

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090672.D
 Acq On : 20 Oct 2016 3:54
 Operator : UM/SJ
 Sample : PB94170BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

Quant Time: Oct 20 06:35:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	228111	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1023822	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	518496	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	784757	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	539143	20.00	ng	-0.01
86) Perylene-d12	15.50	264	479998	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	873695	70.22	ng	0.00
7) Phenol-d6	6.52	99	1179879	63.81	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1197671	64.98	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	228509	49.43	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1892719	60.15	ng	-0.01
78) Terphenyl-d14	13.00	244	1484737	64.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	208466	29.40	ng	97
3) Pyridine	3.31	79	495836	31.19	ng	92
4) n-Nitrosodimethylamine	3.26	42	191289	35.77	ng	85
6) Aniline	6.54	93	493760	22.10	ng	# 77
8) 2-Chlorophenol	6.67	128	548706	34.01	ng	96
9) Benzaldehyde	6.43	77	123803	10.53	ng	93
10) Phenol	6.53	94	656440	31.04	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	584577	33.51	ng	96
12) 1,3-Dichlorobenzene	6.83	146	524048	32.57	ng	97
13) 1,4-Dichlorobenzene	6.83	146	524048	29.95	ng	100
14) 1,2-Dichlorobenzene	7.06	146	572481	34.99	ng	99
15) Benzyl Alcohol	7.03	79	470973	37.40	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	879042	35.80	ng	92
17) 2-Methylphenol	7.15	107	452682	36.00	ng	97
18) Hexachloroethane	7.40	117	223653	32.34	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	443488	34.98	ng	98
20) 3+4-Methylphenols	7.30	107	535929	35.16	ng	95
22) Acetophenone	7.30	105	741846	32.80	ng	95
24) Nitrobenzene	7.47	77	600593	31.75	ng	96
25) Isophorone	7.71	82	1139166	33.96	ng	98
26) 2-Nitrophenol	7.79	139	252379	29.41	ng	97
27) 2,4-Dimethylphenol	7.83	122	480741	33.76	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	685804	34.62	ng	99
29) 2,4-Dichlorophenol	8.03	162	380537	30.51	ng	89
30) 1,2,4-Trichlorobenzene	8.12	180	434566	29.75	ng	99
31) Naphthalene	8.20	128	1559935	29.91	ng	99
32) Benzoic acid	7.93	122	121792	13.93	ng	98
33) 4-Chloroaniline	8.25	127	320417	16.07	ng	97
34) Hexachlorobutadiene	8.31	225	241538	29.59	ng	100
35) Caprolactam	8.61	113	119174	34.24	ng	# 84
36) 4-Chloro-3-methylphenol	8.74	107	450077	31.27	ng	# 79
37) 2-Methylnaphthalene	8.89	142	954822	31.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	443079	32.23	ng	99
40) Hexachlorocyclopentadiene	9.05	237	327772	48.81	ng	98

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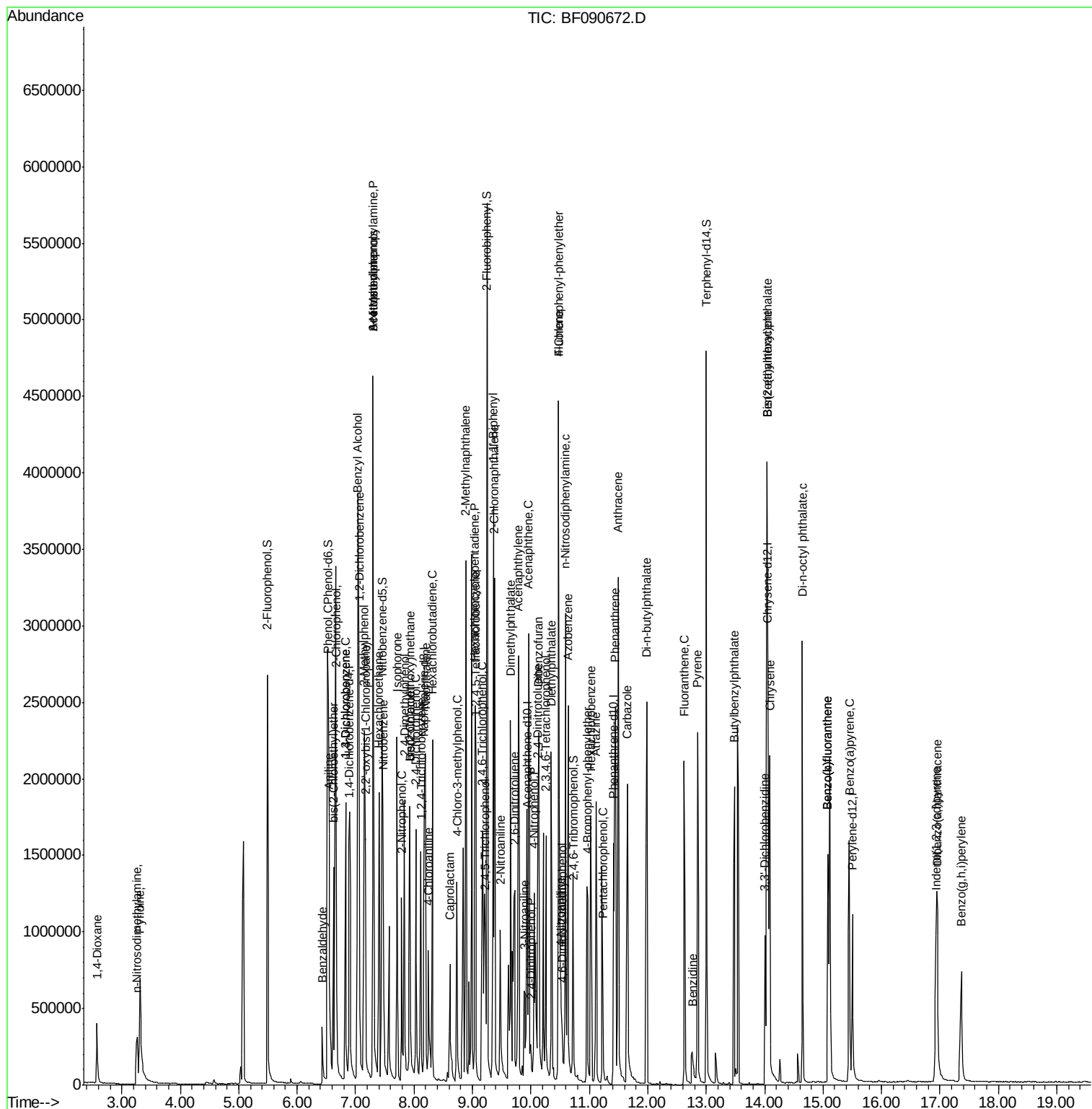
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	262377	33.84	ng	100
43) 2,4,5-Trichlorophenol	9.22	196	242123	26.17	ng	# 83
45) 1,1'-Biphenyl	9.35	154	1242081	31.48	ng	98
46) 2-Chloronaphthalene	9.38	162	938460	31.90	ng	99
47) 2-Nitroaniline	9.48	65	333889	31.31	ng	88
48) Acenaphthylene	9.79	152	1354339	28.91	ng	100
49) Dimethylphthalate	9.65	163	983758	29.24	ng	100
50) 2,6-Dinitrotoluene	9.72	165	232245	31.55	ng	94
51) Acenaphthene	9.96	154	842209	27.05	ng	99
52) 3-Nitroaniline	9.89	138	196889	21.32	ng	94
53) 2,4-Dinitrophenol	9.99	184	46568	16.50	ng	87
54) Dibenzofuran	10.13	168	1221195	29.82	ng	90
55) 4-Nitrophenol	10.05	139	248632	44.73	ng	97
56) 2,4-Dinitrotoluene	10.12	165	316563	31.66	ng	98
57) Fluorene	10.47	166	974266	28.84	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	199287	25.87	ng	98
59) Diethylphthalate	10.35	149	1053062	30.87	ng	100
60) 4-Chlorophenyl-phenylether	10.47	204	475531	29.86	ng	96
61) 4-Nitroaniline	10.51	138	239606	25.87	ng	94
62) Azobenzene	10.63	77	1317955	33.39	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	41144	8.66	ng	94
65) n-Nitrosodiphenylamine	10.59	169	818795	31.59	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	255643	30.36	ng	96
67) Hexachlorobenzene	11.02	284	290514	31.78	ng	99
68) Atrazine	11.11	200	221988	30.96	ng	100
69) Pentachlorophenol	11.23	266	200839	44.32	ng	100
70) Phenanthrene	11.45	178	1325059	31.63	ng	100
71) Anthracene	11.49	178	1369686	30.38	ng	99
72) Carbazole	11.65	167	1179117	29.22	ng	99
73) Di-n-butylphthalate	11.98	149	1647042	34.83	ng	100
74) Fluoranthene	12.62	202	1108213	26.30	ng	91
76) Benzidine	12.76	184	224585	16.74	ng	95
77) Pyrene	12.85	202	1063317	29.78	ng	100
79) Butylbenzylphthalate	13.48	149	612350	38.71	ng	93
80) Benzo(a)anthracene	14.04	228	943085	30.73	ng	98
81) 3,3'-Dichlorobenzidine	14.01	252	253142	24.14	ng	# 98
82) Chrysene	14.09	228	986095	33.35	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	843622	39.53	ng	# 99
84) Di-n-octyl phthalate	14.65	149	1245375	43.52	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.93	276	766764	44.84	ng	98
87) Benzo(b)fluoranthene	15.08	252	931209	29.65	ng	98
88) Benzo(k)fluoranthene	15.08	252	931209	27.55	ng	# 96
89) Benzo(a)pyrene	15.45	252	856382	29.78	ng	# 97
90) Dibenzo(a,h)anthracene	16.96	278	664909	30.32	ng	99
91) Benzo(g,h,i)perylene	17.37	276	583466	27.90	ng	98

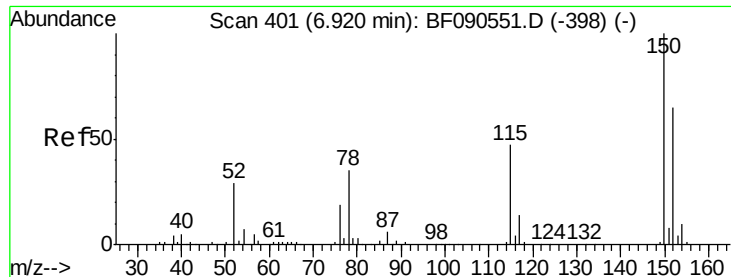
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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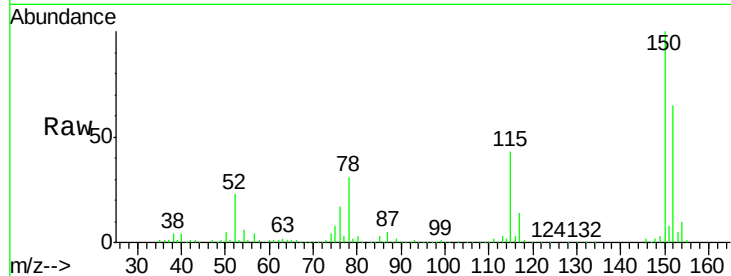


#1

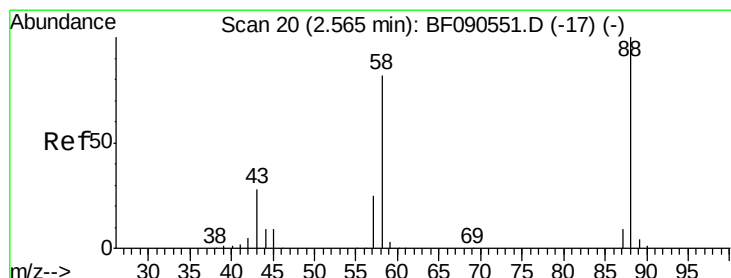
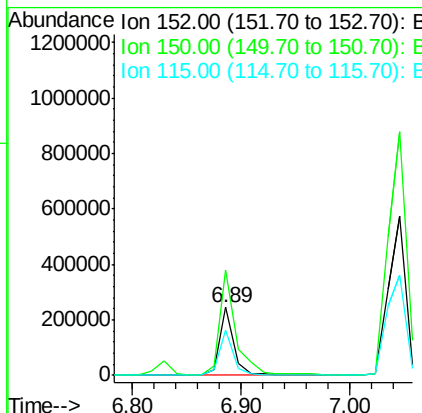
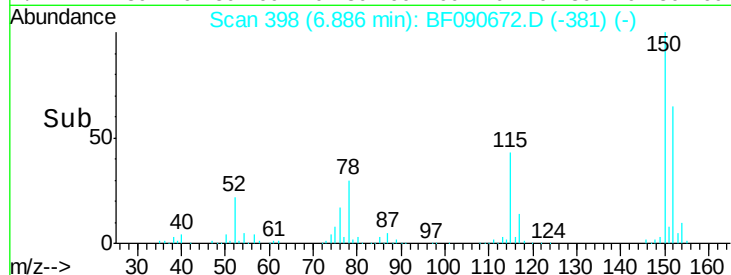
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Instrument :
BNA_F
ClientSampleId :
PB94170BS

Tgt Ion: 152 Resp: 228111
Ion Ratio Lower Upper
152 100
150 154.5 127.2 190.8
115 66.1 58.6 88.0



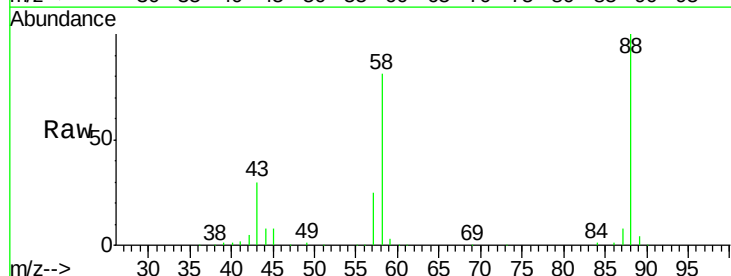
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



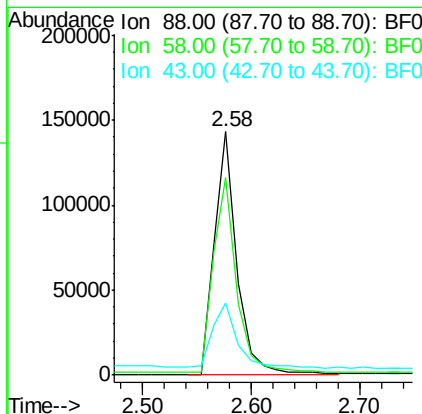
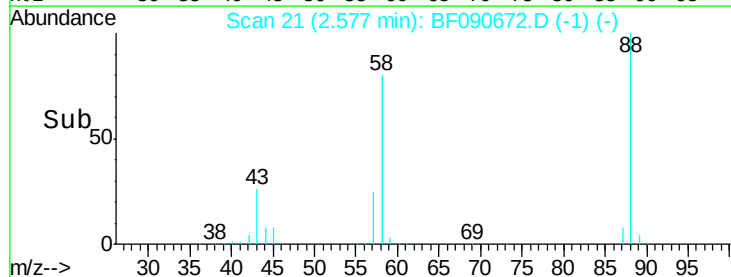
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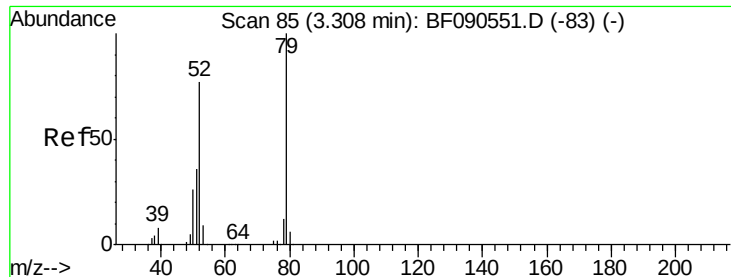
1,4-Dioxane
Concen: 29.40 ng
RT: 2.58 min Scan# 21
Delta R.T. 0.06 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Tgt Ion: 88 Resp: 208466
Ion Ratio Lower Upper
88 100
58 81.4 67.2 100.8
43 28.3 24.1 36.1



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: 31.19 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.06 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

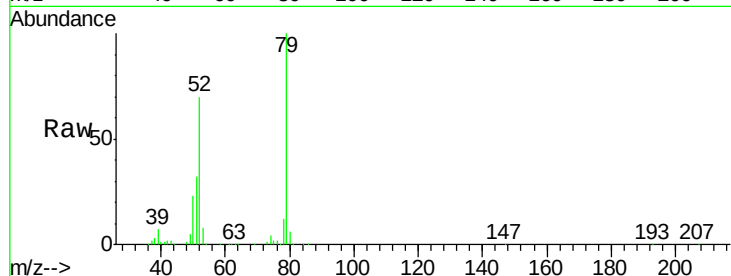
Tgt Ion: 79 Resp: 495836

Ion Ratio Lower Upper

79 100

52 69.9 61.8 92.8

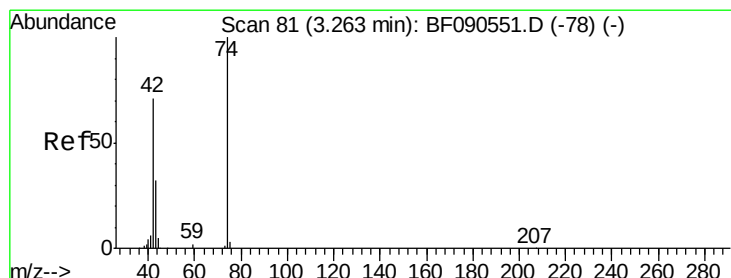
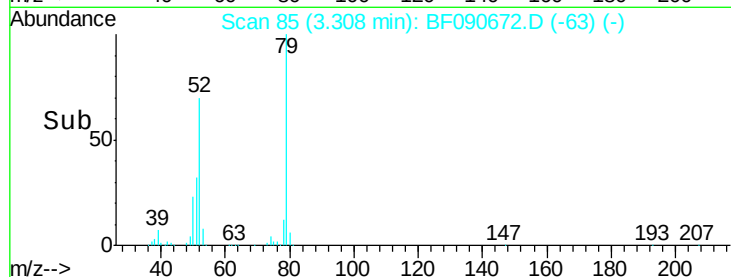
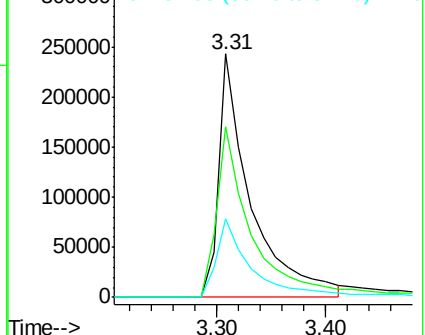
51 32.1 29.2 43.8



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: 35.77 ng

RT: 3.26 min Scan# 81

Delta R.T. 0.05 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

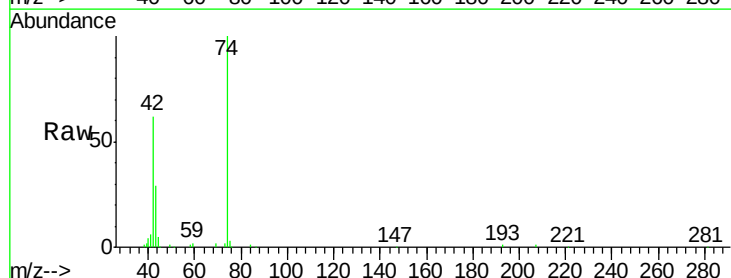
Tgt Ion: 42 Resp: 191289

Ion Ratio Lower Upper

42 100

74 160.8 113.3 169.9

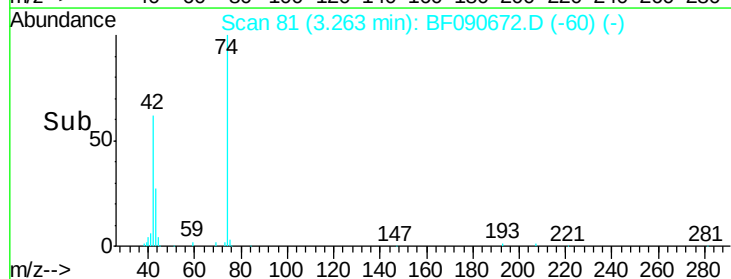
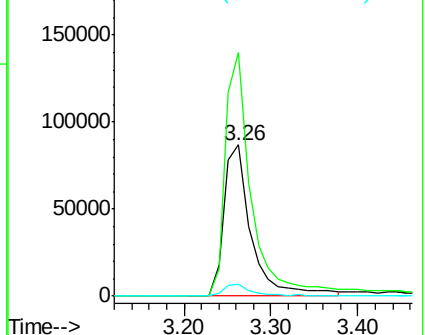
44 7.6 6.0 9.0

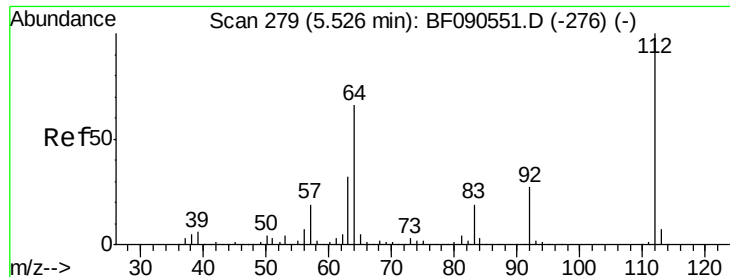


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 70.22 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

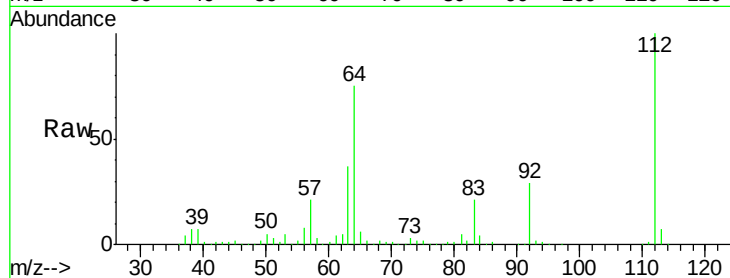
Tgt Ion: 112 Resp: 873695

Ion Ratio Lower Upper

112 100

64 74.7 52.6 78.8

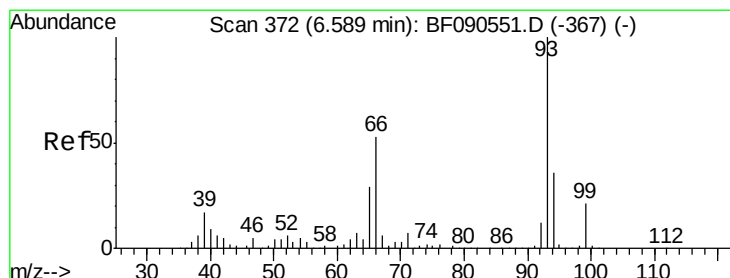
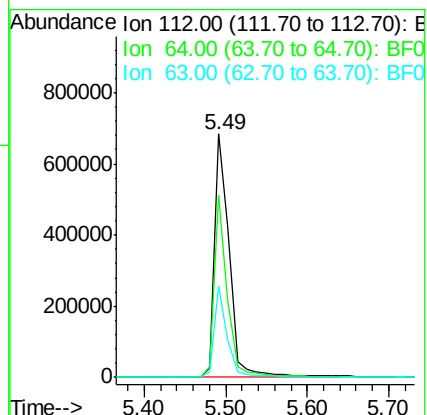
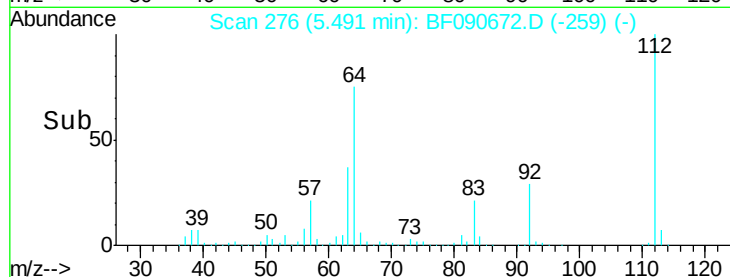
63 37.2 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.10 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

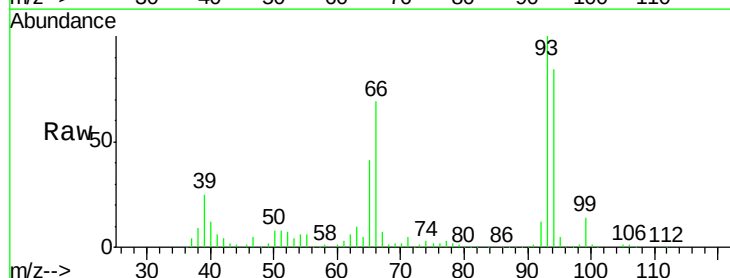
Tgt Ion: 93 Resp: 493760

Ion Ratio Lower Upper

93 100

66 68.8 42.2 63.2#

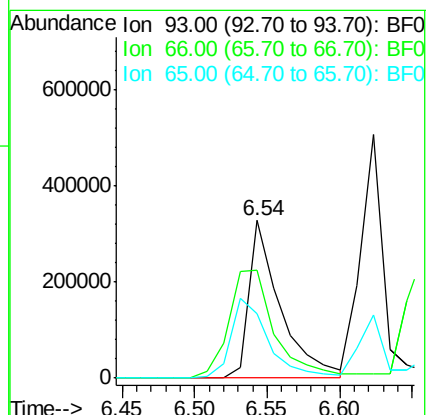
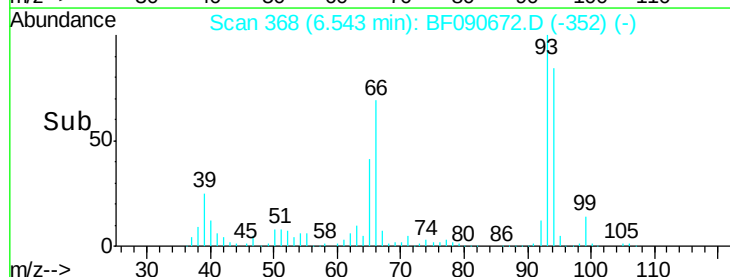
65 41.3 22.9 34.3#

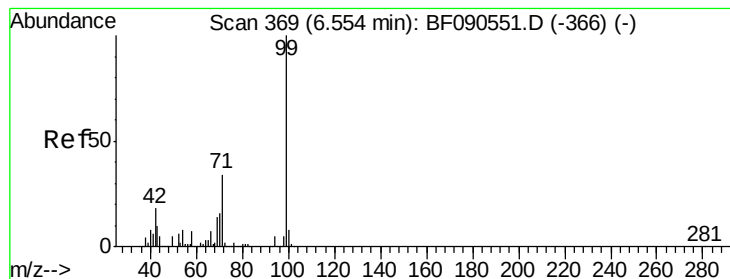


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 63.81 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090672.D

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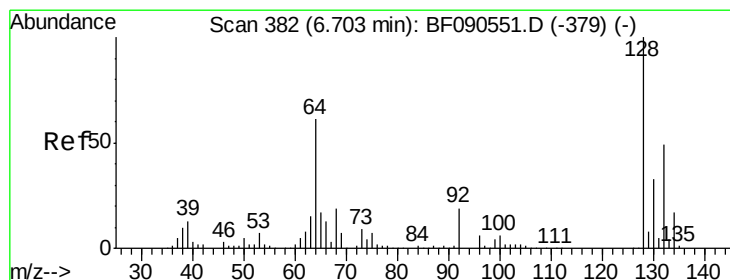
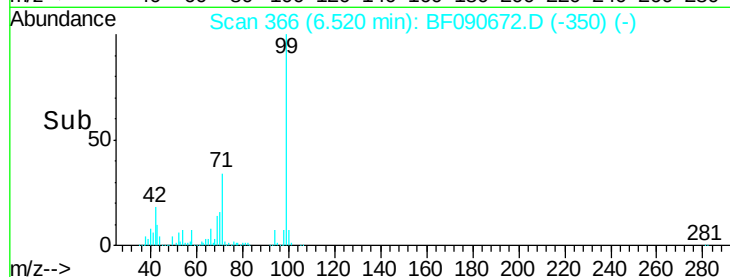
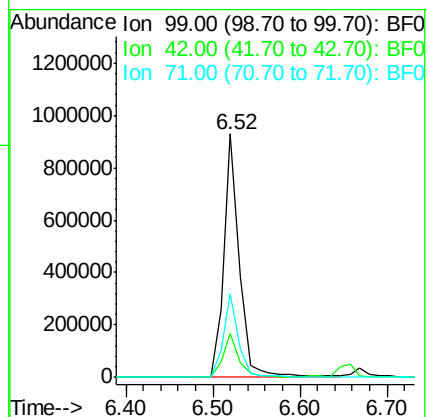
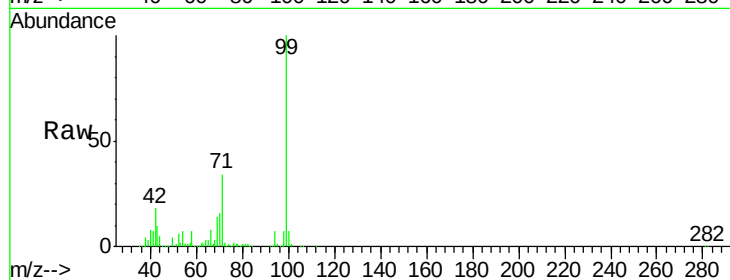
Tgt Ion: 99 Resp: 1179879

Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 34.2 27.6 41.4



#8

2-Chlorophenol

Concen: 34.01 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

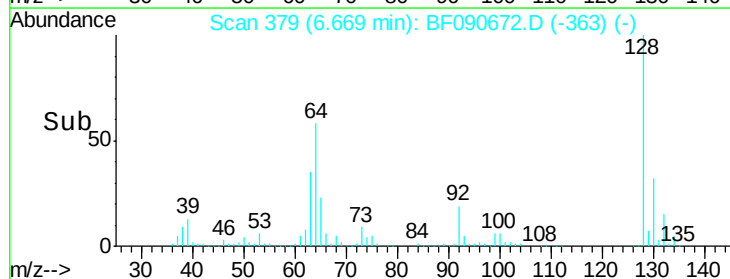
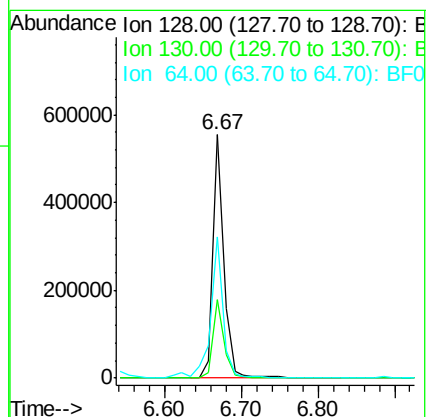
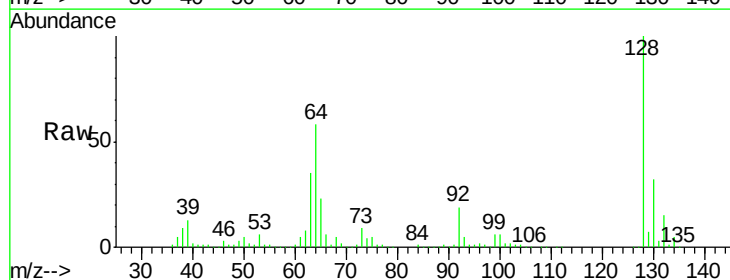
Tgt Ion: 128 Resp: 548706

