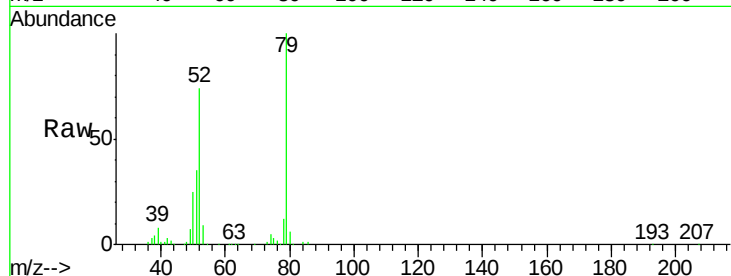
Tgt Ion: 79 Resp: 549641

Ion Ratio Lower Upper

79 100

52 73.5 57.1 85.7

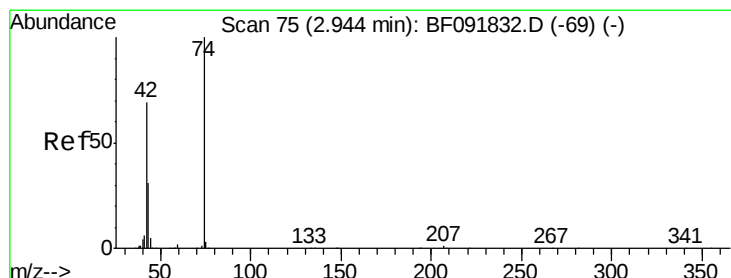
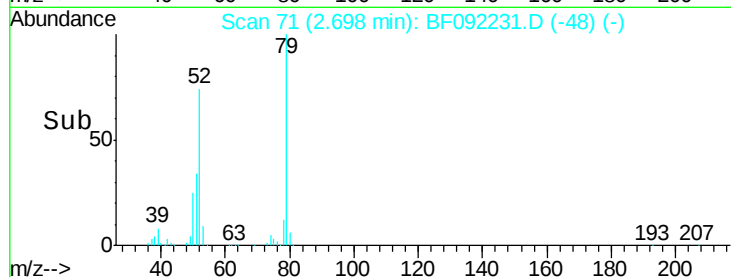
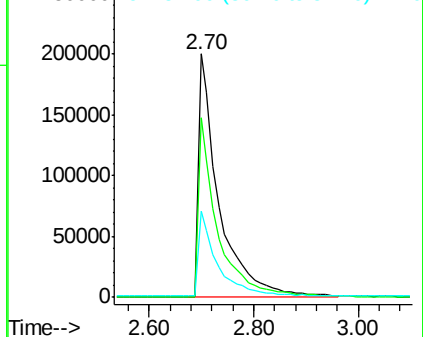
51 35.1 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.87 ng

RT: 2.65 min Scan# 67

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

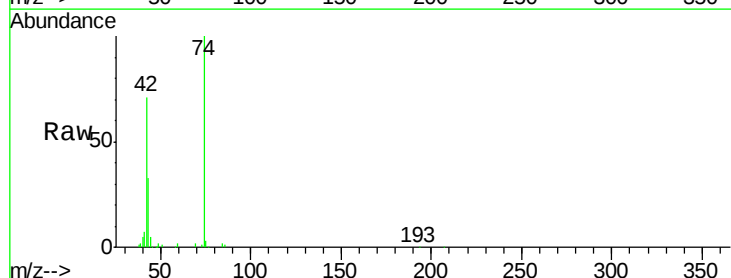
Tgt Ion: 42 Resp: 248968

Ion Ratio Lower Upper

42 100

74 140.3 117.0 175.4

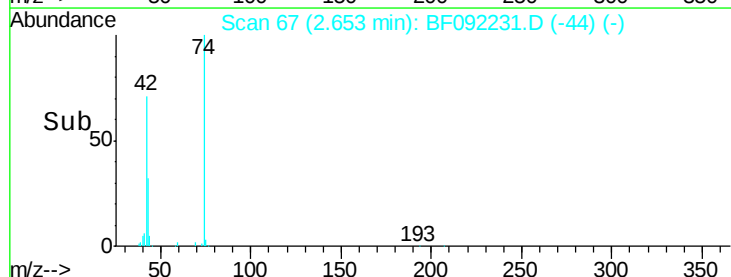
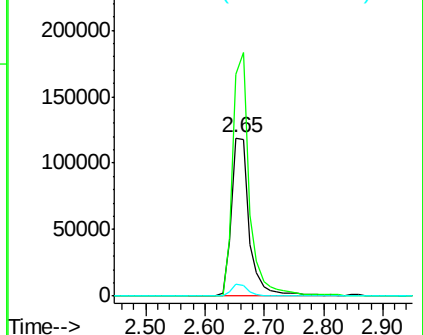
44 7.3 5.5 8.3

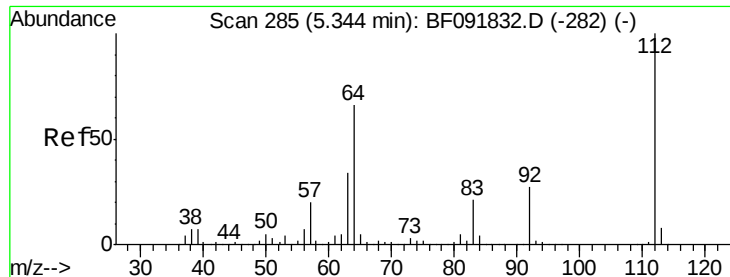


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 149.75 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

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ClientSampleId :

SW-001MS

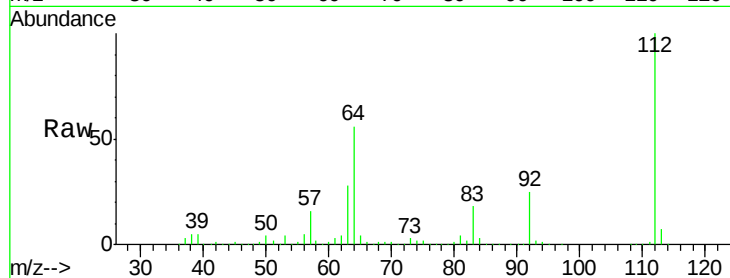
Tgt Ion: 112 Resp: 1518970

Ion Ratio Lower Upper

112 100

64 56.3 46.1 69.1

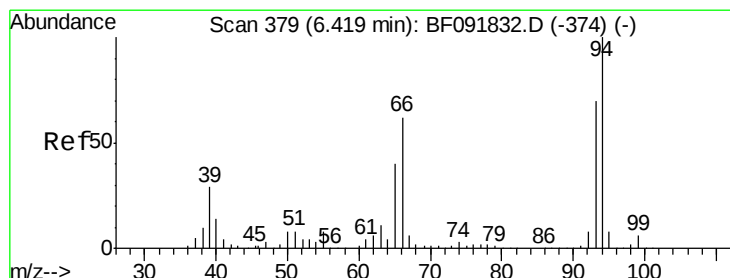
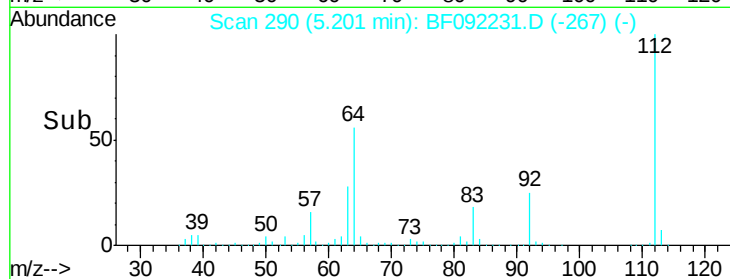
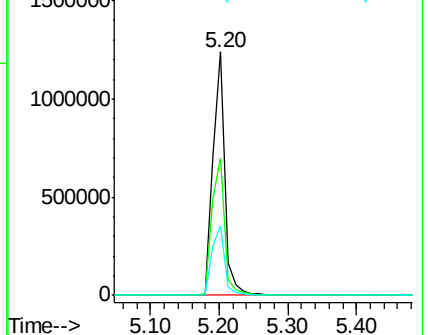
63 28.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.35 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

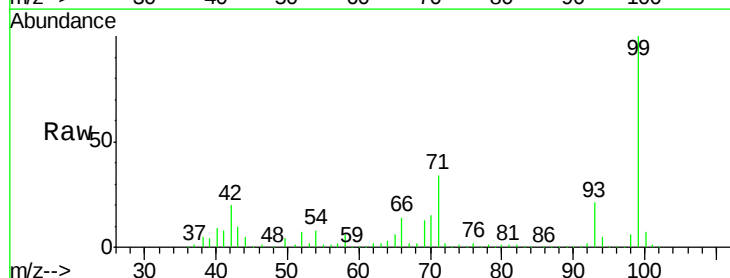
Tgt Ion: 93 Resp: 359479

Ion Ratio Lower Upper

93 100

66 65.9 76.2 114.2#

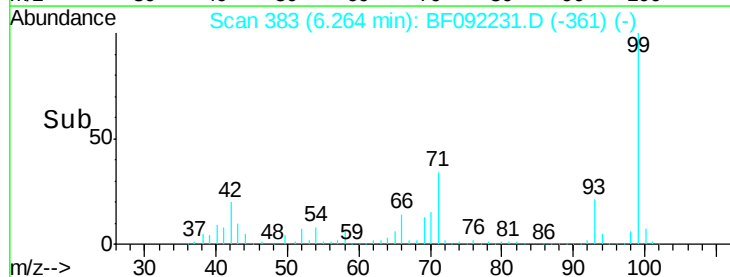
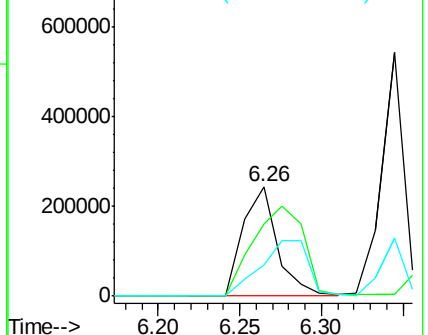
65 27.8 49.3 73.9#

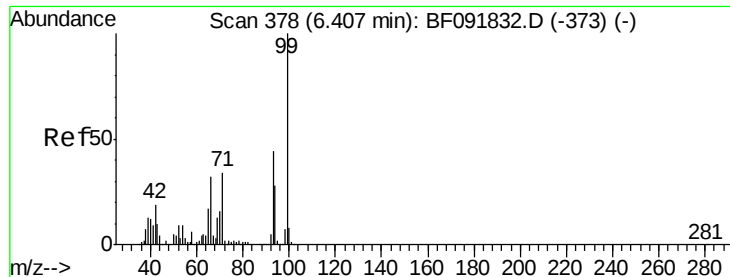


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 156.26 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

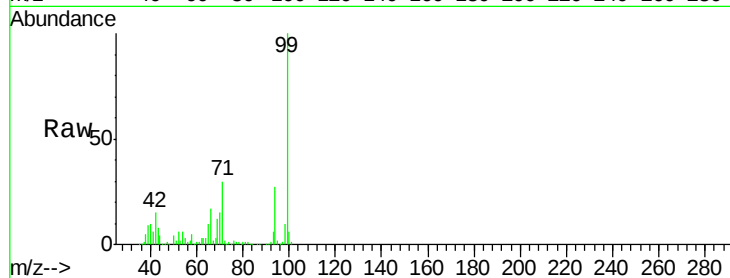
BNA_F

ClientSampleId :

SW-001MS

Tgt Ion: 99 Resp: 1935127

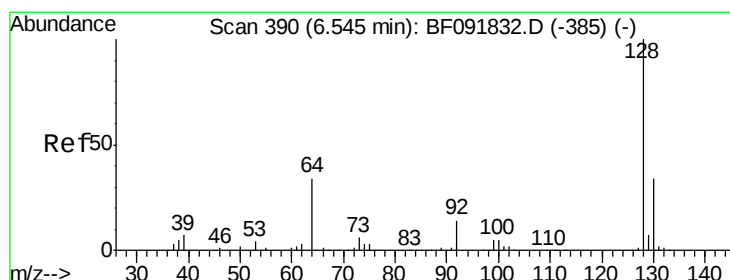
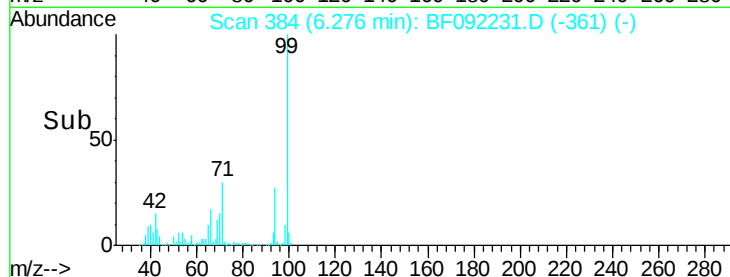
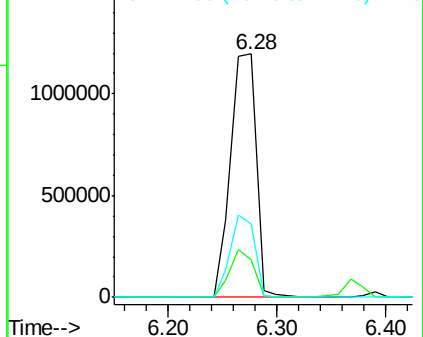
Ion	Ratio	Lower	Upper
99	100		
42	15.4	15.6	23.4#
71	30.2	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.53 ng

RT: 6.39 min Scan# 394

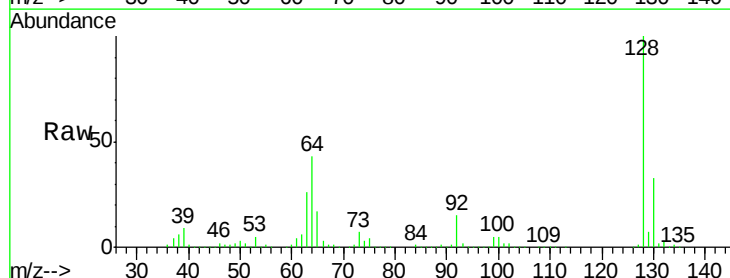
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion: 128 Resp: 513794

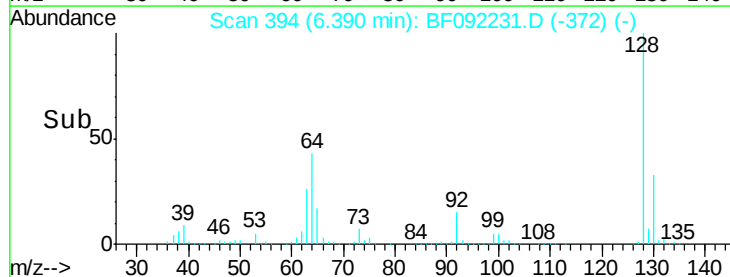
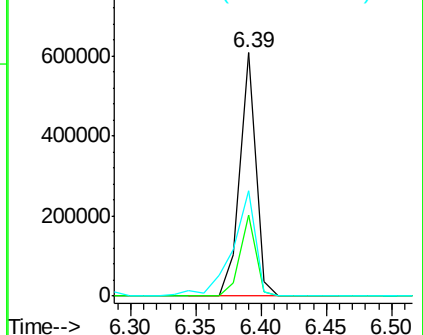
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	43.1	32.2	72.2

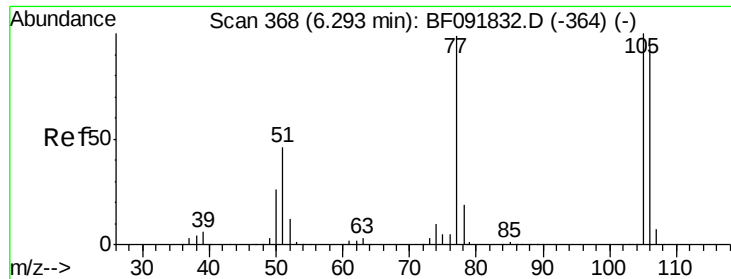


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.35 ng

RT: 6.14 min Scan# 372

Delta R.T. -0.05 min

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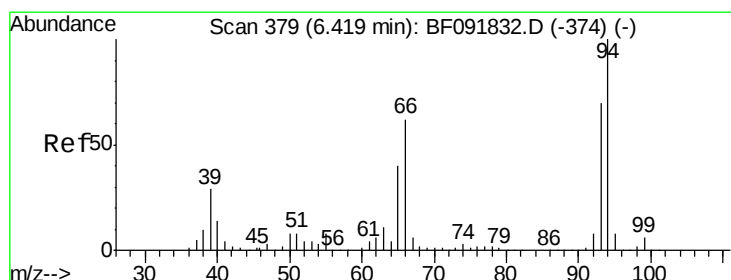
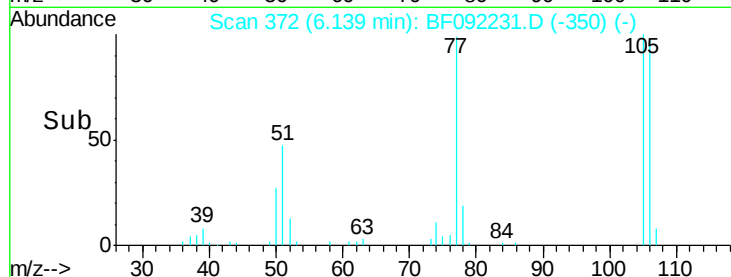
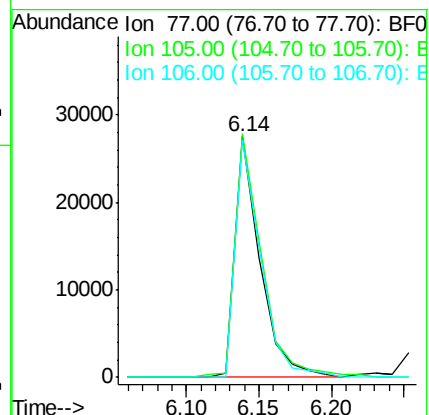
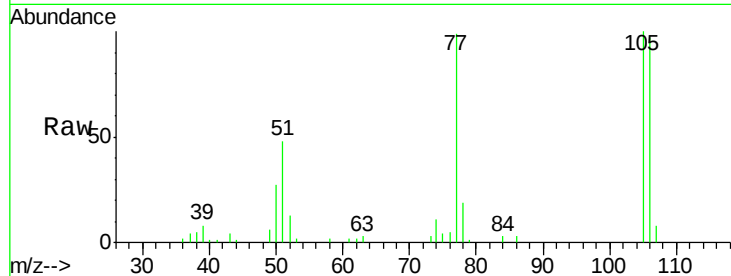
Tgt Ion: 77 Resp: 33026

Ion Ratio Lower Upper

77 100

105 101.0 83.9 123.9

106 98.3 77.6 117.6



#10

Phenol

Concen: 47.49 ng

RT: 6.29 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

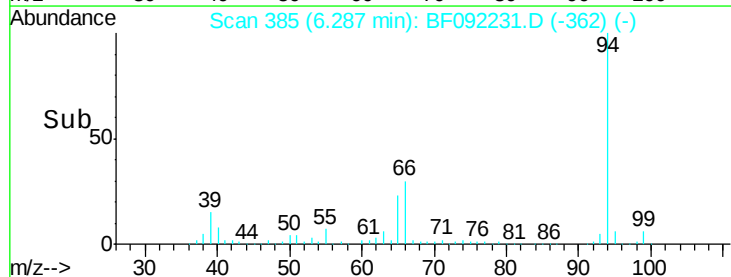
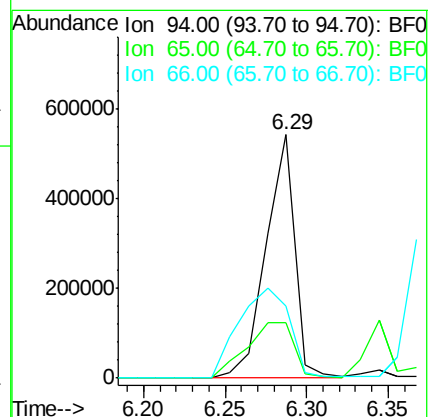
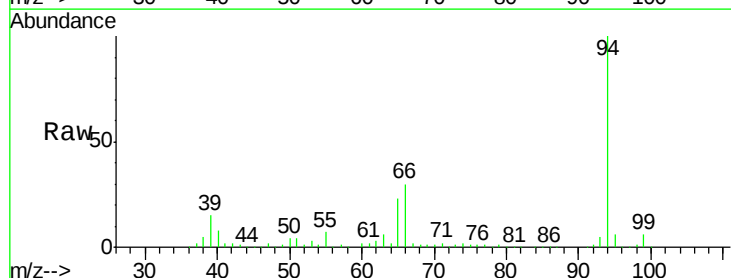
Tgt Ion: 94 Resp: 670199

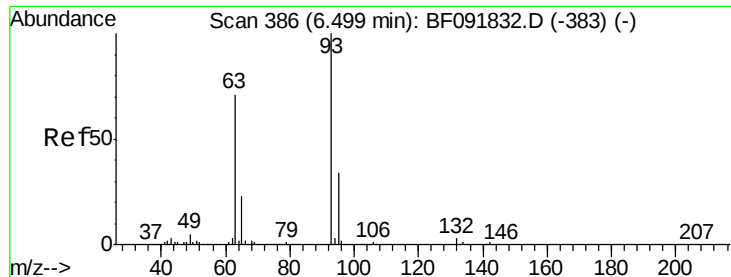
Ion Ratio Lower Upper

94 100

65 22.8 21.4 61.4

66 29.8 44.0 84.0#

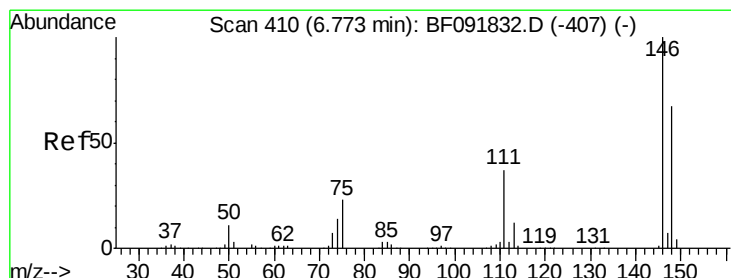
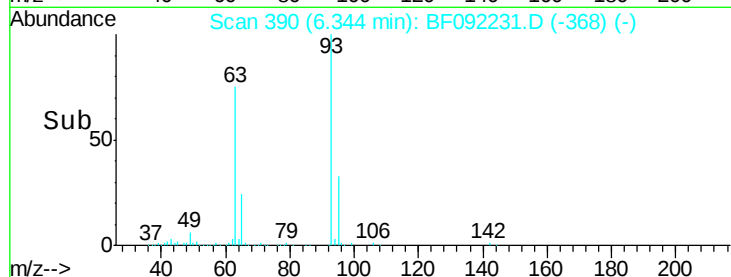
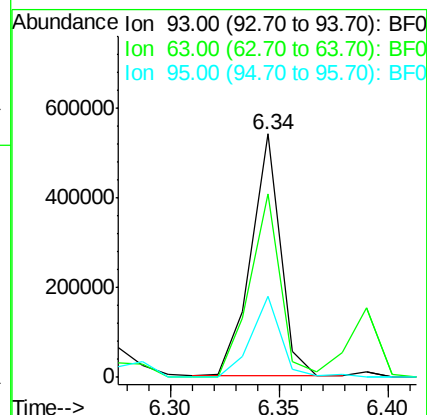
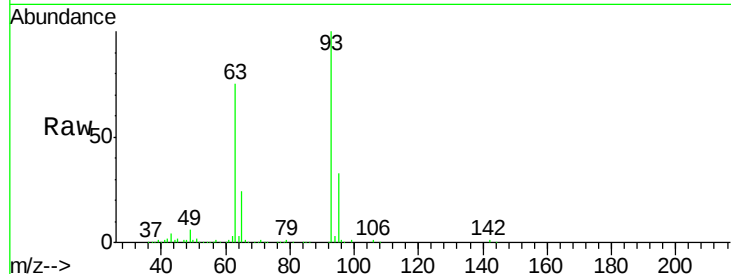




#11
bis(2-Chloroethyl)ether
Concen: 45.28 ng
RT: 6.34 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

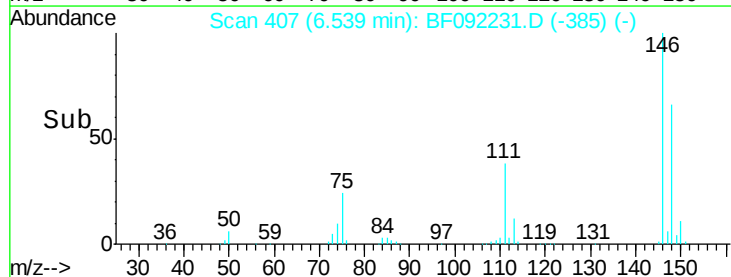
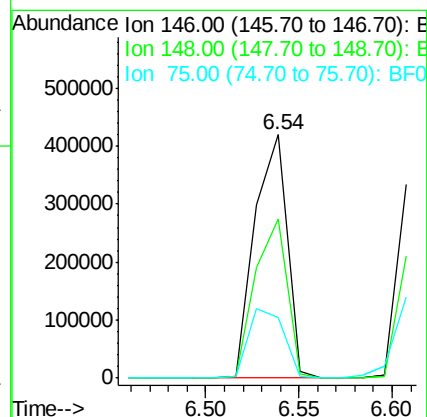
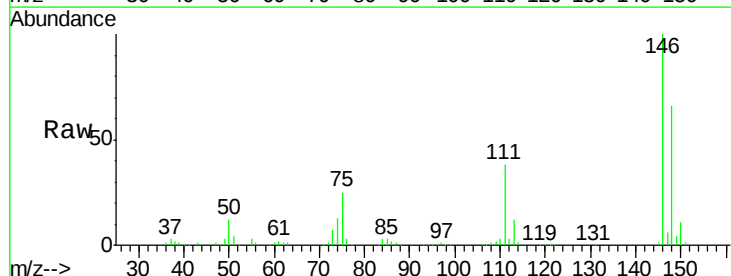
Instrument :
BNA_F
ClientSampleId :
SW-001MS

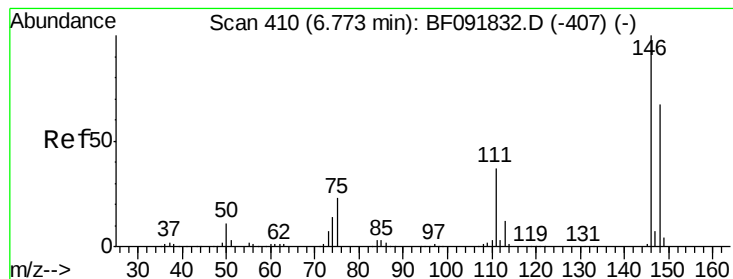
Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.3	60.4	100.4
95	33.1	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.82 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.4	80.0
75	25.0	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 35.54 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.06 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

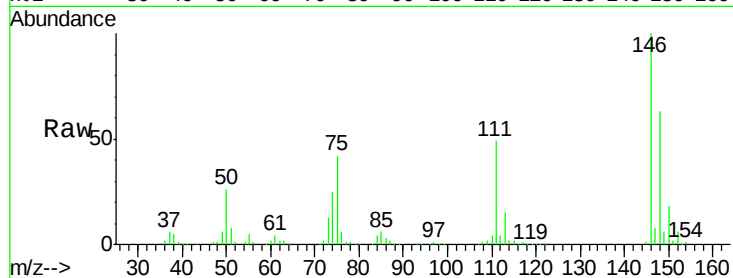
Tgt Ion:146 Resp: 445631

Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

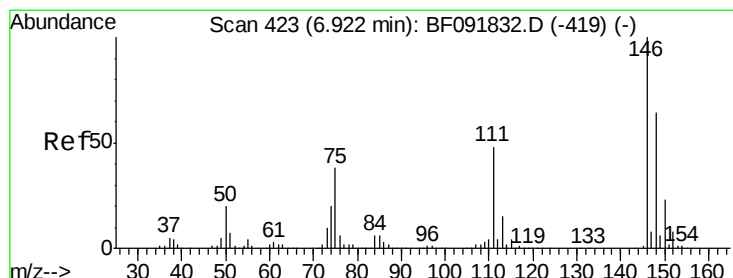
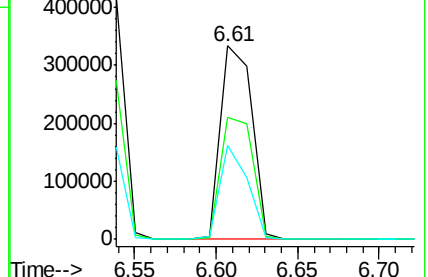
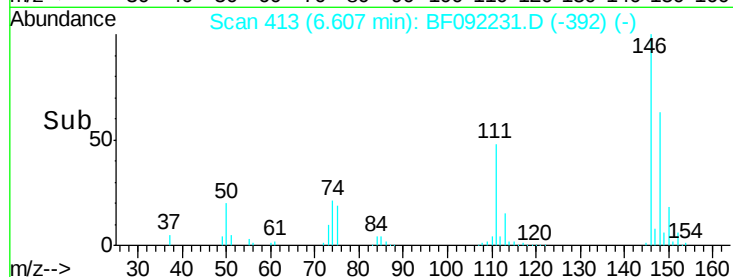
111 48.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.92 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

