

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091270.D
 Acq On : 23 Nov 2016 10:51
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 12:00:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 11:54:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	211180	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	897064	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	482479	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	811442	20.00	ng	0.00
75) Chrysene-d12	14.04	240	569374	20.00	ng	0.00
86) Perylene-d12	15.47	264	483900	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	984195	77.48	ng	0.00
7) Phenol-d6	6.50	99	1374580	90.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	1255520	77.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	363047	80.60	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2052894	74.31	ng	0.00
78) Terphenyl-d14	12.99	244	2100077	83.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	245248	42.48	ng	89
3) Pyridine	3.22	79	675226	44.73	ng	87
4) n-Nitrosodimethylamine	3.17	42	360203	44.22	ng	94
6) Aniline	6.54	93	867397	47.54	ng	# 68
8) 2-Chlorophenol	6.66	128	548297	40.29	ng	# 81
9) Benzaldehyde	6.42	77	331007	43.40	ng	92
10) Phenol	6.52	94	745217	41.94	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	517596	37.38	ng	96
12) 1,3-Dichlorobenzene	6.82	146	619472	41.87	ng	97
13) 1,4-Dichlorobenzene	6.90	146	654922	42.36	ng	99
14) 1,2-Dichlorobenzene	7.05	146	536530	39.08	ng	97
15) Benzyl Alcohol	7.02	79	540309	45.28	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1173498	44.29	ng	72
17) 2-Methylphenol	7.13	107	439582	32.12	ng	# 76
18) Hexachloroethane	7.40	117	225251	39.37	ng	# 83
19) n-Nitroso-di-n-propylamine	7.30	70	414195	37.31	ng	# 95
20) 3+4-Methylphenols	7.29	107	585046	42.76	ng	# 66
22) Acetophenone	7.29	105	706286	33.03	ng	# 73
24) Nitrobenzene	7.46	77	575379	31.77	ng	95
25) Isophorone	7.71	82	1098502	35.80	ng	# 94
26) 2-Nitrophenol	7.78	139	284328	36.75	ng	92
27) 2,4-Dimethylphenol	7.81	122	500162	41.02	ng	95
28) bis(2-Chloroethoxy)methane	7.92	93	647287	38.59	ng	100
29) 2,4-Dichlorophenol	8.02	162	483056	39.82	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	549687	40.57	ng	96
31) Naphthalene	8.19	128	1727644	41.22	ng	100
32) Benzoic acid	7.94	122	412007	47.51	ng	93
33) 4-Chloroaniline	8.24	127	763266	44.99	ng	98
34) Hexachlorobutadiene	8.32	225	312730	38.93	ng	98
35) Caprolactam	8.61	113	149144	43.66	ng	# 76
36) 4-Chloro-3-methylphenol	8.72	107	530839	39.93	ng	# 84
37) 2-Methylnaphthalene	8.88	142	1029897	36.65	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	547336	40.23	ng	97
40) Hexachlorocyclopentadiene	9.04	237	242880	58.58	ng	99

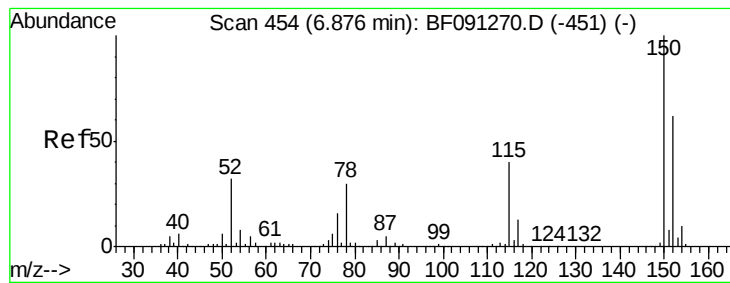
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091270.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	355013	42.87	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	333927	38.50	nq	# 84
45) 1,1'-Biphenyl	9.34	154	1395982	37.94	nq	96
46) 2-Chloronaphthalene	9.37	162	982903	35.90	nq	98
47) 2-Nitroaniline	9.46	65	376084	37.02	nq	# 81
48) Acenaphthylene	9.78	152	1495749	36.30	nq	99
49) Dimethylphthalate	9.65	163	1209075	37.56	nq	99
50) 2,6-Dinitrotoluene	9.70	165	253134	36.68	nq	89
51) Acenaphthene	9.95	154	1058901	41.45	nq	96
52) 3-Nitroaniline	9.87	138	297837	40.48	nq	94
53) 2,4-Dinitrophenol	9.97	184	99549	27.99	nq	# 80
54) Dibenzofuran	10.12	168	1385205	38.93	nq	99
55) 4-Nitrophenol	10.02	139	239526	67.45	nq	89
56) 2,4-Dinitrotoluene	10.10	165	309976	35.68	nq	# 56
57) Fluorene	10.46	166	1016007	35.28	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	290749	39.82	nq	96
59) Diethylphthalate	10.35	149	1201931	38.52	nq	# 94
60) 4-Chlorophenyl-phenylether	10.46	204	527255	38.99	nq	94
61) 4-Nitroaniline	10.48	138	269843	35.60	nq	89
62) Azobenzene	10.62	77	1303990	35.14	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	166636	32.17	nq	# 61
65) n-Nitrosodiphenylamine	10.58	169	918118	37.55	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	364858	43.02	nq	# 75
67) Hexachlorobenzene	11.01	284	362898	39.22	nq	# 85
68) Atrazine	11.10	200	237247	29.93	nq	98
69) Pentachlorophenol	11.21	266	243026	66.32	nq	99
70) Phenanthrene	11.42	178	1517341	35.58	nq	99
71) Anthracene	11.48	178	1799318	42.34	nq	99
72) Carbazole	11.63	167	1544387	39.66	nq	98
73) Di-n-butylphthalate	11.97	149	1841986	39.75	nq	99
74) Fluoranthene	12.61	202	1769512	38.10	nq	100
76) Benzidine	12.73	184	457403	35.77	nq	99
77) Pyrene	12.84	202	1827252	41.84	nq	99
79) Butylbenzylphthalate	13.47	149	717067	39.11	nq	# 80
80) Benzo(a)anthracene	14.02	228	1309742	37.97	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	439536	36.76	nq	# 96
82) Chrysene	14.07	228	1372746	38.71	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	940472	40.47	nq	# 94
84) Di-n-octyl phthalate	14.64	149	1395848	34.30	nq	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	1069375	37.92	nq	96
87) Benzo(b)fluoranthene	15.06	252	1153491	39.67	nq	# 97
88) Benzo(k)fluoranthene	15.06	252	1153491	39.26	nq	# 96
89) Benzo(a)pyrene	15.41	252	1033348	38.75	nq	# 95
90) Dibenzo(a,h)anthracene	16.91	278	954576	43.44	nq	# 93
91) Benzo(g,h,i)perylene	17.31	276	917938	40.87	nq	99

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

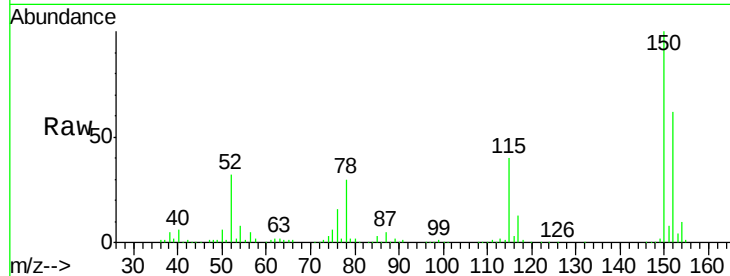


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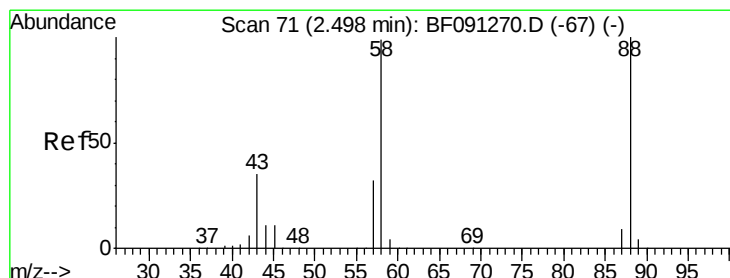
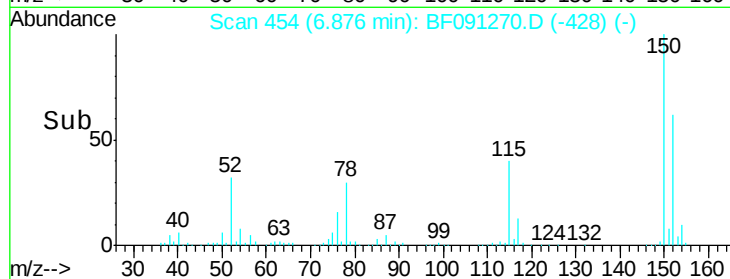
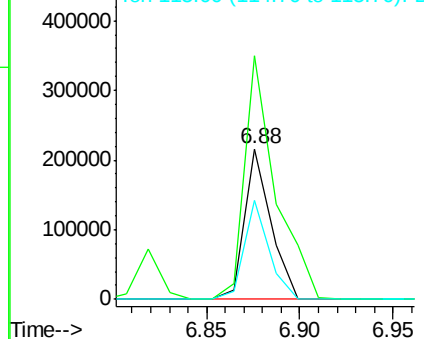
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 211180
Ion Ratio Lower Upper
152 100
150 161.8 122.5 183.7
115 65.4 51.8 77.8



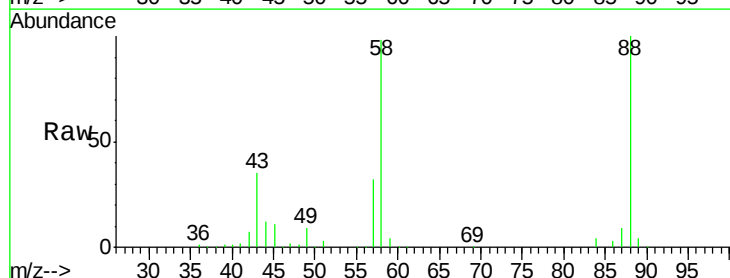
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



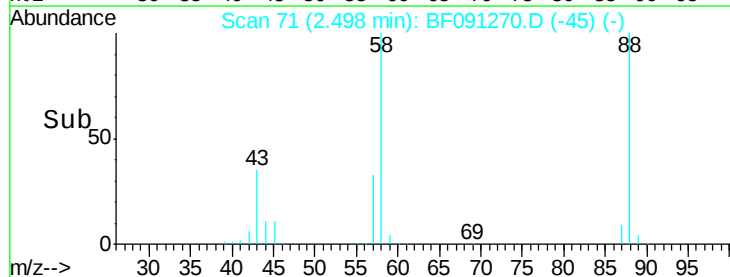
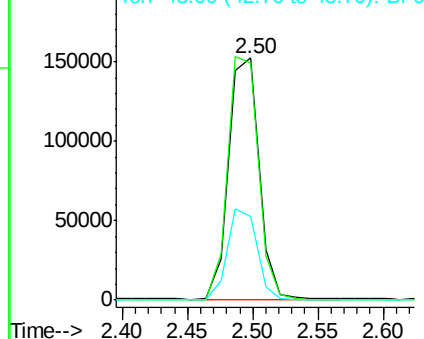
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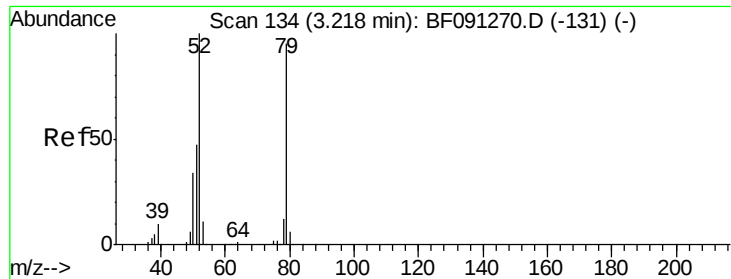
1,4-Dioxane
Concen: 42.48 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion: 88 Resp: 245248
Ion Ratio Lower Upper
88 100
58 102.0 70.3 105.5
43 37.3 31.3 46.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.73 ng

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

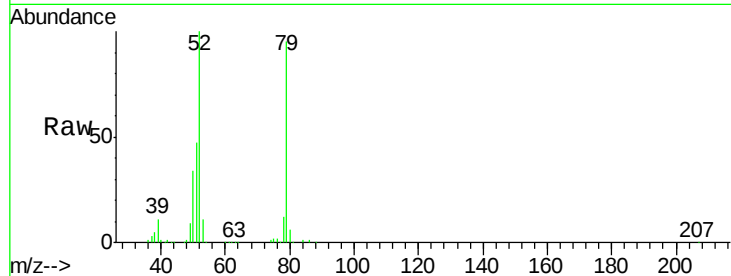
Tot Ion: 79 Resp: 675226

Ion Ratio Lower Upper

79 100

52 104.9 71.0 106.4

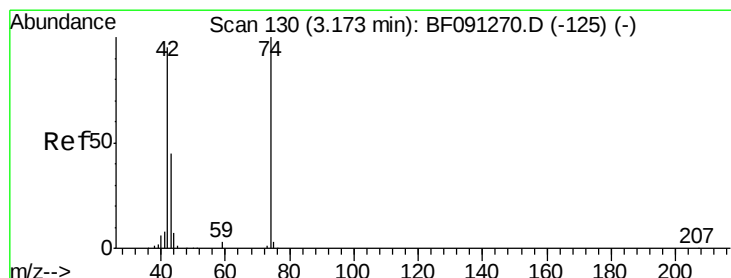
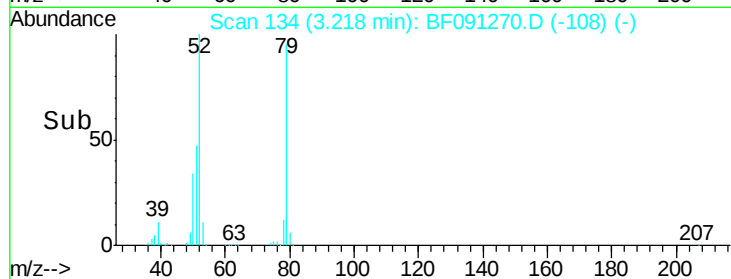
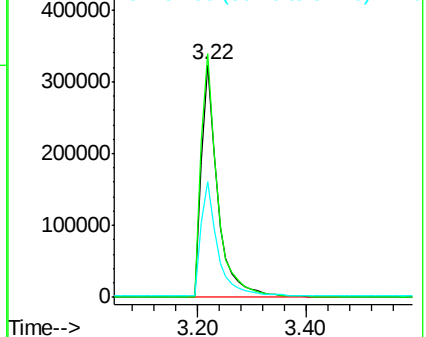
51 49.8 37.0 55.4



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: 44.22 ng

RT: 3.17 min Scan# 130

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

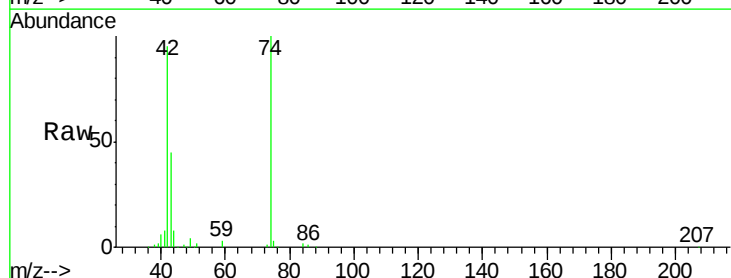
Tgt Ion: 42 Resp: 360203

Ion Ratio Lower Upper

42 100

74 105.1 78.9 118.3

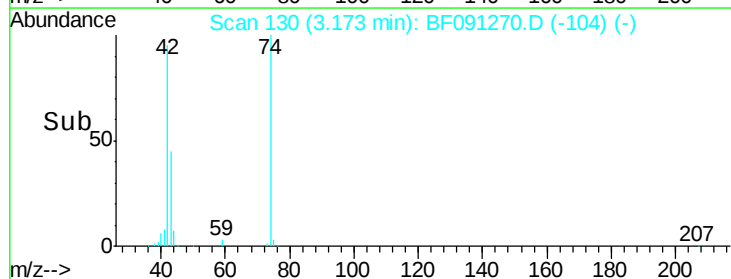
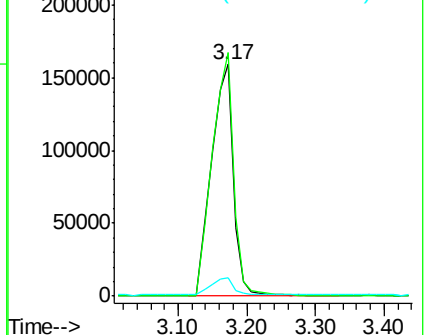
44 7.9 5.8 8.6

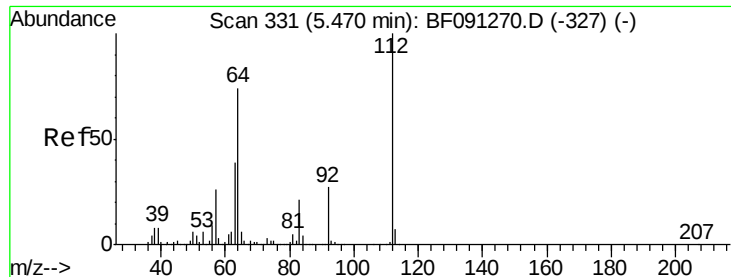


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.48 ng

RT: 5.47 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

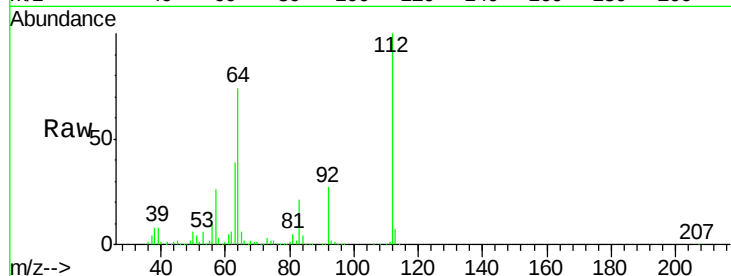
Tot Ion:112 Resp: 984195

Ion Ratio Lower Upper

112 100

64 74.0 61.5 92.3

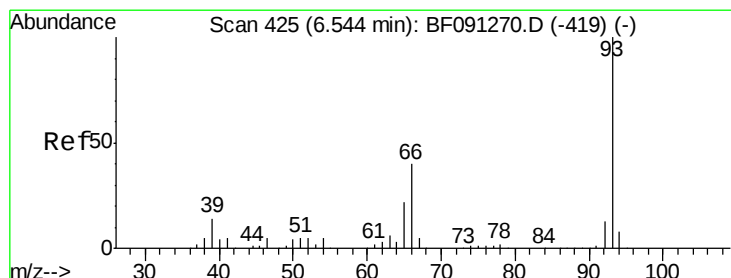
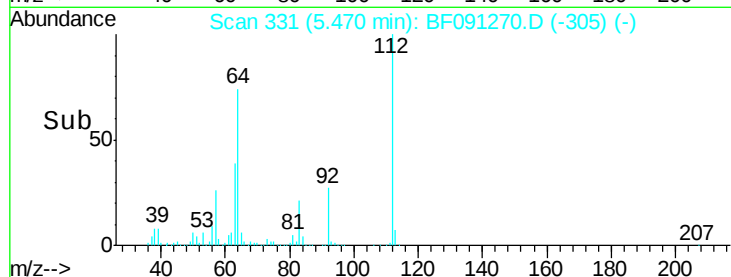
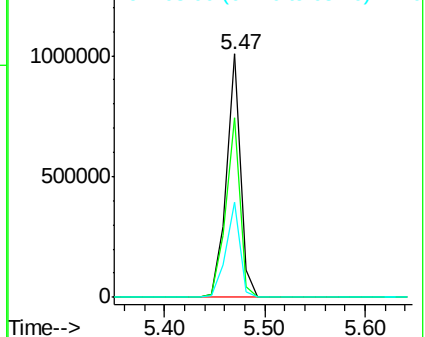
63 39.2 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 47.54 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