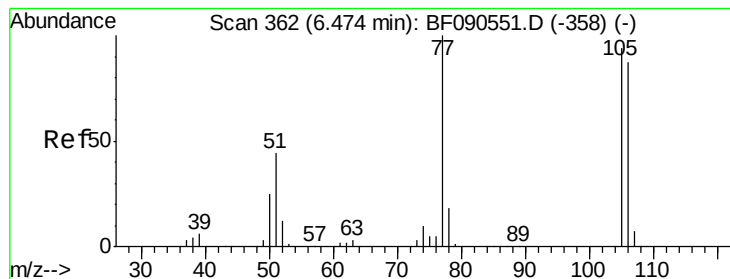
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 58.2 42.6 82.6





#9

Benzaldehyde

Concen: 10.53 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF090672.D

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BNA_F

ClientSampleId :

PB94170BS

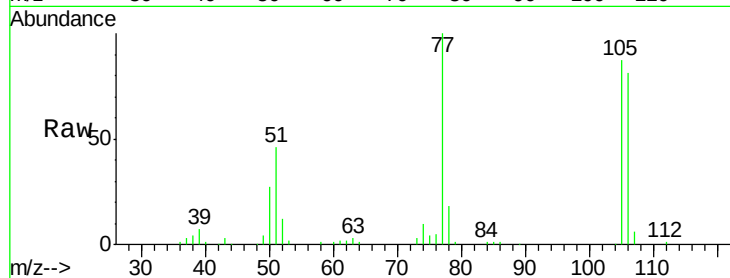
Tgt Ion: 77 Resp: 123803

Ion Ratio Lower Upper

77 100

105 86.7 74.3 114.3

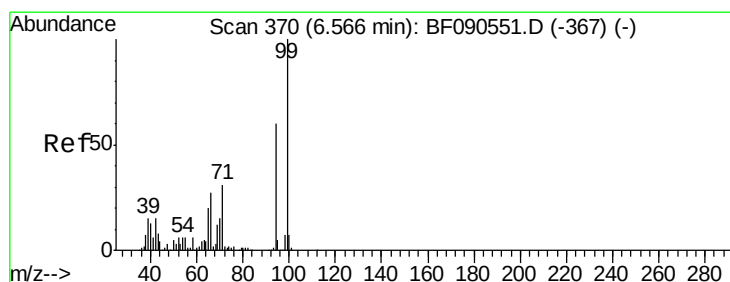
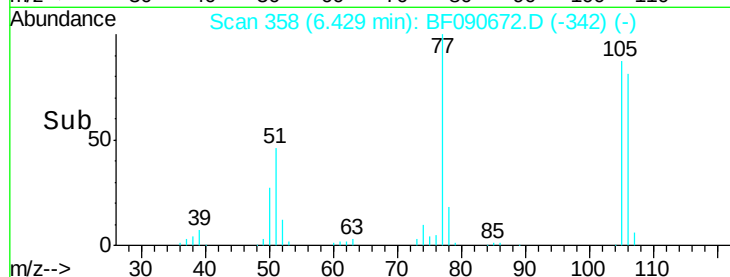
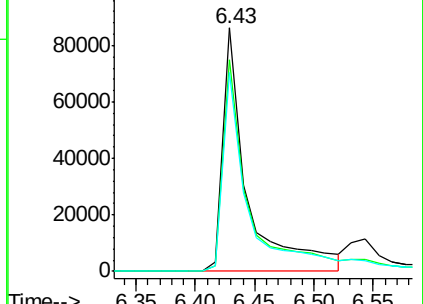
106 81.5 67.2 107.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.04 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

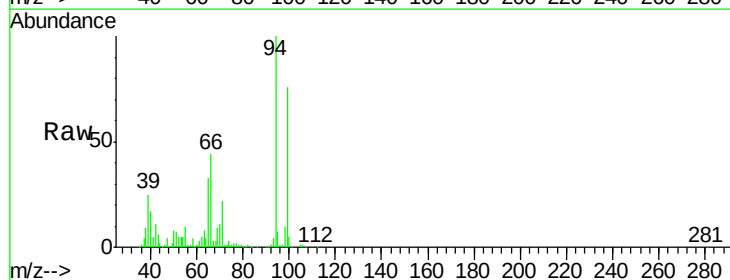
Tgt Ion: 94 Resp: 656440

Ion Ratio Lower Upper

94 100

65 32.9 12.5 52.5

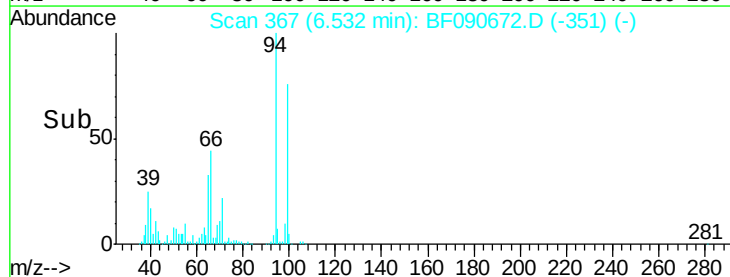
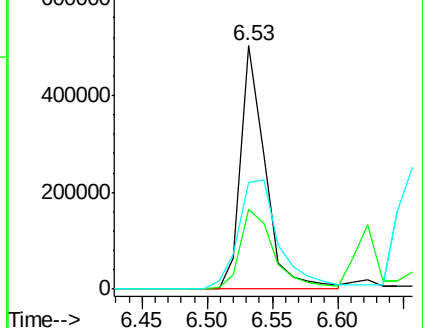
66 44.0 25.5 65.5

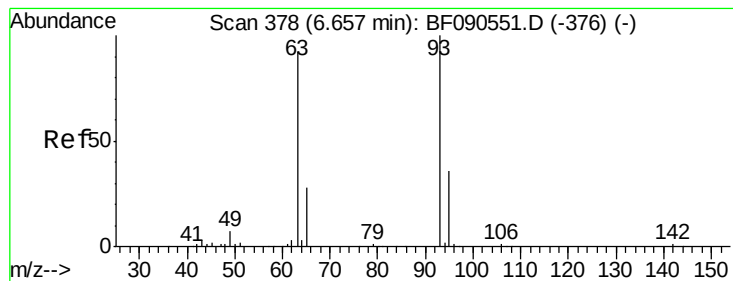


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.51 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

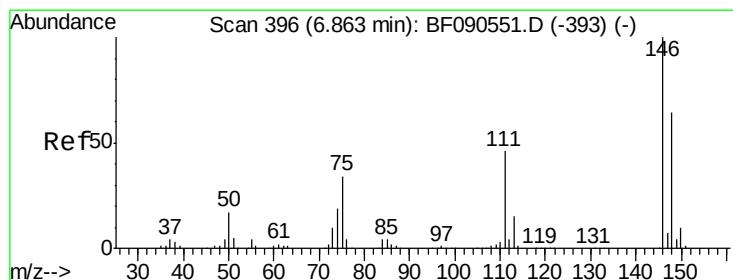
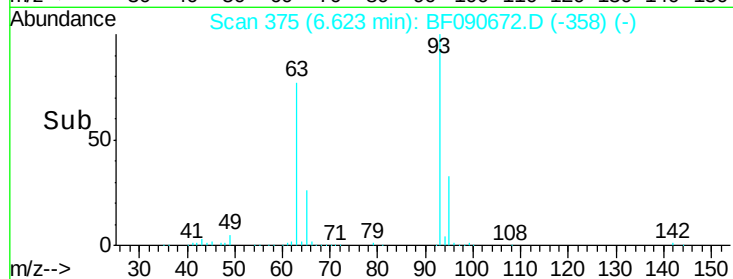
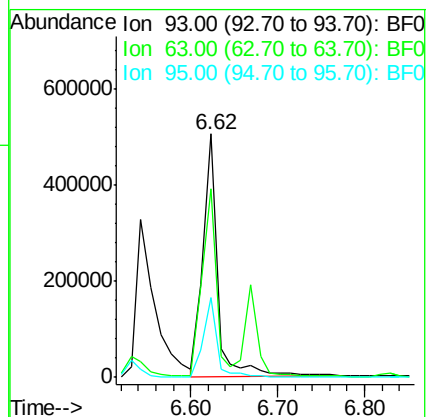
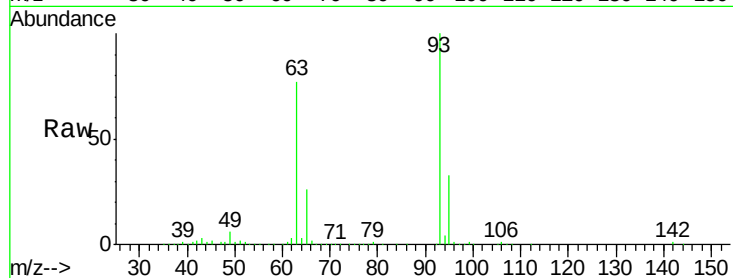
Tgt Ion: 93 Resp: 584577

Ion Ratio Lower Upper

93 100

63 77.4 61.6 101.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 32.57 ng

RT: 6.83 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

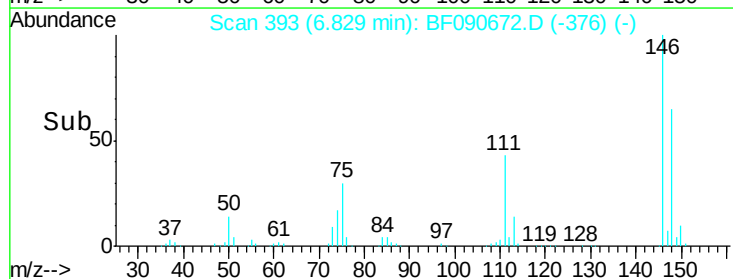
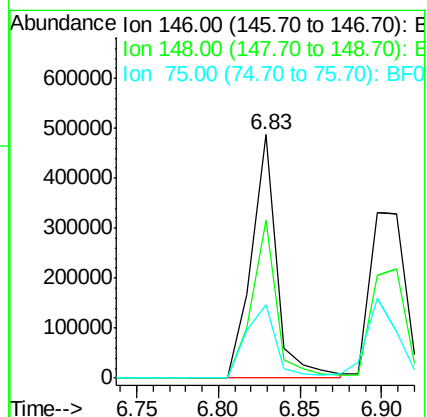
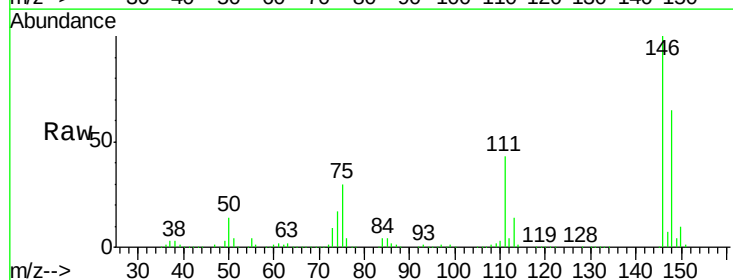
Tgt Ion: 146 Resp: 524048

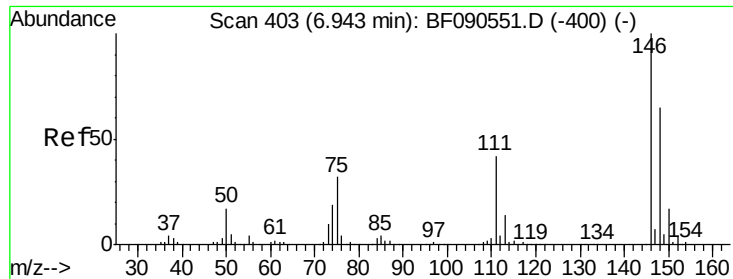
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

75 30.0 27.0 40.6

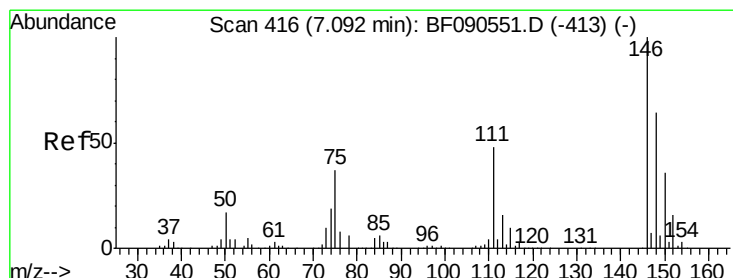
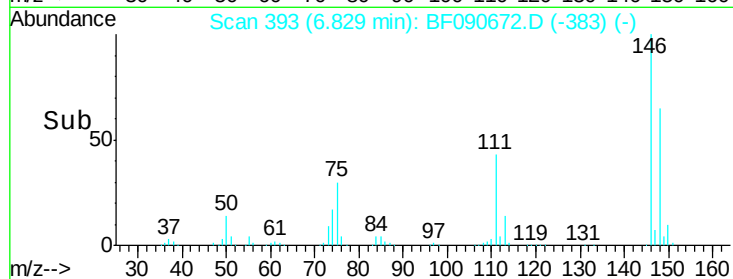
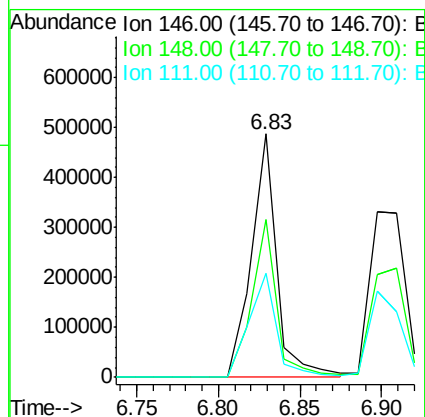
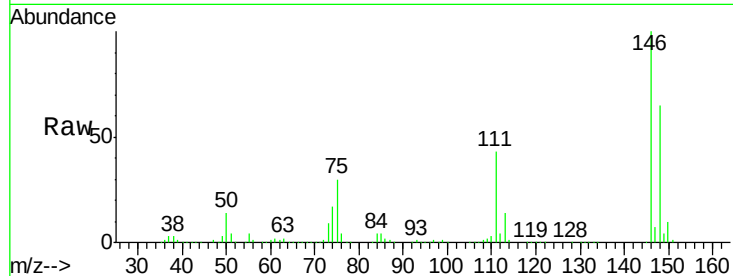




#13
 1,4-Dichlorobenzene
 Concen: 29.95 ng
 RT: 6.83 min Scan# 393
 Delta R.T. -0.08 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

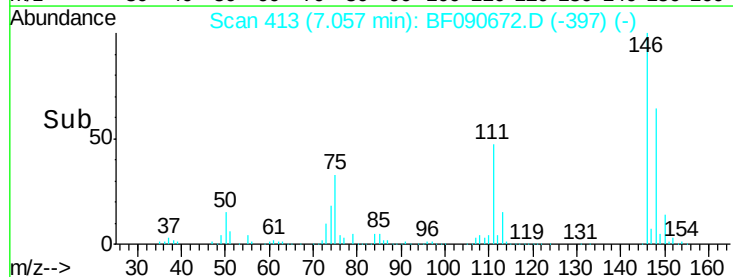
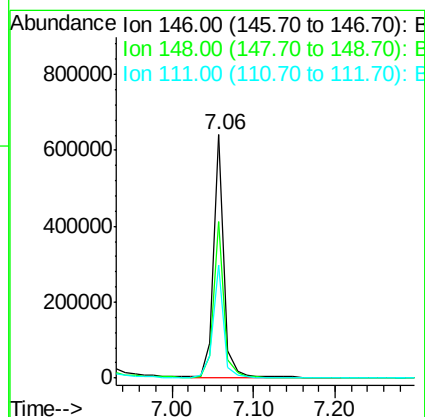
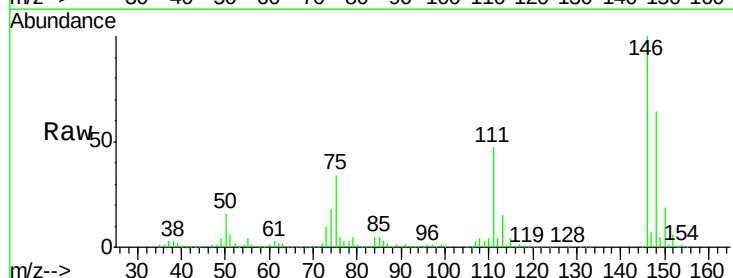
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

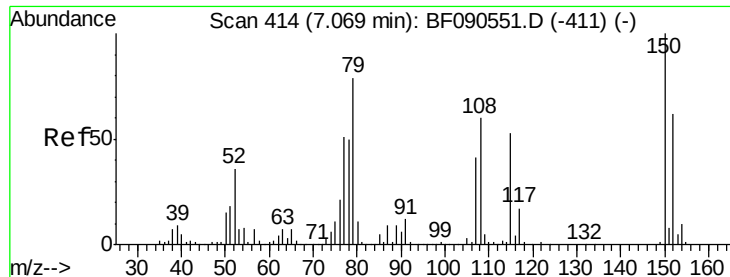
Tgt Ion:146 Resp: 524048
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 42.7 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 34.99 ng
 RT: 7.06 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion:146 Resp: 572481
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 46.7 38.2 57.2





#15

Benzyl Alcohol

Concen: 37.40 ng

RT: 7.03 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

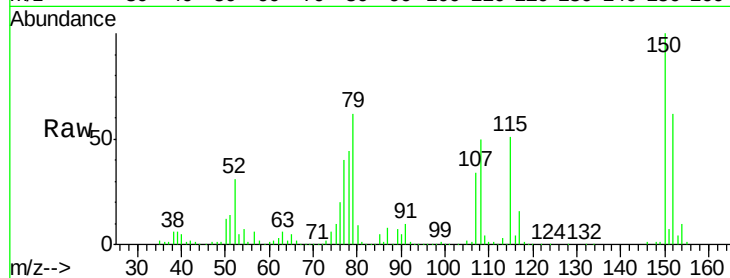
Tgt Ion: 79 Resp: 470973

Ion Ratio Lower Upper

79 100

108 79.6 60.2 90.4

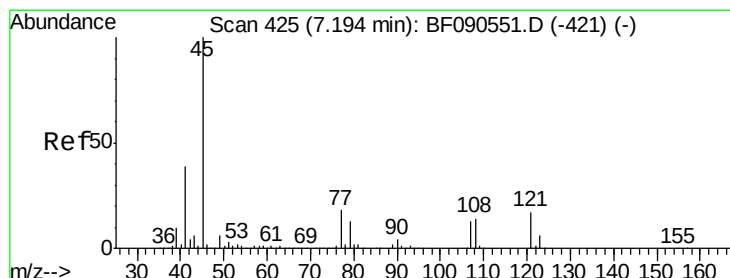
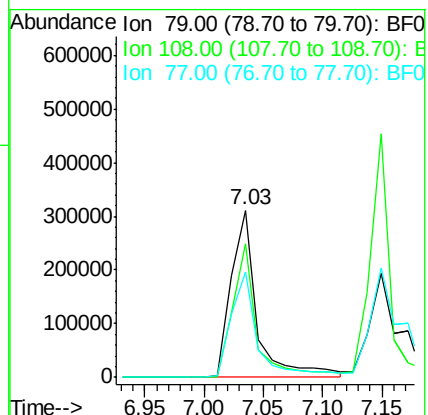
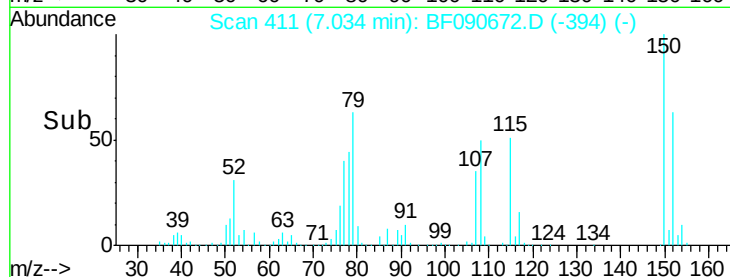
77 63.3 52.0 78.0



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: 35.80 ng

RT: 7.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

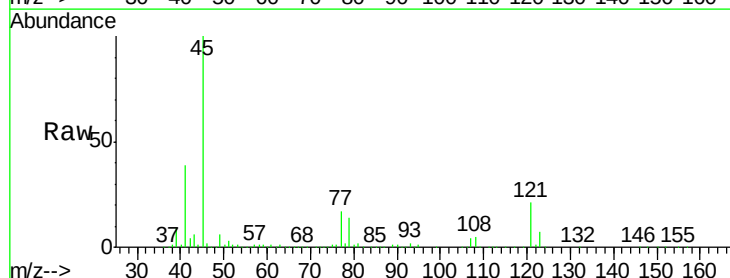
Tgt Ion: 45 Resp: 879042

Ion Ratio Lower Upper

45 100

77 17.0 0.9 40.9

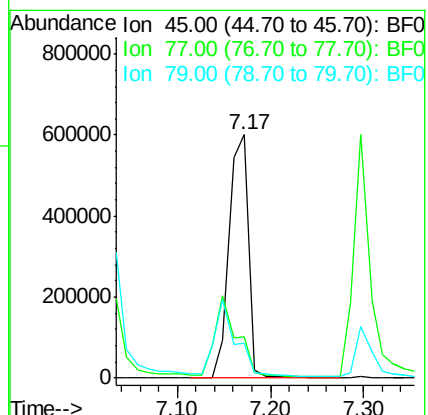
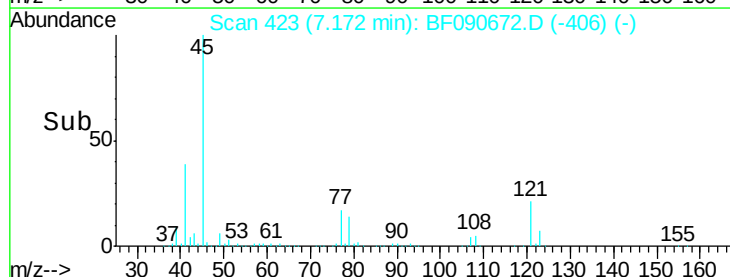
79 14.4 0.0 37.3

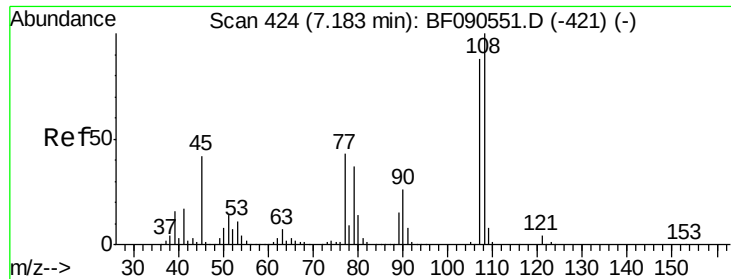


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

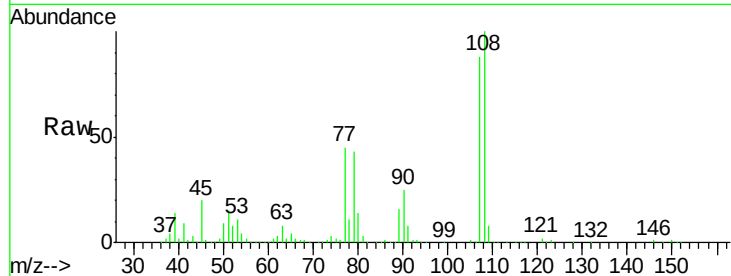




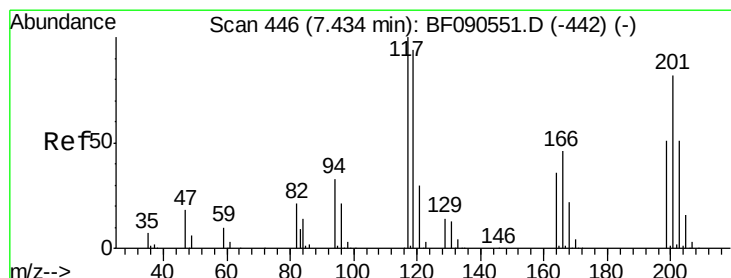
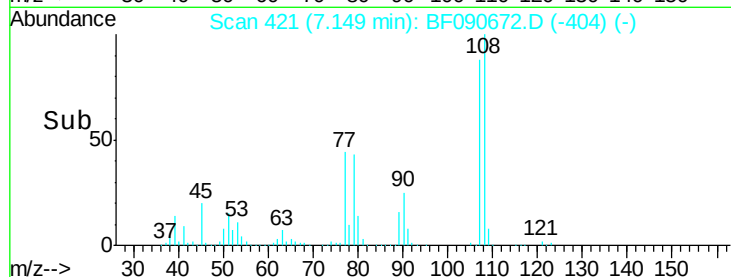
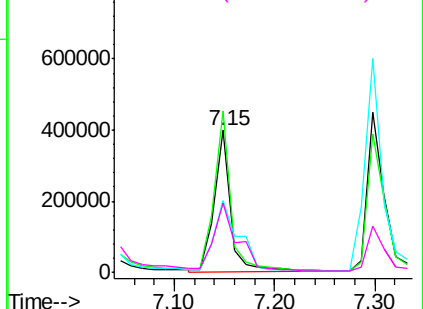
#17
2-Methylphenol
Concen: 36.00 ng
RT: 7.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Instrument :
BNA_F
ClientSampleId :
PB94170BS

Tgt Ion:107 Resp: 452682
Ion Ratio Lower Upper
107 100
108 113.5 92.6 138.8
77 50.7 42.2 63.2
79 48.4 40.7 61.1

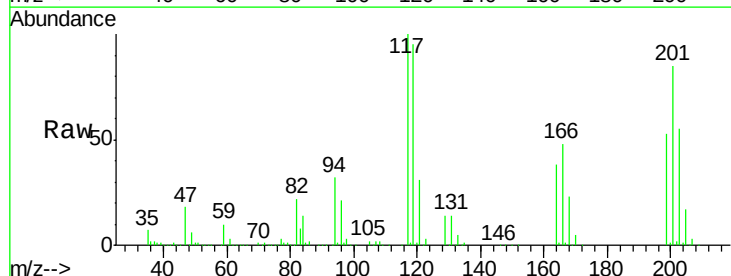


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

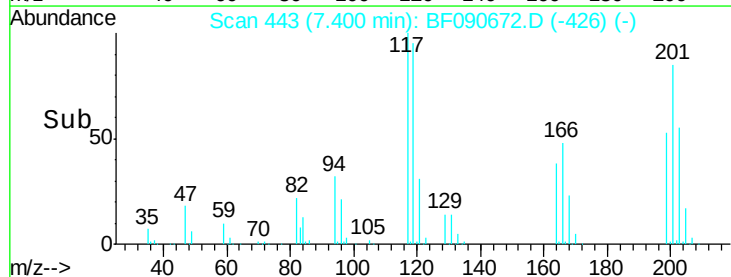
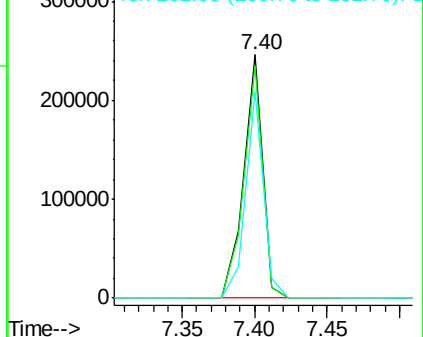


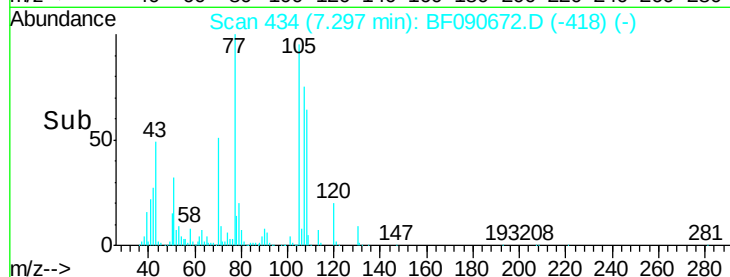
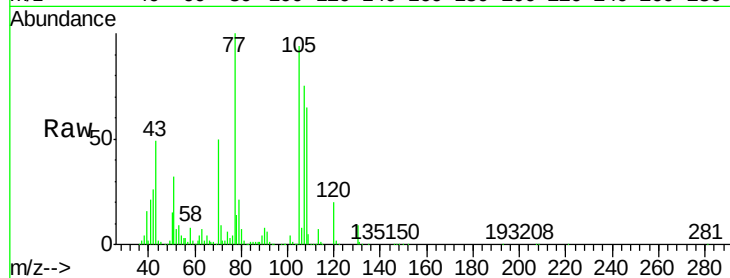
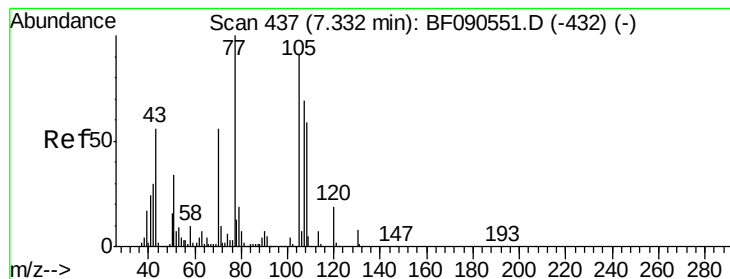
#18
Hexachloroethane
Concen: 32.34 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Tgt Ion:117 Resp: 223653
Ion Ratio Lower Upper
117 100
119 95.4 75.6 113.4
201 84.9 65.4 98.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 34.98 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

Tgt Ion: 70 Resp: 443488

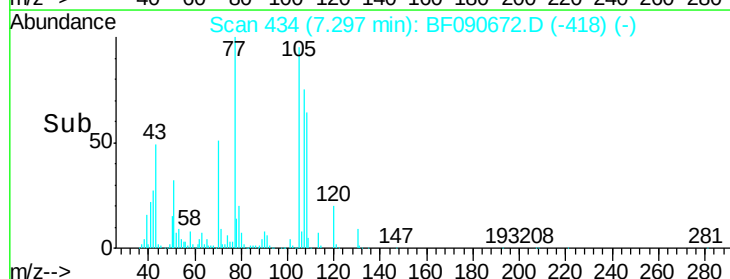
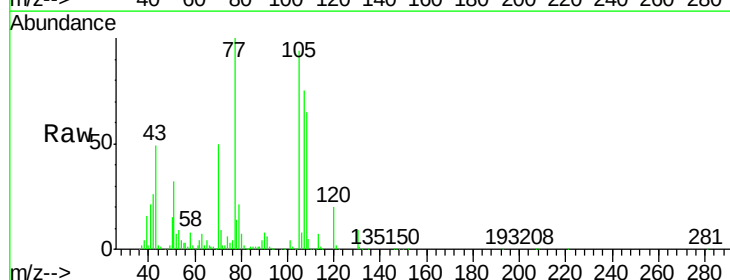
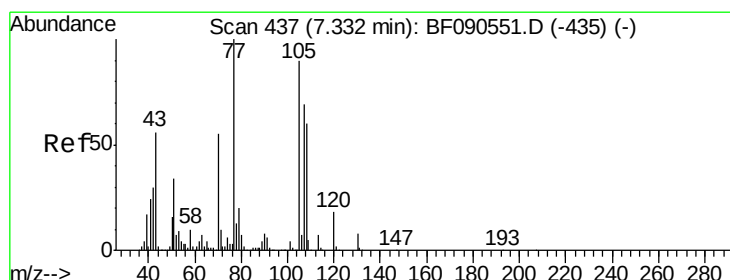
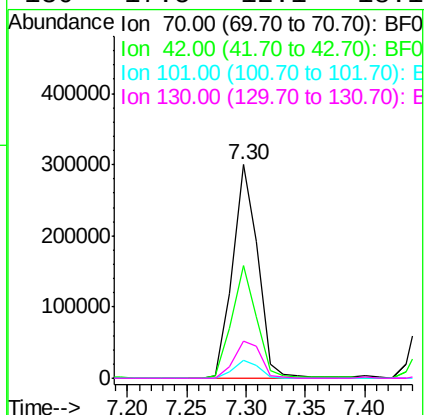
Ion Ratio Lower Upper