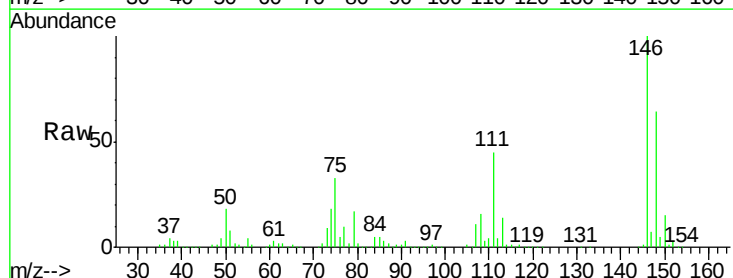
Tgt Ion:146 Resp: 434327

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

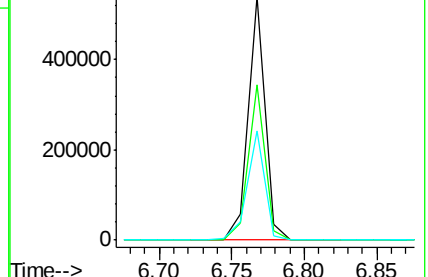
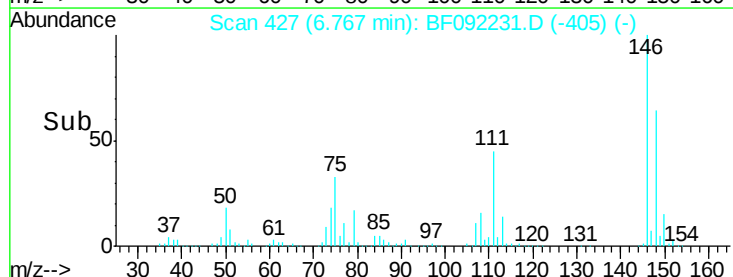
111 44.9 36.2 54.2

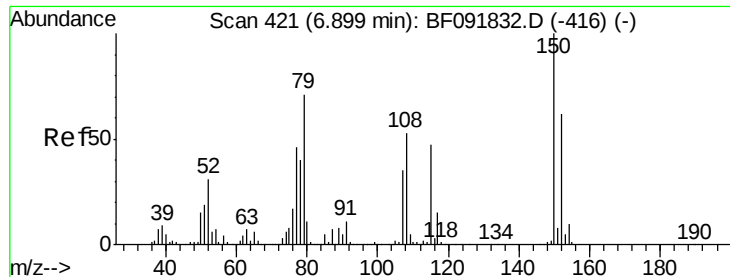


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.08 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

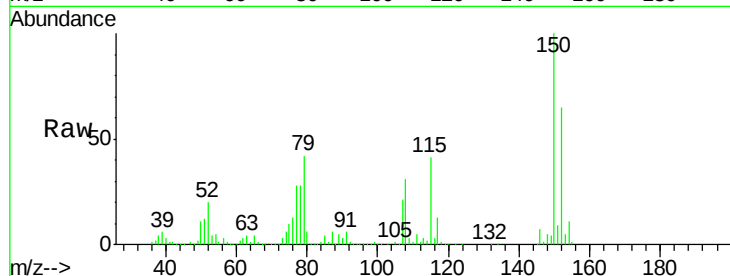
Tgt Ion: 79 Resp: 347142

Ion Ratio Lower Upper

79 100

108 73.0 61.4 92.0

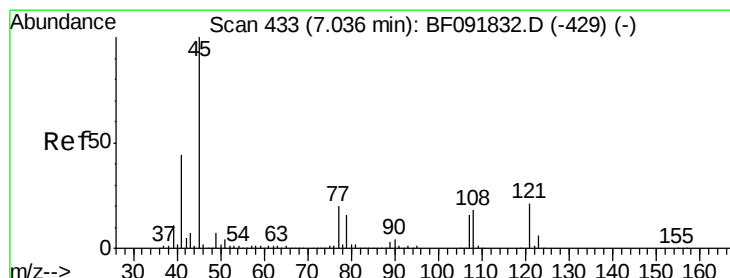
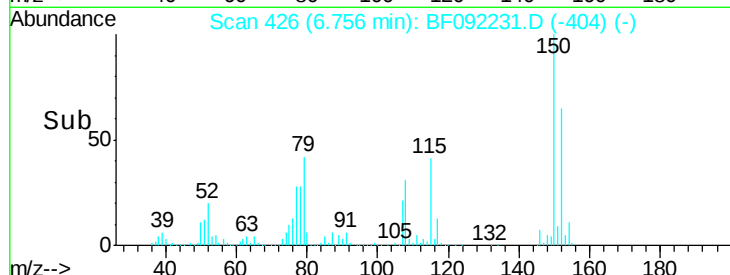
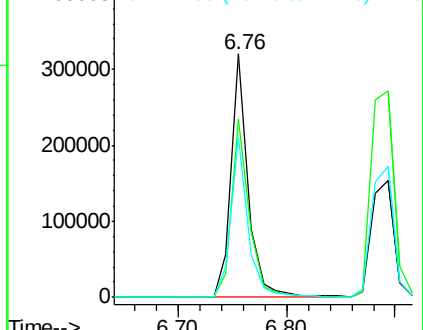
77 66.1 50.9 76.3



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: 37.39 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

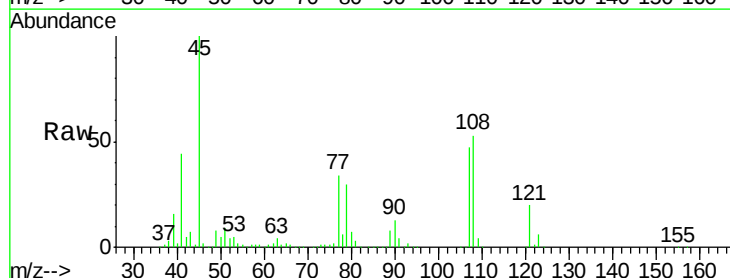
Tgt Ion: 45 Resp: 625180

Ion Ratio Lower Upper

45 100

77 33.8 0.0 34.6

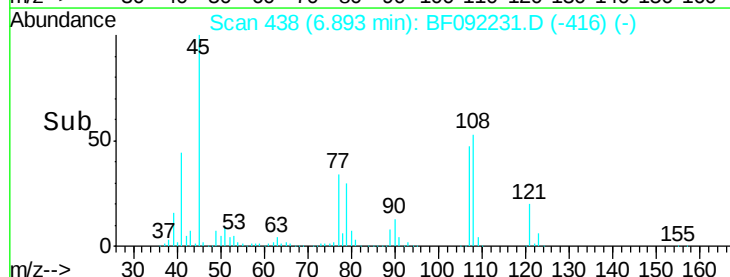
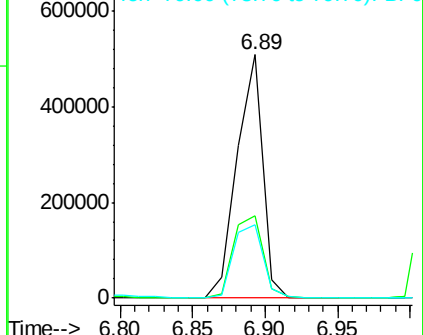
79 30.2 0.0 31.2

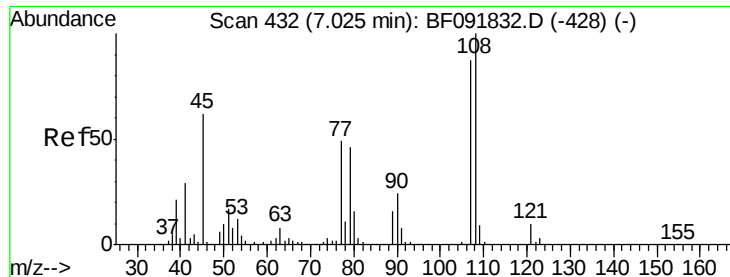


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.98 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tgt Ion:107 Resp: 352457

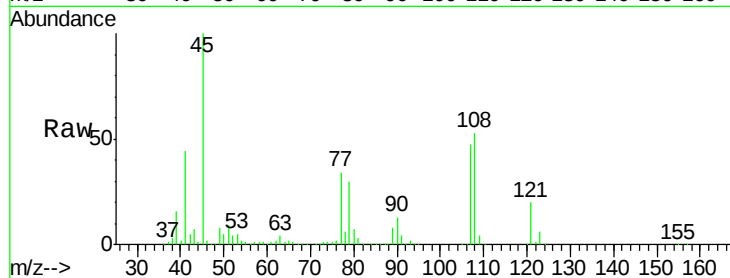
Ion Ratio Lower Upper

107 100

108 112.4 93.0 139.6

77 71.1 39.8 59.8#

79 63.7 38.0 57.0#

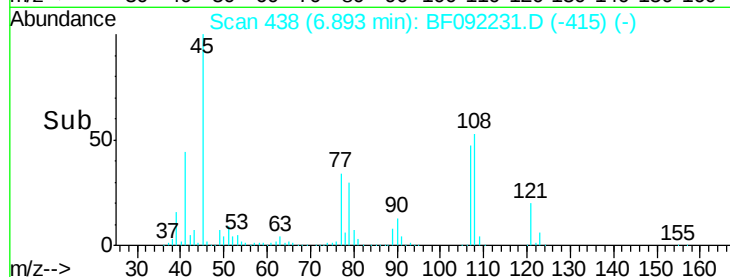


Abundance Ion 107.00 (106.70 to 107.70): E

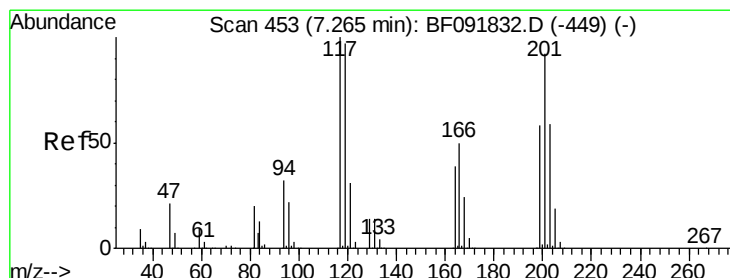
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 36.25 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

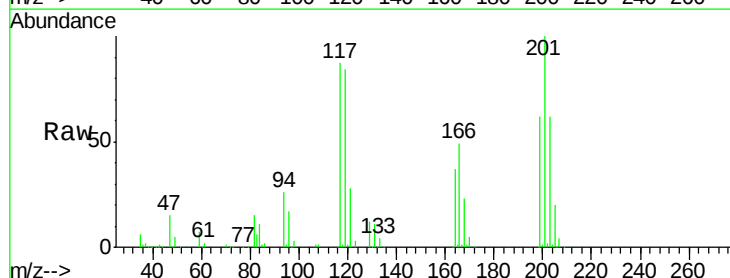
Tgt Ion:117 Resp: 168507

Ion Ratio Lower Upper

117 100

119 96.5 78.1 117.1

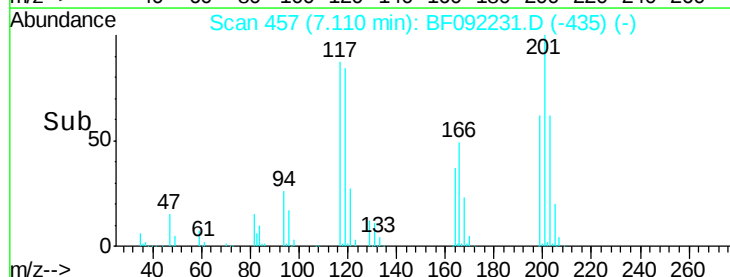
201 115.3 78.6 117.8



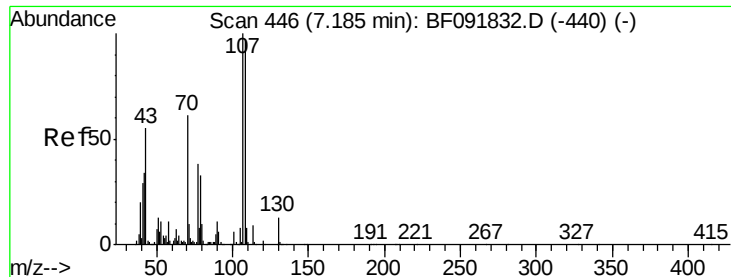
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



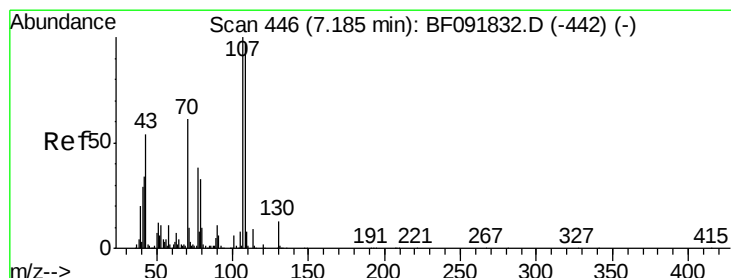
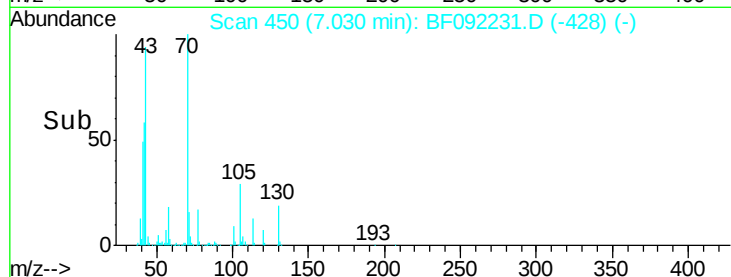
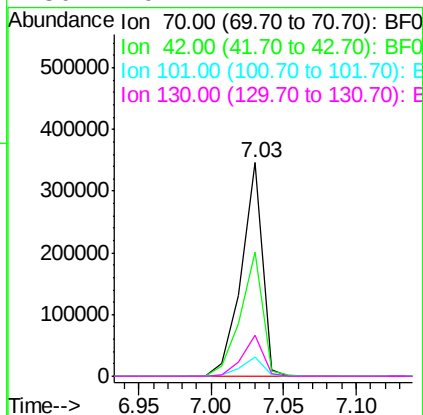
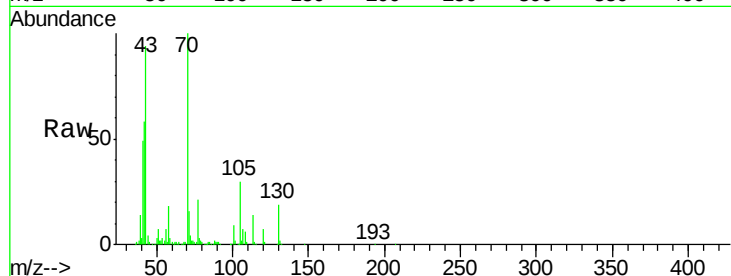
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 42.37 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

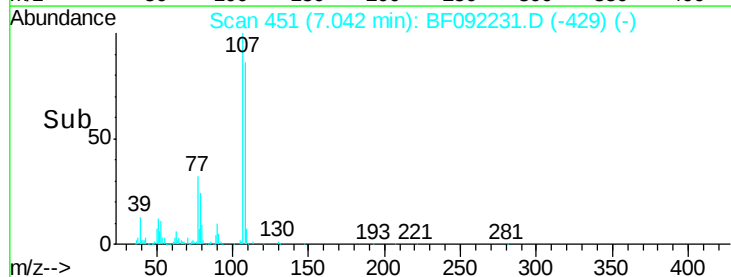
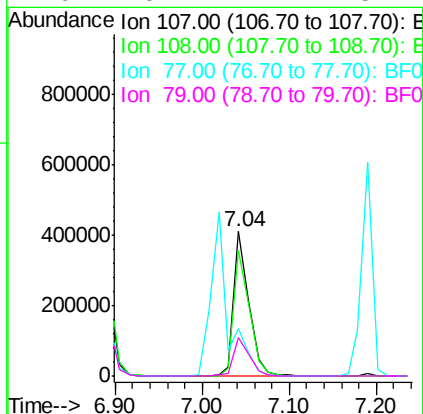
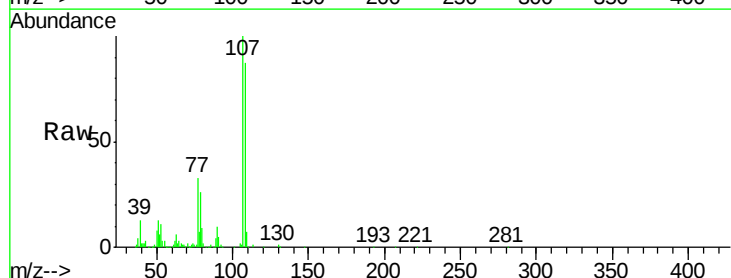
Instrument :
BNA_F
ClientSampleId :
SW-001MS

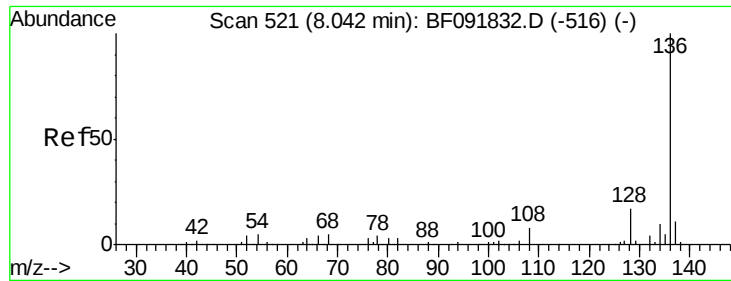
Tgt Ion:	70	Resp:	349066
Ion	Ratio	Lower	Upper
70	100		
42	58.4	49.4	74.0
101	9.3	7.4	11.2
130	19.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.22 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion:	107	Resp:	489451
Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.0	113.0
77	33.1	71.3	111.3#
79	26.2	11.1	51.1

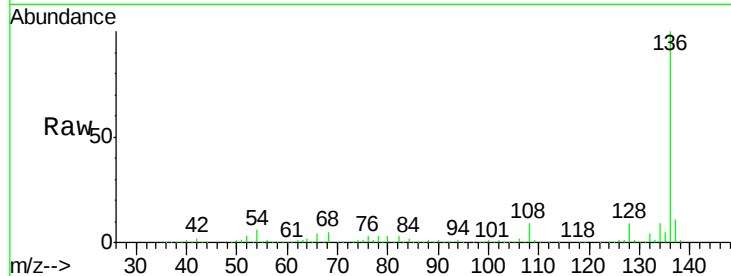




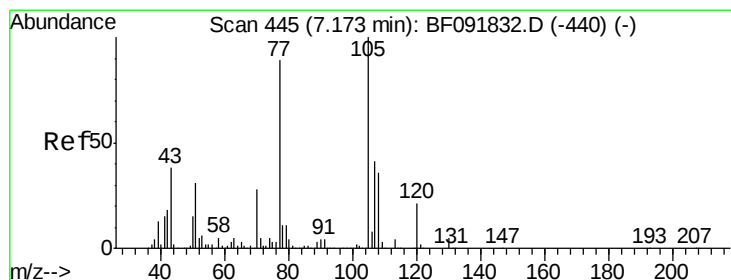
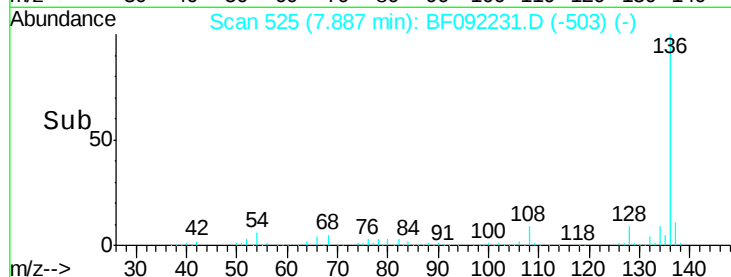
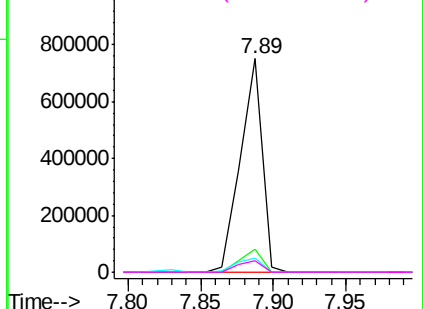
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tgt Ion:	136	Resp:	786774
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.4	4.5	6.7
68	5.2	3.6	5.4

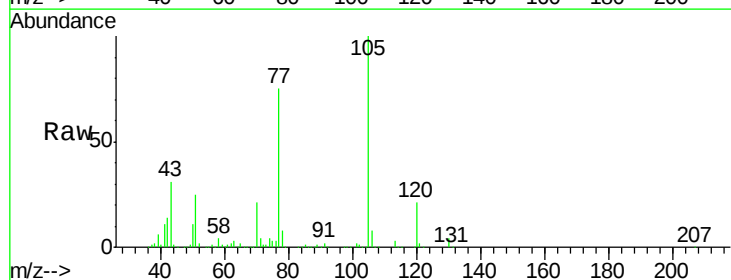


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

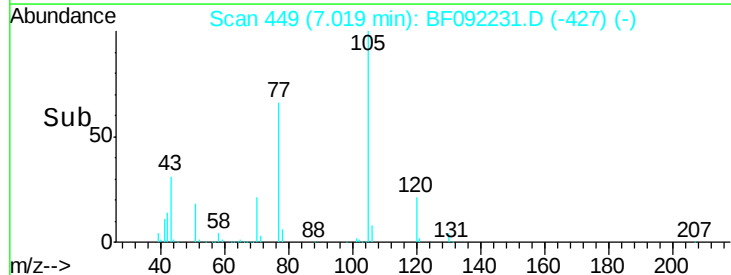
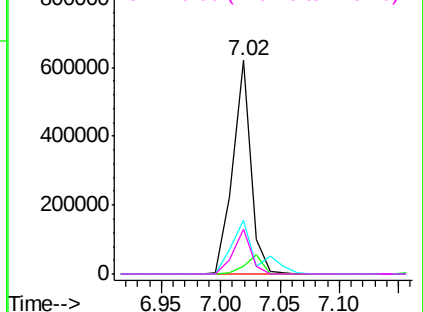


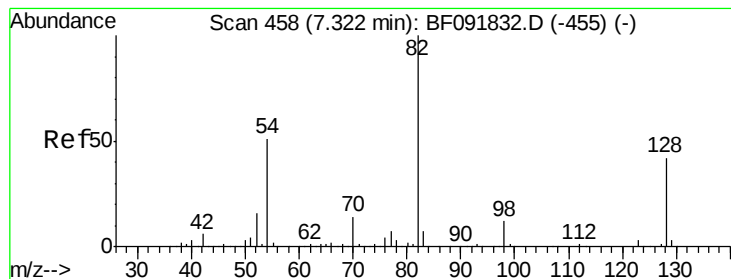
#22
Acetophenone
Concen: 33.85 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion:	105	Resp:	656868
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.2	4.8
51	25.0	26.2	39.4#
120	20.9	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.05 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

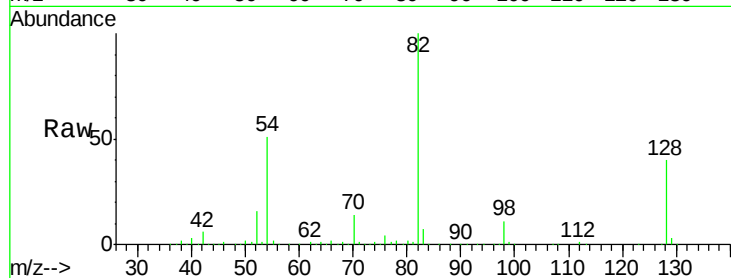
Tgt Ion: 82 Resp: 1047801

Ion Ratio Lower Upper

82 100

128 40.3 34.6 52.0

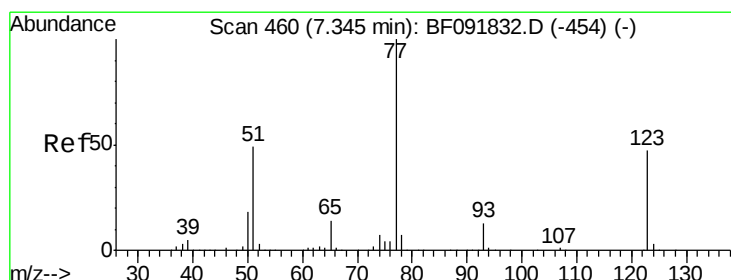
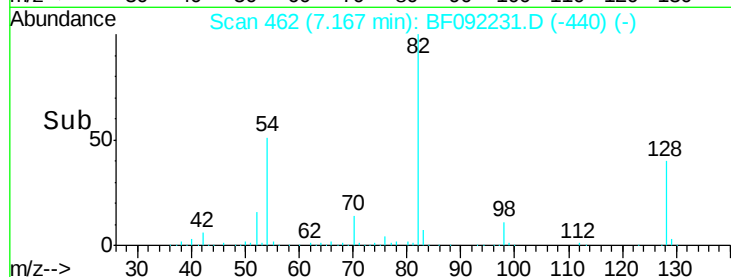
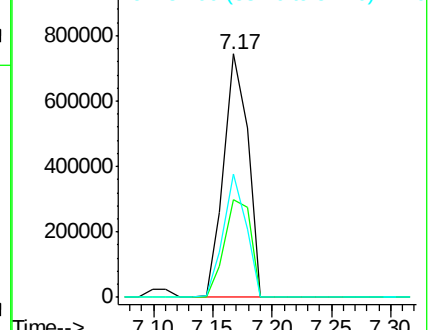
54 50.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.09 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

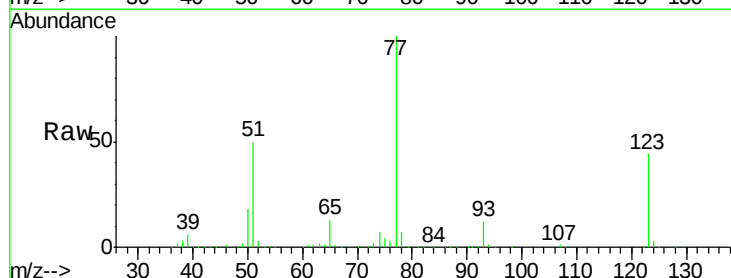
Tgt Ion: 77 Resp: 528730

Ion Ratio Lower Upper

77 100

123 44.2 33.0 49.4

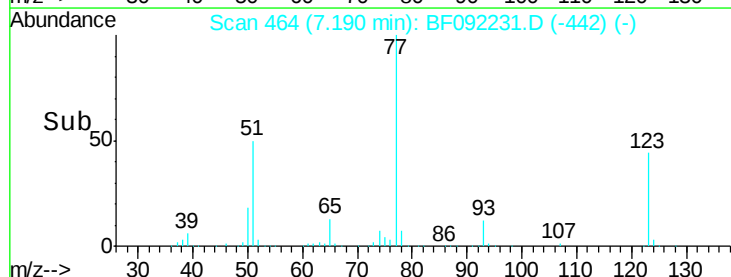
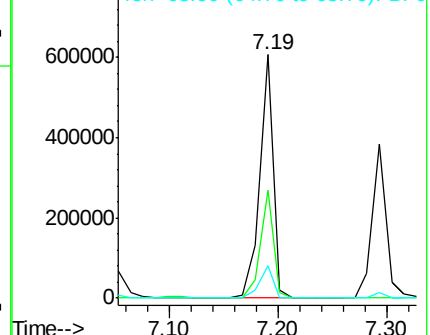
65 13.4 11.2 16.8

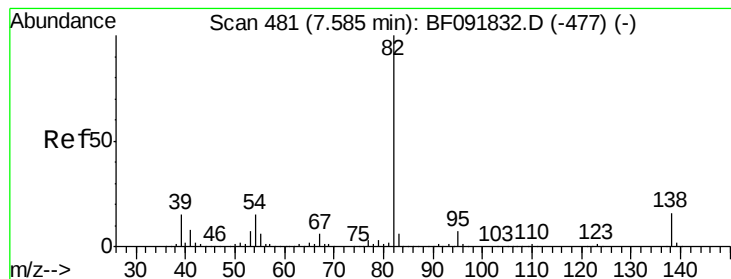


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.14 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