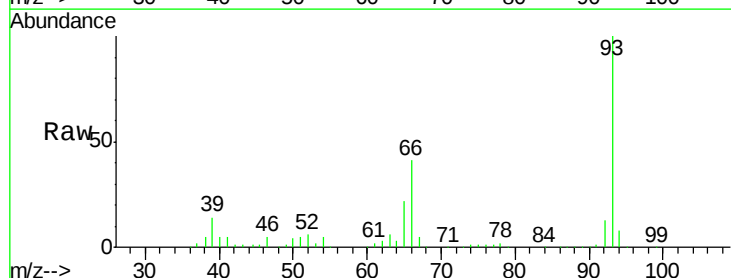
Tgt Ion: 93 Resp: 867397

Ion Ratio Lower Upper

93 100

66 40.7 55.8 83.6#

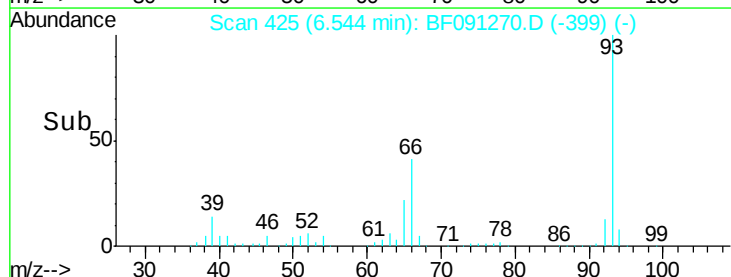
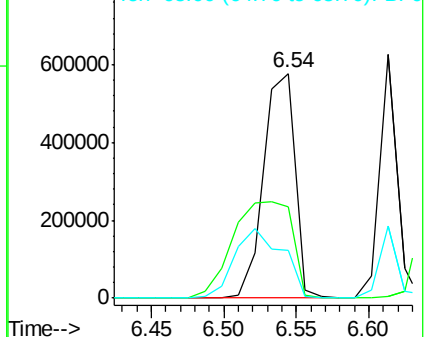
65 21.5 29.9 44.9#

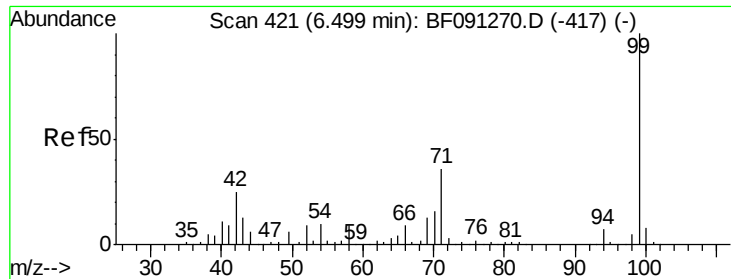


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.50 ng

RT: 6.50 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

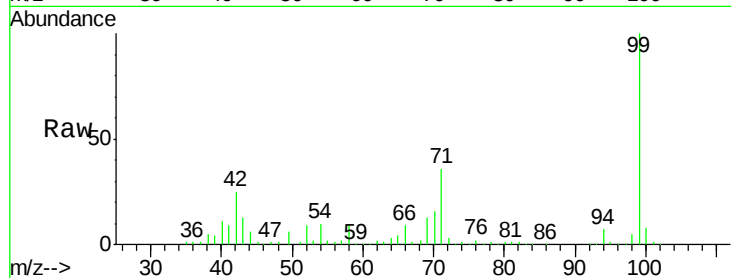
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1374580

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.6	31.0
71	36.3	29.9	44.9

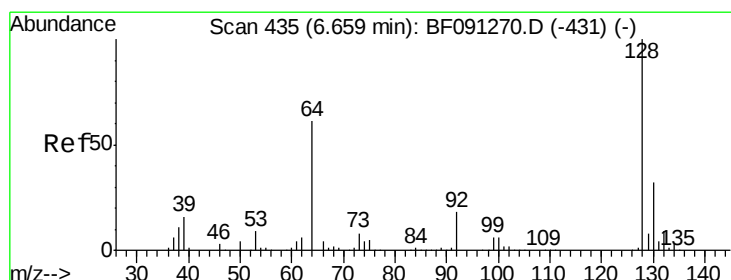
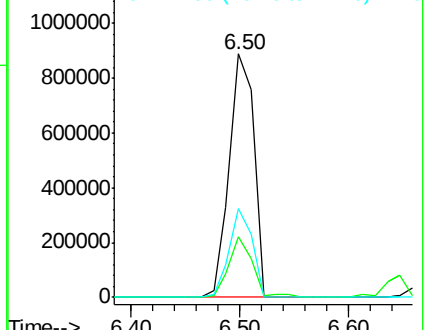
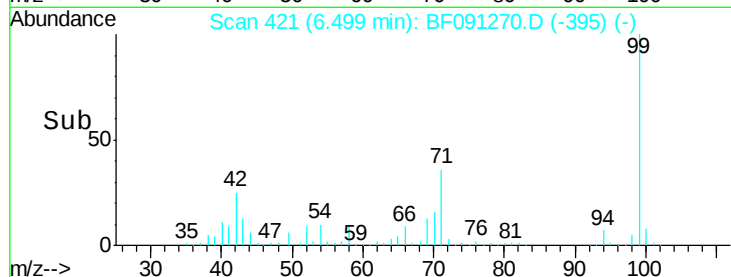


Abundance

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: 40.29 ng

RT: 6.66 min Scan# 435

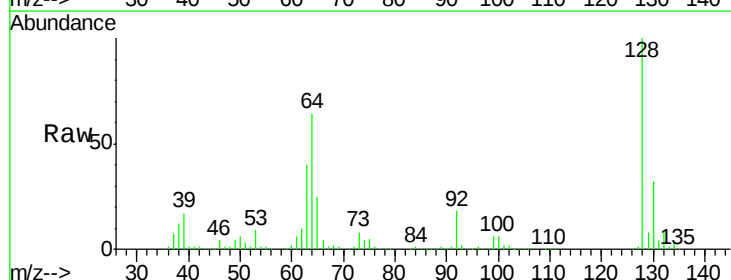
Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Tgt Ion: 128 Resp: 548297

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.1	53.1
64	64.4	24.1	64.1

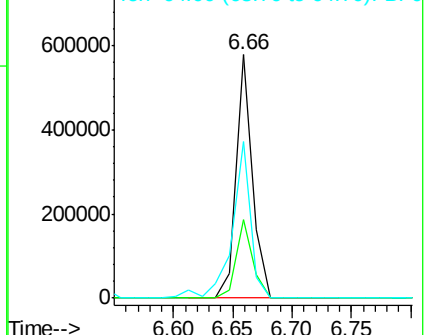
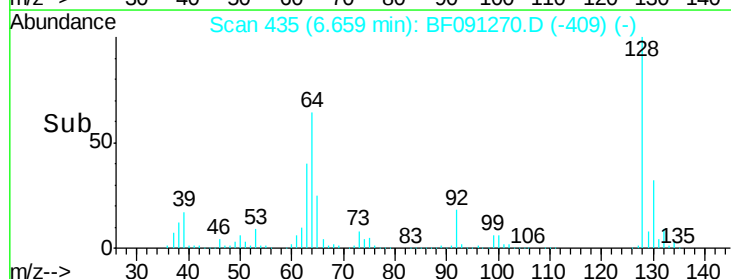


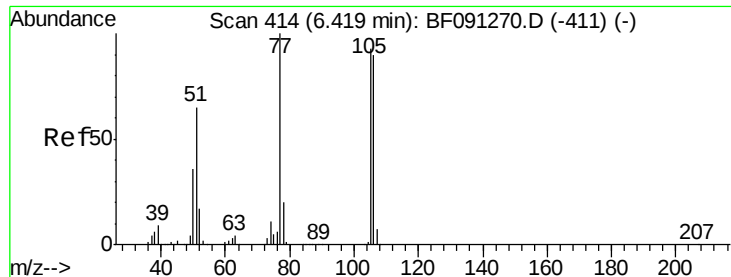
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.40 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

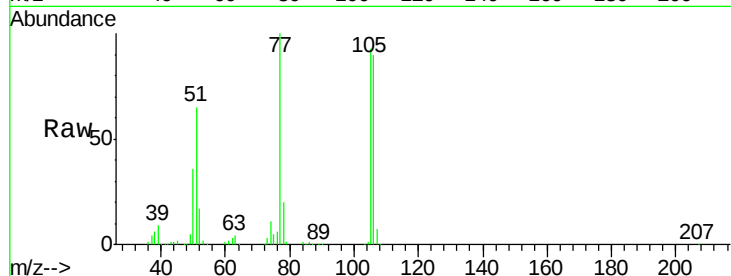
Tot Ion: 77 Resp: 331007

Ion Ratio Lower Upper

77 100

105 92.8 66.4 106.4

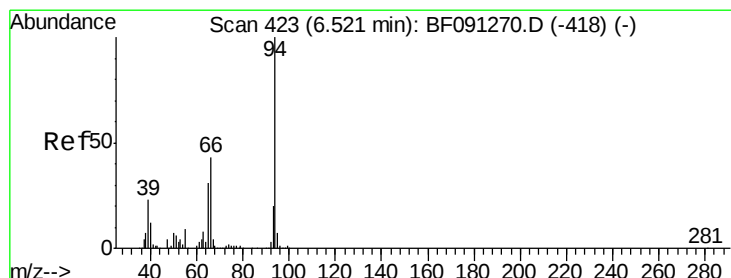
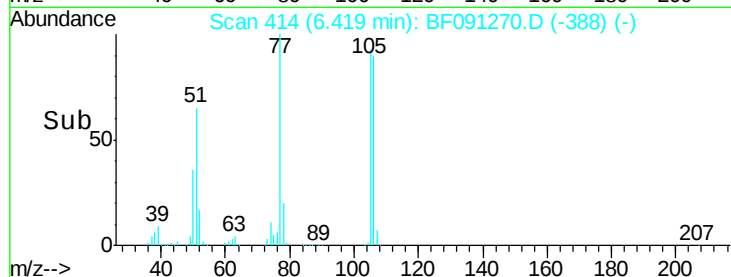
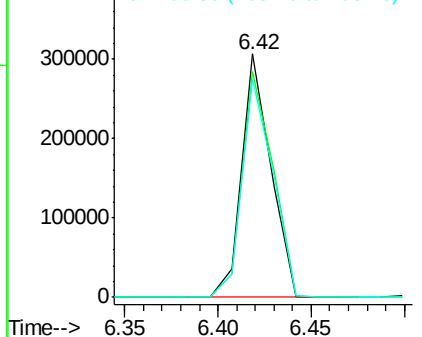
106 89.7 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.94 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

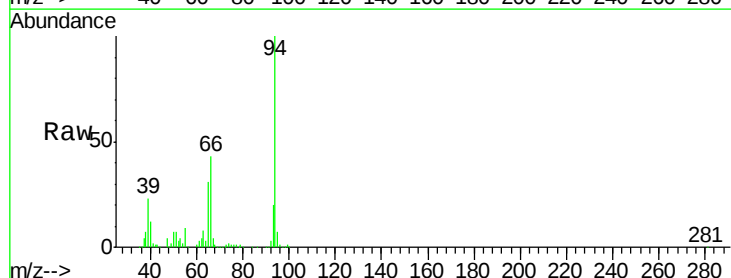
Tgt Ion: 94 Resp: 745217

Ion Ratio Lower Upper

94 100

65 31.3 16.9 56.9

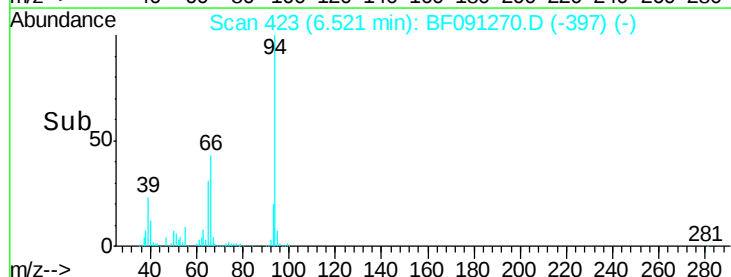
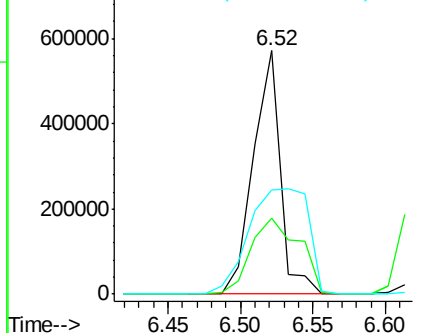
66 42.9 30.6 70.6

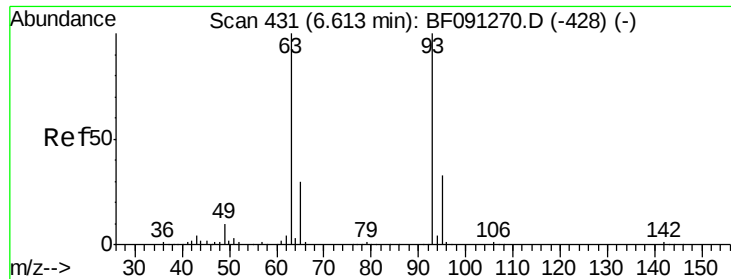


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

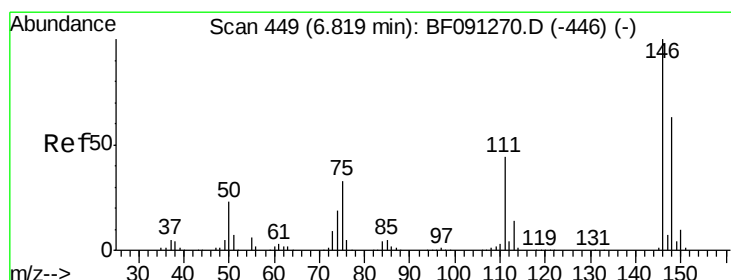
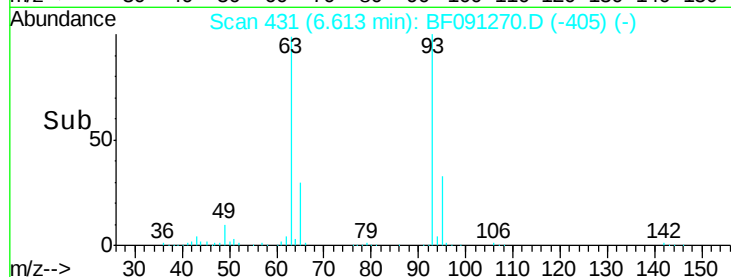
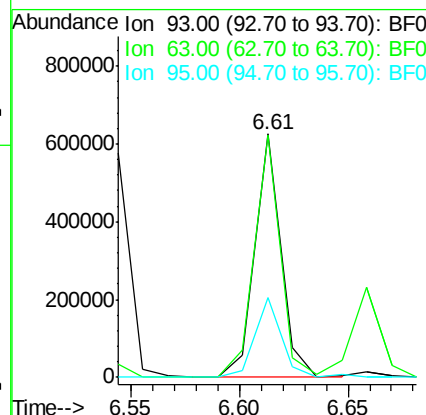
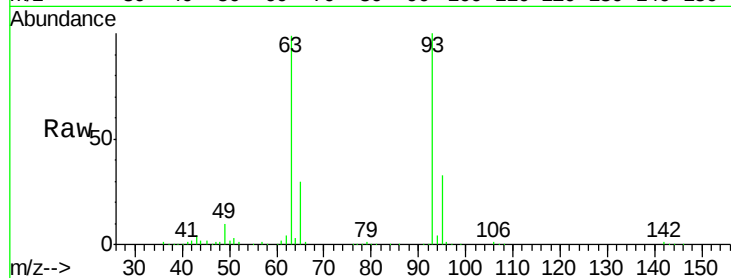




#11
 bis(2-Chloroethyl)ether
 Concen: 37.38 ng
 RT: 6.61 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

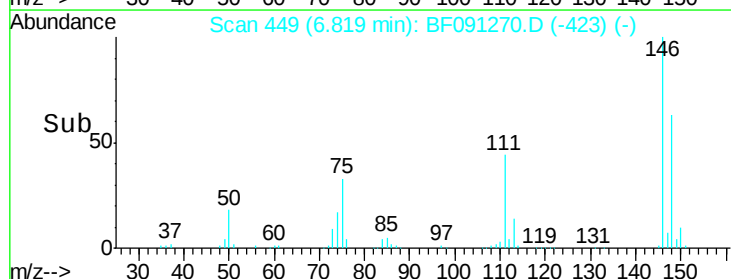
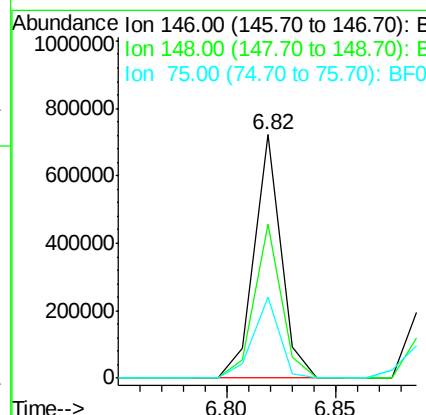
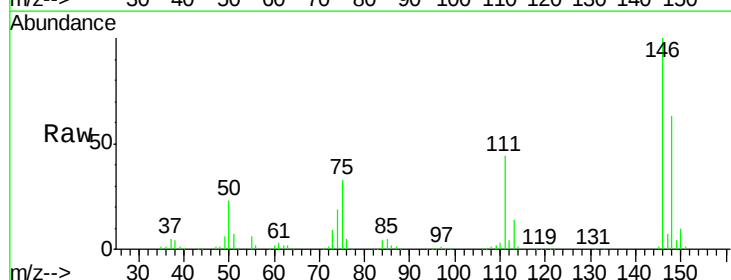
Instrument :
 BNA_F
 ClientSampled :

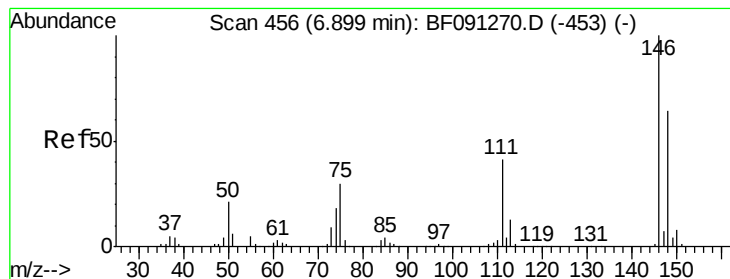
Tot Ion	Ratio	Lower	Upper
93	100		
63	99.3	74.8	114.8
95	32.9	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 41.87 ng
 RT: 6.82 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	33.3	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 42.36 ng

RT: 6.90 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampled :

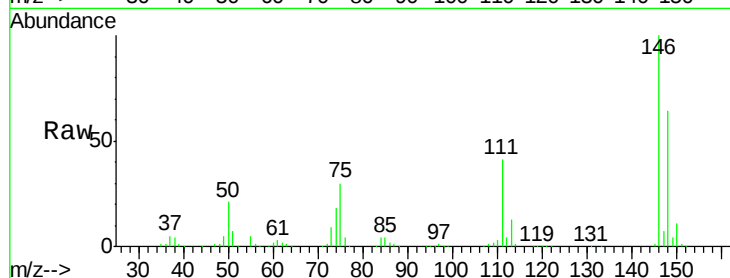
Tot Ion:146 Resp: 654922

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

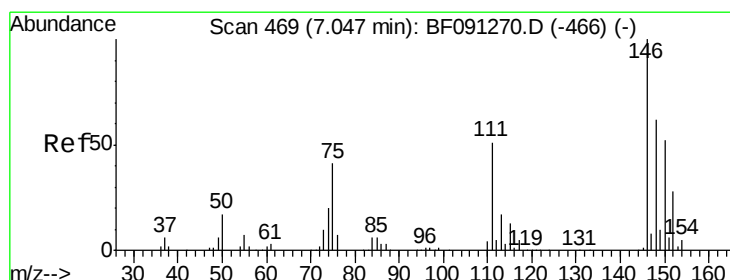
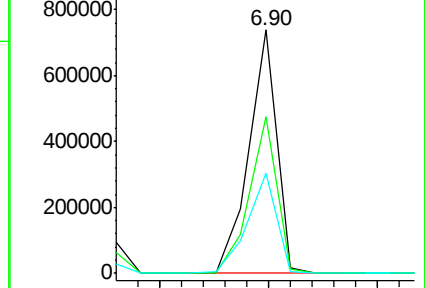
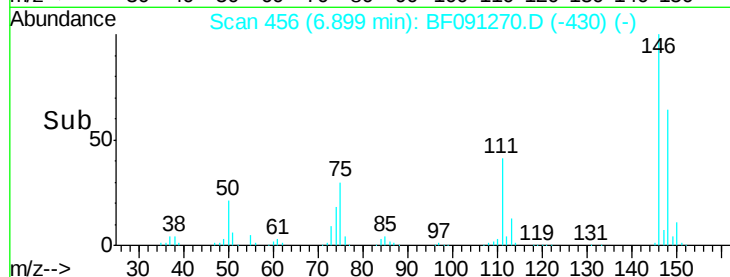
111 41.4 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.08 ng

