

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091140.D
 Acq On : 11 Nov 2016 15:16
 Operator : UM/SJ
 Sample : PB94464BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 18:18:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	491854	20.00	ng	0.14
21) Naphthalene-d8	7.93	136	648531	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	361111	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	638673	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	612854	20.00	ng	-0.02
86) Perylene-d12	15.15	264	457660	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	620309	20.83	ng	0.00
7) Phenol-d6	6.29	99	768133	19.00	ng	-0.02
23) Nitrobenzene-d5	7.22	82	962444	80.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	199395	61.08	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1653283	78.82	ng	-0.02
78) Terphenyl-d14	12.74	244	1591716	64.81	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.21	88	164065	9.63	ng	# 94
3) Pyridine	2.85	79	439884	11.04	ng	89
4) n-Nitrosodimethylamine	2.81	42	154889	9.83	ng	89
6) Aniline	6.38	93	422574	8.86	ng	# 44
8) 2-Chlorophenol	6.43	128	422370	11.89	ng	85
10) Phenol	6.30	94	472809	10.57	ng	89
11) bis(2-Chloroethyl)ether	6.38	93	422574	11.21	ng	90
12) 1,3-Dichlorobenzene	6.66	146	452057	12.58	ng	96
13) 1,4-Dichlorobenzene	6.66	146	453037	11.75	ng	96
14) 1,2-Dichlorobenzene	6.81	146	403222	11.40	ng	96
15) Benzyl Alcohol	6.80	79	317249	11.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	471870	8.74	ng	86
17) 2-Methylphenol	6.92	107	326623	11.61	ng	99
19) n-Nitroso-di-n-propylamine	7.07	70	306481	10.94	ng	93
20) 3+4-Methylphenols	7.08	107	439504	13.02	ng	94
22) Acetophenone	7.06	105	562654	37.68	ng	# 94
24) Nitrobenzene	7.23	77	450407	34.30	ng	93
25) Isophorone	7.48	82	790043	34.49	ng	# 93
26) 2-Nitrophenol	7.55	139	210186	37.83	ng	# 82
27) 2,4-Dimethylphenol	7.61	122	362667	39.47	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	460789	36.82	ng	99
29) 2,4-Dichlorophenol	7.80	162	339269	42.30	ng	95
30) 1,2,4-Trichlorobenzene	7.87	180	351759	39.01	ng	99
31) Naphthalene	7.95	128	1144387	36.90	ng	100
32) Benzoic acid	7.76	122	169662	26.24	ng	89
33) 4-Chloroaniline	8.02	127	186907	14.49	ng	99
34) Hexachlorobutadiene	8.08	225	207432	42.62	ng	98
35) Caprolactam	8.38	113	63422	25.17	ng	# 71
36) 4-Chloro-3-methylphenol	8.51	107	357477	36.82	ng	93
37) 2-Methylnaphthalene	8.65	142	832555	41.76	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	339119	36.83	ng	99
40) Hexachlorocyclopentadiene	8.80	237	289642	81.01	ng	98
42) 2,4,6-Trichlorophenol	8.93	196	227284	38.24	ng	98
43) 2,4,5-Trichlorophenol	8.98	196	252741	40.50	ng	97

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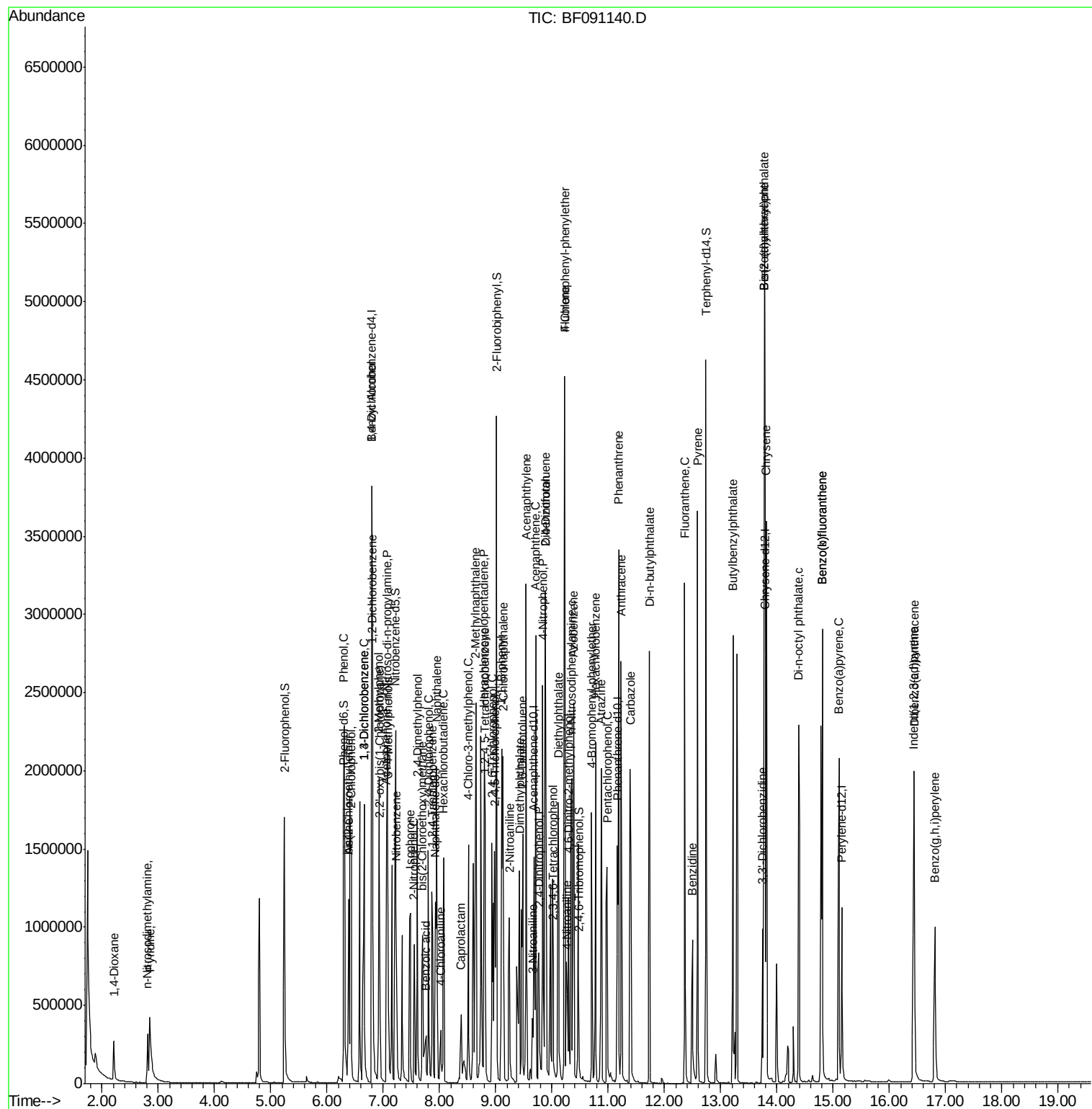
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.10	154	897754	34.05	nq	99
46) 2-Chloronaphthalene	9.13	162	715434	35.74	nq	98
47) 2-Nitroaniline	9.24	65	273369	36.80	nq	# 79
48) Acenaphthylene	9.54	152	1115143	35.74	nq	100
49) Dimethylphthalate	9.42	163	918529	38.79	nq	98
50) 2,6-Dinitrotoluene	9.48	165	221262	43.60	nq	# 70
51) Acenaphthene	9.71	154	666502	34.03	nq	99
52) 3-Nitroaniline	9.65	138	117913	19.59	nq	80
53) 2,4-Dinitrophenol	9.77	184	177162	65.34	nq	89
54) Dibenzofuran	9.88	168	1023753	38.83	nq	97
55) 4-Nitrophenol	9.84	139	271632	68.65	nq	# 80
56) 2,4-Dinitrotoluene	9.88	165	261270	40.47	nq	# 60
57) Fluorene	10.22	166	781846	36.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	189410	38.74	nq	98
59) Diethylphthalate	10.11	149	900616	37.10	nq	96
60) 4-Chlorophenyl-phenylether	10.22	204	419617	42.78	nq	93
61) 4-Nitroaniline	10.27	138	222589	36.56	nq	90
62) Azobenzene	10.38	77	1120121	39.19	nq	95
64) 4,6-Dinitro-2-methylphenol	10.29	198	140503	35.93	nq	# 44
65) n-Nitrosodiphenylamine	10.35	169	764394	37.65	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	221589	33.36	nq	93
67) Hexachlorobenzene	10.77	284	269196	36.74	nq	98
68) Atrazine	10.88	200	214400	36.61	nq	97
69) Pentachlorophenol	10.98	266	244186	75.25	nq	99
70) Phenanthrene	11.18	178	1311366	38.62	nq	100
71) Anthracene	11.23	178	1238949	34.32	nq	100
72) Carbazole	11.39	167	1147959	35.29	nq	100
73) Di-n-butylphthalate	11.73	149	1479682	36.17	nq	99
74) Fluoranthene	12.36	202	1214452	34.49	nq	98
76) Benzidine	12.50	184	552261	40.34	nq	97
77) Pyrene	12.59	202	1335574	33.28	nq	100
79) Butylbenzylphthalate	13.22	149	641866	33.43	nq	93
80) Benzo(a)anthracene	13.78	228	1171651	33.67	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	210971	17.26	nq	# 97
82) Chrysene	13.81	228	1175061	34.25	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	789514	30.39	nq	# 99
84) Di-n-octyl phthalate	14.39	149	1441018	33.73	nq	96
85) Indeno(1,2,3-cd)pyrene	16.43	276	952853	33.47	nq	97
87) Benzo(b)fluoranthene	14.81	252	2235625	72.02	nq	99
88) Benzo(k)fluoranthene	14.81	252	2237633	82.18	nq	# 97
89) Benzo(a)pyrene	15.11	252	1027807	38.04	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	815840	34.92	nq	97
91) Benzo(g,h,i)perylene	16.81	276	743154	35.18	nq	97

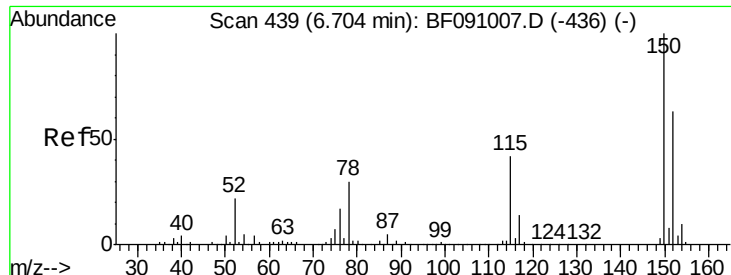
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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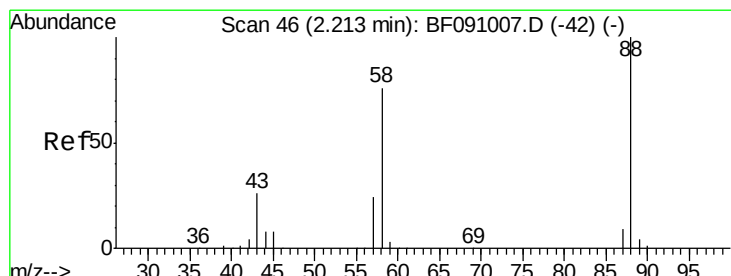
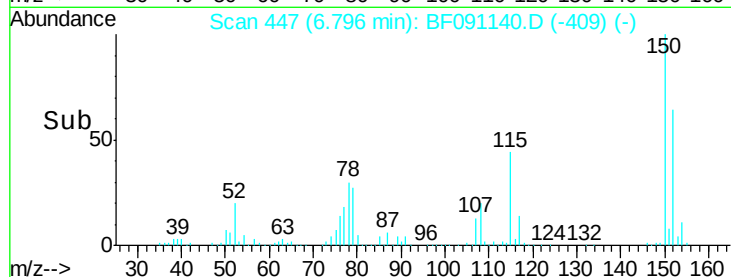
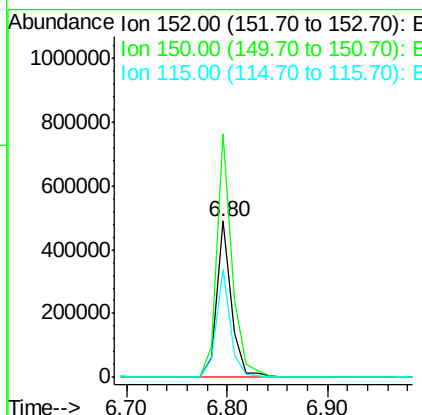
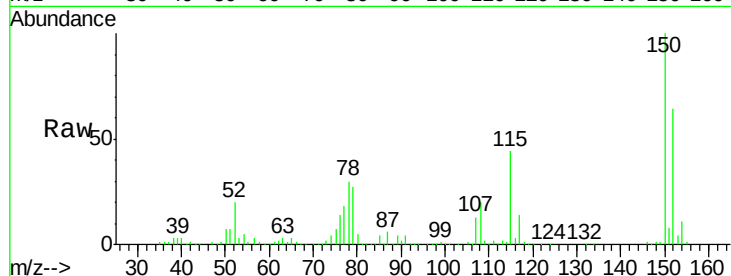


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampled :

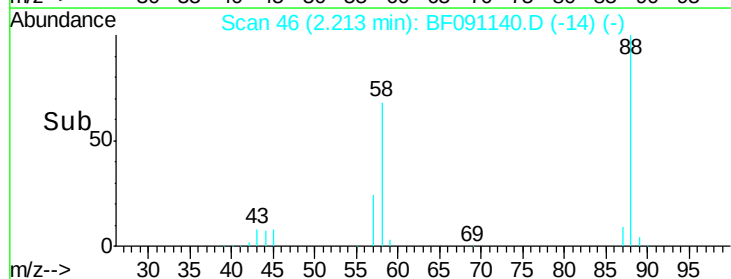
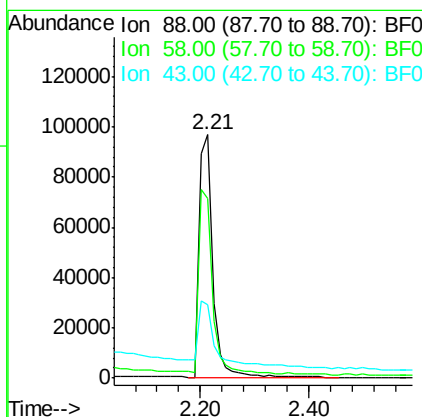
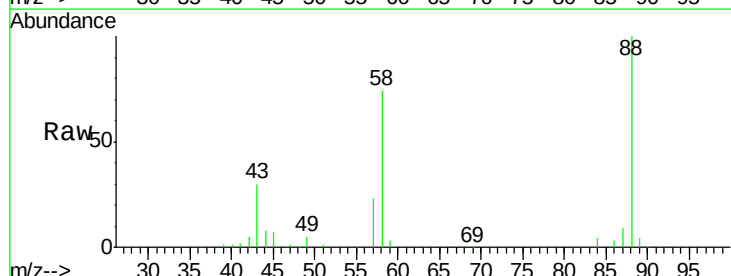
Tot Ion:152 Resp: 491854
Ion Ratio Lower Upper
152 100
150 155.7 126.8 190.2
115 68.9 53.3 79.9

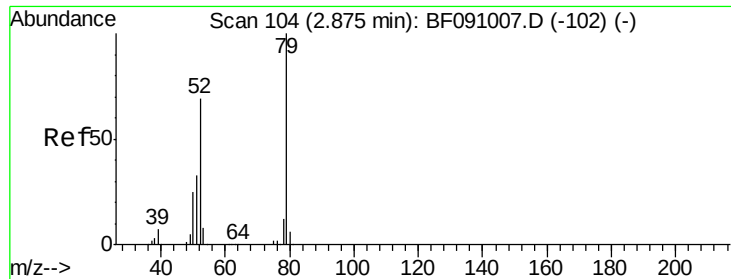


#2

1,4-Dioxane
Concen: 9.63 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.07 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion: 88 Resp: 164065
Ion Ratio Lower Upper
88 100
58 80.1 63.8 95.6
43 38.7 22.6 33.8#





#3

Pvridine

Concen: 11.04 ng

RT: 2.85 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

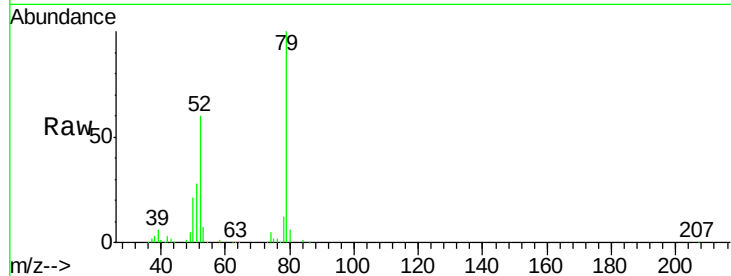
Tot Ion: 79 Resp: 439884

Ion Ratio Lower Upper

79 100

52 60.3 55.4 83.0

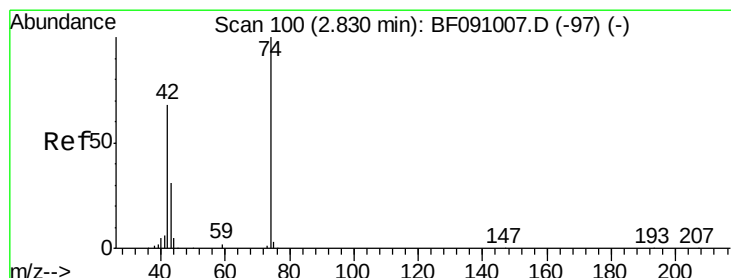
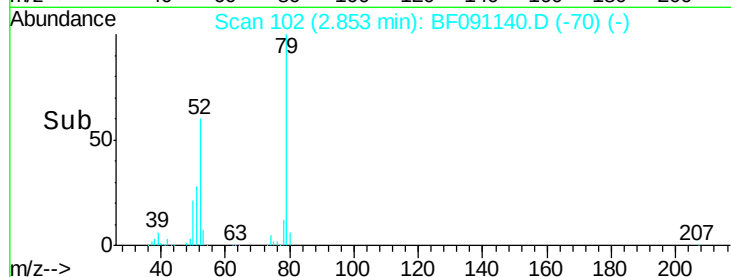
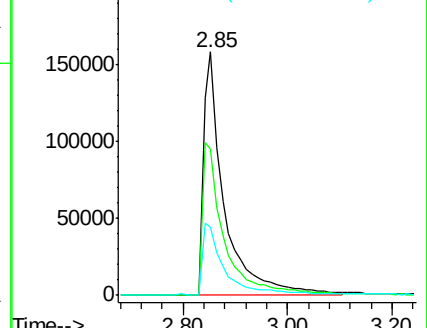
51 28.3 27.4 41.0



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: 9.83 ng

RT: 2.81 min Scan# 98

Delta R.T. 0.06 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

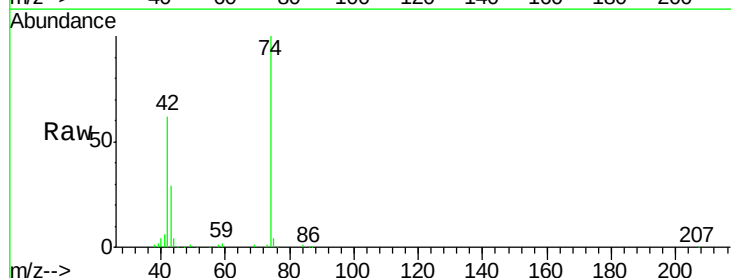
Tgt Ion: 42 Resp: 154889

Ion Ratio Lower Upper

42 100

74 161.1 117.3 175.9

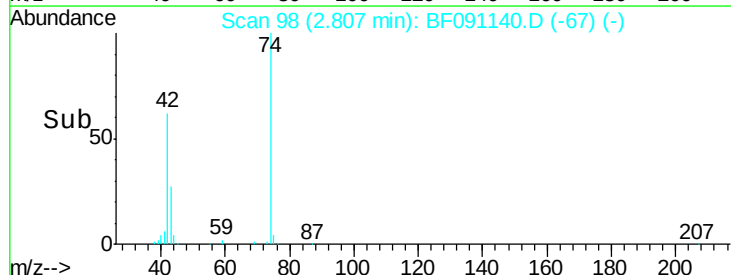
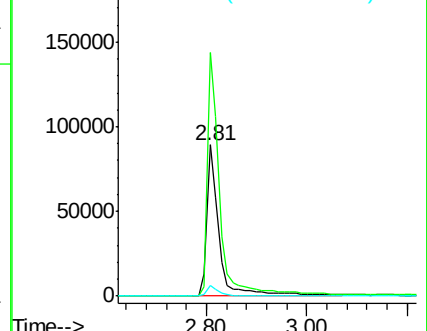
44 7.2 5.8 8.8

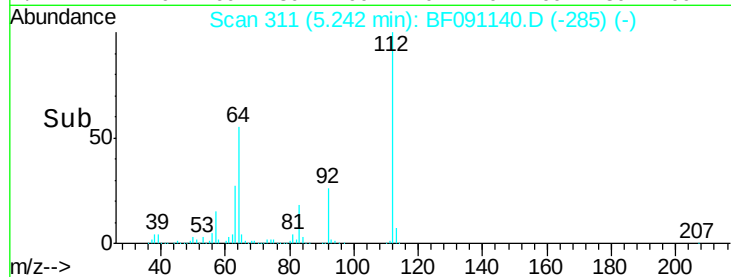
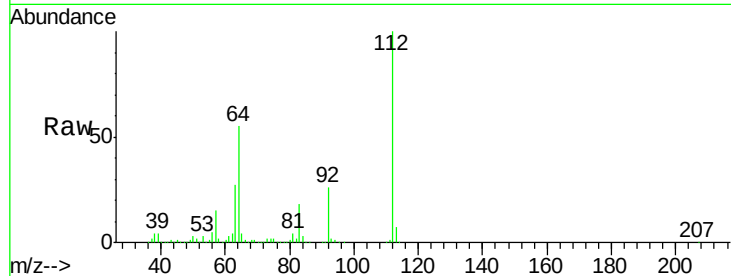
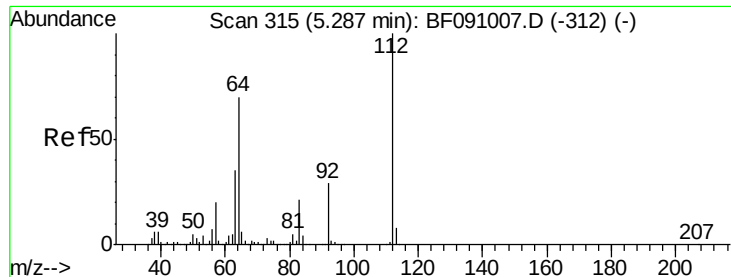


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 20.83 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

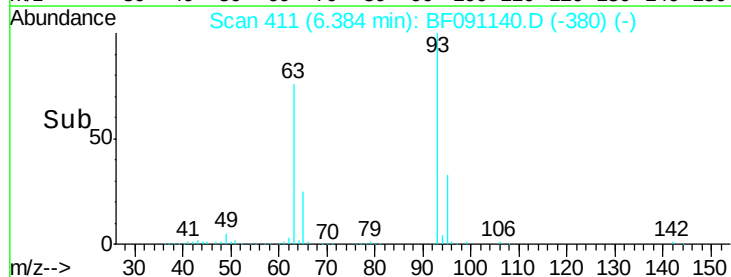
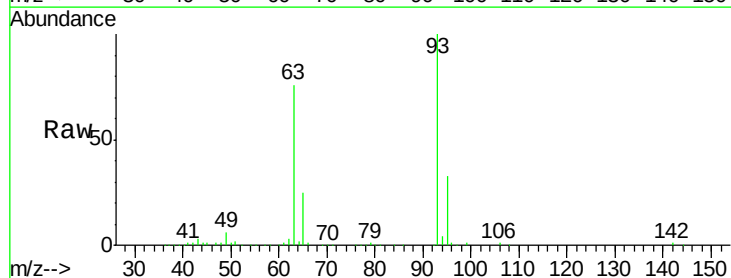
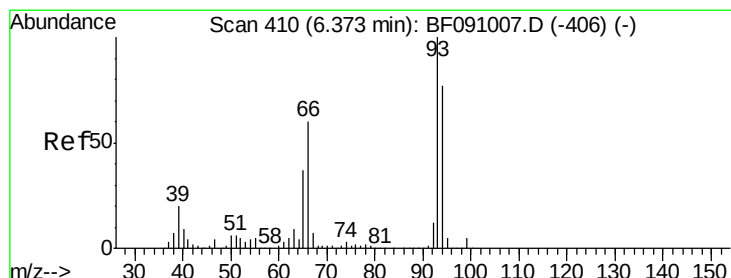
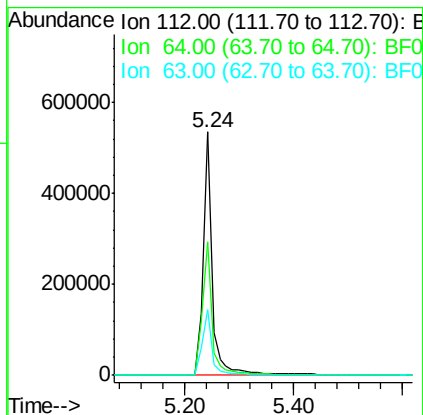
Tot Ion:112 Resp: 620309

Ion Ratio Lower Upper

112 100

64 54.8 55.8 83.6#

63 26.8 28.0 42.0#



#6

Aniline

Concen: 8.86 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.06 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

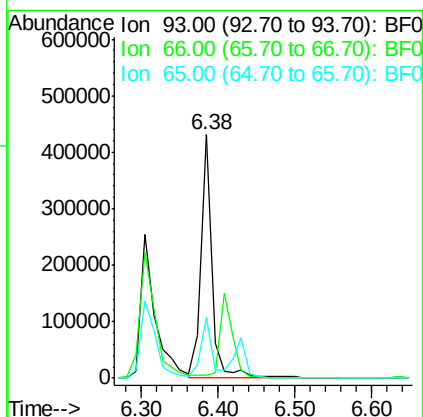
Tgt Ion: 93 Resp: 422574

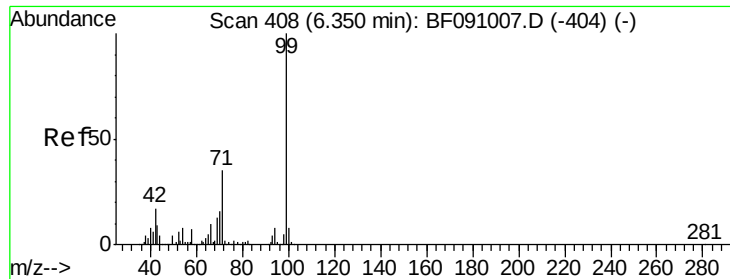
Ion Ratio Lower Upper

93 100

66 1.2 48.2 72.2#

65 24.7 29.4 44.0#





#7

Phenol-d6

Concen: 19.00 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

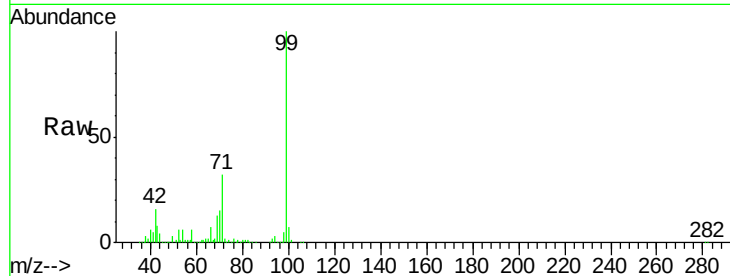
Tot Ion: 99 Resp: 768133

Ion Ratio Lower Upper

99 100

42 15.6 13.9 20.9

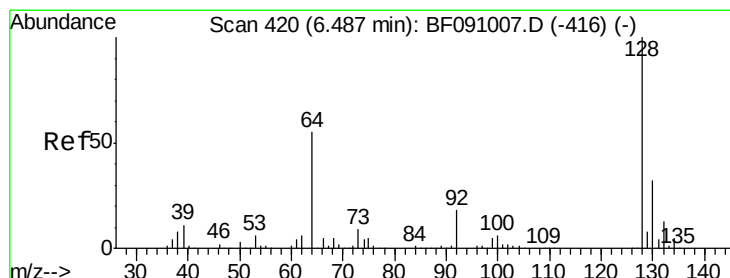
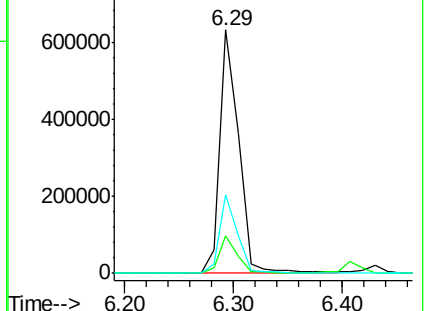
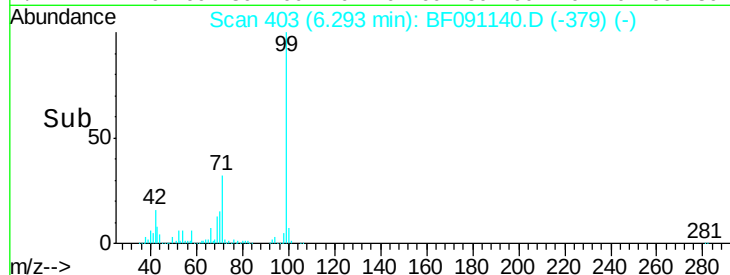
71 32.4 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 11.89 ng

RT: 6.43 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

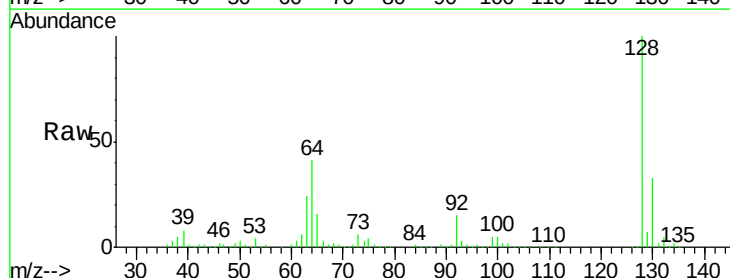
Tgt Ion: 128 Resp: 422370

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

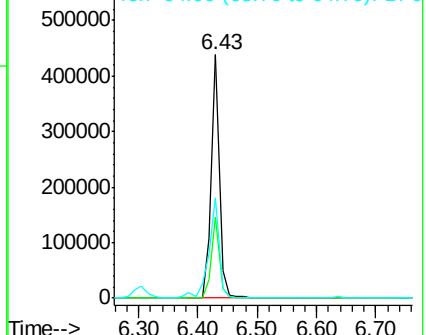
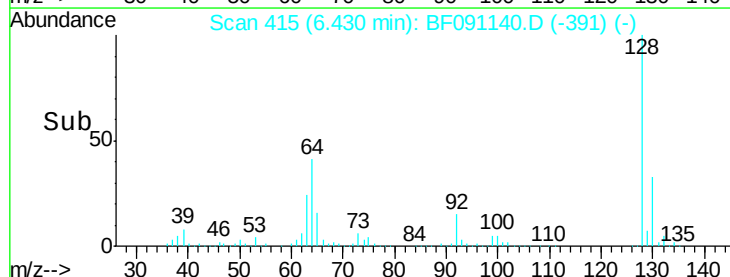
64 41.2 37.2 77.2