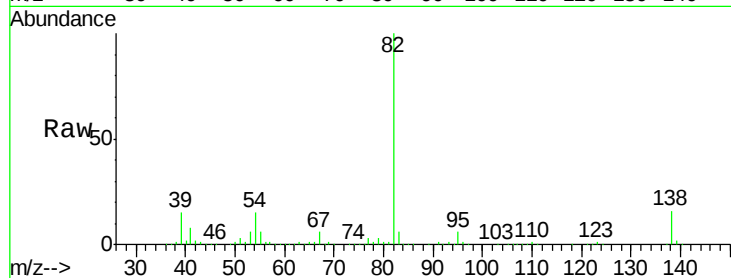
Tgt Ion: 82 Resp: 1021842

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

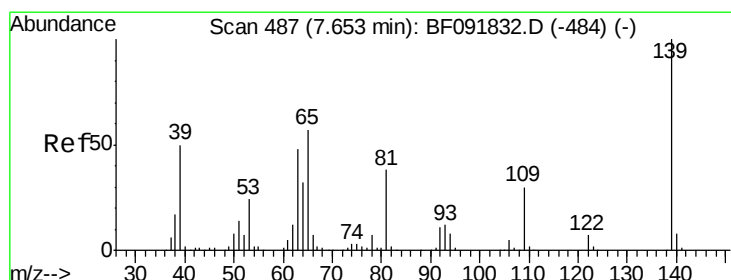
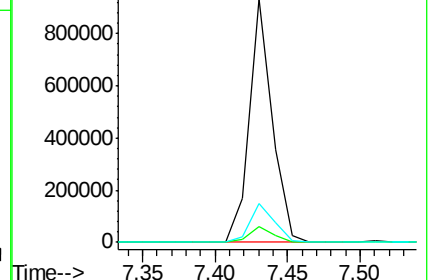
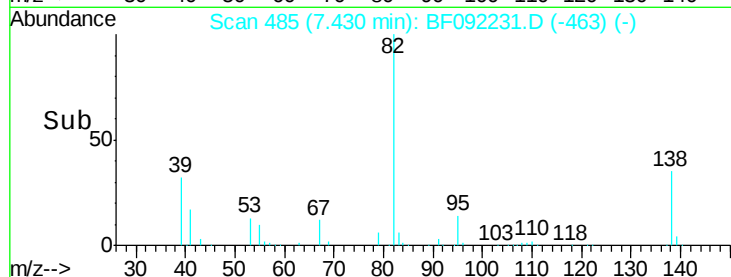
138 15.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.79 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

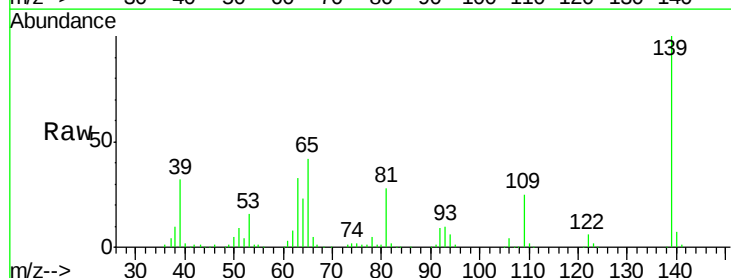
Tgt Ion: 139 Resp: 295731

Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

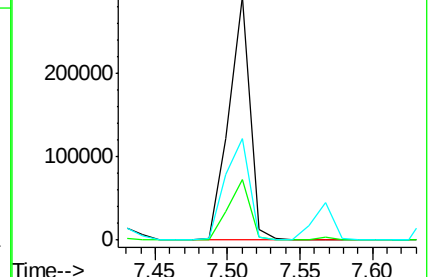
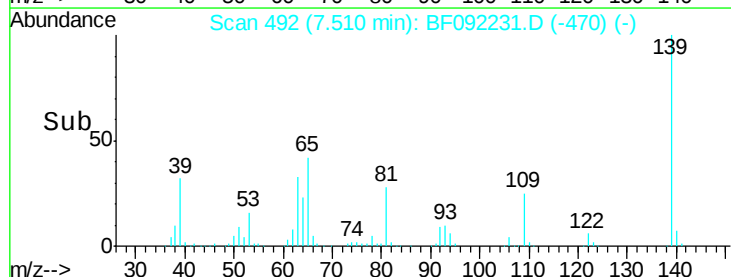
65 41.7 42.7 64.1#

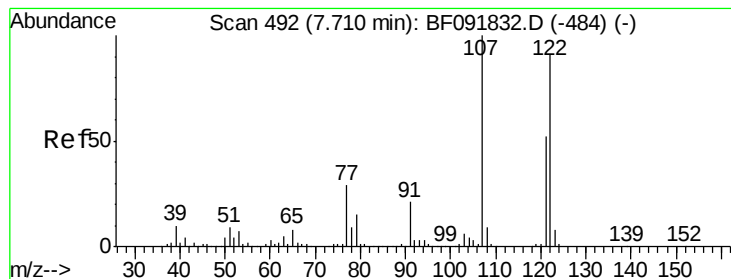


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.25 ng

RT: 7.57 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

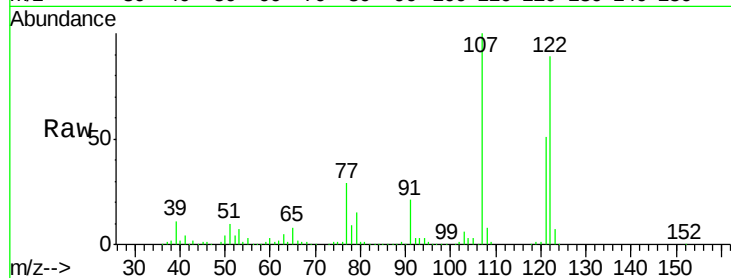
Tgt Ion: 122 Resp: 471477

Ion Ratio Lower Upper

122 100

107 112.8 94.1 141.1

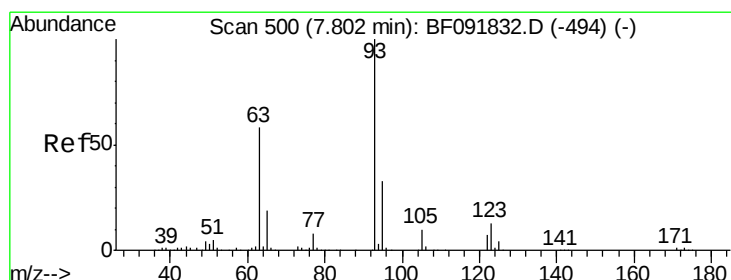
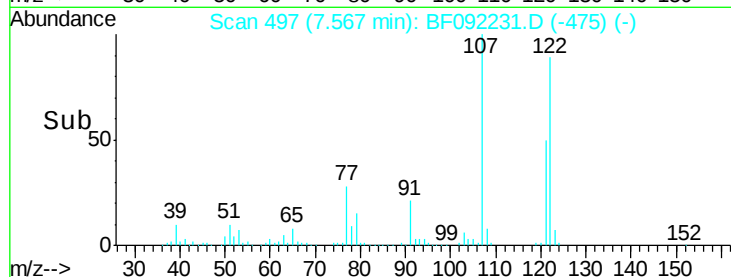
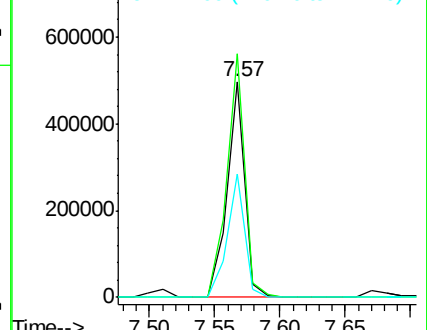
121 57.0 46.0 69.0



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: 39.56 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

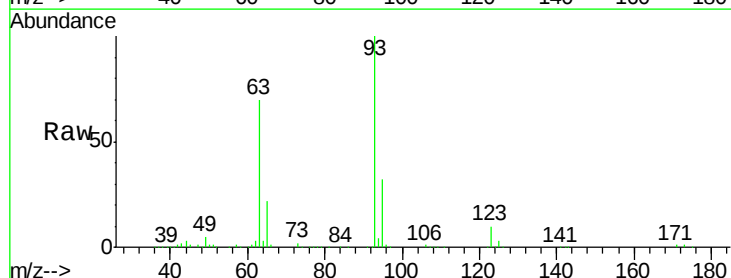
Tgt Ion: 93 Resp: 626159

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

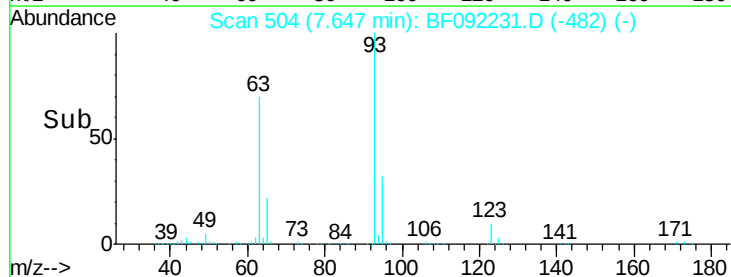
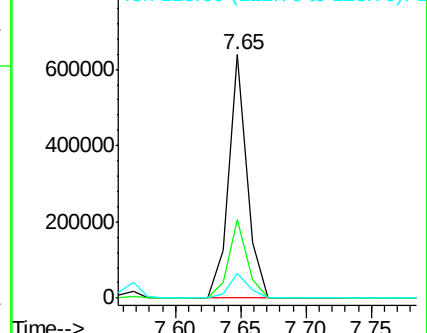
123 10.1 8.6 13.0

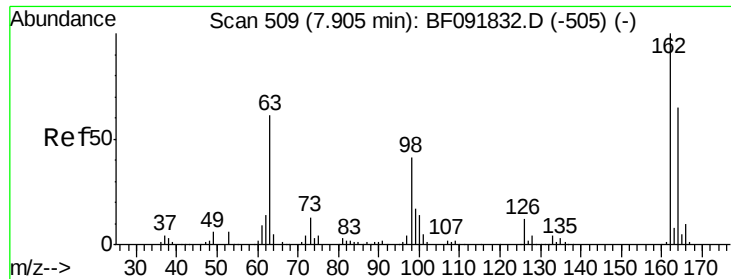


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

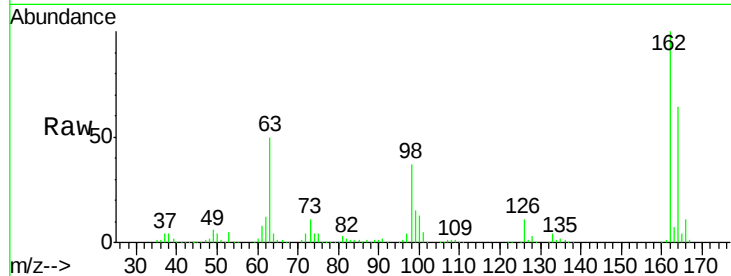




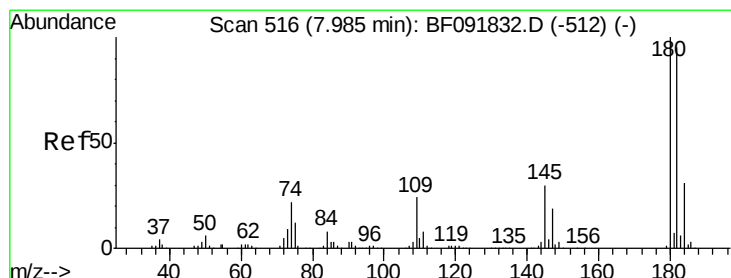
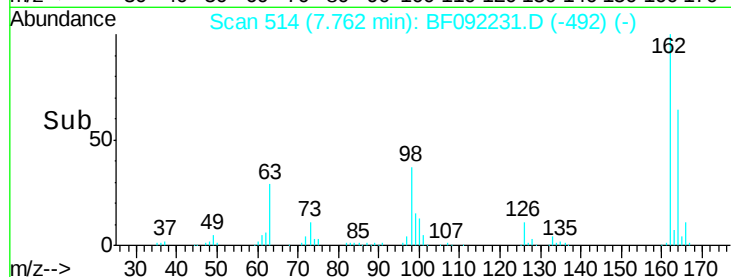
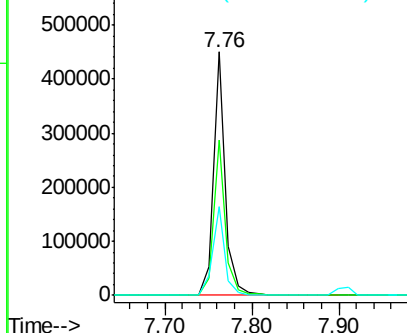
#29
2,4-Dichlorophenol
Concen: 40.91 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tgt Ion:162 Resp: 427003
Ion Ratio Lower Upper
162 100
164 63.9 46.8 86.8
98 36.6 9.1 49.1

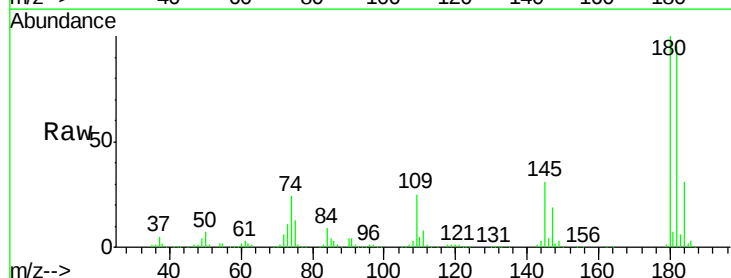


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

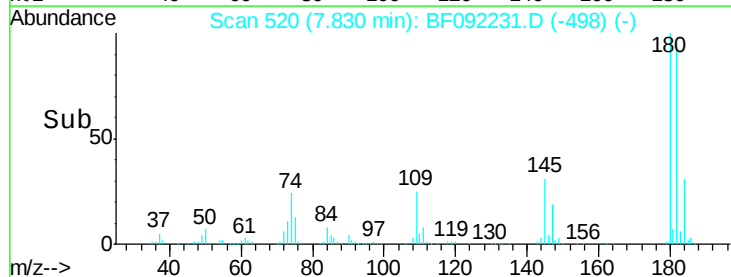
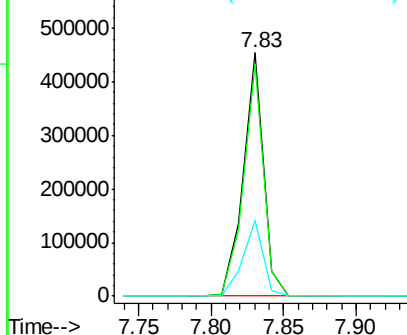


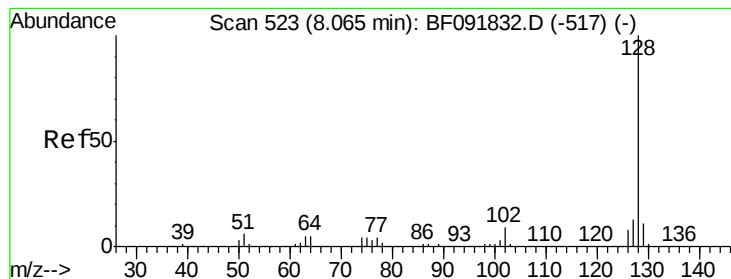
#30
1,2,4-Trichlorobenzene
Concen: 38.26 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion:180 Resp: 437608
Ion Ratio Lower Upper
180 100
182 95.1 78.2 117.4
145 31.0 21.6 32.4



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





#31

Naphthalene

Concen: 39.82 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

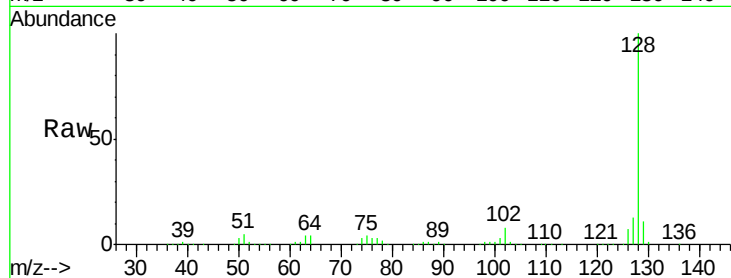
Tgt Ion:128 Resp: 1433823

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

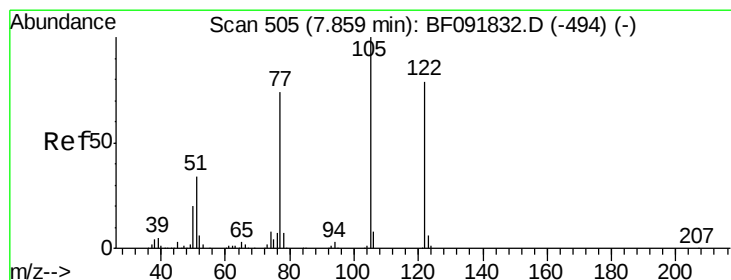
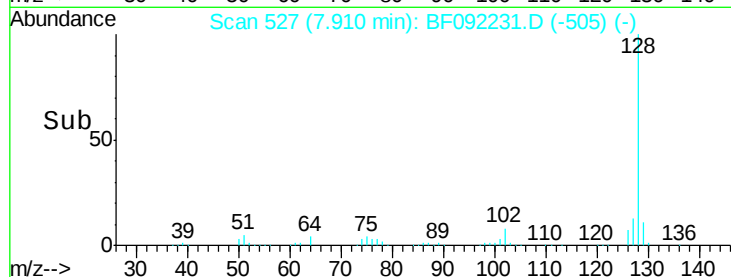
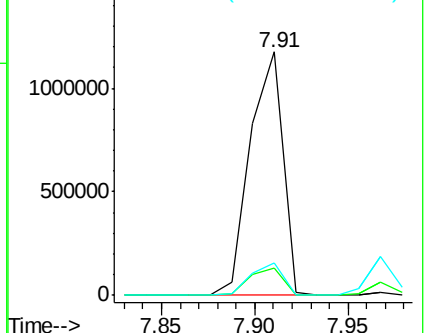
127 13.1 10.8 16.2



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: 2.79 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.08 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

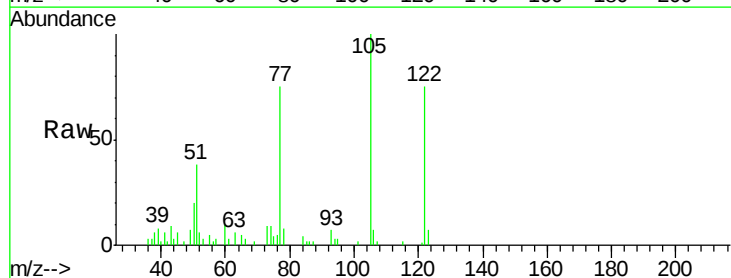
Tgt Ion:122 Resp: 25543

Ion Ratio Lower Upper

122 100

105 133.4 107.2 147.2

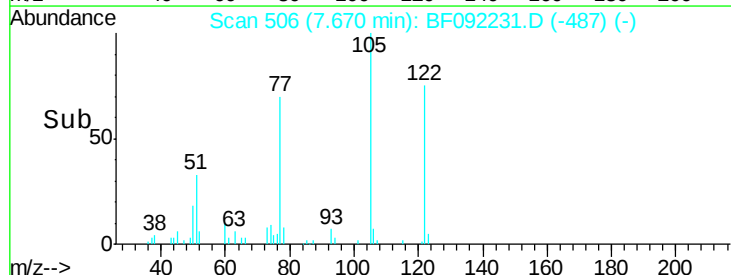
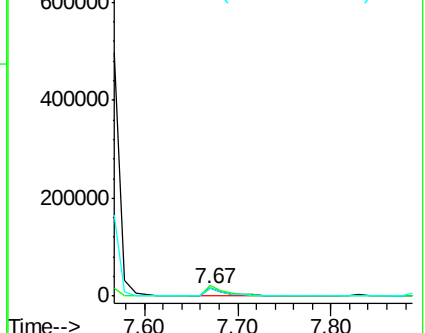
77 100.5 74.5 114.5

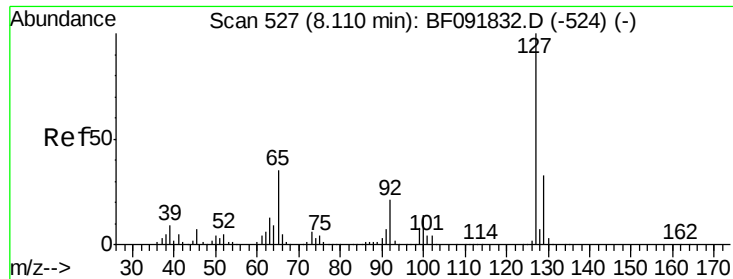


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

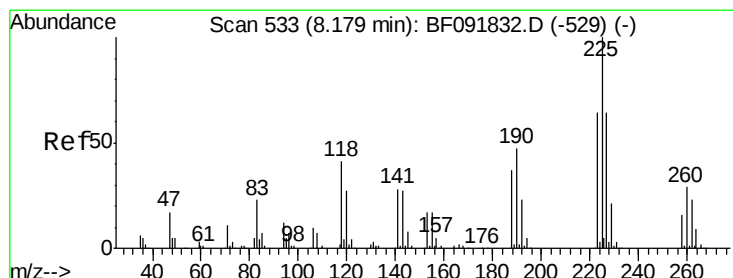
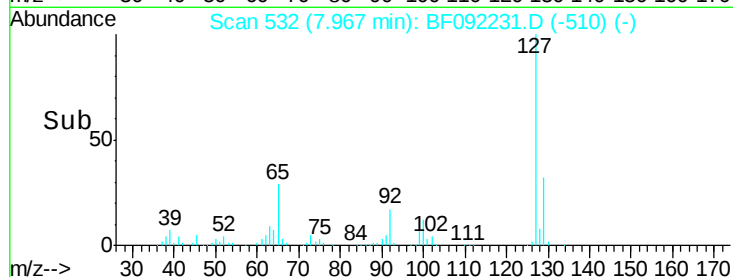
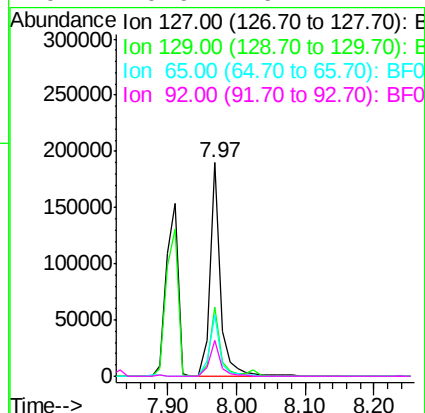
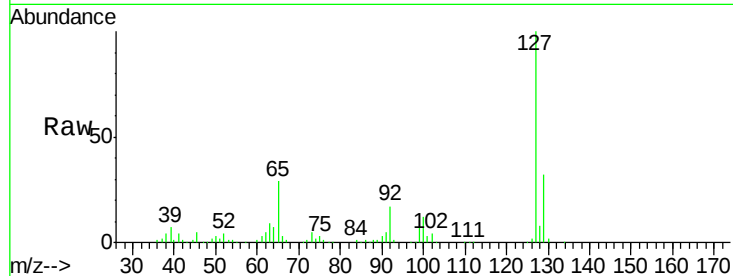




#33
4-Chloroaniline
Concen: 12.35 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

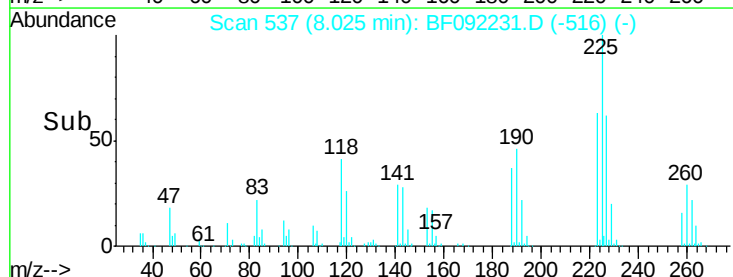
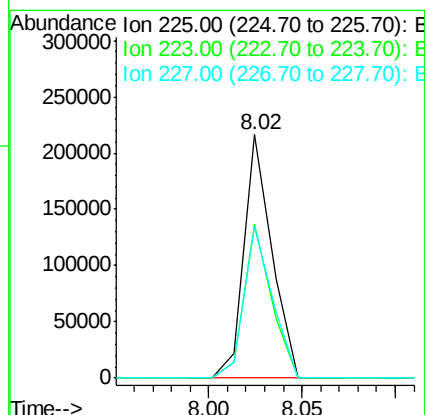
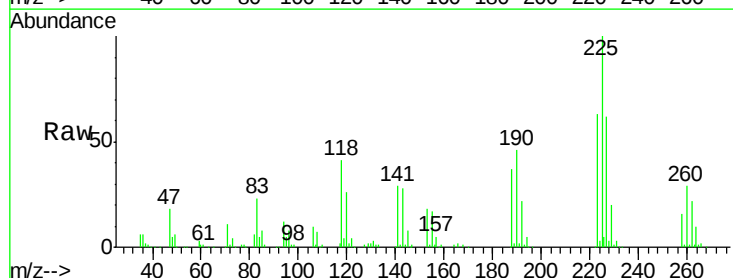
Instrument :
BNA_F
ClientSampleId :
SW-001MS

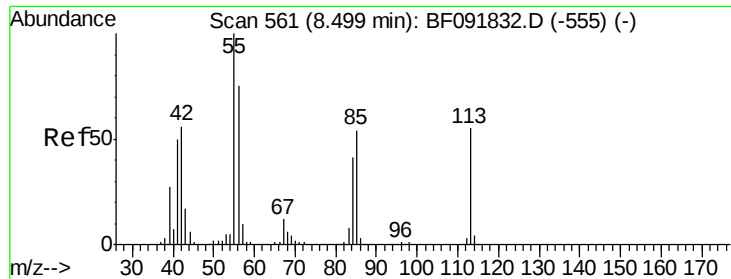
Tgt Ion:	127	Resp:	200471
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	28.7	25.8	38.8
92	16.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion:	225	Resp:	224072
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	62.4	50.6	76.0

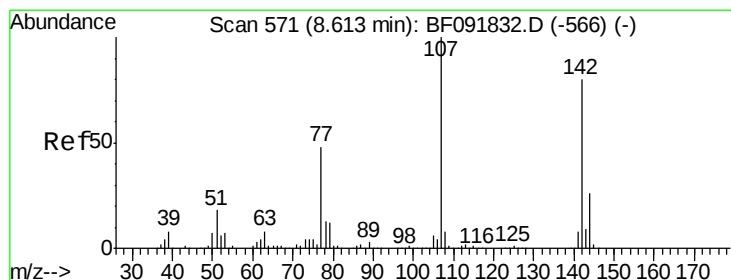
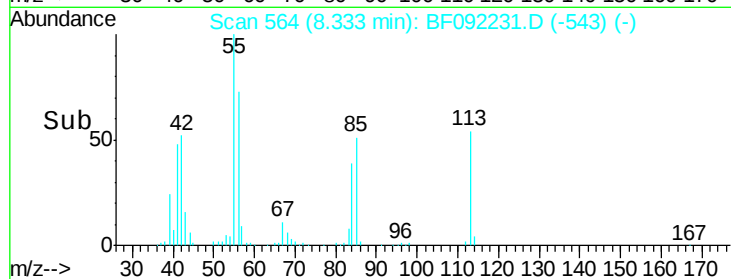
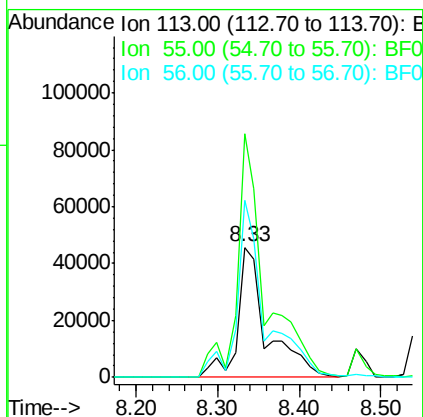
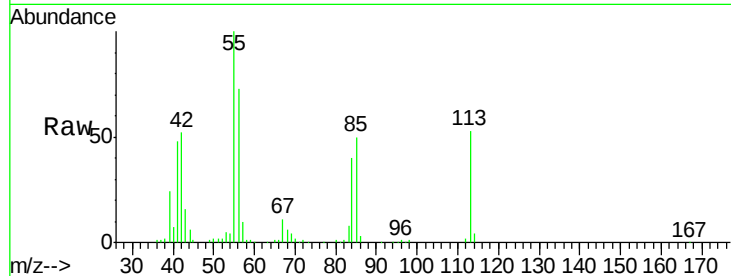