RT: 7.05 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

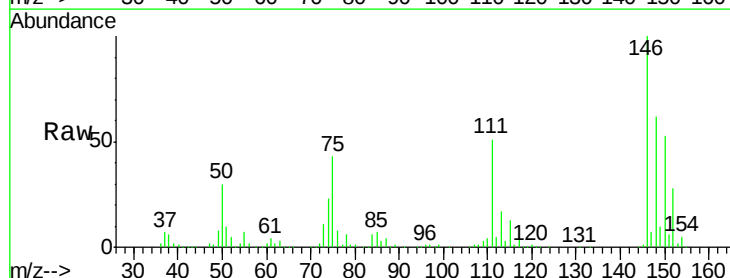
Tgt Ion:146 Resp: 536530

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

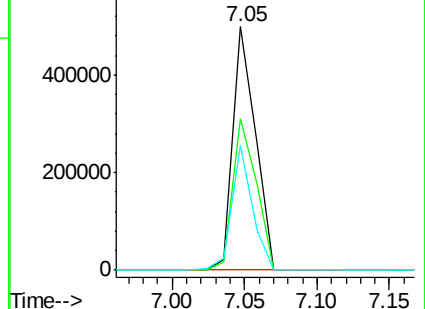
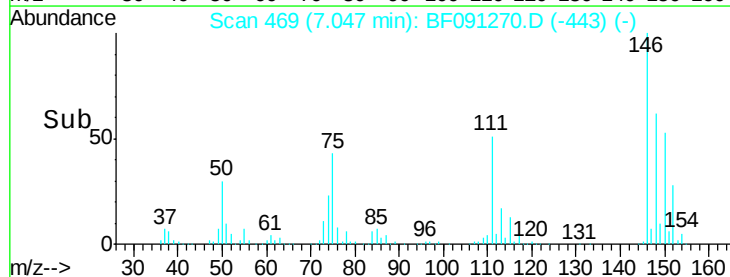
111 51.1 38.9 58.3

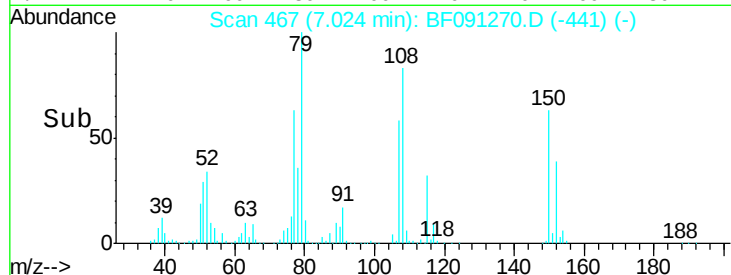
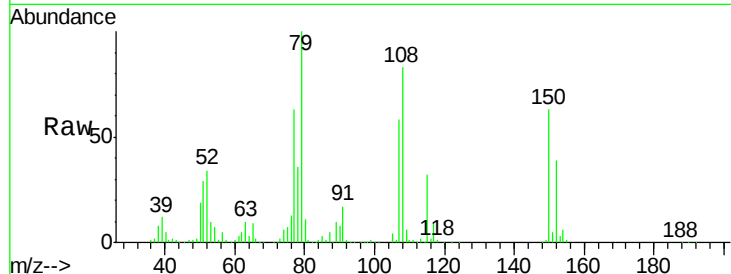
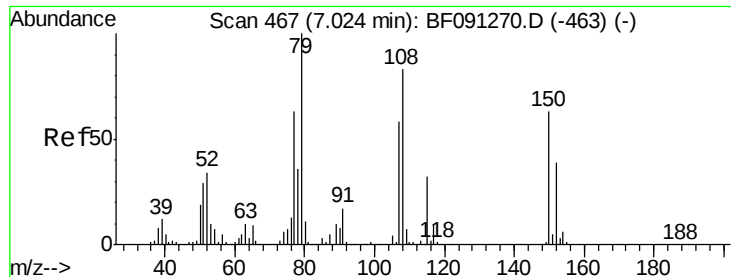


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

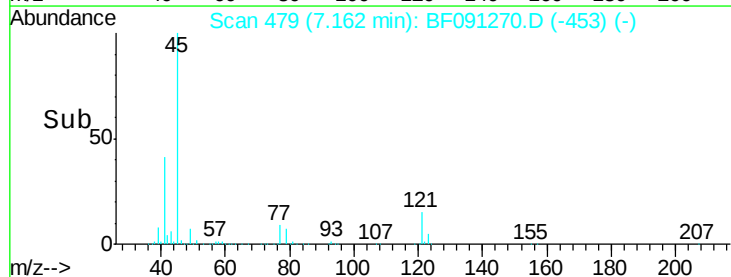
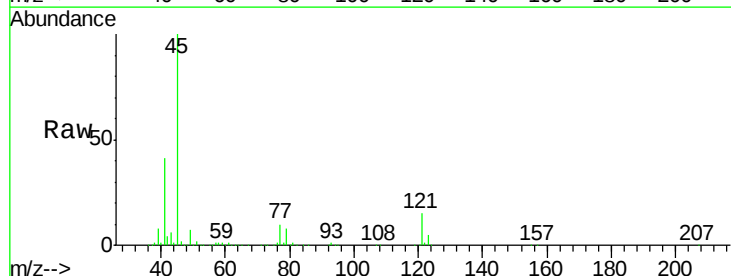
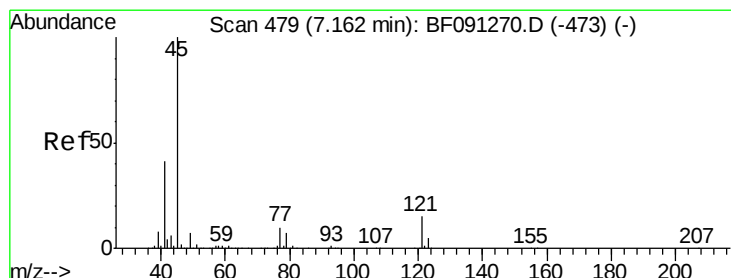
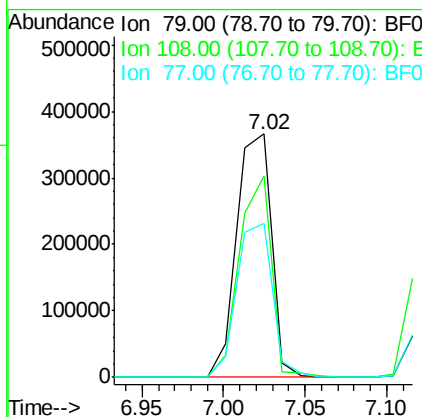




#15
Benzyl Alcohol
Concen: 45.28 ng
RT: 7.02 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

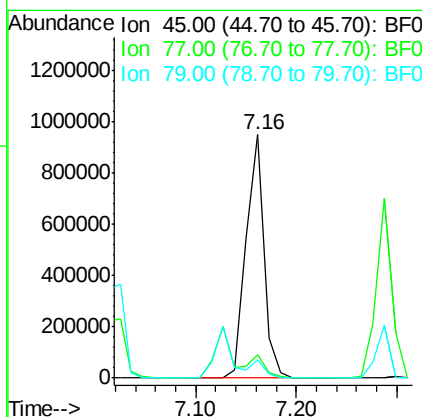
Instrument :
BNA_F
ClientSampled :

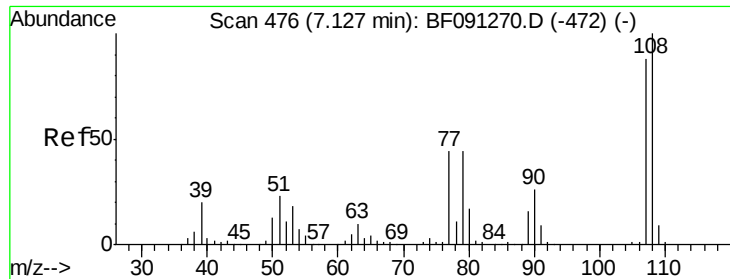
Tot Ion: 79 Resp: 540309
Ion Ratio Lower Upper
79 100
108 82.8 62.7 94.1
77 63.1 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.29 ng
RT: 7.16 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion: 45 Resp: 1173498
Ion Ratio Lower Upper
45 100
77 9.5 3.8 43.8
79 7.5 0.2 40.2

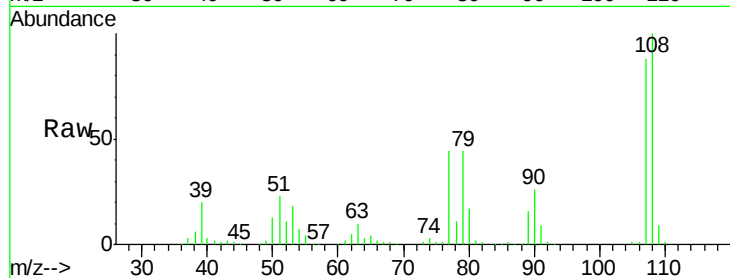




#17
2-Methylphenol
Concen: 32.12 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	67.7	101.5#
77	50.2	40.7	61.1
79	50.1	23.4	35.2#



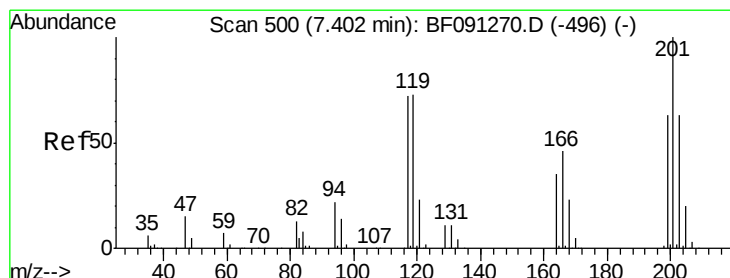
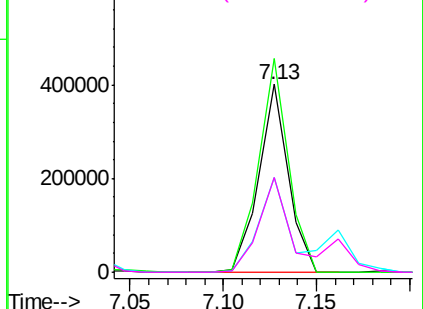
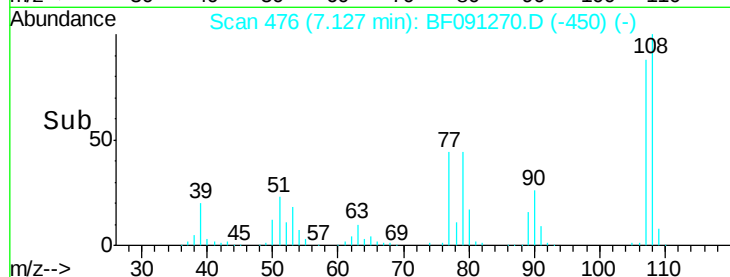
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

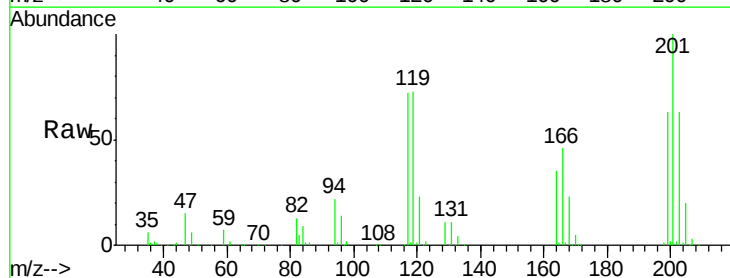
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.37 ng
RT: 7.40 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.1	78.6	118.0
201	139.3	86.7	130.1#

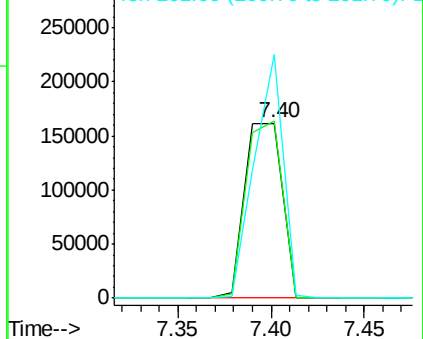
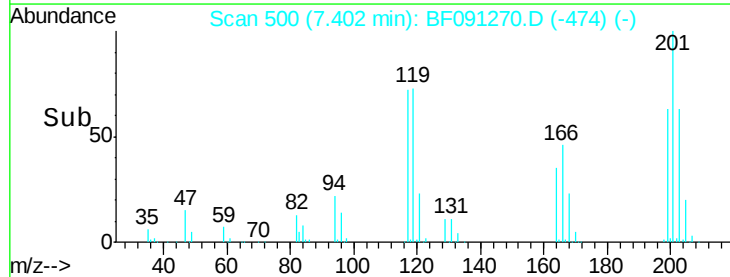


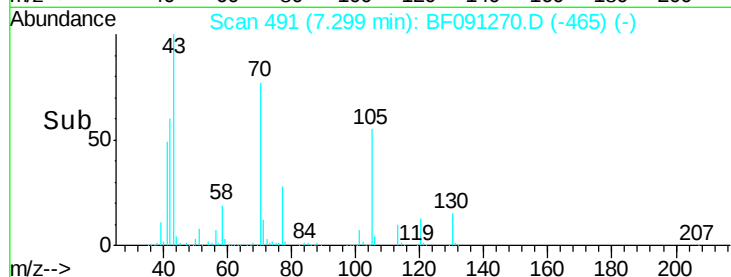
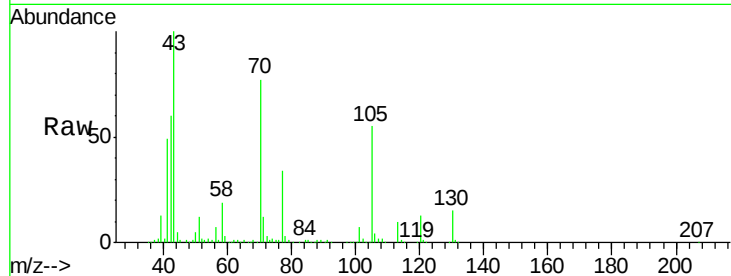
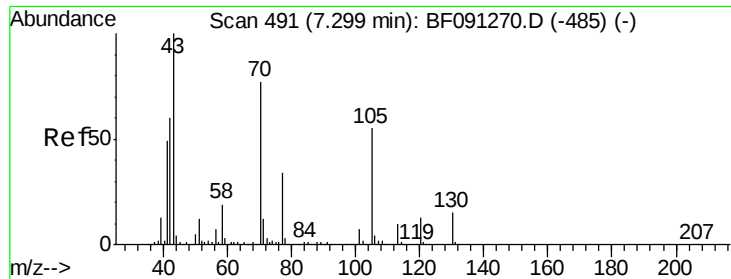
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

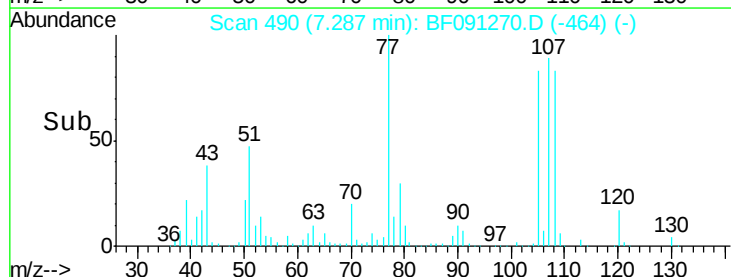
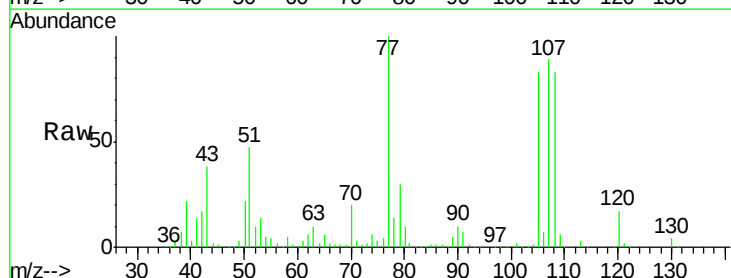
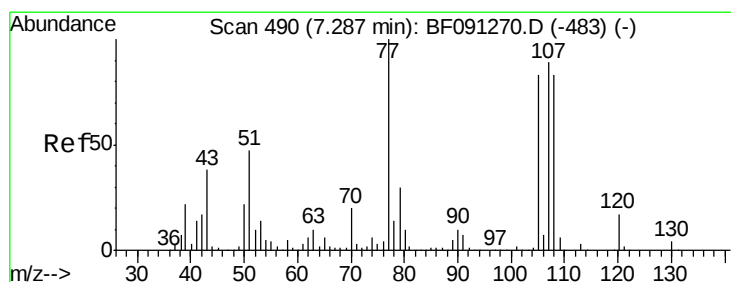
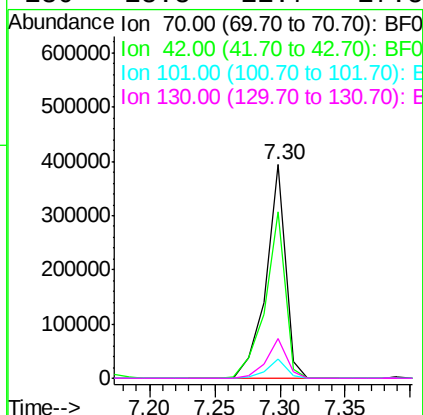




#19
n-Nitroso-di-n-propylamine
Concen: 37.31 ng
RT: 7.30 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

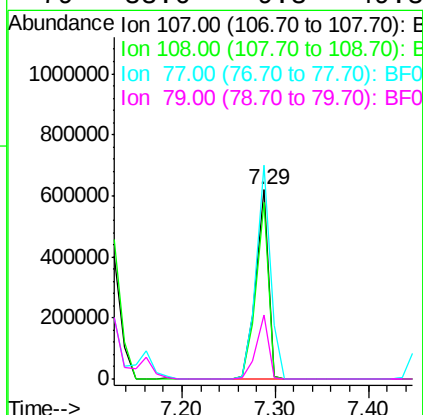
Instrument :
BNA_F
ClientSampled :

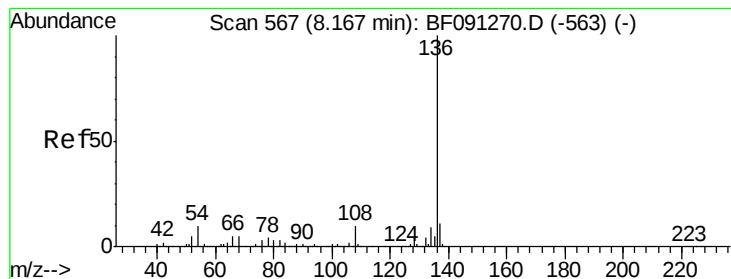
Tot Ion: 70 Resp: 414195
Ion Ratio Lower Upper
70 100
42 77.6 64.8 97.2
101 8.8 6.2 9.4
130 18.8 11.7 17.5#



#20
3+4-Methylphenols
Concen: 42.76 ng
RT: 7.29 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion: 107 Resp: 585046
Ion Ratio Lower Upper
107 100
108 93.6 64.6 104.6
77 112.8 30.9 70.9#
79 33.6 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091270.D

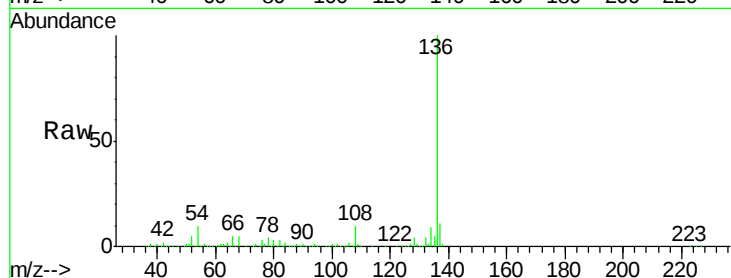
Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	897064
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	9.9	9.1 13.7
68	5.2	5.9 8.9#