70 100

42 53.0 43.4 65.0

101 8.3 6.4 9.6

130 17.5 12.1 18.1



#20

3+4-Methylphenols

Concen: 35.16 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Tgt Ion: 107 Resp: 535929

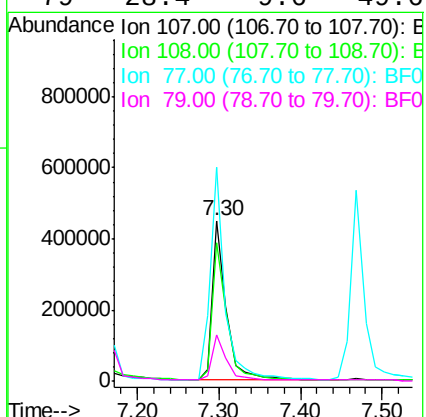
Ion Ratio Lower Upper

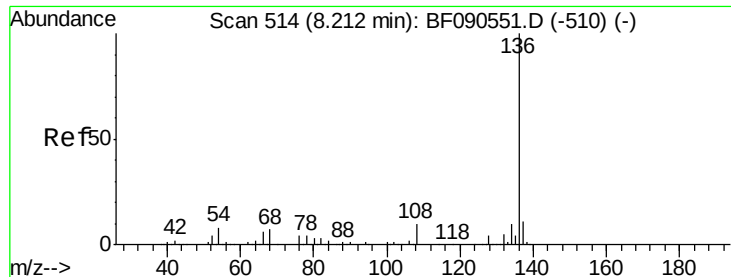
107 100

108 86.4 67.7 107.7

77 133.0 123.1 163.1

79 28.4 9.6 49.6

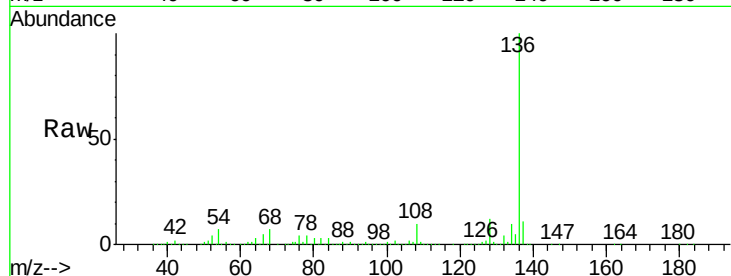




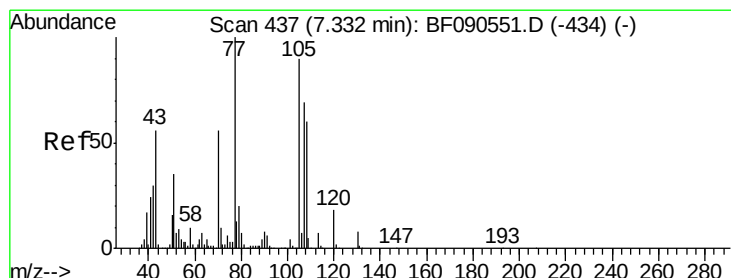
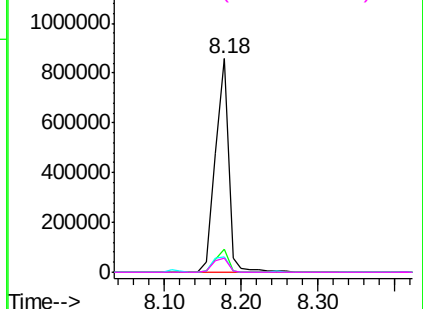
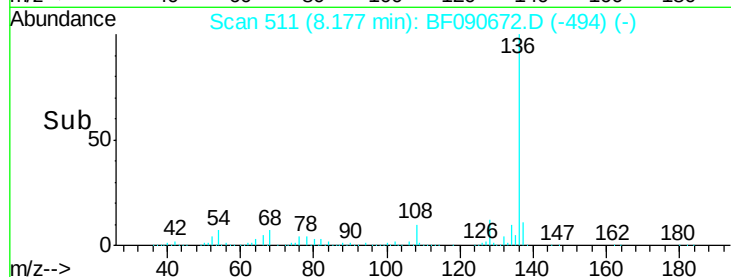
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Instrument :
BNA_F
ClientSampleId :
PB94170BS

Tgt Ion:136 Resp: 1023822
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 6.8 10.2
68 6.6 6.0 9.0

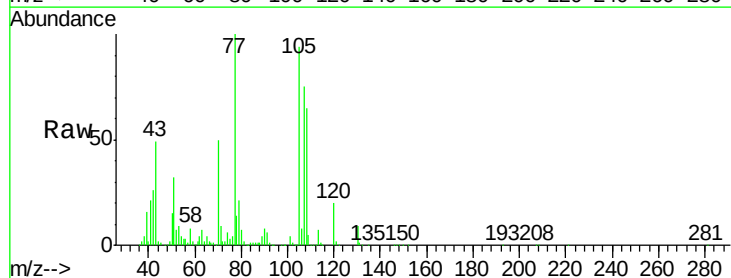


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

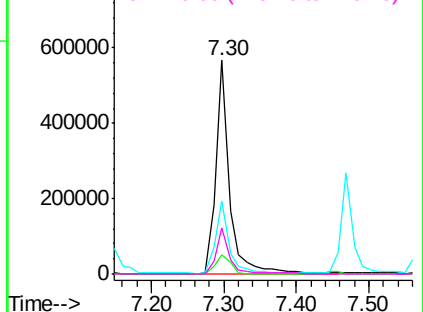
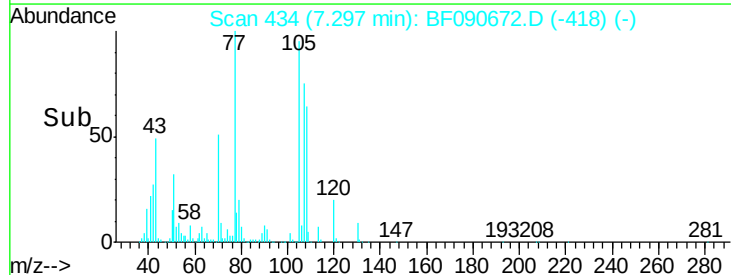


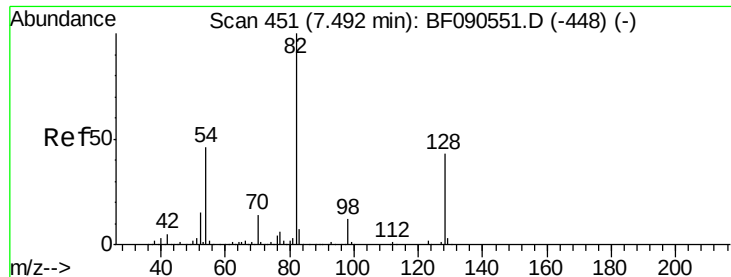
#22
Acetophenone
Concen: 32.80 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Tgt Ion:105 Resp: 741846
Ion Ratio Lower Upper
105 100
71 9.0 8.5 12.7
51 34.1 31.0 46.4
120 21.3 16.2 24.4



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

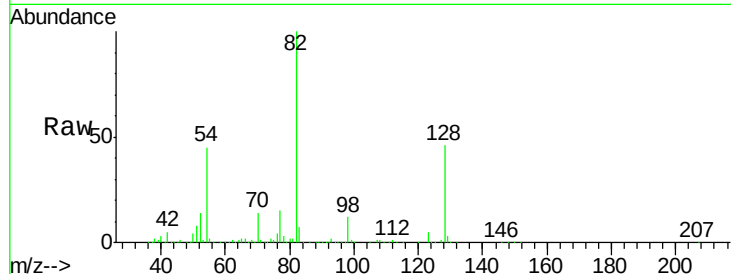




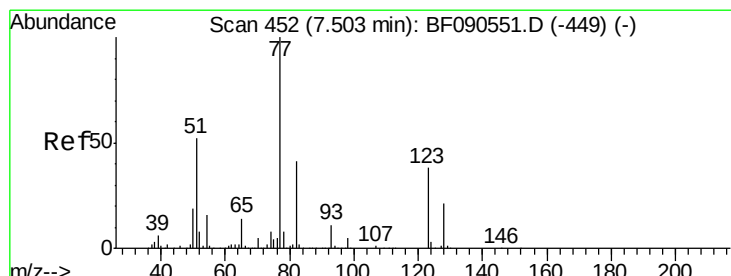
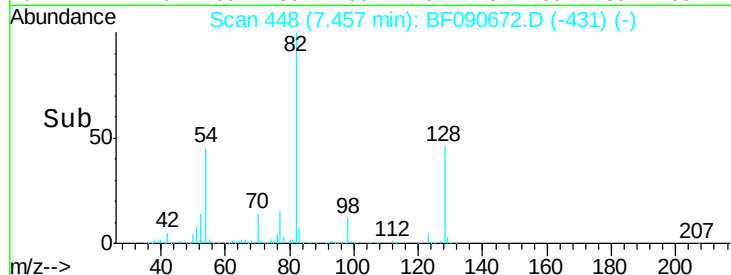
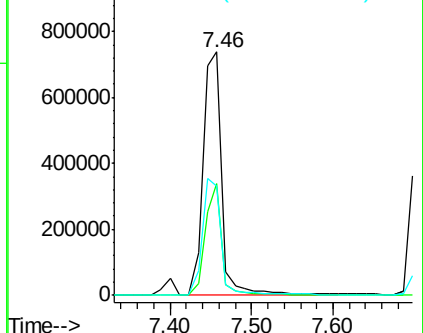
#23
Nitrobenzene-d5
Concen: 64.98 ng
RT: 7.46 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Instrument :
BNA_F
ClientSampleId :
PB94170BS

Tgt Ion: 82 Resp: 1197671
Ion Ratio Lower Upper
82 100
128 46.1 34.3 51.5
54 44.9 37.0 55.6

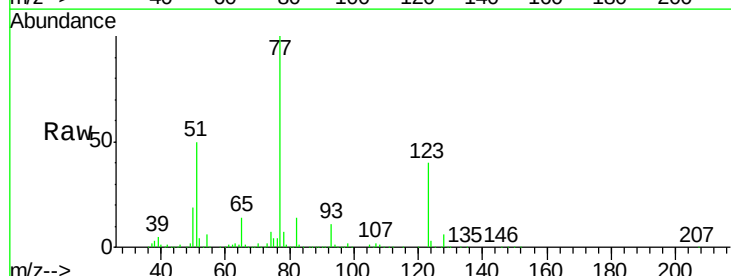


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

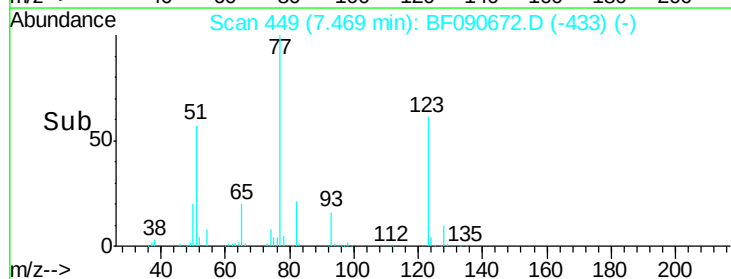
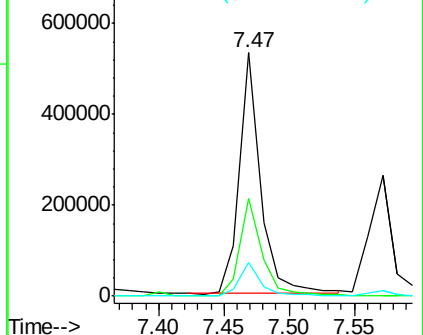


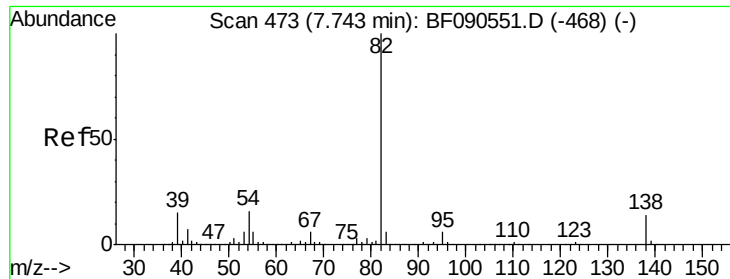
#24
Nitrobenzene
Concen: 31.75 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Tgt Ion: 77 Resp: 600593
Ion Ratio Lower Upper
77 100
123 39.9 29.8 44.6
65 14.0 10.9 16.3



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





#25

Isophorone

Concen: 33.96 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampled :

PB94170BS

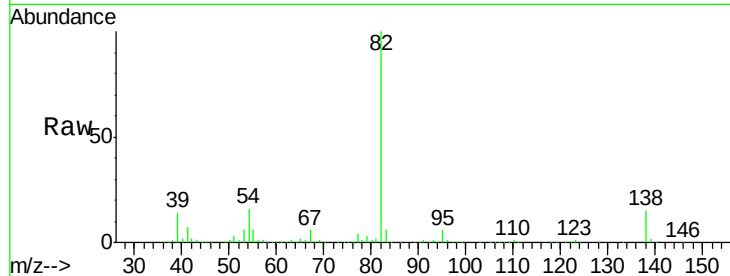
Tgt Ion: 82 Resp: 1139166

Ion Ratio Lower Upper

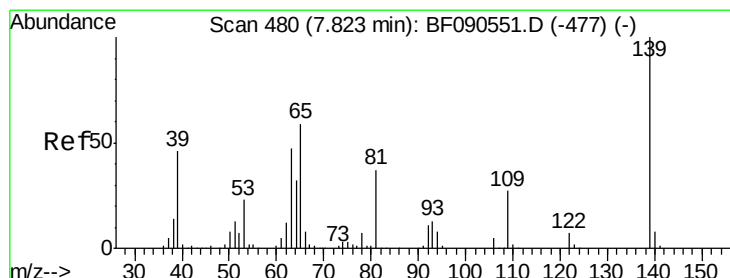
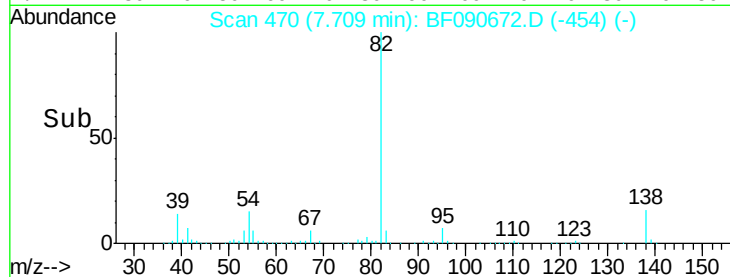
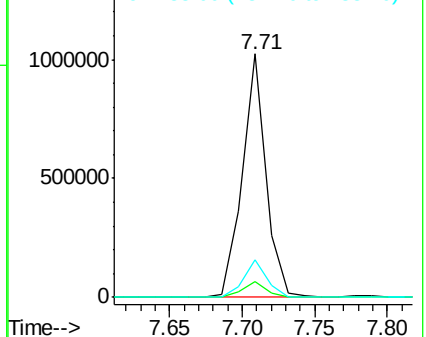
82 100

95 6.5 5.0 7.6

138 15.4 11.5 17.3



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: 29.41 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

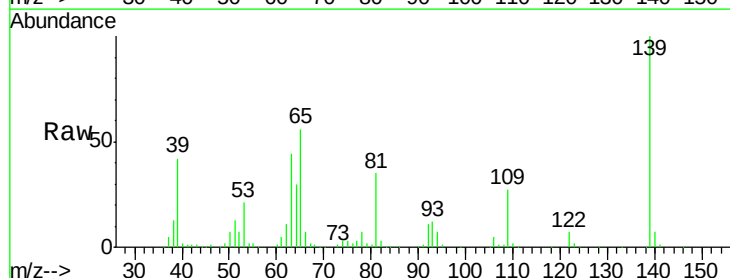
Tgt Ion: 139 Resp: 252379

Ion Ratio Lower Upper

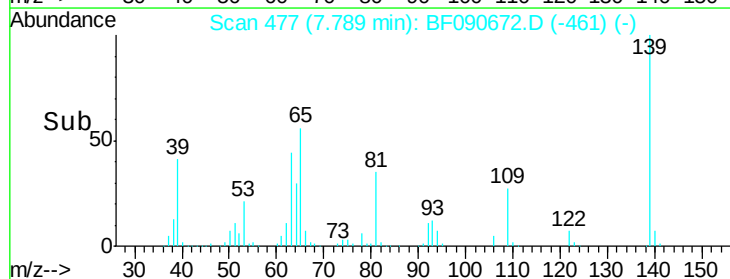
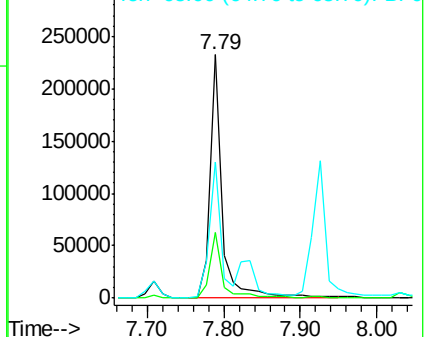
139 100

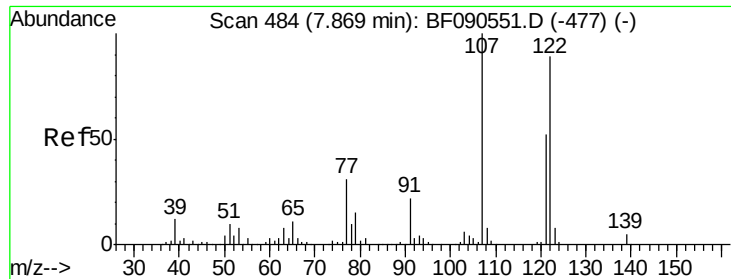
109 27.2 21.8 32.6

65 56.1 47.7 71.5



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

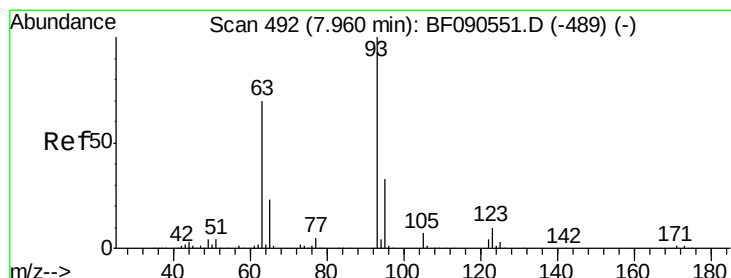
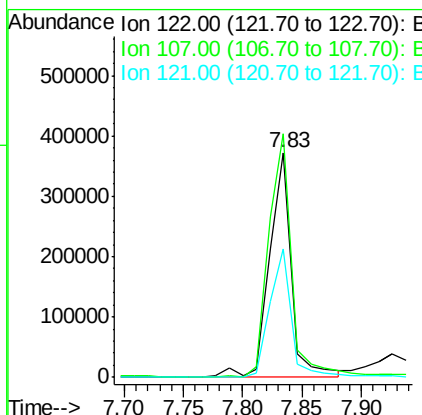
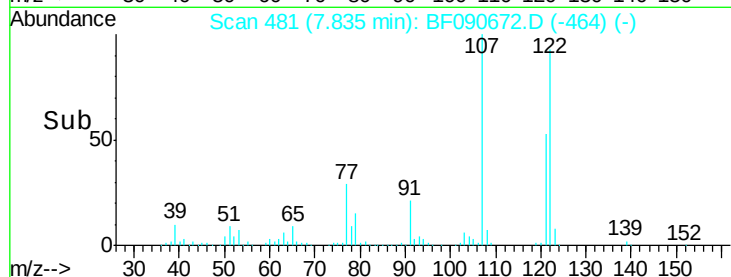
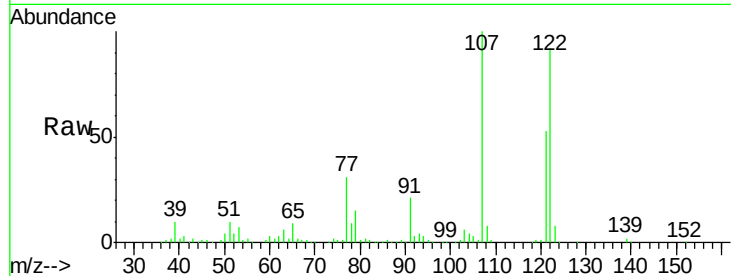




#27
 2,4-Dimethylphenol
 Concen: 33.76 ng
 RT: 7.83 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

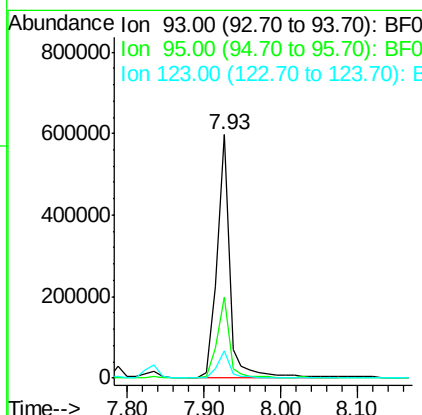
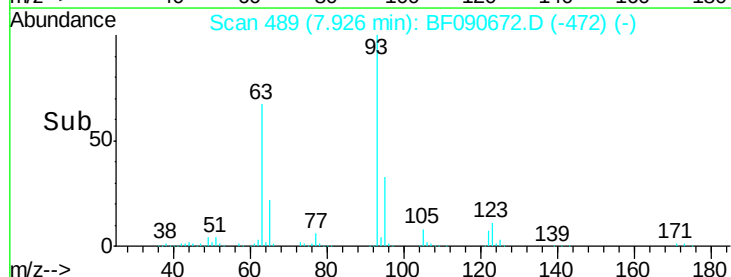
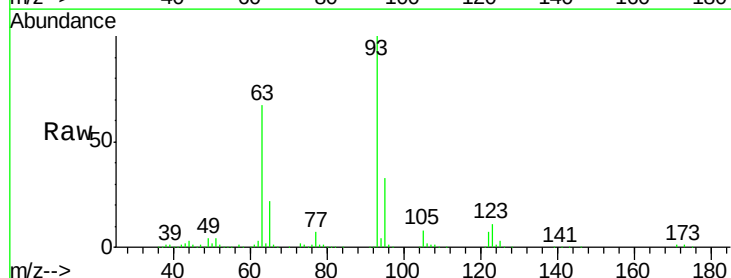
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

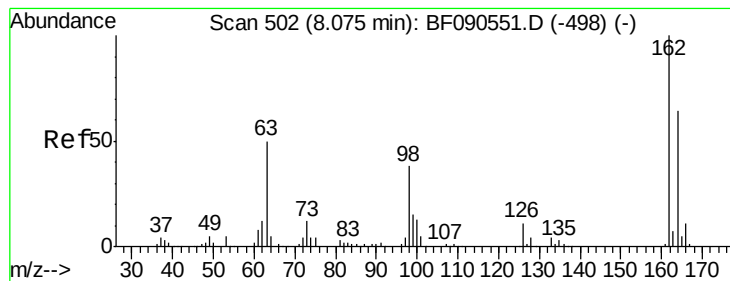
Tgt Ion: 122 Resp: 480741
 Ion Ratio Lower Upper
 122 100
 107 108.5 89.8 134.6
 121 57.2 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.62 ng
 RT: 7.93 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion: 93 Resp: 685804
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.2
 123 11.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 30.51 ng

RT: 8.03 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

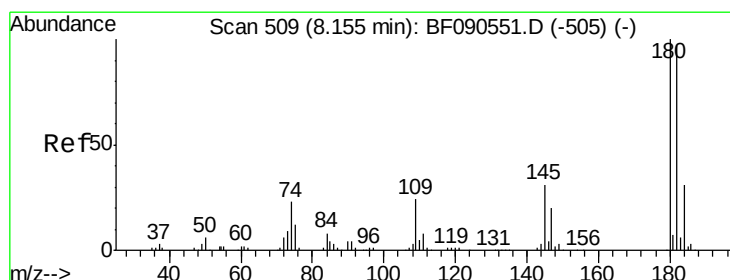
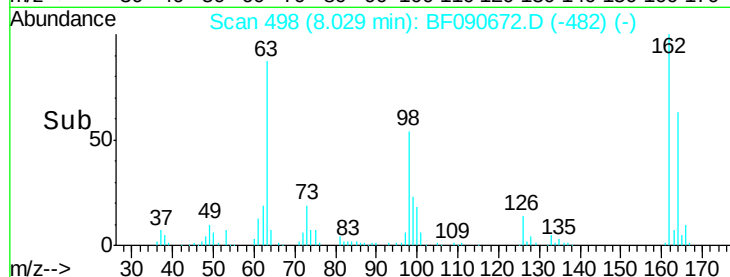
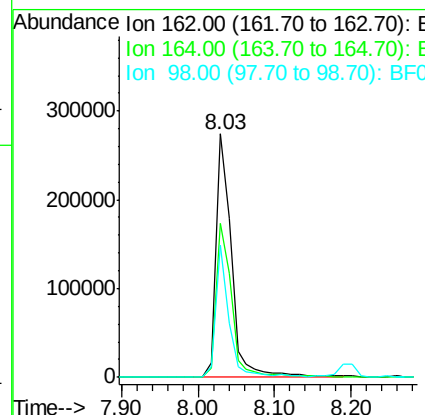
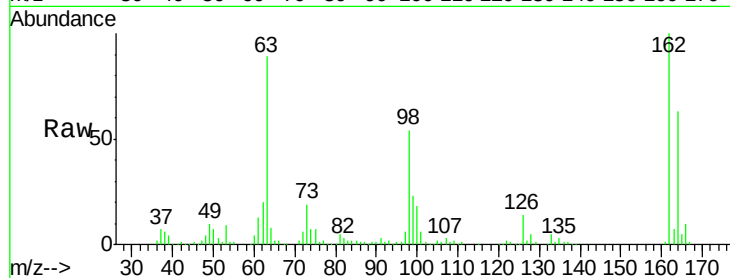
Instrument :

BNA_F

ClientSampleId :

PB94170BS

Tgt Ion:	162	Resp:	380537
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.0	84.0
98	54.1	18.0	58.0



#30

1,2,4-Trichlorobenzene

Concen: 29.75 ng

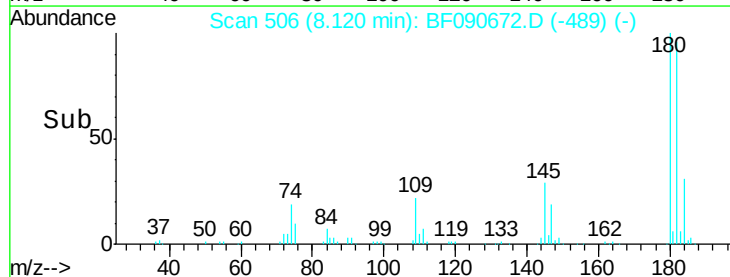
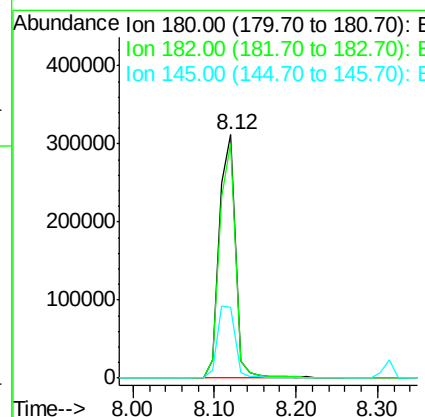
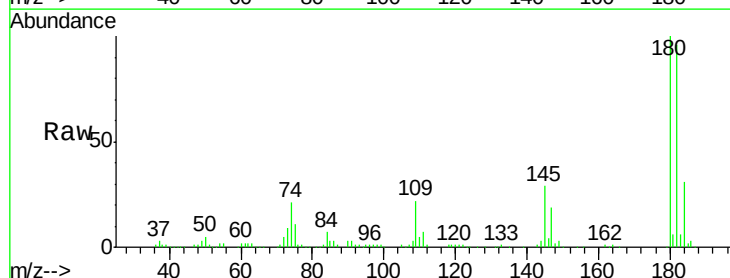
RT: 8.12 min Scan# 506

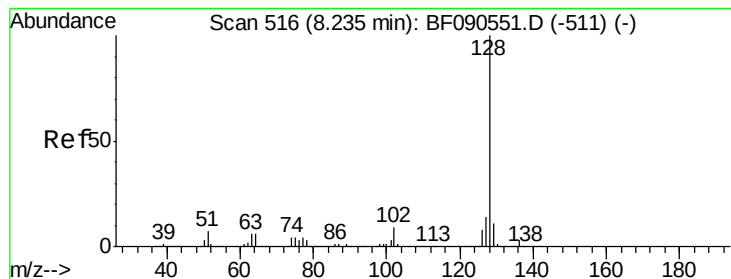
Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Tgt Ion:	180	Resp:	434566
Ion Ratio	Lower	Upper	
180	100		
182	96.1	77.2	115.8
145	29.3	24.4	36.6





#31

Naphthalene

Concen: 29.91 ng

RT: 8.20 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

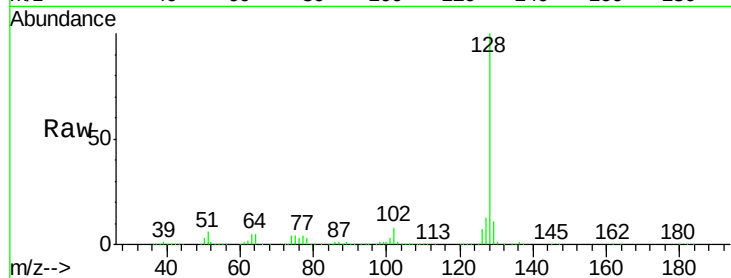
Tgt Ion:128 Resp: 1559935

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

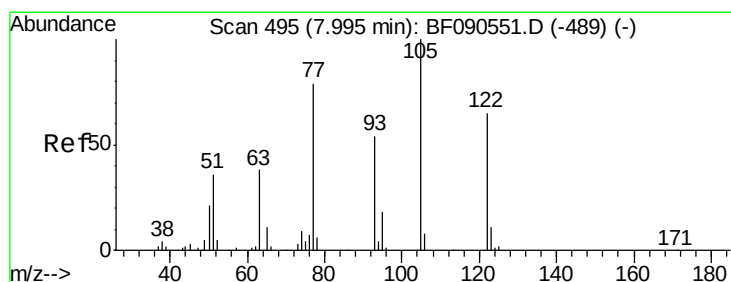
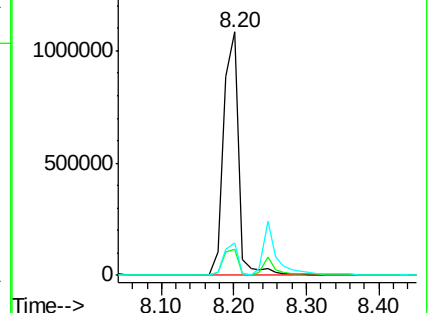
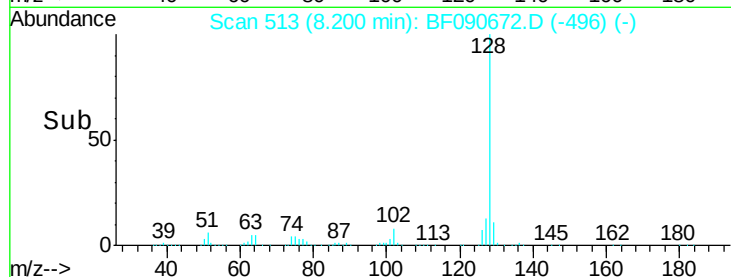
127 13.4 10.8 16.2