#35
 Caprolactam
 Concen: 33.47 ng
 RT: 8.33 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

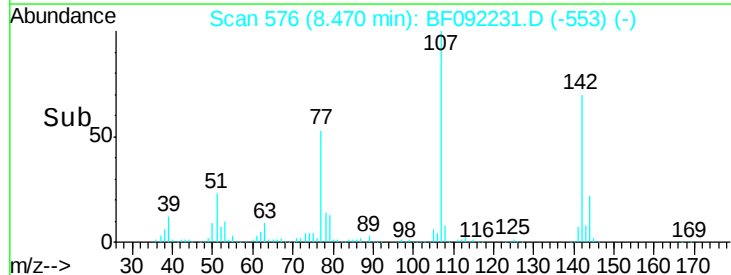
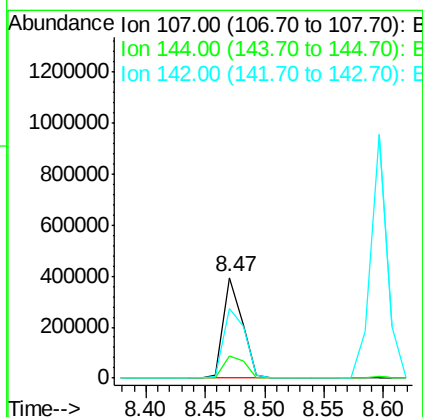
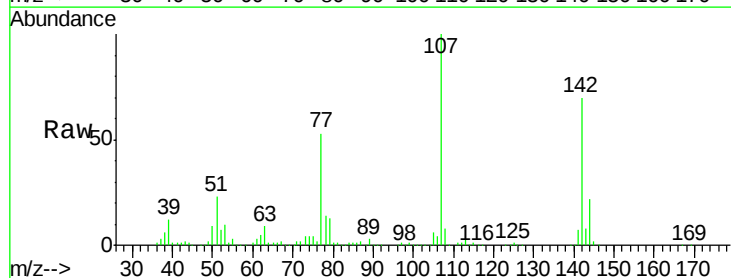
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

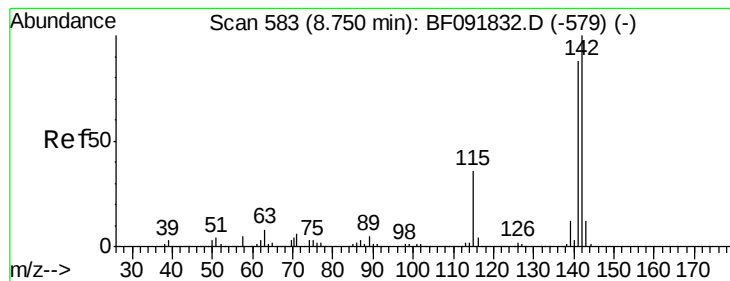
Tgt Ion:113 Resp: 114791
 Ion Ratio Lower Upper
 113 100
 55 187.0 119.2 159.2#
 56 135.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 36.27 ng
 RT: 8.47 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion:107 Resp: 435564
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.3 28.9
 142 69.5 59.0 88.6





#37

2-Methylnaphthalene

Concen: 40.93 ng

RT: 8.60 min Scan# 587

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

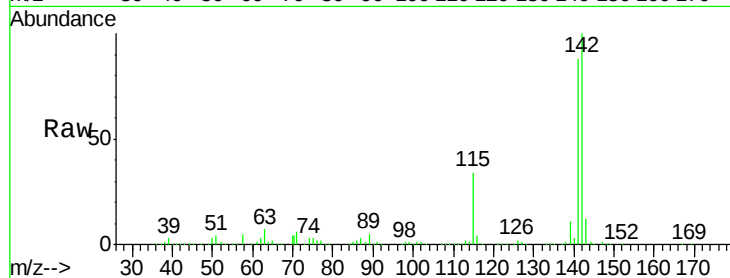
Tgt Ion:142 Resp: 922587

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6

115 34.0 28.3 42.5



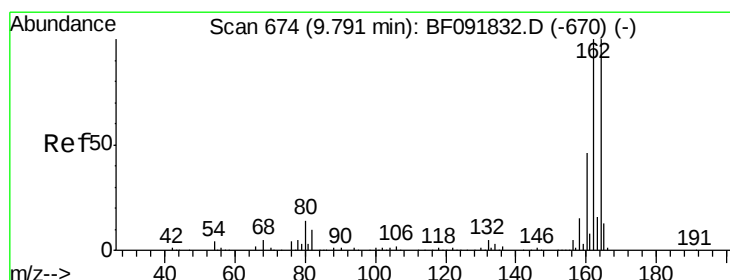
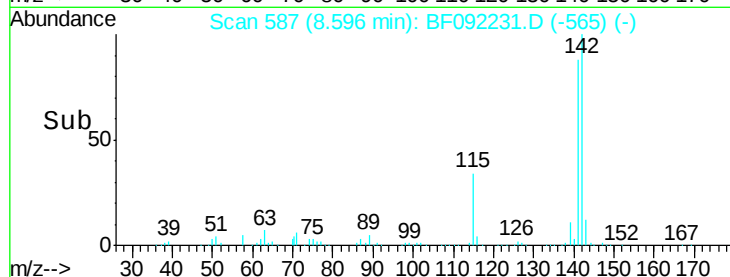
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.60

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

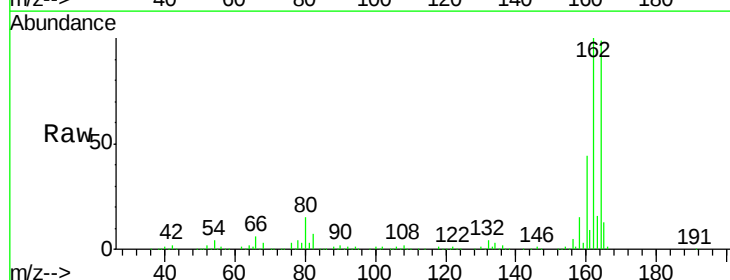
Tgt Ion:164 Resp: 347977

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

160 44.1 36.9 55.3



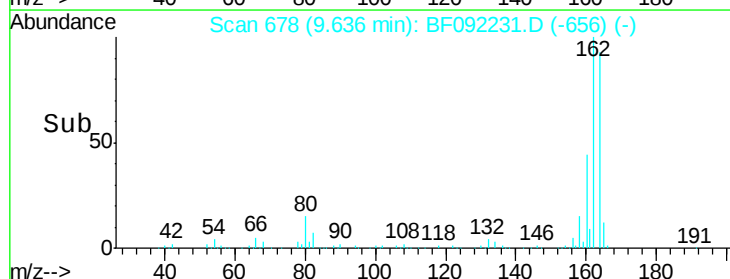
Abundance Ion 164.00 (163.70 to 164.70): E

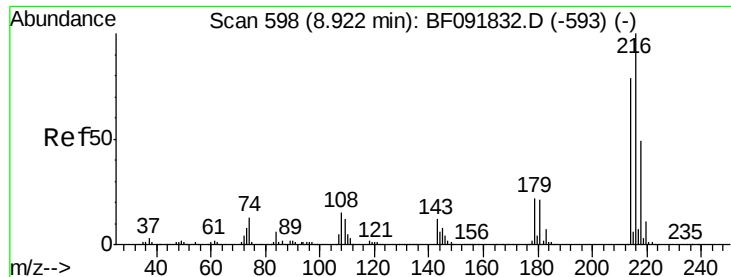
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.64

Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.92 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tgt Ion:216 Resp: 421332

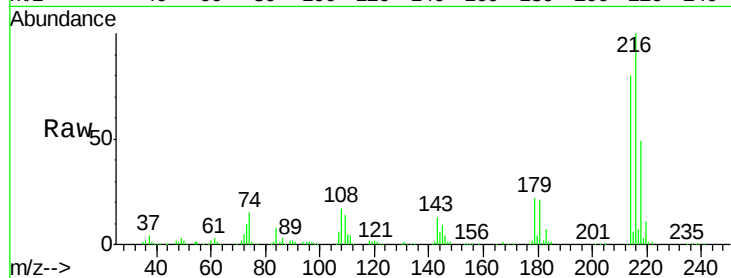
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.0

179 22.5 17.4 26.2

108 20.9 15.6 23.4

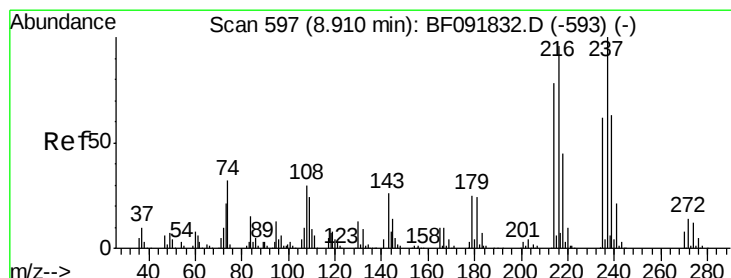
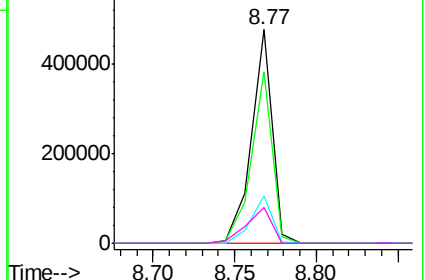
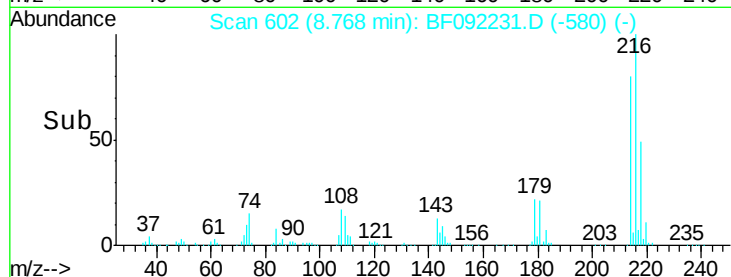


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.74 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

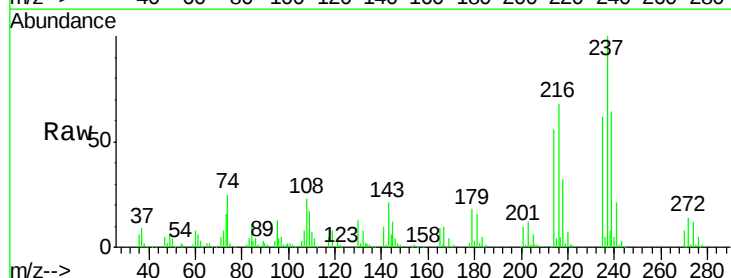
Tgt Ion:237 Resp: 172059

Ion Ratio Lower Upper

237 100

235 62.4 41.2 81.2

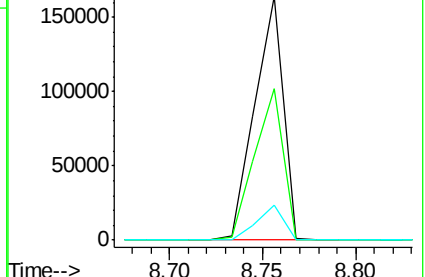
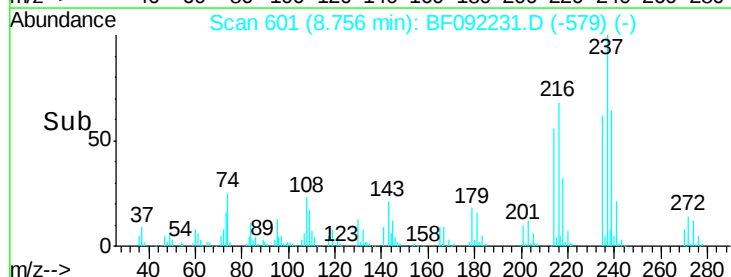
272 14.2 0.0 35.4

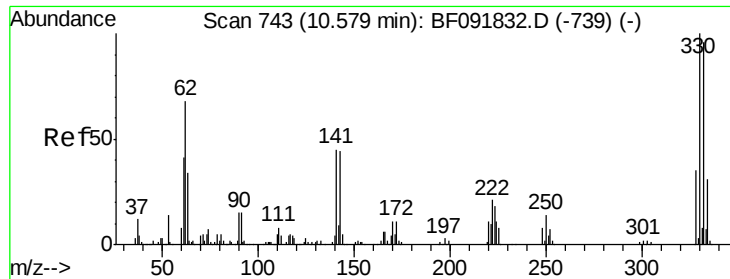


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

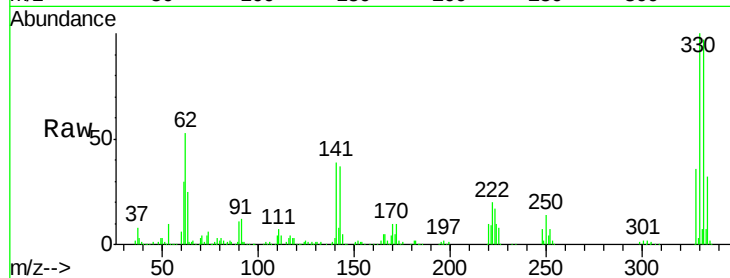




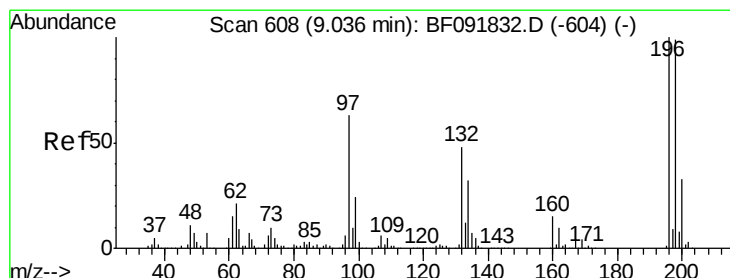
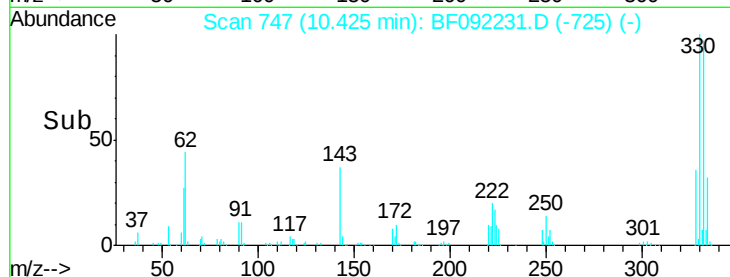
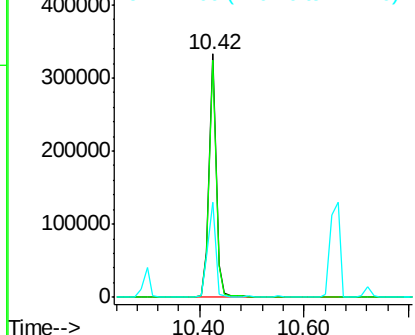
#41
 2,4,6-Tribromophenol
 Concen: 110.73 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:330 Resp: 318891
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 42.0 34.1 51.1

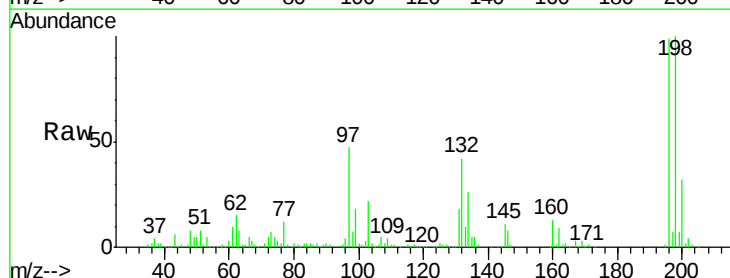


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

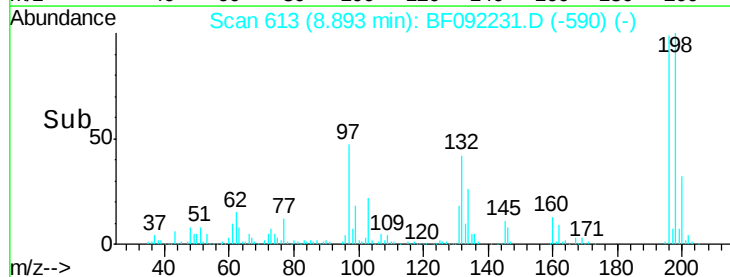
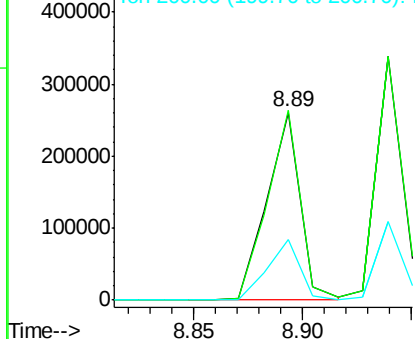


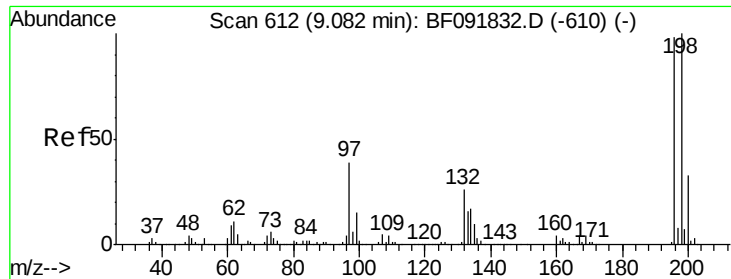
#42
 2,4,6-Trichlorophenol
 Concen: 45.44 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion:196 Resp: 279368
 Ion Ratio Lower Upper
 196 100
 198 101.3 82.1 123.1
 200 32.7 27.0 40.4



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

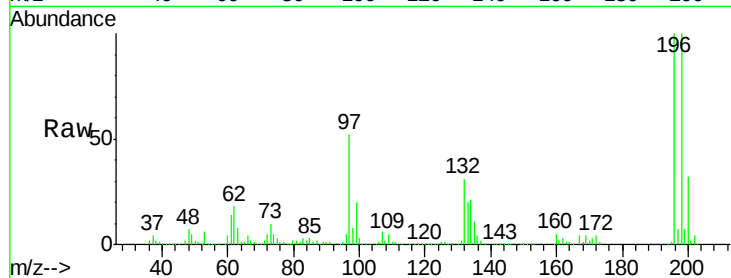




#43
 2,4,5-Trichlorophenol
 Concen: 46.29 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292922		
198	99.9	79.4	119.2	
97	51.8	51.5	77.3	
132	30.7	27.4	41.2	



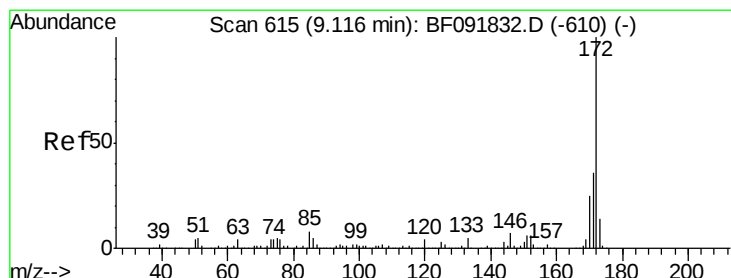
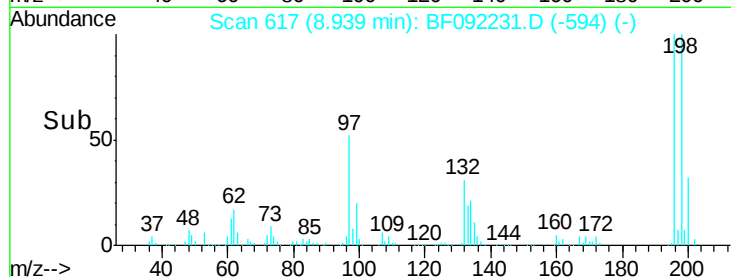
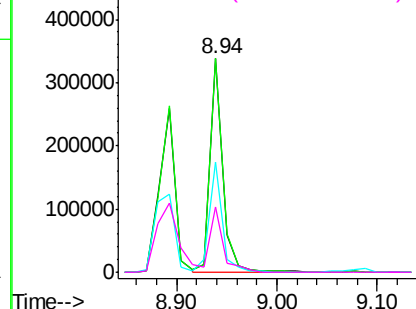
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

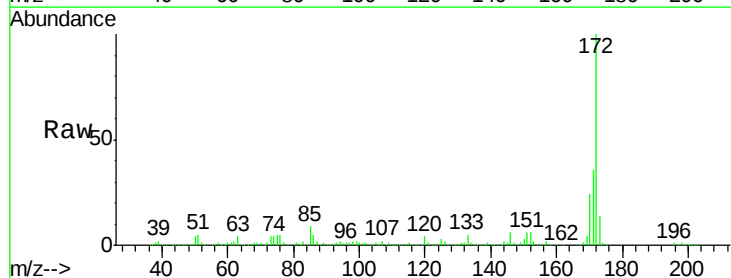
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.41 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1780774		
171	36.1	29.4	44.0	
170	24.3	20.2	30.4	

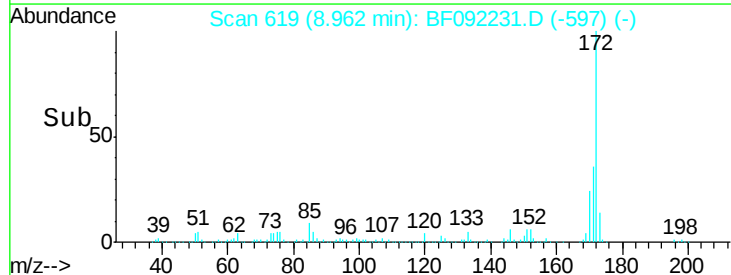
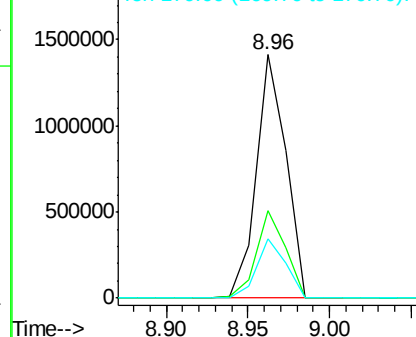


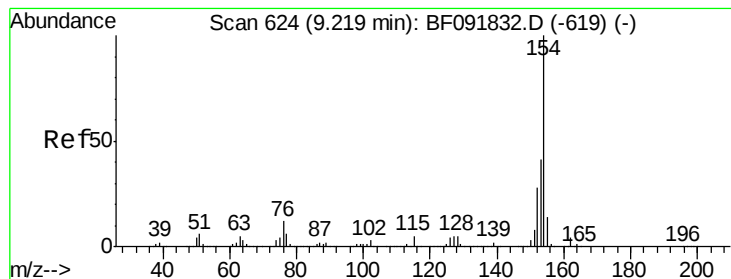
Abundance

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: 53.40 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

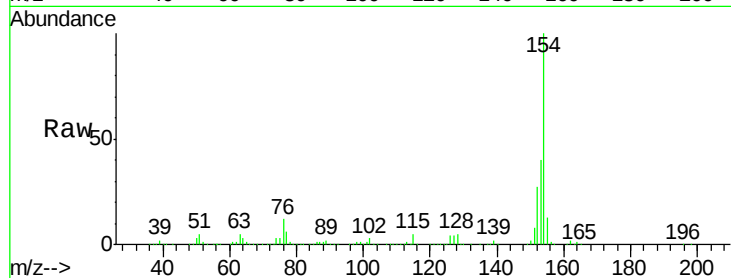
Tgt Ion:154 Resp: 1272218

Ion Ratio Lower Upper

154 100

153 40.1 20.9 60.9

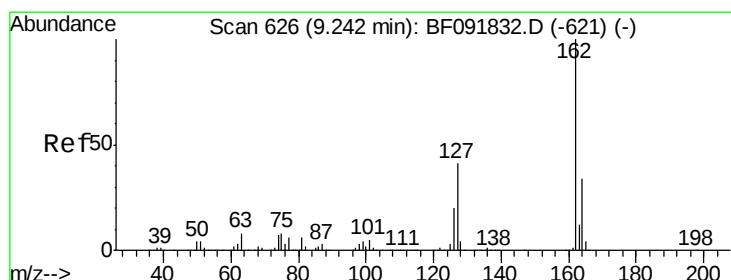
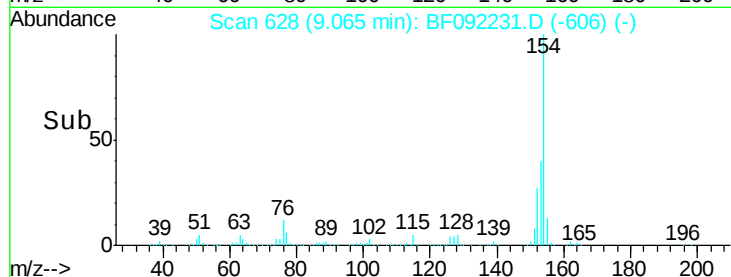
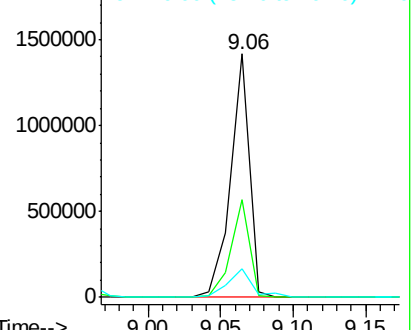
76 12.0 0.0 30.5



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: 49.76 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

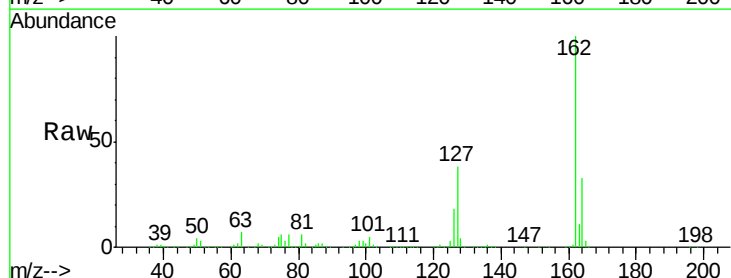
Tgt Ion:162 Resp: 938886

Ion Ratio Lower Upper

162 100

127 37.9 30.7 46.1

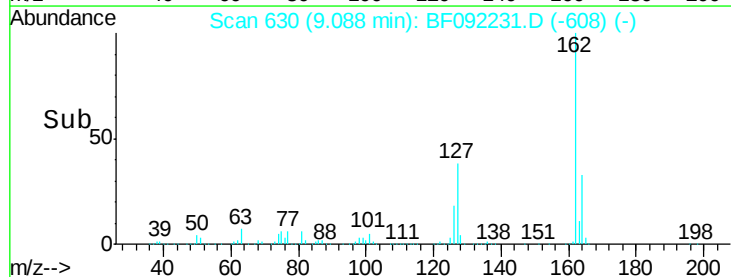
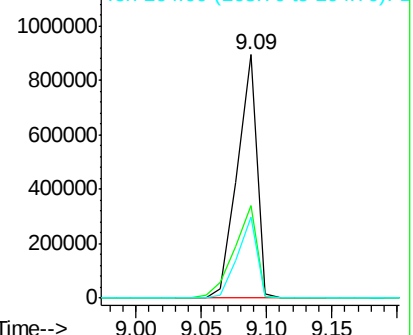
164 33.2 27.6 41.4