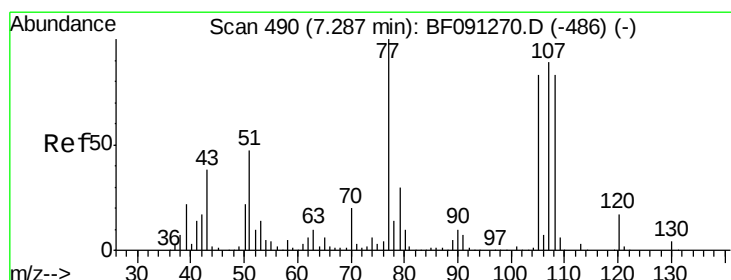
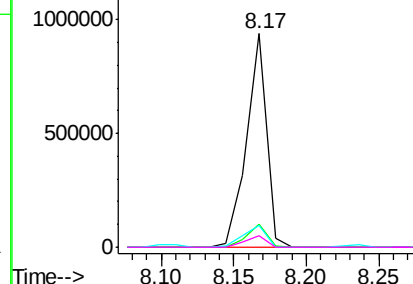
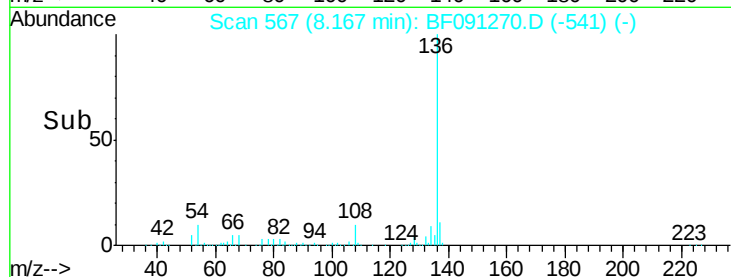


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 33.03 ng

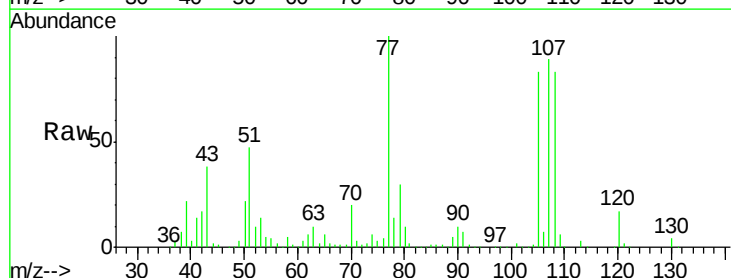
RT: 7.29 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Tgt Ion:105	Resp:	706286
Ion Ratio	Lower	Upper
105	100	
71	3.8	7.9 11.9#
51	56.3	24.5 36.7#
120	20.2	16.6 24.8

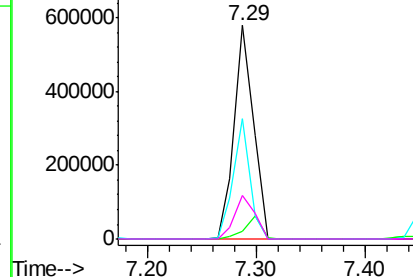
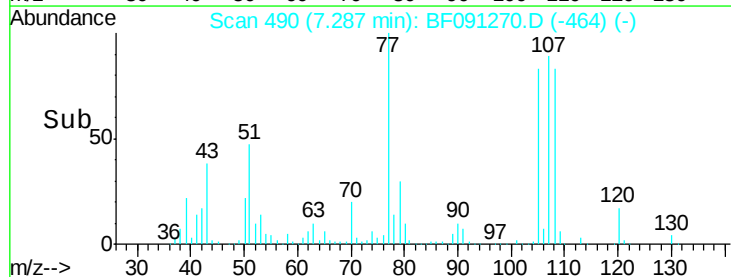


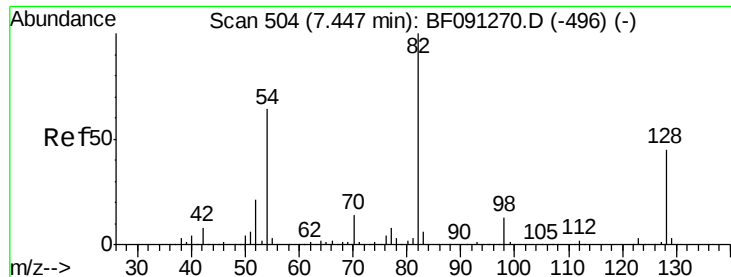
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

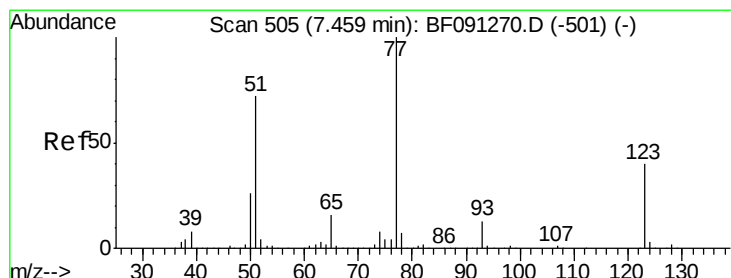
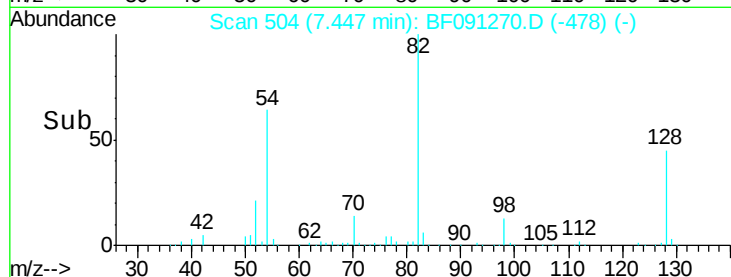
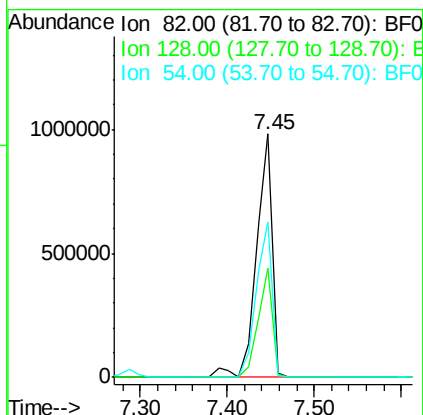
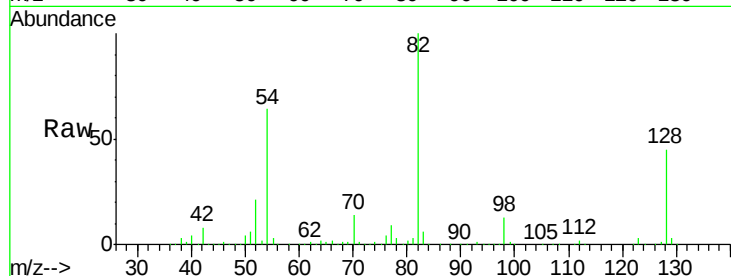




#23
 Nitrobenzene-d5
 Concen: 77.17 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

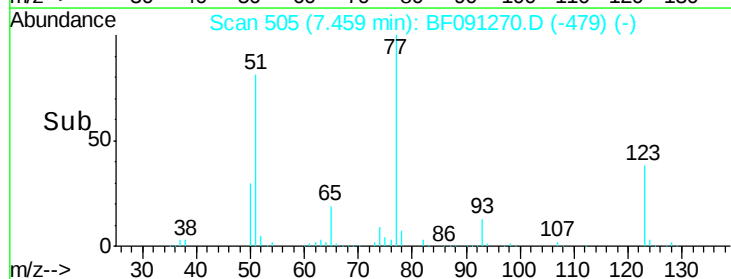
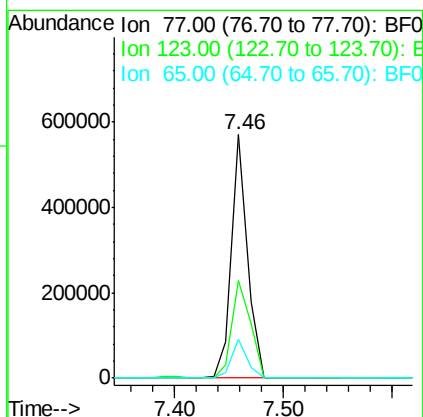
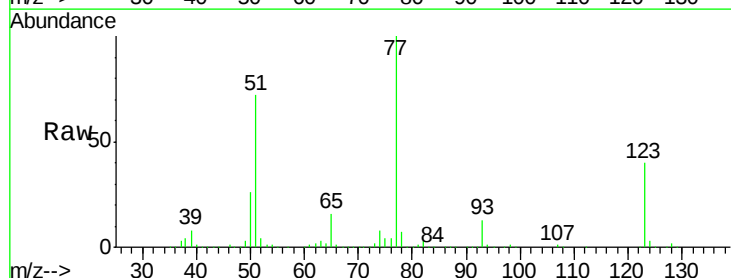
Instrument :
 BNA_F
 ClientSampleId :

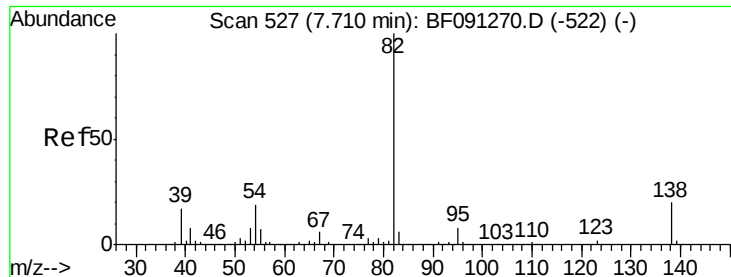
Tot Ion: 82 Resp: 1255520
 Ion Ratio Lower Upper
 82 100
 128 44.7 31.8 47.6
 54 63.7 49.1 73.7



#24
 Nitrobenzene
 Concen: 31.77 ng
 RT: 7.46 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

Tgt Ion: 77 Resp: 575379
 Ion Ratio Lower Upper
 77 100
 123 40.0 28.5 42.7
 65 15.7 12.5 18.7





#25

Isophorone

Concen: 35.80 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampled :

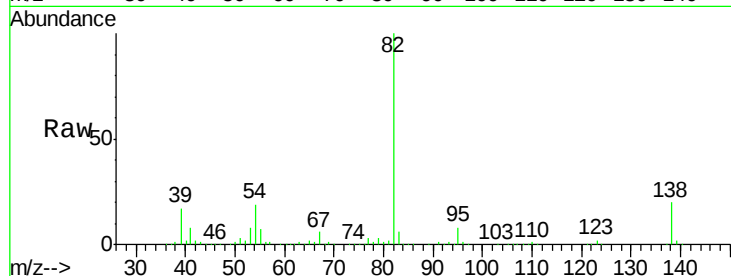
Tot Ion: 82 Resp: 1098502

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

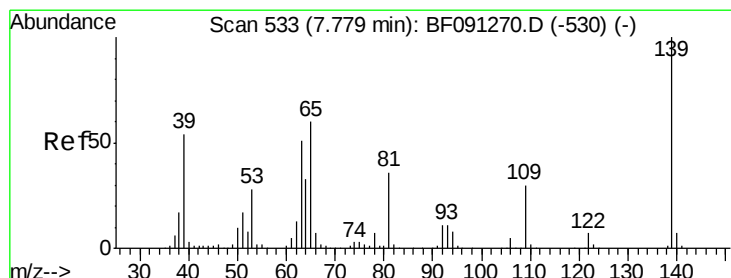
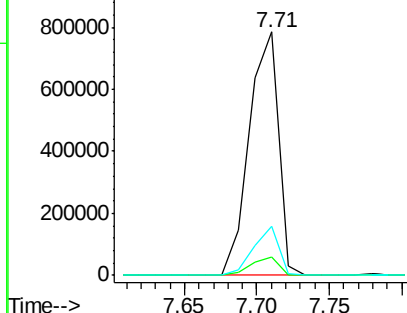
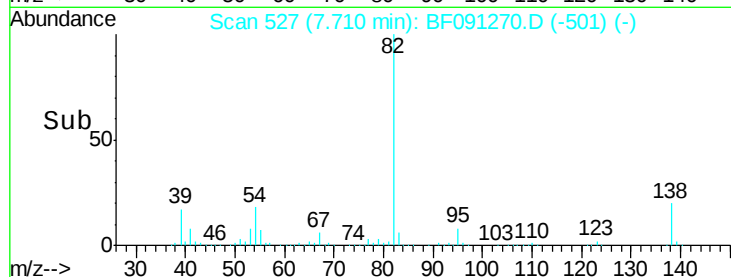
138 20.2 13.4 20.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.75 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

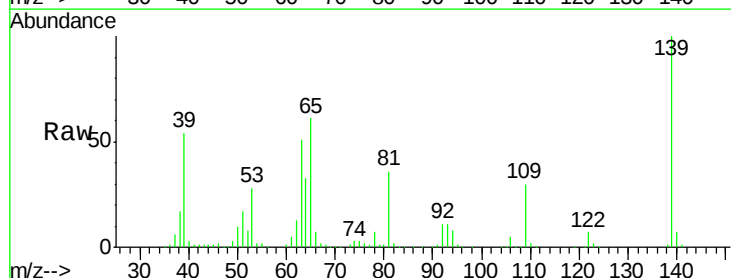
Tgt Ion: 139 Resp: 284328

Ion Ratio Lower Upper

139 100

109 30.1 25.3 37.9

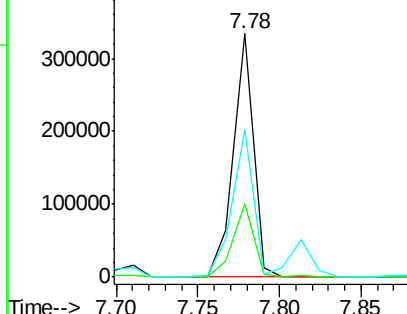
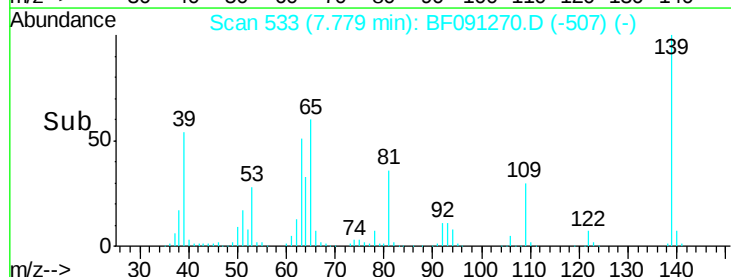
65 60.6 55.4 83.2

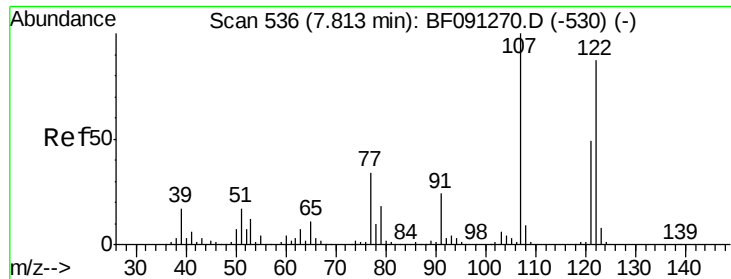


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.02 ng

RT: 7.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

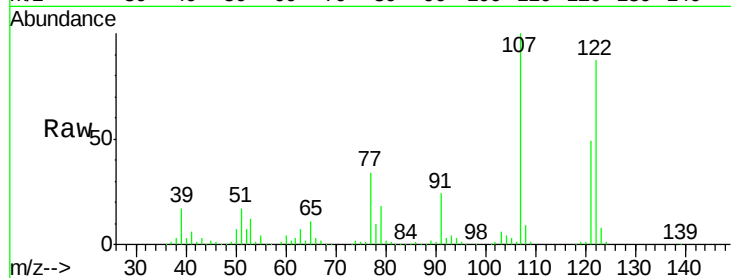
Tot Ion:122 Resp: 500162

Ion Ratio Lower Upper

122 100

107 115.4 96.8 145.2

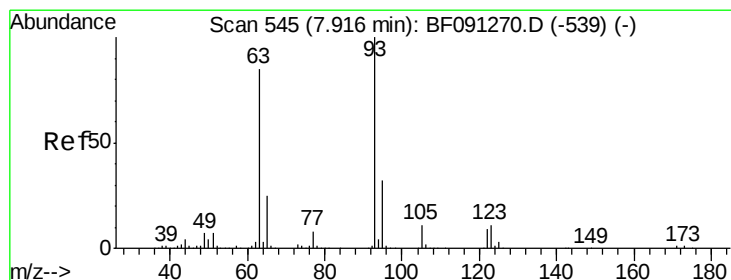
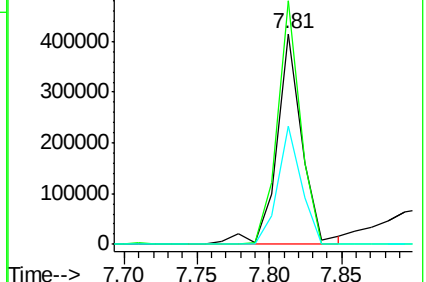
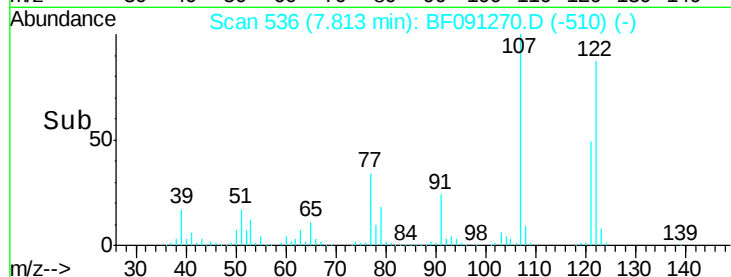
121 56.1 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.59 ng

RT: 7.92 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

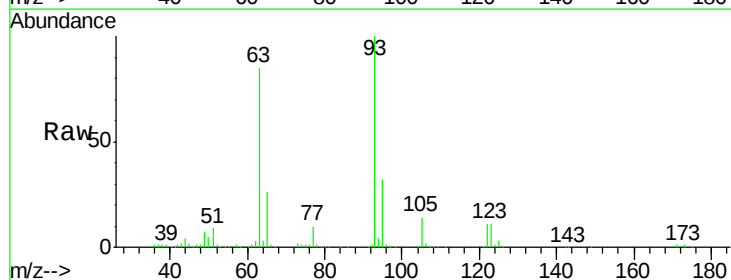
Tgt Ion: 93 Resp: 647287

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

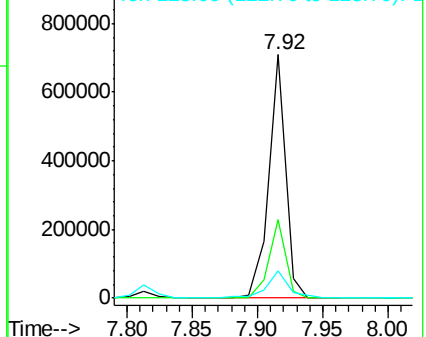
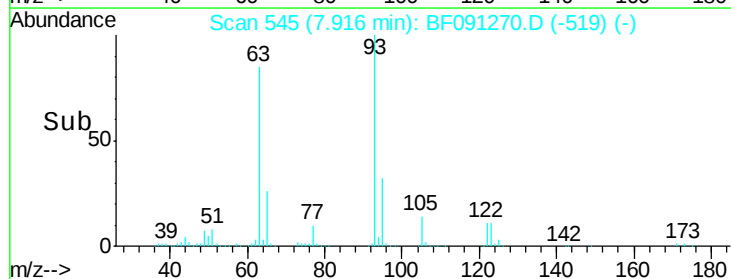
123 11.1 8.6 12.8