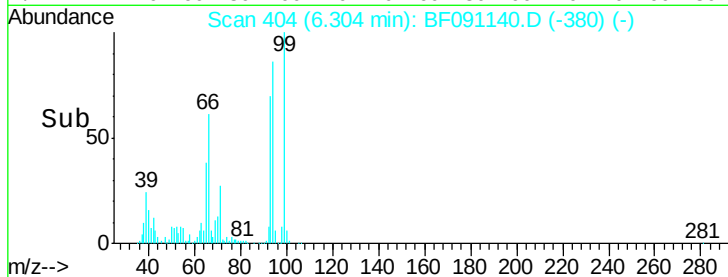
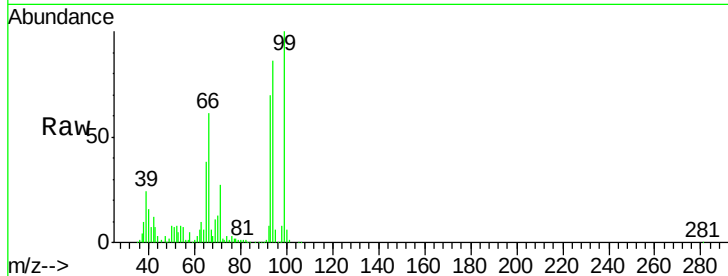
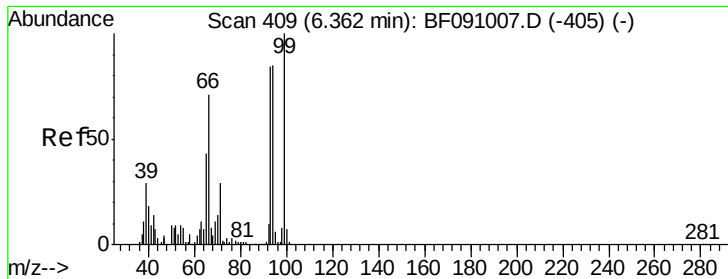


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 10.57 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampled :

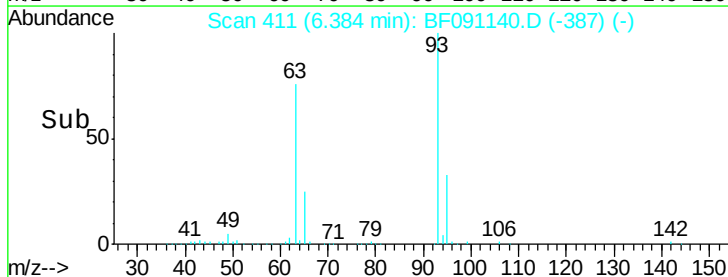
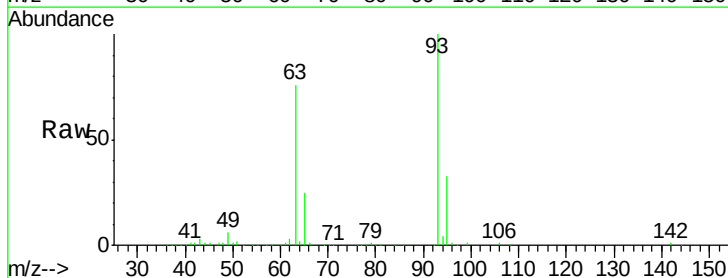
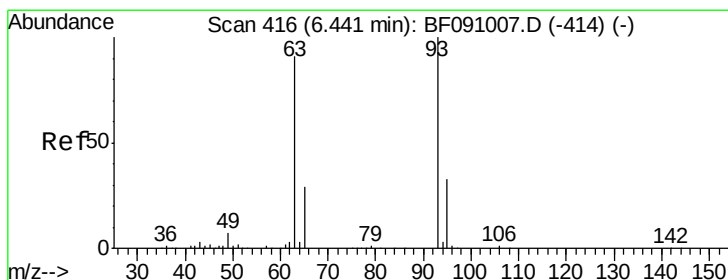
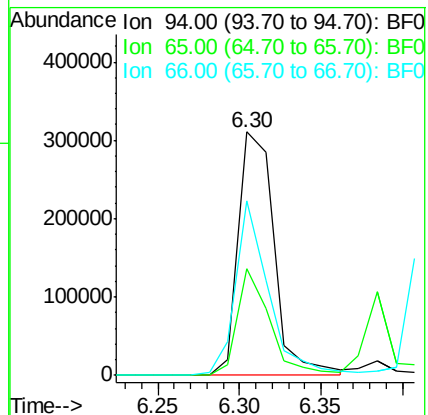
Tot Ion: 94 Resp: 472809

Ion Ratio Lower Upper

94 100

65 44.0 30.4 70.4

66 71.5 62.9 102.9



#11

bis(2-Chloroethyl)ether

Concen: 11.21 ng

RT: 6.38 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

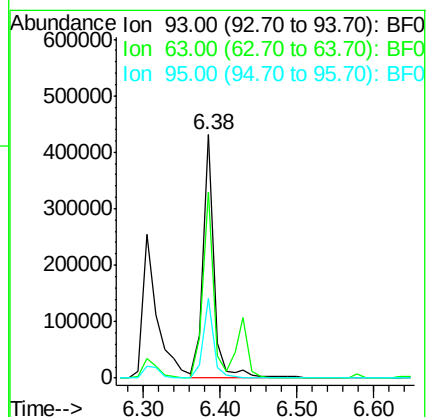
Tgt Ion: 93 Resp: 422574

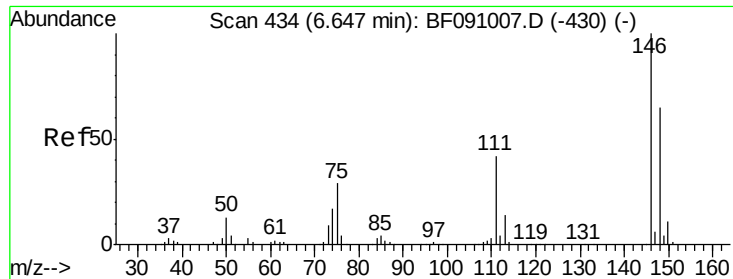
Ion Ratio Lower Upper

93 100

63 76.3 68.9 108.9

95 32.7 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 12.58 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.06 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

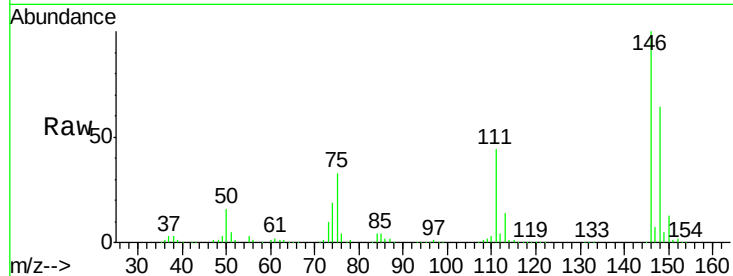
Tot Ion:146 Resp: 452057

Ion Ratio Lower Upper

146 100

148 63.9 52.0 78.0

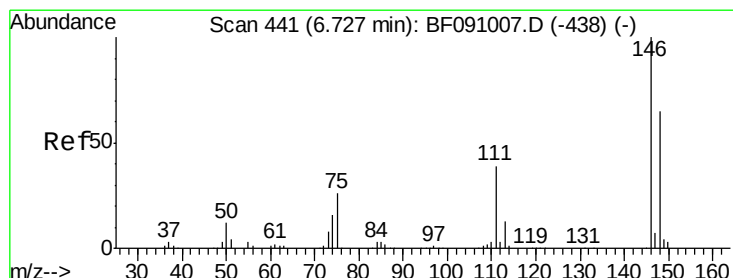
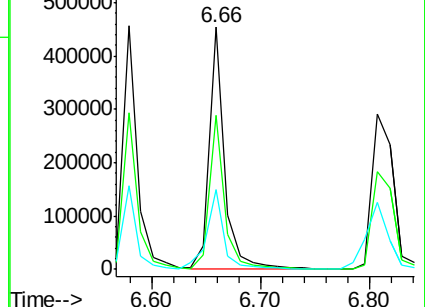
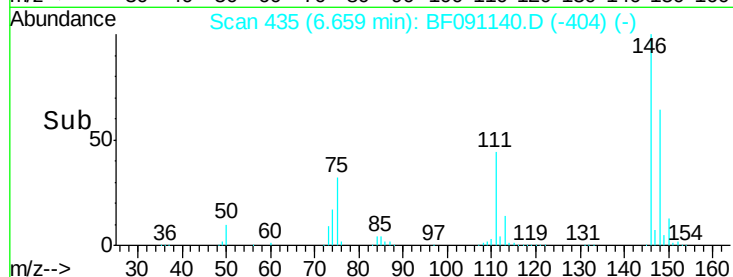
75 33.2 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 11.75 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

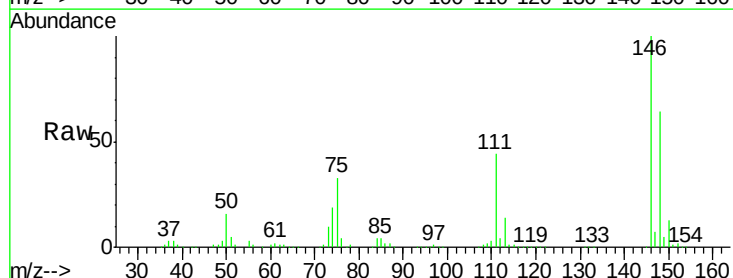
Tgt Ion:146 Resp: 453037

Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

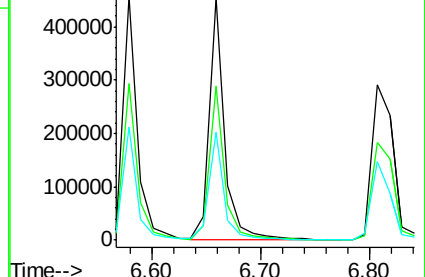
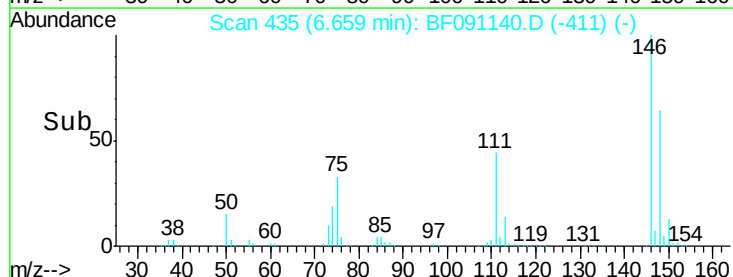
111 44.5 31.6 47.4

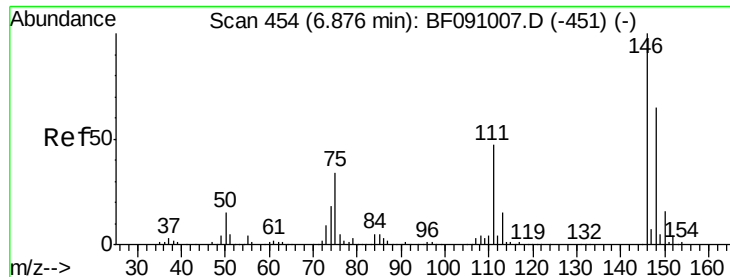


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

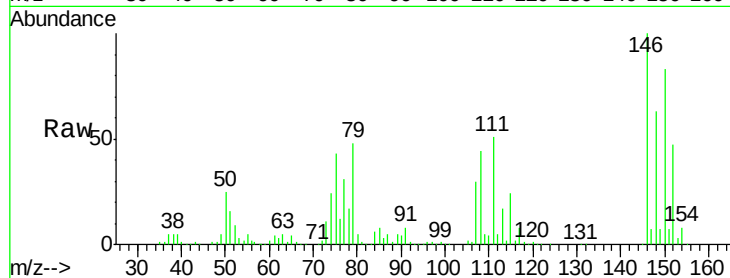




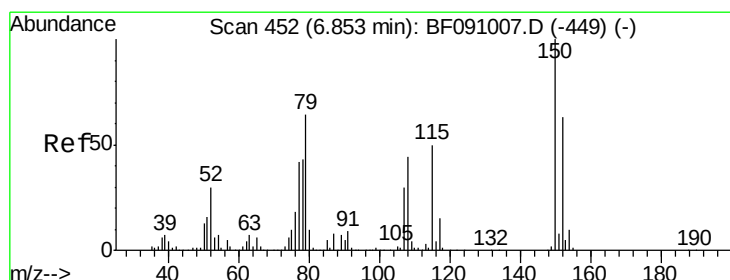
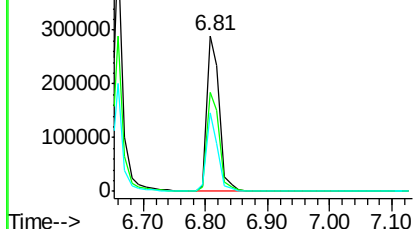
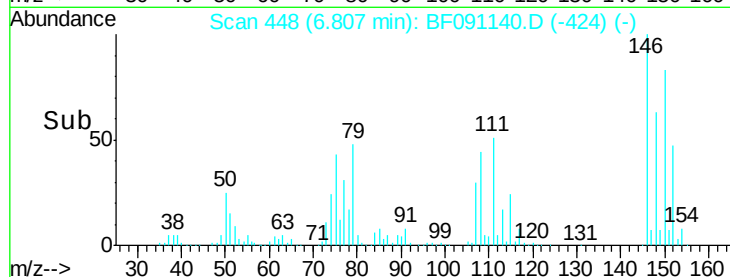
#14
 1,2-Dichlorobenzene
 Concen: 11.40 ng
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 403222
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 50.8 37.3 55.9

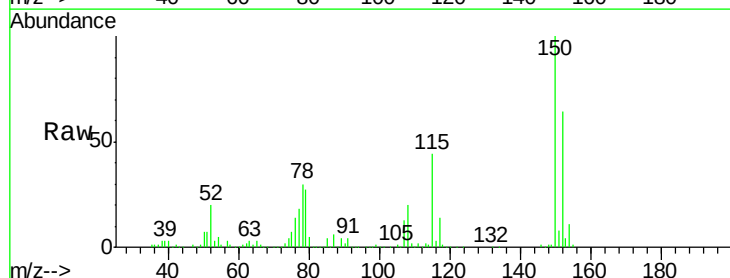


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

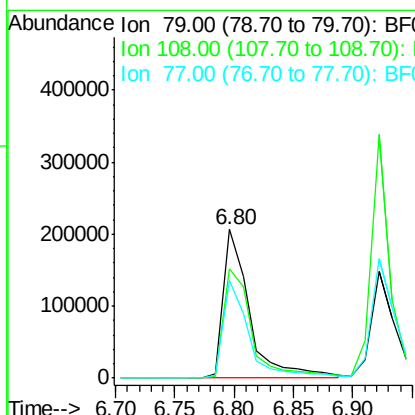
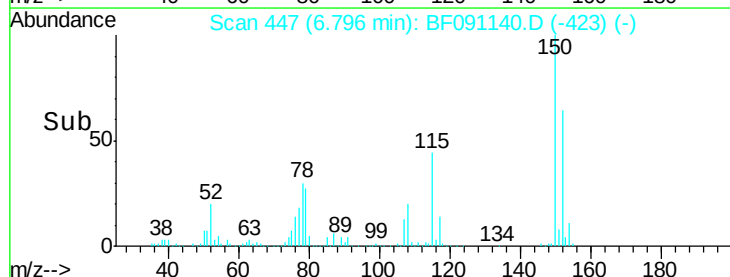


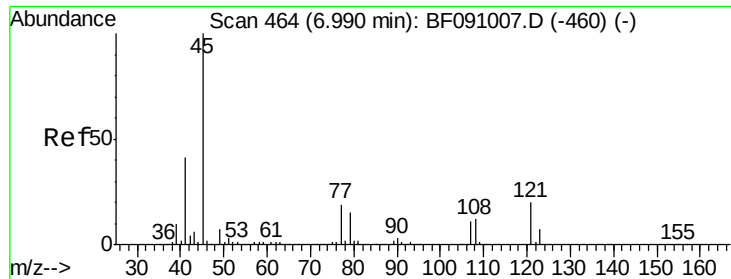
#15
 Benzyl Alcohol
 Concen: 11.13 ng
 RT: 6.80 min Scan# 447
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion: 79 Resp: 317249
 Ion Ratio Lower Upper
 79 100
 108 73.8 55.7 83.5
 77 66.0 52.6 79.0



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

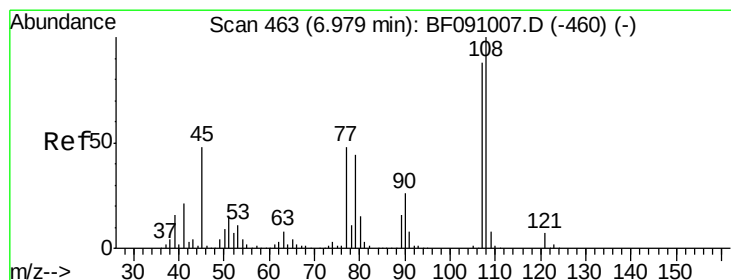
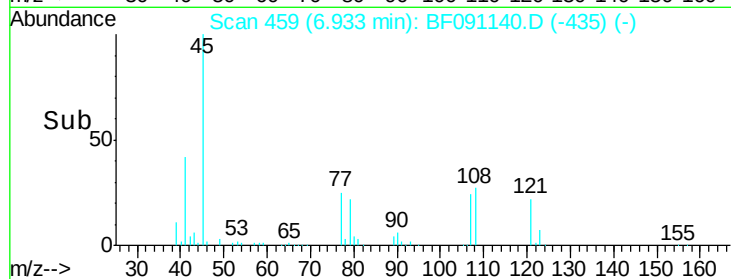
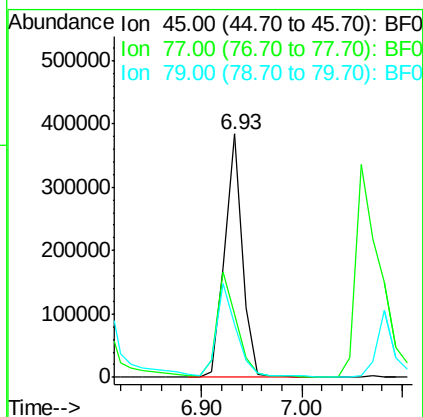
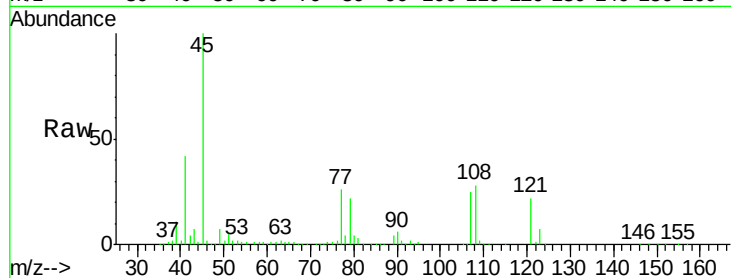




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 8.74 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

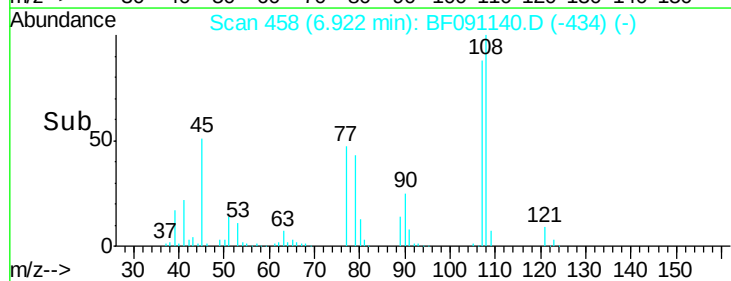
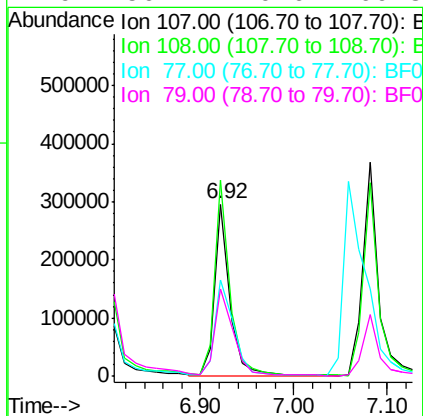
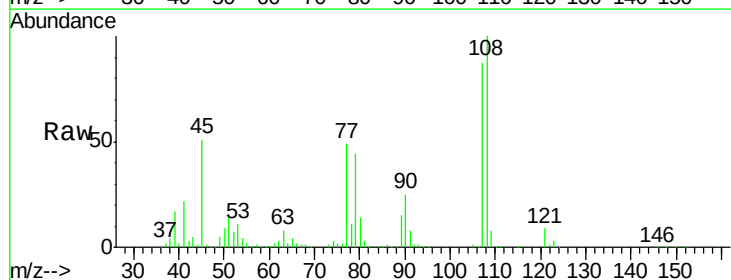
Instrument :
BNA_F
ClientSampleId :

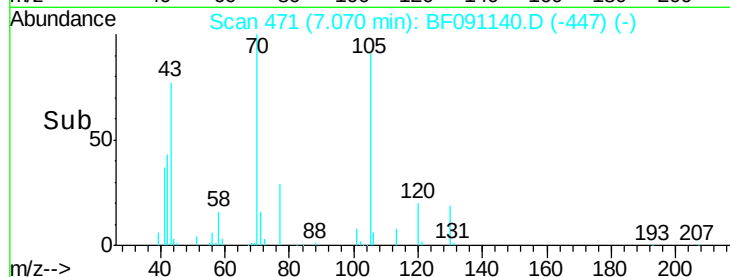
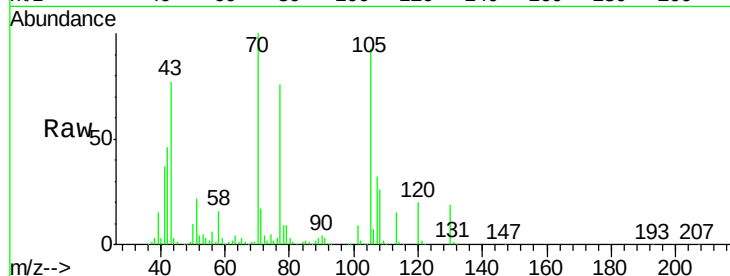
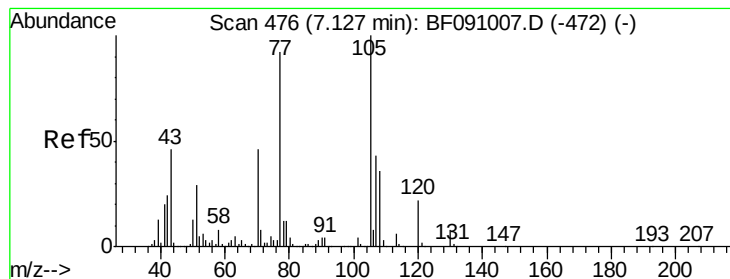
Tot Ion: 45 Resp: 471870
Ion Ratio Lower Upper
45 100
77 25.8 0.0 39.6
79 21.9 0.0 35.9



#17
2-Methylphenol
Concen: 11.61 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion: 107 Resp: 326623
Ion Ratio Lower Upper
107 100
108 114.3 91.0 136.6
77 55.9 43.8 65.8
79 50.4 40.6 60.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.94 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 306481

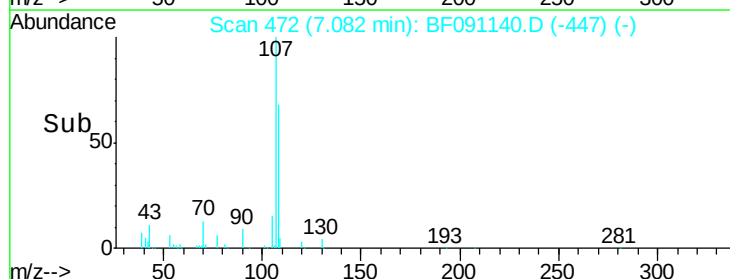
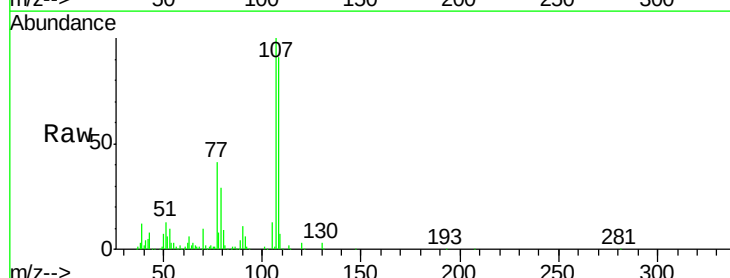
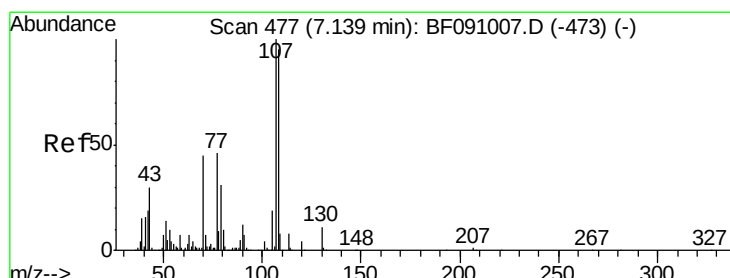
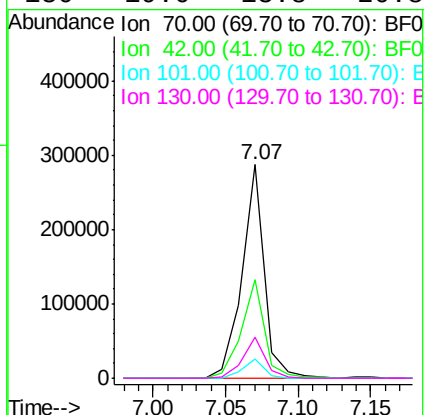
Ion Ratio Lower Upper

70 100

42 46.1 41.7 62.5

101 8.8 6.7 10.1

130 19.0 13.8 20.8



#20

3+4-Methylphenols

Concen: 13.02 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion: 107 Resp: 439504

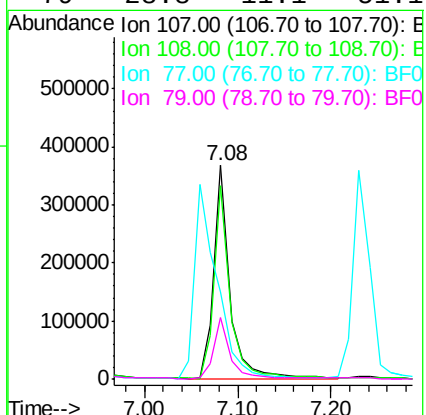
Ion Ratio Lower Upper

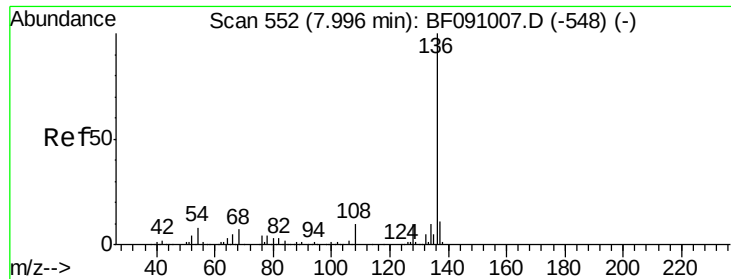
107 100

108 90.6 75.5 115.5

77 41.0 26.4 66.4

79 28.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 648531

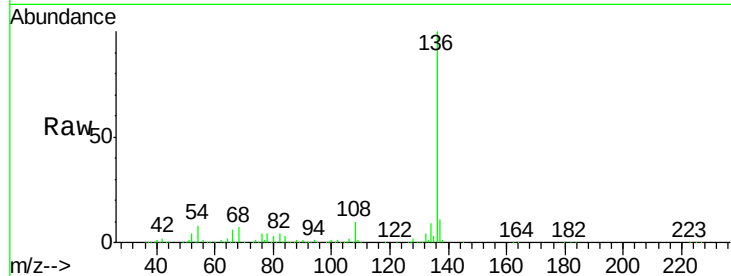
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.2 9.2

68 6.9 5.5 8.3

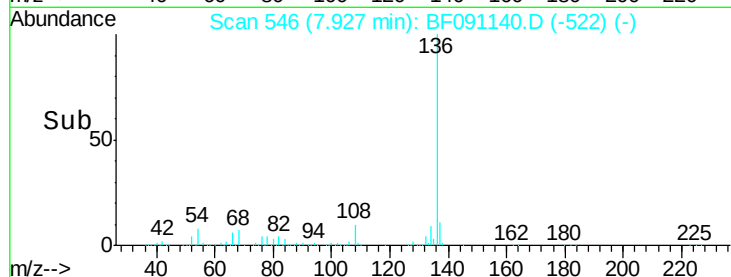


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

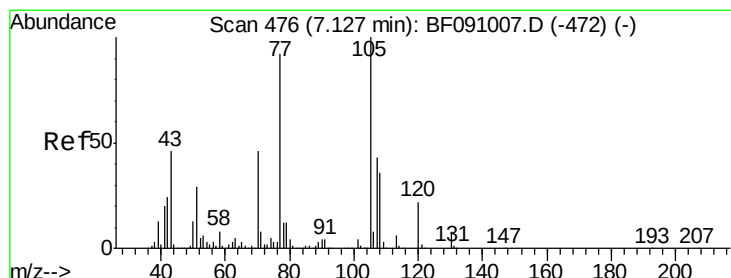
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.93



#22

Acetophenone

Concen: 37.68 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:105 Resp: 562654