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: 13.93 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

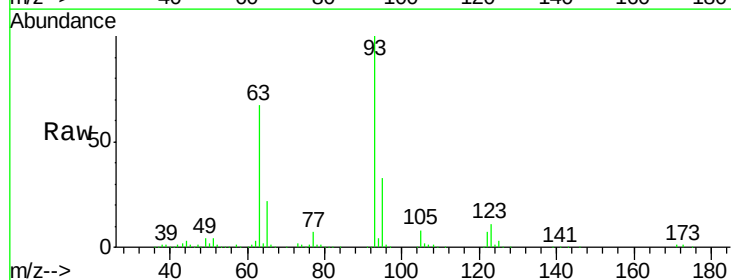
Tgt Ion:122 Resp: 121792

Ion Ratio Lower Upper

122 100

105 119.3 101.1 141.1

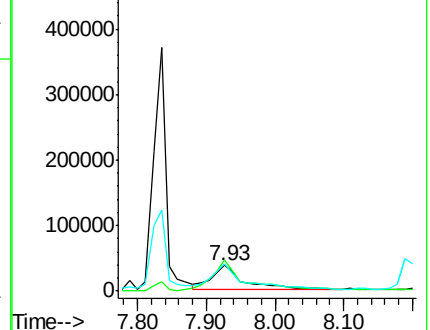
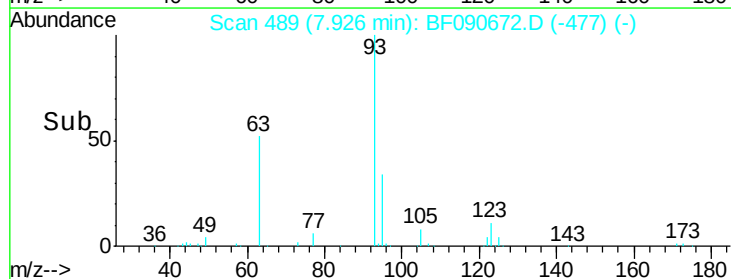
77 106.9 84.7 124.7

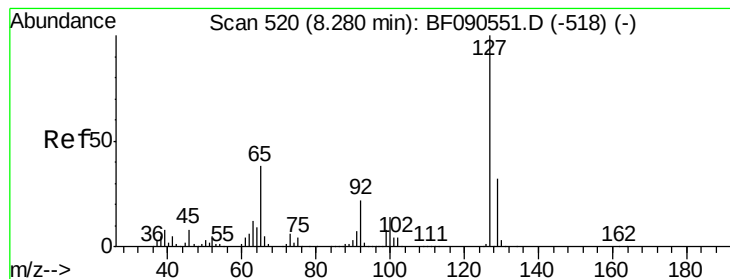


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.07 ng

RT: 8.25 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

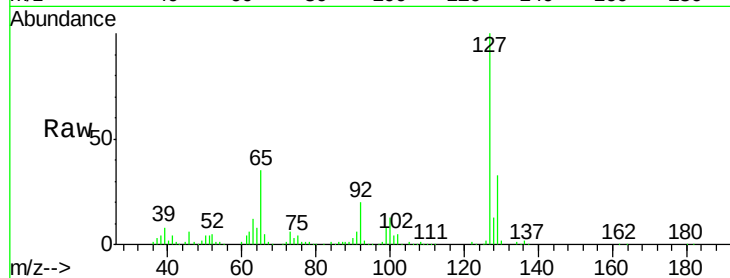
Instrument :

BNA_F

ClientSampleId :

PB94170BS

Tgt Ion:	127	Resp:	320417
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	34.9	30.1	45.1
92	20.1	17.2	25.8

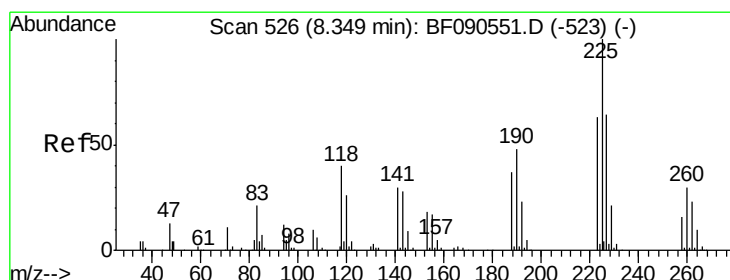
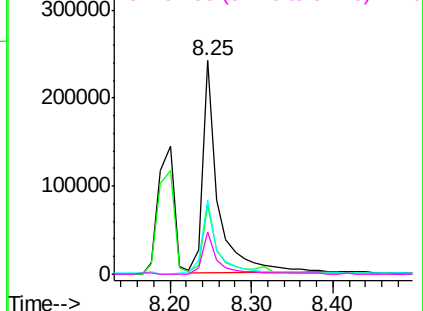
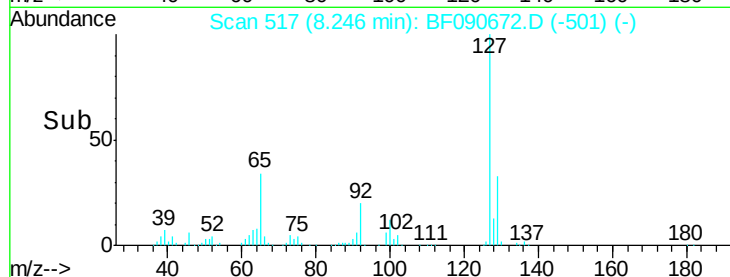


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 29.59 ng

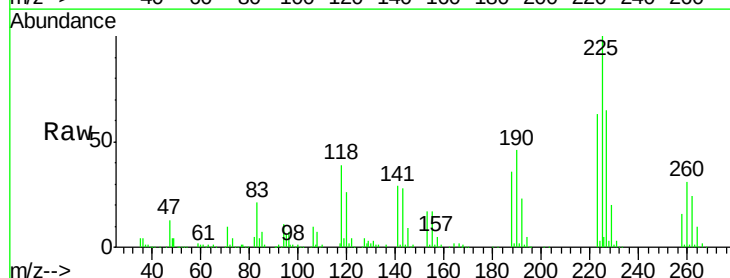
RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

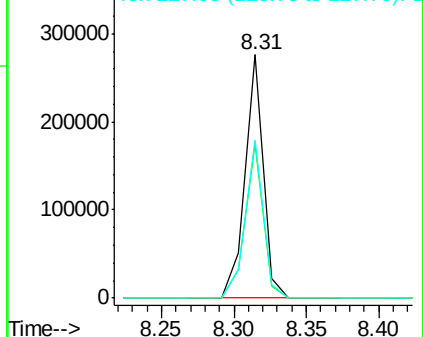
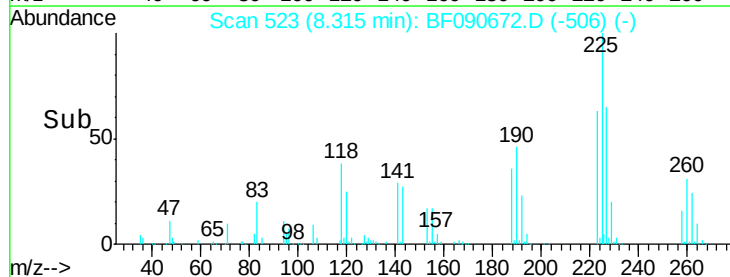
Tgt Ion:	225	Resp:	241538
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.7	51.4	77.2

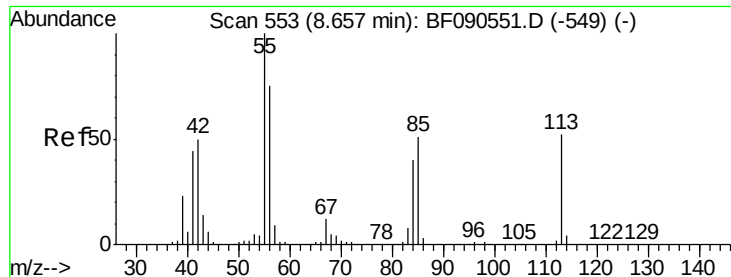


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

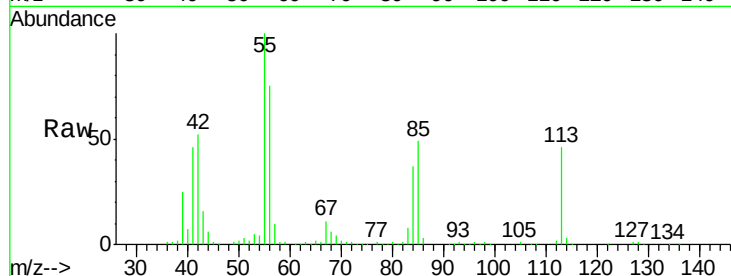




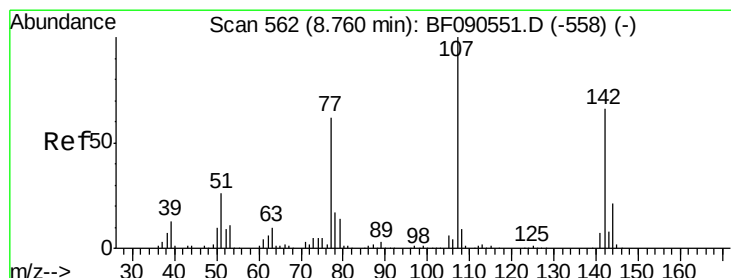
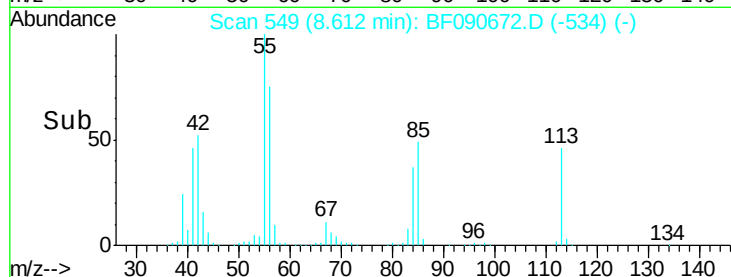
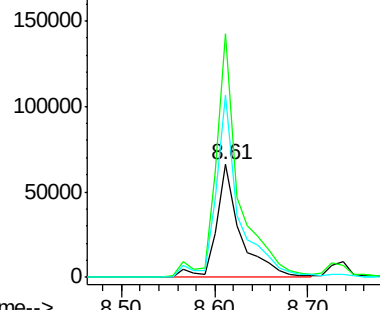
#35
 Caprolactam
 Concen: 34.24 ng
 RT: 8.61 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

Tgt Ion:113 Resp: 119174
 Ion Ratio Lower Upper
 113 100
 55 215.8 170.8 210.8#
 56 161.3 122.4 162.4

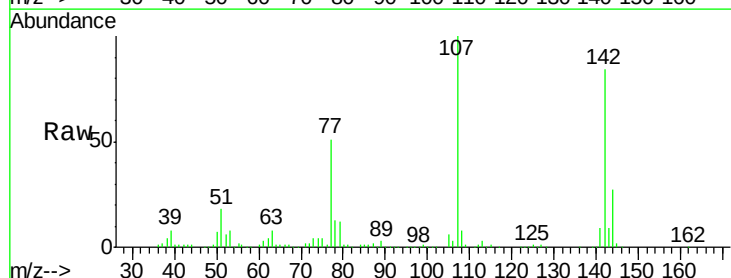


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

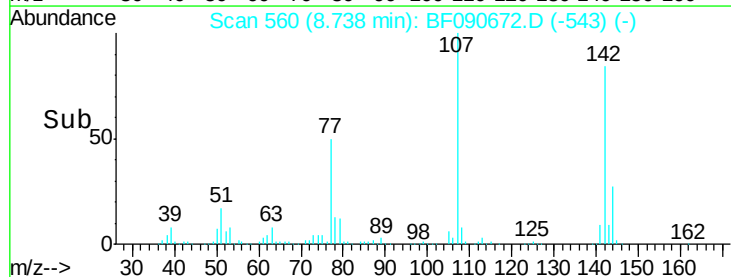
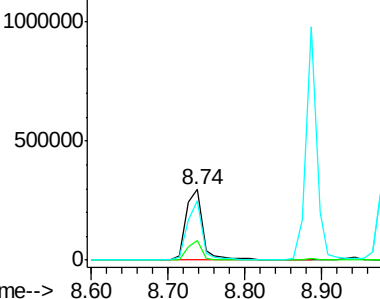


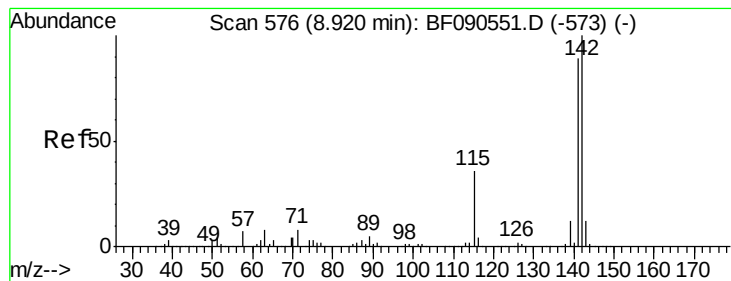
#36
 4-Chloro-3-methylphenol
 Concen: 31.27 ng
 RT: 8.74 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion:107 Resp: 450077
 Ion Ratio Lower Upper
 107 100
 144 27.4 16.9 25.3#
 142 84.2 52.5 78.7#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.17 ng

RT: 8.89 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

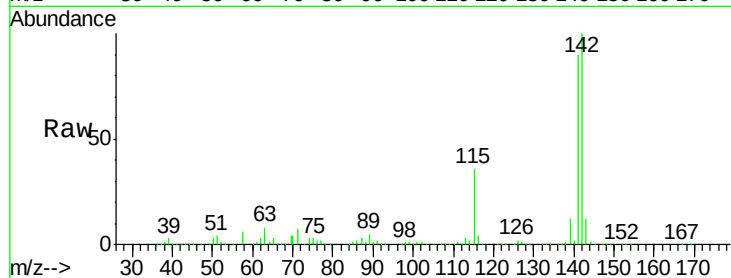
Tgt Ion:142 Resp: 954822

Ion Ratio Lower Upper

142 100

141 89.9 71.3 106.9

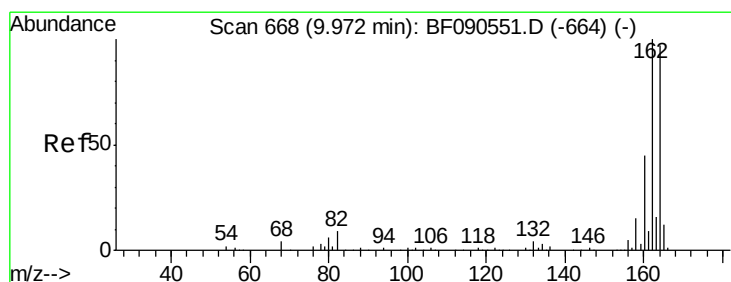
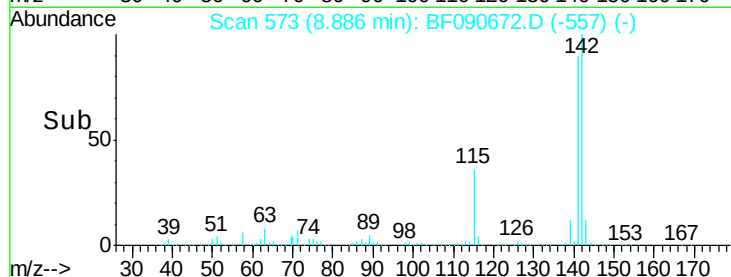
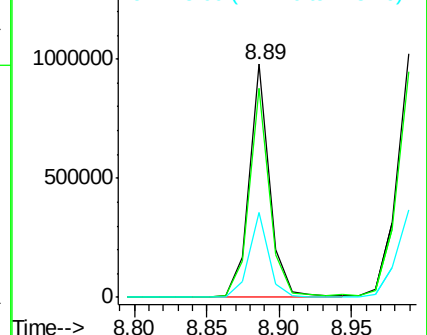
115 36.5 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

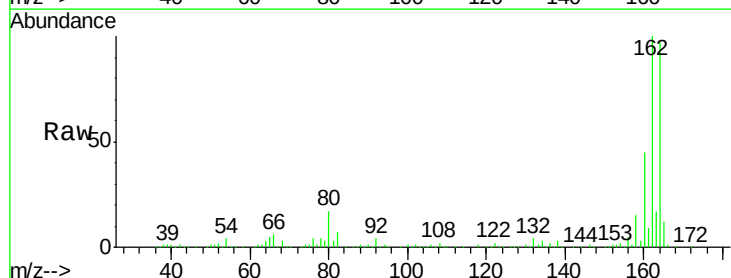
Tgt Ion:164 Resp: 518496

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.4

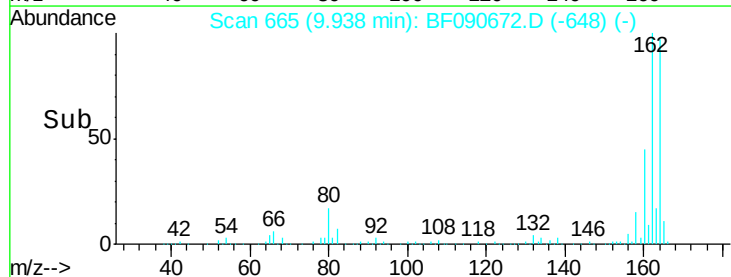
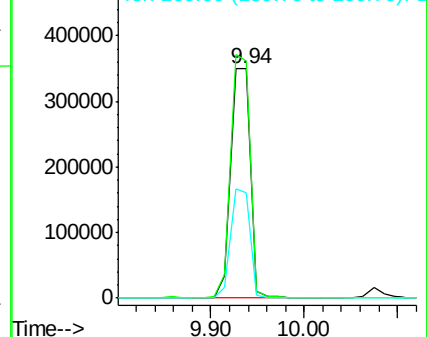
160 46.2 36.6 55.0

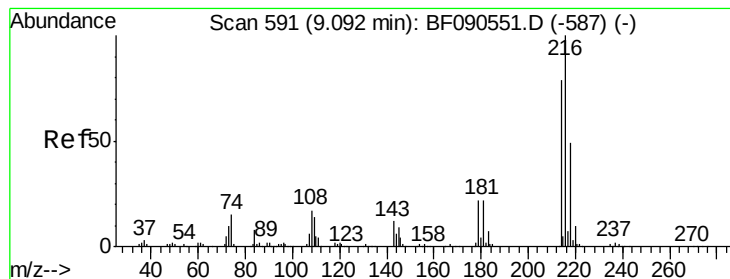


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.23 ng

RT: 9.06 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

Tgt Ion:216 Resp: 443079

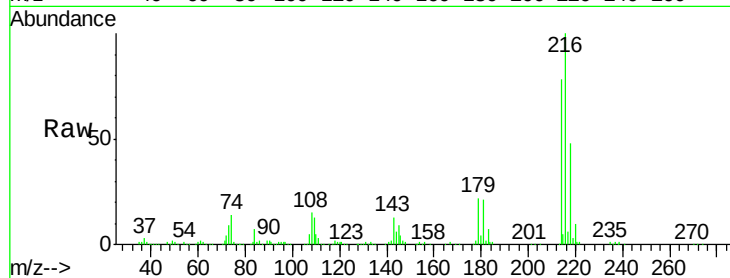
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 23.0 18.9 28.3

108 21.5 17.8 26.6

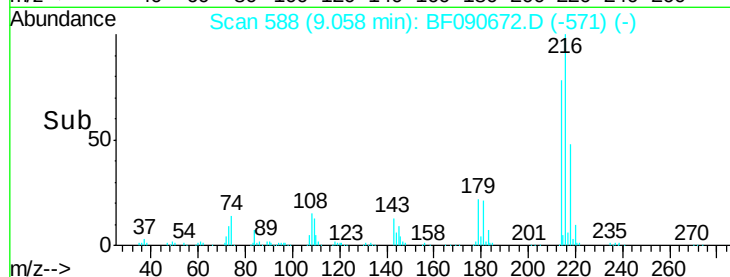


Abundance Ion 216.00 (215.70 to 216.70): E

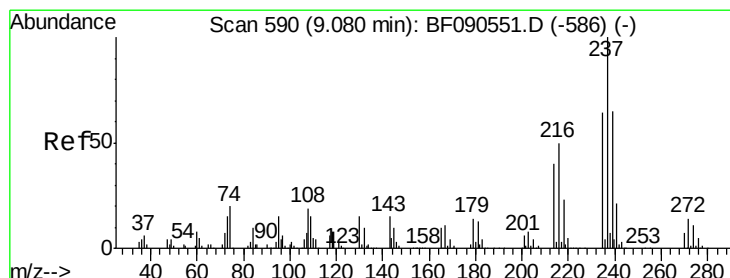
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 48.81 ng

RT: 9.05 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

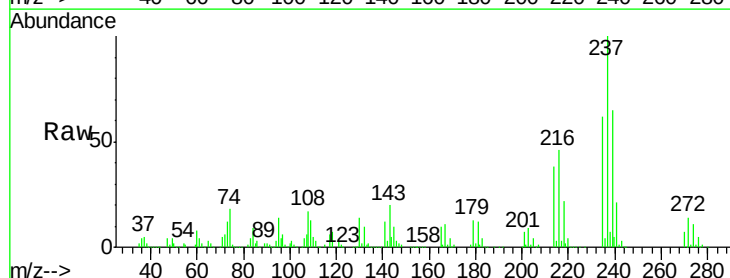
Tgt Ion:237 Resp: 327772

Ion Ratio Lower Upper

237 100

235 61.8 43.8 83.8

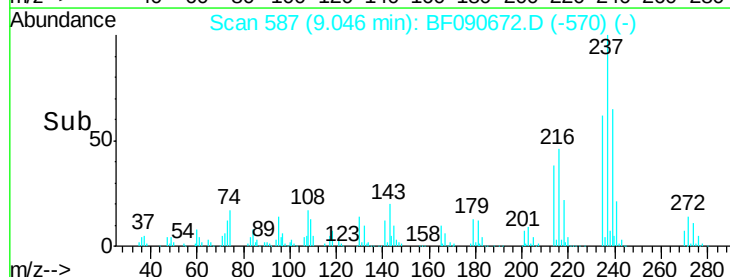
272 14.0 0.0 33.7



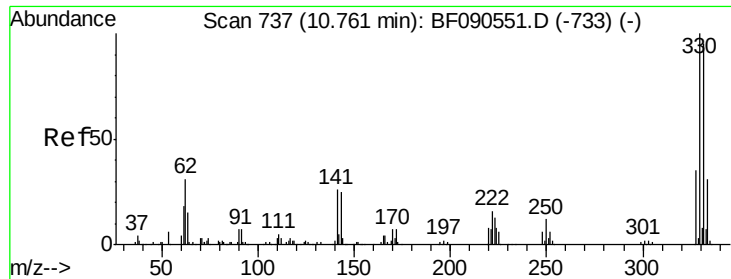
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



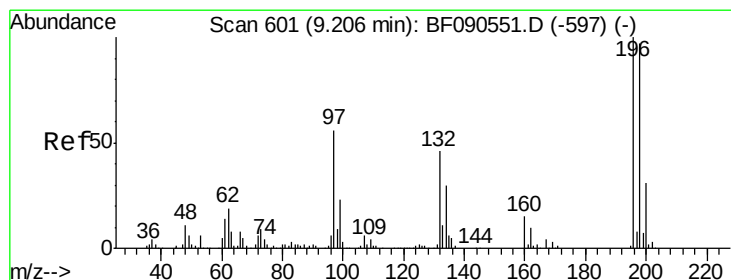
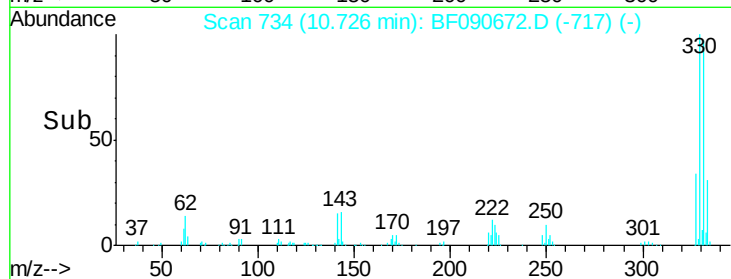
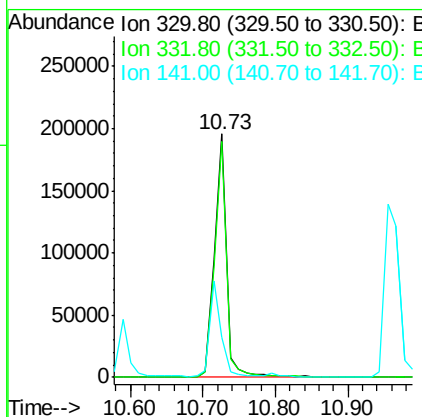
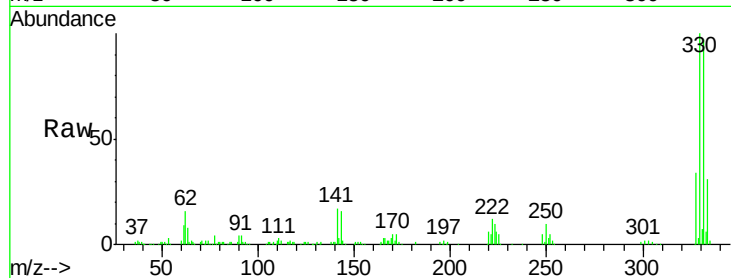
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 49.43 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

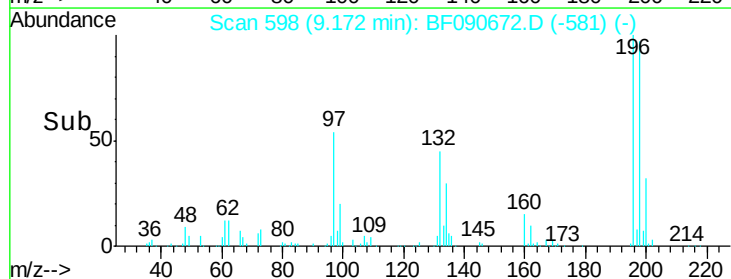
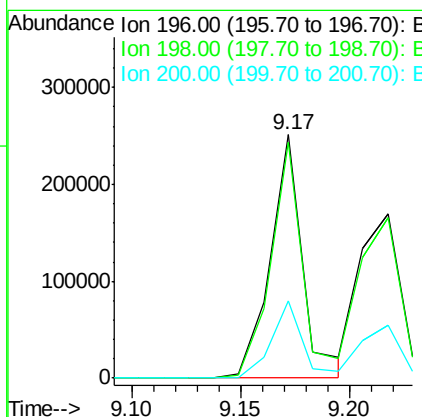
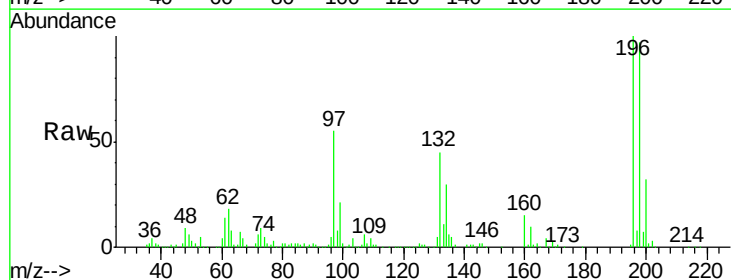
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

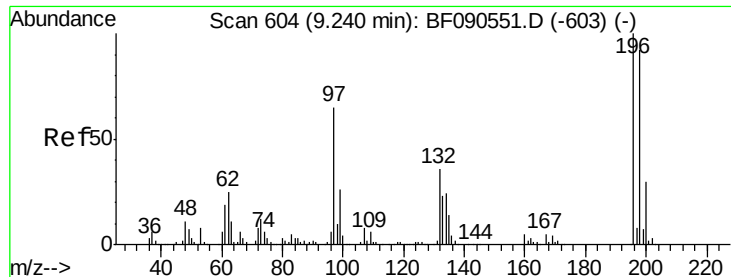
Tgt Ion:330 Resp: 228509
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.2
 141 36.9 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 33.84 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion:196 Resp: 262377
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.9 116.9
 200 31.8 25.1 37.7

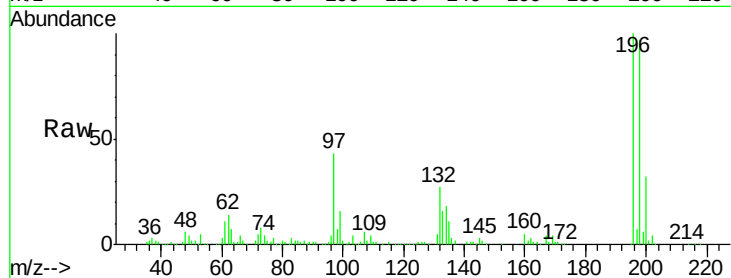




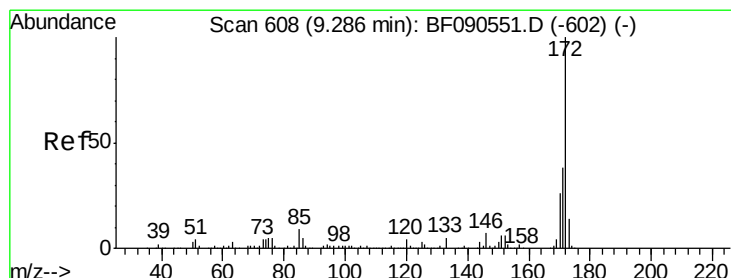
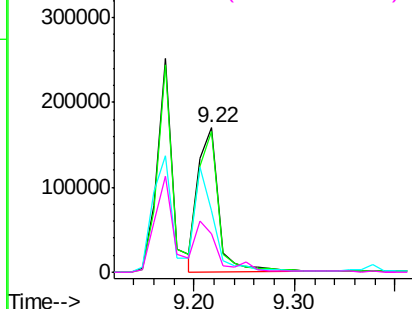
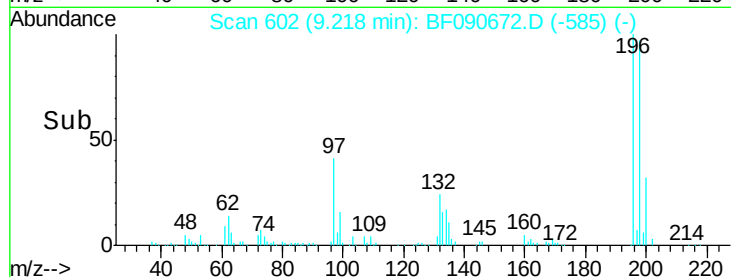
#43
2,4,5-Trichlorophenol
Concen: 26.17 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Instrument :
BNA_F
ClientSampleId :
PB94170BS