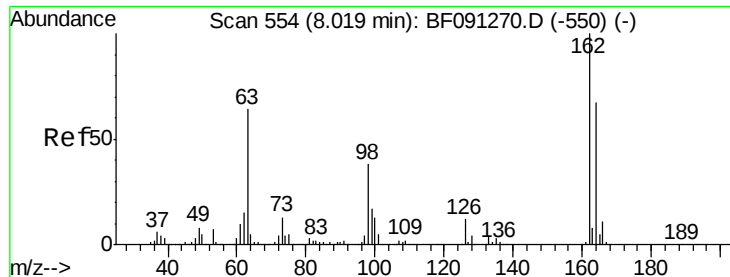


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.82 ng

RT: 8.02 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

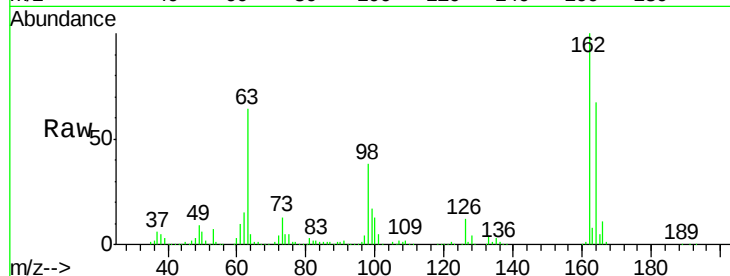
Tot Ion:162 Resp: 483056

Ion Ratio Lower Upper

162 100

164 67.3 45.0 85.0

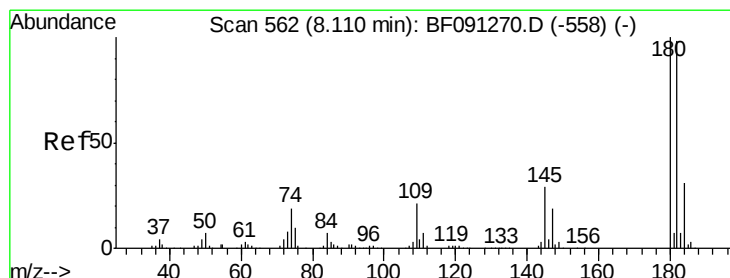
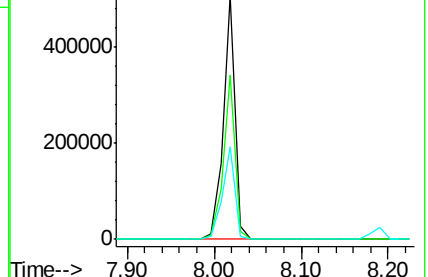
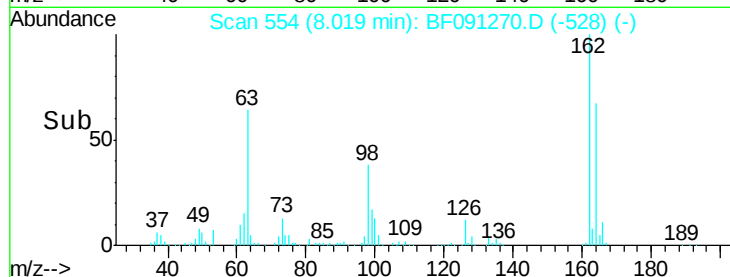
98 37.8 21.3 61.3



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: 40.57 ng

RT: 8.11 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

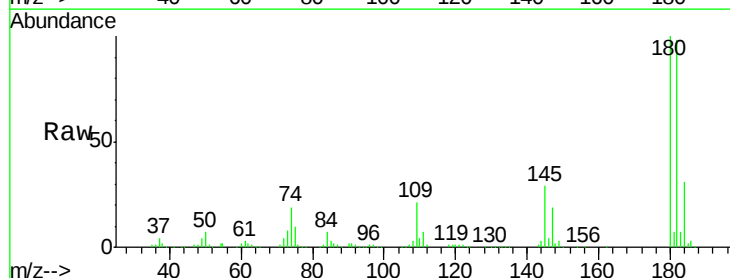
Tgt Ion:180 Resp: 549687

Ion Ratio Lower Upper

180 100

182 97.5 75.8 113.8

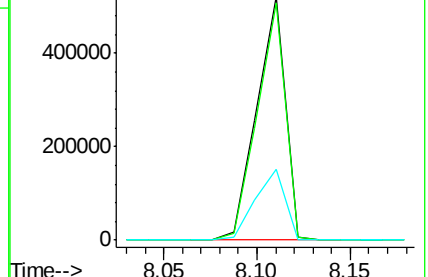
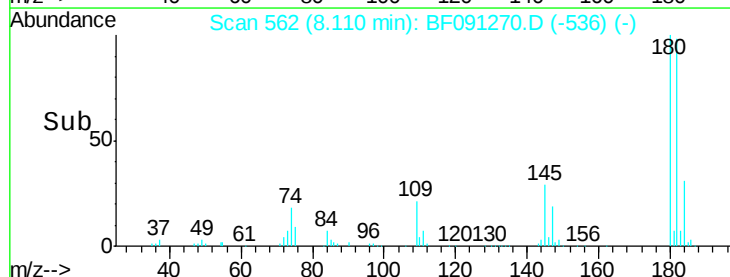
145 29.2 27.0 40.4

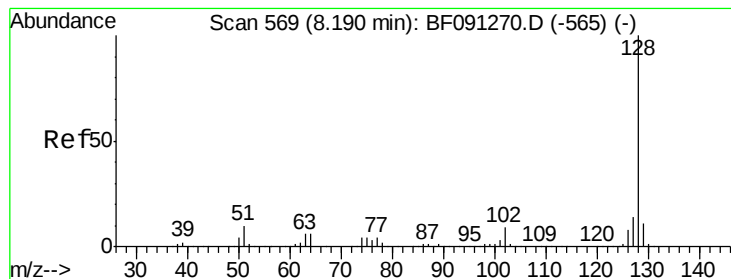


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.22 ng

RT: 8.19 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

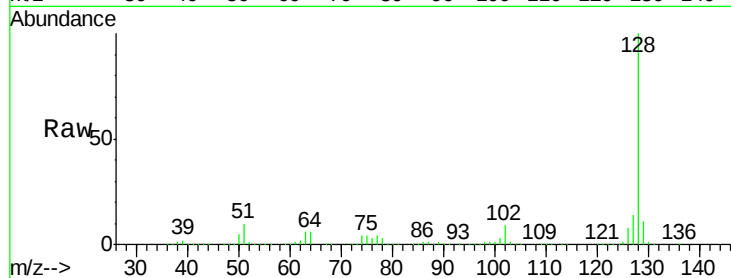
Tot Ion:128 Resp: 1727644

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

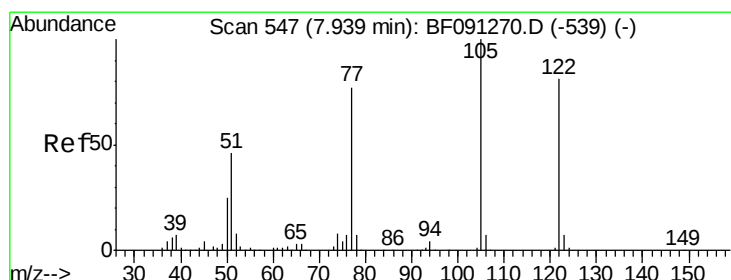
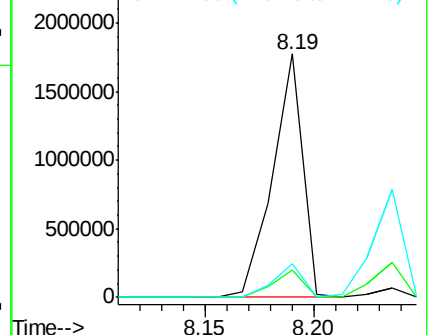
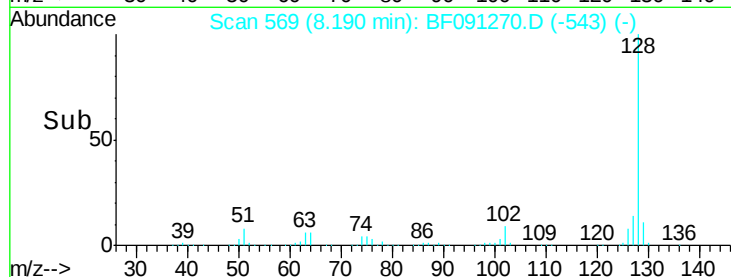
127 13.7 11.0 16.4



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: 47.51 ng

RT: 7.94 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

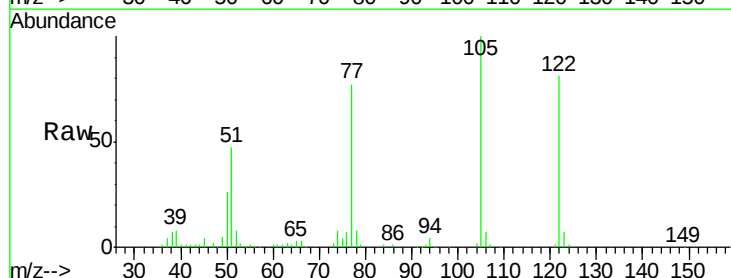
Tgt Ion:122 Resp: 412007

Ion Ratio Lower Upper

122 100

105 124.2 113.0 153.0

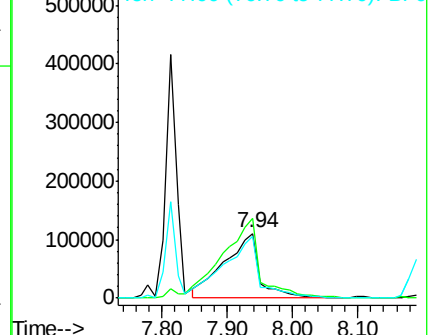
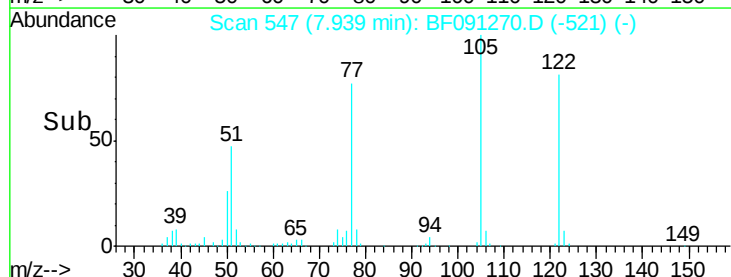
77 96.2 82.0 122.0

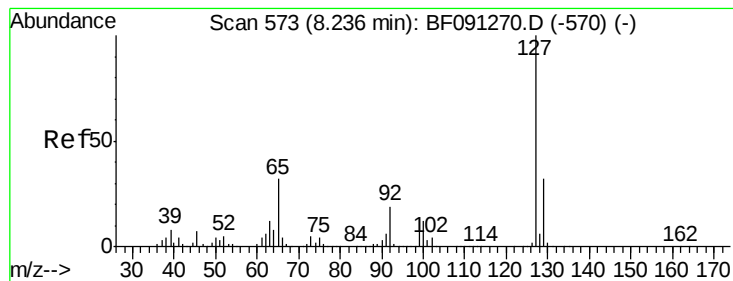


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 44.99 ng

RT: 8.24 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 763266

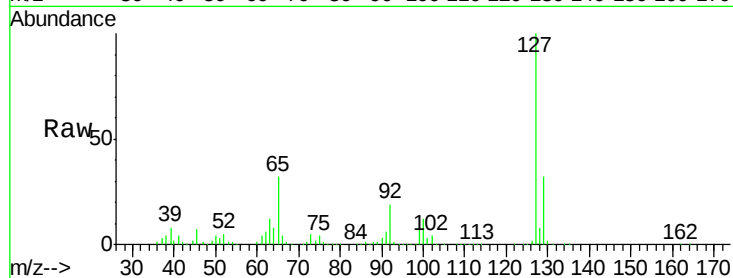
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.4

65 31.6 26.6 39.8

92 19.0 15.4 23.0

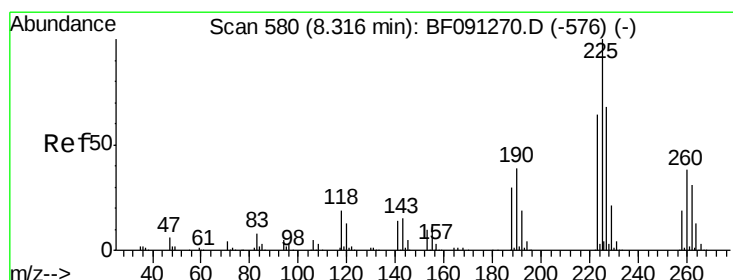
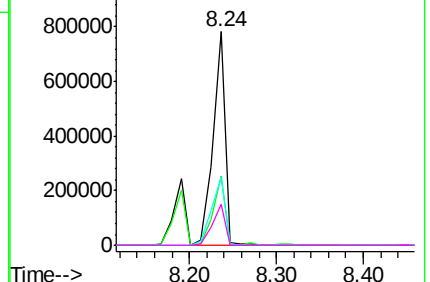
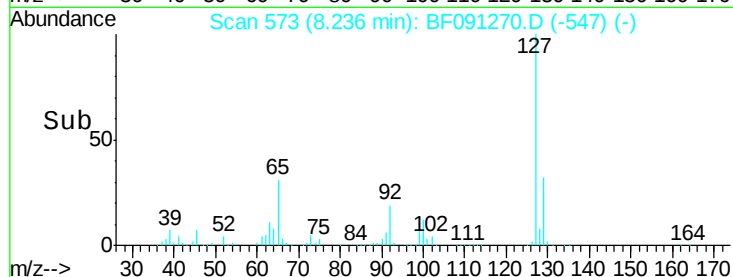


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.93 ng

RT: 8.32 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

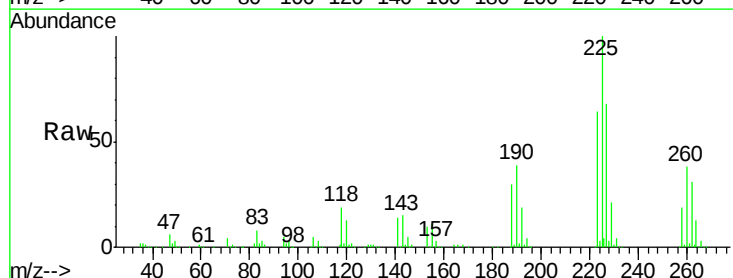
Tgt Ion:225 Resp: 312730

Ion Ratio Lower Upper

225 100

223 63.7 49.8 74.6

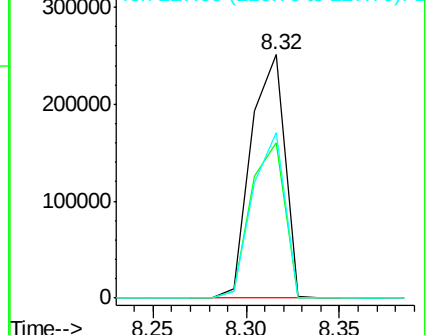
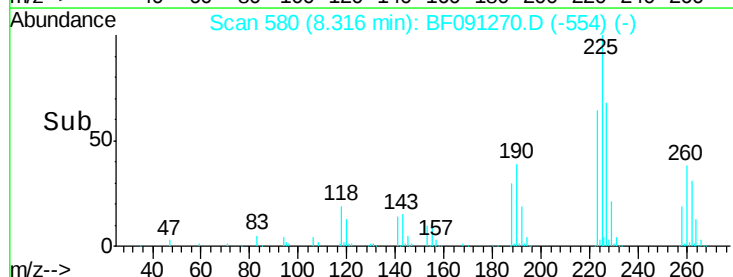
227 67.8 52.6 79.0

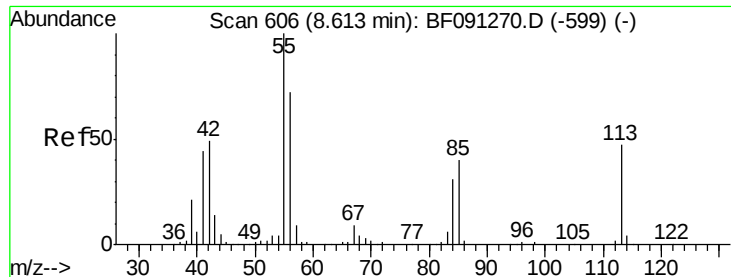


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

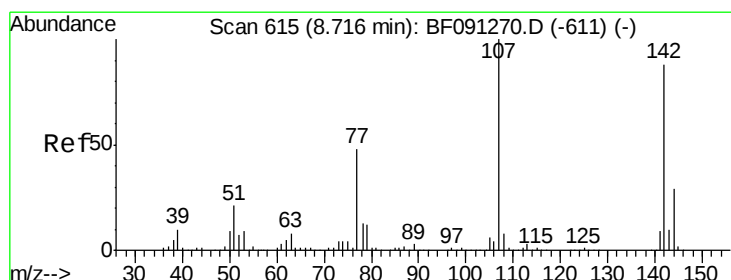
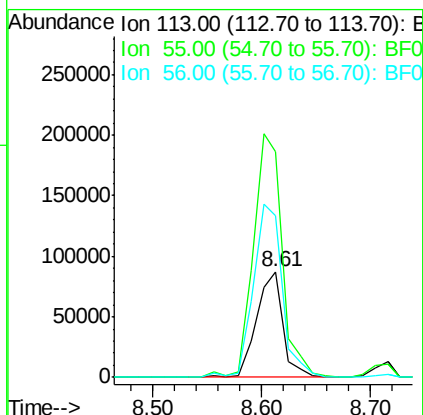
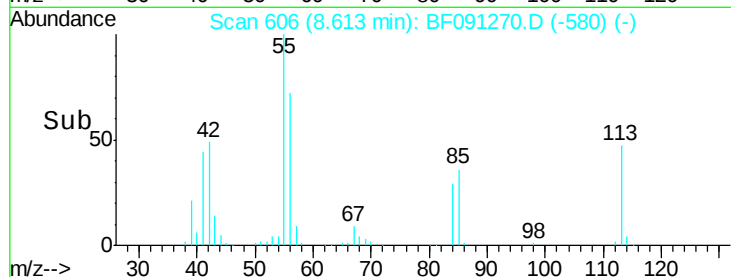
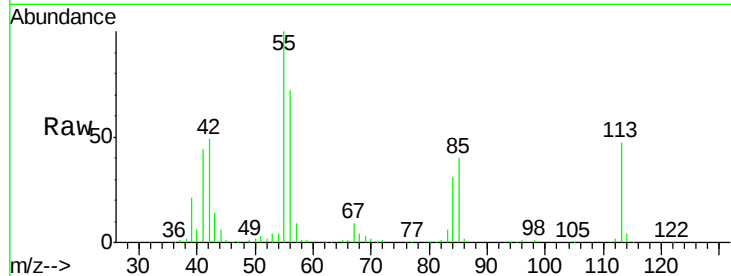




#35
Caprolactam
Concen: 43.66 ng
RT: 8.61 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

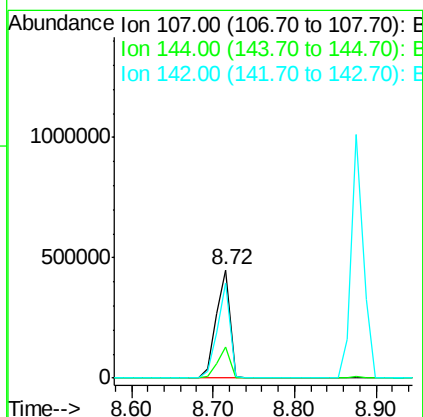
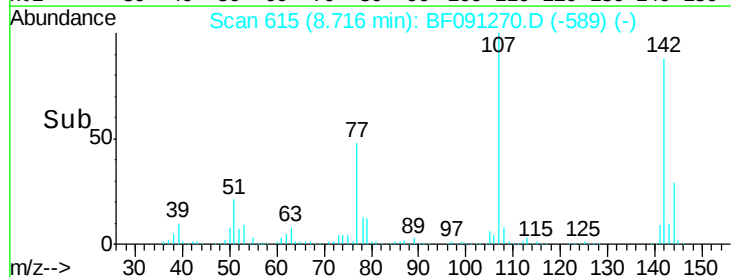
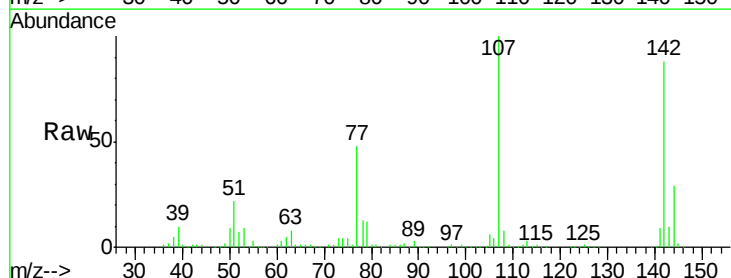
Instrument :
BNA_F
ClientSampleId :

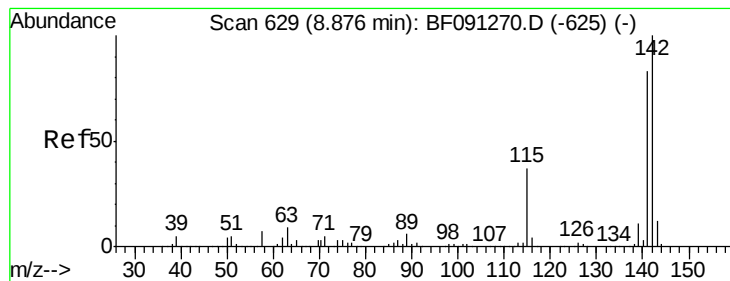
Tot Ion:113 Resp: 149144
Ion Ratio Lower Upper
113 100
55 213.6 239.8 279.8#
56 153.0 165.6 205.6#