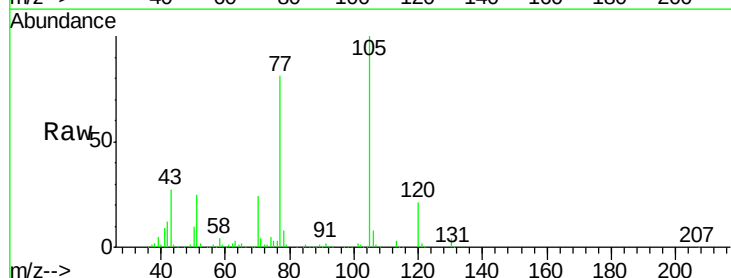
Ion Ratio Lower Upper

105 100

71 4.0 6.2 9.2#

51 24.5 23.3 34.9

120 20.8 17.4 26.0

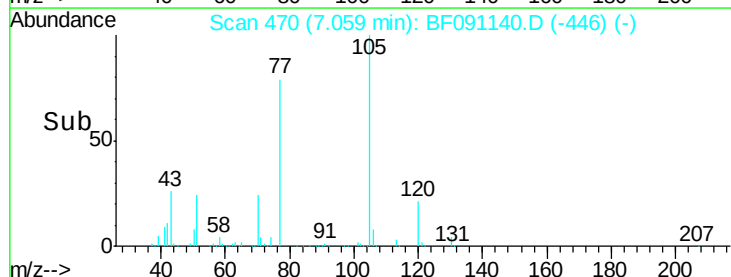


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

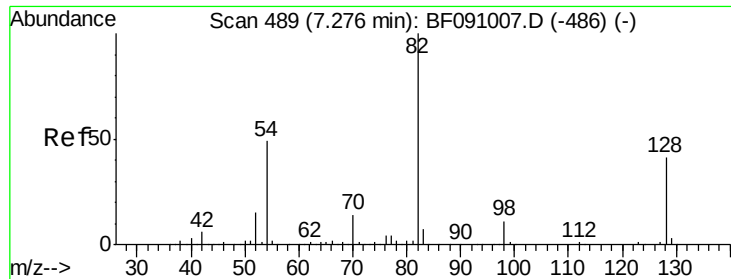
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

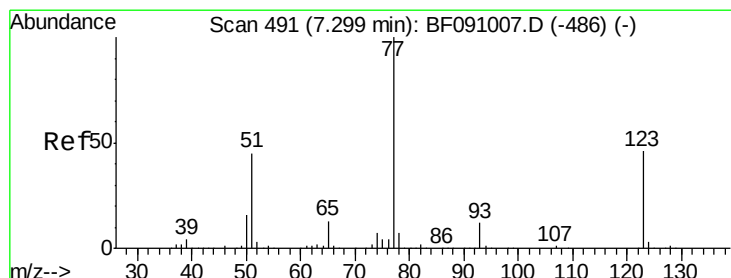
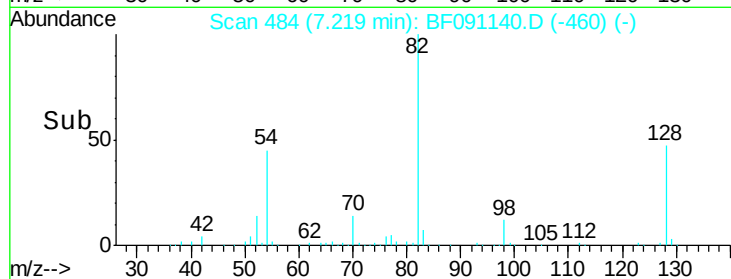
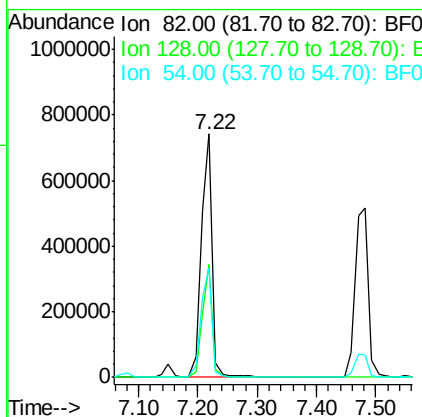
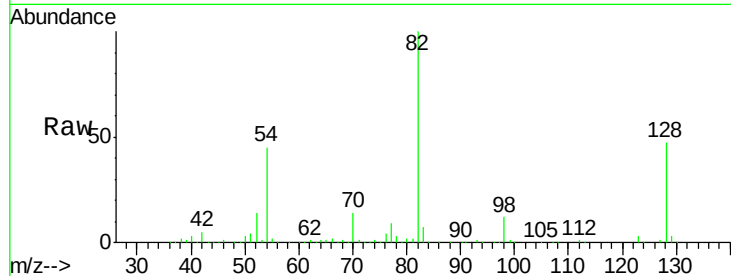
7.06



#23
 Nitrobenzene-d5
 Concen: 80.96 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

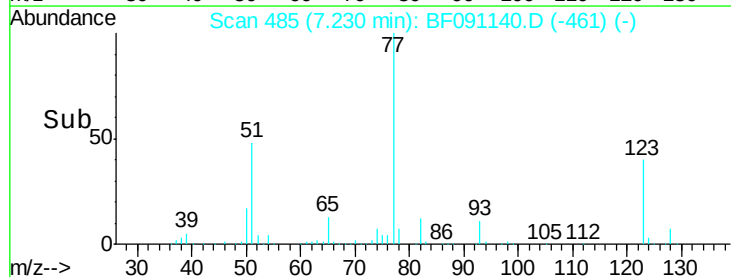
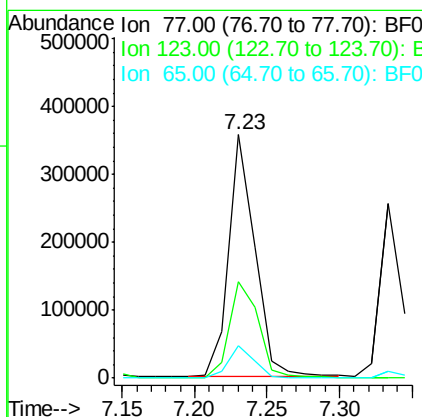
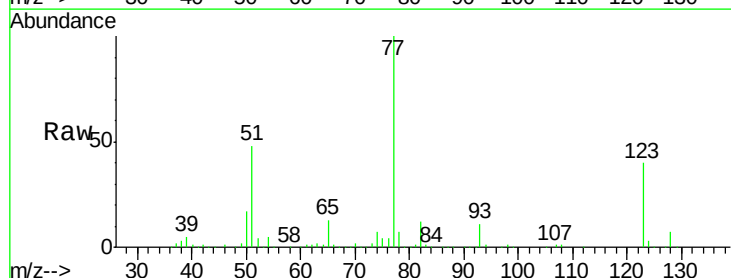
Instrument :
 BNA_F
 ClientSampled :

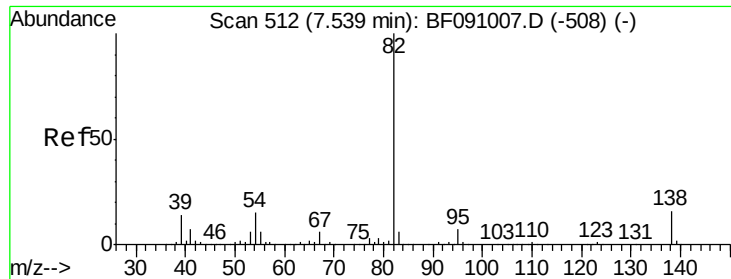
Tot Ion: 82 Resp: 962444
 Ion Ratio Lower Upper
 82 100
 128 46.7 32.4 48.6
 54 45.0 39.2 58.8



#24
 Nitrobenzene
 Concen: 34.30 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion: 77 Resp: 450407
 Ion Ratio Lower Upper
 77 100
 123 39.8 36.5 54.7
 65 13.4 10.7 16.1





#25

Isophorone

Concen: 34.49 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

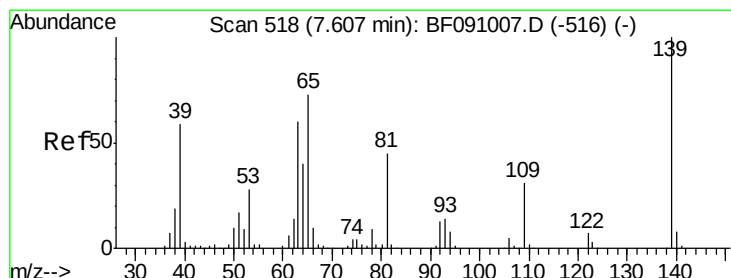
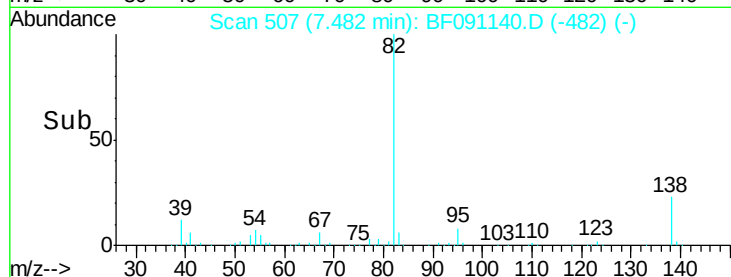
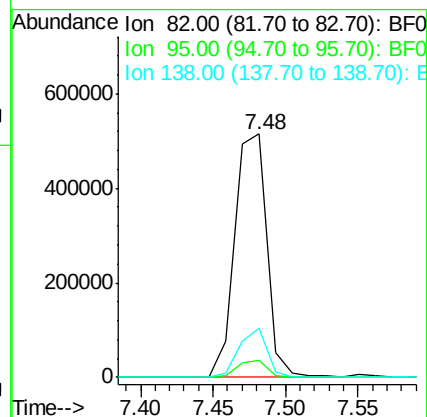
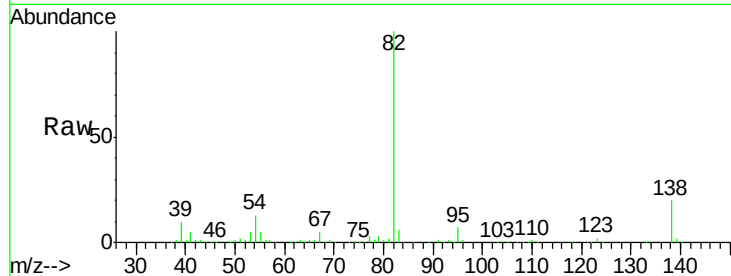
Tot Ion: 82 Resp: 790043

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 20.0 13.0 19.4#



#26

2-Nitrophenol

Concen: 37.83 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

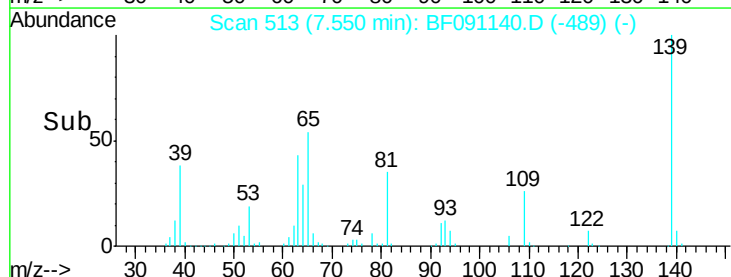
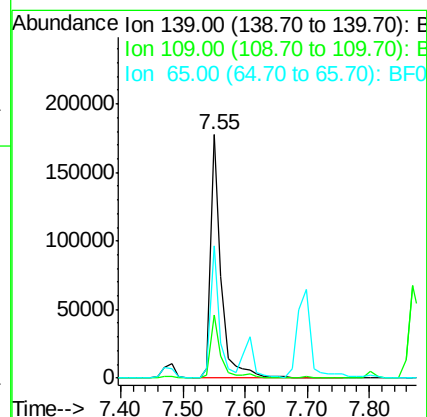
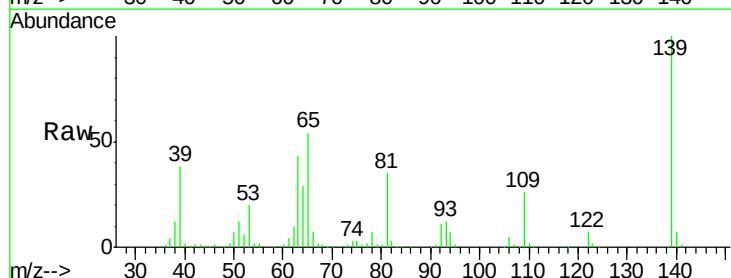
Tgt Ion: 139 Resp: 210186

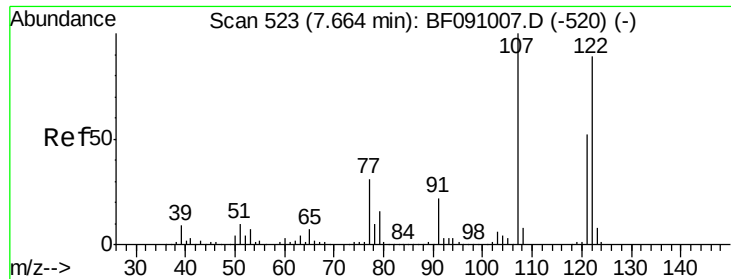
Ion Ratio Lower Upper

139 100

109 26.1 24.7 37.1

65 54.5 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 39.47 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampled :

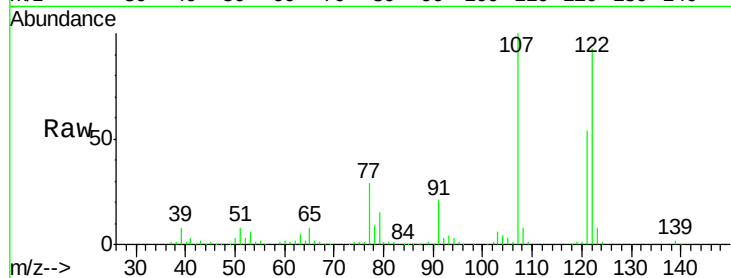
Tot Ion:122 Resp: 362667

Ion Ratio Lower Upper

122 100

107 107.7 89.6 134.4

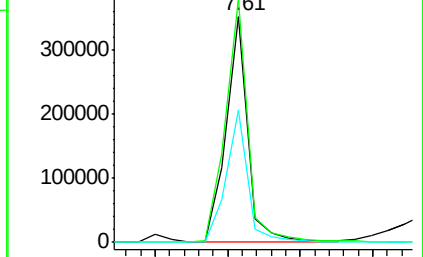
121 58.3 46.3 69.5



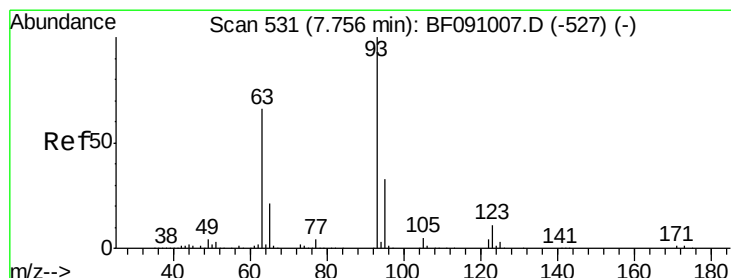
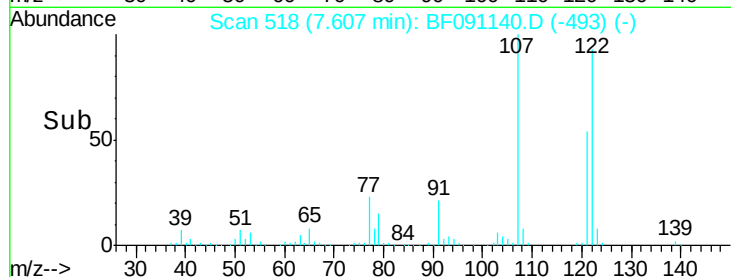
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 36.82 ng

RT: 7.70 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

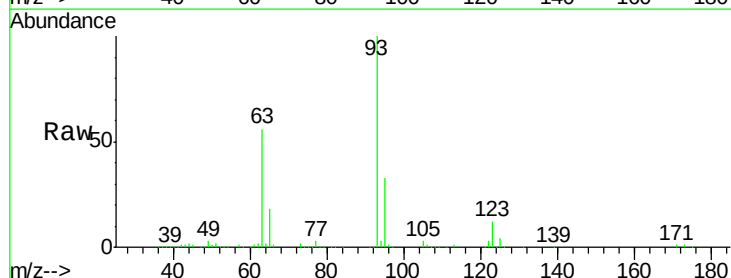
Tgt Ion: 93 Resp: 460789

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

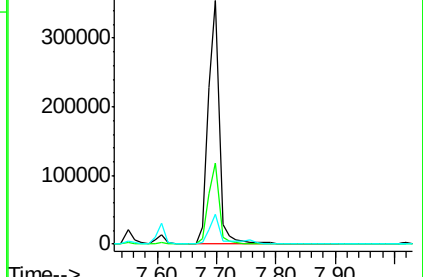
123 12.3 8.7 13.1



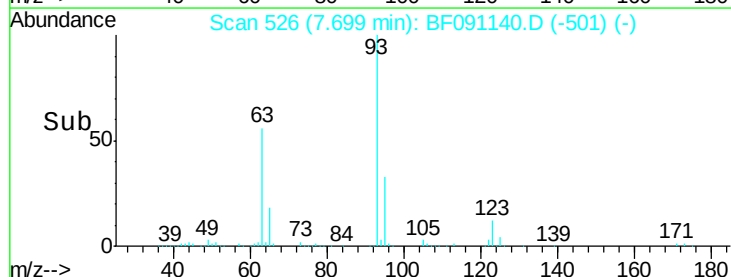
Abundance Ion 93.00 (92.70 to 93.70): BF0

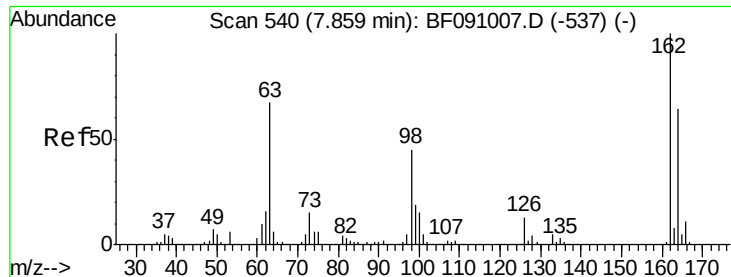
Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



Time-->

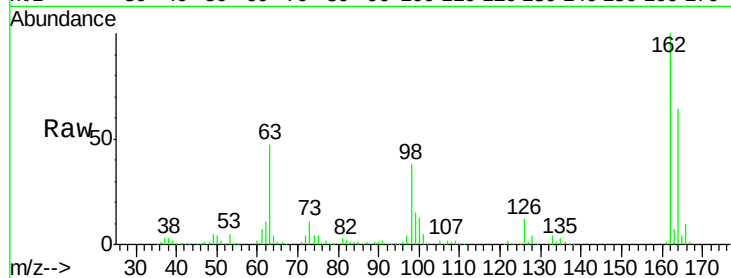




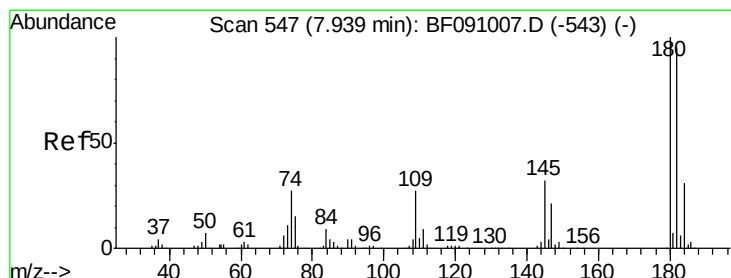
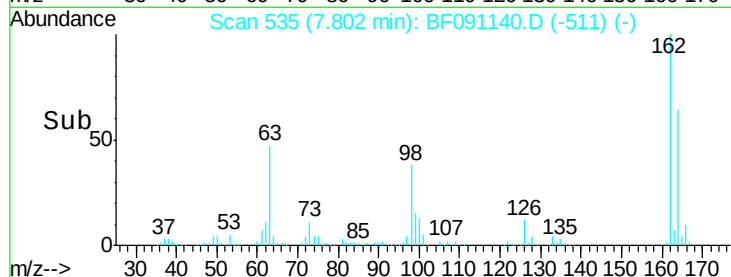
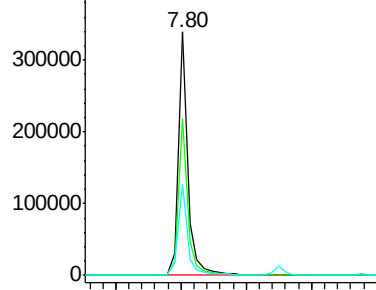
#29
 2,4-Dichlorophenol
 Concen: 42.30 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 339269
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.4 84.4
 98 37.7 25.2 65.2

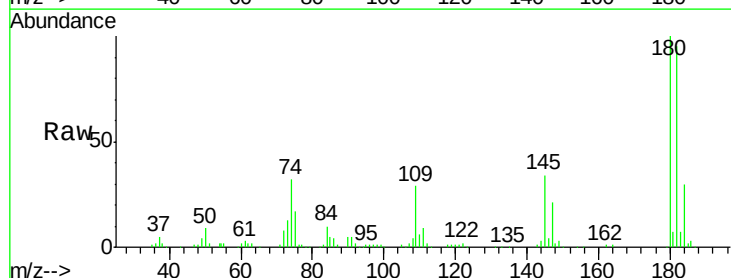


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

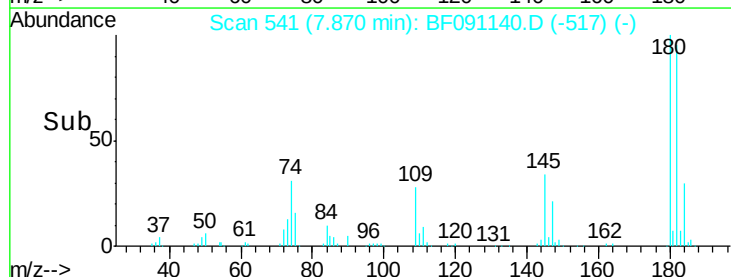
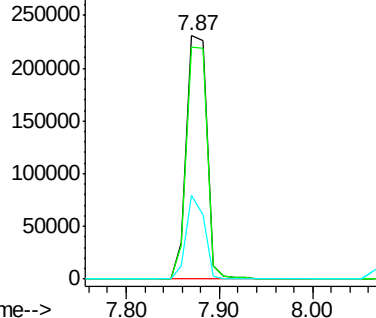


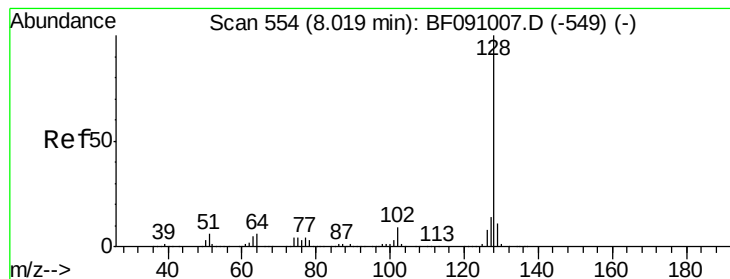
#30
 1,2,4-Trichlorobenzene
 Concen: 39.01 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:180 Resp: 351759
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 145 34.4 25.8 38.8



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





#31

Naphthalene

Concen: 36.90 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampled :

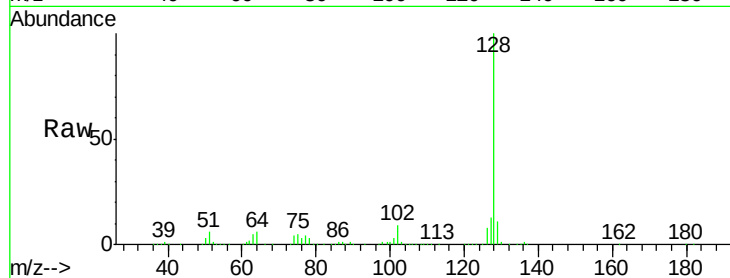
Tot Ion:128 Resp: 1144387

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

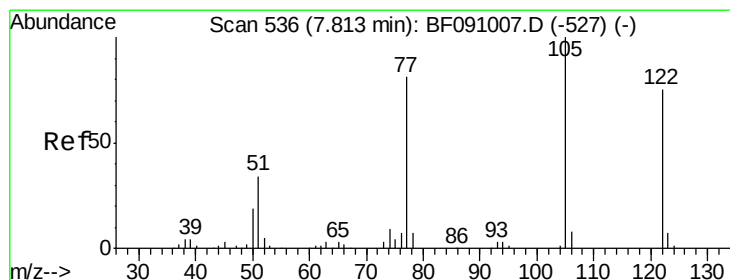
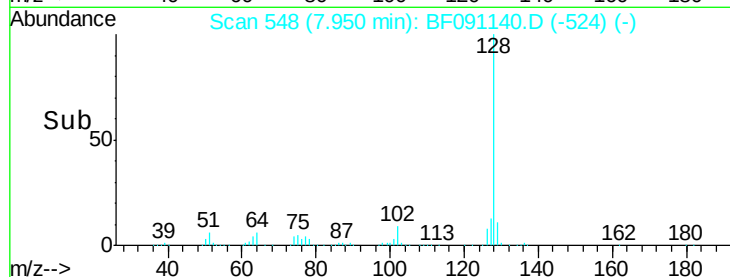
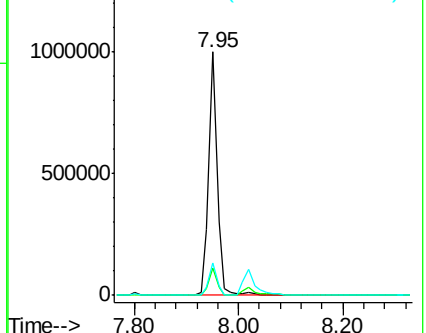
127 13.4 10.9 16.3



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: 26.24 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

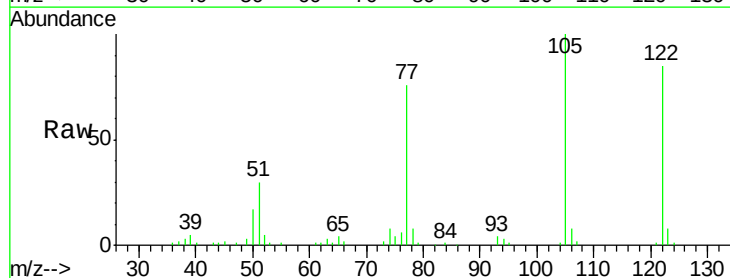
Tgt Ion:122 Resp: 169662

Ion Ratio Lower Upper

122 100

105 117.4 105.9 145.9

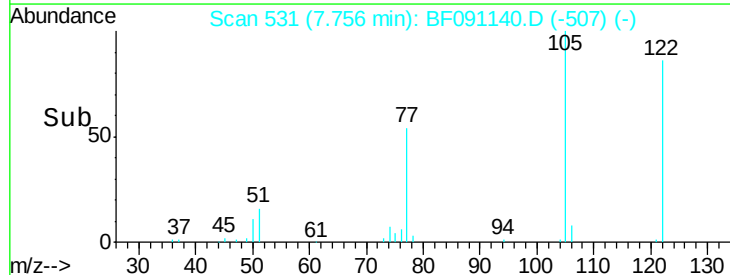
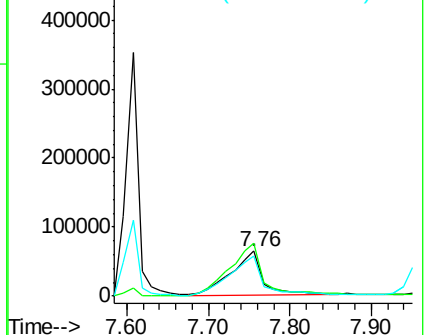
77 88.8 84.0 124.0

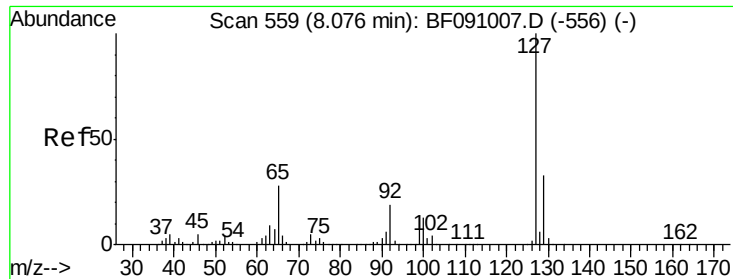


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

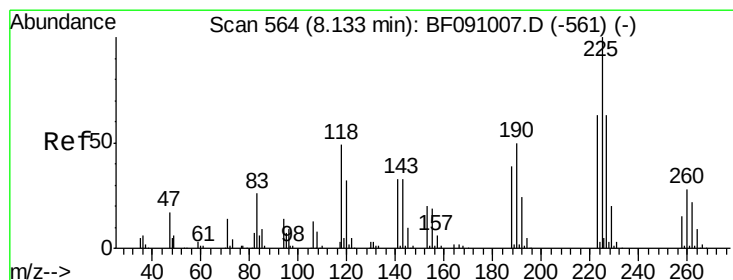
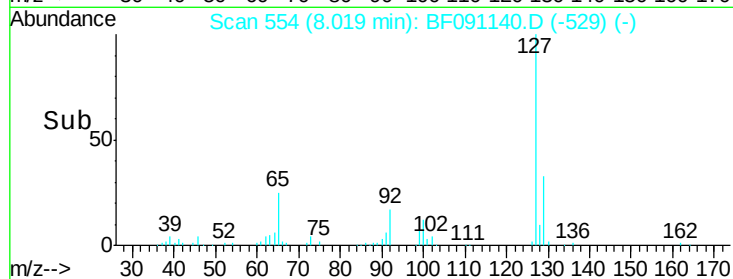
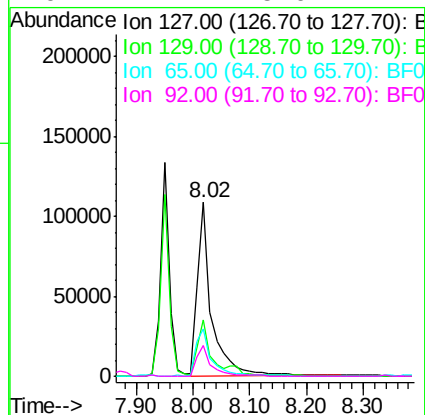
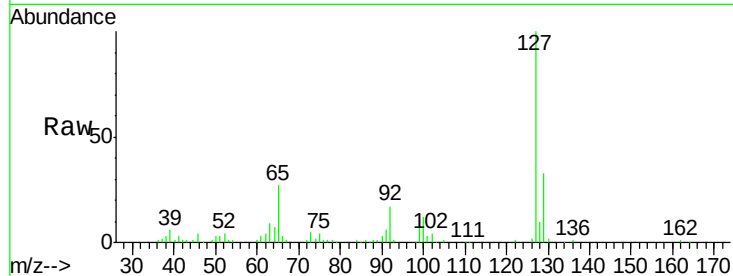