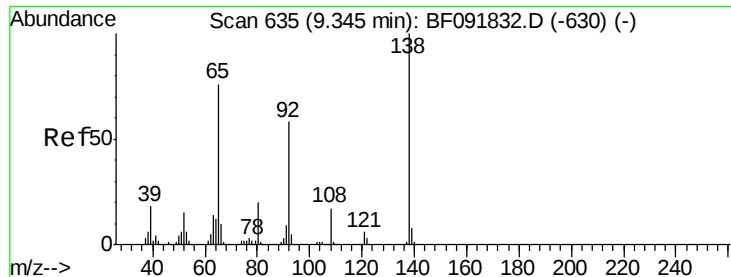


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.70 ng

RT: 9.19 min Scan# 639

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

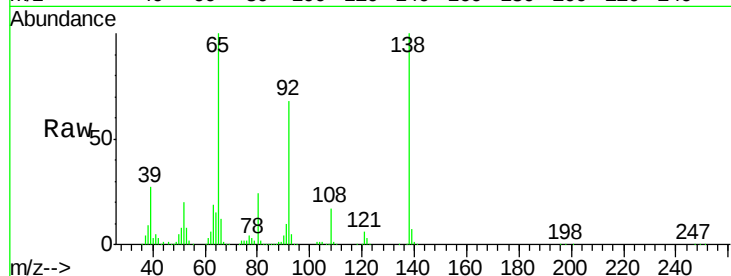
Tgt Ion: 65 Resp: 280133

Ion Ratio Lower Upper

65 100

92 68.2 53.9 80.9

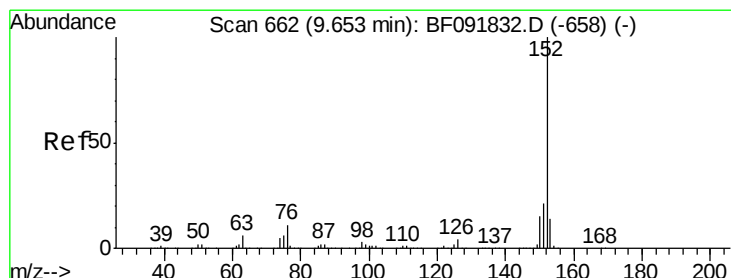
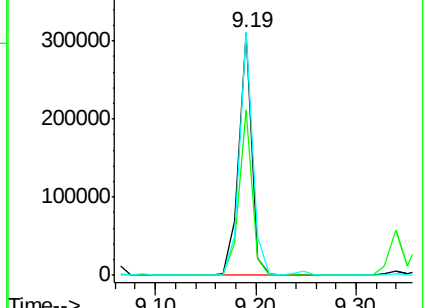
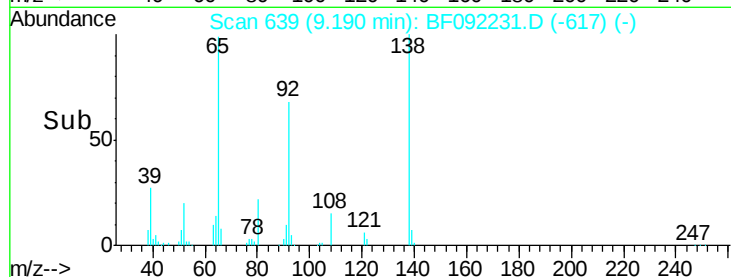
138 100.2 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.53 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

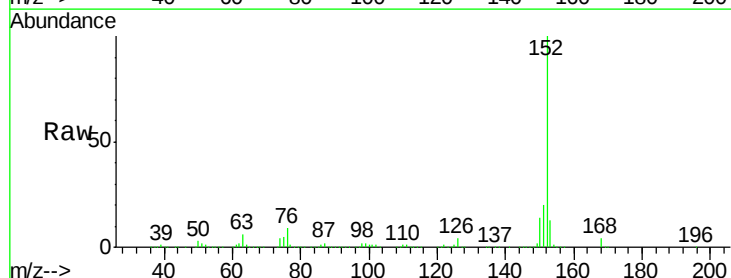
Tgt Ion: 152 Resp: 1176132

Ion Ratio Lower Upper

152 100

151 20.1 16.9 25.3

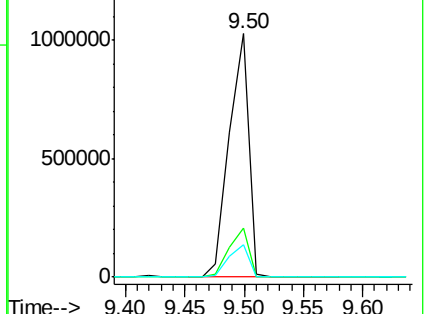
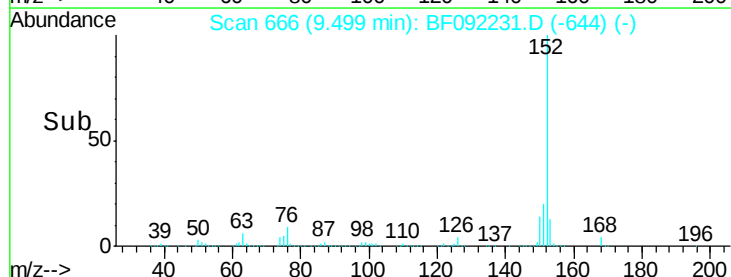
153 13.3 11.4 17.2

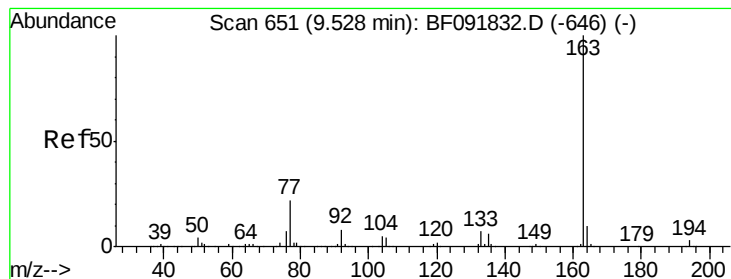


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 52.19 ng

RT: 9.37 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

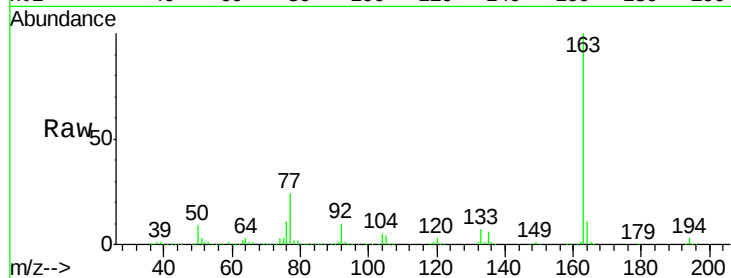
Tgt Ion:163 Resp: 1161507

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

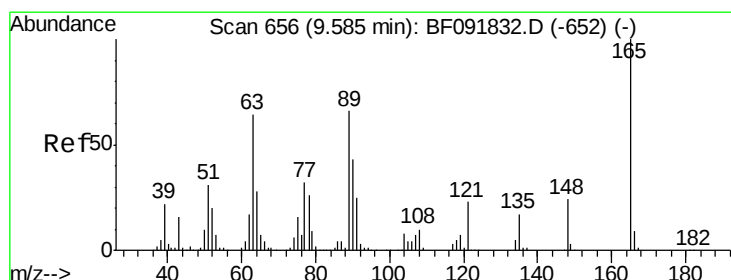
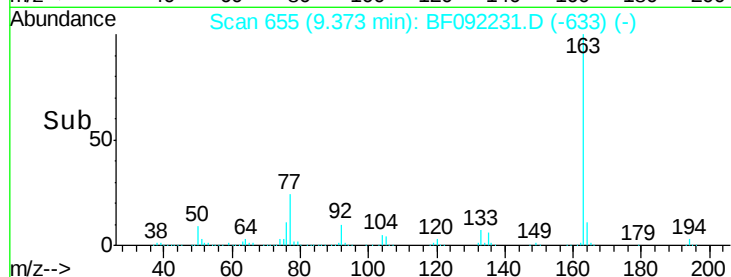
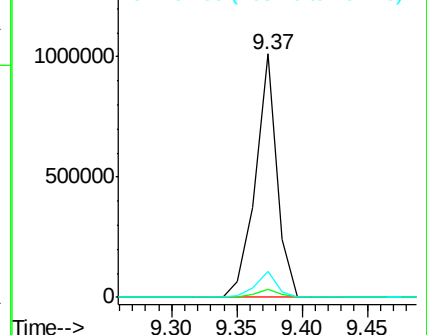
164 10.6 8.0 12.0



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: 37.67 ng

RT: 9.44 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

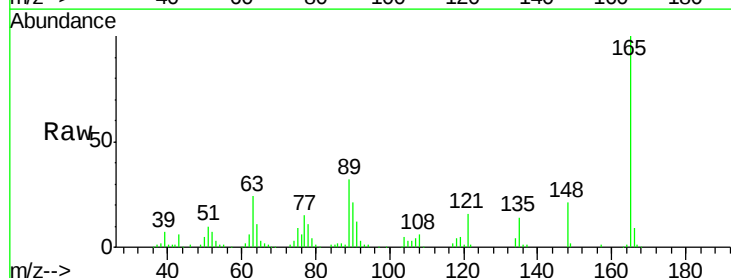
Tgt Ion:165 Resp: 183506

Ion Ratio Lower Upper

165 100

63 23.6 36.2 54.4#

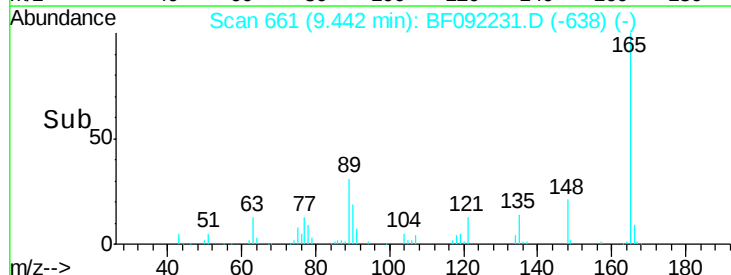
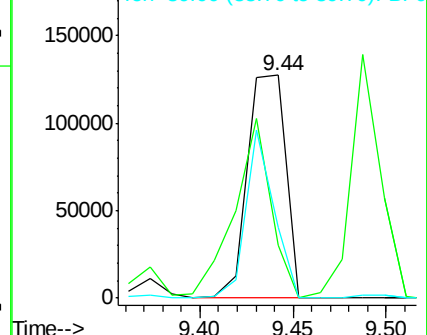
89 31.7 40.2 60.4#

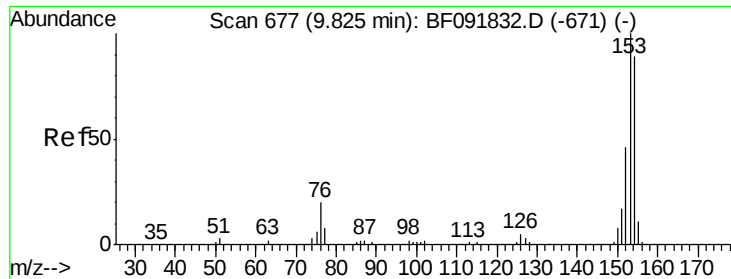


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.61 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

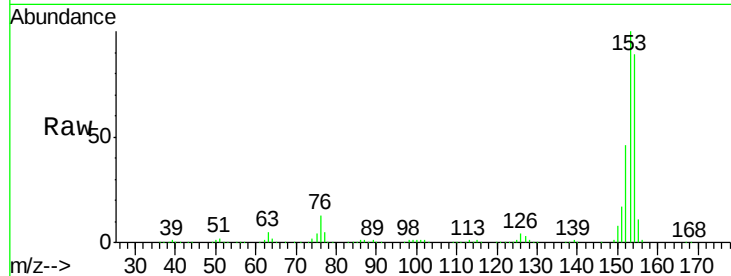
Tgt Ion:154 Resp: 759653

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

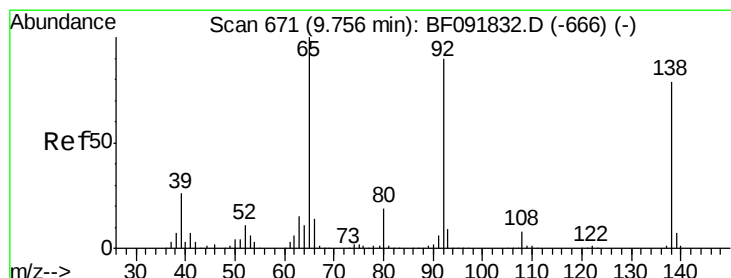
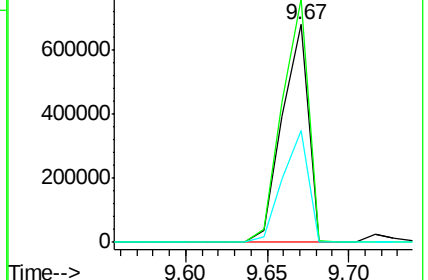
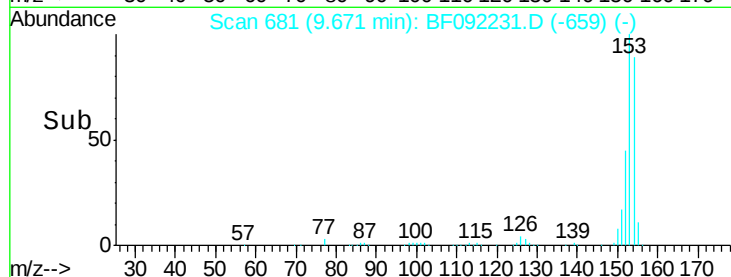
152 51.4 41.6 62.4



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: 24.67 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

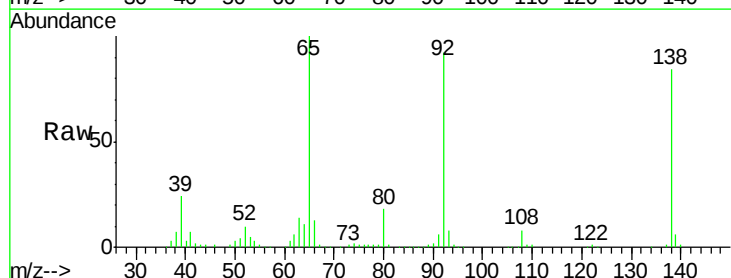
Tgt Ion:138 Resp: 148704

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

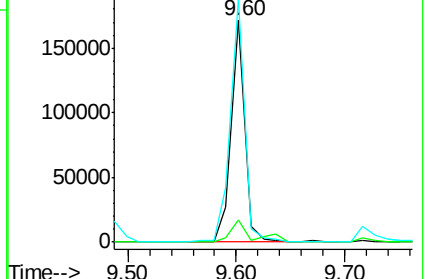
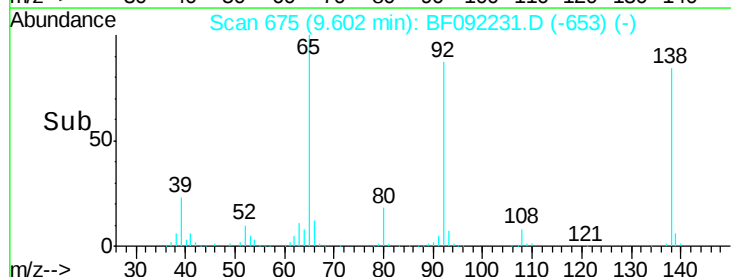
92 109.8 97.8 146.8

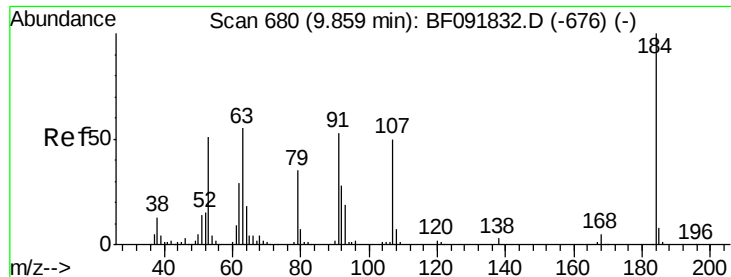


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

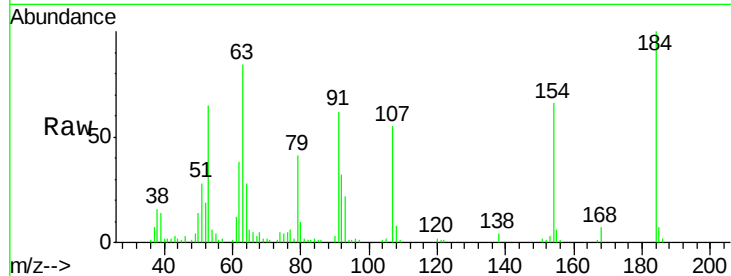




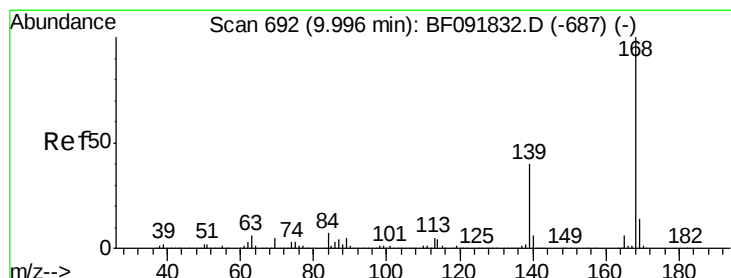
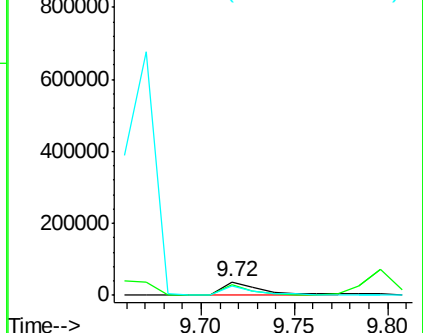
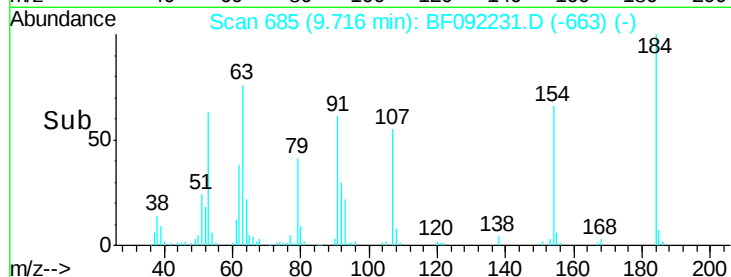
#53
 2,4-Dinitrophenol
 Concen: 19.75 ng
 RT: 9.72 min Scan# 685
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:184 Resp: 53539
 Ion Ratio Lower Upper
 184 100
 63 83.6 28.4 42.6#
 154 66.2 44.3 66.5

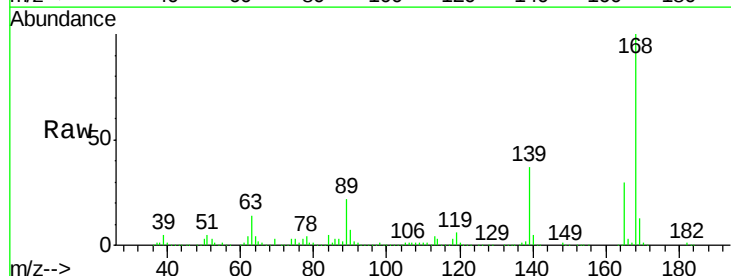


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

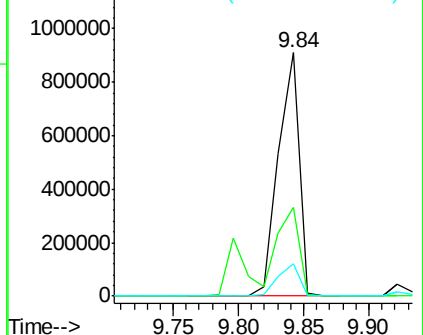
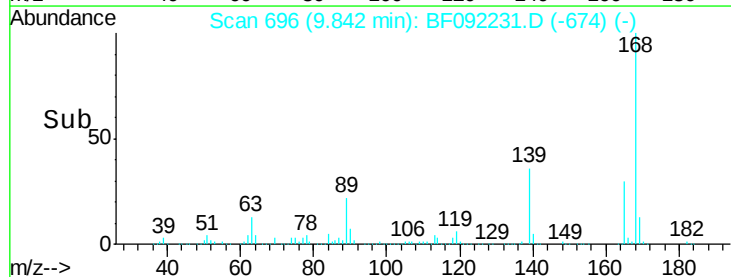


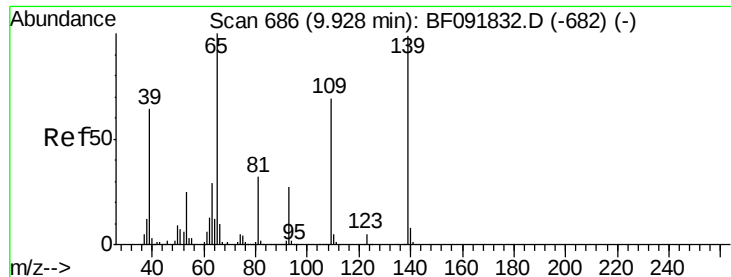
#54
 Dibenzofuran
 Concen: 38.50 ng
 RT: 9.84 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion:168 Resp: 1022964
 Ion Ratio Lower Upper
 168 100
 139 36.7 32.6 49.0
 169 13.1 11.3 16.9



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





#55

4-Nitrophenol

Concen: 55.32 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

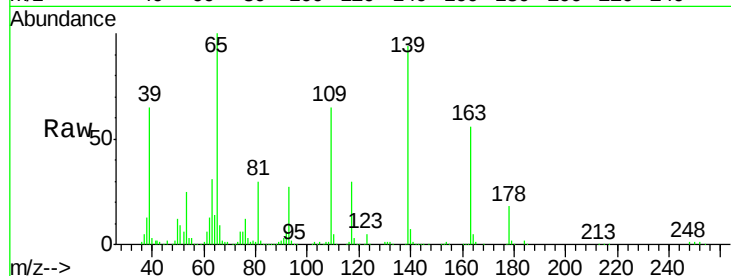
Tgt Ion:139 Resp: 226432

Ion Ratio Lower Upper

139 100

109 69.3 52.2 92.2

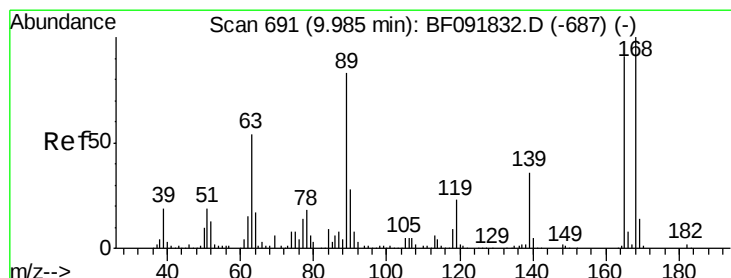
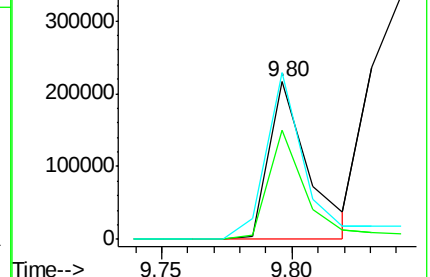
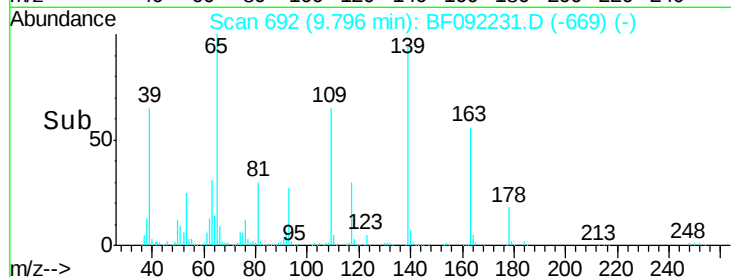
65 106.3 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.68 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:165 Resp: 254831

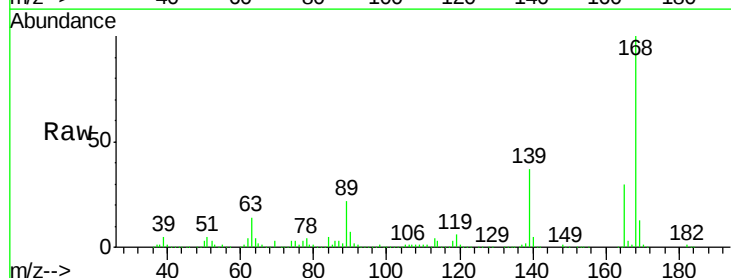
Ion Ratio Lower Upper

165 100

63 46.4 40.2 60.4

89 72.9 62.5 93.7

182 2.2 1.8 2.8

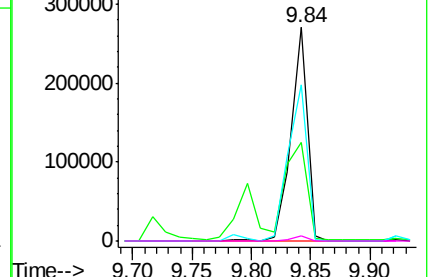
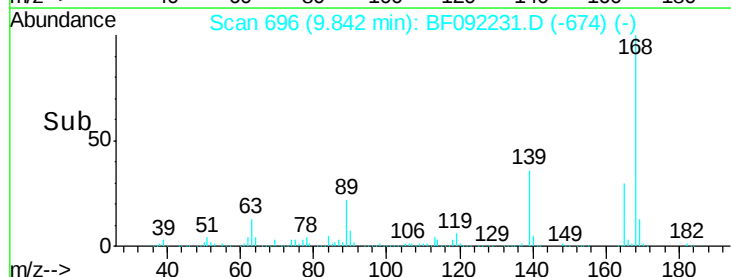


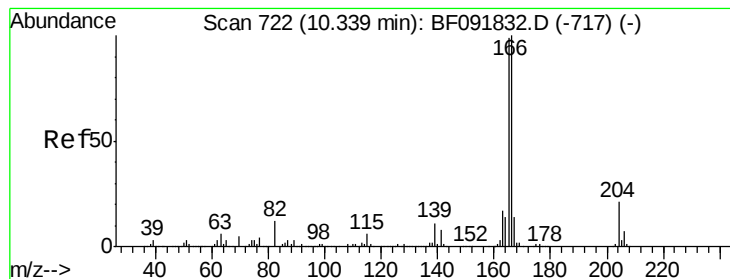
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.77 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

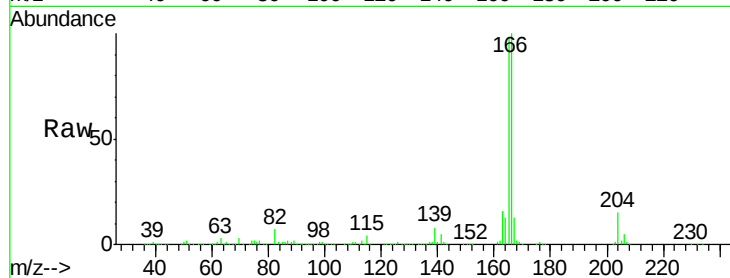
Tgt Ion:166 Resp: 768818

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

600000

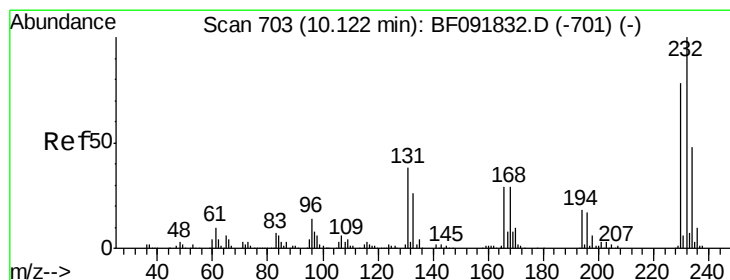
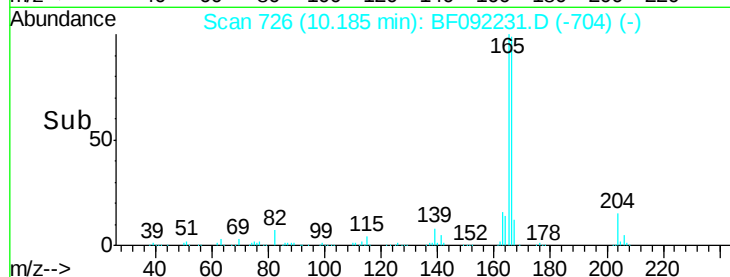
10.18

400000

200000

0

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.80 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:232 Resp: 199206