#36
4-Chloro-3-methylphenol
Concen: 39.93 ng
RT: 8.72 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:107 Resp: 530839
Ion Ratio Lower Upper
107 100
144 29.0 18.9 28.3#
142 88.1 58.5 87.7#





#37

2-Methylnaphthalene

Concen: 36.65 ng

RT: 8.88 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

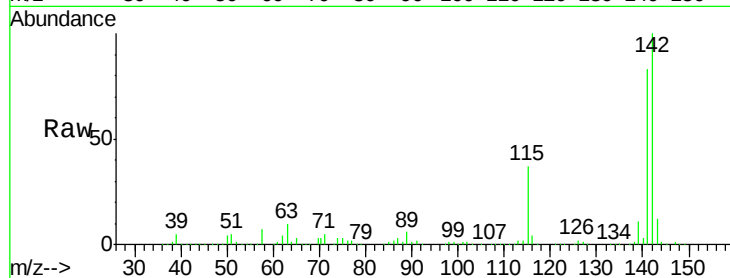
Tot Ion:142 Resp: 1029897

Ion Ratio Lower Upper

142 100

141 83.3 71.7 107.5

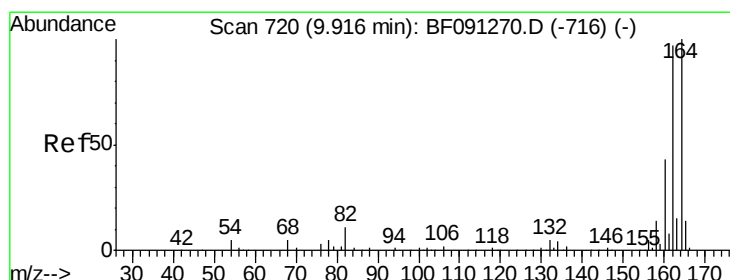
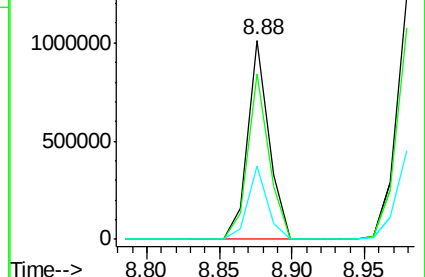
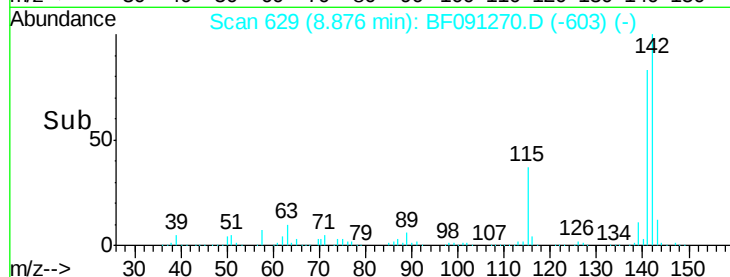
115 36.9 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

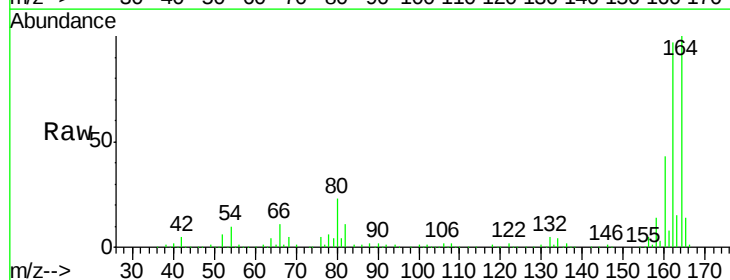
Tgt Ion:164 Resp: 482479

Ion Ratio Lower Upper

164 100

162 96.6 82.6 124.0

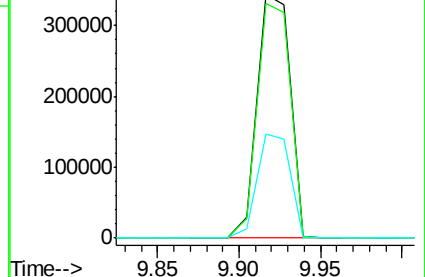
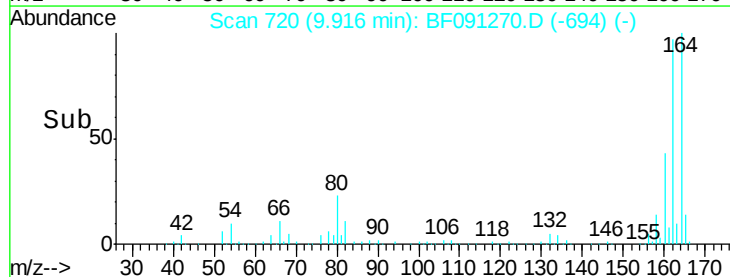
160 43.0 36.7 55.1

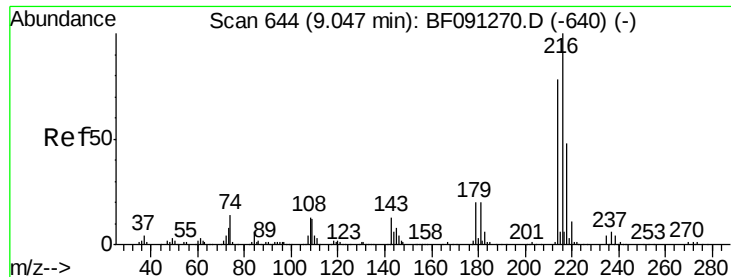


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.23 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 547336

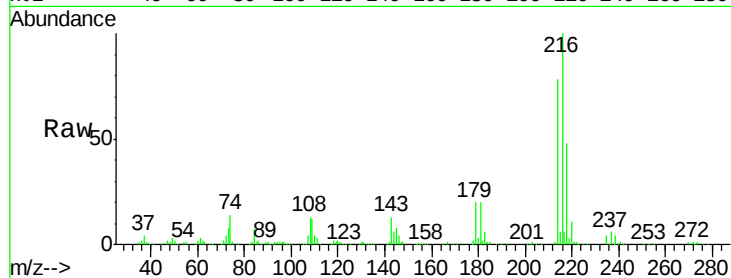
Ion Ratio Lower Upper

216 100

214 78.1 63.8 95.8

179 20.9 18.2 27.2

108 17.4 17.2 25.8

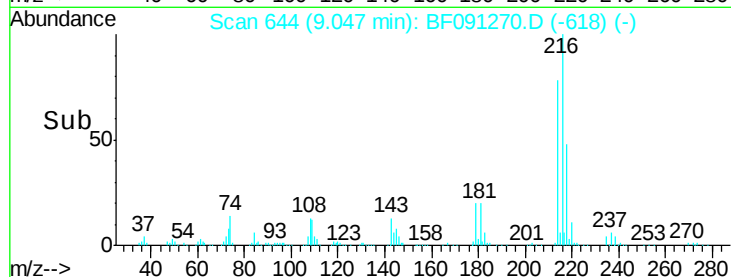


Abundance Ion 216.00 (215.70 to 216.70): E

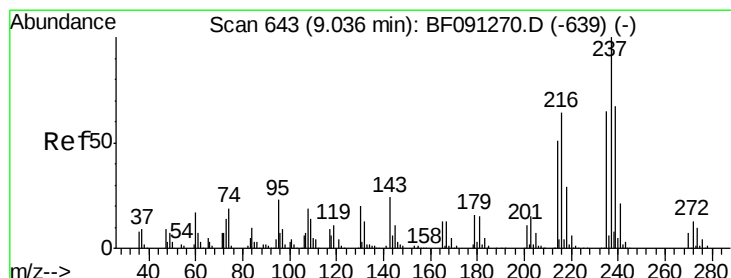
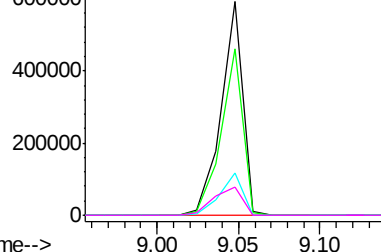
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 58.58 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

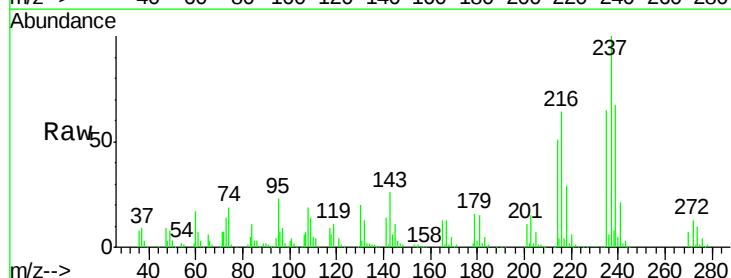
Tgt Ion:237 Resp: 242880

Ion Ratio Lower Upper

237 100

235 64.5 43.9 83.9

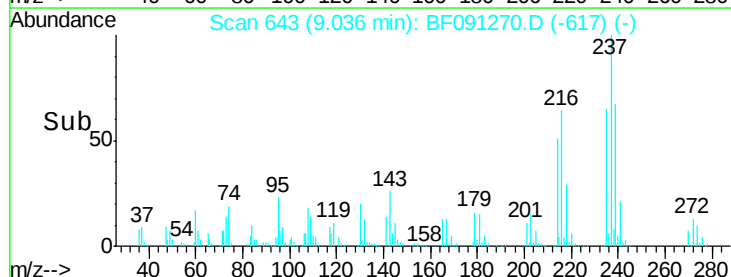
272 12.5 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

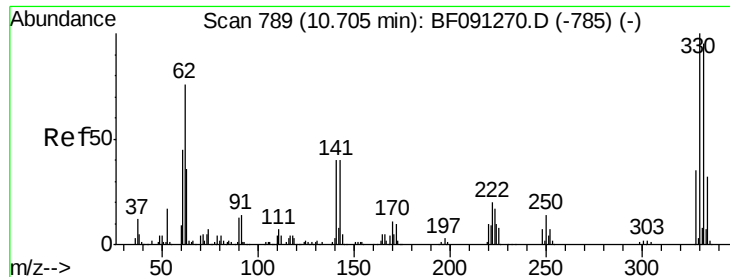
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

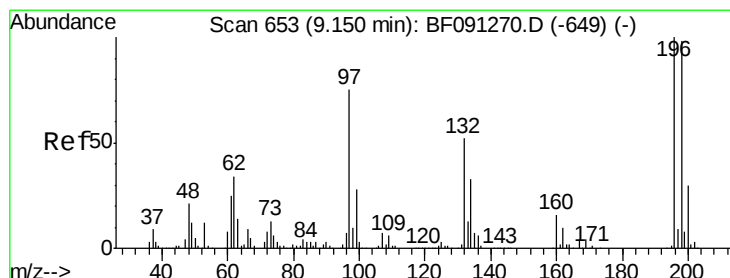
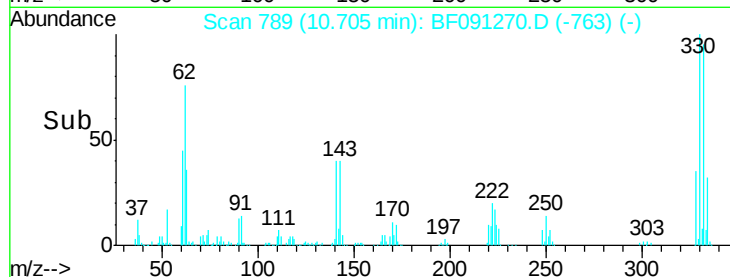
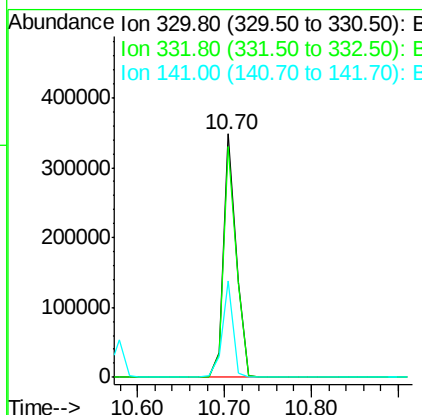
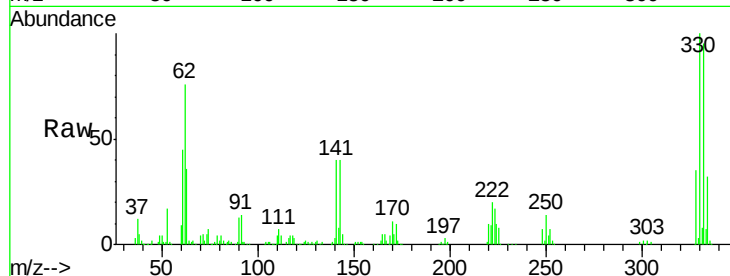




#41
 2,4,6-Tribromophenol
 Concen: 80.60 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

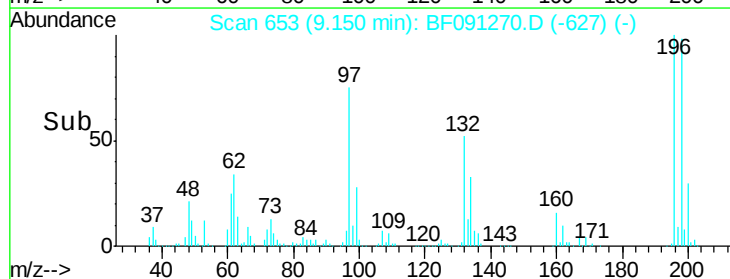
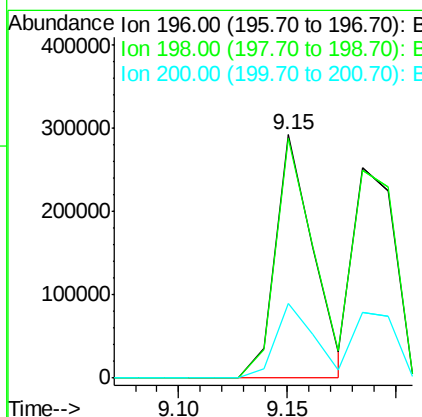
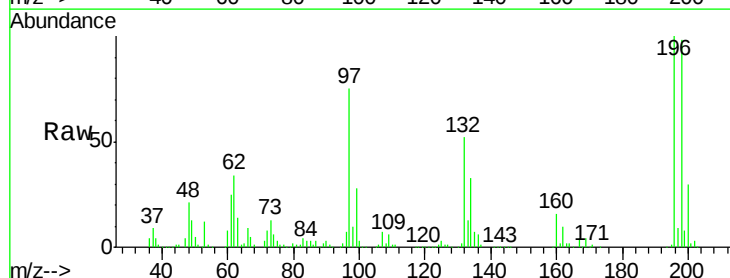
Instrument :
 BNA_F
 ClientSampleId :

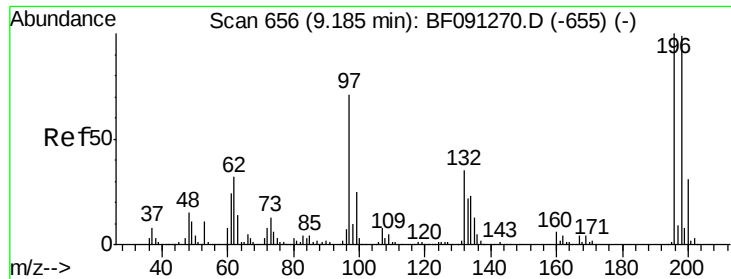
Tot Ion:330 Resp: 363047
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 33.6 33.6 50.4



#42
 2,4,6-Trichlorophenol
 Concen: 42.87 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

Tgt Ion:196 Resp: 355013
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.4 116.0
 200 30.4 25.2 37.8

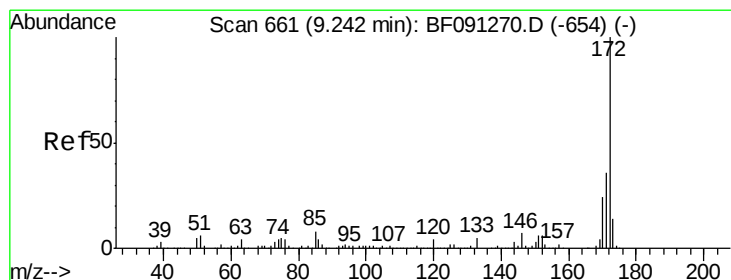
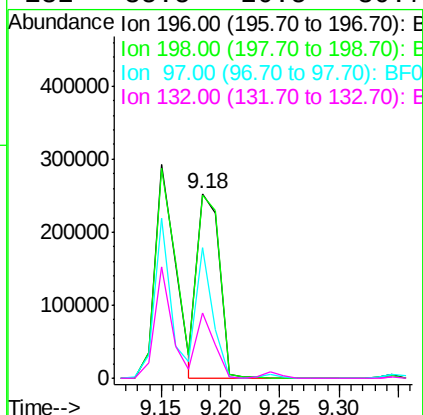
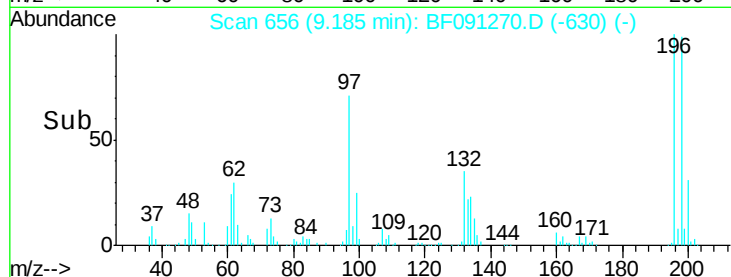
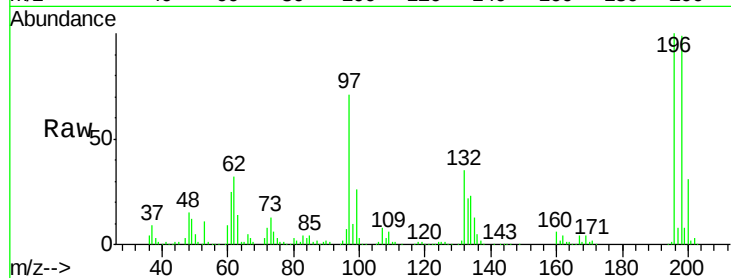




#43
 2,4,5-Trichlorophenol
 Concen: 38.50 ng
 RT: 9.18 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

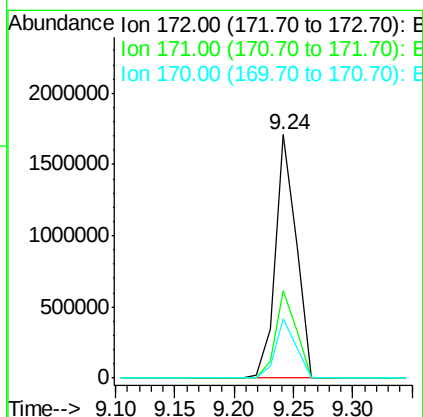
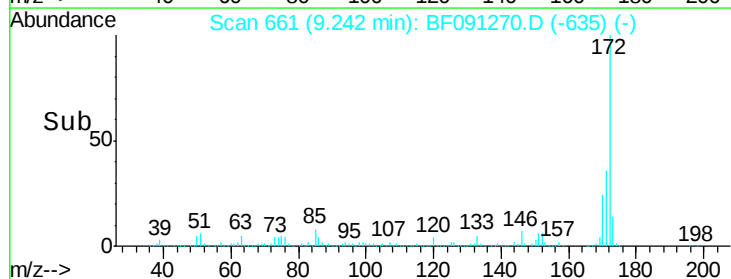
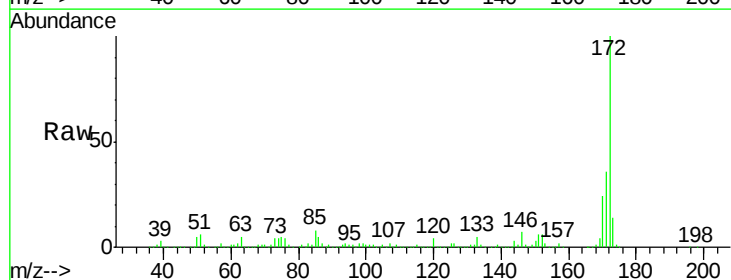
Instrument :
 BNA_F
 ClientSampleId :