#33
4-Chloroaniline
Concen: 14.49 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

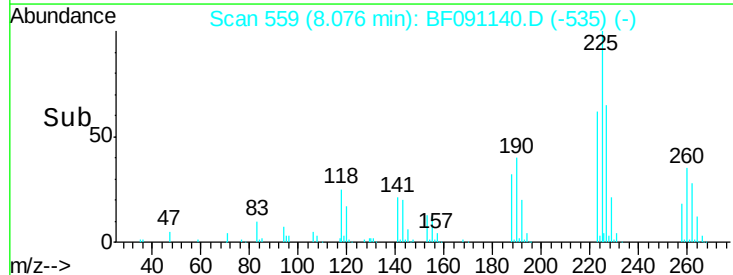
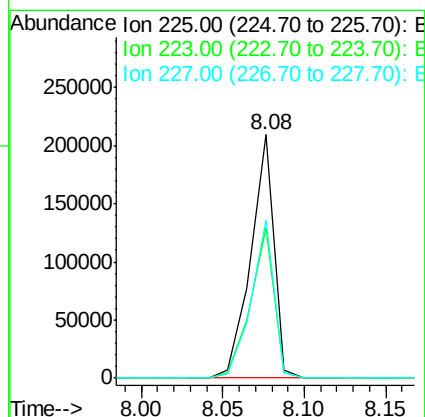
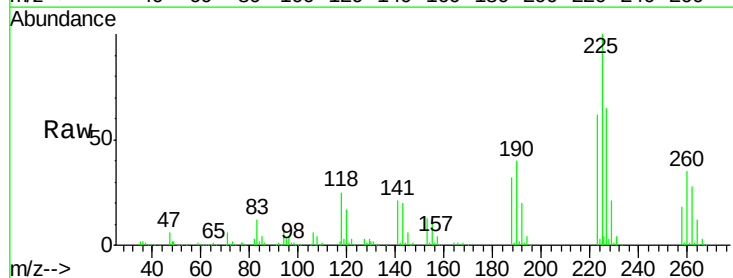
Instrument :
BNA_F
ClientSampleId :

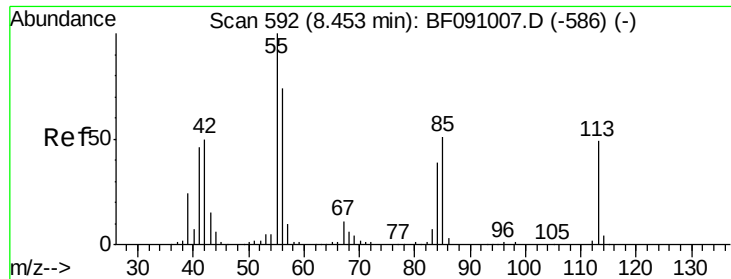
Tot Ion:	127	Resp:	186907
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	27.3	22.2	33.2
92	17.4	15.0	22.4



#34
Hexachlorobutadiene
Concen: 42.62 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:	225	Resp:	207432
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	65.0	50.1	75.1

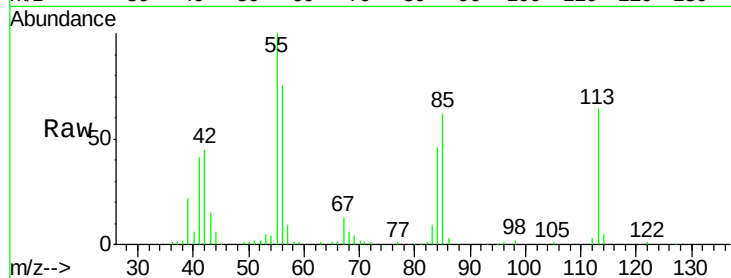




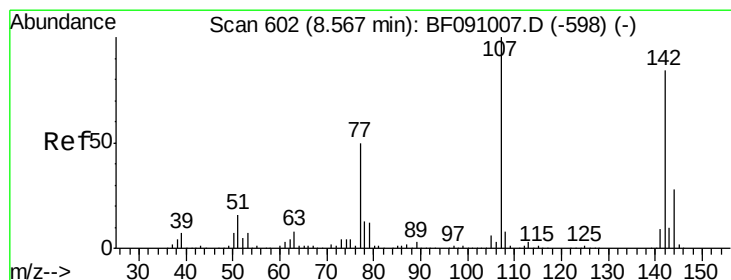
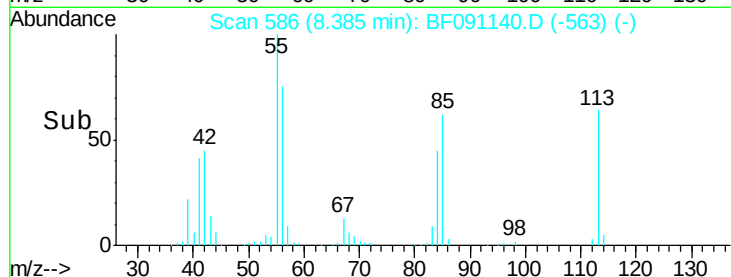
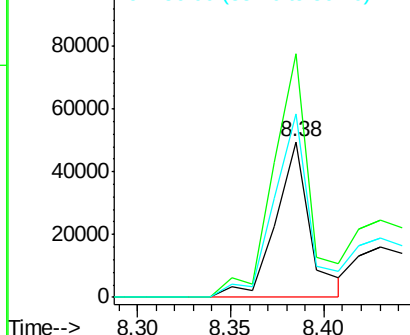
#35
 Caprolactam
 Concen: 25.17 ng
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 63422
 Ion Ratio Lower Upper
 113 100
 55 156.6 184.1 224.1#
 56 117.9 132.0 172.0#

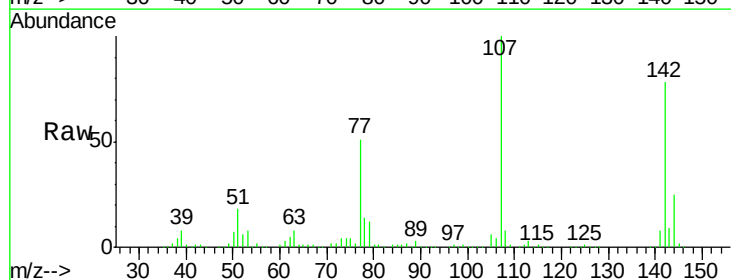


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

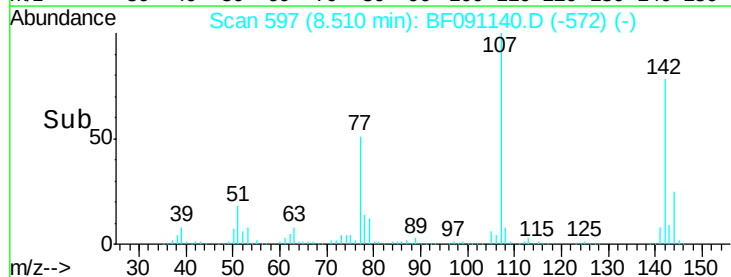
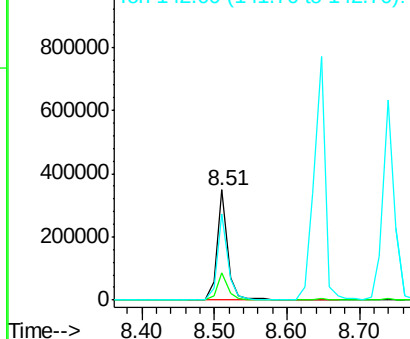


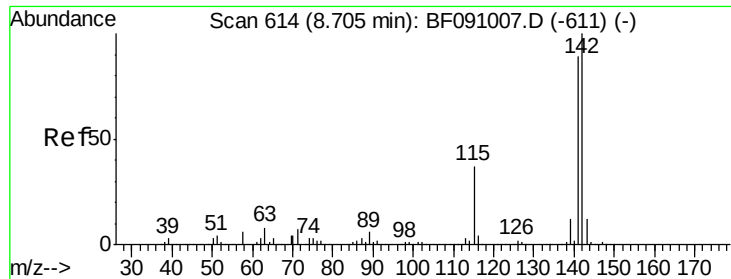
#36
 4-Chloro-3-methylphenol
 Concen: 36.82 ng
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:107 Resp: 357477
 Ion Ratio Lower Upper
 107 100
 144 24.9 22.5 33.7
 142 77.6 67.4 101.2



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

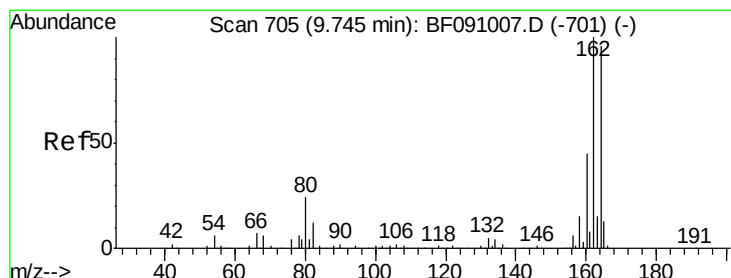
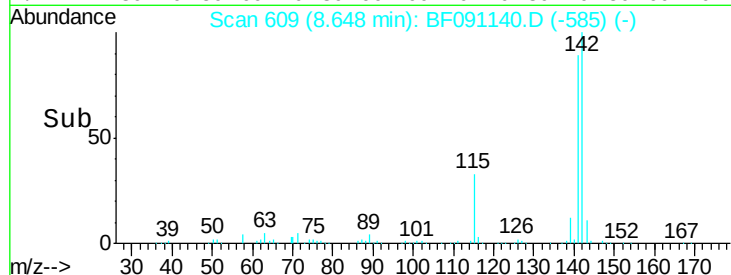
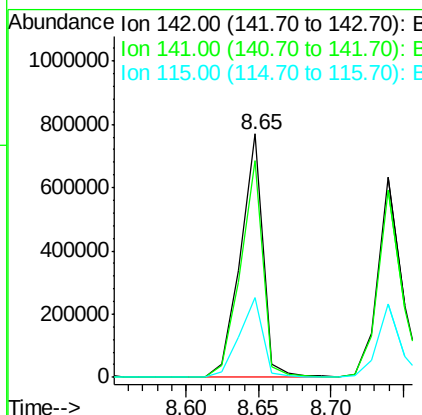
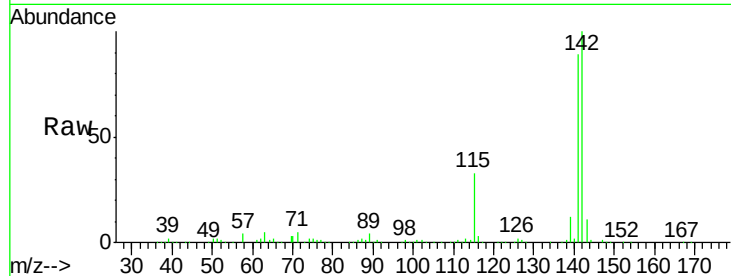




#37
2-Methylnaphthalene
Concen: 41.76 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

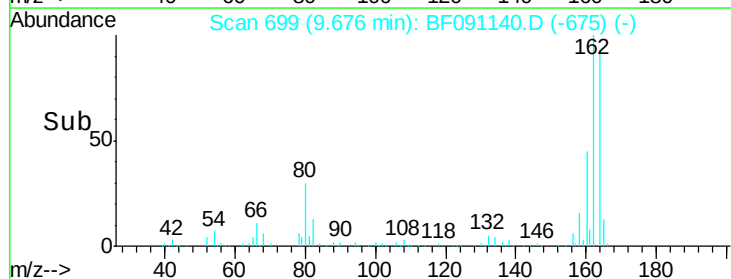
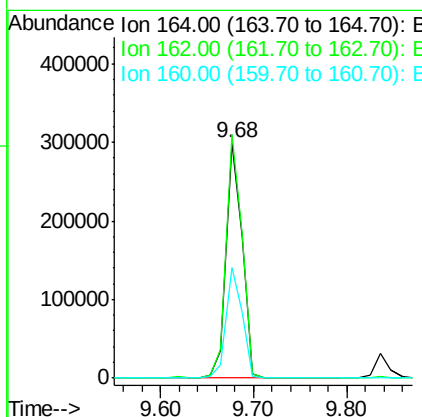
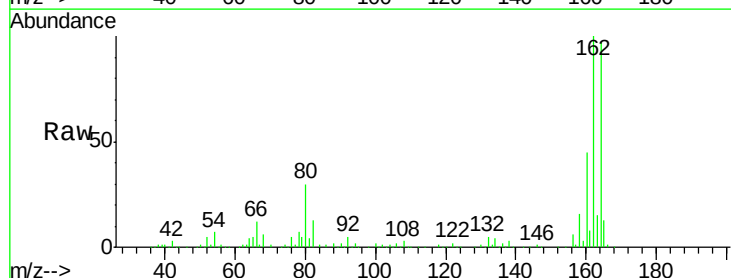
Instrument :
BNA_F
ClientSampled :

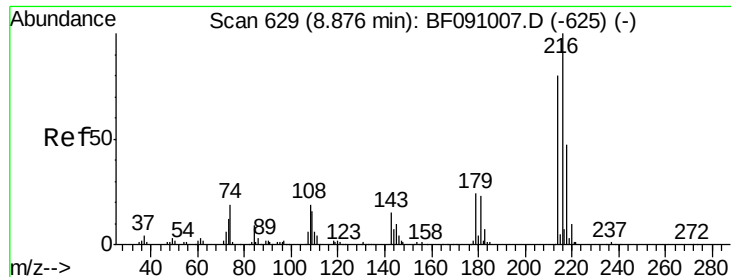
Tot Ion:142 Resp: 832555
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9
115 32.6 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:164 Resp: 361111
Ion Ratio Lower Upper
164 100
162 103.6 83.6 125.4
160 46.8 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.83 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 339119

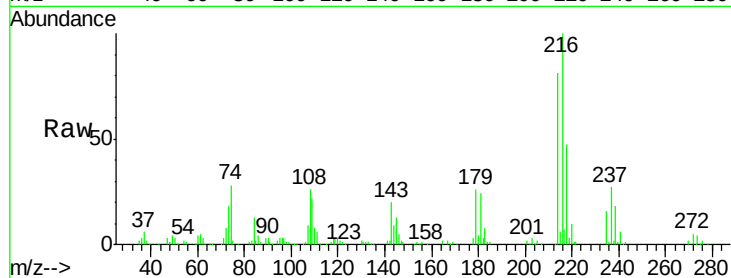
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 22.6 19.1 28.7

108 23.1 17.5 26.3

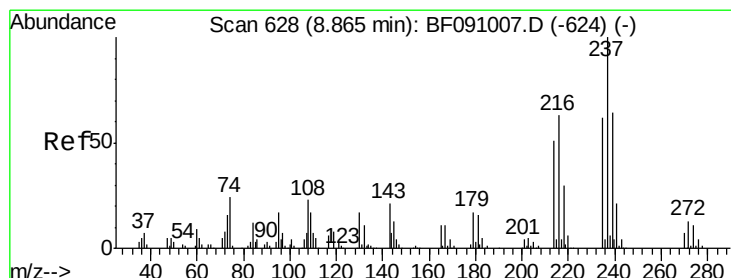
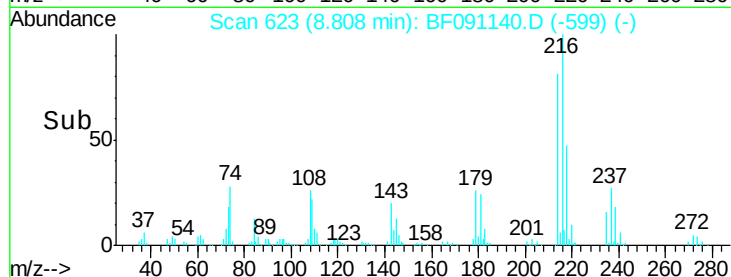
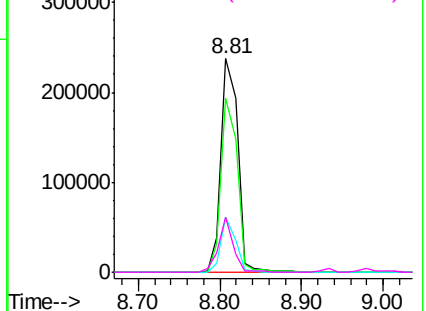


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.01 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

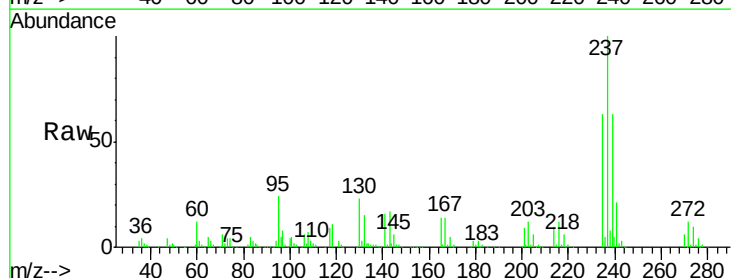
Tgt Ion:237 Resp: 289642

Ion Ratio Lower Upper

237 100

235 63.0 42.1 82.1

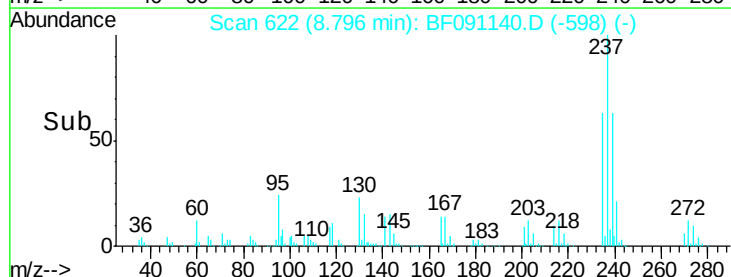
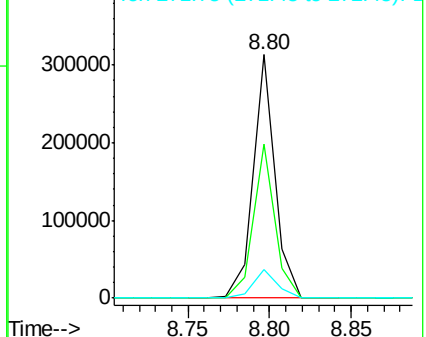
272 11.8 0.0 33.1

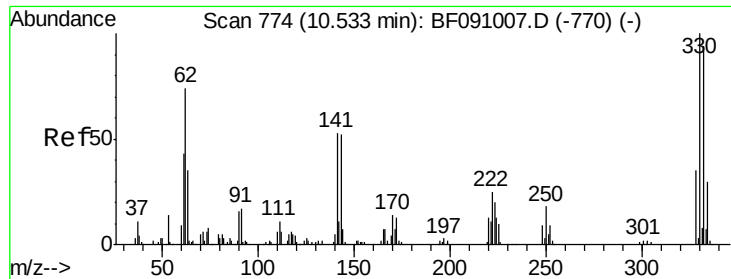


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

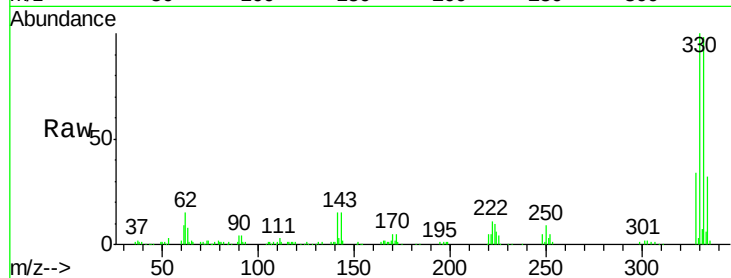




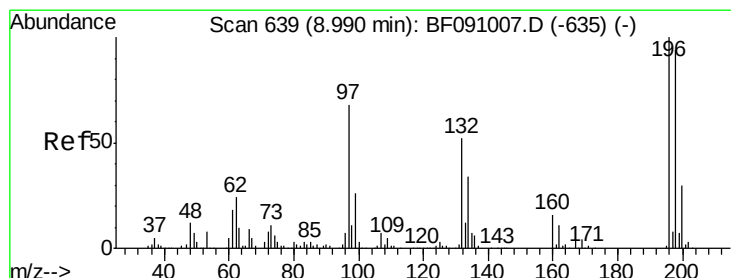
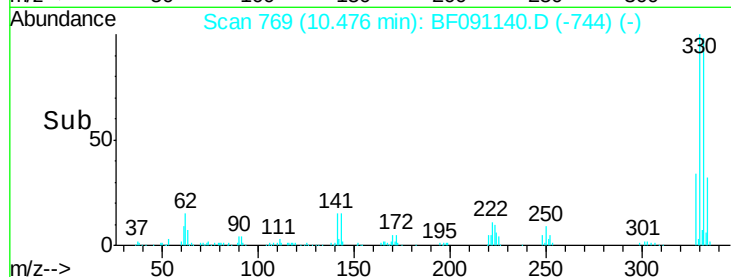
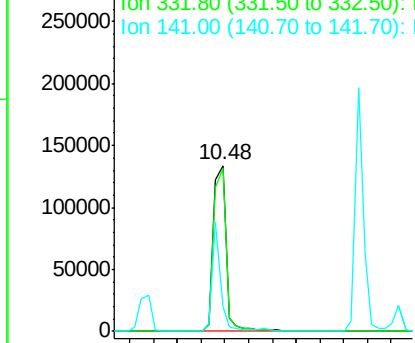
#41
 2,4,6-Tribromophenol
 Concen: 61.08 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	42.8	36.1	54.1

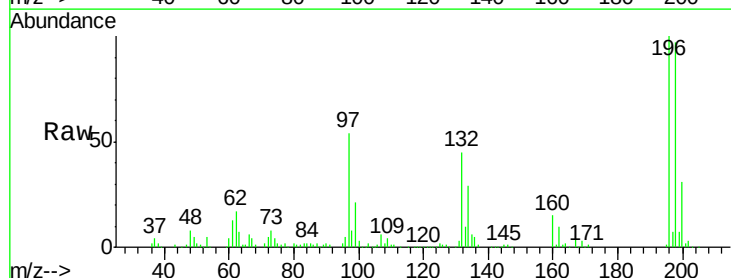


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

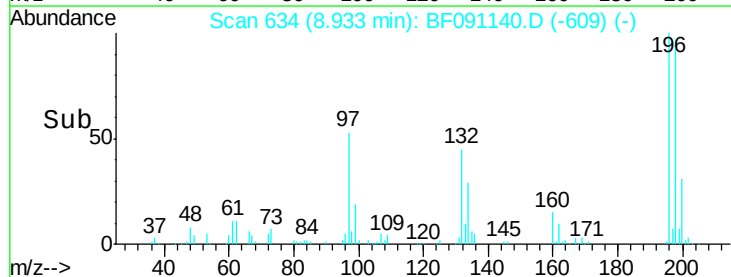
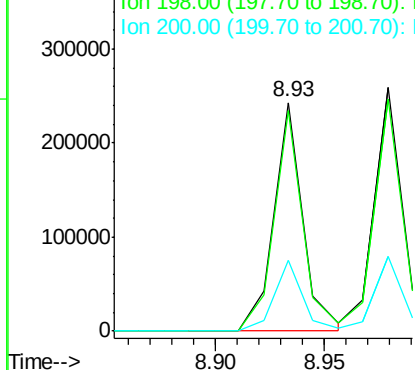


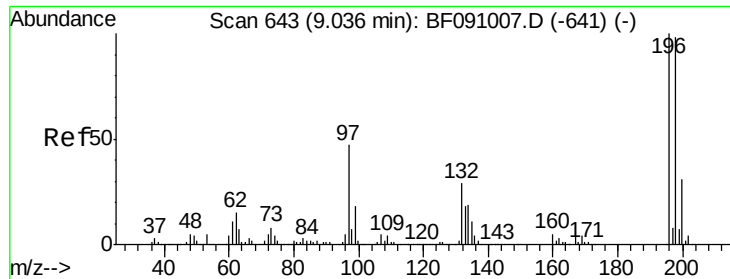
#42
 2,4,6-Trichlorophenol
 Concen: 38.24 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.4	113.0
200	30.7	24.1	36.1



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

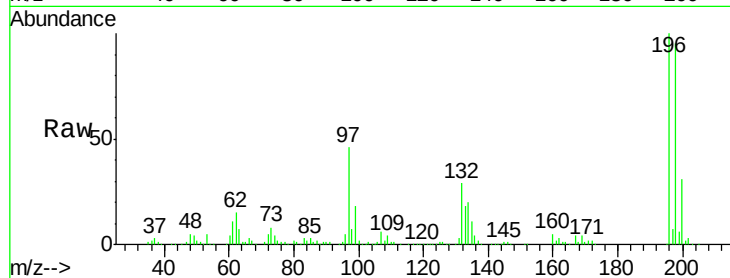




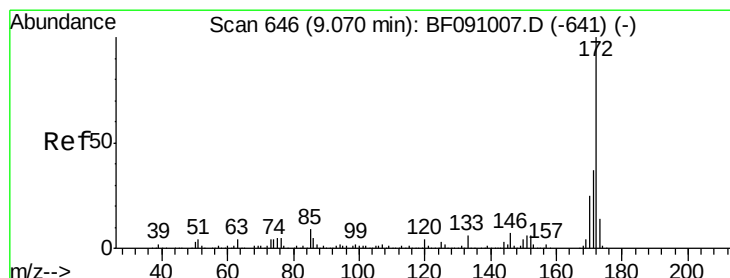
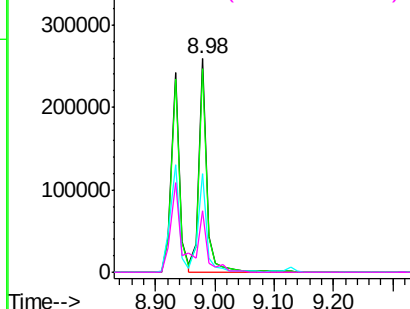
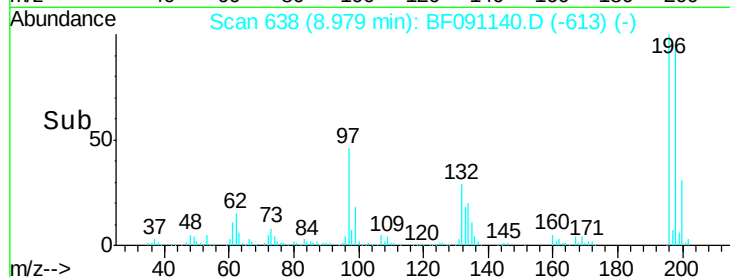
#43
 2,4,5-Trichlorophenol
 Concen: 40.50 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.2	117.4
97	46.4	38.8	58.2
132	28.9	23.5	35.3

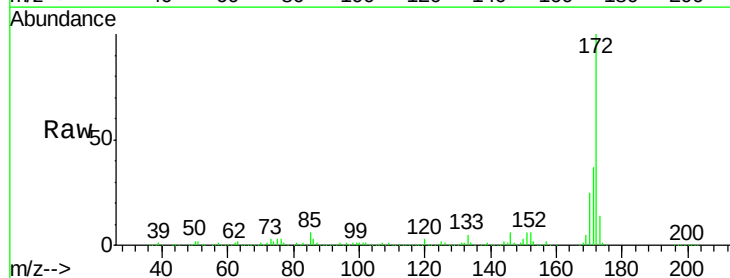


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

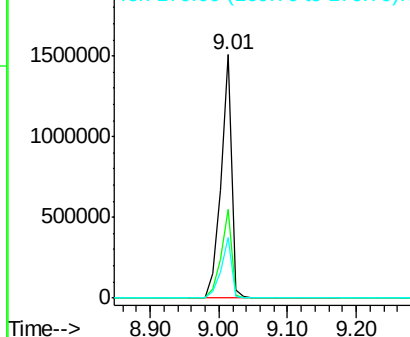
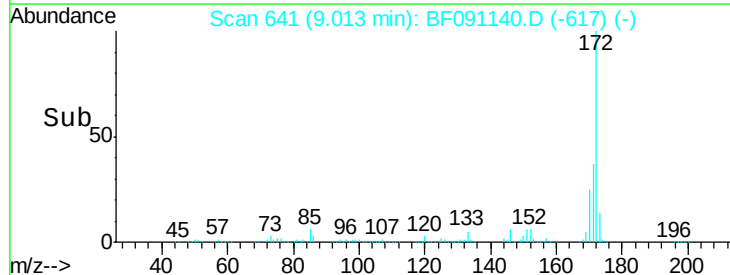


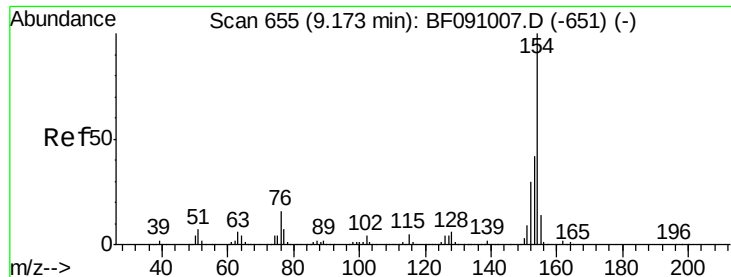
#44
 2-Fluorobiphenyl
 Concen: 78.82 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	25.1	20.3	30.5