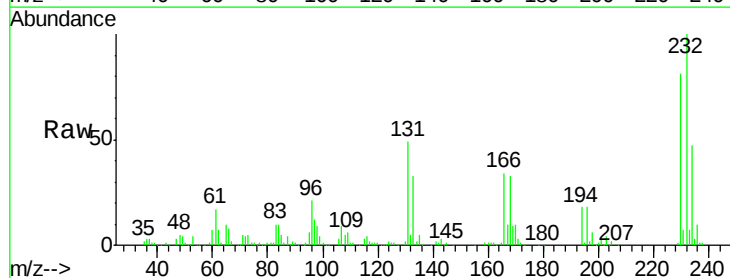
Ion Ratio Lower Upper

232 100

131 47.4 40.1 60.1

130 2.2 1.8 2.8

166 31.1 26.6 39.8



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

800000

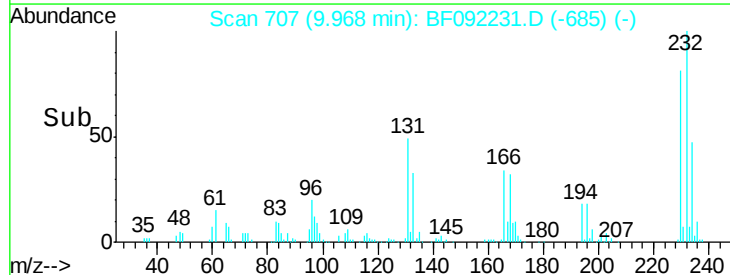
600000

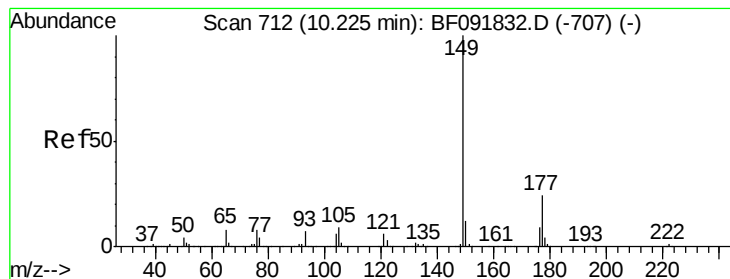
400000

200000

0

Time-->





#59

Diethylphthalate

Concen: 40.87 ng

RT: 10.07 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

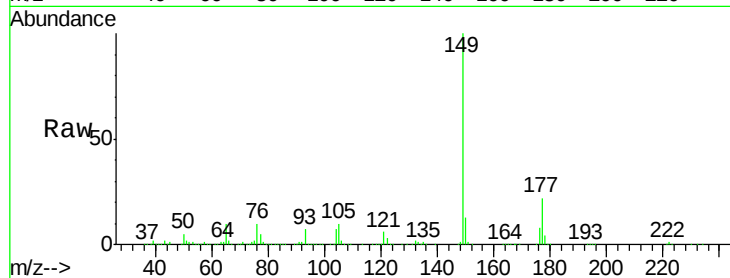
Tgt Ion:149 Resp: 883443

Ion Ratio Lower Upper

149 100

177 21.8 16.6 25.0

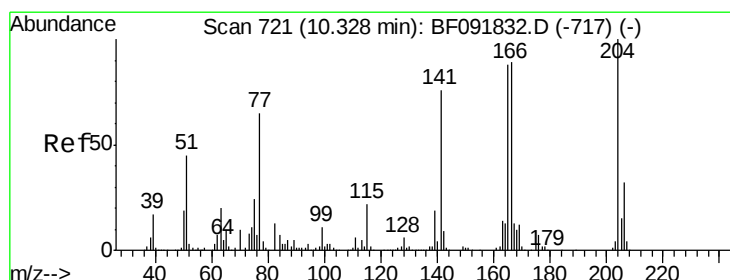
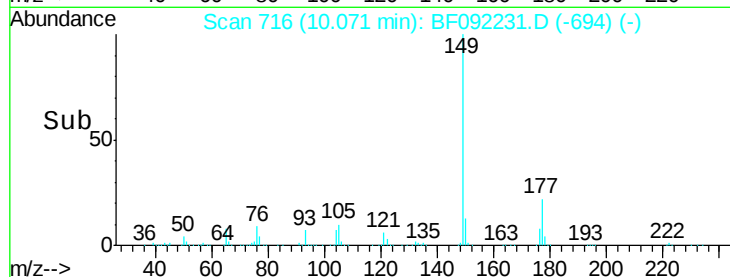
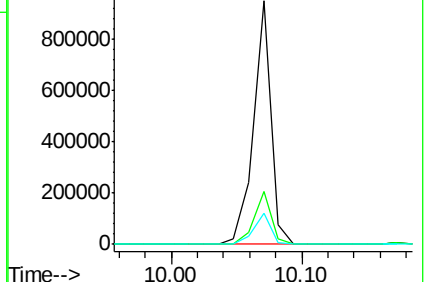
150 12.7 10.4 15.6



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: 38.24 ng

RT: 10.17 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

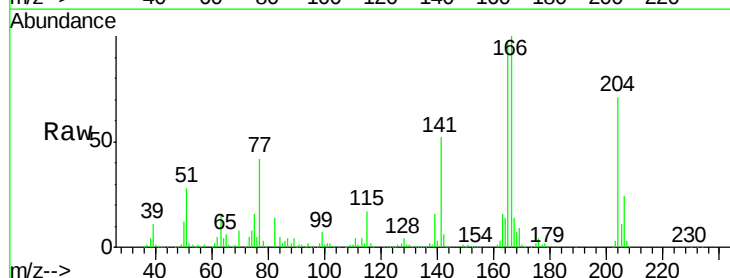
Tgt Ion:204 Resp: 323675

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

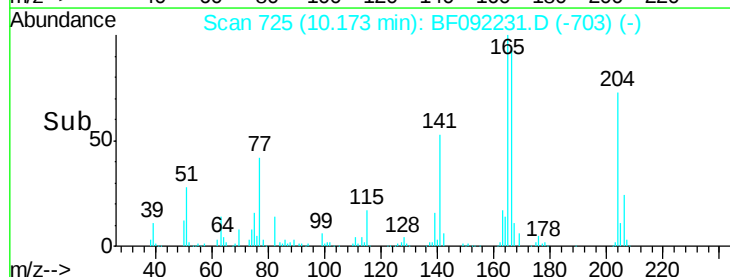
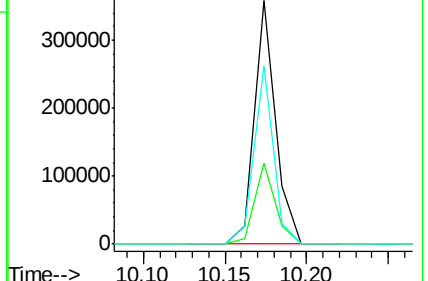
141 73.2 59.4 89.0

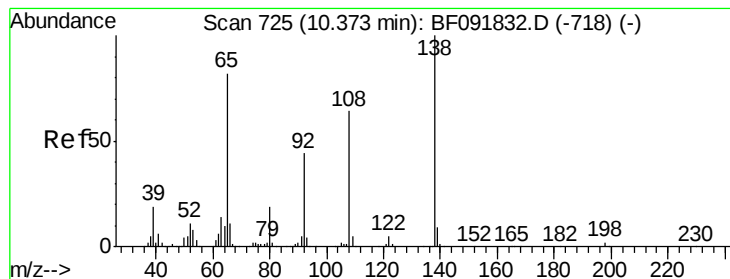


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.96 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

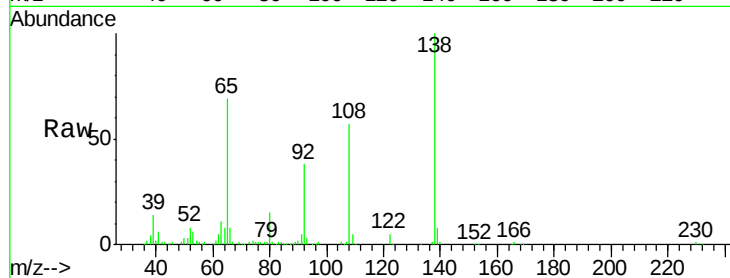
Tgt Ion: 138 Resp: 187165

Ion Ratio Lower Upper

138 100

92 38.2 31.7 71.7

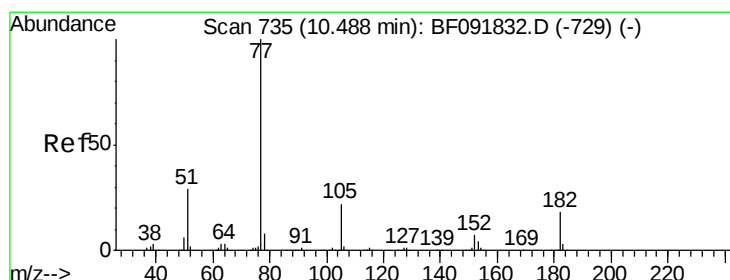
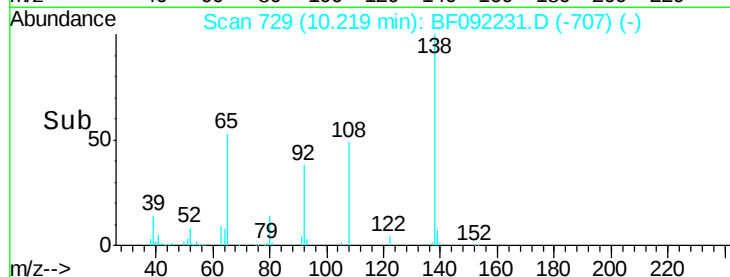
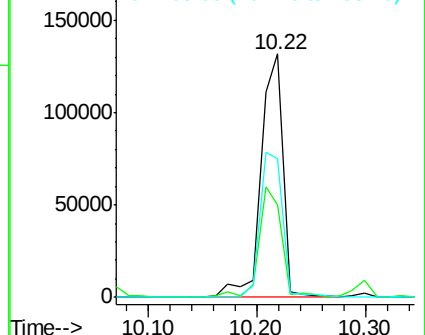
108 56.9 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.78 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion: 77 Resp: 922772

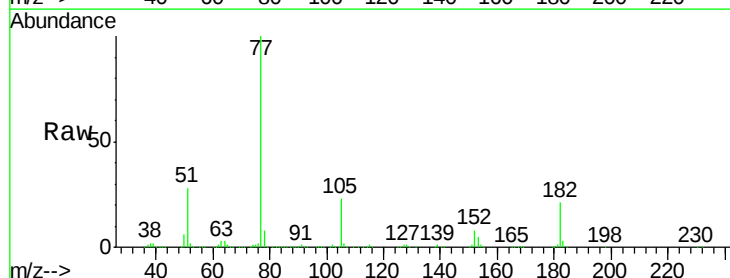
Ion Ratio Lower Upper

77 100

182 21.1 0.0 39.3

105 22.9 2.3 42.3

51 27.9 8.9 48.9

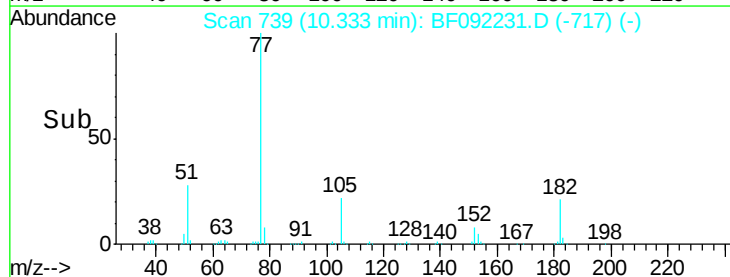
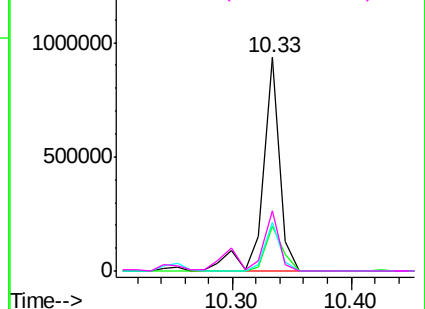


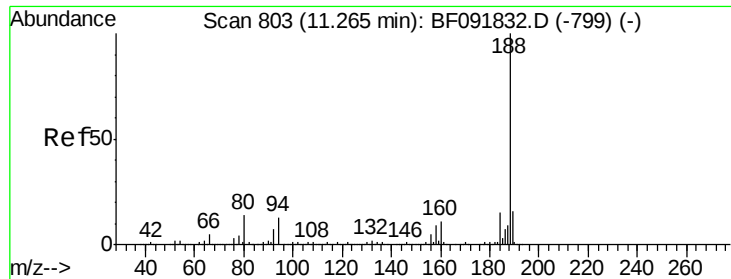
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

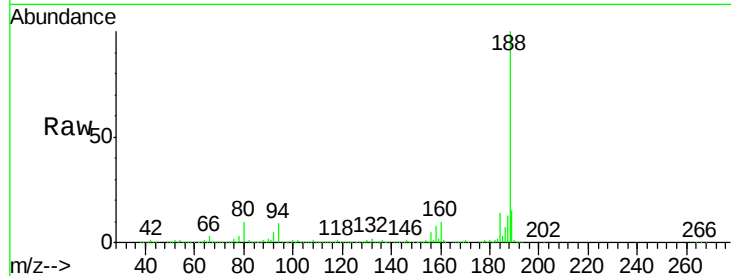
Tgt Ion:188 Resp: 486795

Ion Ratio Lower Upper

188 100

94 8.8 10.0 15.0#

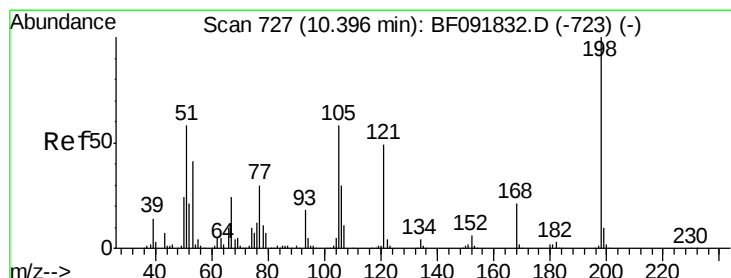
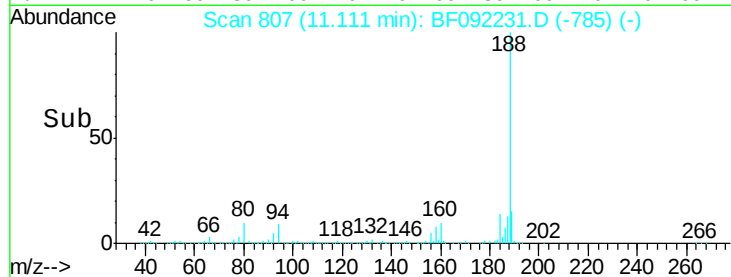
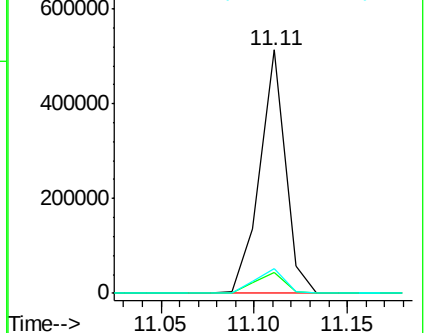
80 10.1 11.2 16.8#



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: 30.79 ng

RT: 10.25 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

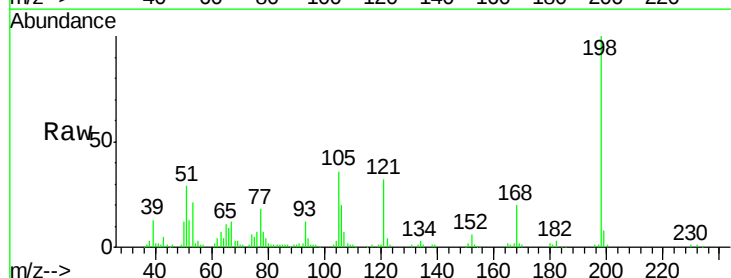
Tgt Ion:198 Resp: 90639

Ion Ratio Lower Upper

198 100

51 28.5 6.7 46.7

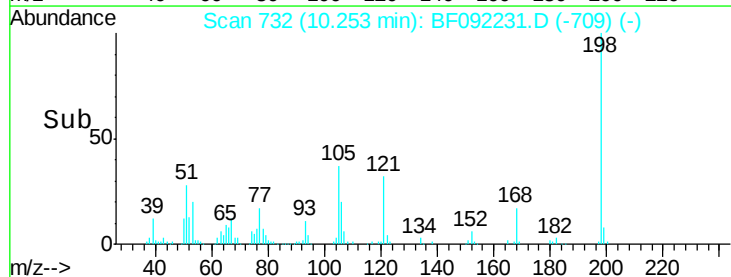
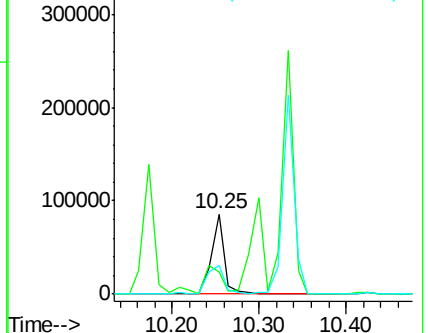
105 36.4 16.6 56.6

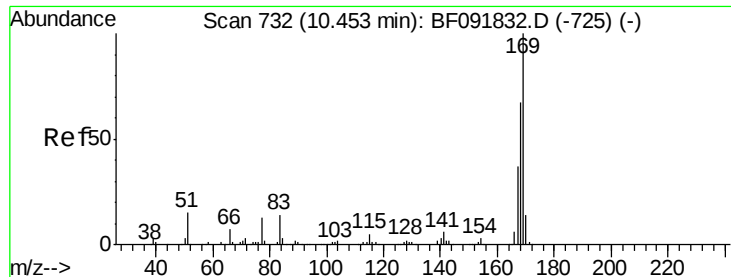


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.60 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

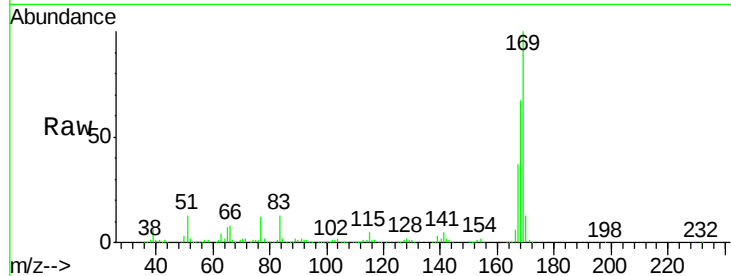
Tgt Ion:169 Resp: 702011

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

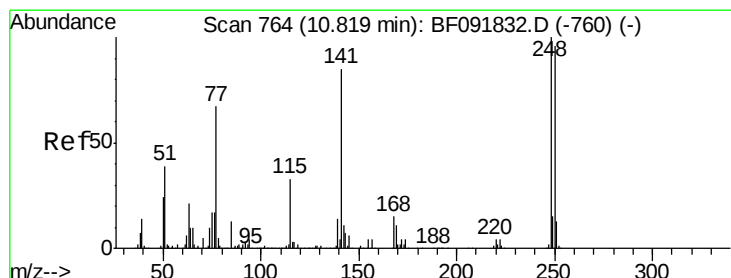
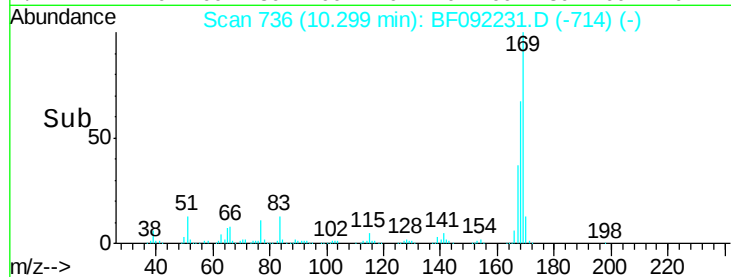
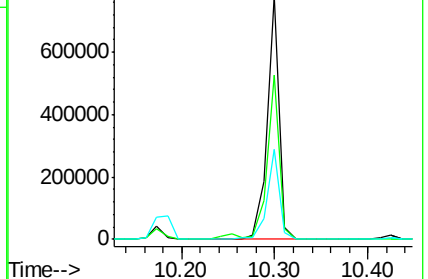
167 37.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.93 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

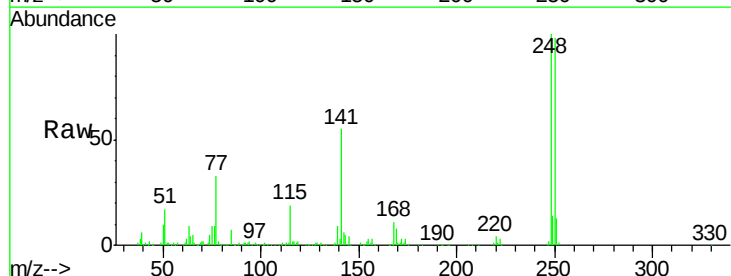
Tgt Ion:248 Resp: 227504

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

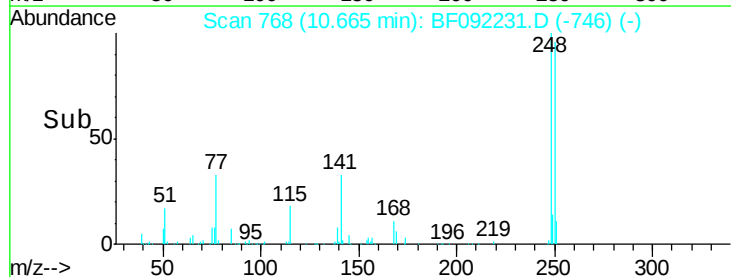
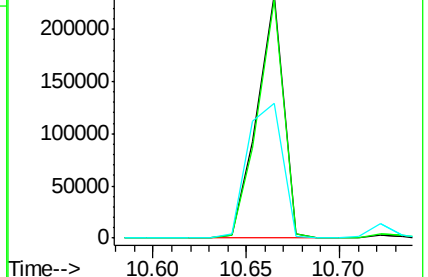
141 55.5 68.2 102.4#

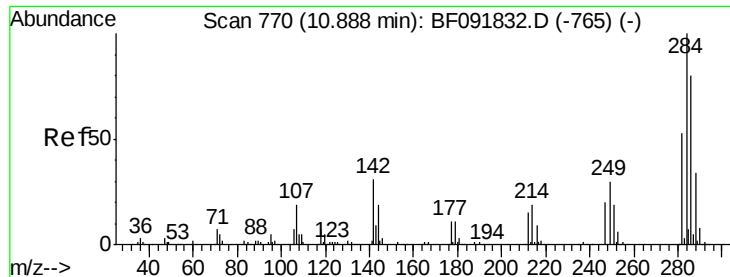


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

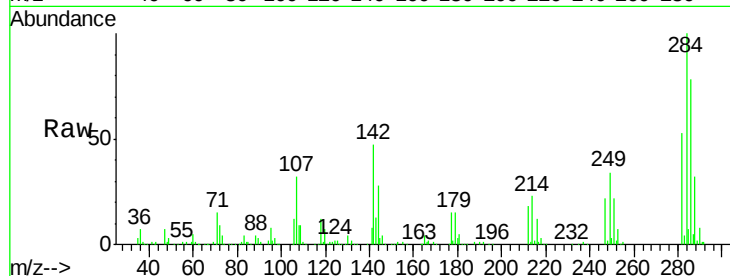




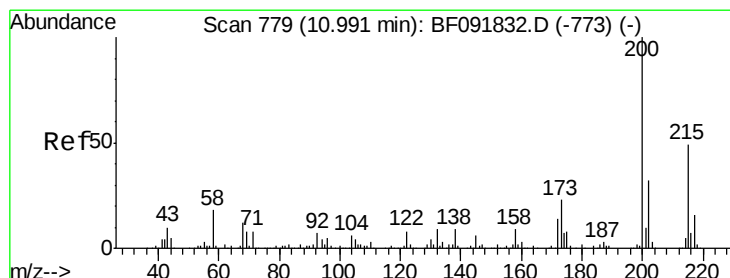
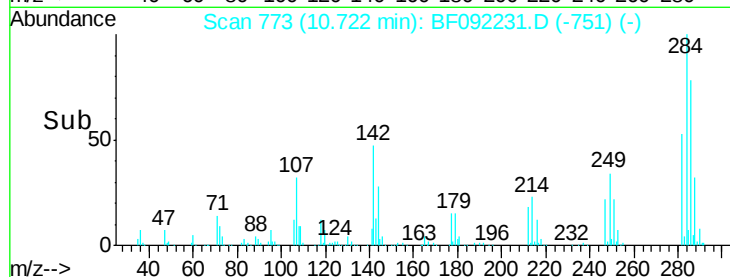
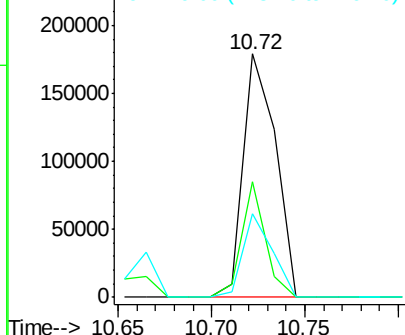
#67
Hexachlorobenzene
Concen: 39.66 ng
RT: 10.72 min Scan# 773
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tgt Ion: 284 Resp: 214661
Ion Ratio Lower Upper
284 100
142 47.5 22.6 33.8#
249 34.3 25.4 38.0

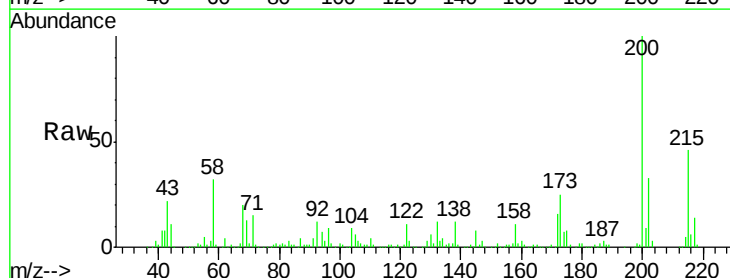


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

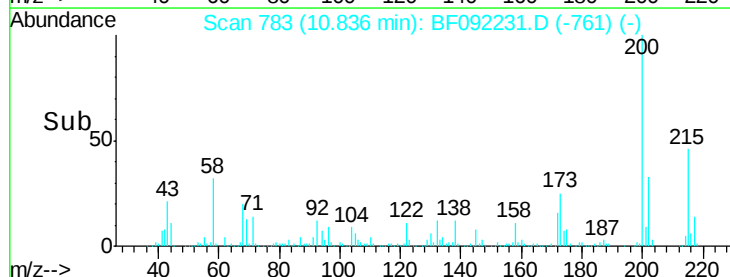
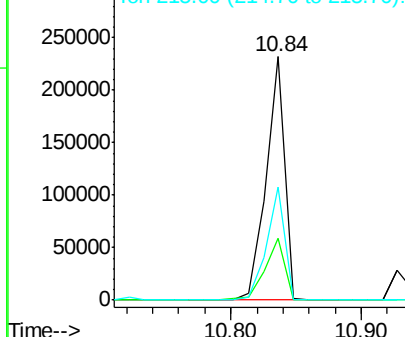


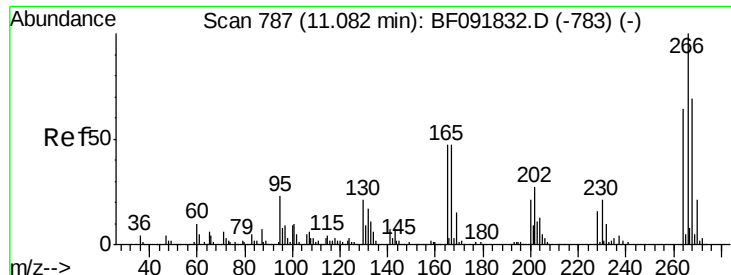
#68
Atrazine
Concen: 49.35 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion: 200 Resp: 229954
Ion Ratio Lower Upper
200 100
173 25.5 9.6 49.6
215 46.5 25.7 65.7