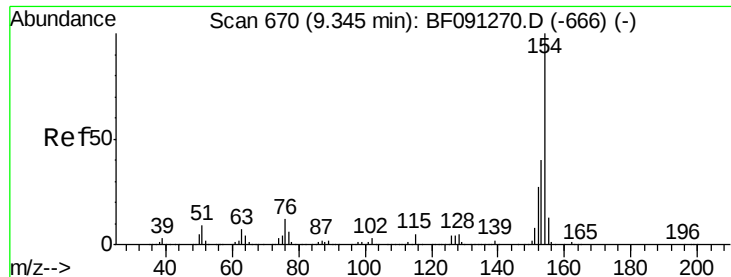
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	77.0	115.6
97	70.9	33.5	50.3#
132	35.5	20.5	30.7#



#44
 2-Fluorobiphenyl
 Concen: 74.31 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.4	19.7	29.5





#45

1,1'-Biphenyl

Concen: 37.94 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

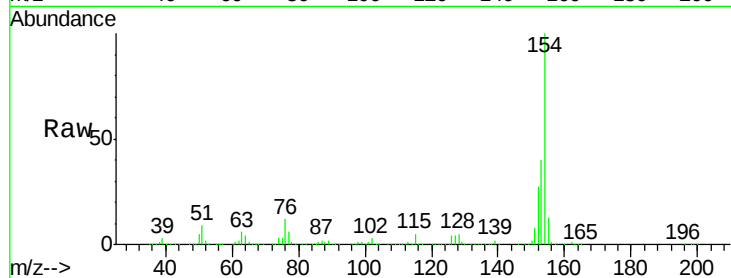
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1395982

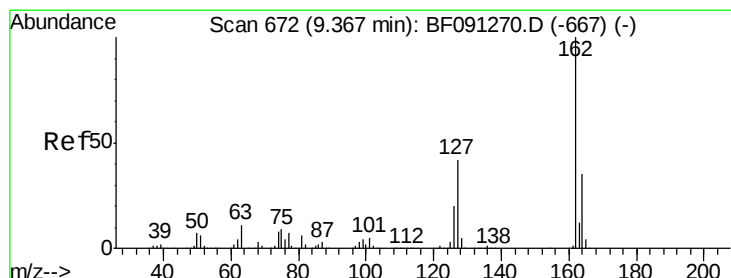
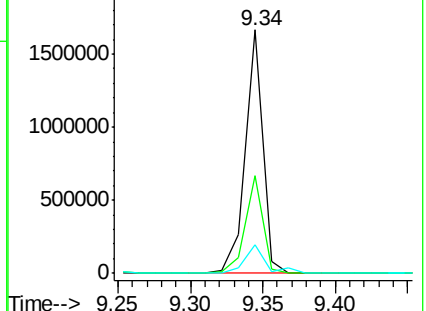
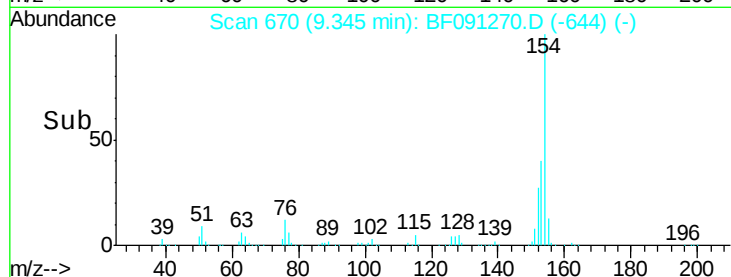
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	11.9	0.0	36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.90 ng

RT: 9.37 min Scan# 672

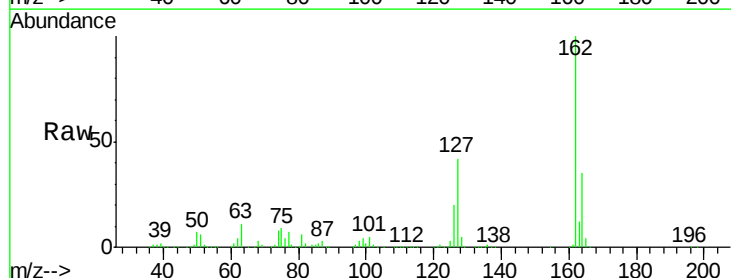
Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Tgt Ion:162 Resp: 982903

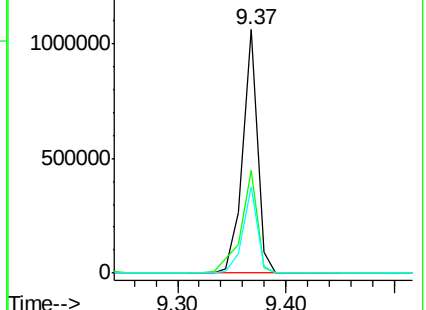
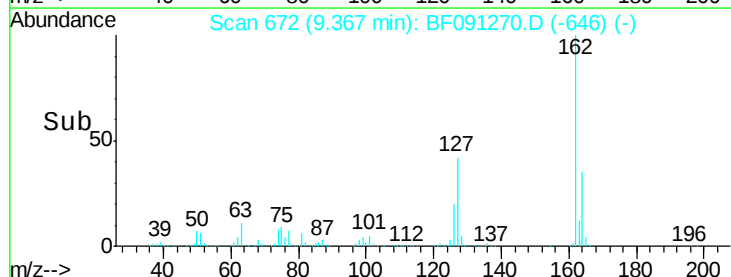
Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.3	51.5
164	35.1	26.6	40.0

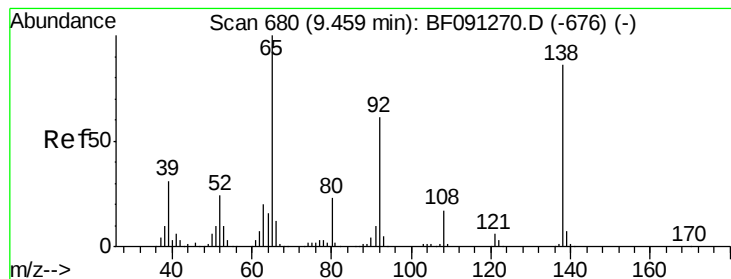


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.02 ng

RT: 9.46 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampled :

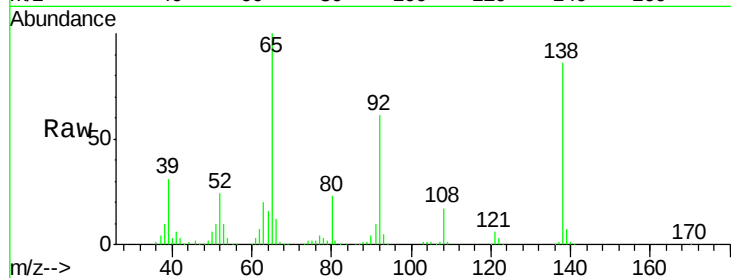
Tot Ion: 65 Resp: 376084

Ion Ratio Lower Upper

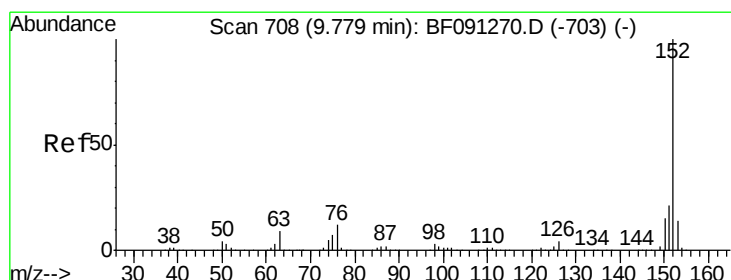
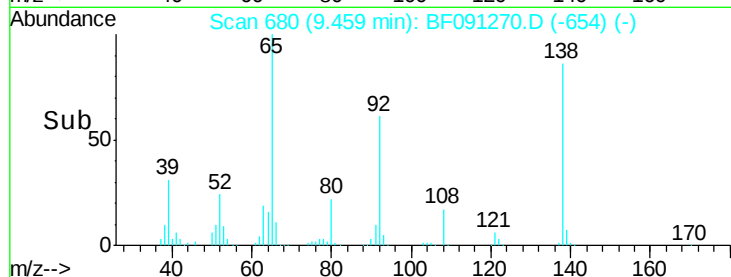
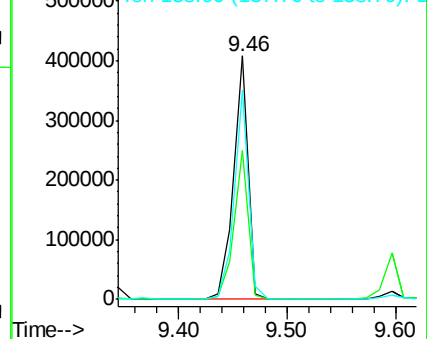
65 100

92 61.1 53.6 80.4

138 86.1 91.0 136.6#



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



#48

Acenaphthylene

Concen: 36.30 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

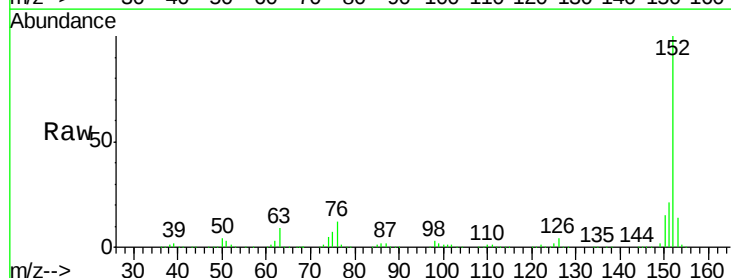
Tgt Ion: 152 Resp: 1495749

Ion Ratio Lower Upper

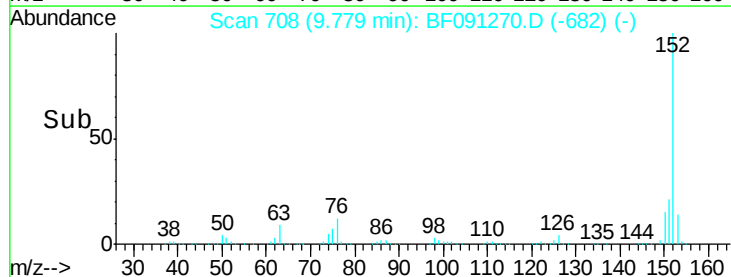
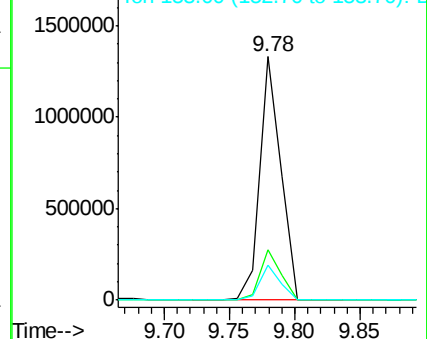
152 100

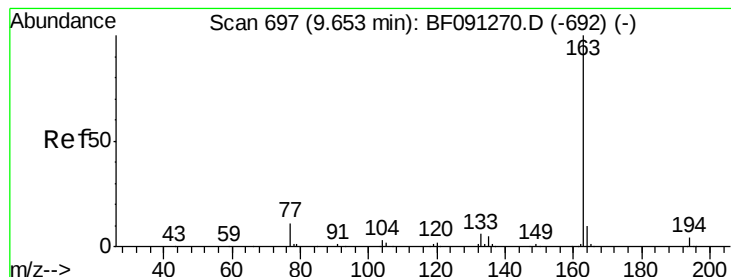
151 20.9 16.6 24.8

153 14.4 10.7 16.1



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





#49

Dimethylphthalate

Concen: 37.56 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampled :

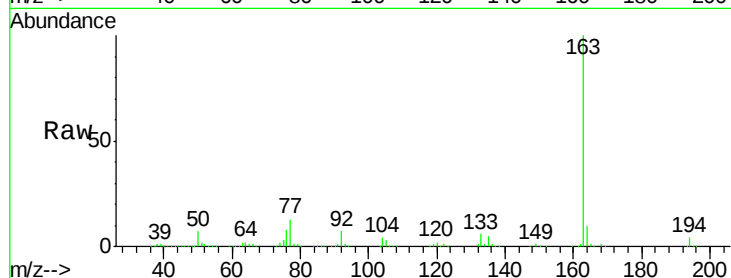
Tot Ion:163 Resp: 1209075

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

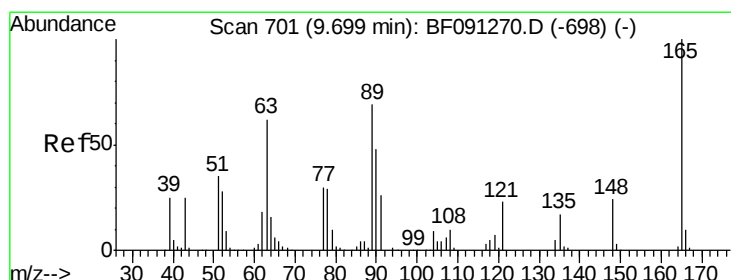
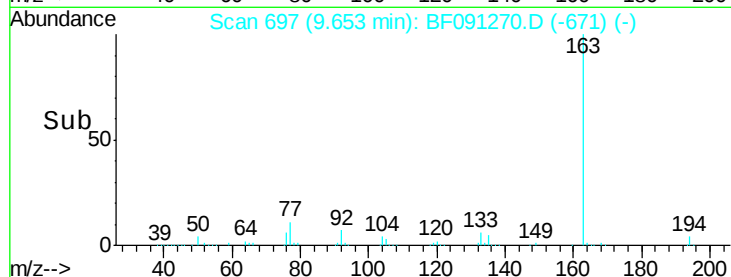
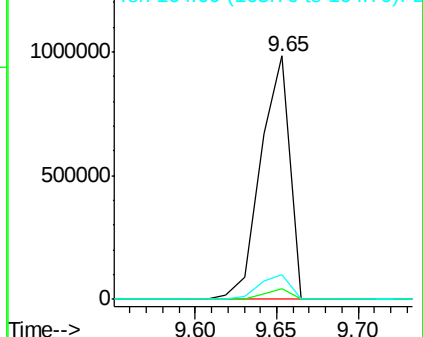
164 10.1 7.8 11.8



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: 36.68 ng

RT: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

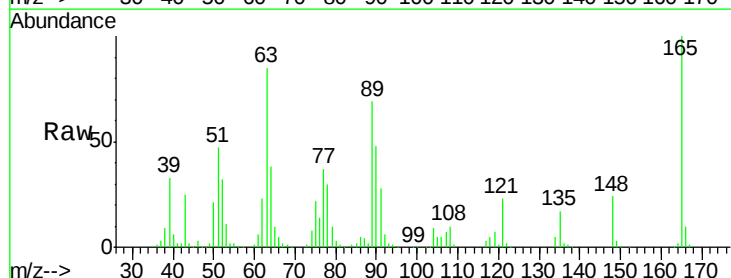
Tgt Ion:165 Resp: 253134

Ion Ratio Lower Upper

165 100

63 85.4 59.4 89.0

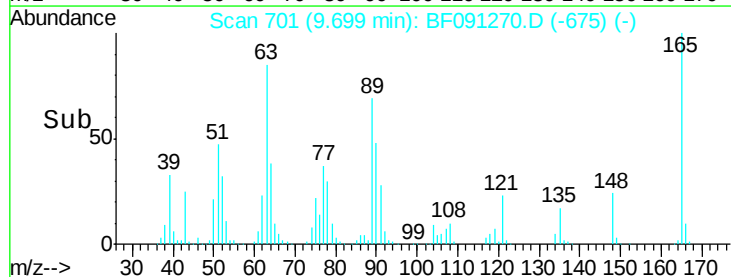
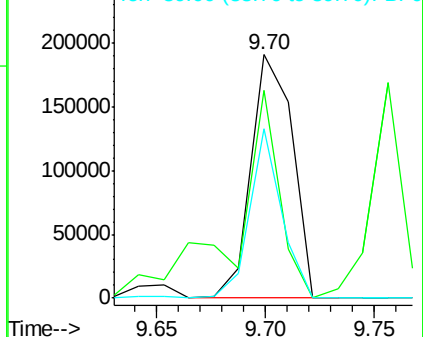
89 69.5 50.8 76.2

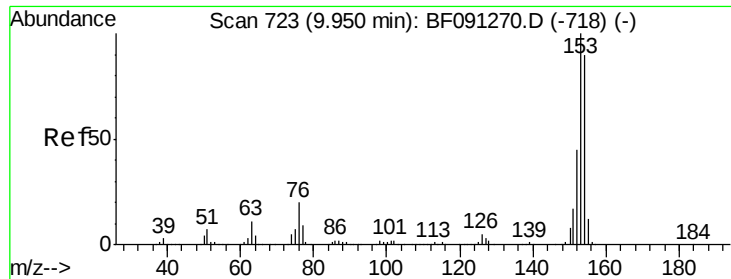


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.45 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

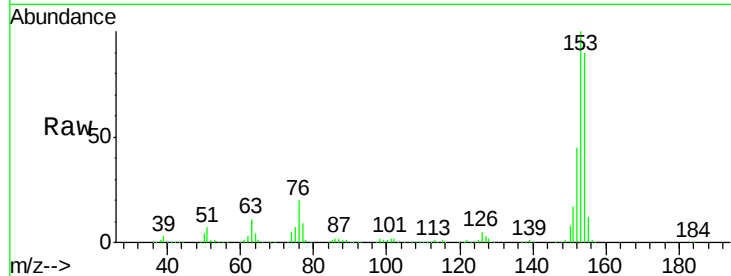
Tot Ion:154 Resp: 1058901

Ion Ratio Lower Upper

154 100

153 111.2 91.0 136.6

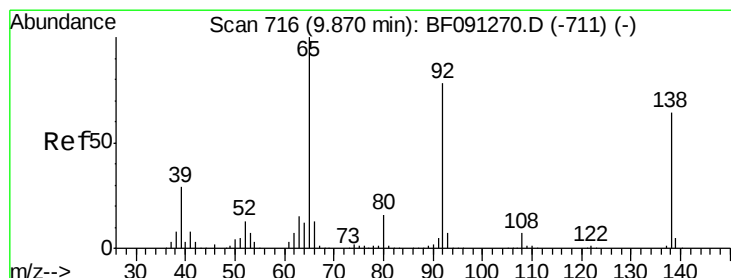
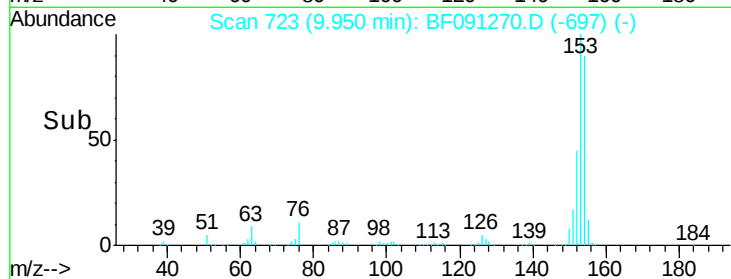
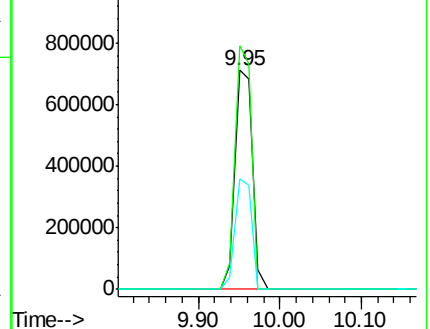
152 50.5 44.2 66.2



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: 40.48 ng

RT: 9.87 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

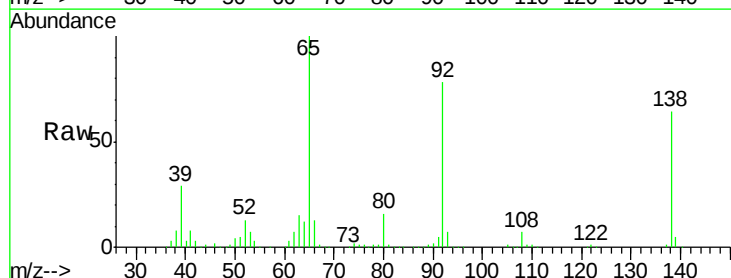
Tgt Ion:138 Resp: 297837

Ion Ratio Lower Upper

138 100

108 11.4 8.1 12.1

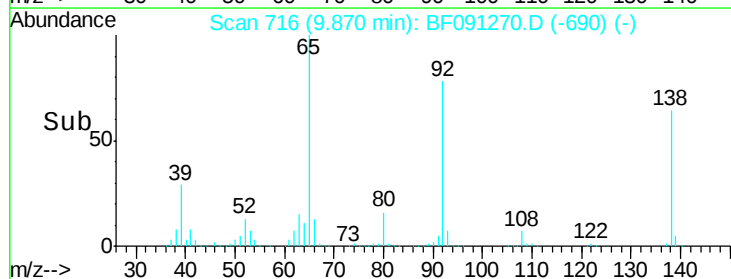
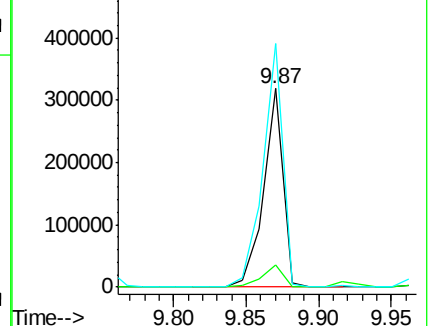
92 122.6 92.5 138.7