Tgt Ion:196 Resp: 242123
Ion Ratio Lower Upper
196 100
198 97.2 74.0 111.0
97 42.9 54.7 82.1#
132 26.9 30.5 45.7#

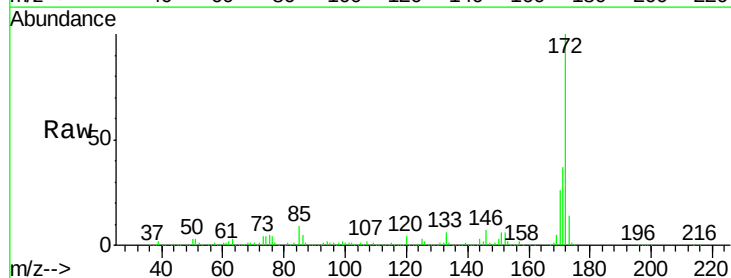


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

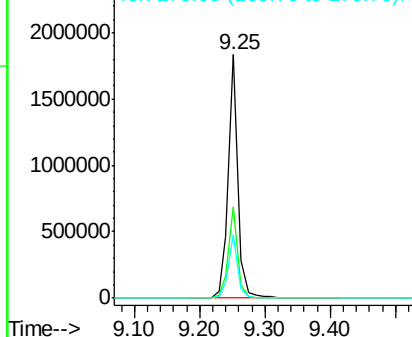
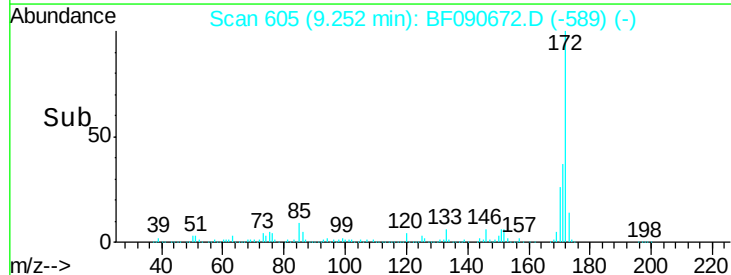


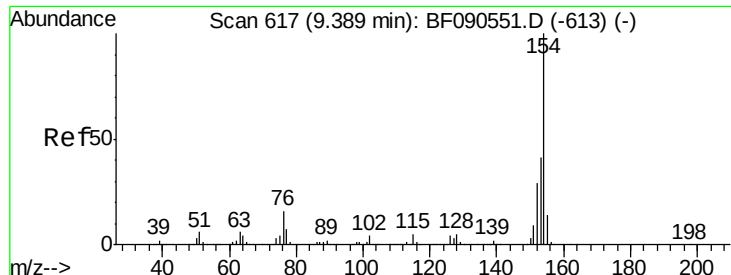
#44
2-Fluorobiphenyl
Concen: 60.15 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Tgt Ion:172 Resp: 1892719
Ion Ratio Lower Upper
172 100
171 37.5 30.1 45.1
170 25.8 20.6 30.8



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

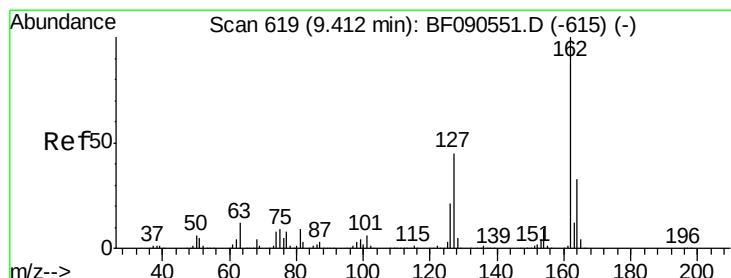
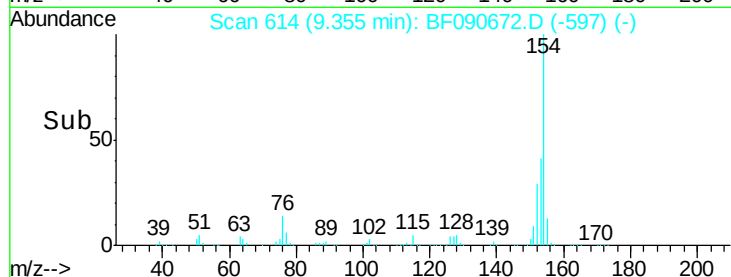
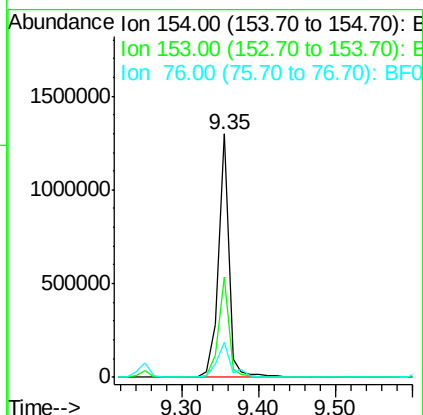
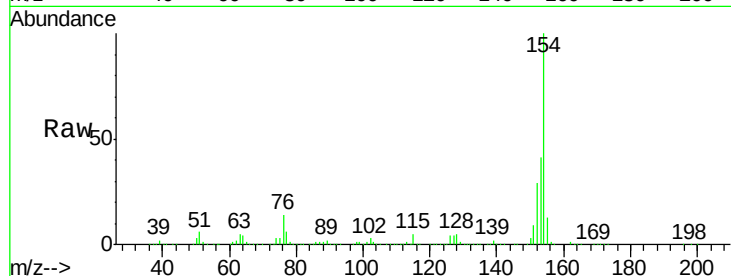




#45
 1,1'-Biphenyl
 Concen: 31.48 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

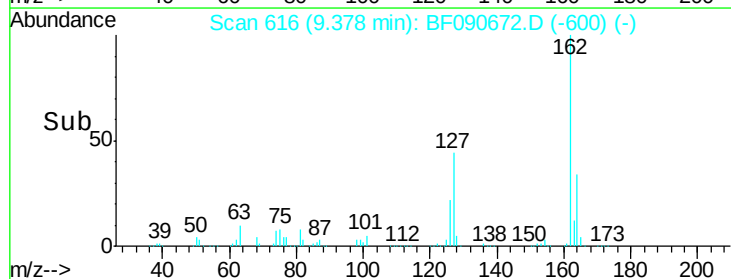
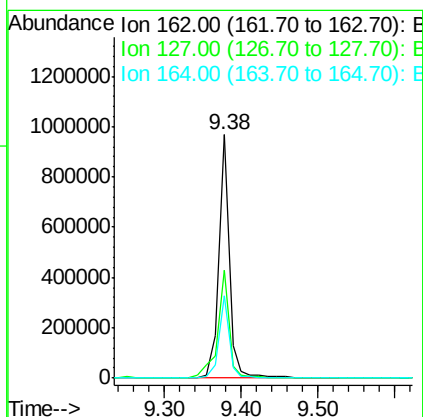
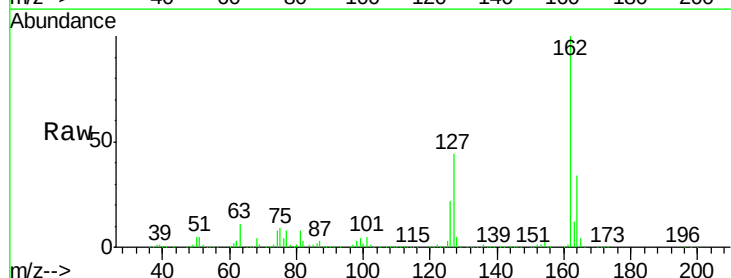
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

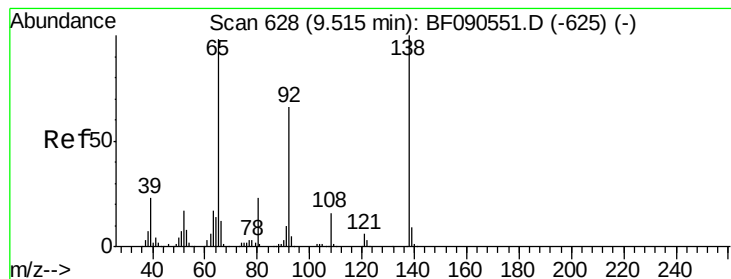
Tgt Ion:154 Resp: 1242081
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.5 61.5
 76 14.3 0.0 36.0



#46
 2-Chloronaphthalene
 Concen: 31.90 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion:162 Resp: 938460
 Ion Ratio Lower Upper
 162 100
 127 44.3 35.9 53.9
 164 33.9 26.7 40.1





#47

2-Nitroaniline

Concen: 31.31 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

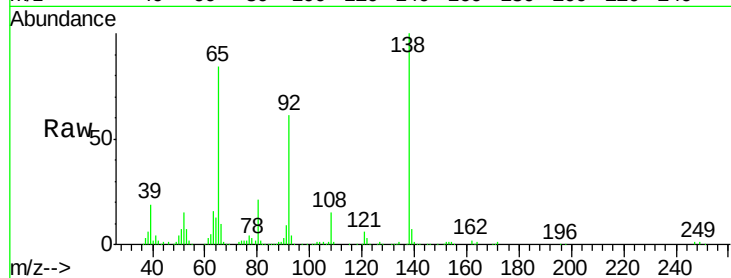
Tgt Ion: 65 Resp: 333889

Ion Ratio Lower Upper

65 100

92 72.4 54.3 81.5

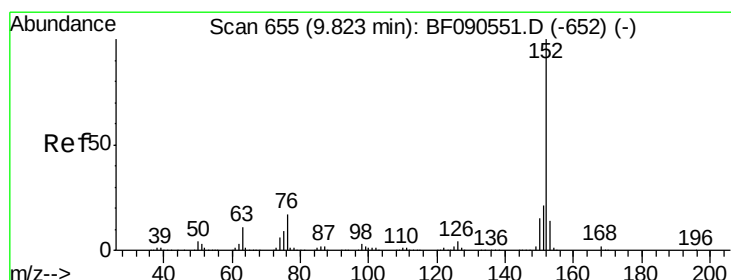
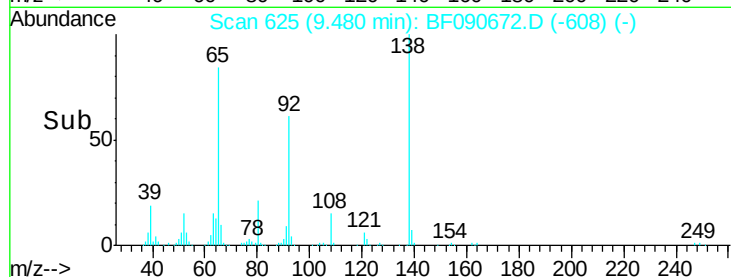
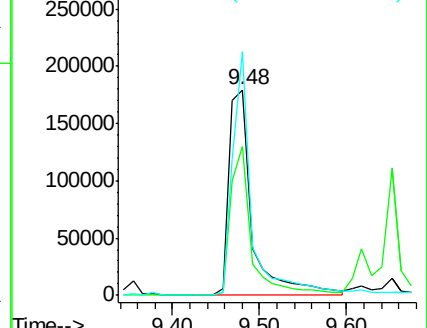
138 118.5 81.7 122.5



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: 28.91 ng

RT: 9.79 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

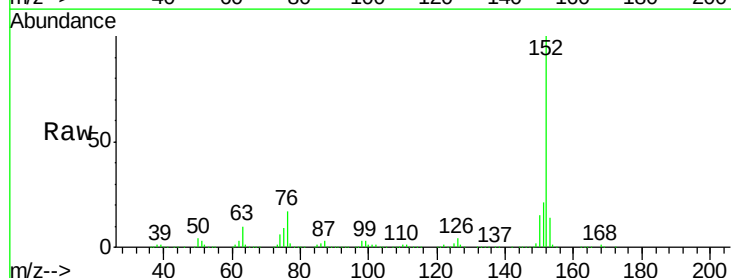
Tgt Ion: 152 Resp: 1354339

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

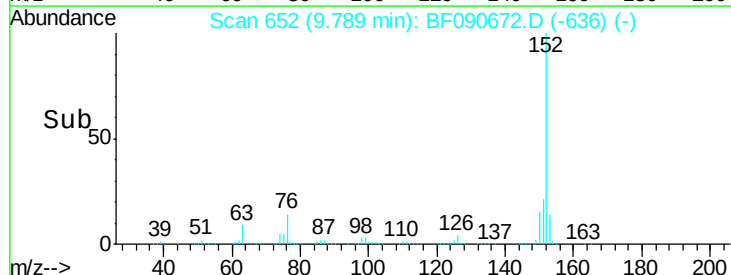
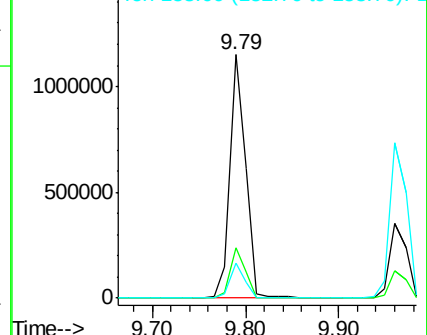
153 14.1 11.3 16.9

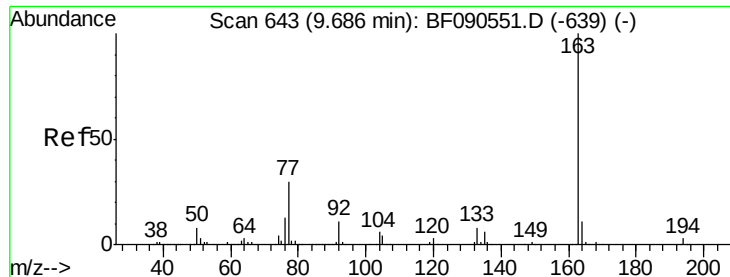


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 29.24 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

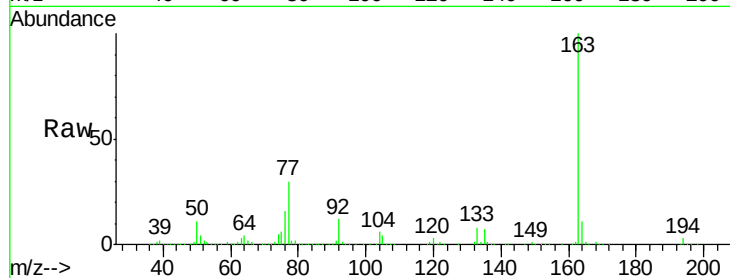
Tgt Ion:163 Resp: 983758

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

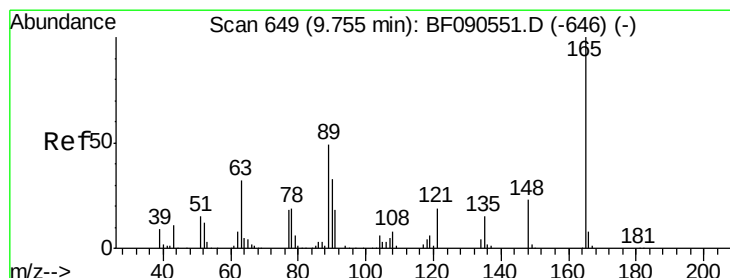
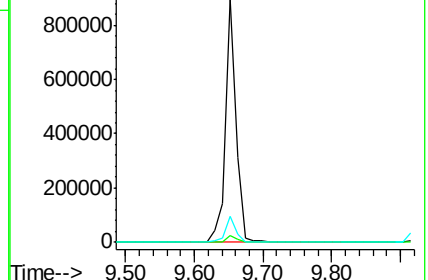
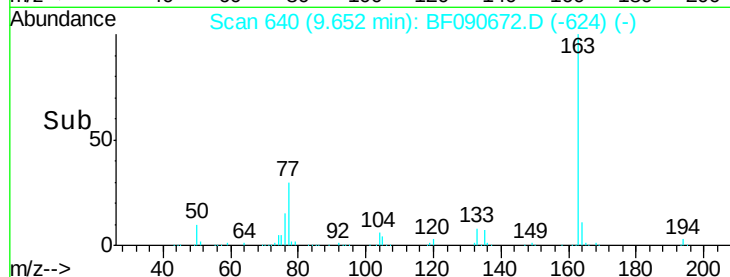
164 10.9 8.6 13.0



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: 31.55 ng

RT: 9.72 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

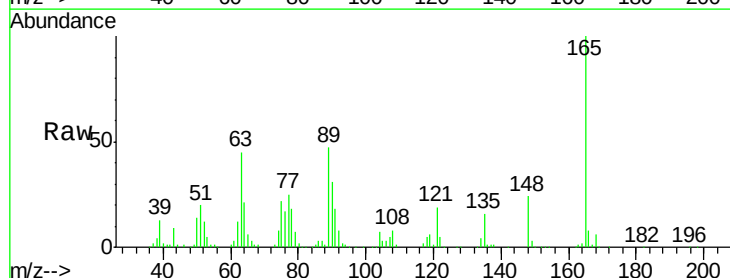
Tgt Ion:165 Resp: 232245

Ion Ratio Lower Upper

165 100

63 44.7 40.1 60.1

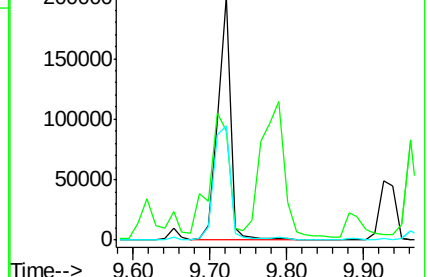
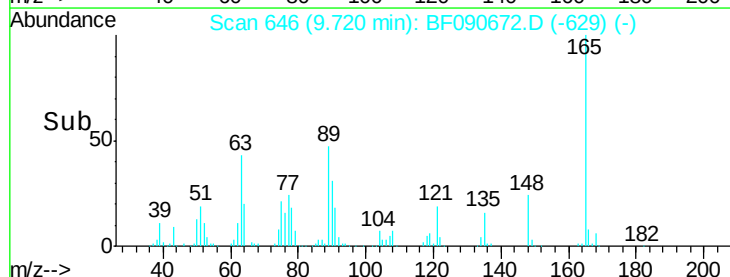
89 47.0 39.5 59.3

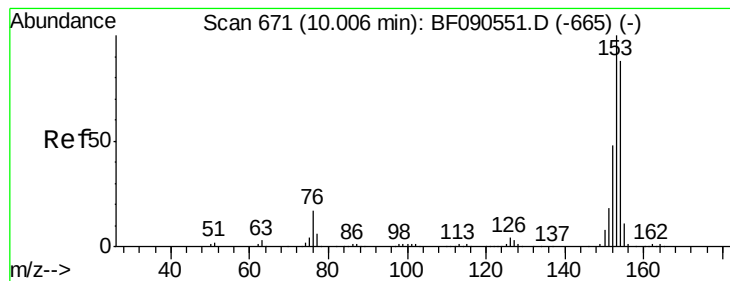


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.05 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

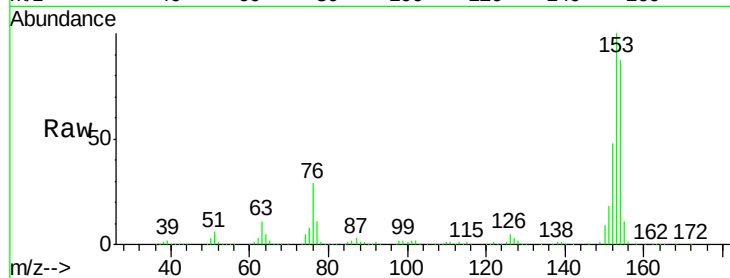
Tgt Ion:154 Resp: 842209

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

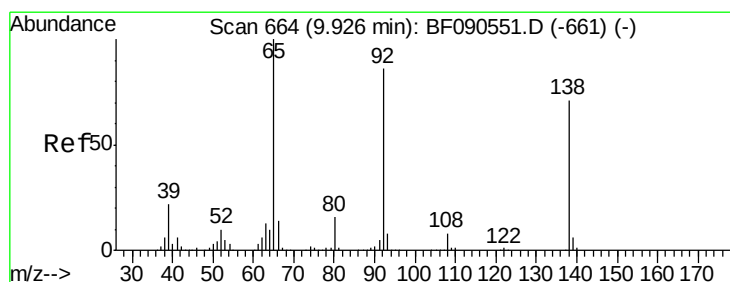
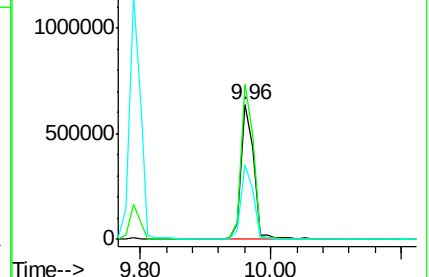
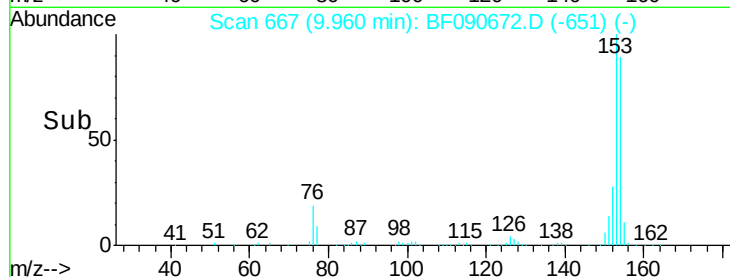
152 55.2 44.0 66.0



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: 21.32 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

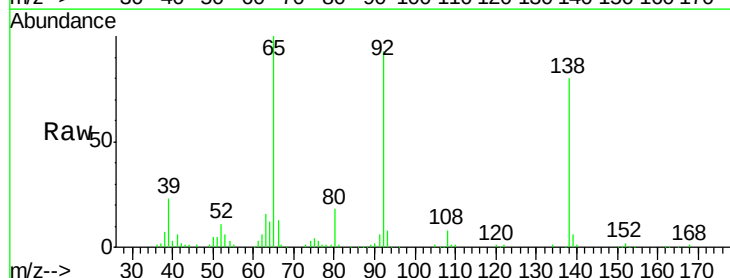
Tgt Ion:138 Resp: 196889

Ion Ratio Lower Upper

138 100

108 9.7 8.6 12.8

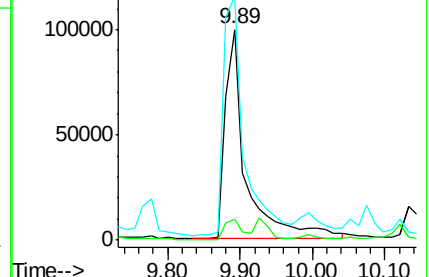
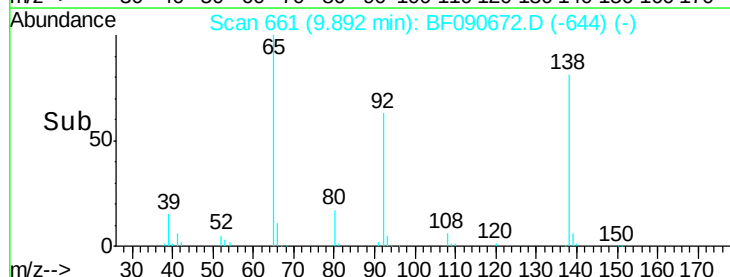
92 115.6 97.8 146.8

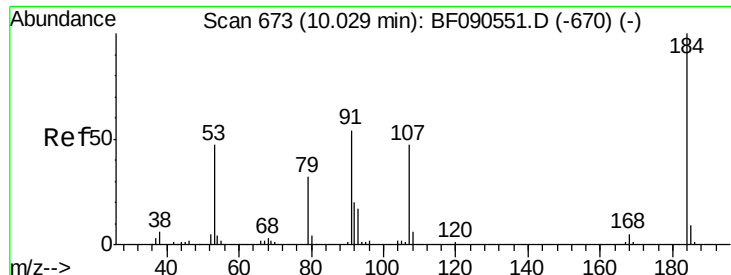


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

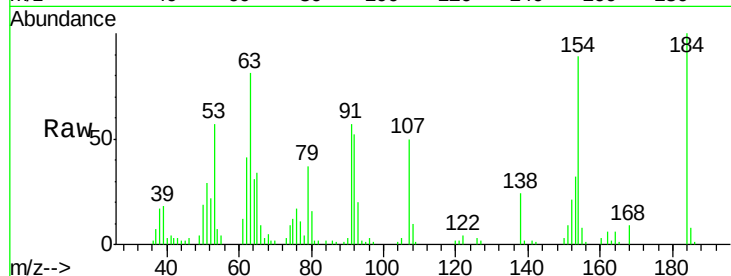




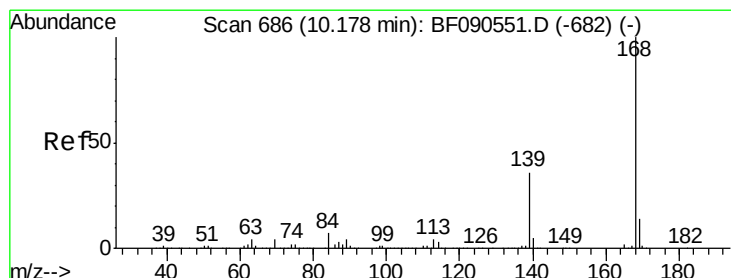
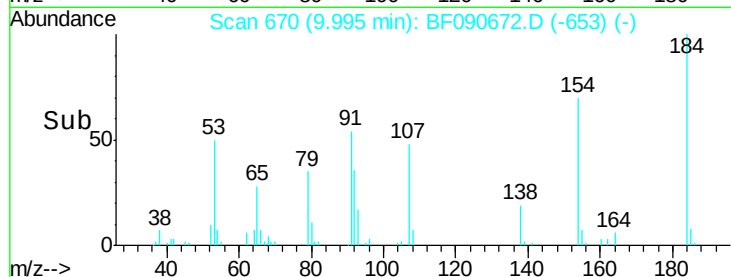
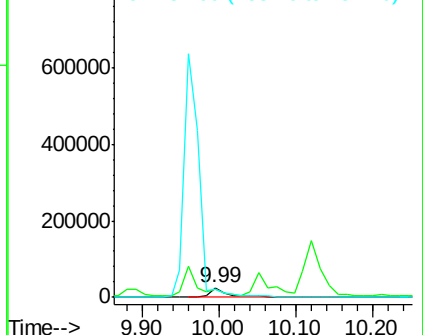
#53
 2,4-Dinitrophenol
 Concen: 16.50 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

Tgt Ion:184 Resp: 46568
 Ion Ratio Lower Upper
 184 100
 63 80.7 60.2 90.2
 154 89.2 86.1 129.1

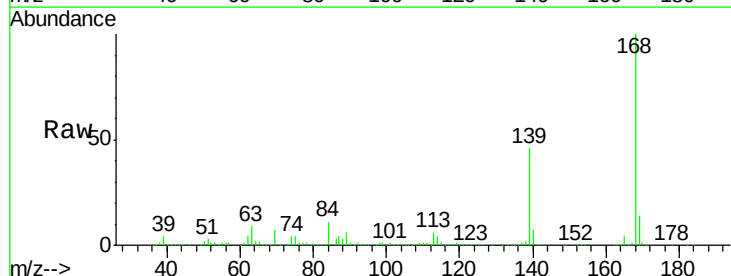


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

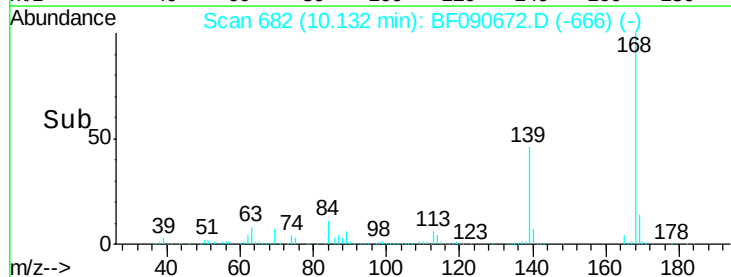
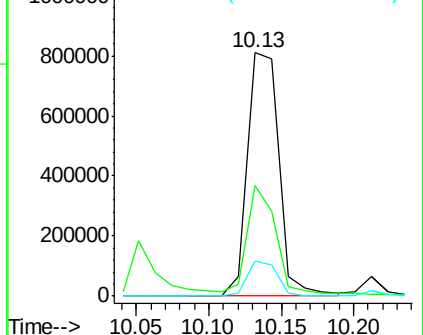


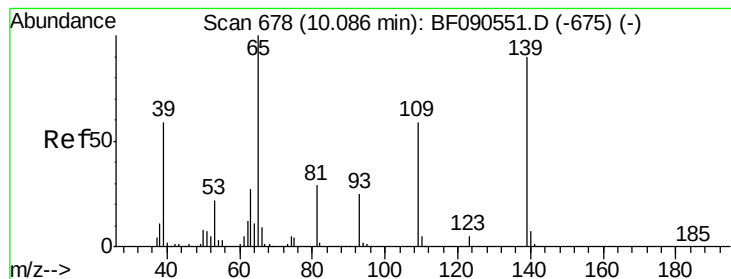
#54
 Dibenzofuran
 Concen: 29.82 ng
 RT: 10.13 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion:168 Resp: 1221195
 Ion Ratio Lower Upper
 168 100
 139 45.6 30.5 45.7
 169 14.2 10.9 16.3



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





#55

4-Nitrophenol

Concen: 44.73 ng

RT: 10.05 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

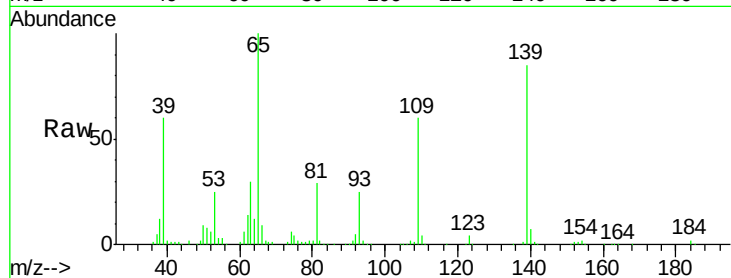
Tgt Ion:139 Resp: 248632

Ion Ratio Lower Upper

139 100

109 69.8 45.9 85.9

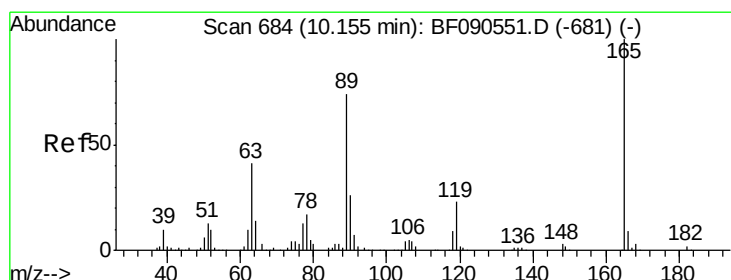
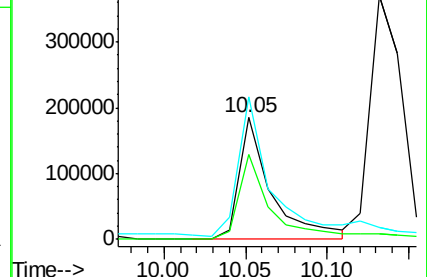
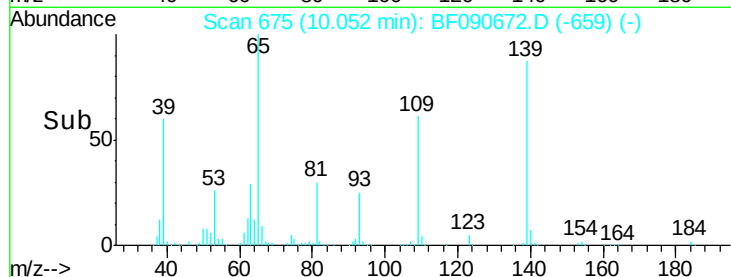
65 117.2 95.8 135.8