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

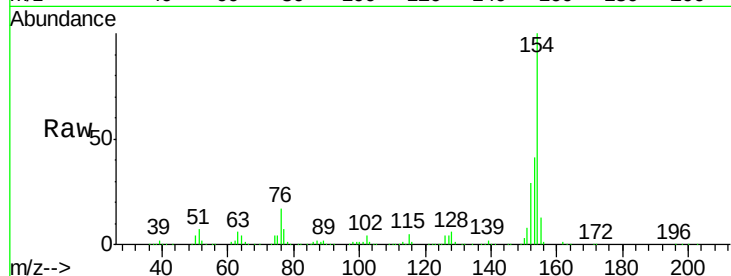




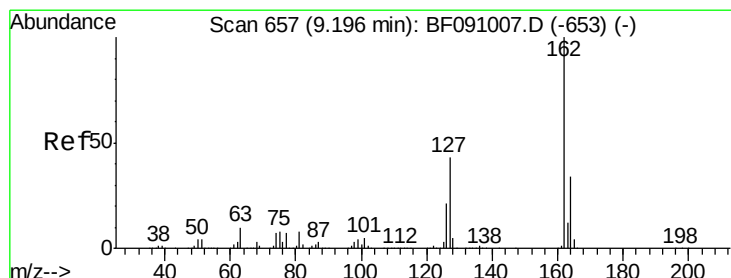
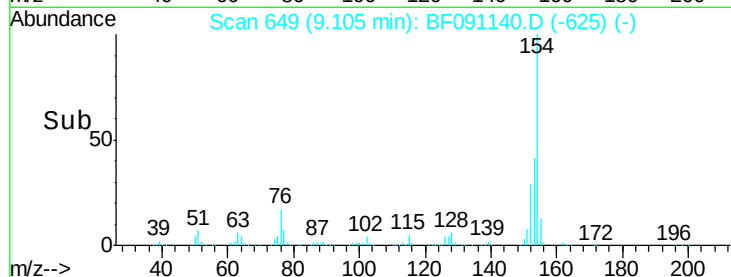
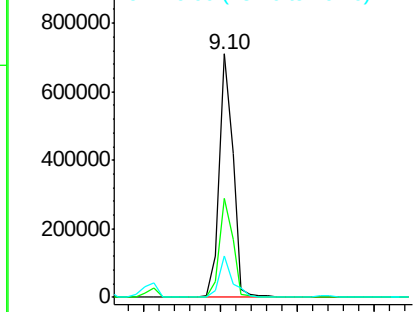
#45
 1,1'-Biphenyl
 Concen: 34.05 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 897754
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.6 61.6
 76 16.8 0.0 36.2

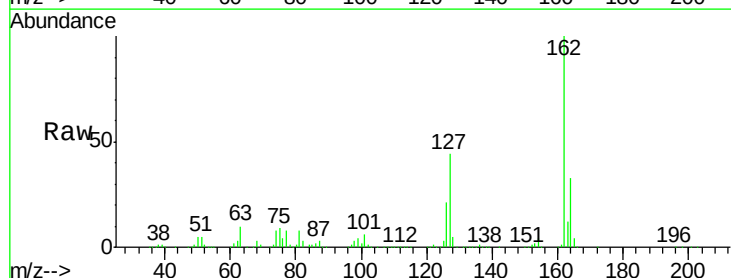


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

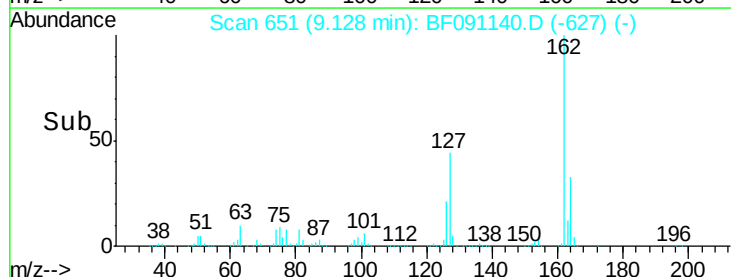
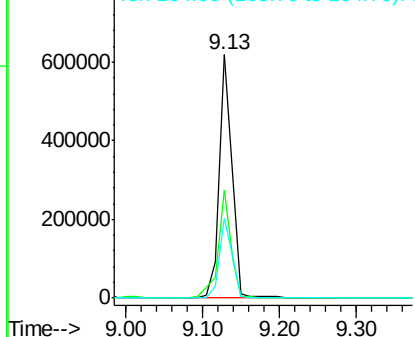


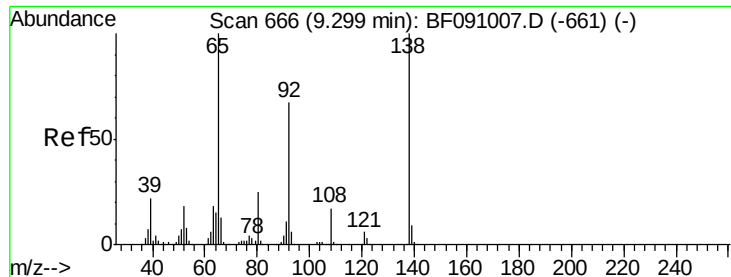
#46
 2-Chloronaphthalene
 Concen: 35.74 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:162 Resp: 715434
 Ion Ratio Lower Upper
 162 100
 127 44.5 34.7 52.1
 164 32.7 27.0 40.4



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

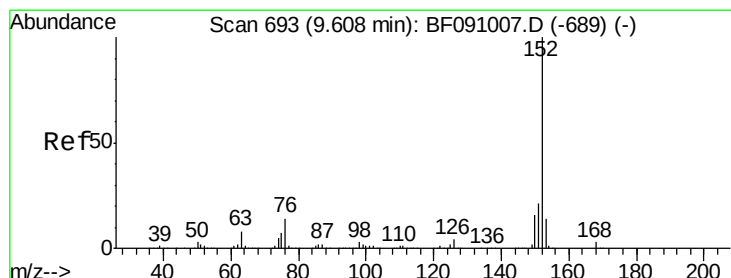
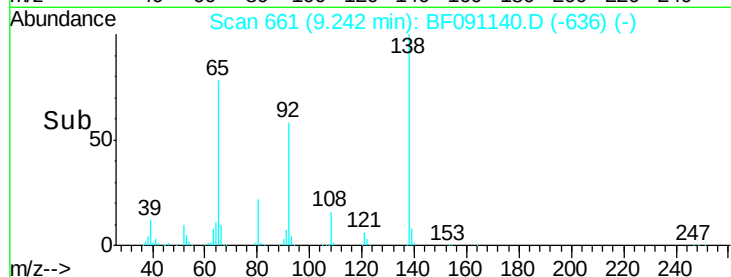
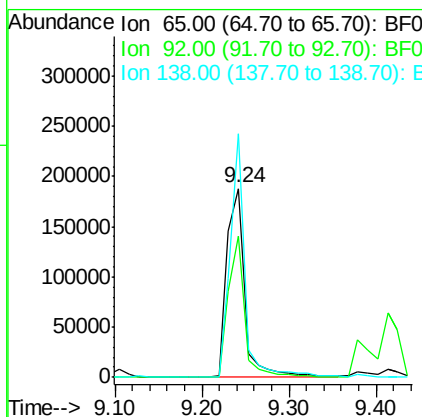
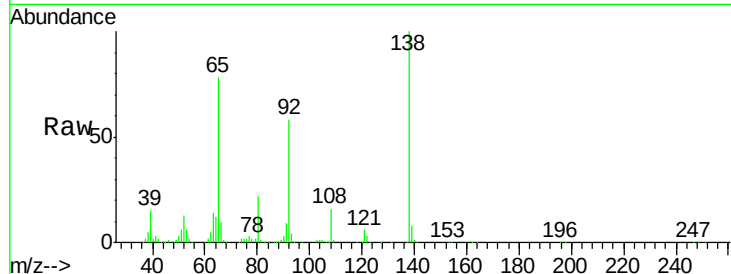




#47
2-Nitroaniline
Concen: 36.80 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

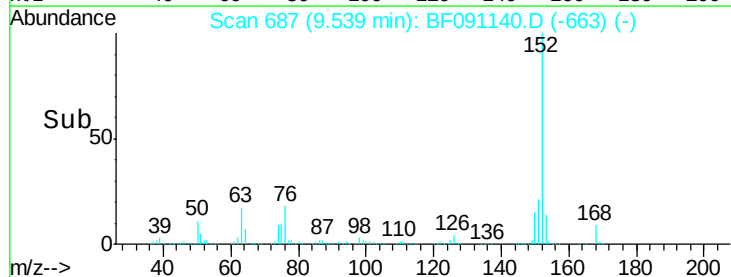
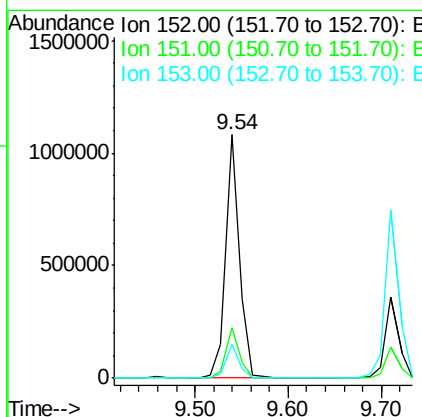
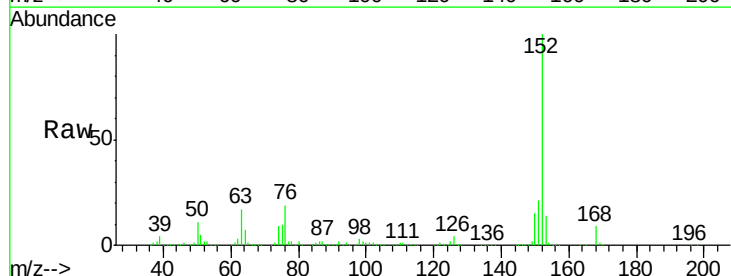
Instrument :
BNA_F
ClientSampled :

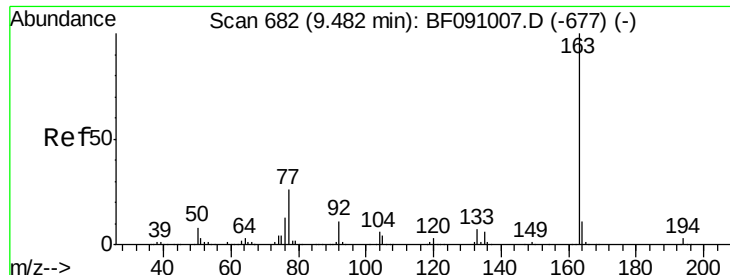
Tot Ion: 65 Resp: 273369
Ion Ratio Lower Upper
65 100
92 75.0 53.9 80.9
138 128.7 80.1 120.1#



#48
Acenaphthylene
Concen: 35.74 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion: 152 Resp: 1115143
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 38.79 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

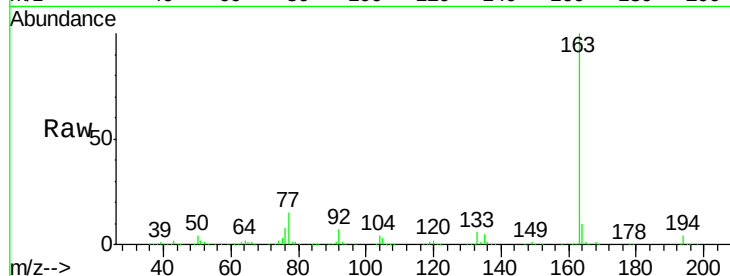
Tot Ion:163 Resp: 918529

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

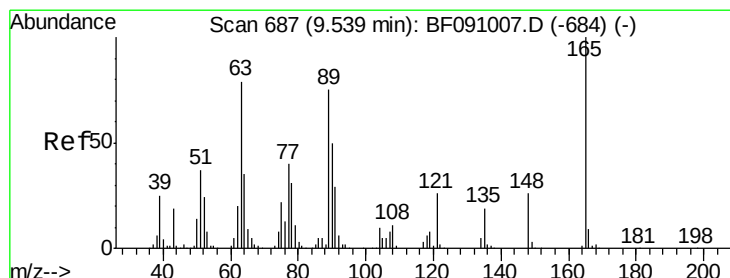
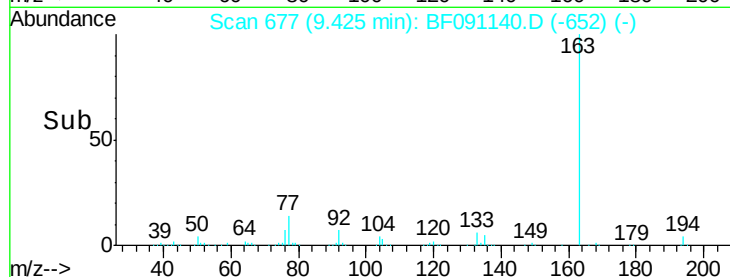
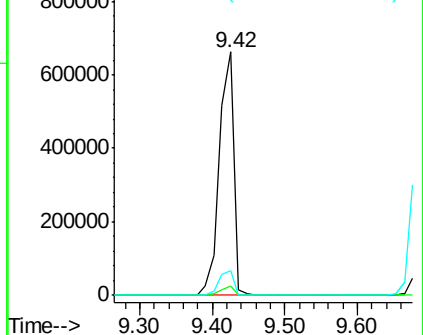
164 10.1 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.60 ng

RT: 9.48 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

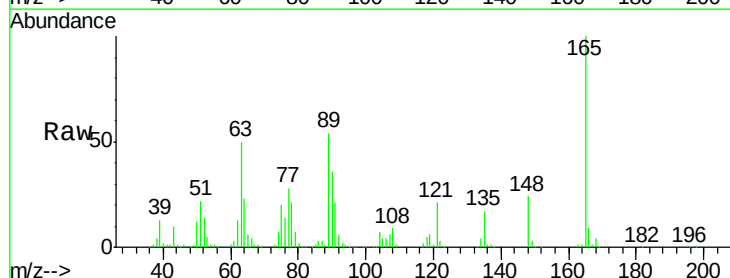
Tgt Ion:165 Resp: 221262

Ion Ratio Lower Upper

165 100

63 49.8 65.6 98.4#

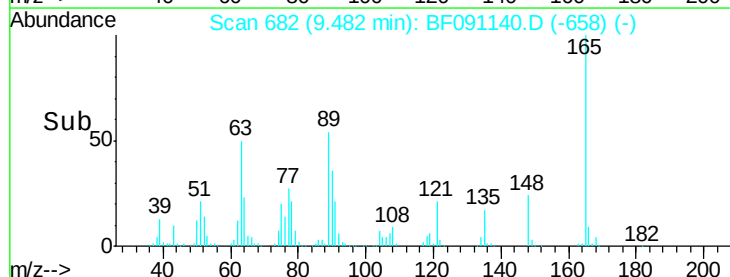
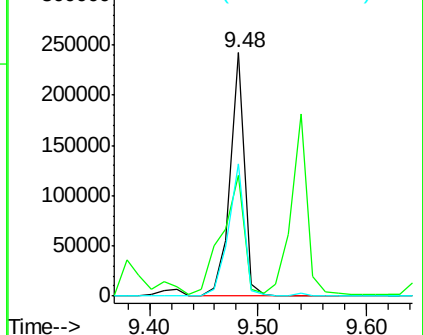
89 54.2 59.8 89.6#

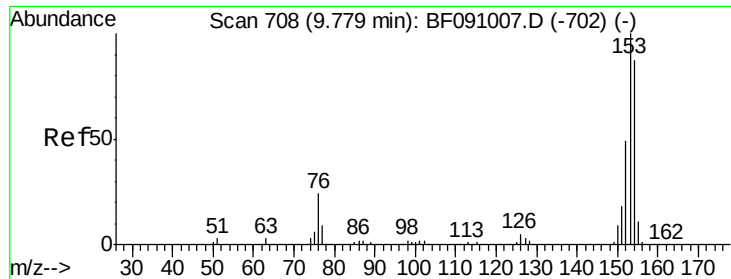


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.03 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

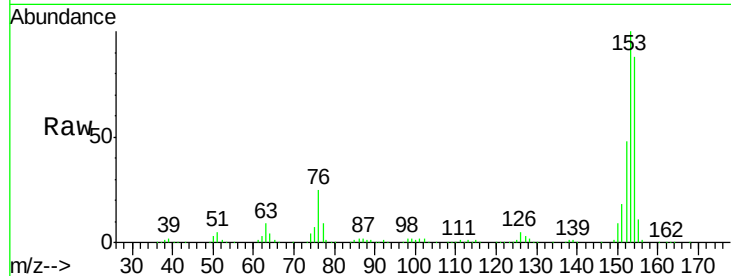
Tot Ion:154 Resp: 666502

Ion Ratio Lower Upper

154 100

153 114.0 91.6 137.4

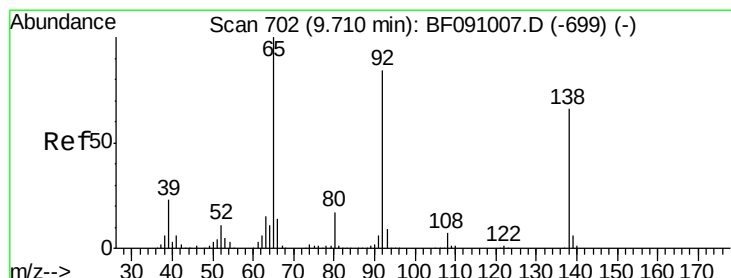
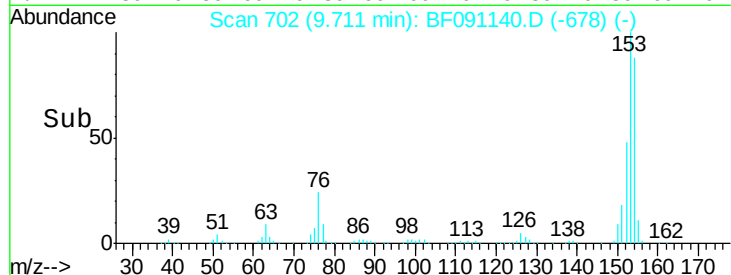
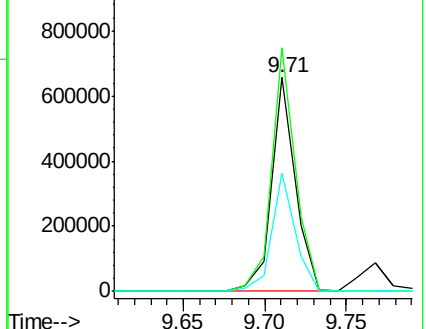
152 55.2 44.6 67.0



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: 19.59 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

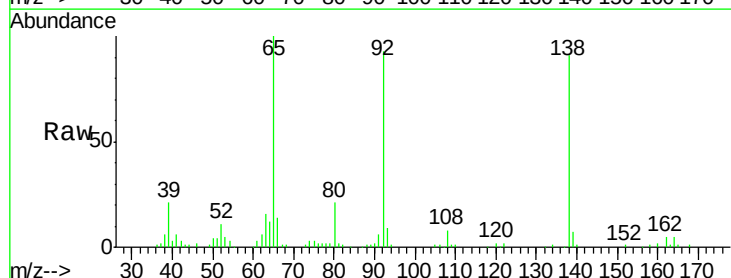
Tgt Ion:138 Resp: 117913

Ion Ratio Lower Upper

138 100

108 9.3 8.4 12.6

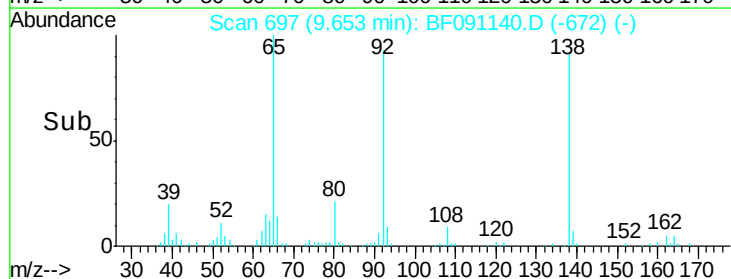
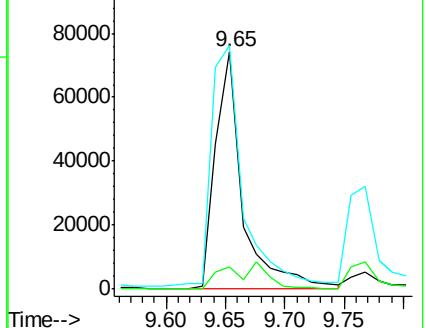
92 102.5 101.1 151.7

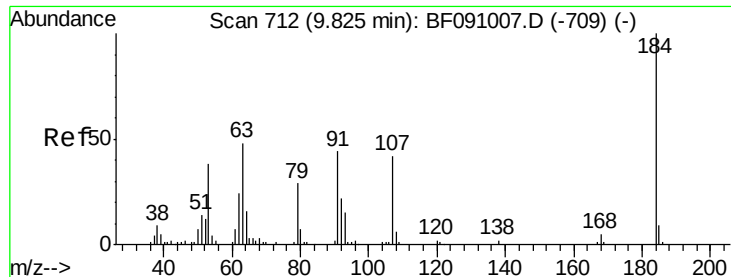


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

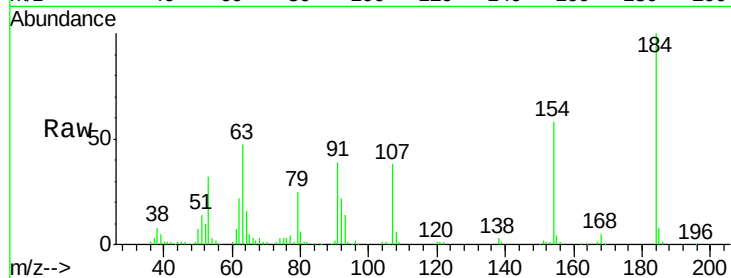




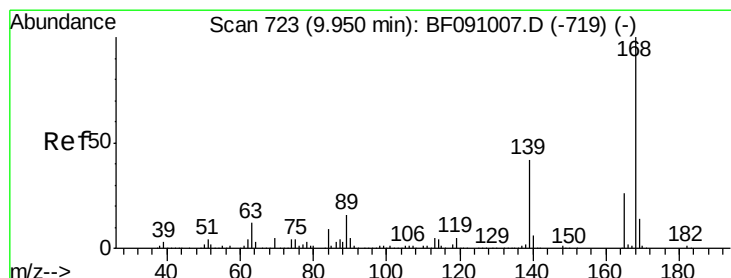
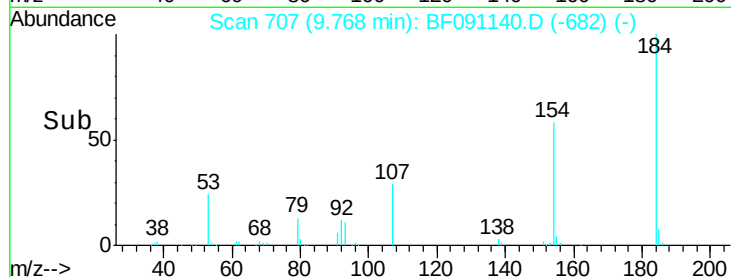
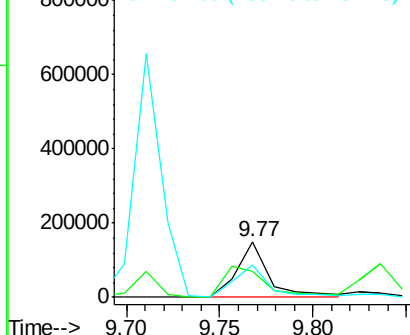
#53
 2,4-Dinitrophenol
 Concen: 65.34 ng
 RT: 9.77 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 177162
 Ion Ratio Lower Upper
 184 100
 63 46.7 45.5 68.3
 154 57.7 51.0 76.4

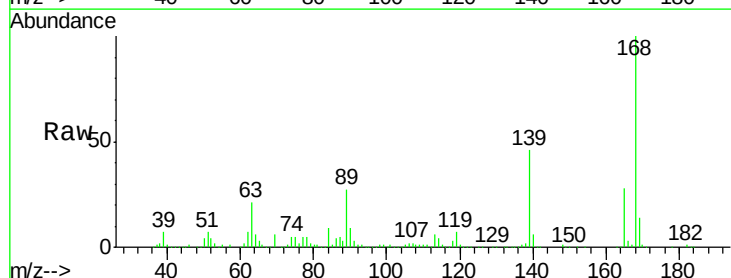


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

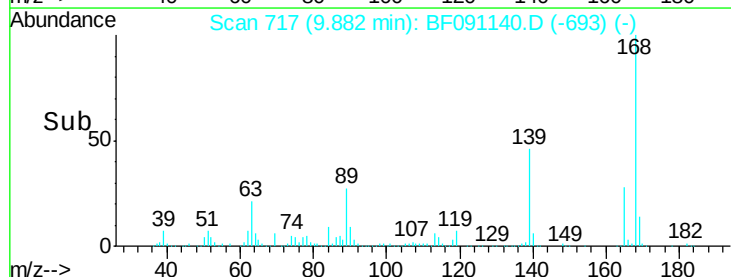
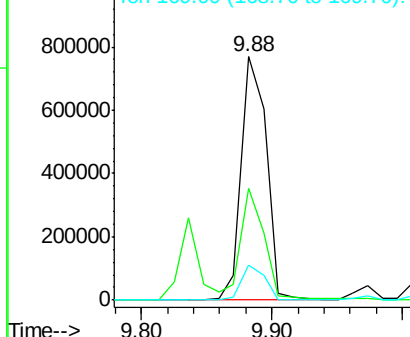


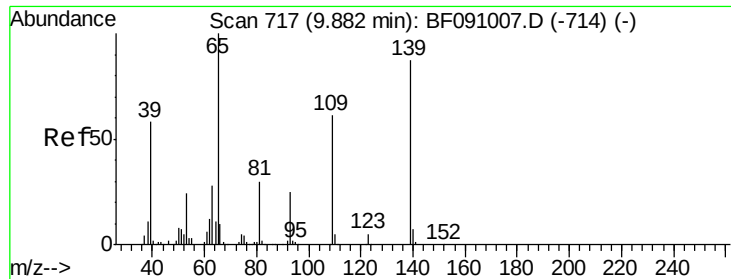
#54
 Dibenzofuran
 Concen: 38.83 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:168 Resp: 1023753
 Ion Ratio Lower Upper
 168 100
 139 45.7 34.8 52.2
 169 14.4 11.4 17.2



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

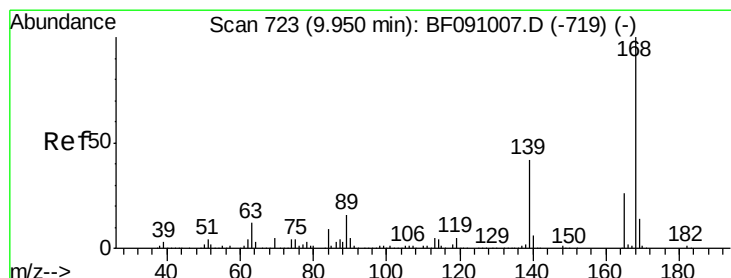
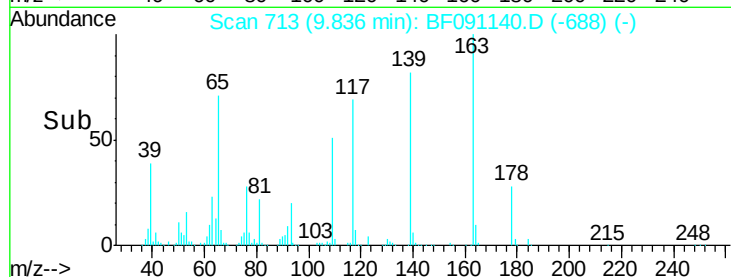
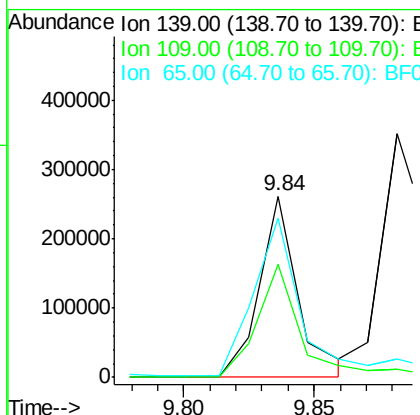
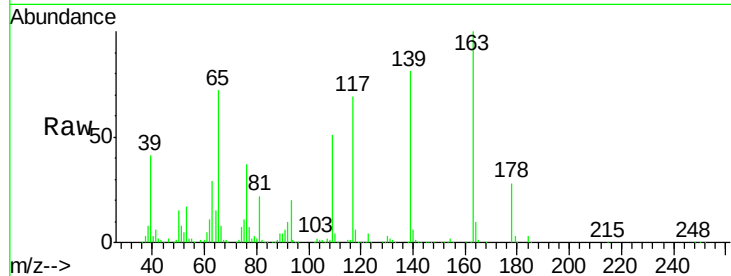




#55
4-Nitrophenol
Concen: 68.65 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

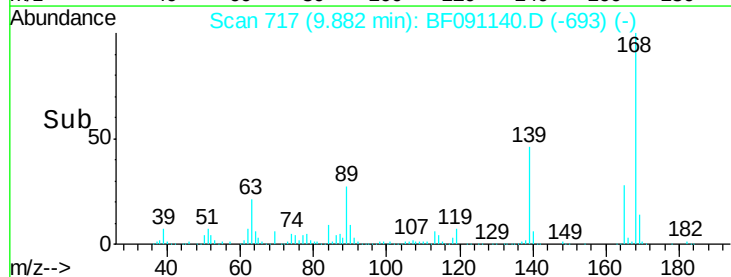
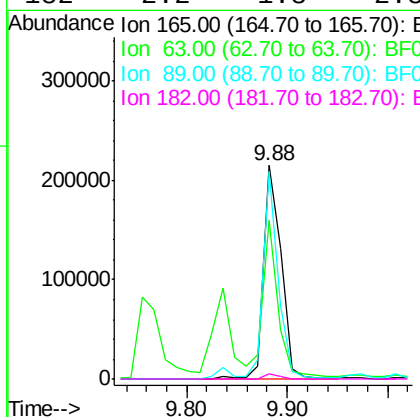
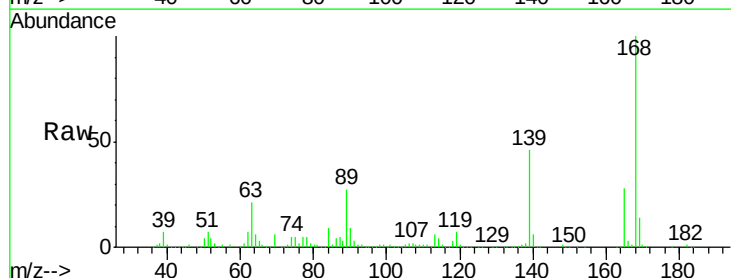
Instrument :
BNA_F
ClientSampleId :

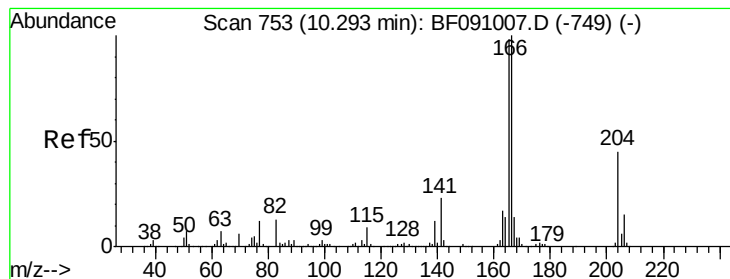
Tot Ion:139 Resp: 271632
Ion Ratio Lower Upper
139 100
109 62.5 50.5 90.5
65 87.9 97.1 137.1#