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

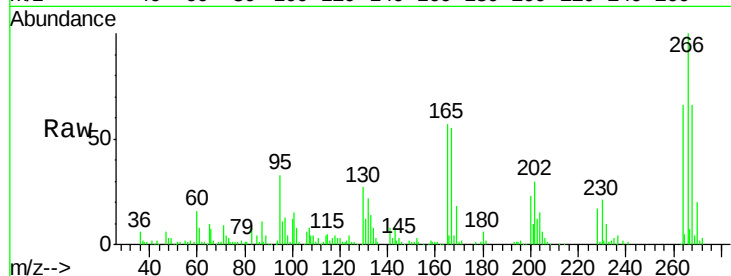




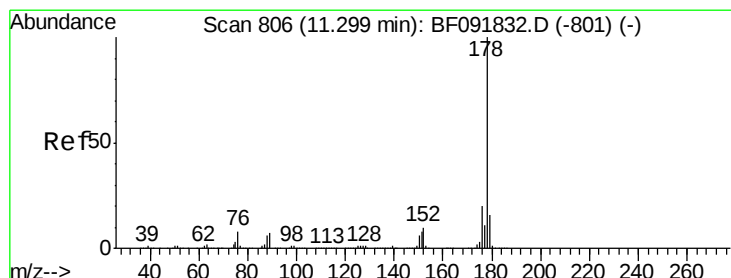
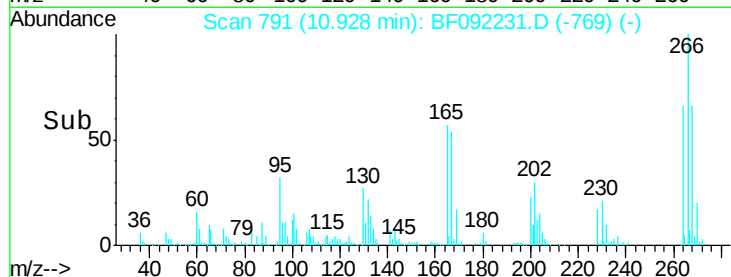
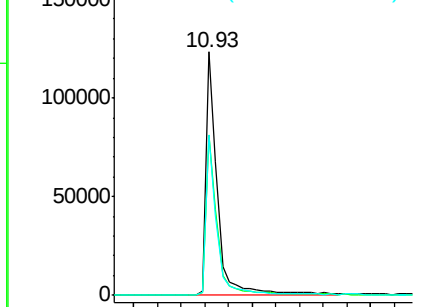
#69
 Pentachlorophenol
 Concen: 63.65 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion: 266 Resp: 169052
 Ion Ratio Lower Upper
 266 100
 268 65.9 53.3 79.9
 264 65.9 50.3 75.5

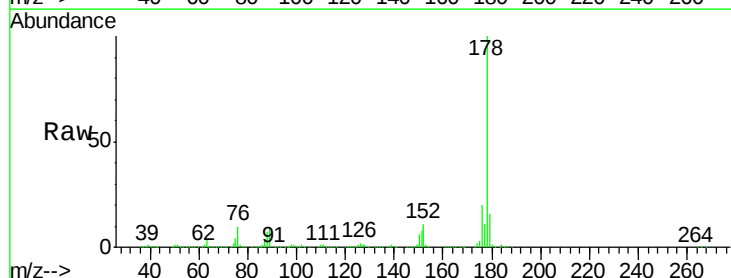


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

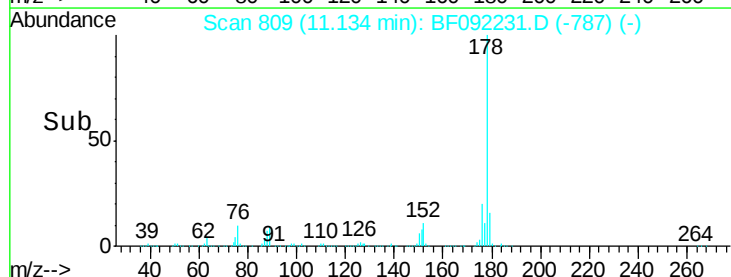
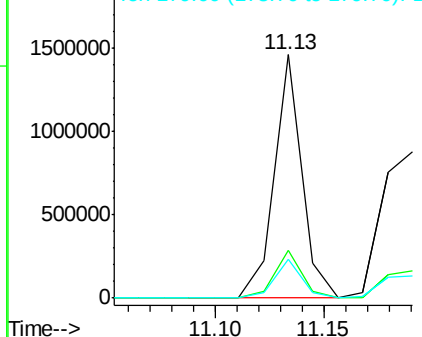


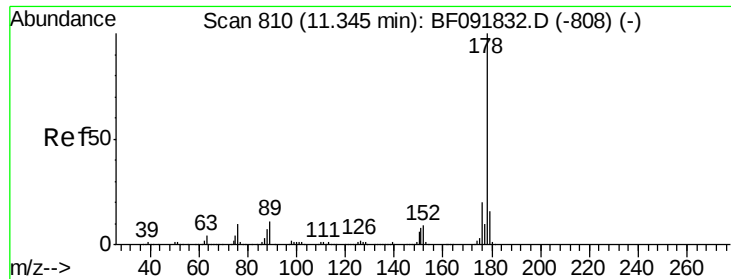
#70
 Phenanthrene
 Concen: 49.40 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion: 178 Resp: 1303971
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 15.9 12.8 19.2



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

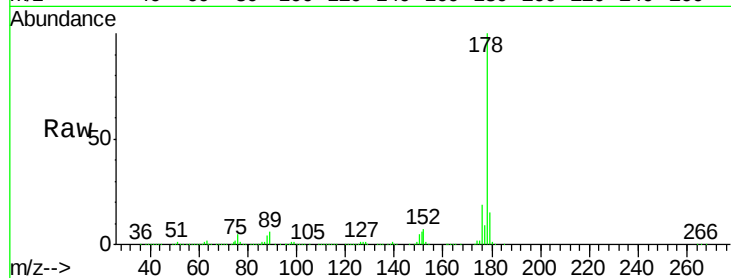




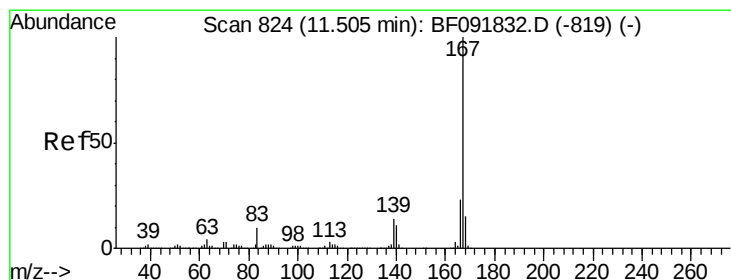
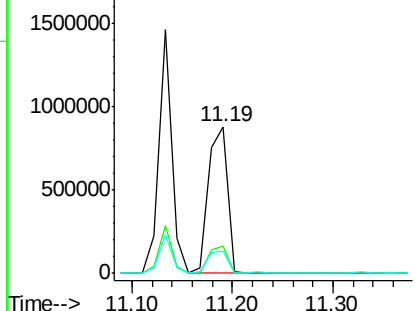
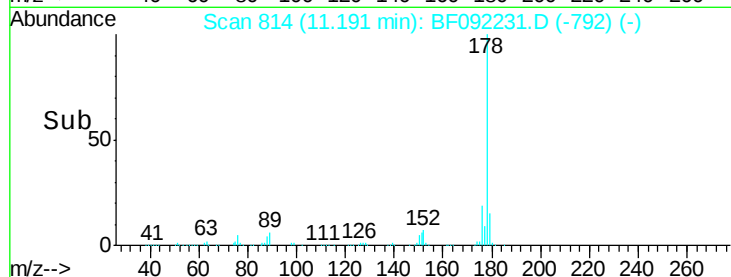
#71
 Anthracene
 Concen: 51.88 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:178 Resp: 1150932
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.5 13.2 19.8

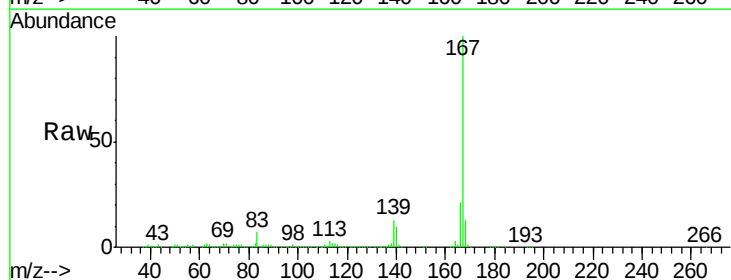


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

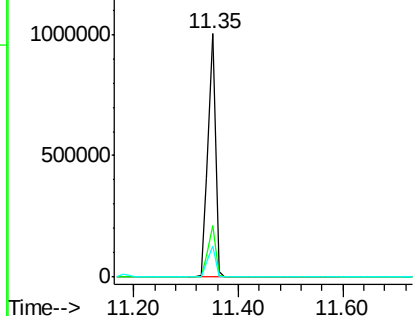
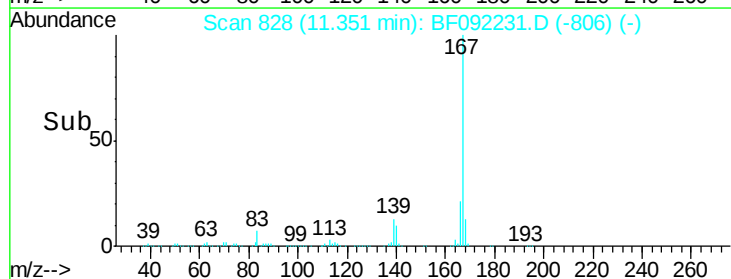


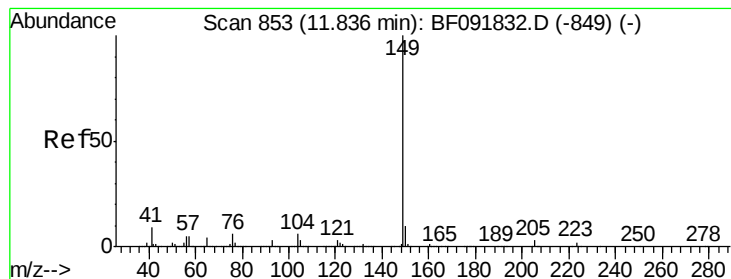
#72
 Carbazole
 Concen: 46.17 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion:167 Resp: 992019
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.2
 139 12.7 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 1000000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.55 ng

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

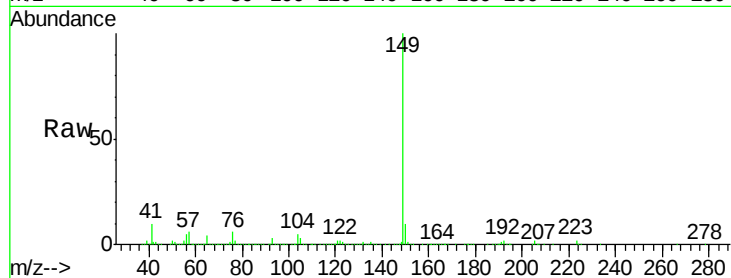
Tgt Ion:149 Resp: 1160666

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

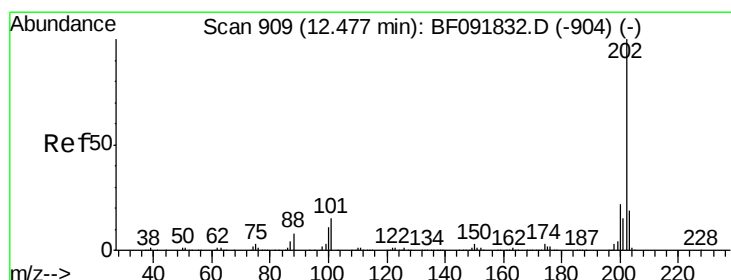
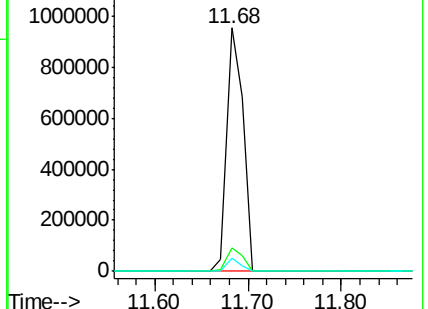
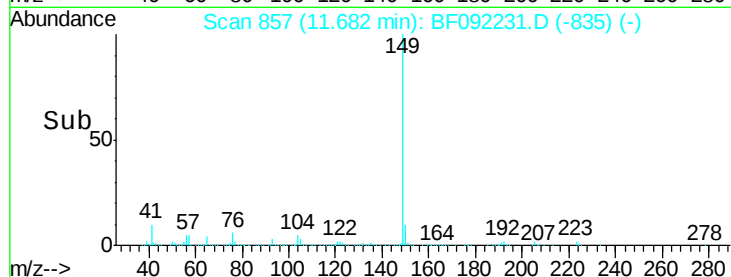
104 5.4 4.6 7.0



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: 63.68 ng

RT: 12.32 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

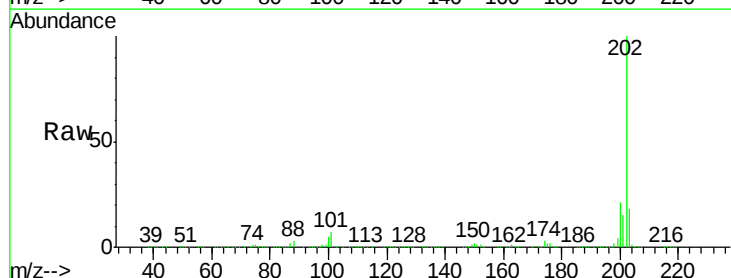
Tgt Ion:202 Resp: 1437892

Ion Ratio Lower Upper

202 100

101 6.9 0.0 34.6

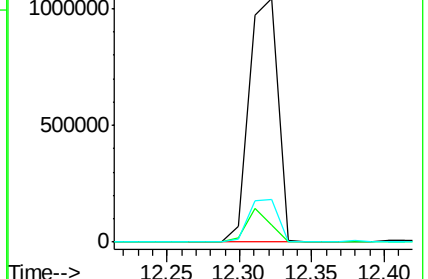
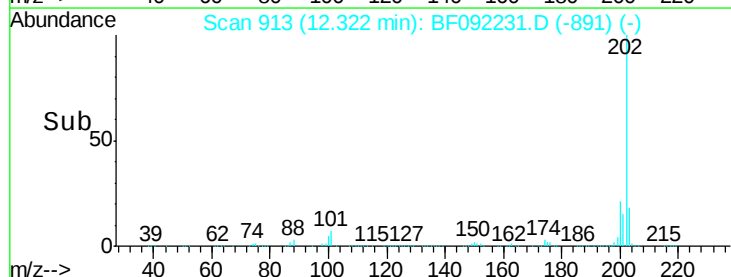
203 17.6 0.0 38.7

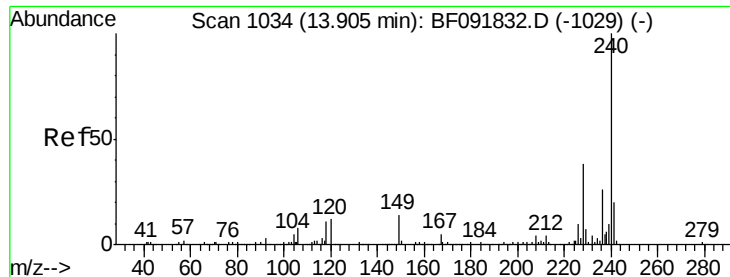


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

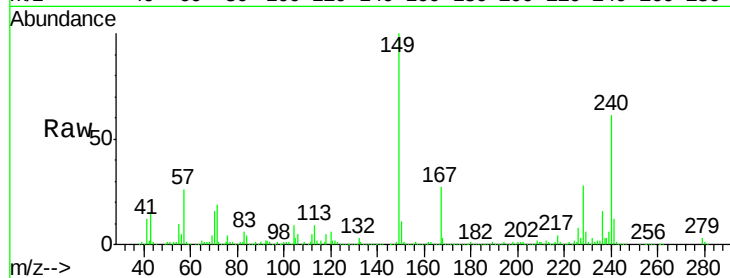
Tgt Ion:240 Resp: 310006

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

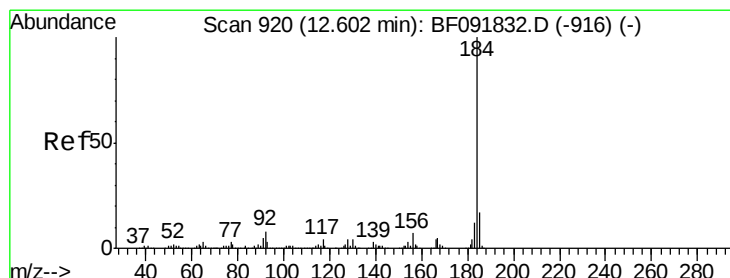
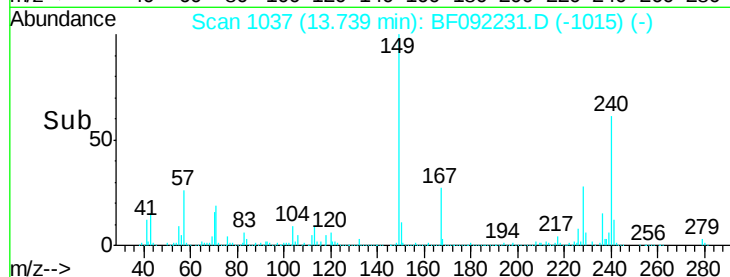
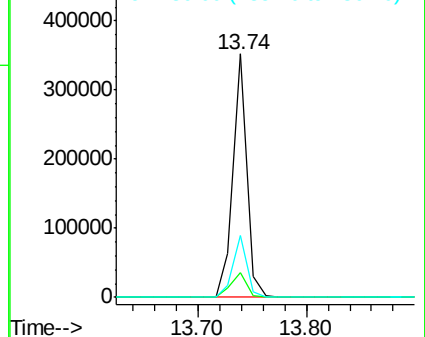
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.58 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

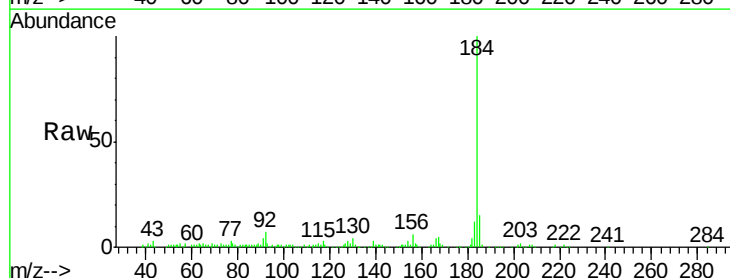
Tgt Ion:184 Resp: 166453

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

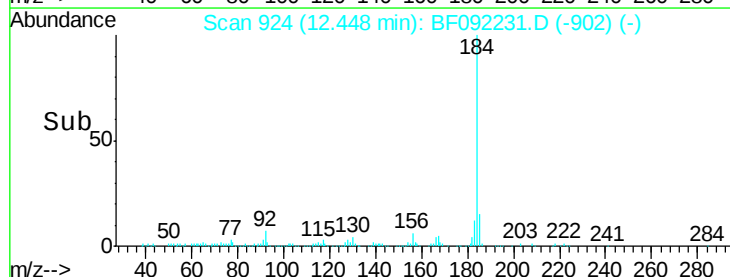
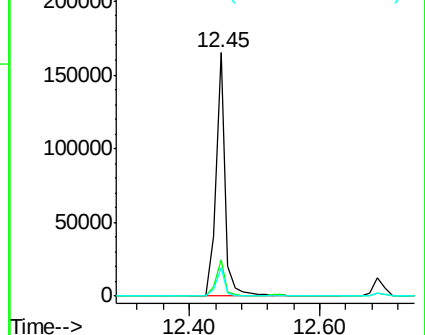
183 11.6 9.2 13.8

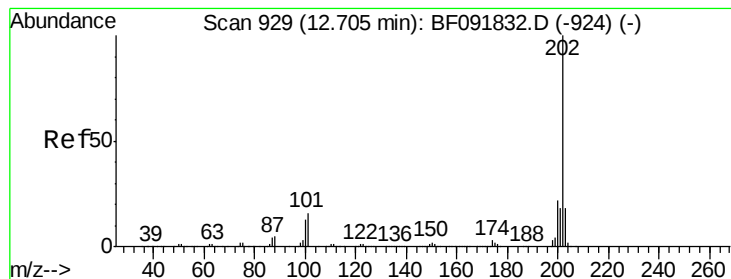


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 53.67 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

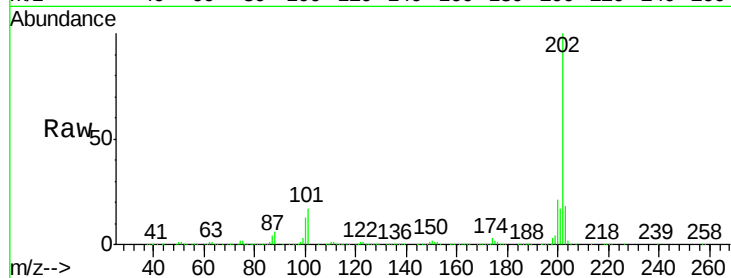
Tgt Ion:202 Resp: 1220698

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

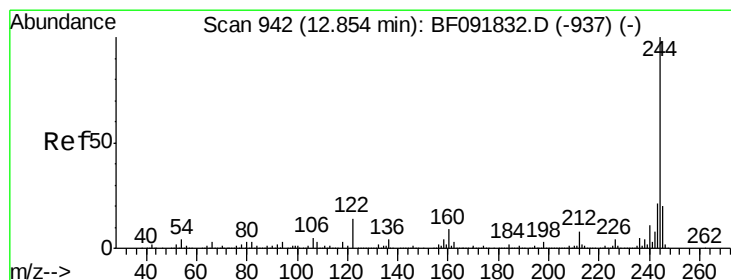
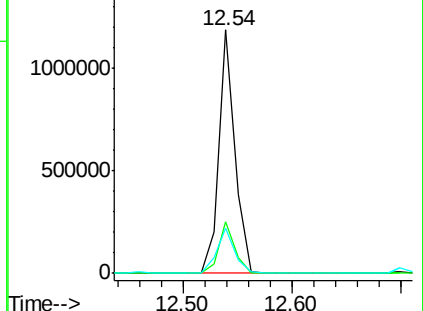
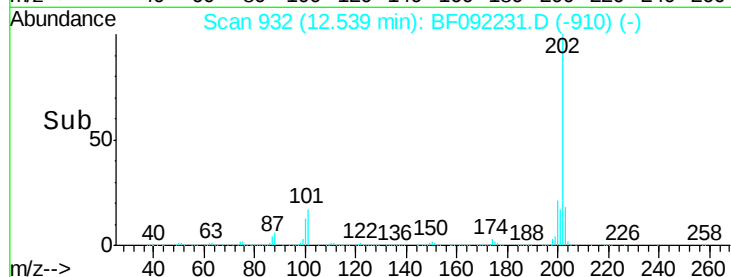
203 18.4 14.7 22.1



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: 81.13 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

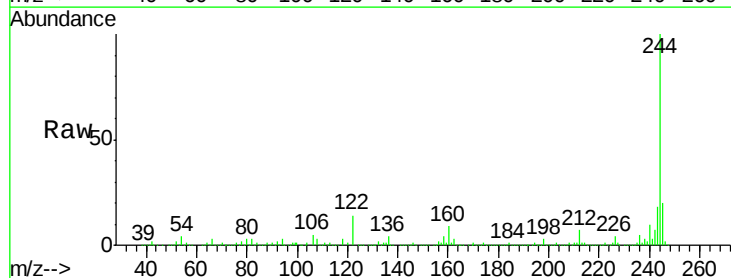
Tgt Ion:244 Resp: 1037056

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

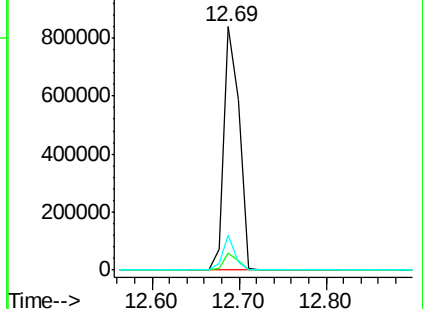
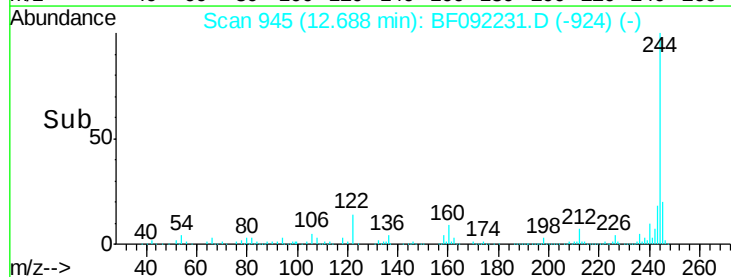
122 14.5 11.4 17.2

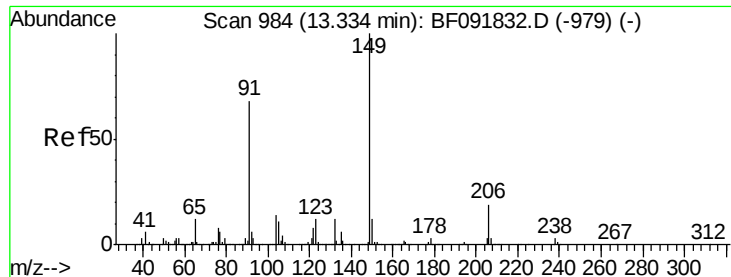


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

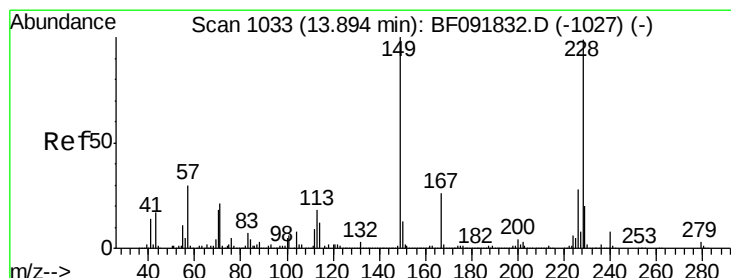
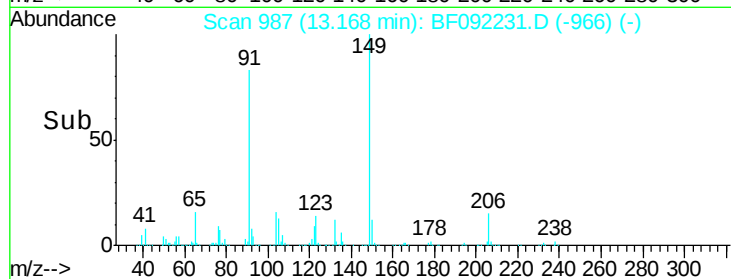
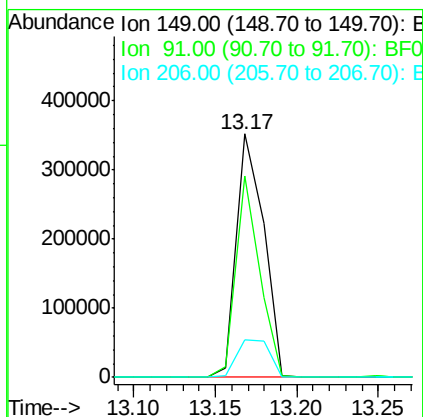
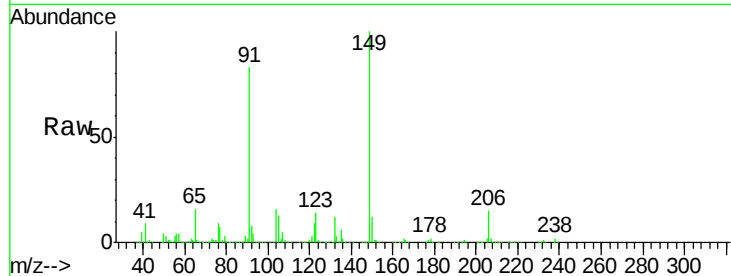




#79
Butylbenzylphthalate
Concen: 39.33 ng
RT: 13.17 min Scan# 987
Delta R.T. -0.06 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

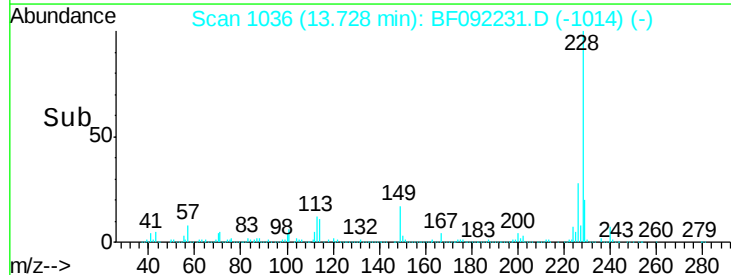
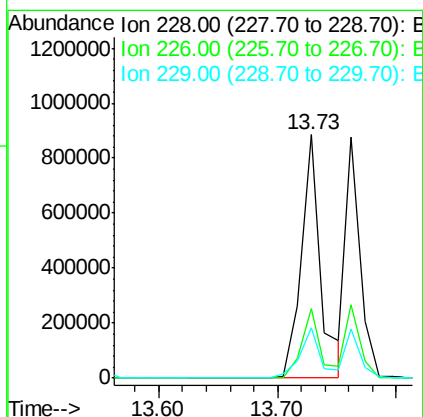
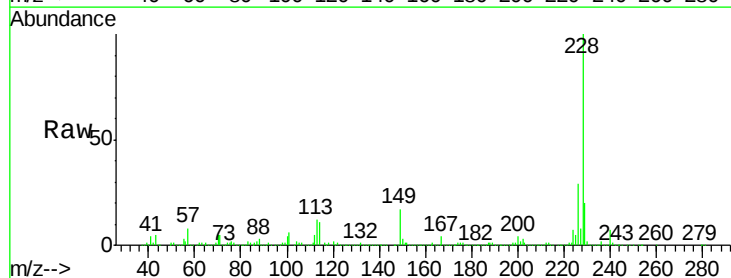
Instrument :
BNA_F
ClientSampleId :
SW-001MS