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: 31.66 ng

RT: 10.12 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Tgt Ion:165 Resp: 316563

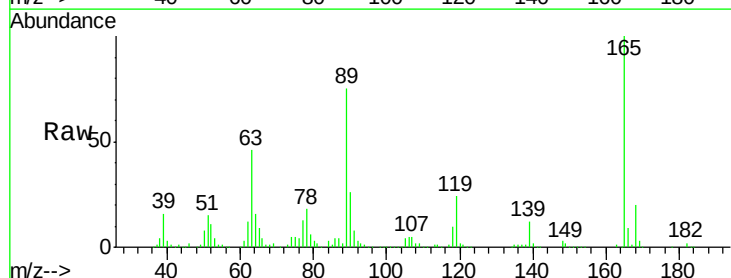
Ion Ratio Lower Upper

165 100

63 46.2 35.4 53.0

89 75.5 59.0 88.4

182 2.0 1.8 2.6

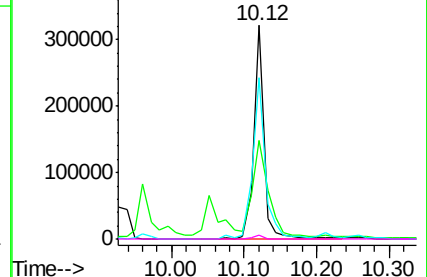
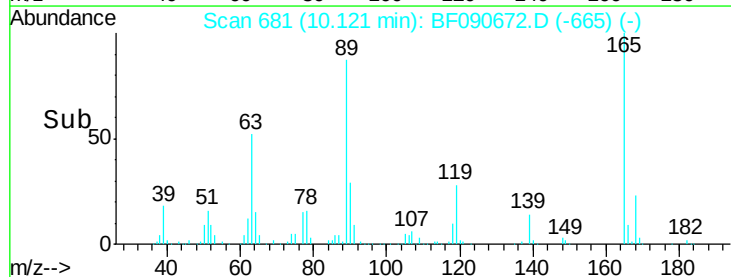


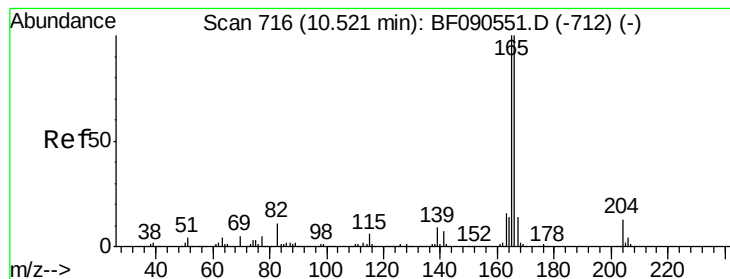
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.84 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

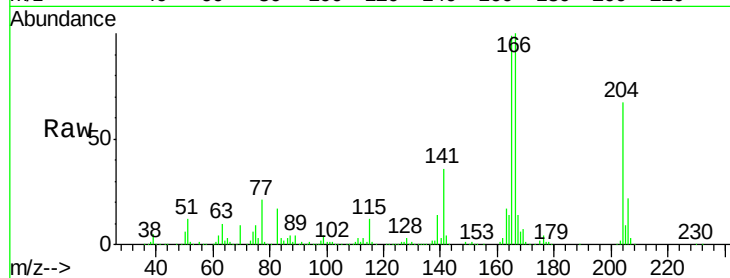
Tgt Ion:166 Resp: 974266

Ion Ratio Lower Upper

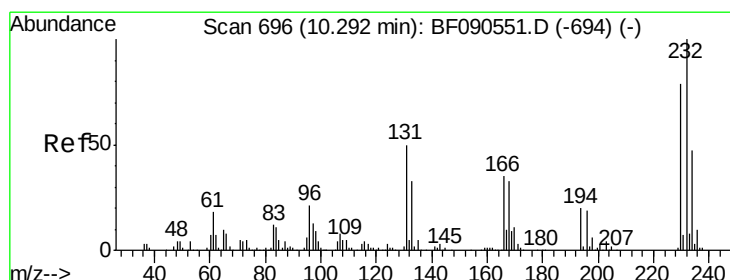
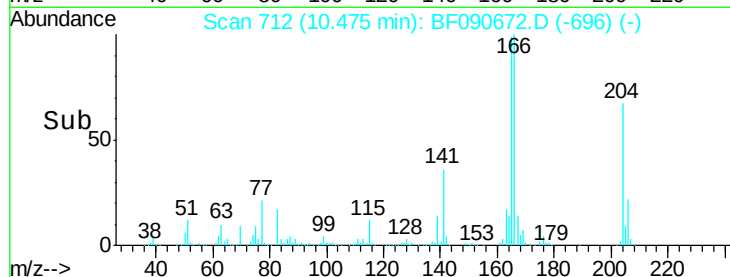
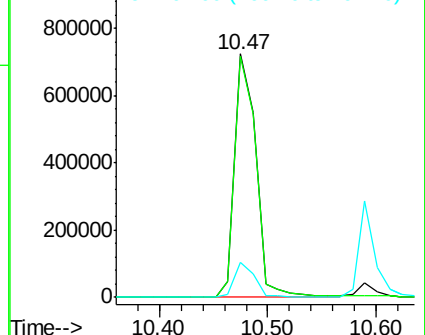
166 100

165 99.1 79.9 119.9

167 14.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.87 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Tgt Ion:232 Resp: 199287

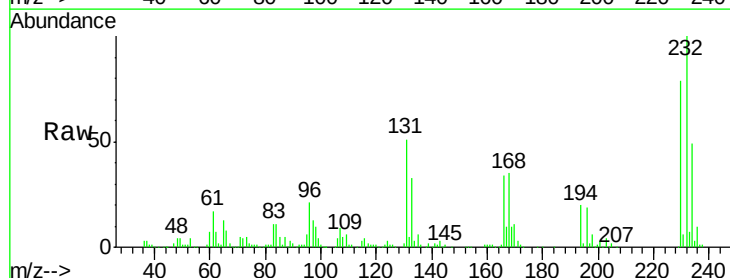
Ion Ratio Lower Upper

232 100

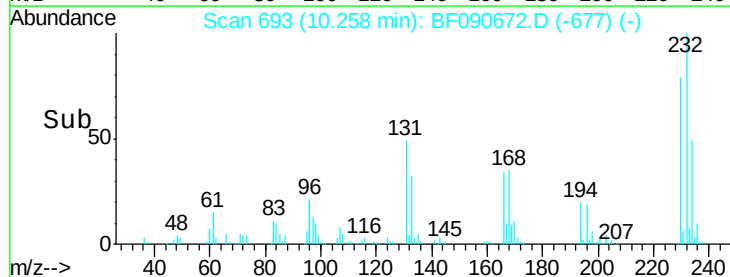
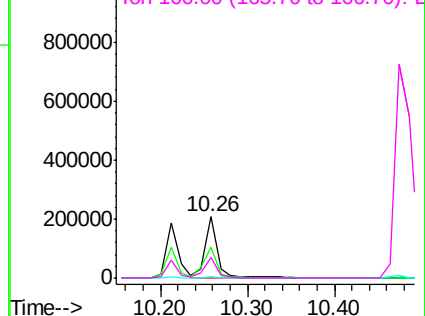
131 54.8 42.6 64.0

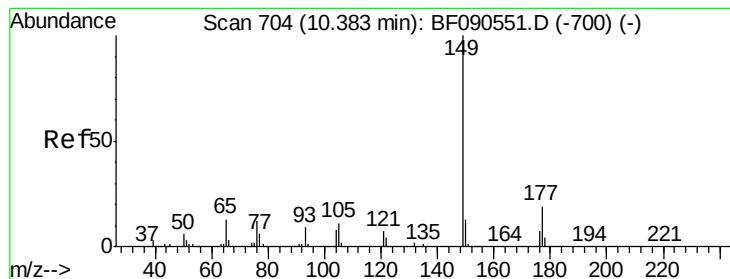
130 2.6 1.8 2.8

166 34.0 27.5 41.3



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 30.87 ng

RT: 10.35 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

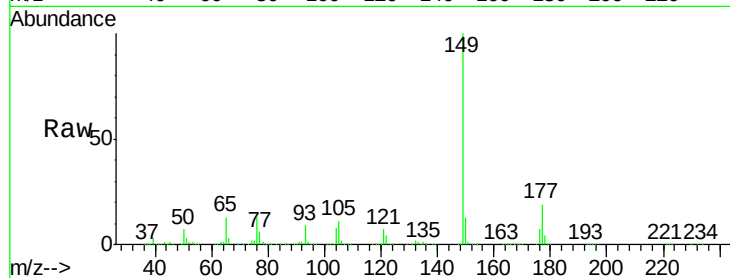
Tgt Ion:149 Resp: 1053062

Ion Ratio Lower Upper

149 100

177 19.0 15.3 22.9

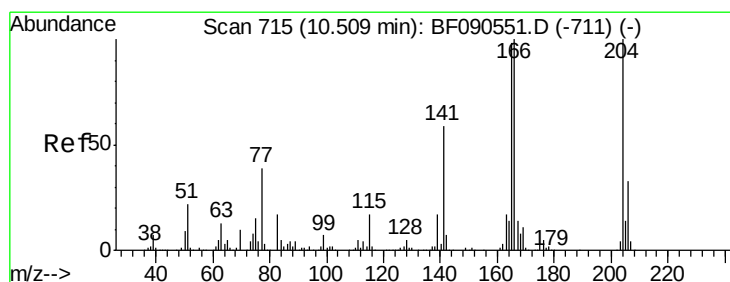
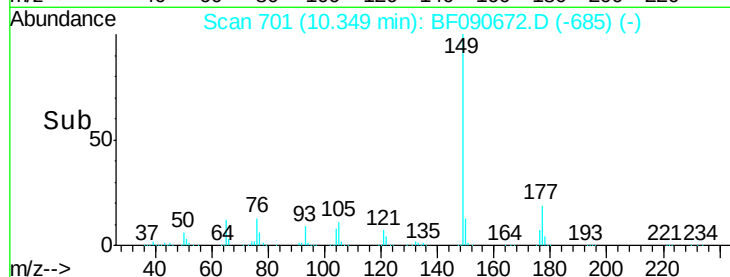
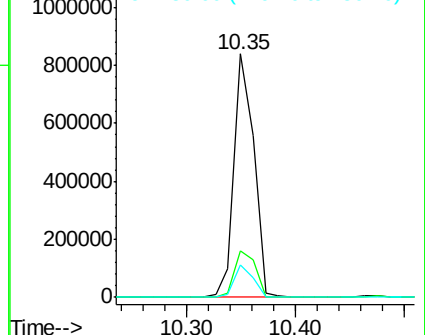
150 13.2 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.86 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

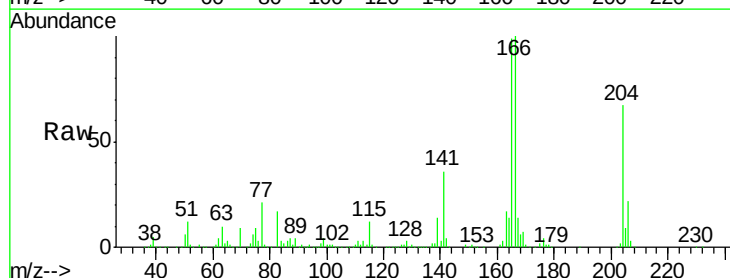
Tgt Ion:204 Resp: 475531

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

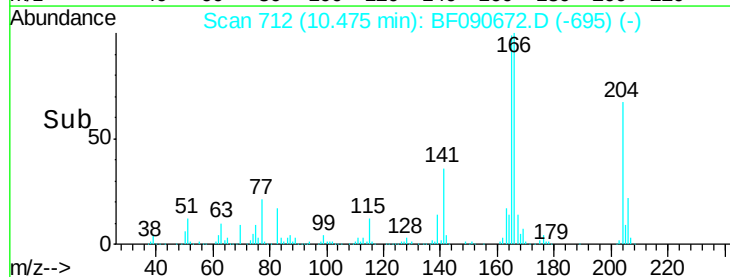
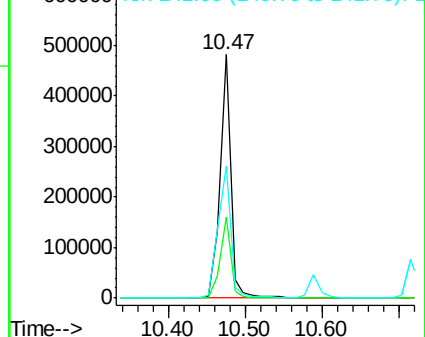
141 54.3 47.2 70.8

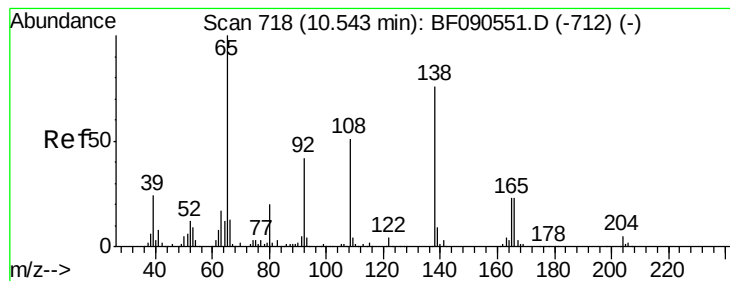


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 25.87 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

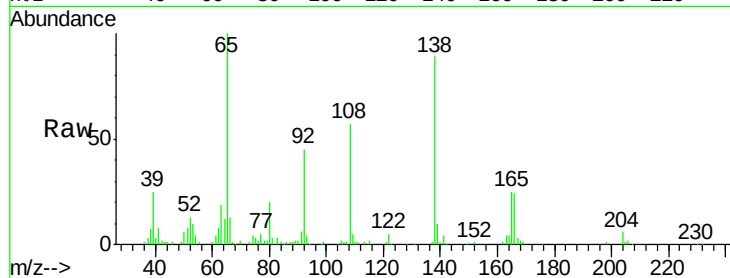
Tgt Ion: 138 Resp: 239606

Ion Ratio Lower Upper

138 100

92 50.0 35.7 75.7

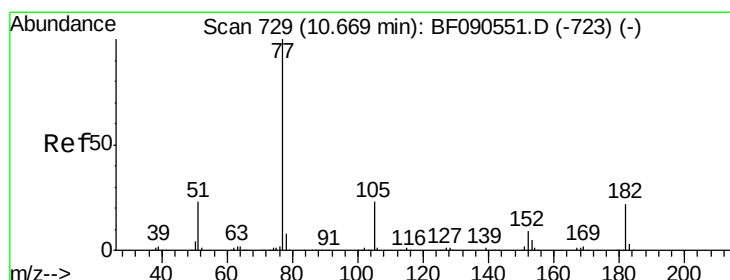
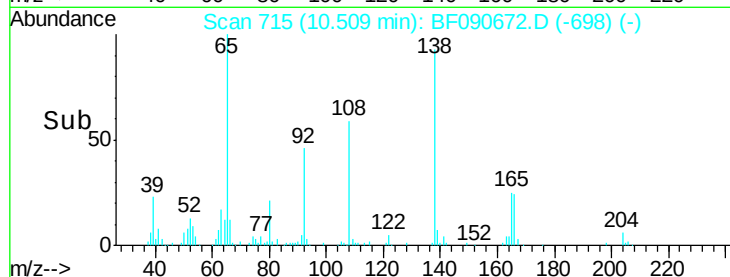
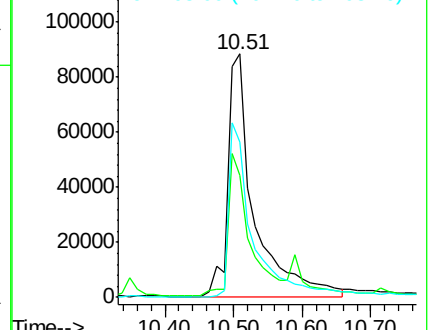
108 63.6 46.9 86.9



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: 33.39 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Tgt Ion: 77 Resp: 1317955

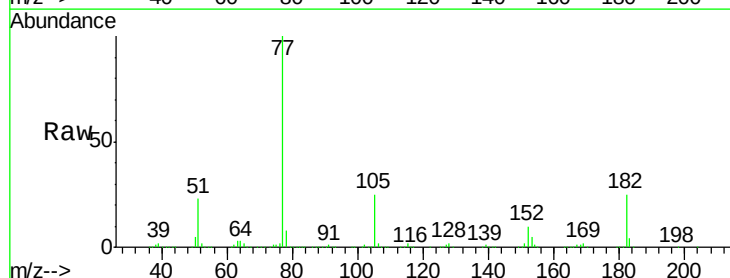
Ion Ratio Lower Upper

77 100

182 25.5 2.2 42.2

105 24.5 3.5 43.5

51 23.3 3.7 43.7

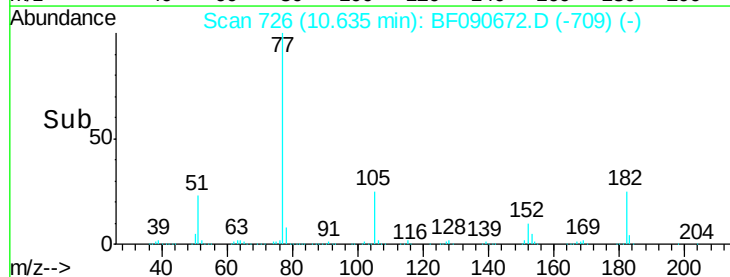
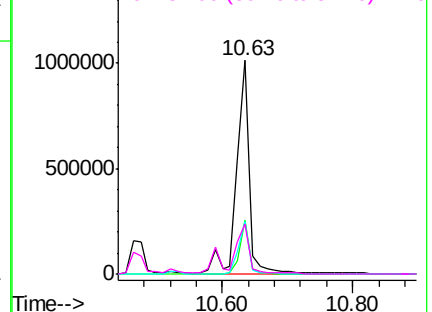


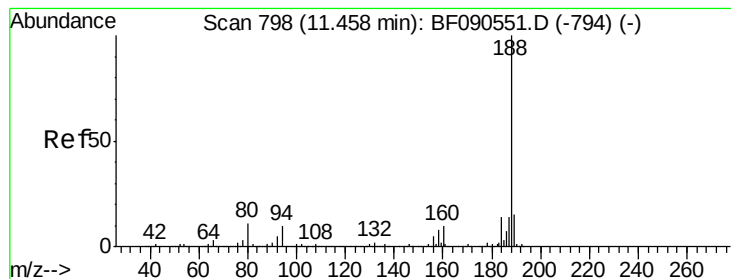
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

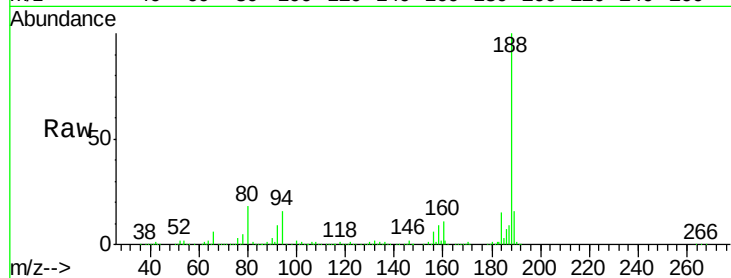
Tgt Ion:188 Resp: 784757

Ion Ratio Lower Upper

188 100

94 15.7 7.7 11.5#

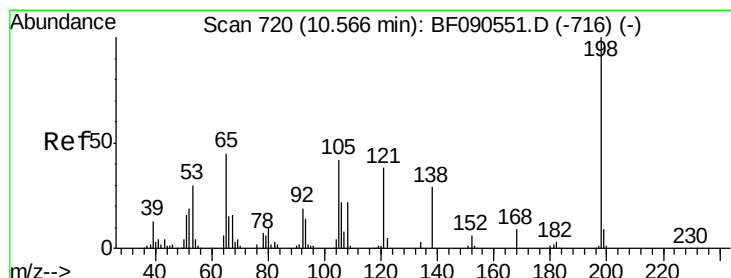
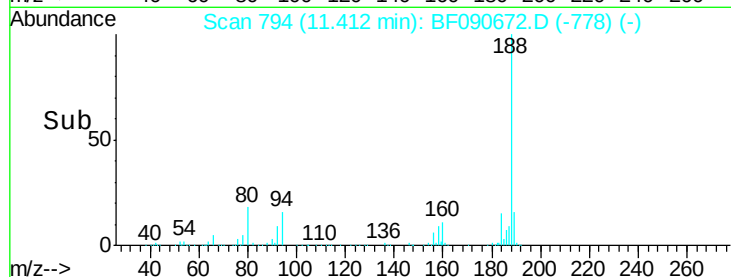
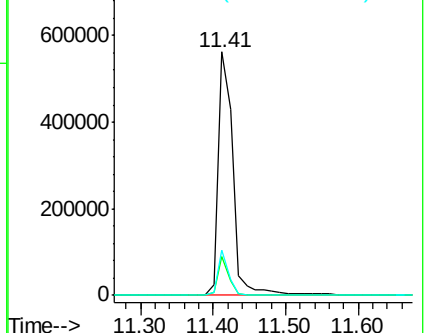
80 18.4 8.6 12.8#



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: 8.66 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

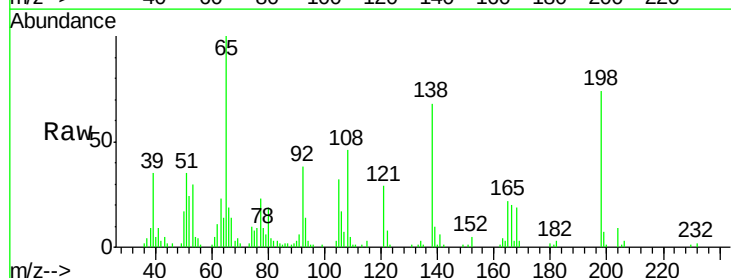
Tgt Ion:198 Resp: 41144

Ion Ratio Lower Upper

198 100

51 47.4 19.7 59.7

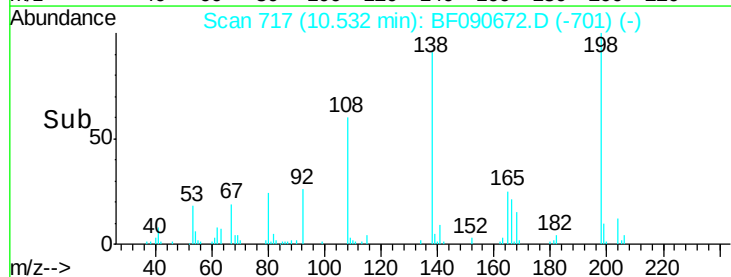
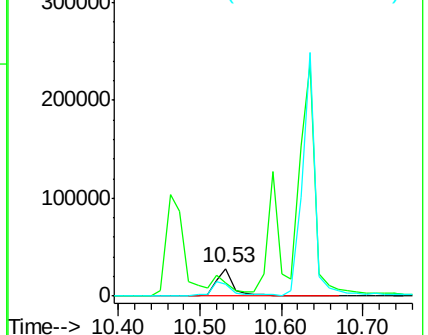
105 43.2 22.6 62.6

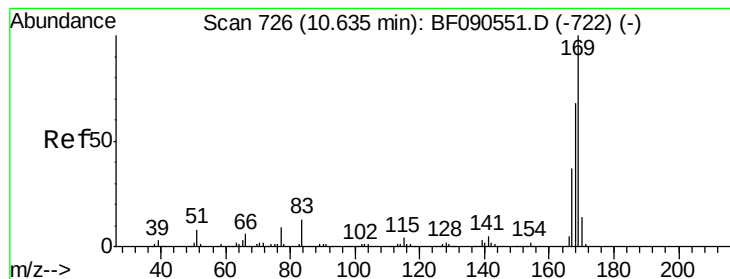


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.59 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

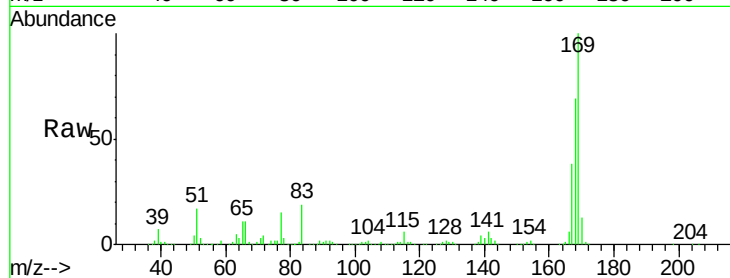
Tgt Ion:169 Resp: 818795

Ion Ratio Lower Upper

169 100

168 68.6 54.6 81.8

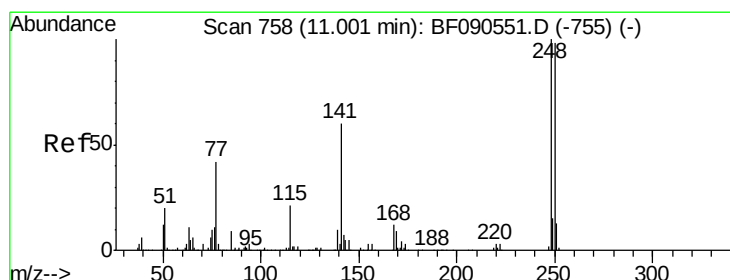
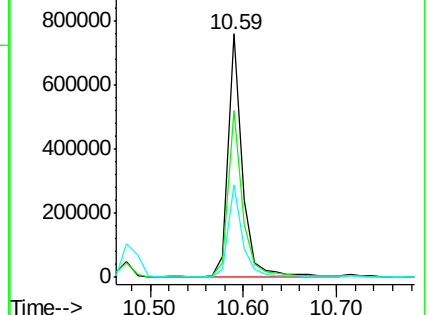
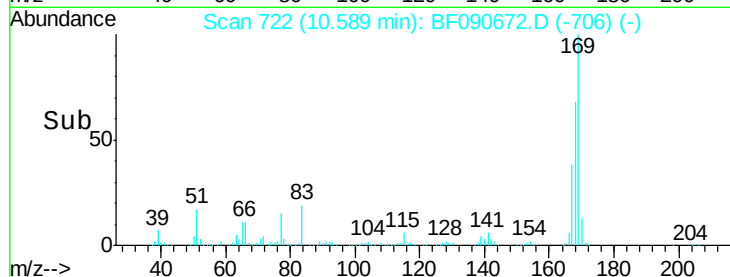
167 37.8 29.8 44.8



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: 30.36 ng

RT: 10.97 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

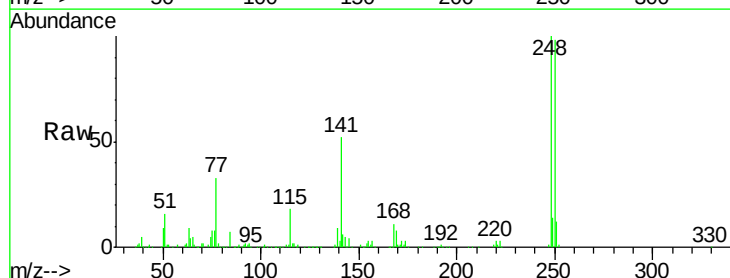
Tgt Ion:248 Resp: 255643

Ion Ratio Lower Upper

248 100

250 98.0 78.4 117.6

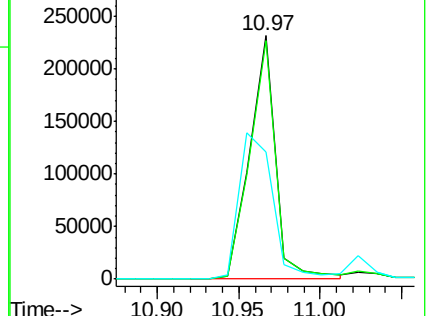
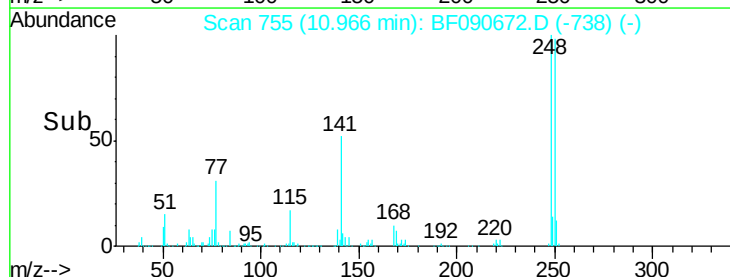
141 52.5 48.4 72.6

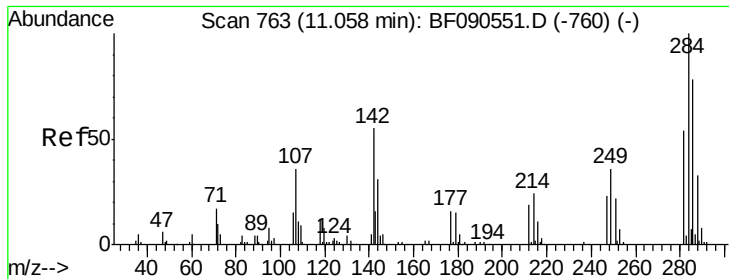


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.78 ng

RT: 11.02 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

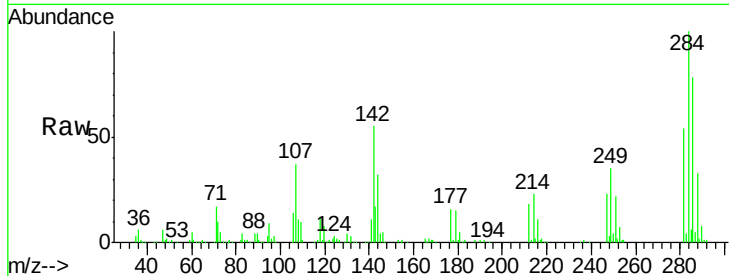
Tgt Ion:284 Resp: 290514

Ion Ratio Lower Upper

284 100

142 55.3 44.5 66.7

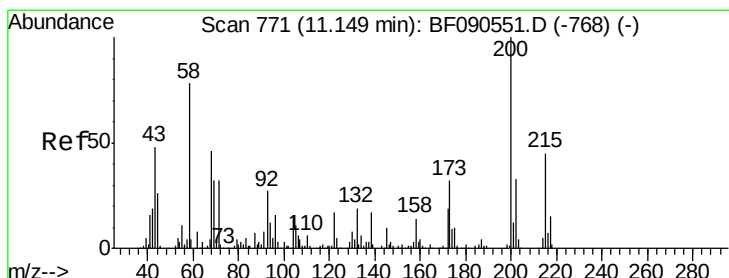
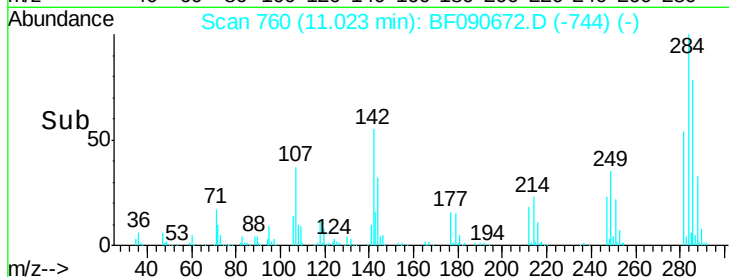
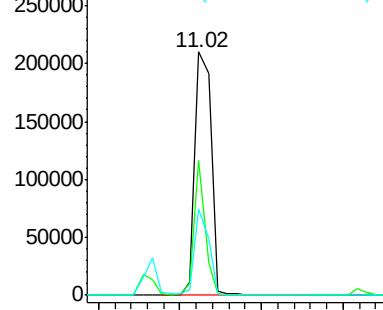
249 35.4 29.6 44.4