#56
2,4-Dinitrotoluene
Concen: 40.47 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:165 Resp: 261270
Ion Ratio Lower Upper
165 100
63 74.2 38.7 58.1#
89 97.1 50.6 76.0#
182 2.2 1.8 2.8





#57

Fluorene

Concen: 36.28 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

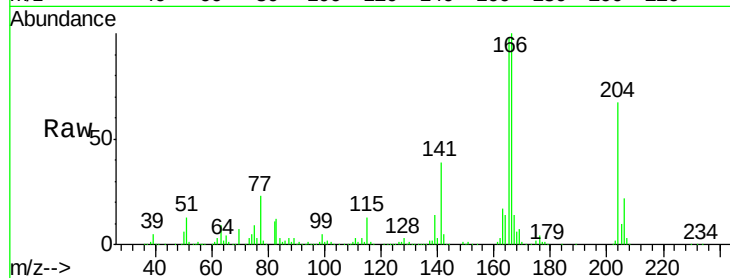
Tot Ion:166 Resp: 781846

Ion Ratio Lower Upper

166 100

165 98.2 78.6 118.0

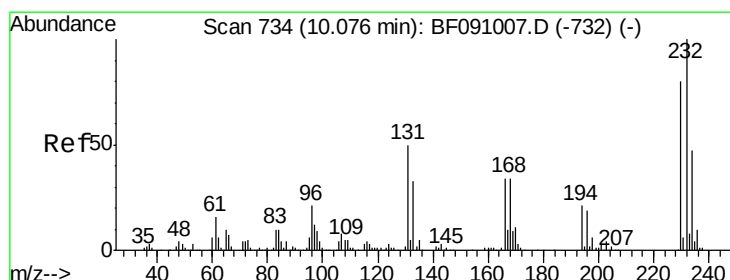
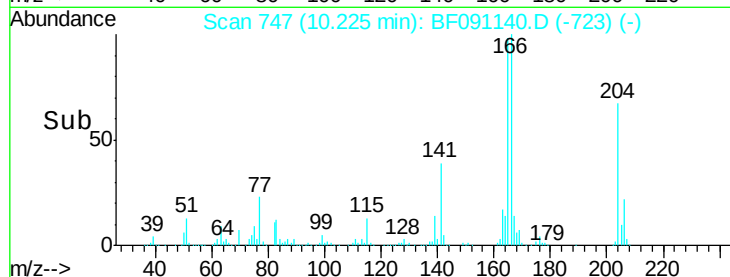
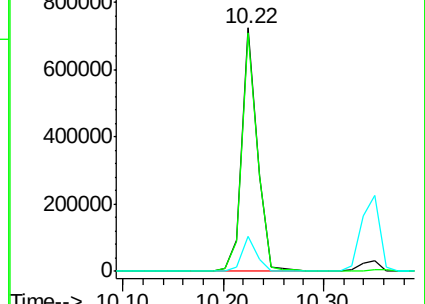
167 14.1 11.1 16.7



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: 38.74 ng

RT: 10.02 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:232 Resp: 189410

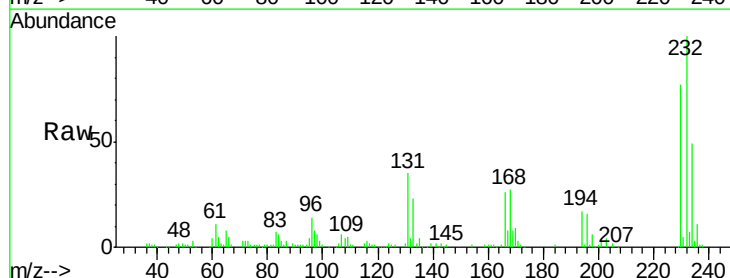
Ion Ratio Lower Upper

232 100

131 56.7 43.6 65.4

130 2.7 2.0 3.0

166 34.0 27.4 41.2

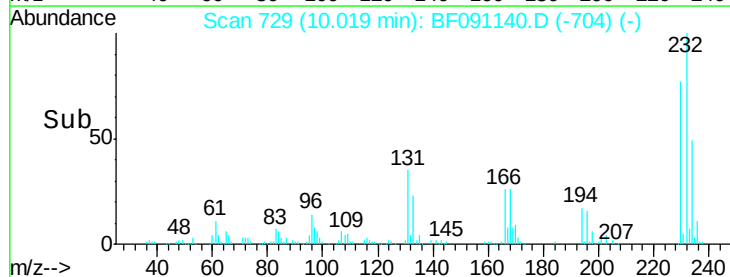
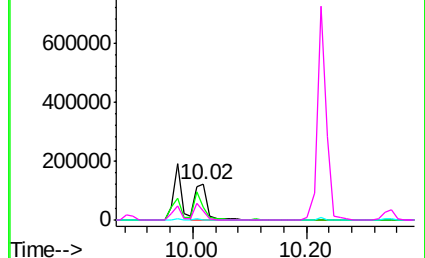


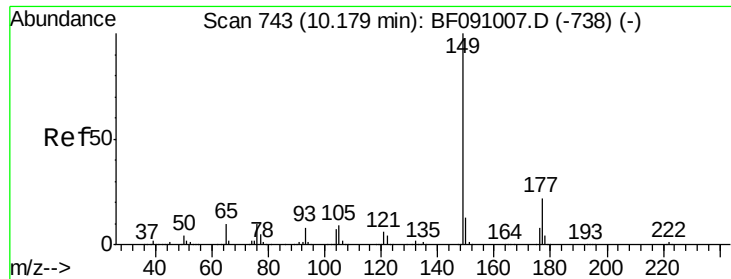
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

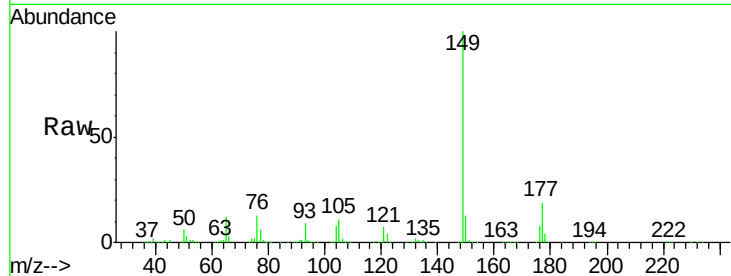




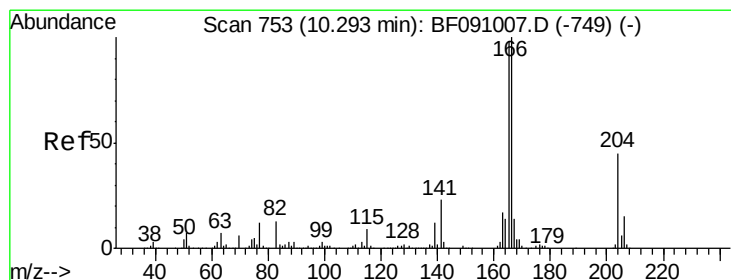
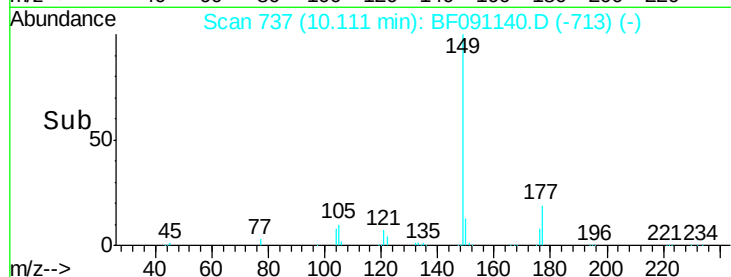
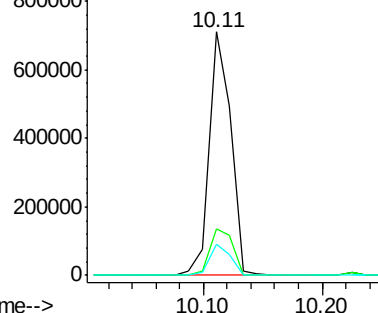
#59
Diethylphthalate
Concen: 37.10 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 900616
Ion Ratio Lower Upper
149 100
177 18.9 17.3 25.9
150 12.8 10.3 15.5

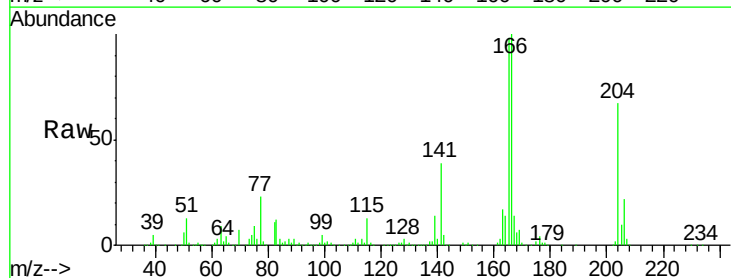


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

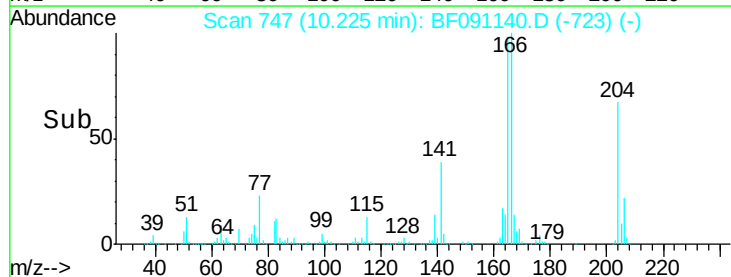
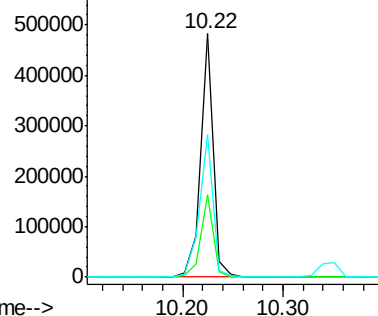


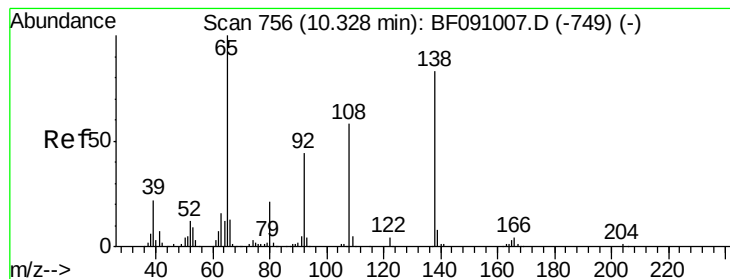
#60
4-Chlorophenyl-phenylether
Concen: 42.78 ng
RT: 10.22 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:204 Resp: 419617
Ion Ratio Lower Upper
204 100
206 33.7 27.1 40.7
141 58.3 40.1 60.1



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





#61

4-Nitroaniline

Concen: 36.56 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

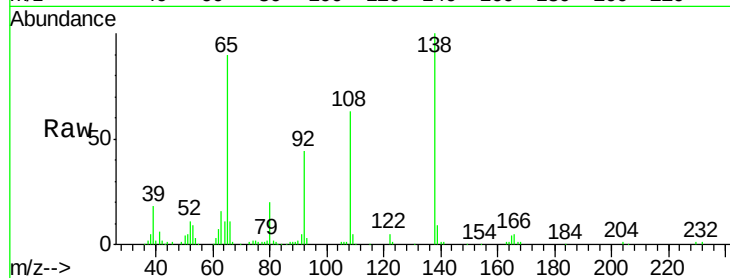
Tot Ion:138 Resp: 222589

Ion Ratio Lower Upper

138 100

92 43.7 32.5 72.5

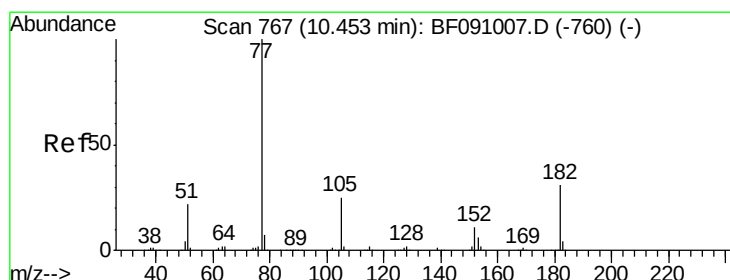
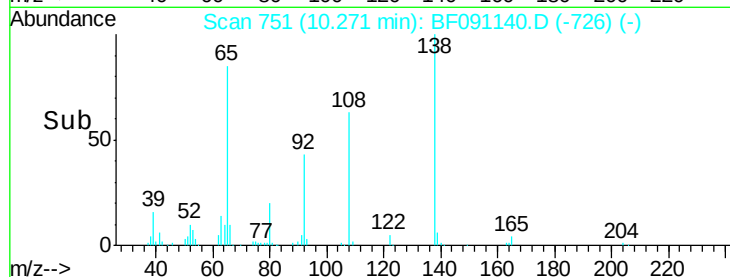
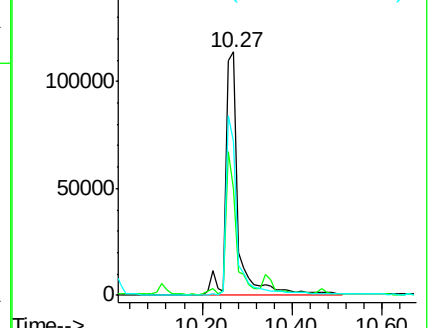
108 63.3 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.19 ng

RT: 10.38 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion: 77 Resp: 1120121

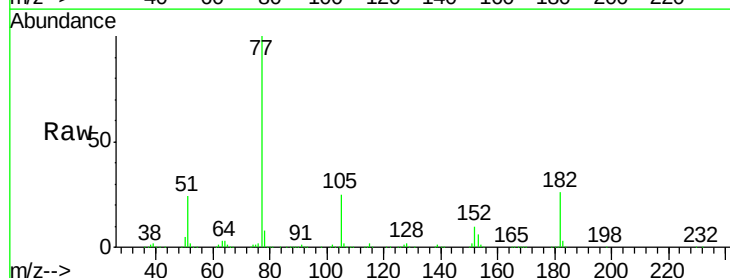
Ion Ratio Lower Upper

77 100

182 25.5 11.0 51.0

105 24.5 5.6 45.6

51 24.2 2.7 42.7

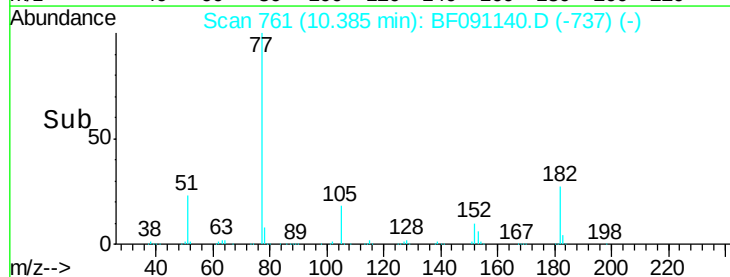
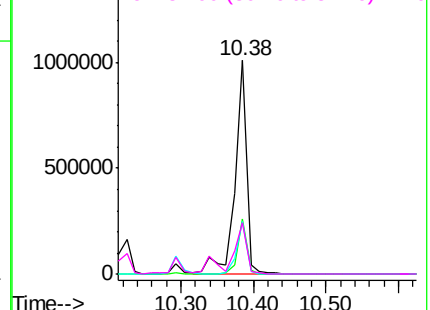


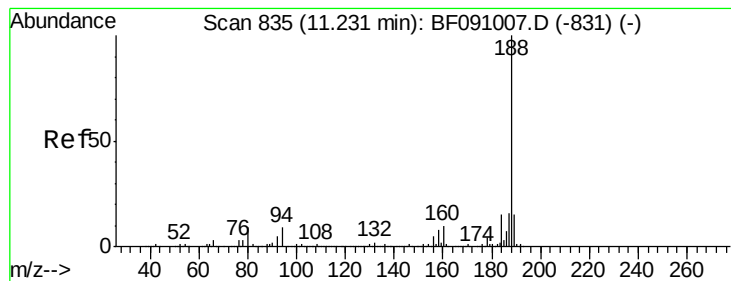
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

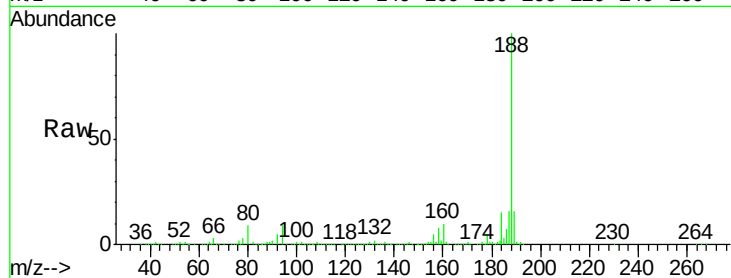
Tot Ion:188 Resp: 638673

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

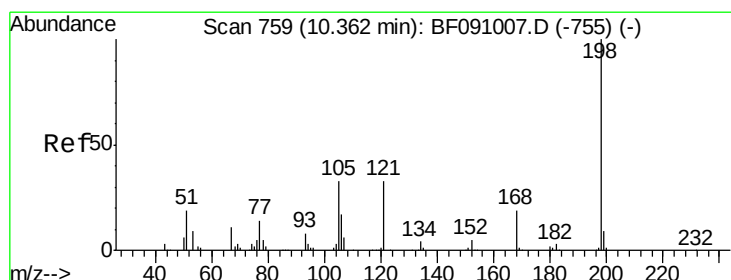
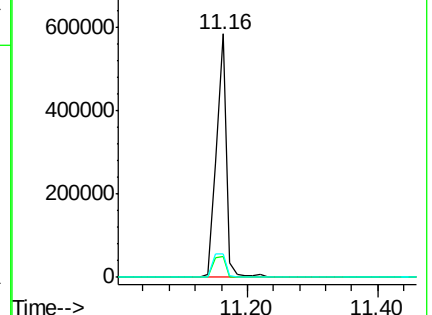
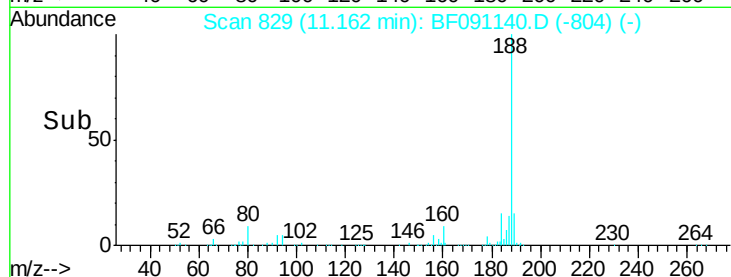
80 9.4 7.5 11.3



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: 35.93 ng

RT: 10.29 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

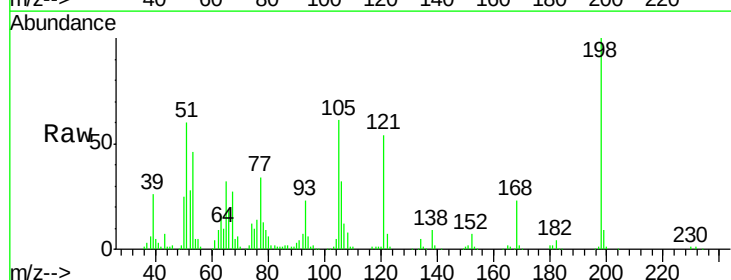
Tgt Ion:198 Resp: 140503

Ion Ratio Lower Upper

198 100

51 60.1 5.9 45.9#

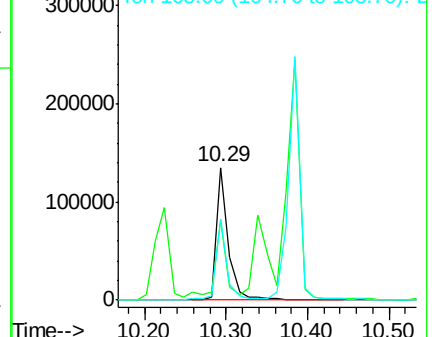
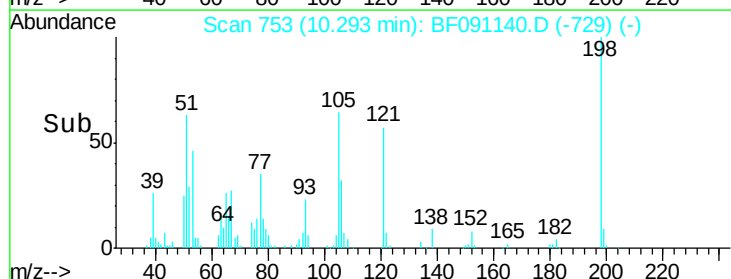
105 61.2 13.8 53.8#

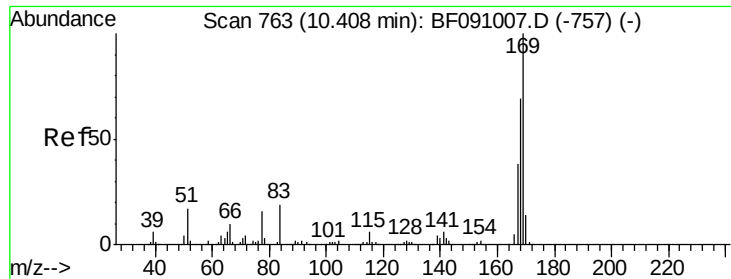


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.65 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

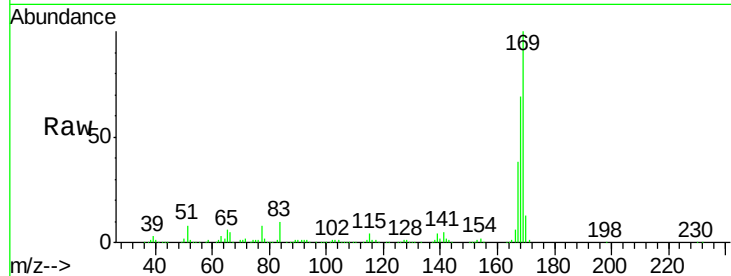
Tot Ion:169 Resp: 764394

Ion Ratio Lower Upper

169 100

168 69.2 55.3 82.9

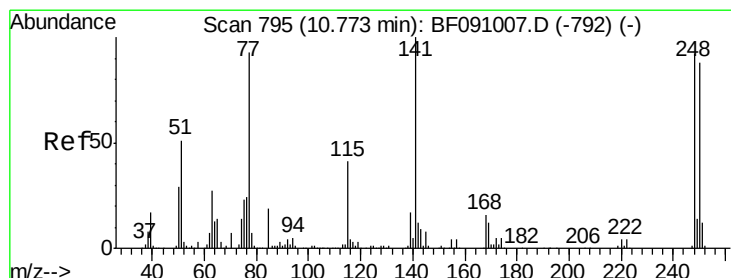
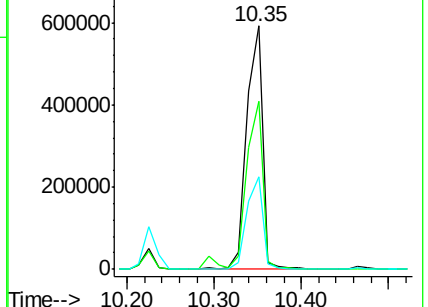
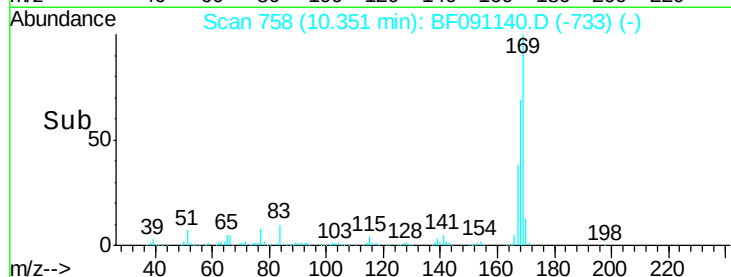
167 37.9 30.3 45.5



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: 33.36 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

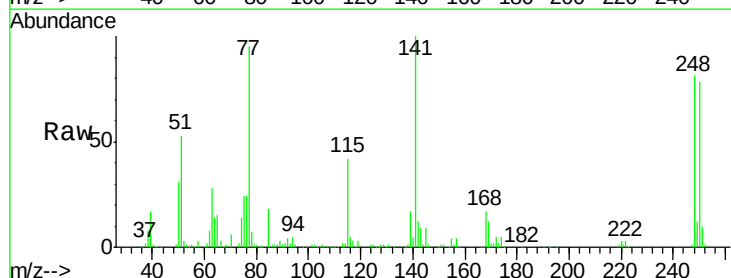
Tgt Ion:248 Resp: 221589

Ion Ratio Lower Upper

248 100

250 95.4 76.3 114.5

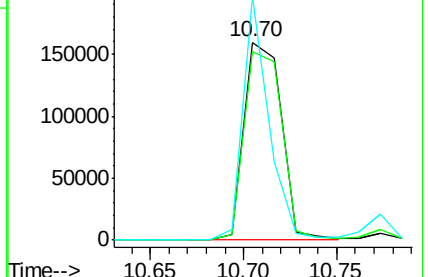
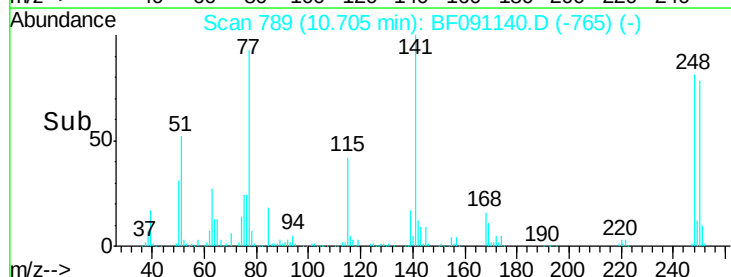
141 122.9 86.8 130.2

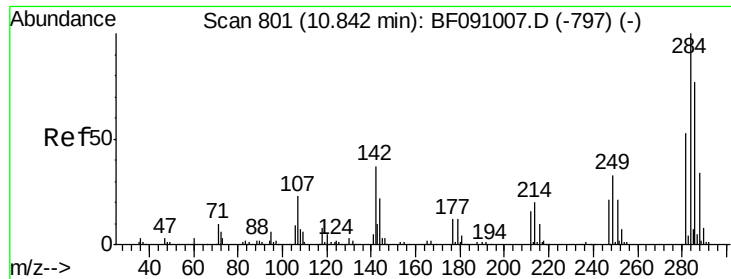


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

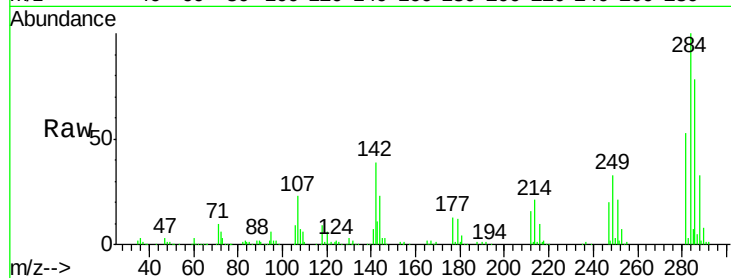




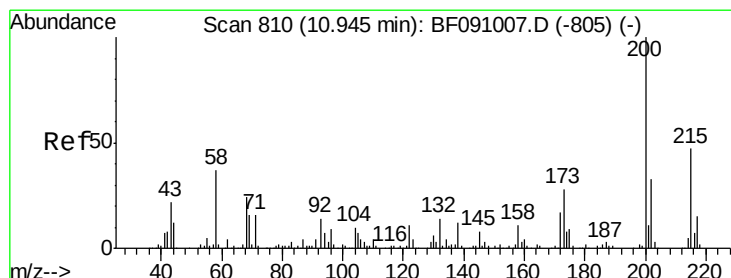
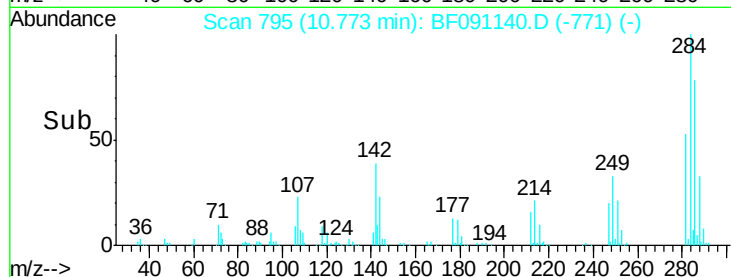
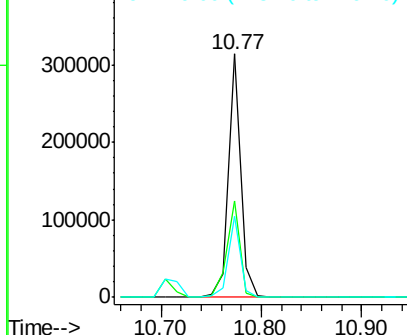
#67
Hexachlorobenzene
Concen: 36.74 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.4	29.9	44.9
249	33.0	26.6	39.8

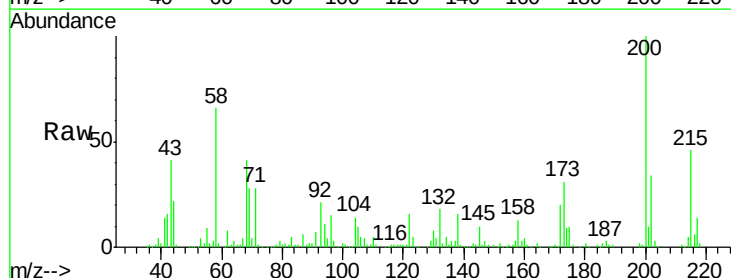


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

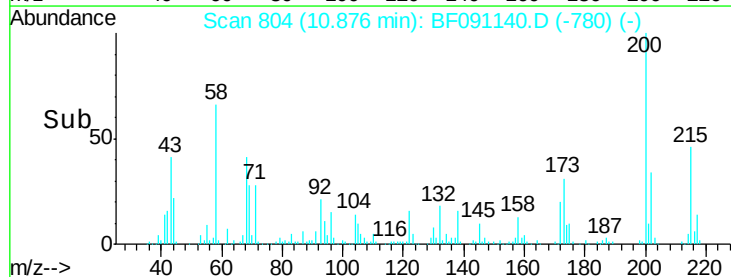
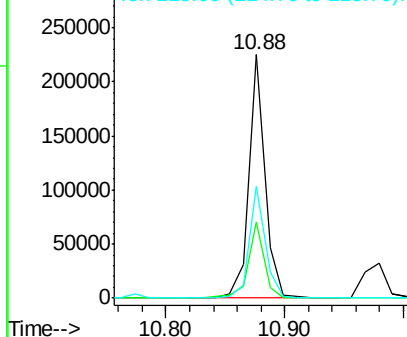