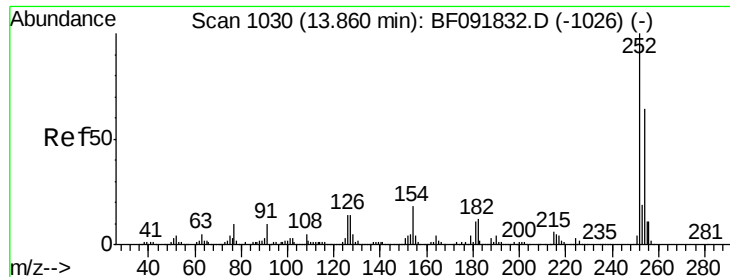
Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.9	63.9	95.9
206	15.3	14.6	21.8



#80
Benzo(a)anthracene
Concen: 56.99 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.4	16.2	24.4

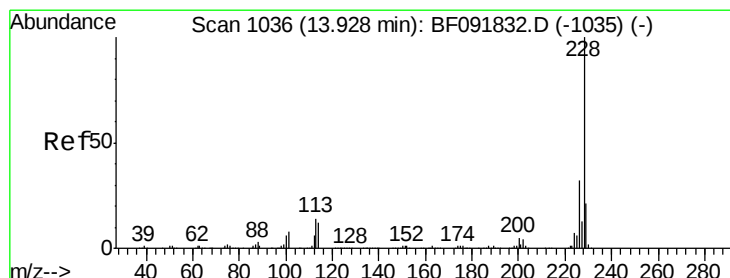
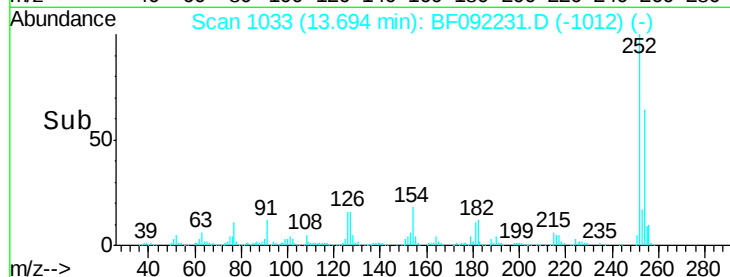
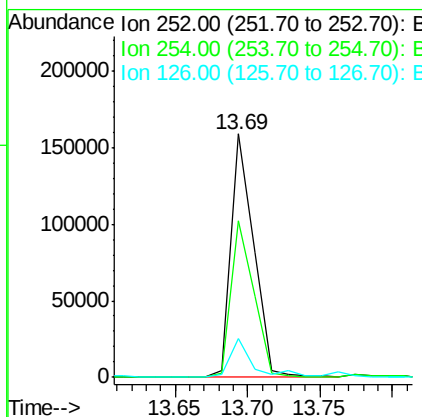
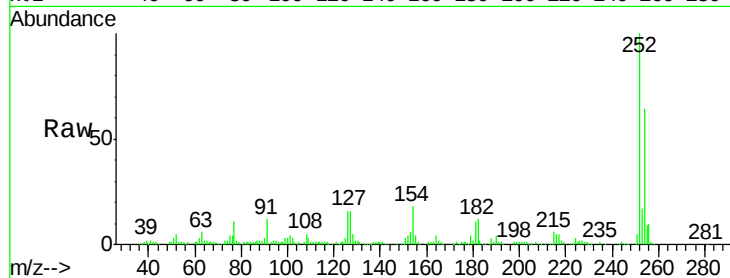




#81
 3,3'-Dichlorobenzidine
 Concen: 26.21 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

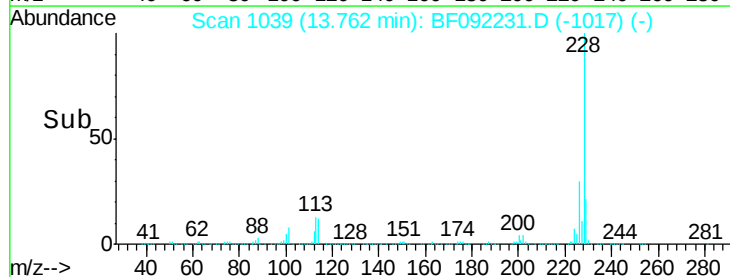
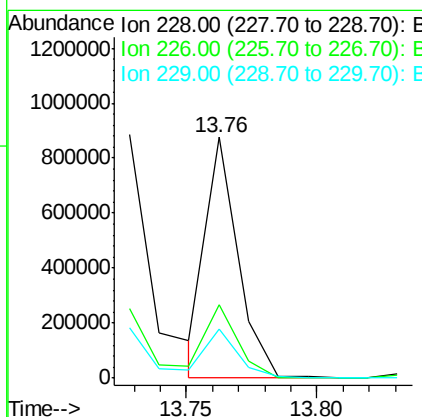
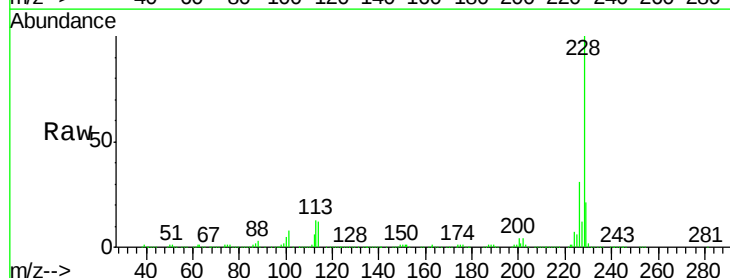
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

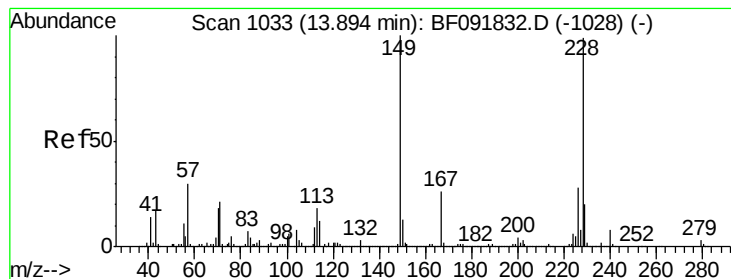
Tgt Ion: 252 Resp: 173902
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.3 78.5
 126 16.0 13.6 20.4



#82
 Chrysene
 Concen: 42.64 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion: 228 Resp: 748539
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.0
 229 20.6 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.86 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

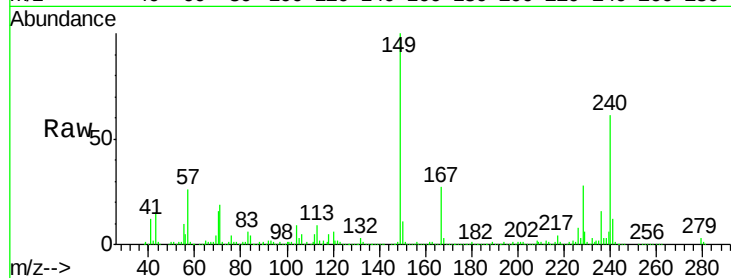
Tgt Ion:149 Resp: 534294

Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.4

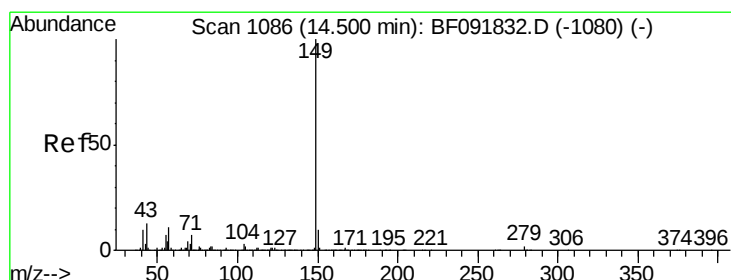
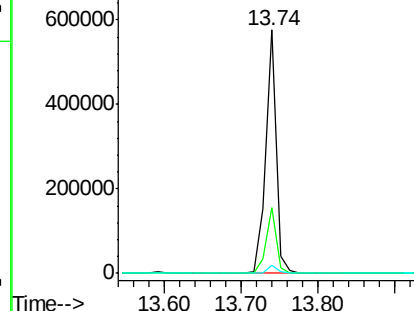
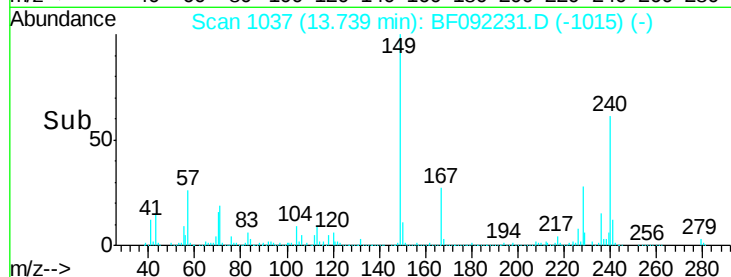
279 3.2 1.8 2.8#



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: 44.60 ng

RT: 14.35 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

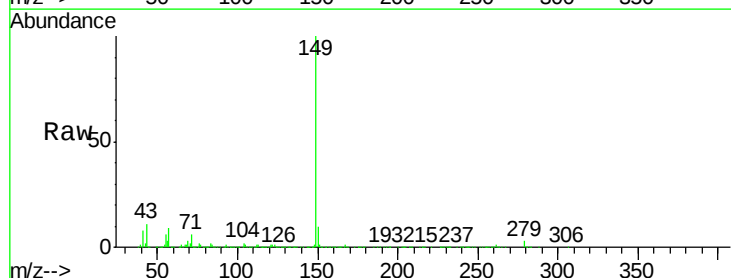
Tgt Ion:149 Resp: 1006453

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

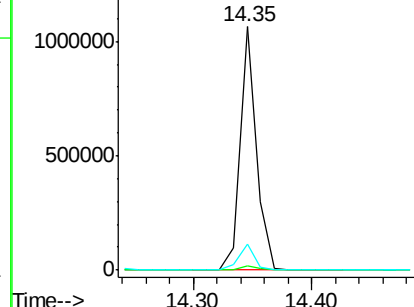
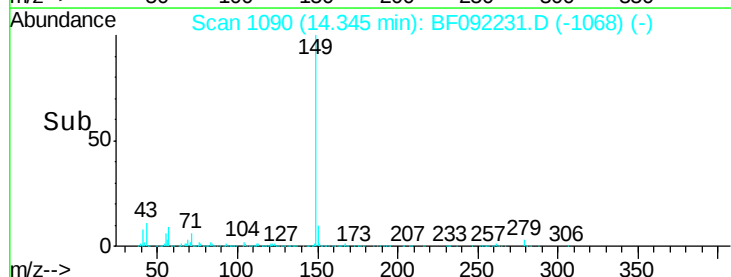
43 10.1 8.9 13.3

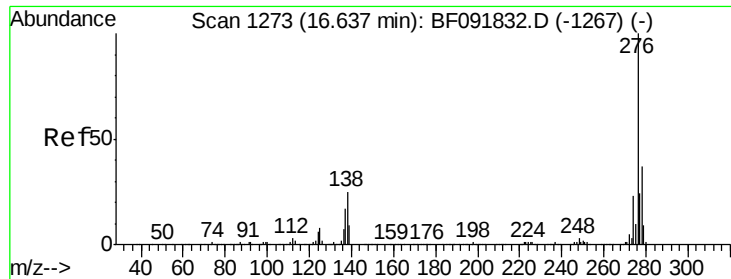


Abundance Ion 149.00 (148.70 to 149.70): E

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: 53.41 ng

RT: 16.35 min Scan# 1265

Delta R.T. -0.08 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

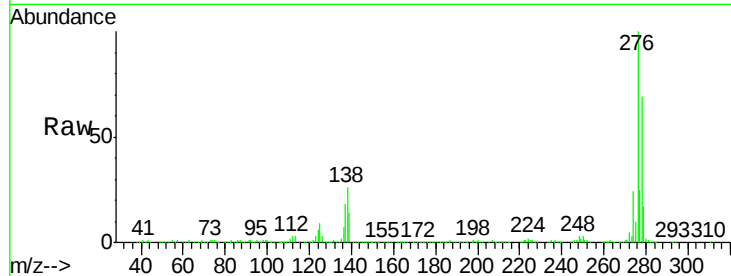
Tgt Ion: 276 Resp: 812148

Ion Ratio Lower Upper

276 100

138 27.0 21.8 32.6

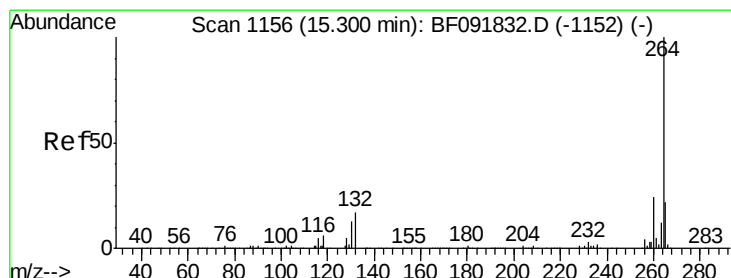
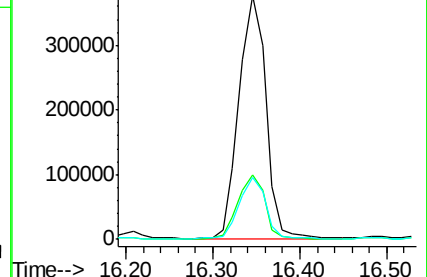
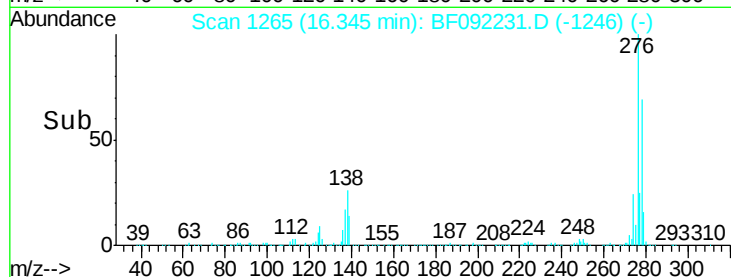
277 25.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1156

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

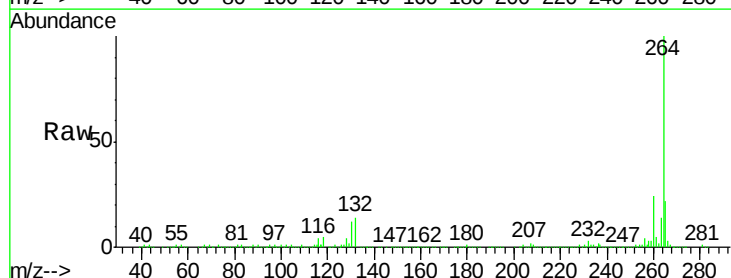
Tgt Ion: 264 Resp: 351067

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

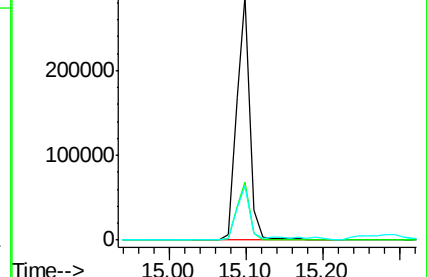
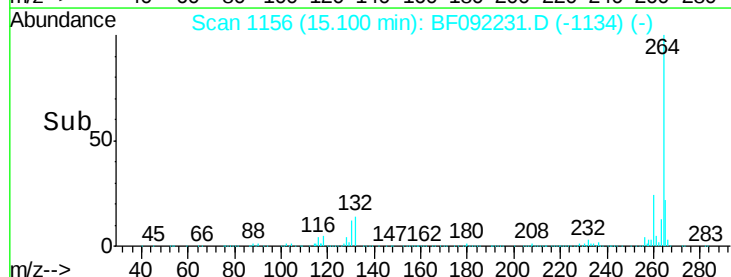
265 22.1 17.4 26.0

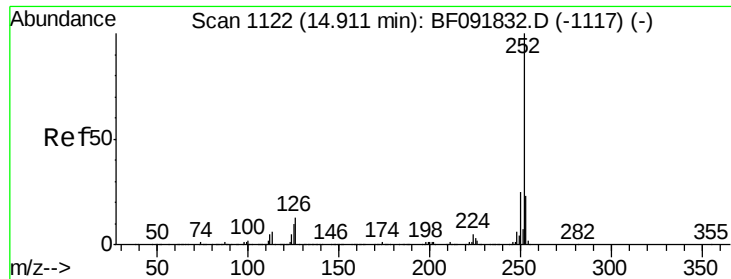


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

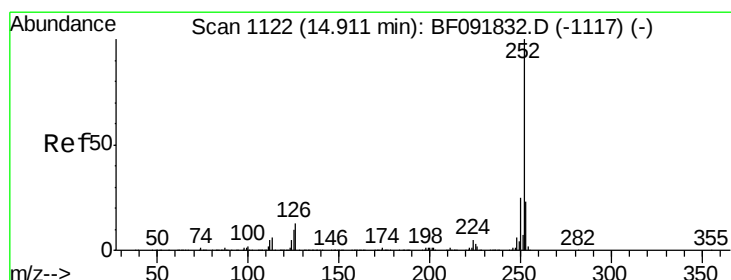
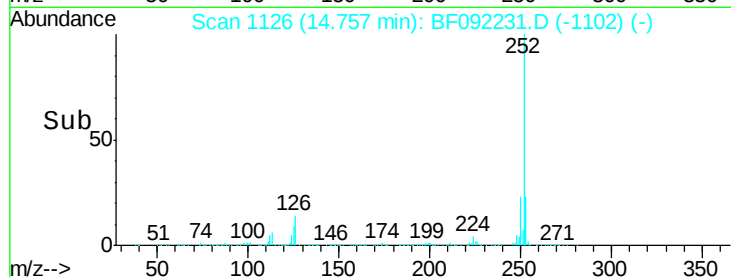
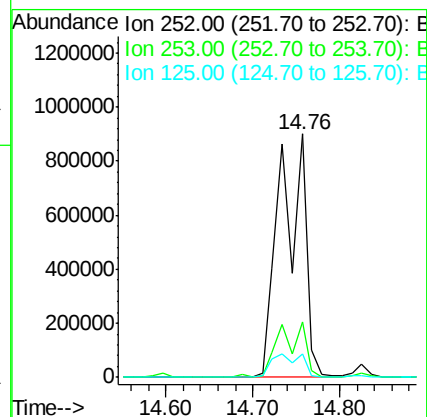
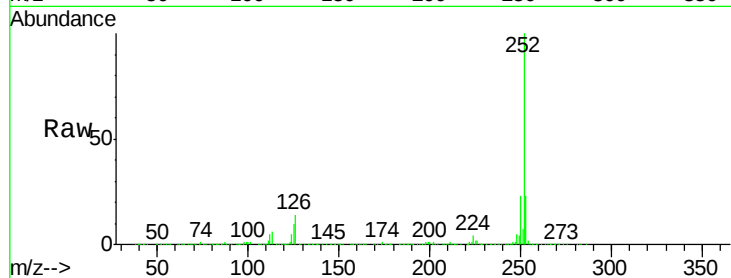




#87
Benzo(b)fluoranthene
Concen: 84.53 ng
RT: 14.76 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

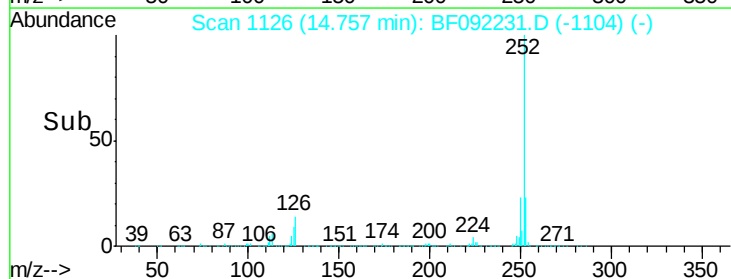
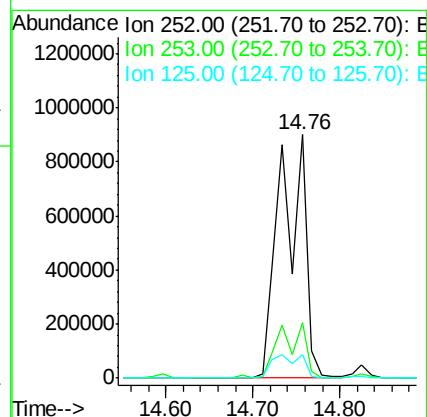
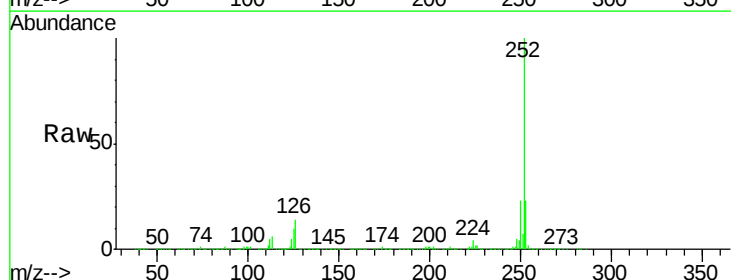
Instrument :
BNA_F
ClientSampleId :
SW-001MS

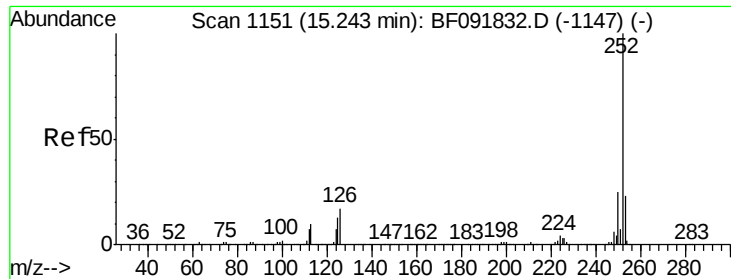
Tgt Ion:252 Resp: 1847496
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.5 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 99.12 ng
RT: 14.76 min Scan# 1126
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion:252 Resp: 1847496
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 9.5 8.9 13.3





#89

Benzo(a)pyrene

Concen: 47.36 ng

RT: 15.04 min Scan# 1151

Delta R.T. -0.06 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

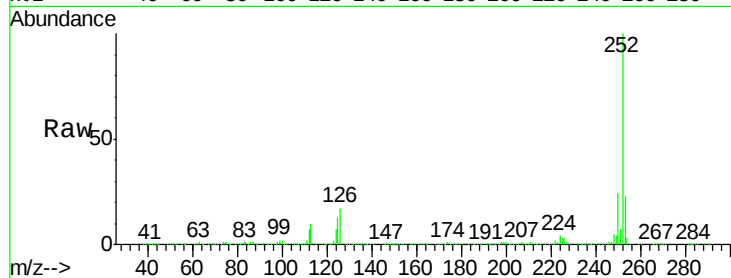
Tgt Ion: 252 Resp: 918705

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

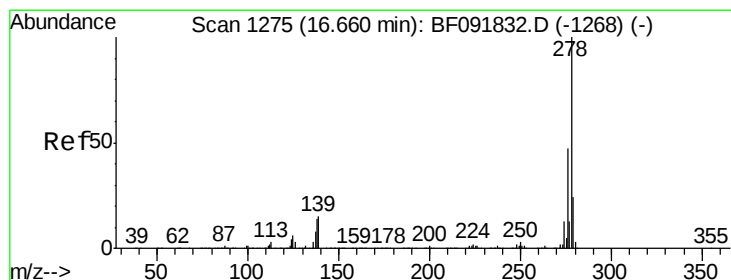
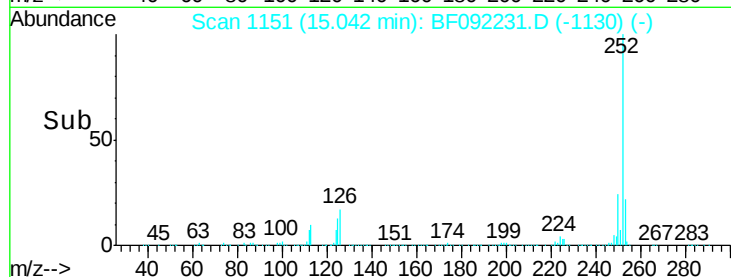
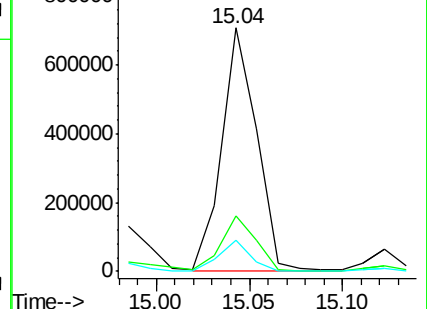
125 13.0 10.0 15.0



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: 39.23 ng

RT: 16.36 min Scan# 1266

Delta R.T. -0.08 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

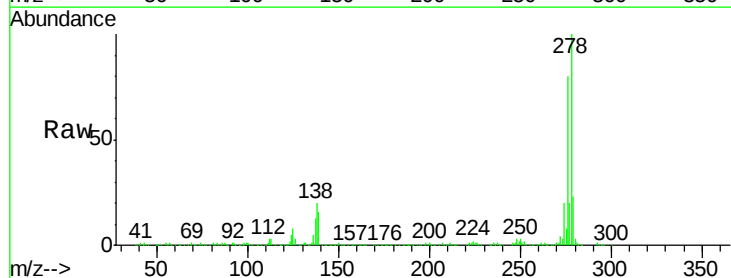
Tgt Ion: 278 Resp: 625536

Ion Ratio Lower Upper

278 100

139 15.6 14.8 22.2

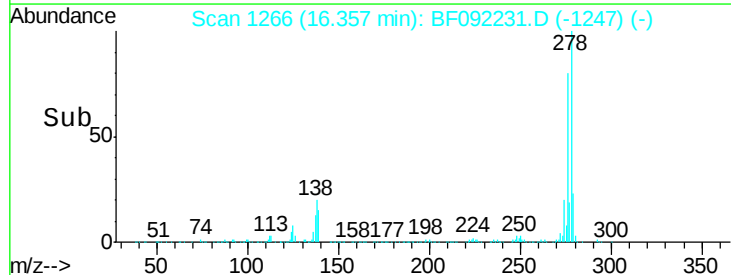
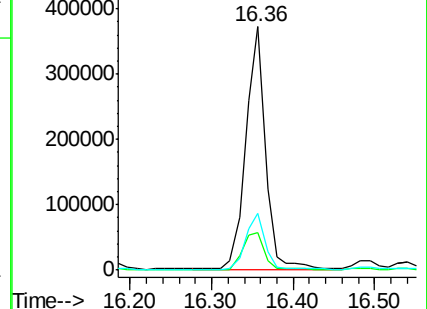
279 23.4 19.8 29.6

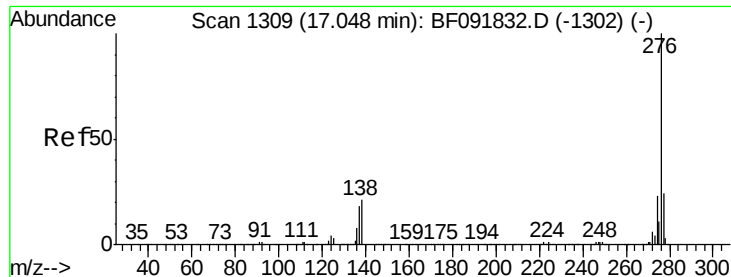


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.47 ng

RT: 16.71 min Scan# 1297

Delta R.T. -0.09 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

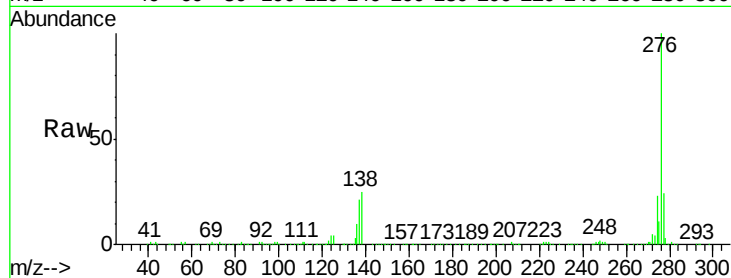
Tgt Ion: 276 Resp: 687591

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 25.1 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