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: 30.96 ng

RT: 11.11 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

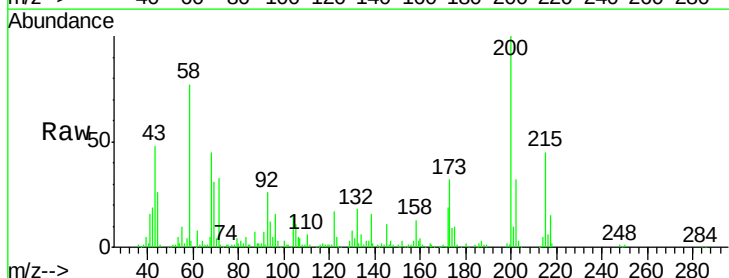
Tgt Ion:200 Resp: 221988

Ion Ratio Lower Upper

200 100

173 32.2 12.0 52.0

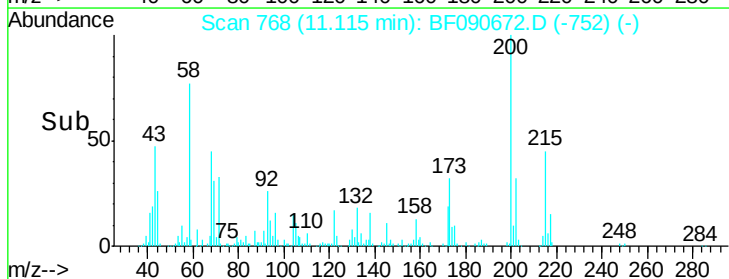
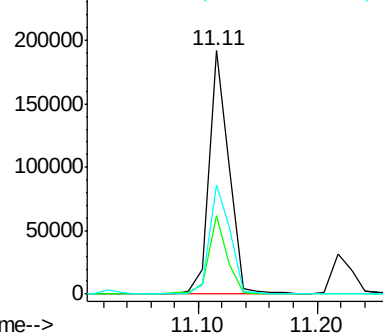
215 44.9 25.2 65.2

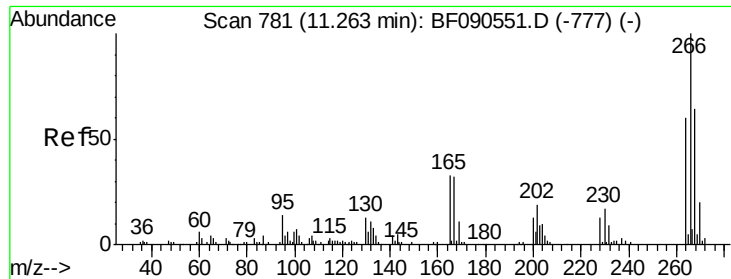


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

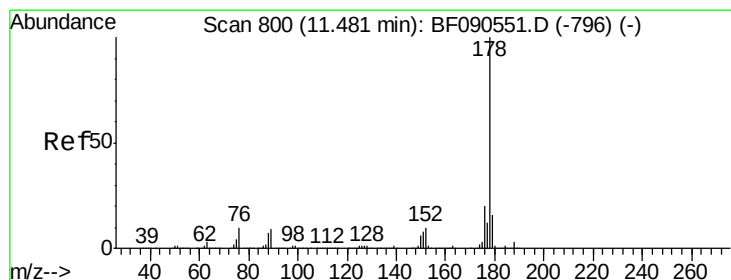
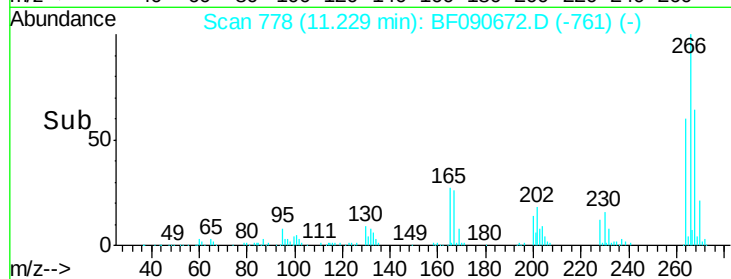
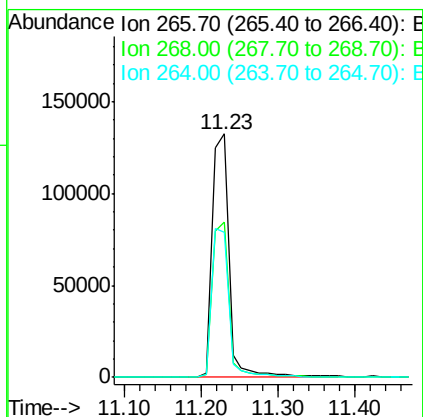
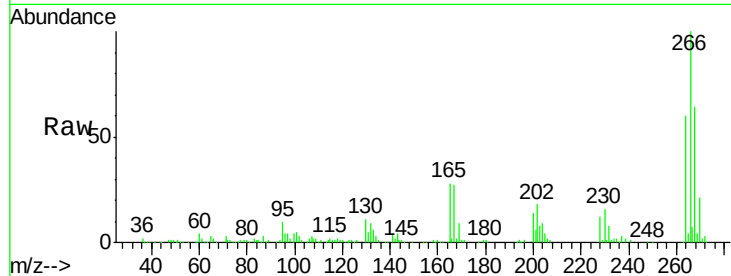




#69
 Pentachlorophenol
 Concen: 44.32 ng
 RT: 11.23 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

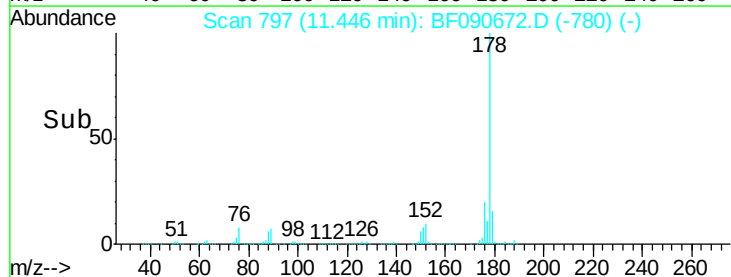
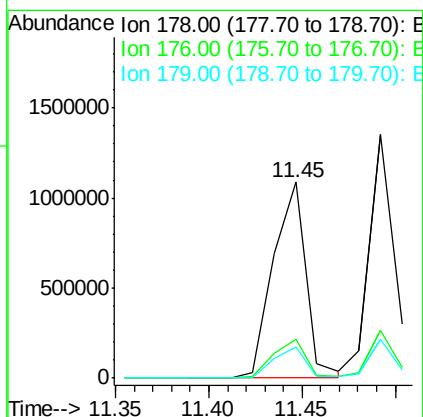
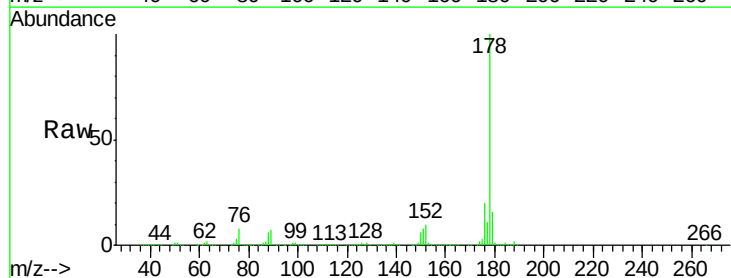
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

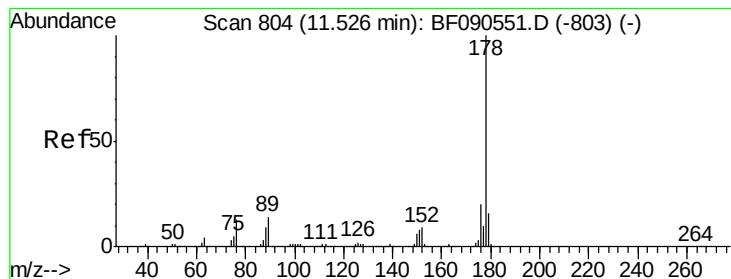
Tgt Ion: 266 Resp: 200839
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.5 77.3
 264 59.8 47.9 71.9



#70
 Phenanthrene
 Concen: 31.63 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion: 178 Resp: 1325059
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.1 24.1
 179 15.6 12.6 19.0





#71

Anthracene

Concen: 30.38 ng

RT: 11.49 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

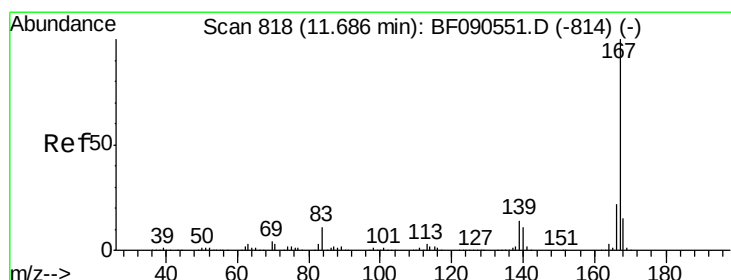
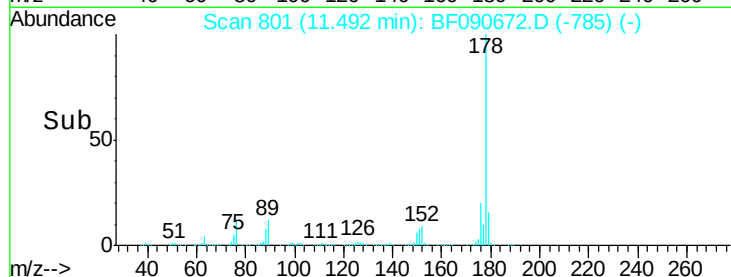
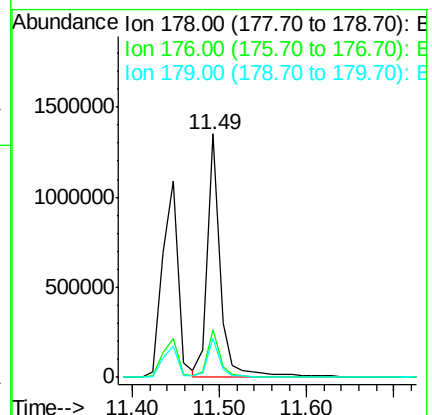
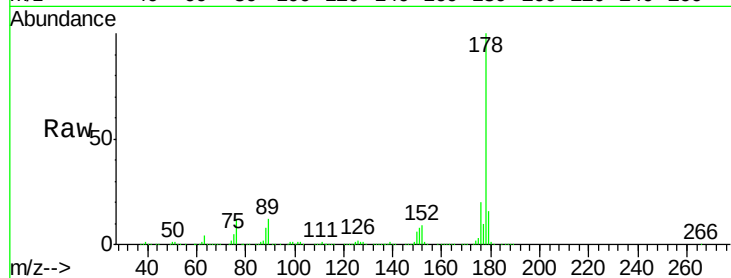
Tgt Ion:178 Resp: 1369686

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.9 13.0 19.4



#72

Carbazole

Concen: 29.22 ng

RT: 11.65 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

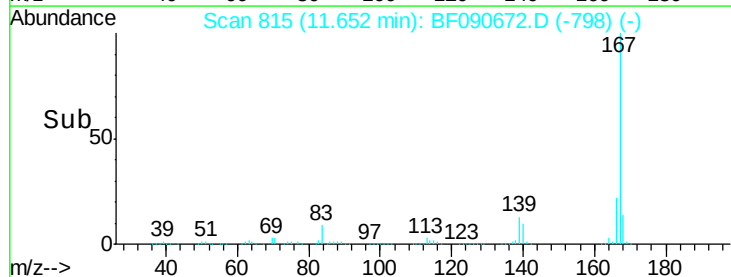
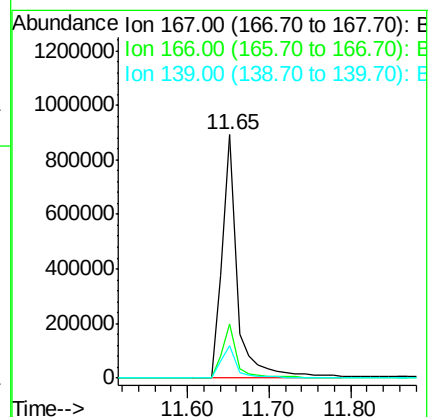
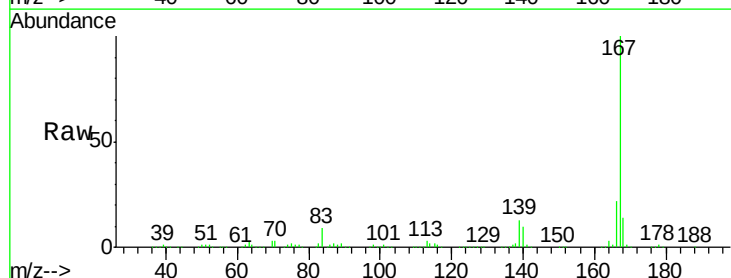
Tgt Ion:167 Resp: 1179117

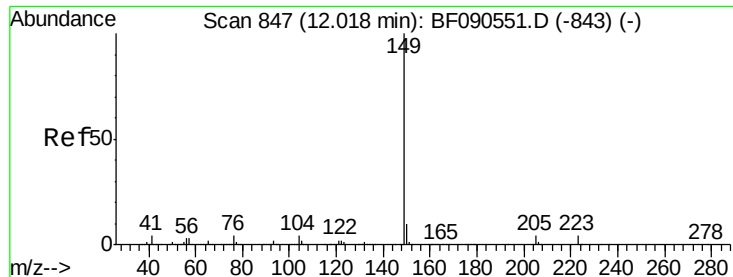
Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

139 13.2 11.3 16.9





#73

Di-n-butylphthalate

Concen: 34.83 ng

RT: 11.98 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

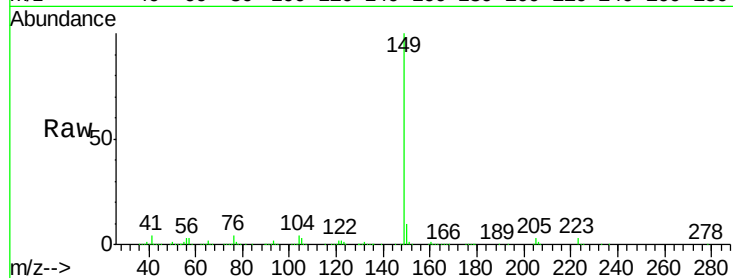
Tgt Ion:149 Resp: 1647042

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

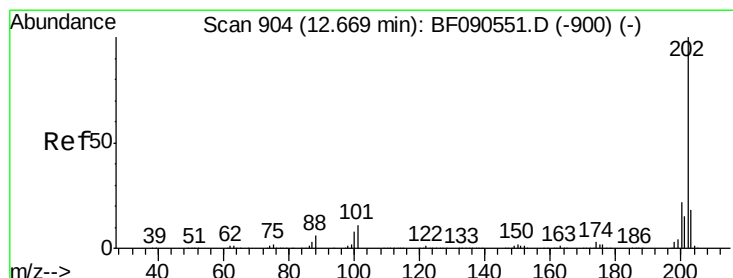
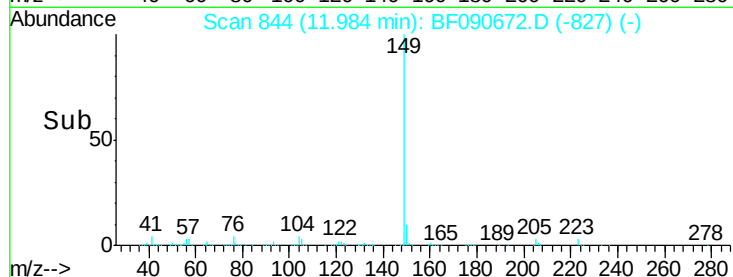
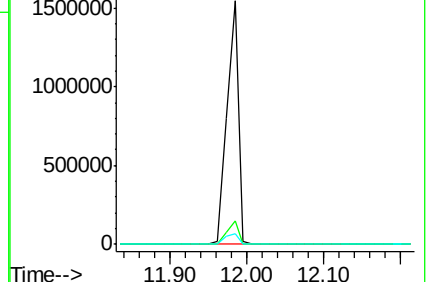
104 4.3 3.3 4.9



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: 26.30 ng

RT: 12.62 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

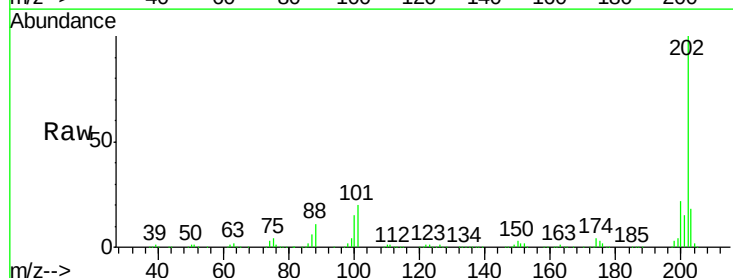
Tgt Ion:202 Resp: 1108213

Ion Ratio Lower Upper

202 100

101 19.8 0.0 31.1

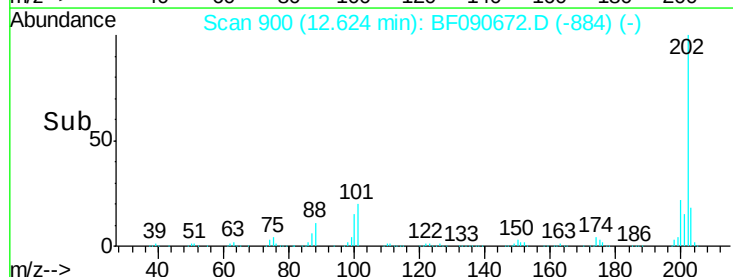
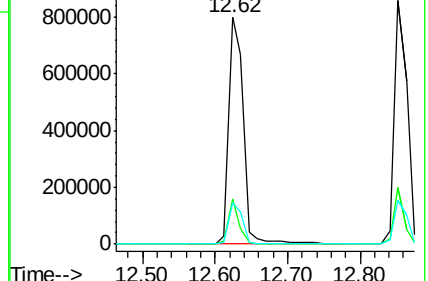
203 18.2 0.0 38.0

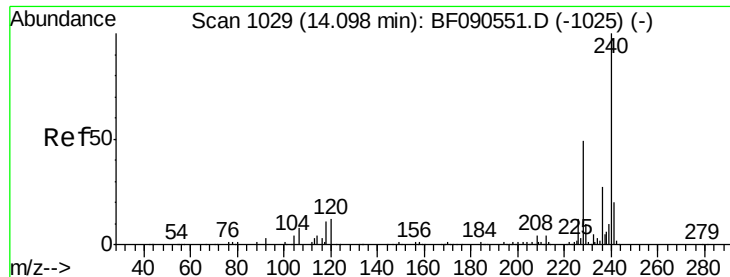


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

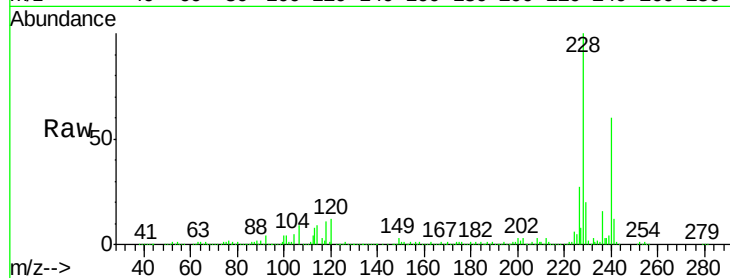
Tgt Ion:240 Resp: 539143

Ion Ratio Lower Upper

240 100

120 20.6 9.8 14.8#

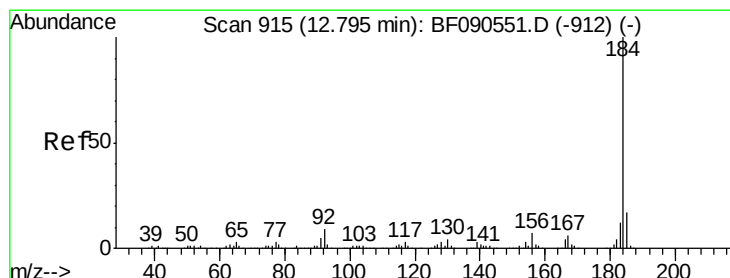
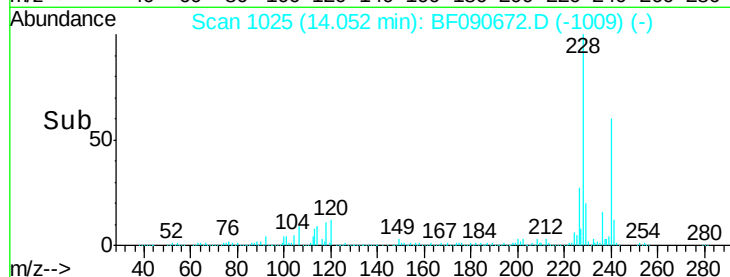
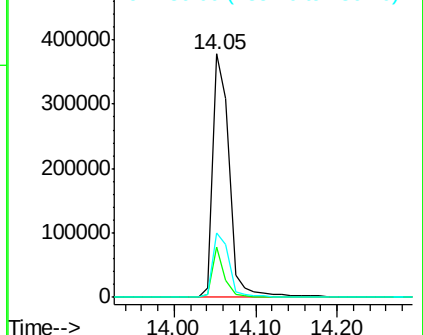
236 26.5 21.7 32.5



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: 16.74 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

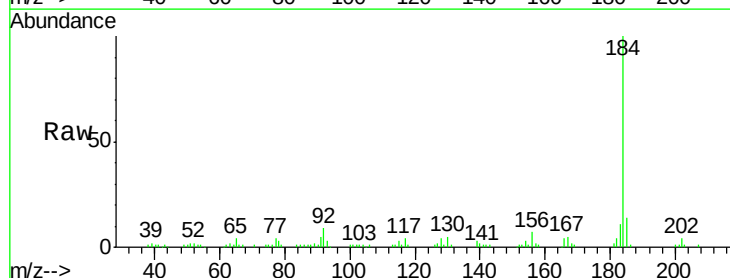
Tgt Ion:184 Resp: 224585

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

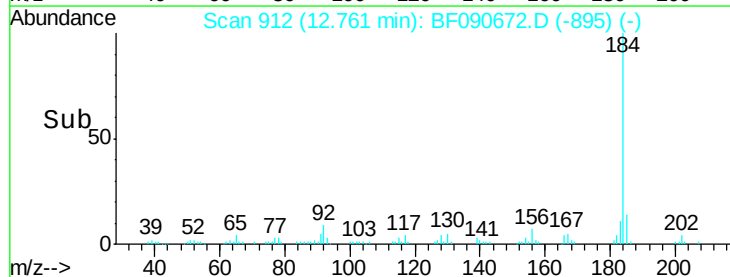
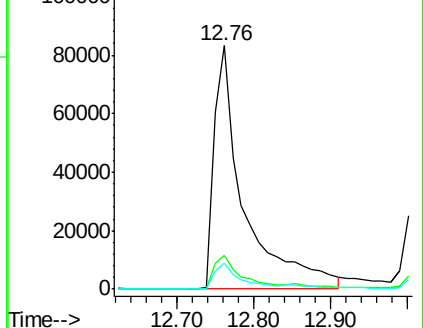
183 10.7 9.4 14.0

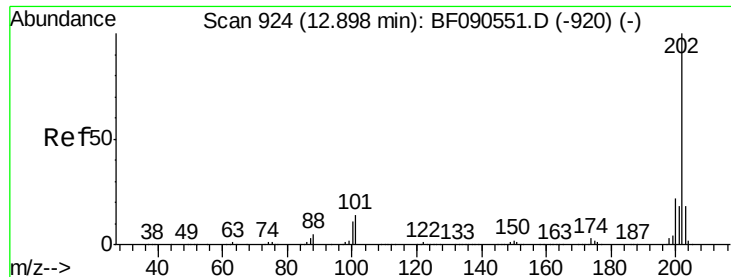


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



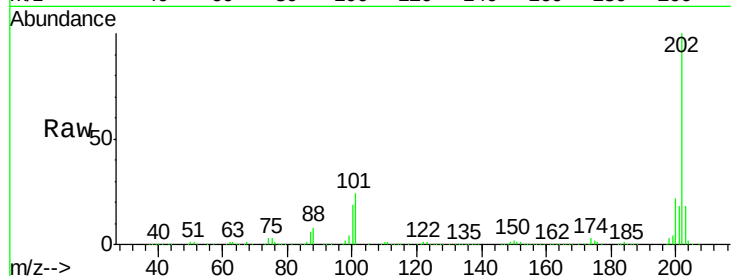


#77
 Pyrene
 Concen: 29.78 ng
 RT: 12.85 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

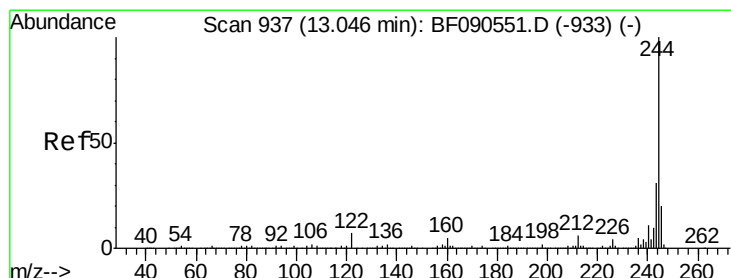
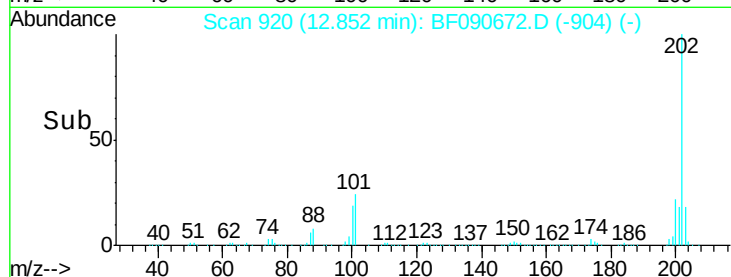
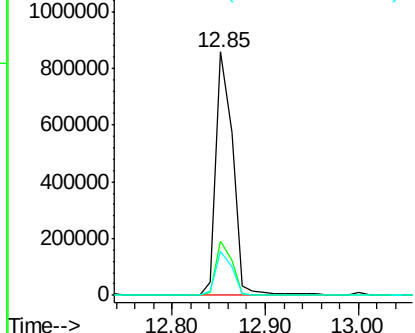
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

Tgt Ion: 202 Resp: 1063317

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	18.3	14.6	21.8



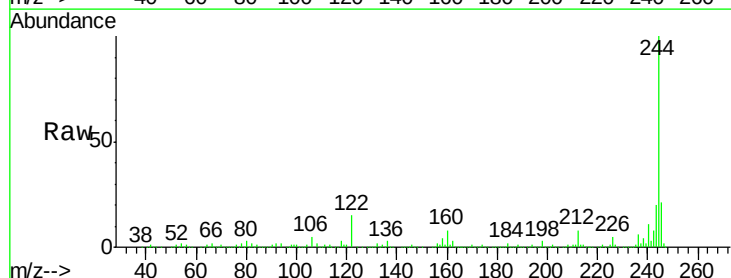
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



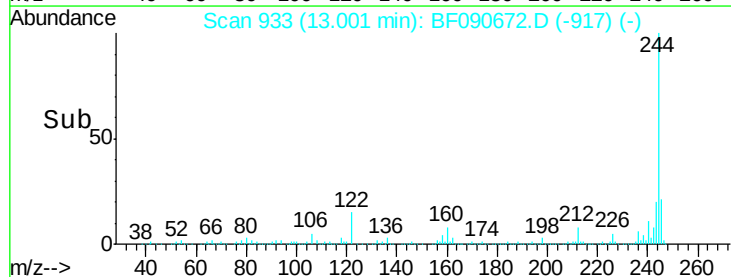
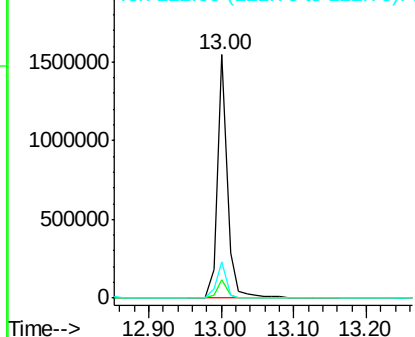
#78
 Terphenyl-d14
 Concen: 64.12 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