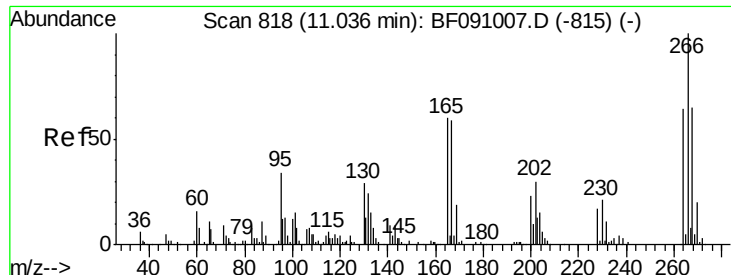
#68
Atrazine
Concen: 36.61 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.0	8.1	48.1
215	46.0	27.3	67.3



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

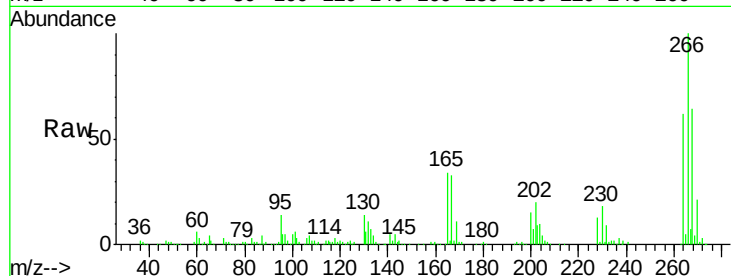




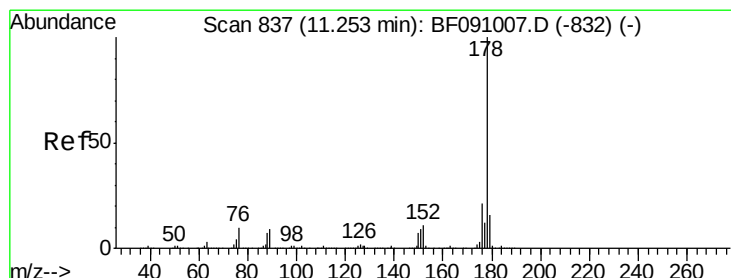
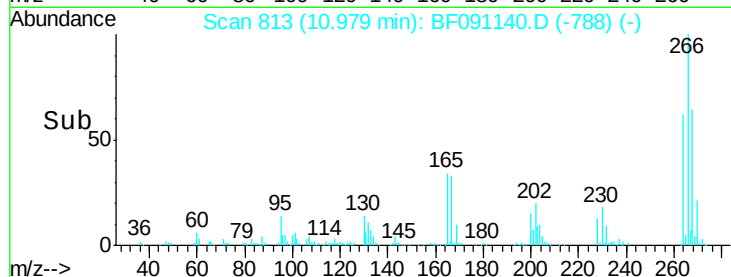
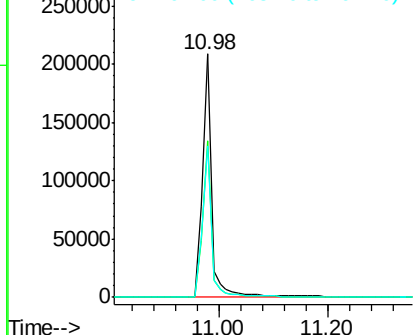
#69
 Pentachlorophenol
 Concen: 75.25 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 244186
 Ion Ratio Lower Upper
 266 100
 268 64.4 52.1 78.1
 264 62.4 51.1 76.7

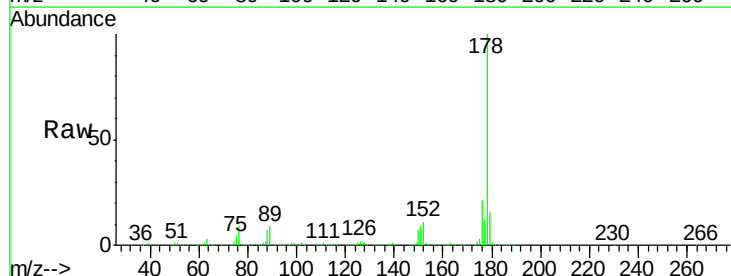


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

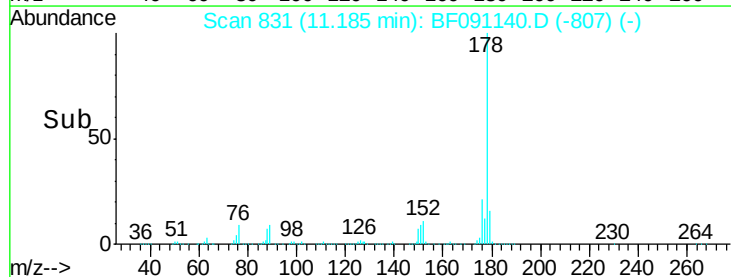
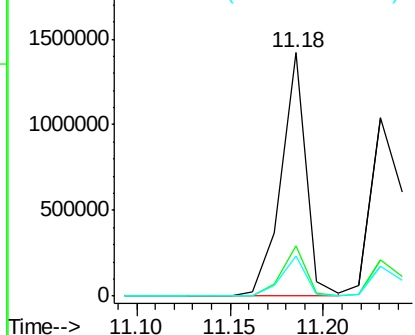


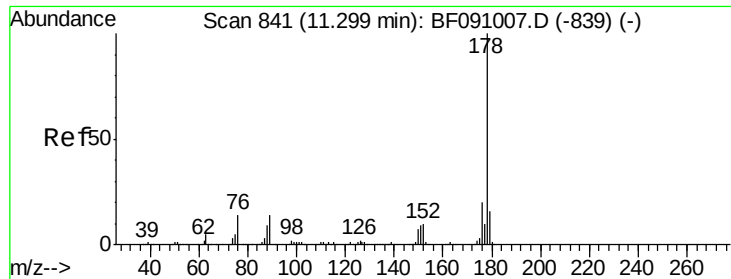
#70
 Phenanthrene
 Concen: 38.62 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:178 Resp: 1311366
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.6 25.0
 179 16.2 12.9 19.3



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

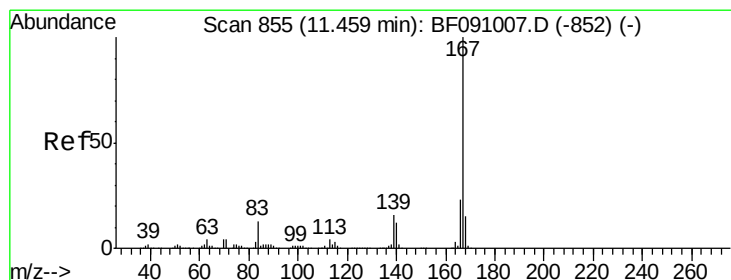
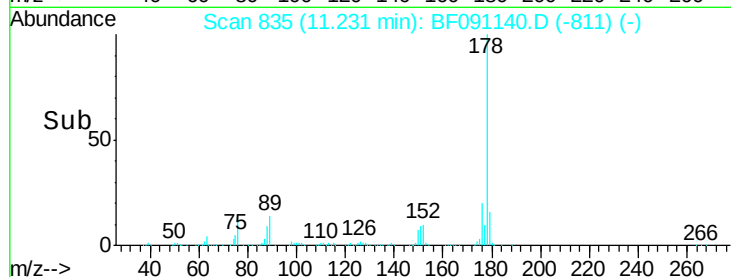
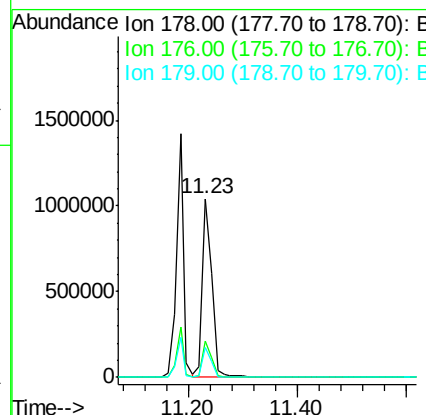
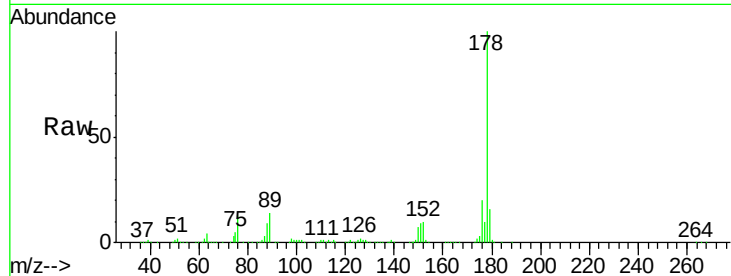




#71
 Anthracene
 Concen: 34.32 ng
 RT: 11.23 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

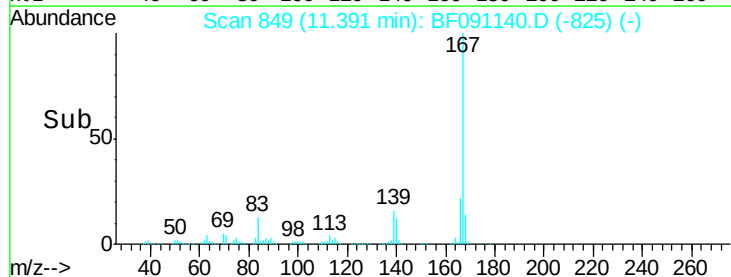
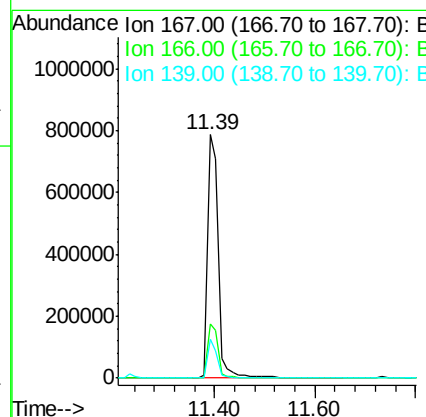
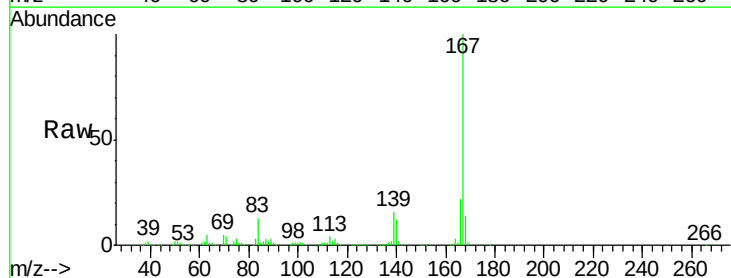
Instrument :
 BNA_F
 ClientSampleId :

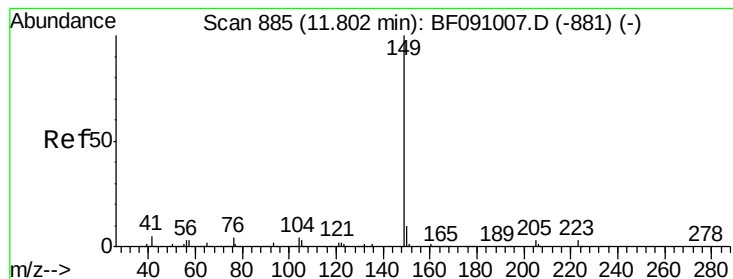
Tot Ion:178 Resp: 1238949
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.4 13.0 19.6



#72
 Carbazole
 Concen: 35.29 ng
 RT: 11.39 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:167 Resp: 1147959
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 15.9 12.6 18.8





#73

Di-n-butylphthalate

Concen: 36.17 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

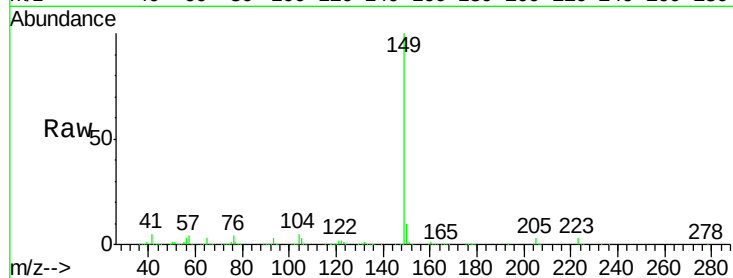
Tot Ion:149 Resp: 1479682

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

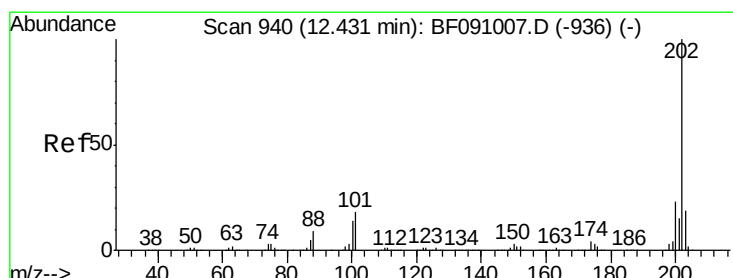
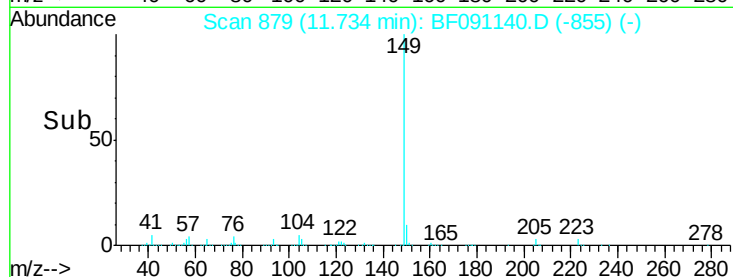
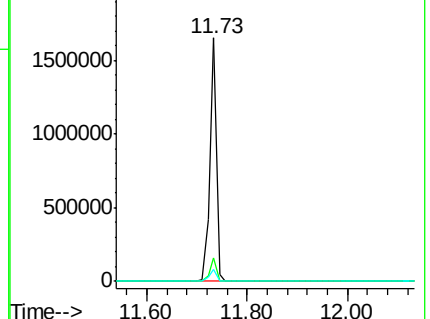
104 4.9 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.49 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

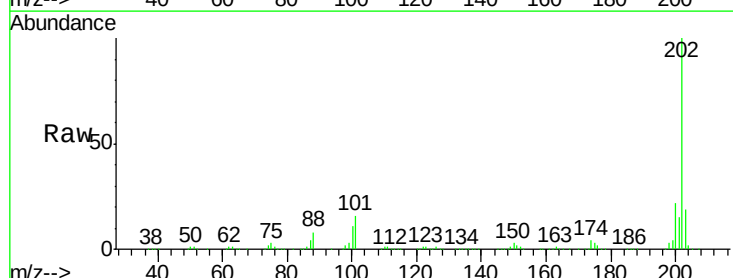
Tgt Ion:202 Resp: 1214452

Ion Ratio Lower Upper

202 100

101 15.6 0.0 37.6

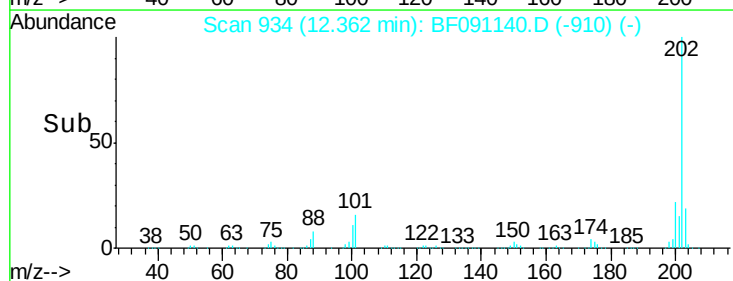
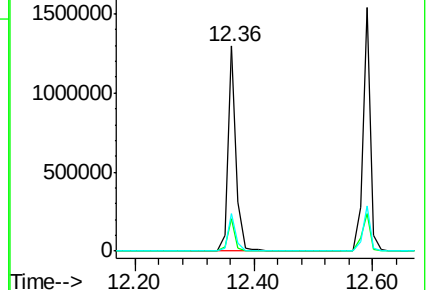
203 18.5 0.0 38.6

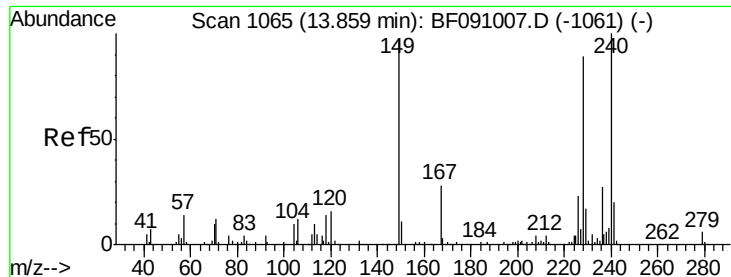


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

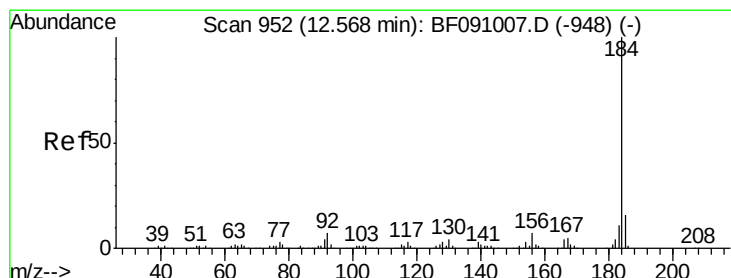
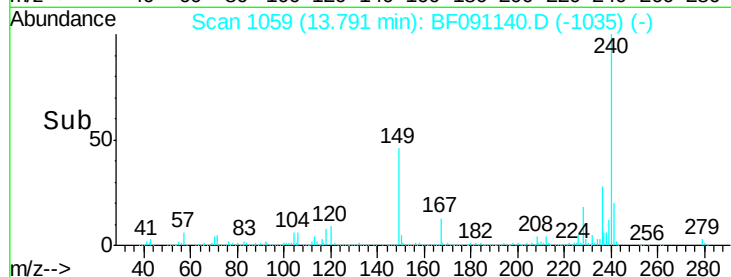
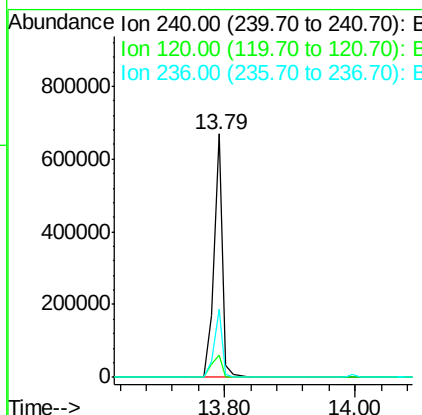
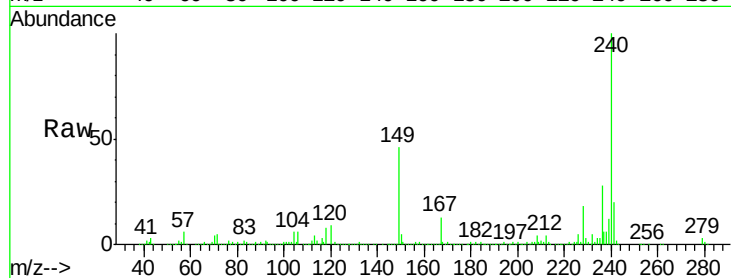




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

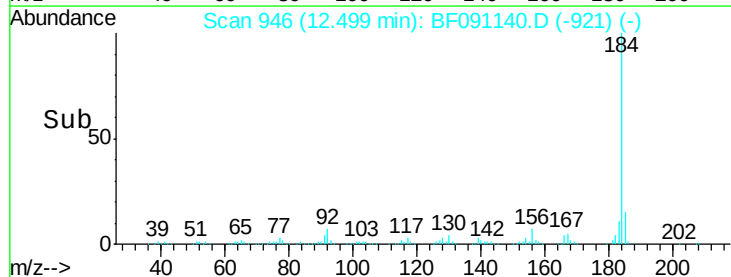
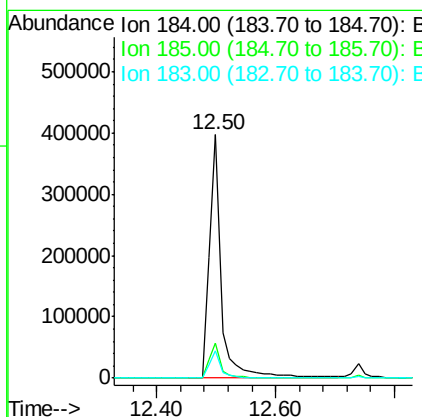
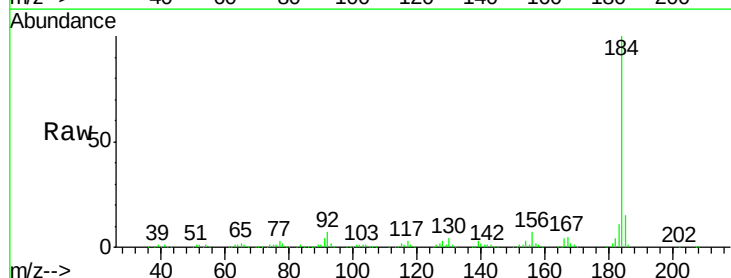
Instrument :
 BNA_F
 ClientSampleId :

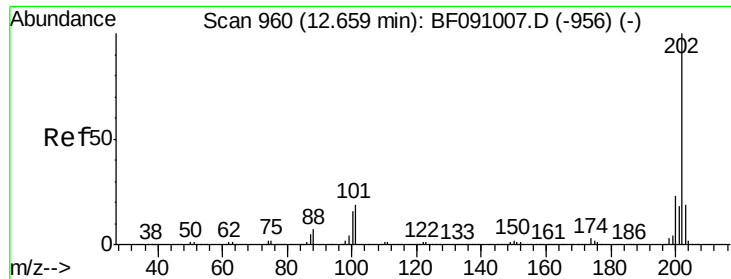
Tot Ion:240 Resp: 612854
 Ion Ratio Lower Upper
 240 100
 120 9.3 12.9 19.3#
 236 28.0 21.9 32.9



#76
 Benzidine
 Concen: 40.34 ng
 RT: 12.50 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:184 Resp: 552261
 Ion Ratio Lower Upper
 184 100
 185 14.5 13.0 19.4
 183 11.4 8.7 13.1

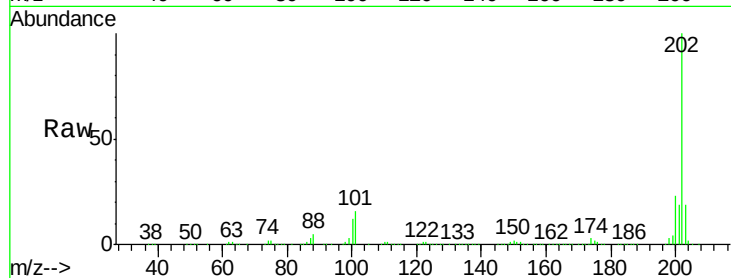




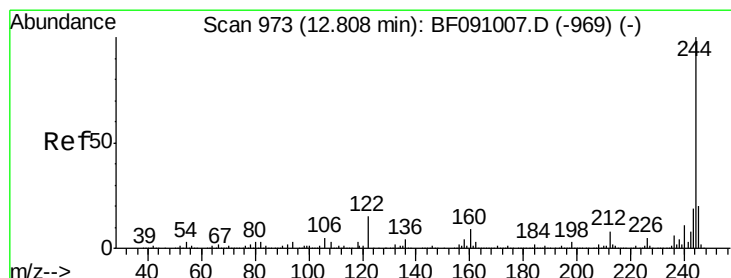
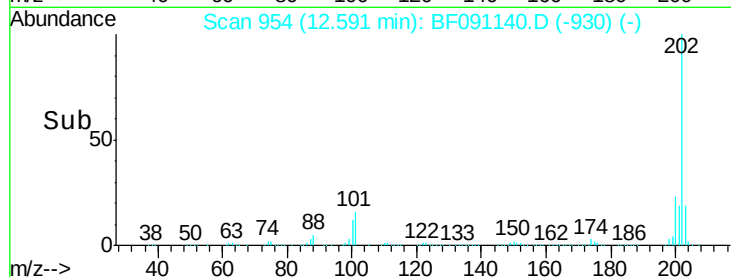
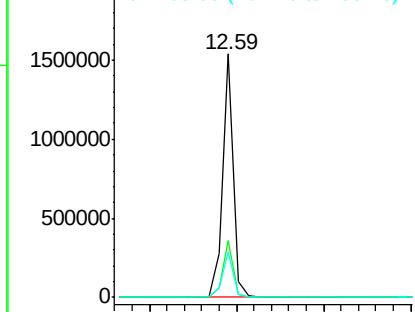
#77
Pvrene
Concen: 33.28 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1335574
Ion Ratio Lower Upper
202 100
200 23.2 18.4 27.6
203 18.6 15.0 22.6

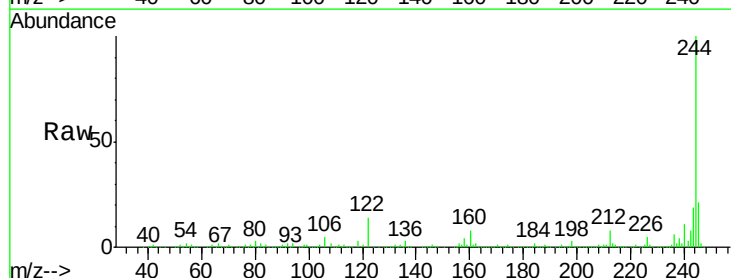


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

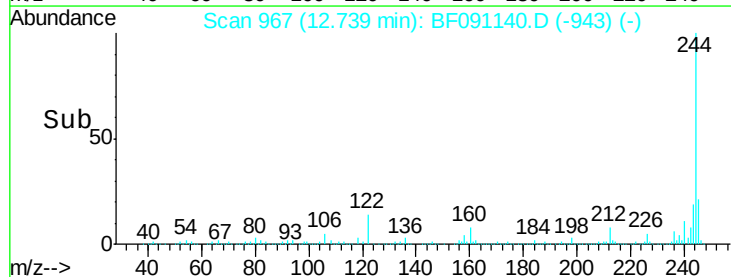
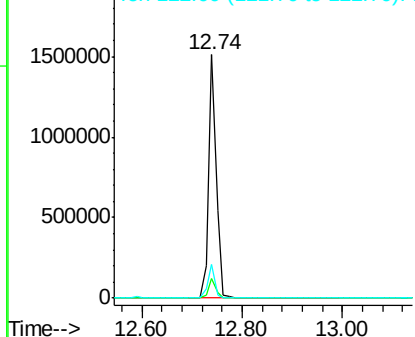


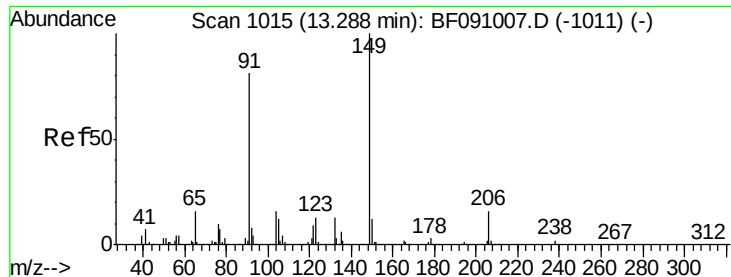
#78
Terphenyl-d14
Concen: 64.81 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:244 Resp: 1591716
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 13.7 12.3 18.5



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

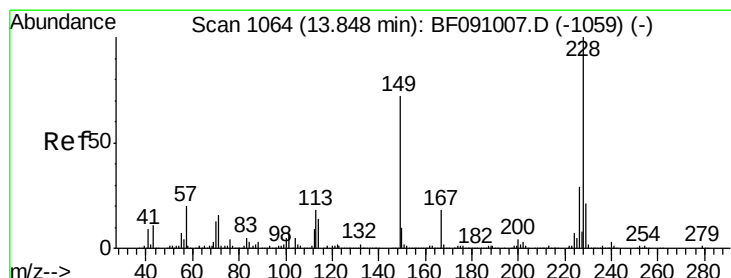
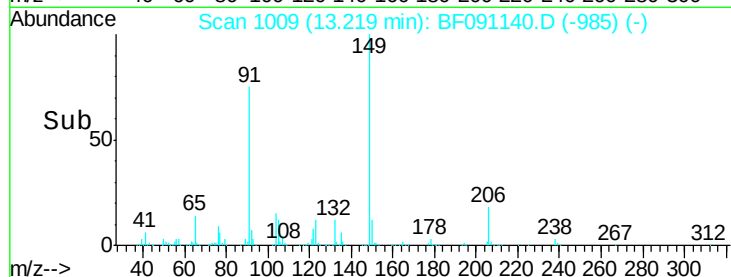
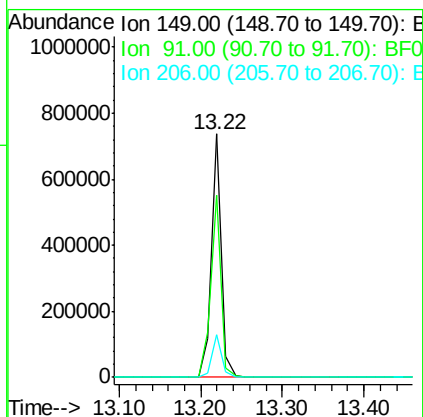
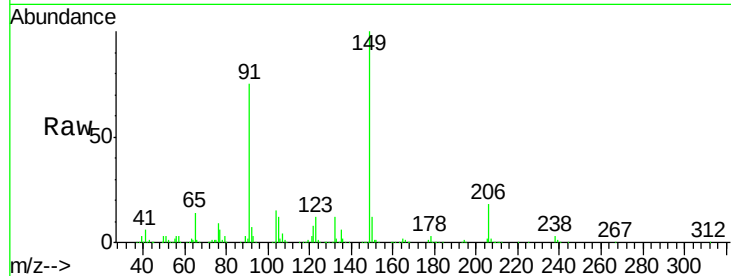




#79
Butylbenzylphthalate
Concen: 33.43 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