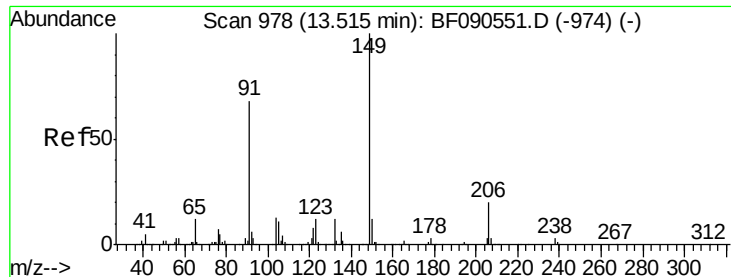
Tgt Ion: 244 Resp: 1484737

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.0	7.4#
122	14.8	5.6	8.4#



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

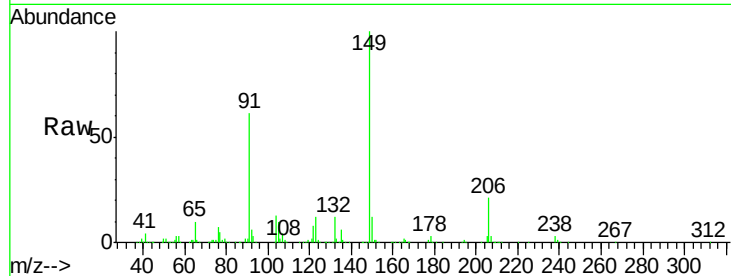




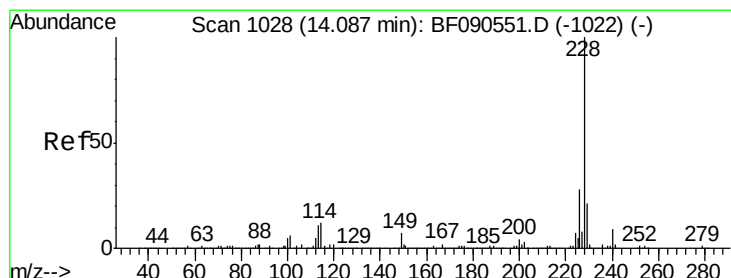
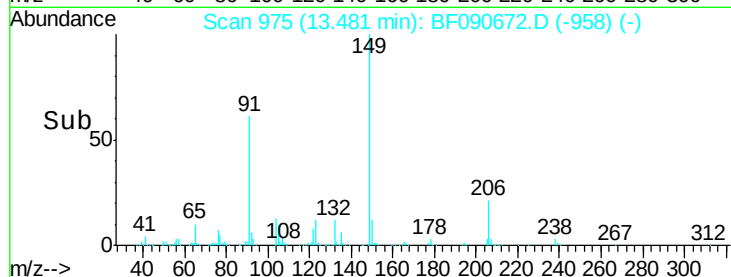
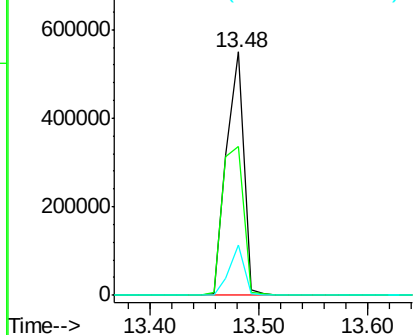
#79
Butylbenzylphthalate
Concen: 38.71 ng
RT: 13.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Instrument :
BNA_F
ClientSampleId :
PB94170BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.9	54.3	81.5
206	20.8	15.8	23.6

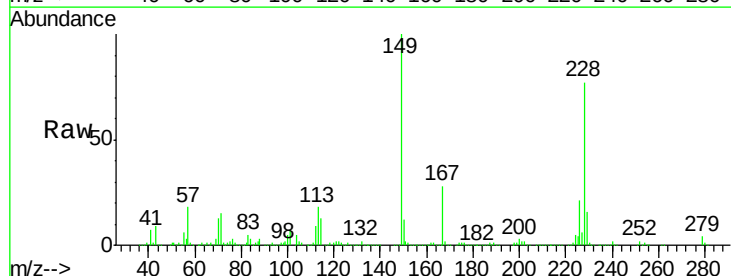


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

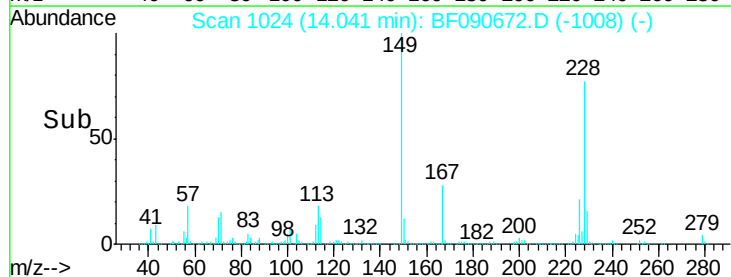
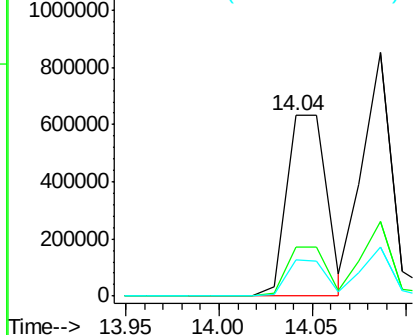


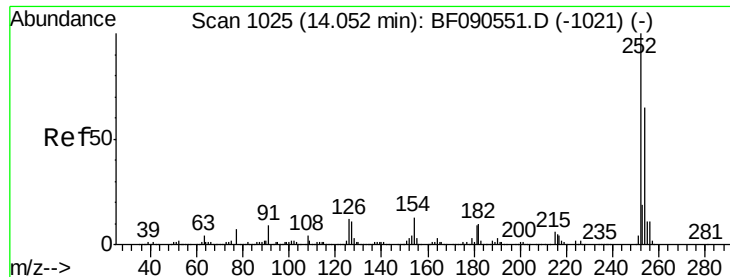
#80
Benzo(a)anthracene
Concen: 30.73 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF090672.D
Acq: 20 Oct 2016 3:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.8	34.2
229	20.3	16.6	25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

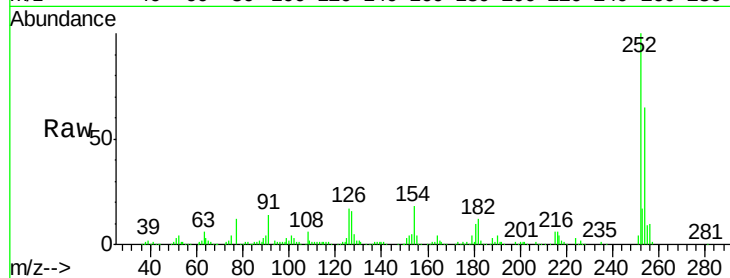




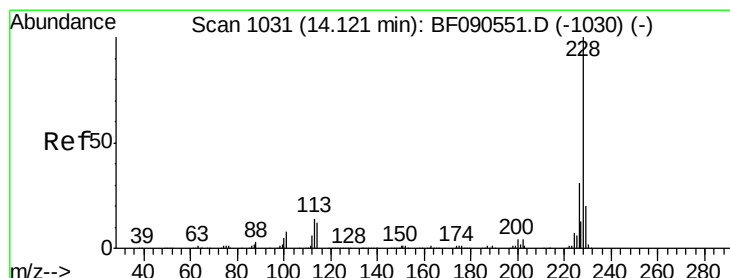
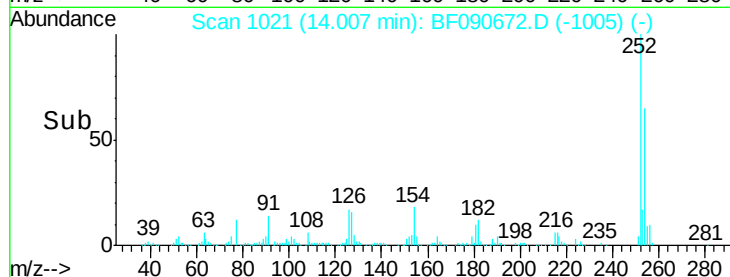
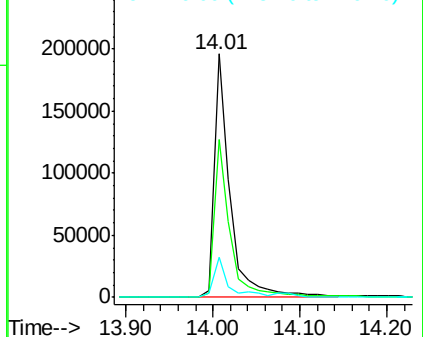
#81
 3,3'-Dichlorobenzidine
 Concen: 24.14 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	16.7	9.3	13.9

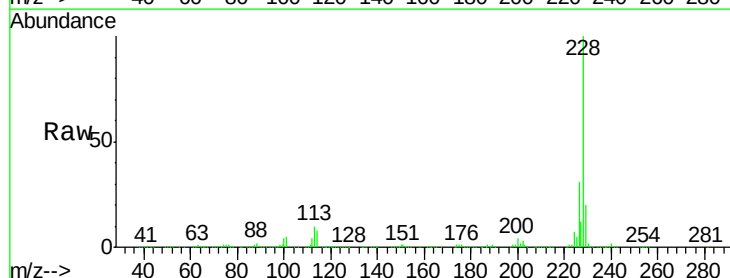


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

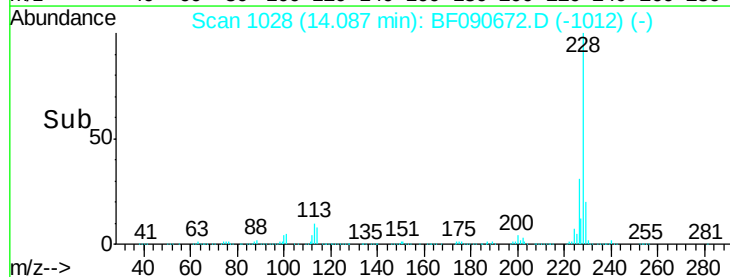
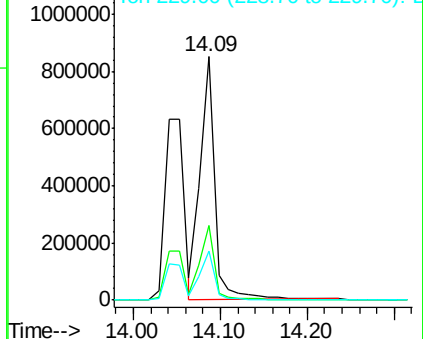


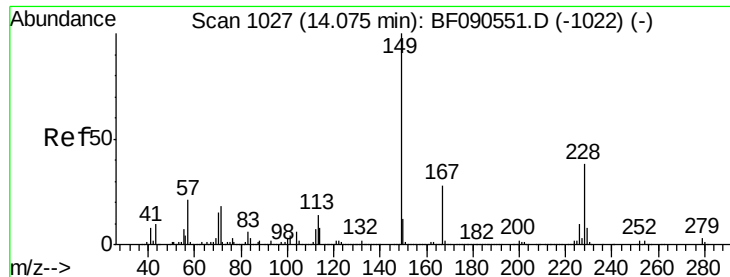
#82
 Chrysene
 Concen: 33.35 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	20.0	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.53 ng

RT: 14.04 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

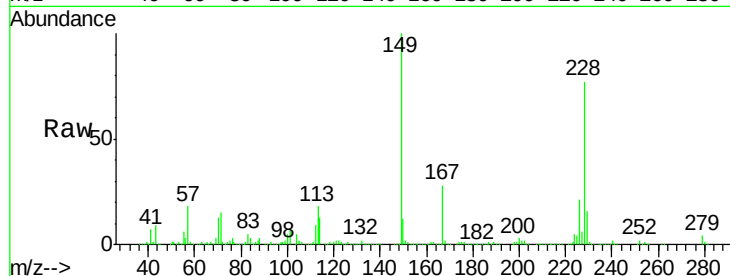
Tgt Ion:149 Resp: 843622

Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

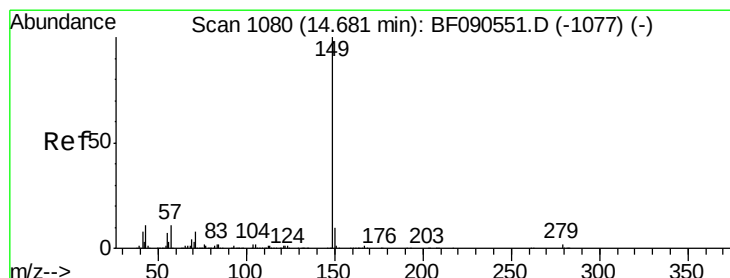
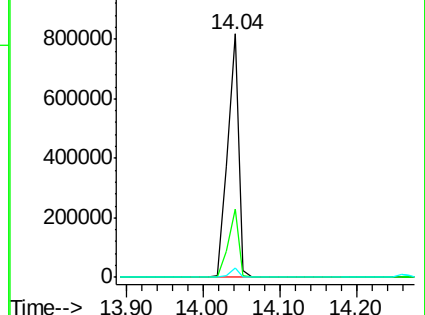
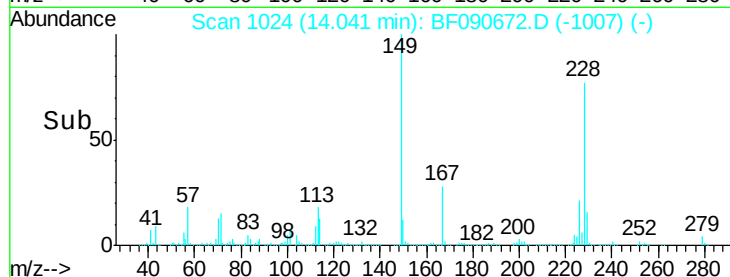
279 4.1 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.52 ng

RT: 14.65 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

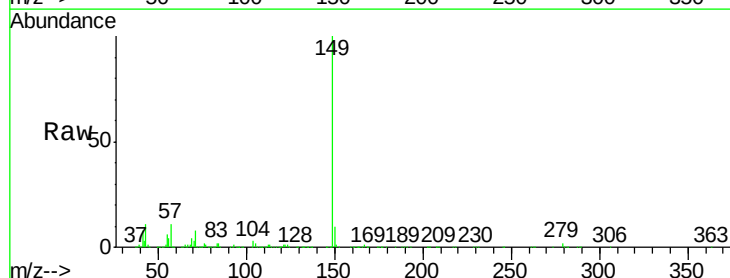
Tgt Ion:149 Resp: 1245375

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

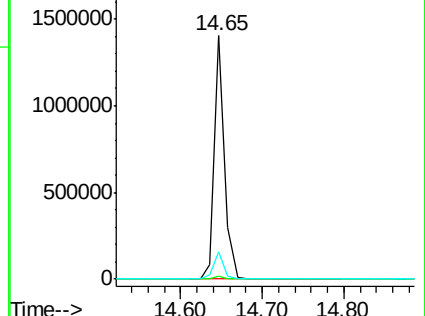
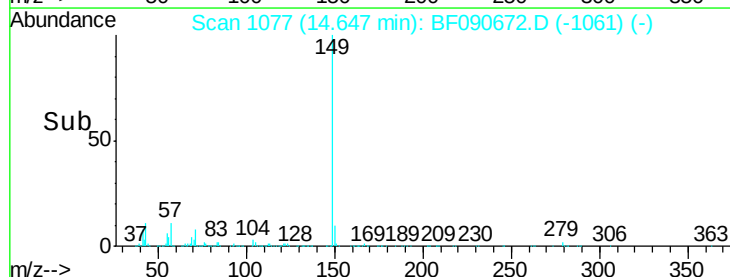
43 11.0 6.7 10.1#

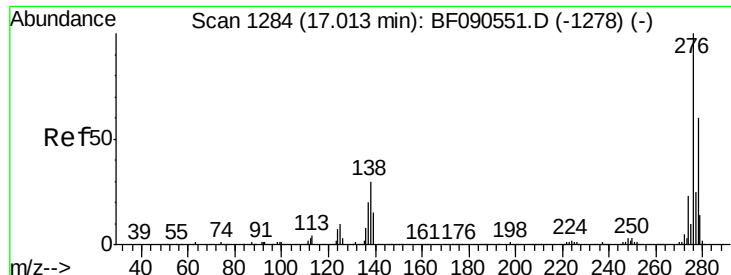


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

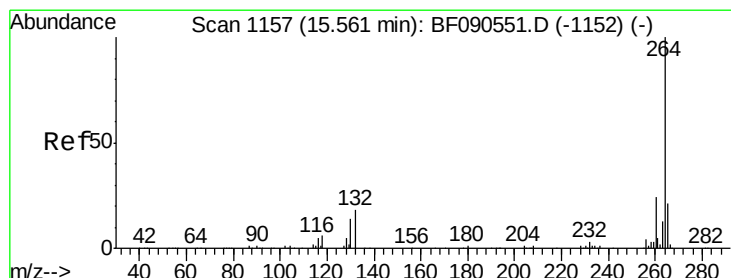
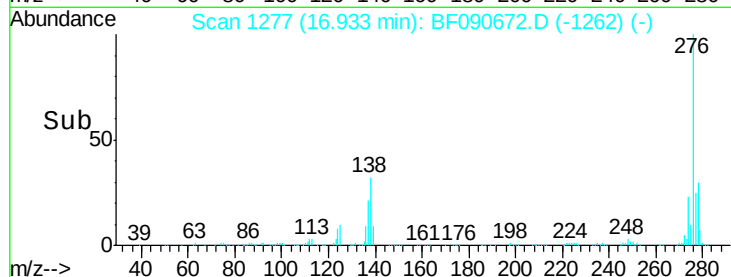
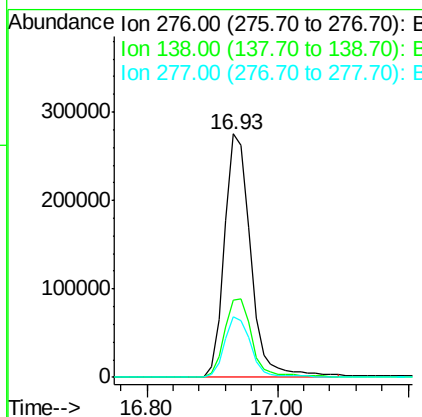
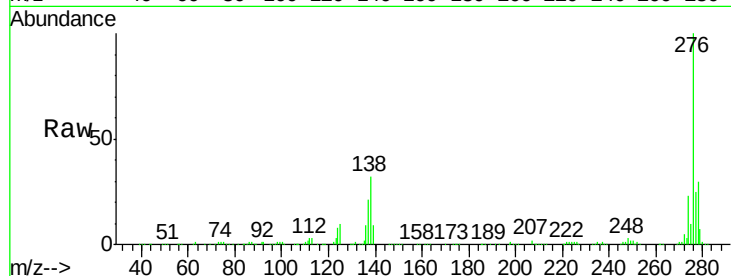




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.84 ng
 RT: 16.93 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

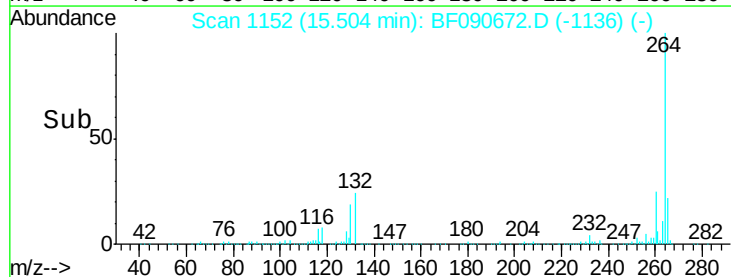
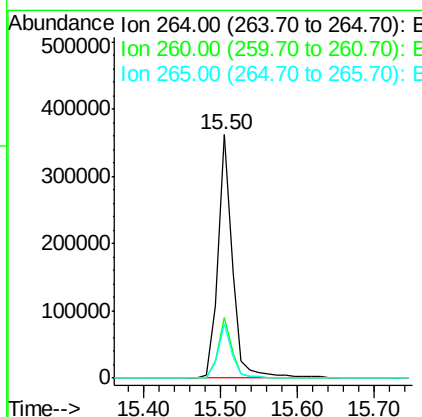
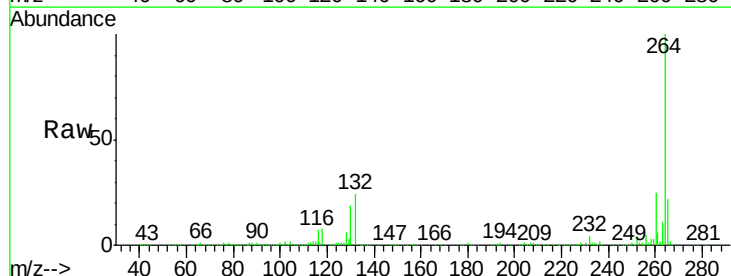
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BS

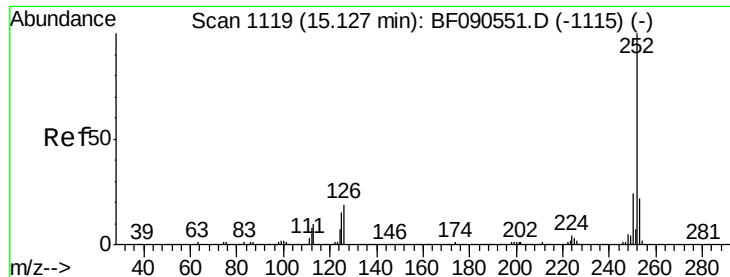
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.8	38.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090672.D
 Acq: 20 Oct 2016 3:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.1	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 29.65 ng

RT: 15.08 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

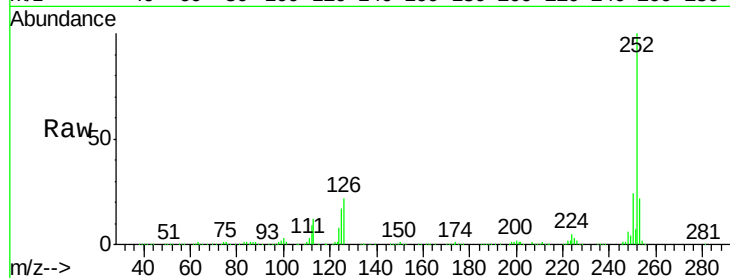
Tgt Ion:252 Resp: 931209

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

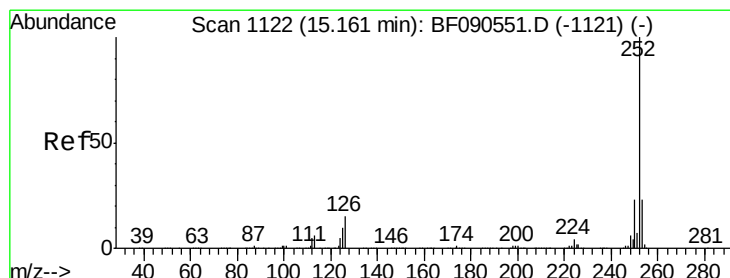
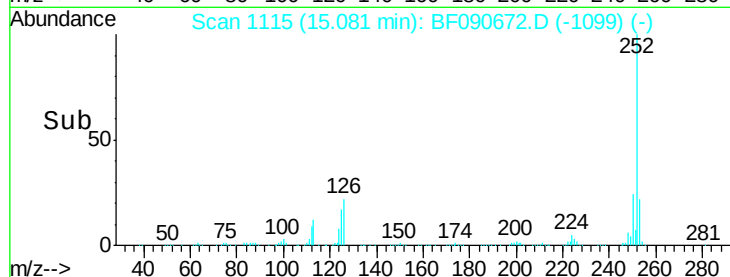
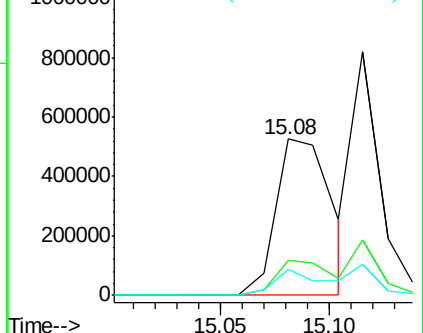
125 16.6 12.0 18.0



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



#88

Benzo(k)fluoranthene

Concen: 27.55 ng

RT: 15.08 min Scan# 1115

Delta R.T. -0.05 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

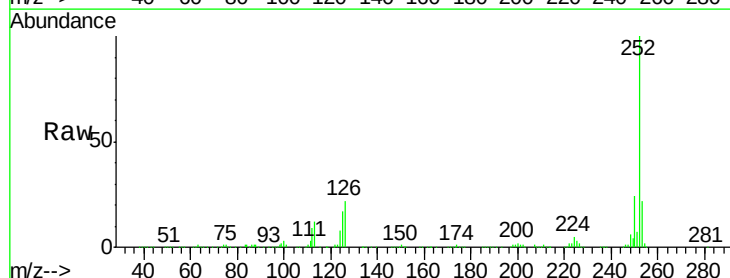
Tgt Ion:252 Resp: 931209

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

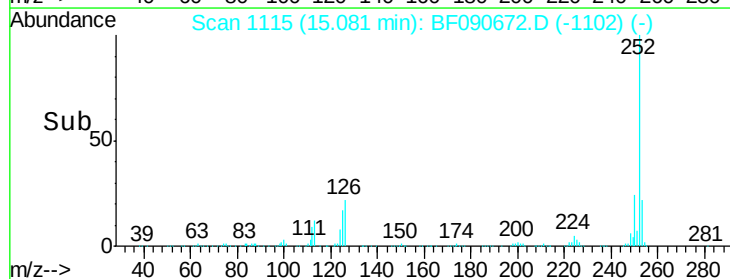
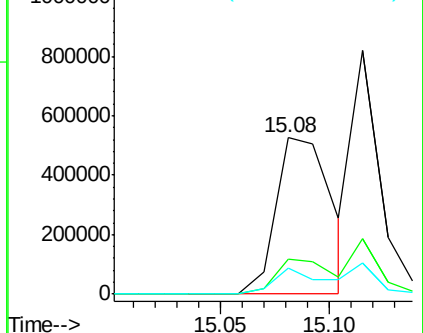
125 16.6 10.0 15.0#

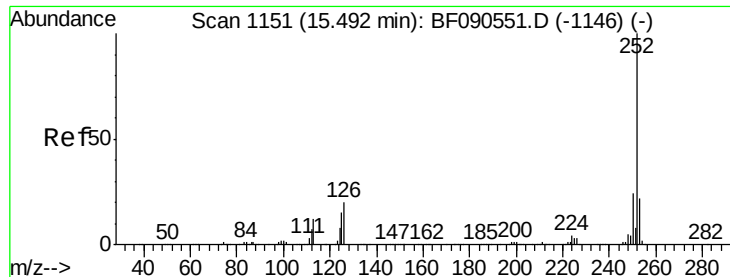


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 29.78 ng

RT: 15.45 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

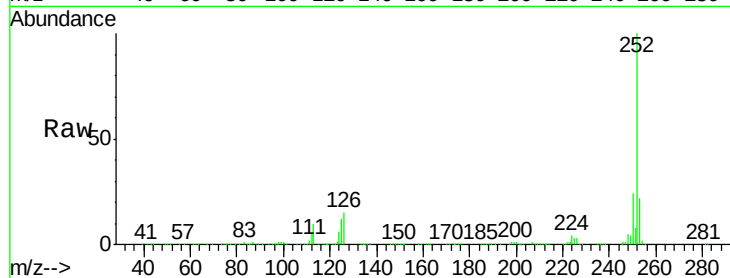
Tgt Ion: 252 Resp: 856382

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

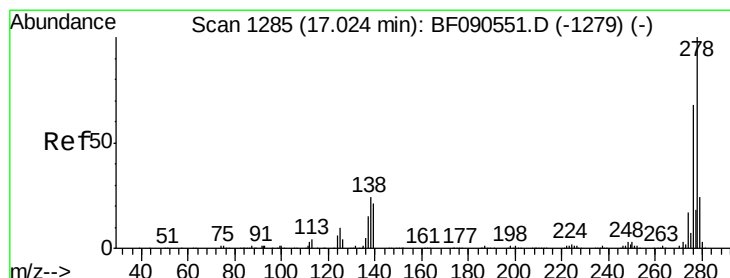
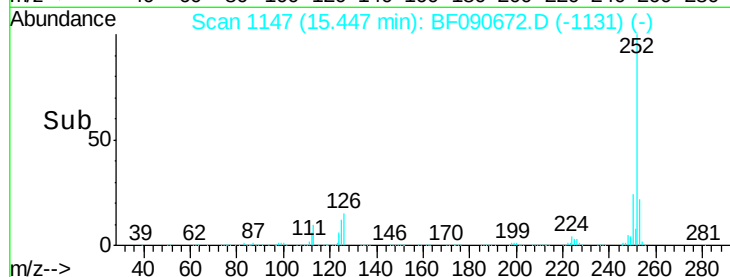
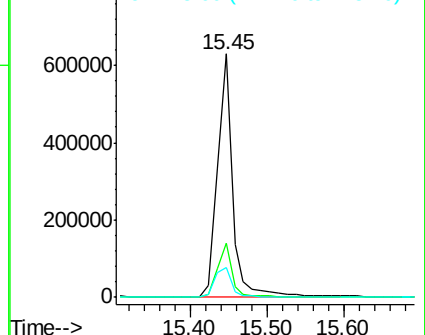
125 12.1 12.3 18.5#



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: 30.32 ng

RT: 16.96 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

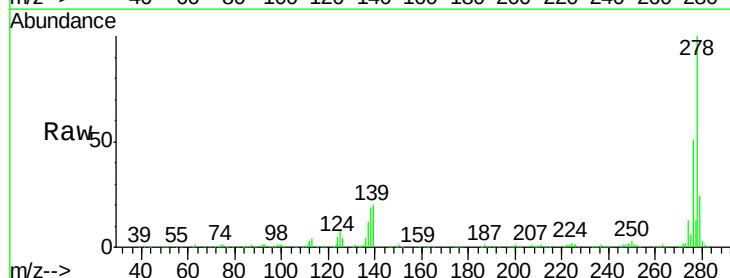
Tgt Ion: 278 Resp: 664909

Ion Ratio Lower Upper

278 100

139 19.7 16.6 25.0

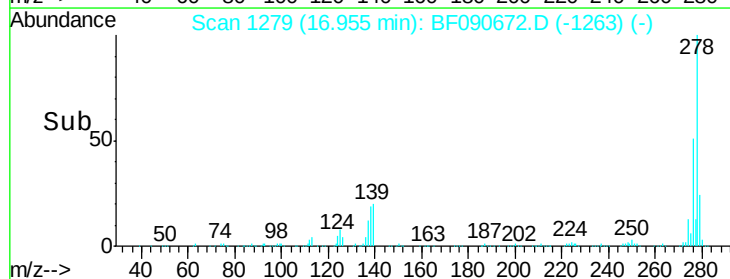
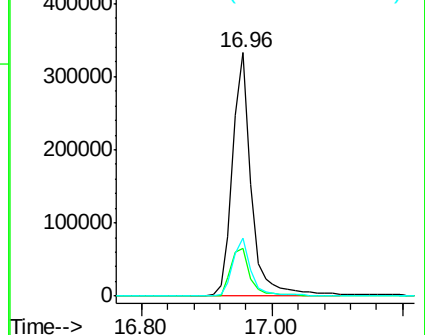
279 23.9 19.1 28.7

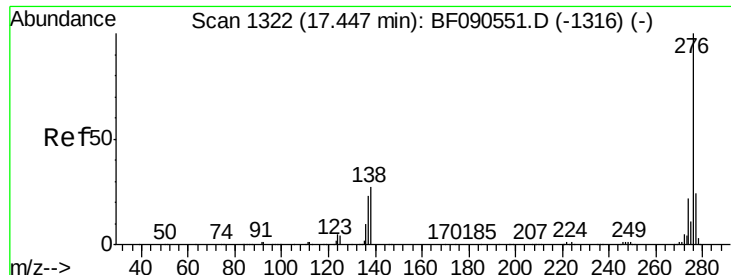


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.90 ng

RT: 17.37 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF090672.D

Acq: 20 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB94170BS

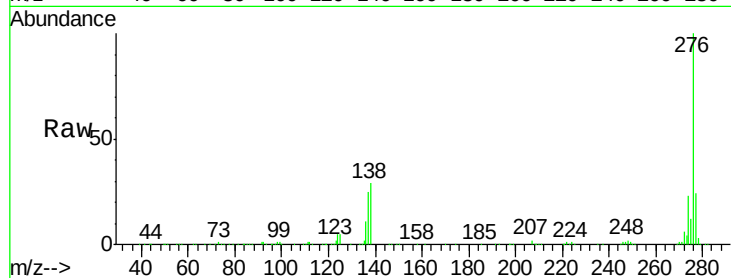
Tgt Ion: 276 Resp: 583466

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 28.8 21.8 32.8



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