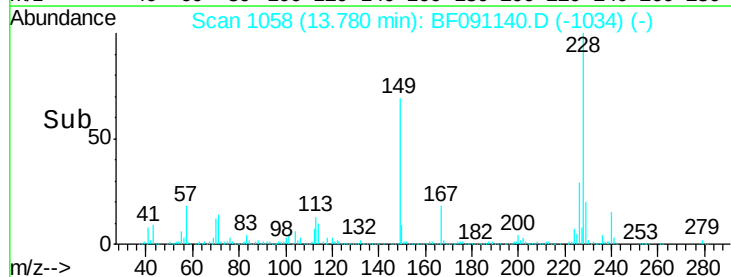
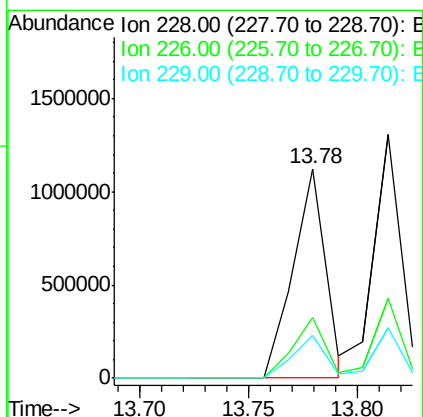
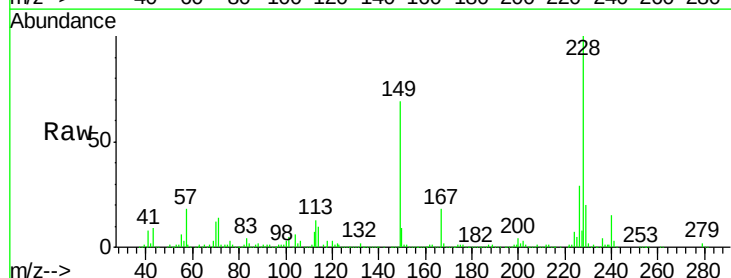
Instrument :
BNA_F
ClientSampled :

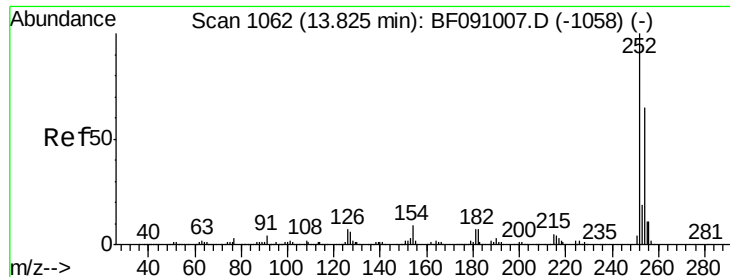
Tot Ion:149 Resp: 641866
Ion Ratio Lower Upper
149 100
91 74.7 65.0 97.4
206 17.7 12.5 18.7



#80
Benzo(a)anthracene
Concen: 33.67 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:228 Resp: 1171651
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 20.5 16.6 24.8





#81

3,3'-Dichlorobenzidine

Concen: 17.26 ng

RT: 13.75 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampled :

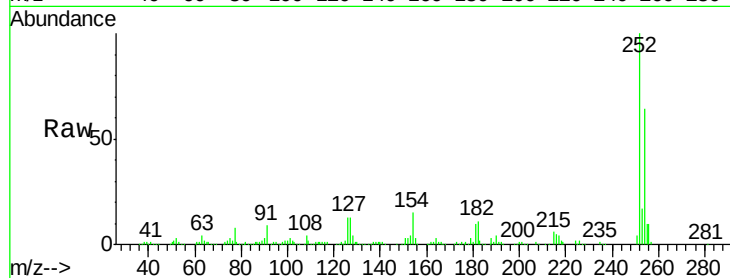
Tot Ion:252 Resp: 210971

Ion Ratio Lower Upper

252 100

254 64.0 52.0 78.0

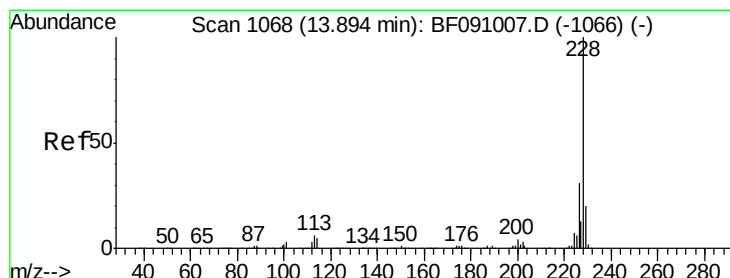
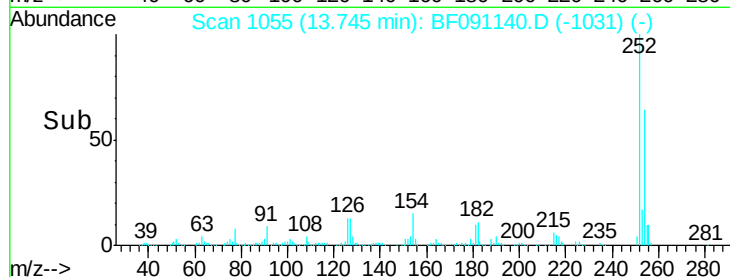
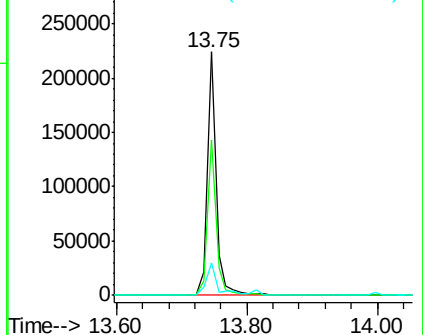
126 13.3 5.4 8.2#



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: 34.25 ng

RT: 13.81 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

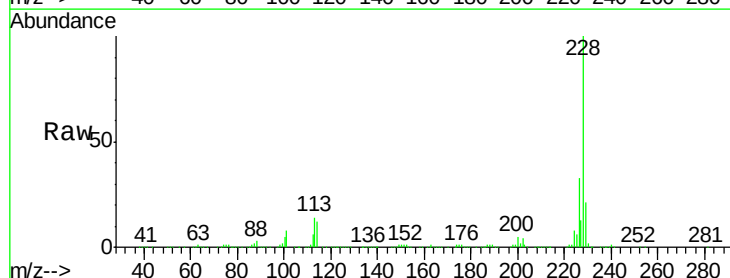
Tgt Ion:228 Resp: 1175061

Ion Ratio Lower Upper

228 100

226 32.5 24.9 37.3

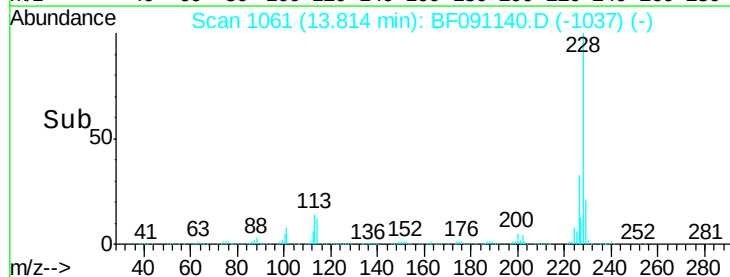
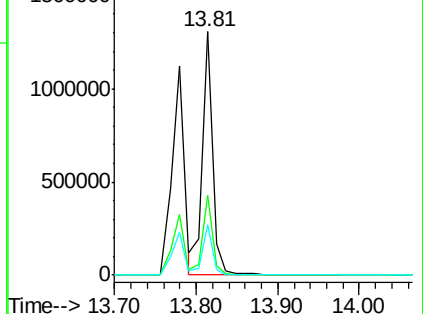
229 20.8 15.9 23.9

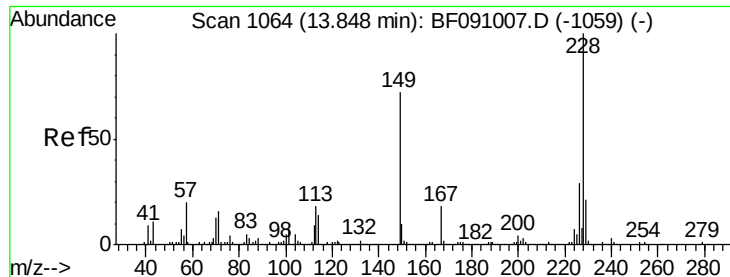


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.39 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

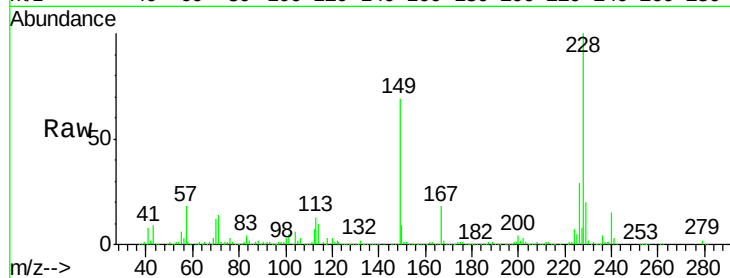
Tot Ion:149 Resp: 789514

Ion Ratio Lower Upper

149 100

167 26.1 20.4 30.6

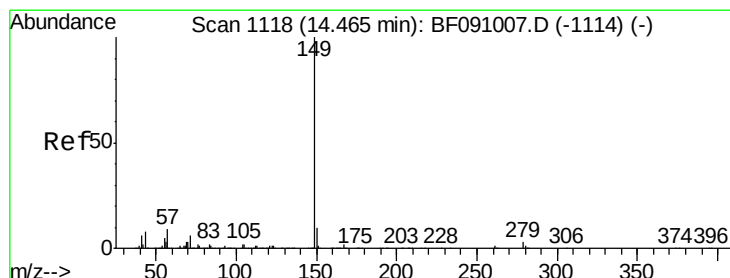
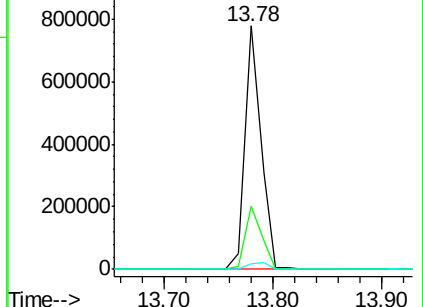
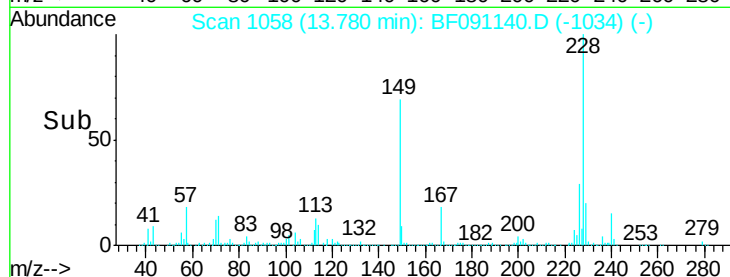
279 2.4 1.6 2.4#



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: 33.73 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

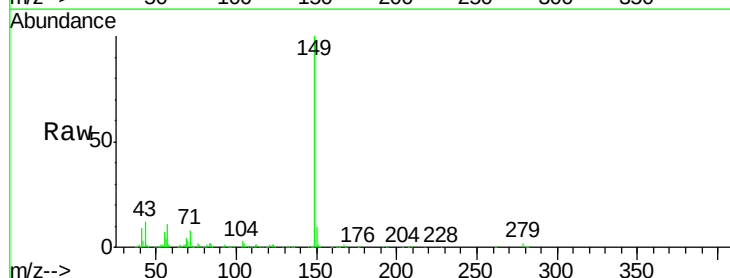
Tgt Ion:149 Resp: 1441018

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

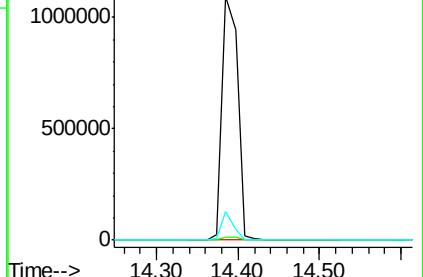
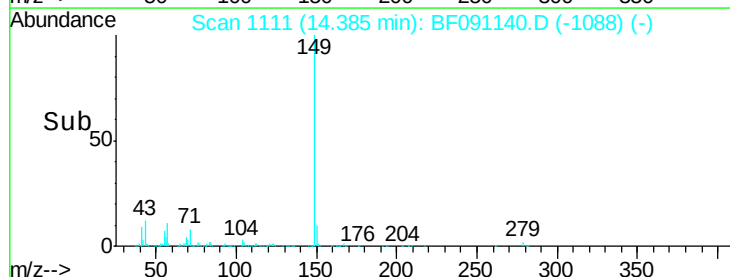
43 8.8 8.2 12.4

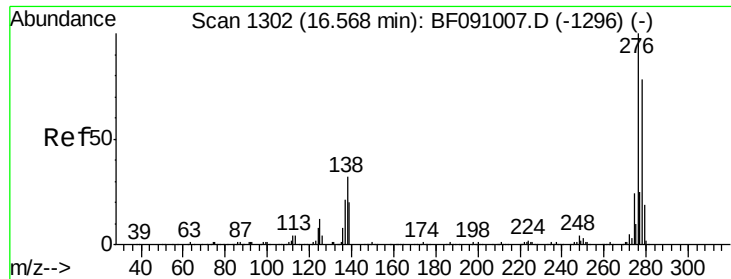


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

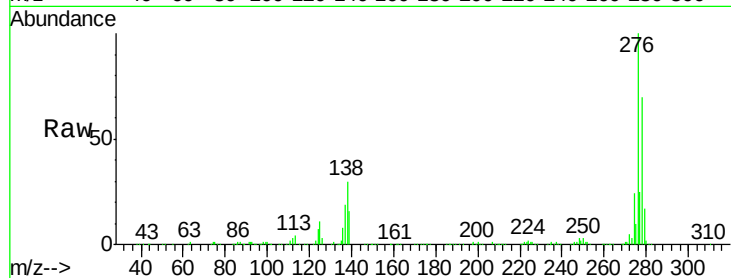




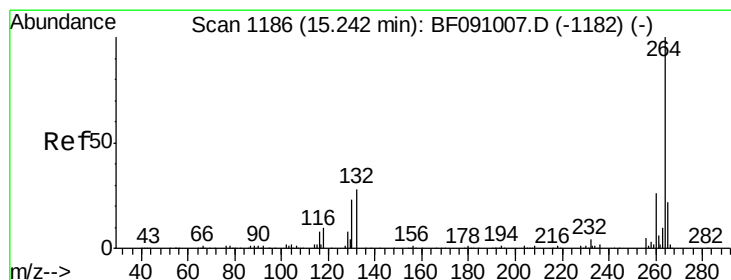
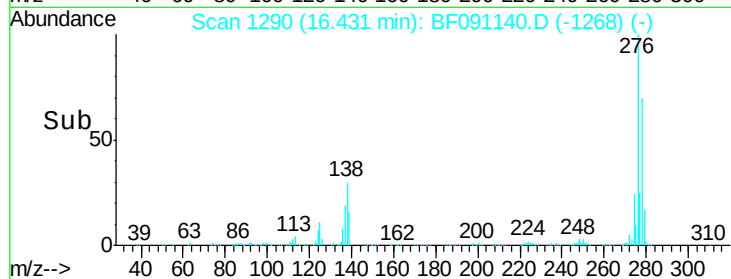
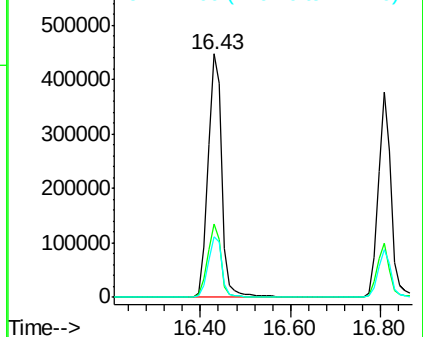
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.47 ng
 RT: 16.43 min Scan# 1290
 Delta R.T. -0.05 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	26.0	39.0
277	25.1	20.1	30.1

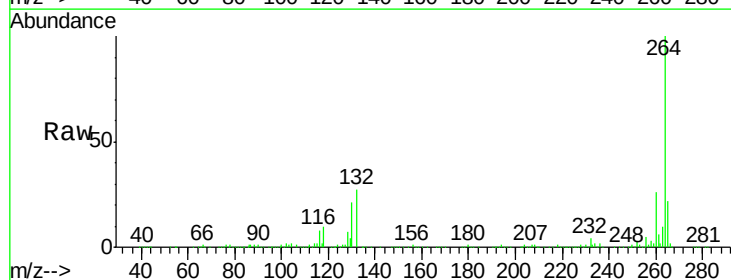


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

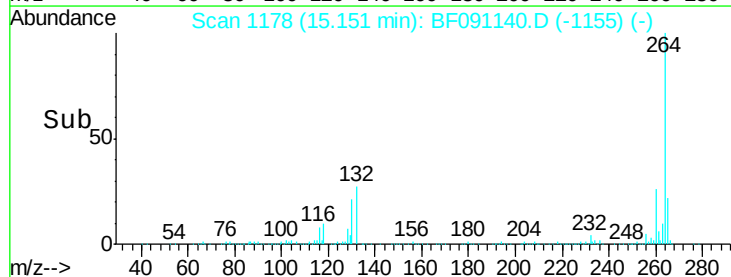
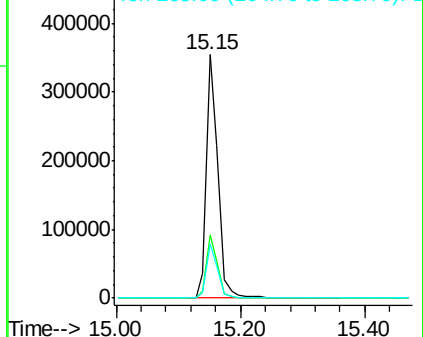


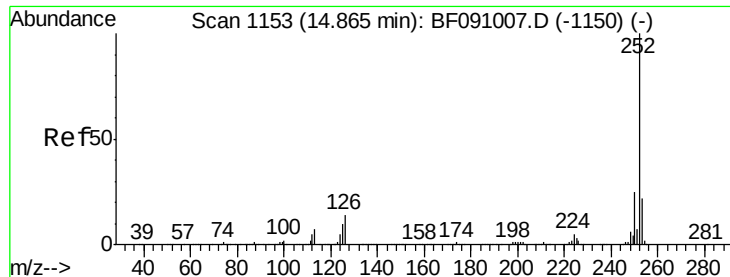
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	30.8
265	22.3	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

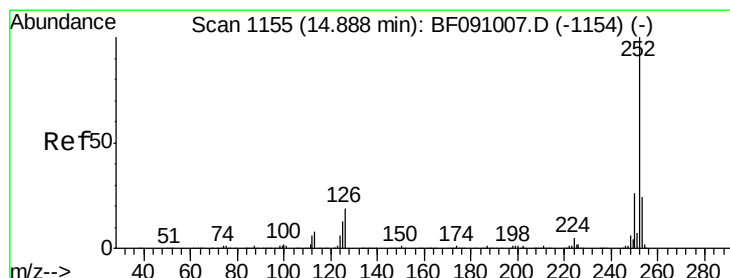
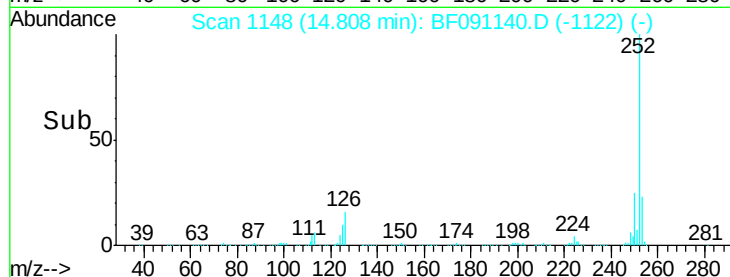
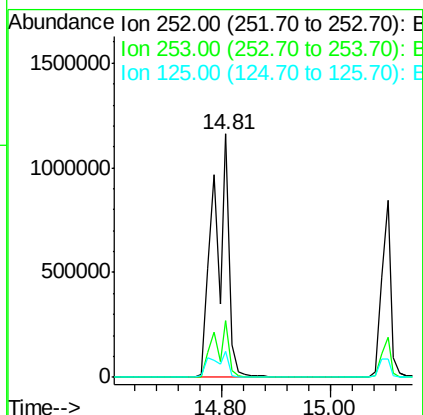
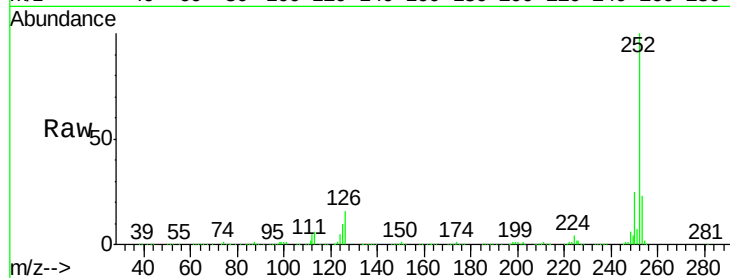




#87
Benzo(b)fluoranthene
Concen: 72.02 ng
RT: 14.81 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

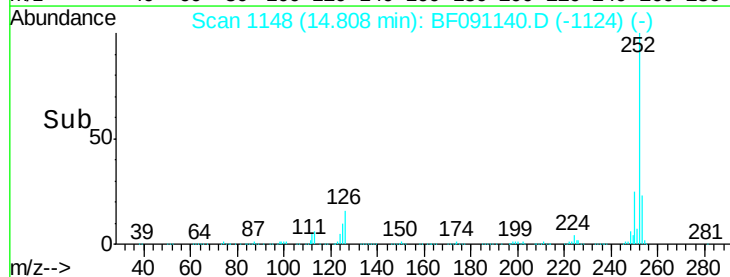
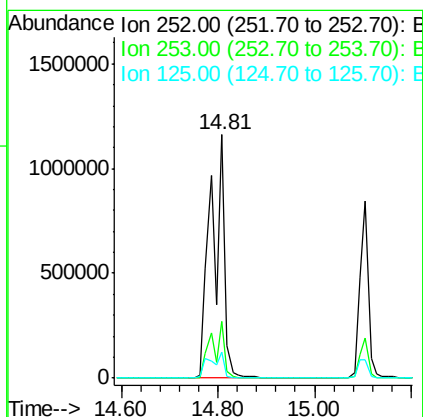
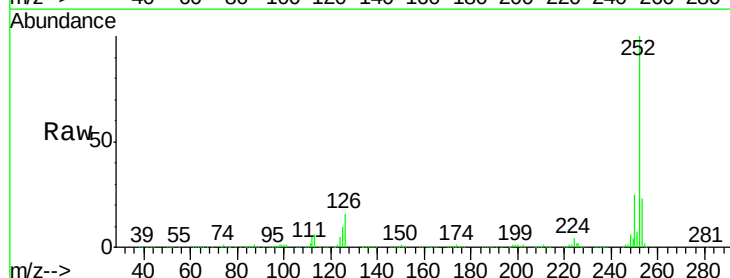
Instrument :
BNA_F
ClientSampleId :

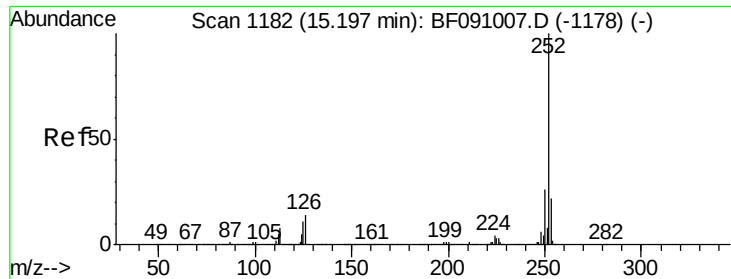
Tot Ion:252 Resp: 2235625
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 10.5 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 82.18 ng
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:252 Resp: 2237633
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 10.5 11.2 16.8#

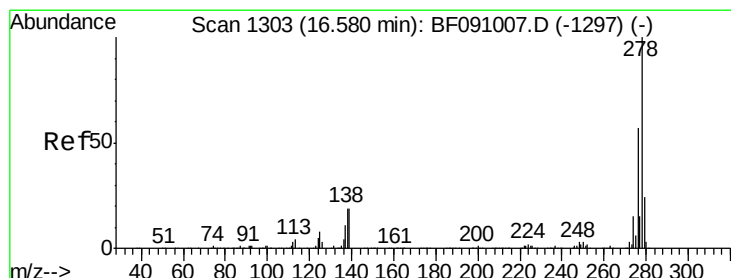
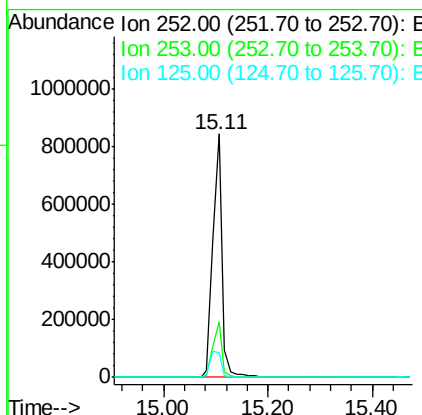
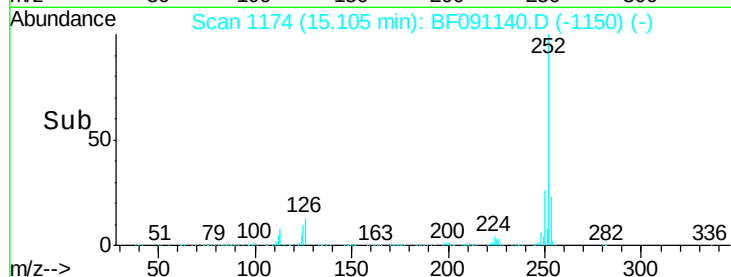
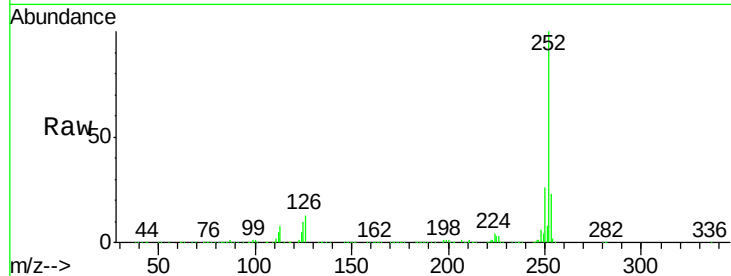




#89
Benzo(a)pyrene
Concen: 38.04 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

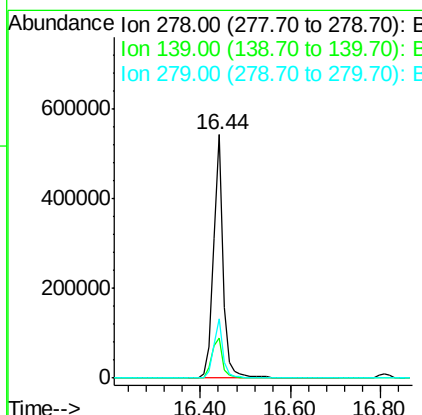
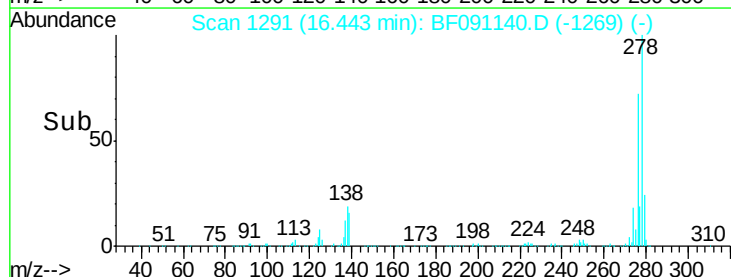
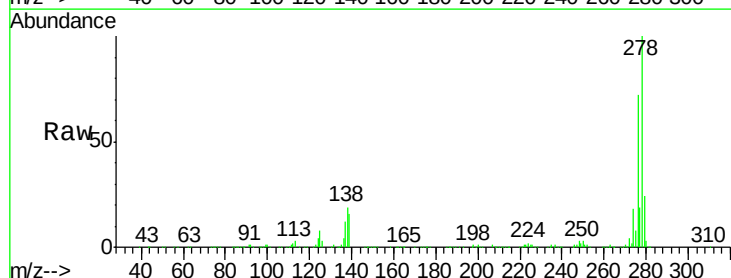
Instrument :
BNA_F
ClientSampled :

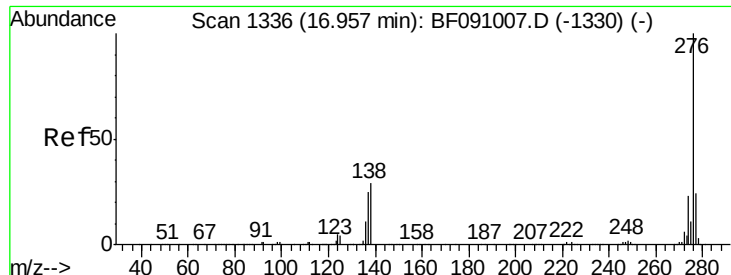
Tot Ion:252 Resp: 1027807
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.1 8.6 13.0



#90
Dibenzo(a,h)anthracene
Concen: 34.92 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:278 Resp: 815840
Ion Ratio Lower Upper
278 100
139 16.2 15.3 22.9
279 24.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 35.18 ng

RT: 16.81 min Scan# 1323

Delta R.T. -0.05 min

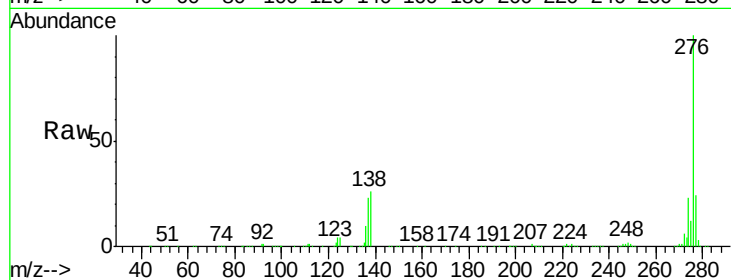
Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :



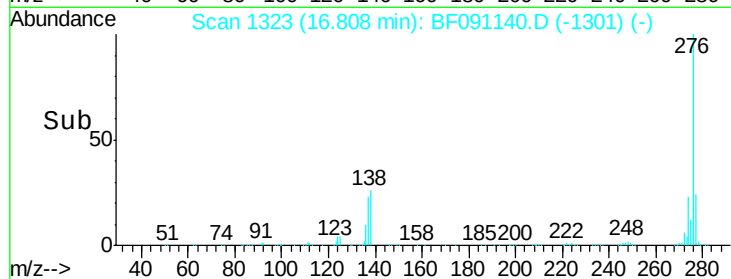
Tot Ion: 276 Resp: 743154

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 26.3 23.3 34.9



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