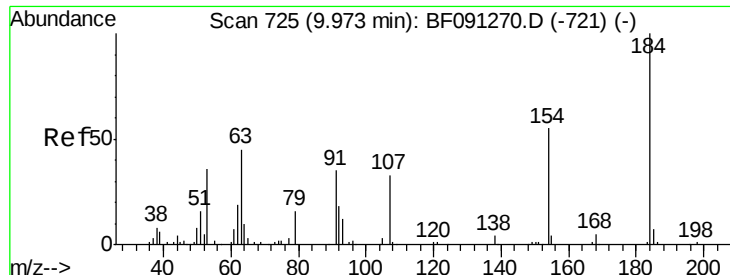


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

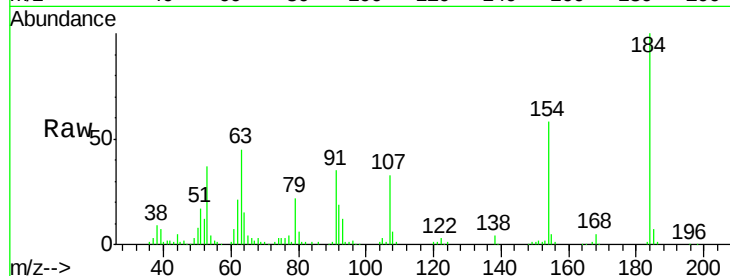




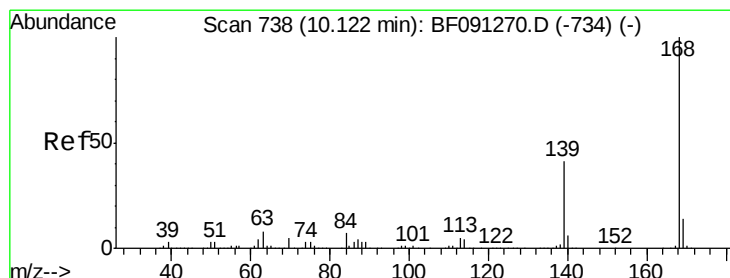
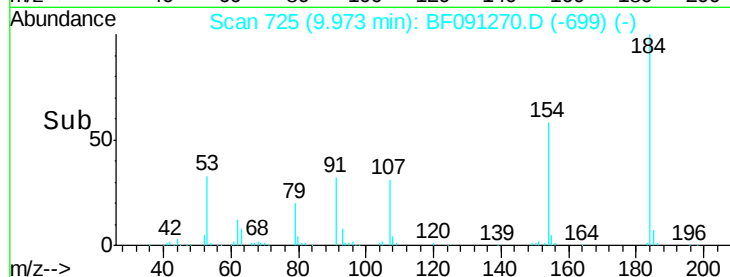
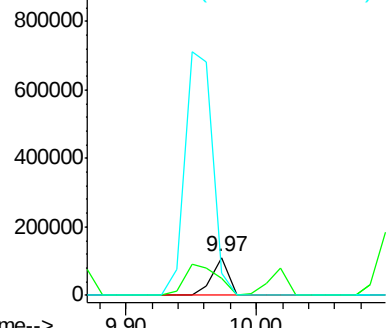
#53
2,4-Dinitrophenol
Concen: 27.99 ng
RT: 9.97 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 99549
Ion Ratio Lower Upper
184 100
63 45.3 58.3 87.5#
154 57.6 48.6 73.0

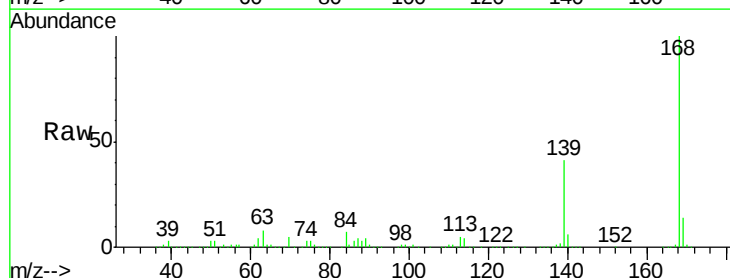


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

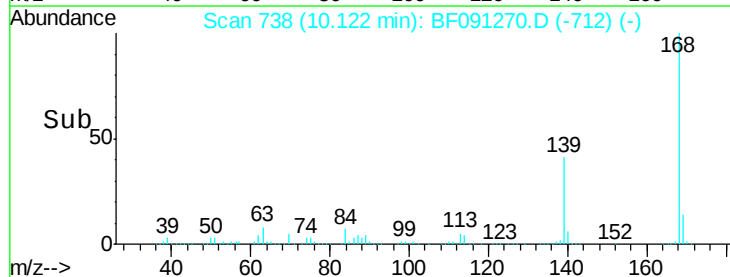
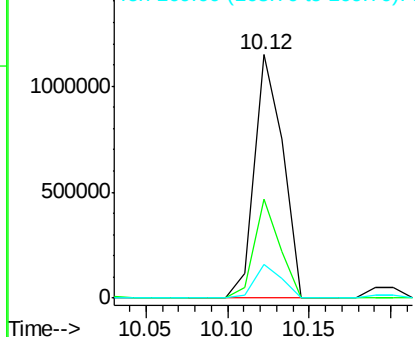


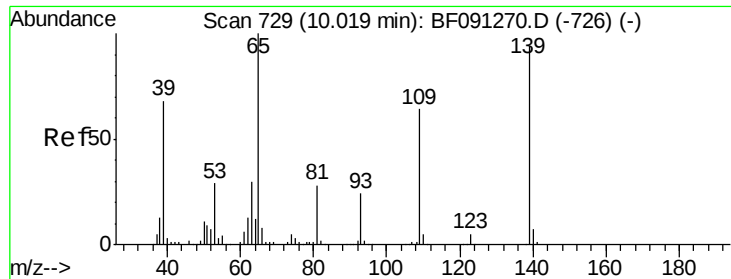
#54
Dibenzofuran
Concen: 38.93 ng
RT: 10.12 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:168 Resp: 1385205
Ion Ratio Lower Upper
168 100
139 40.7 33.4 50.2
169 14.1 11.1 16.7



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

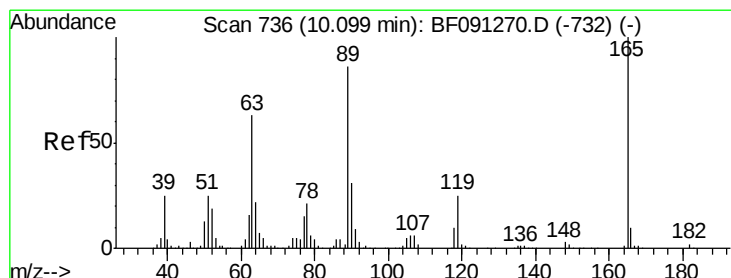
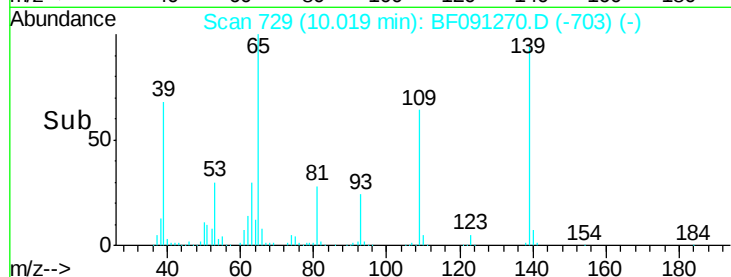
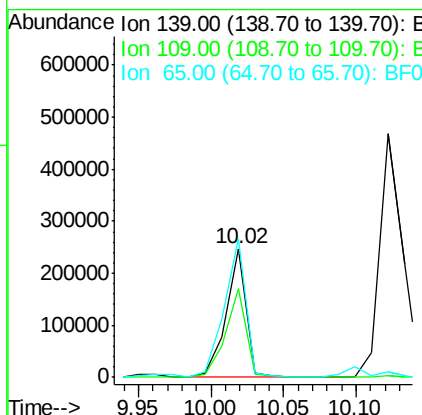
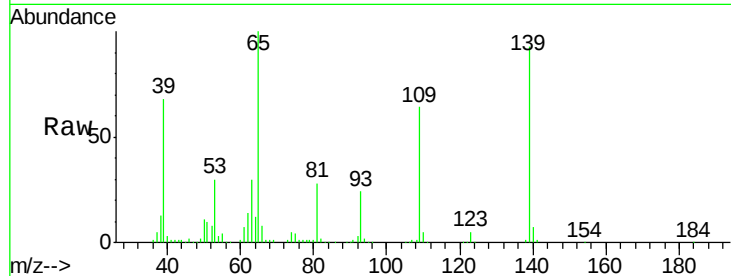




#55
4-Nitrophenol
Concen: 67.45 ng
RT: 10.02 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

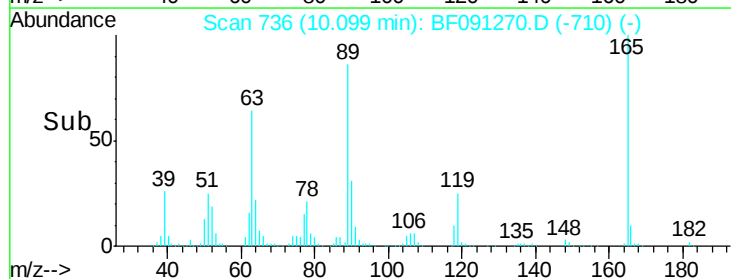
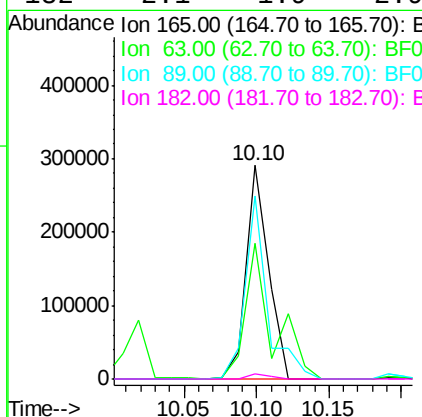
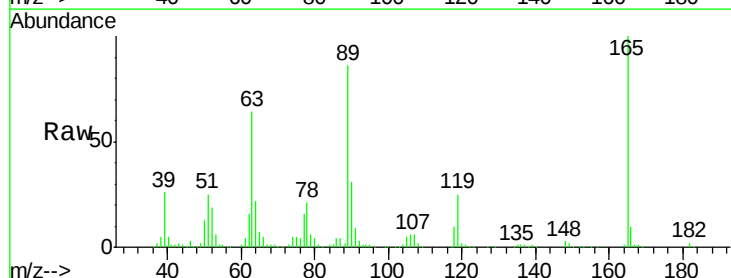
Instrument :
BNA_F
ClientSampleId :

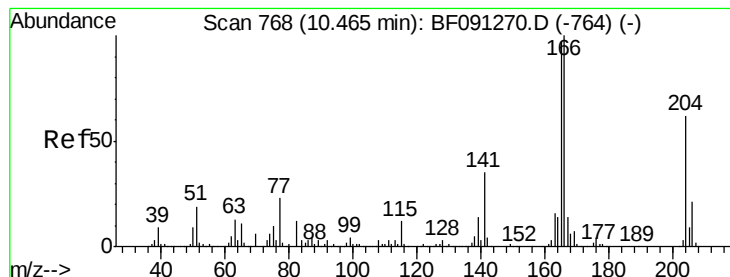
Tot Ion:139 Resp: 239526
Ion Ratio Lower Upper
139 100
109 68.6 54.9 94.9
65 107.2 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 35.68 ng
RT: 10.10 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:165 Resp: 309976
Ion Ratio Lower Upper
165 100
63 63.7 29.0 43.4#
89 85.7 43.1 64.7#
182 2.1 1.9 2.9





#57

Fluorene

Concen: 35.28 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

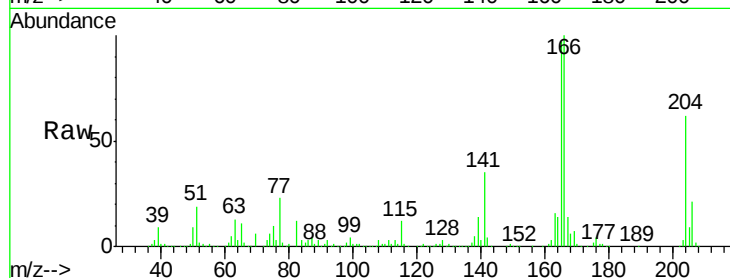
Tot Ion:166 Resp: 1016007

Ion Ratio Lower Upper

166 100

165 96.6 80.0 120.0

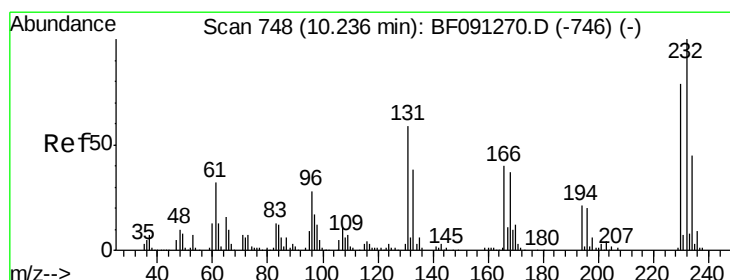
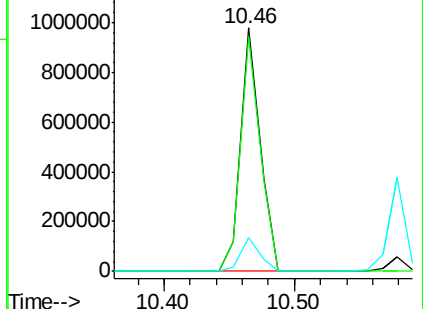
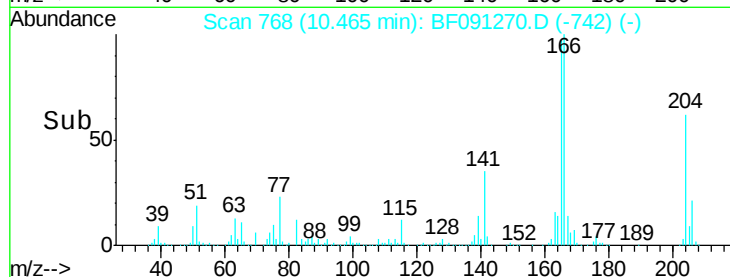
167 14.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.82 ng

RT: 10.24 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Tgt Ion:232 Resp: 290749

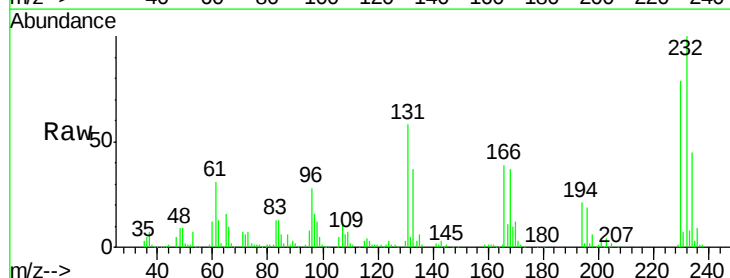
Ion Ratio Lower Upper

232 100

131 45.0 38.4 57.6

130 2.0 1.8 2.8

166 32.2 23.9 35.9

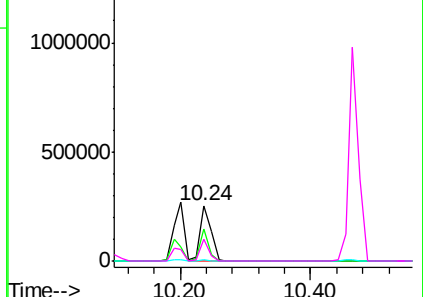
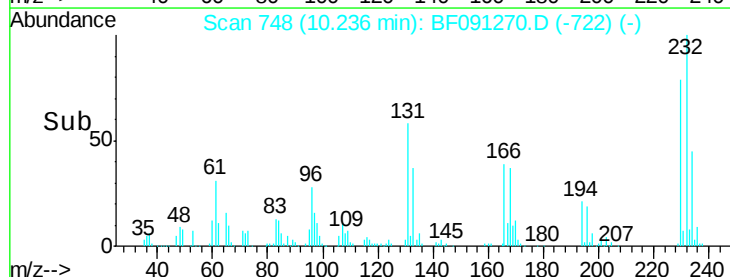


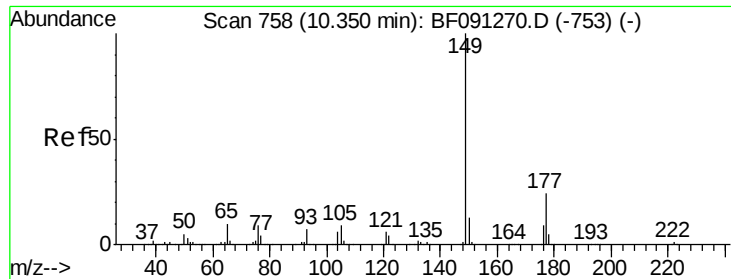
Abundance Ion 232.00 (231.70 to 232.70): E

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

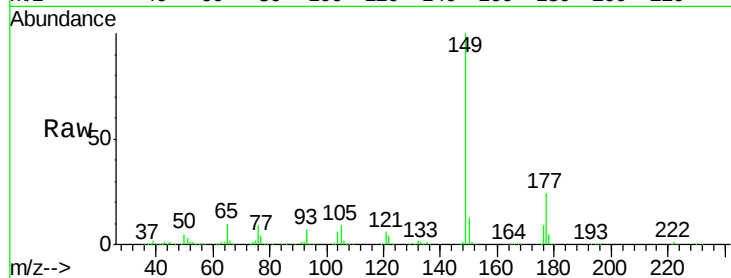




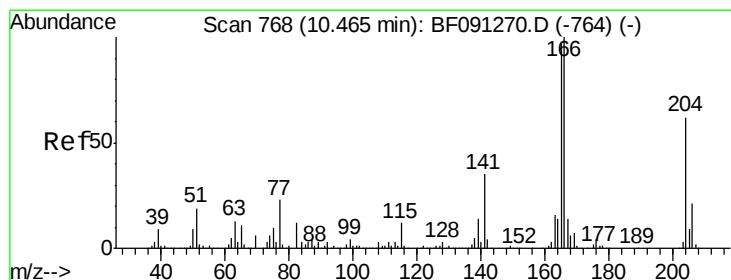
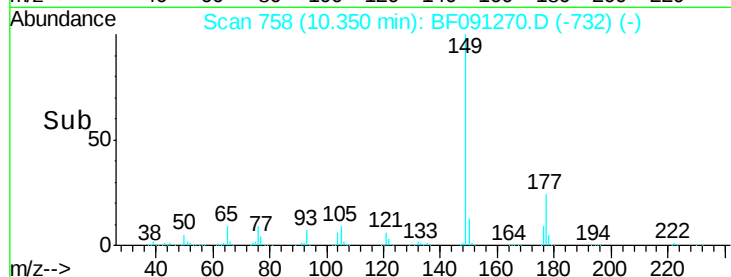
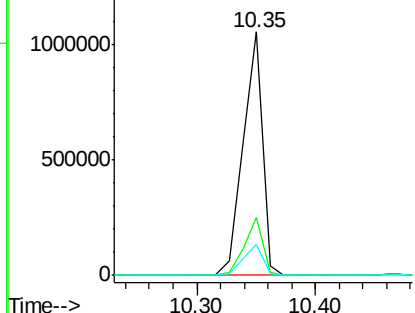
#59
Diethylphthalate
Concen: 38.52 ng
RT: 10.35 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1201931
Ion Ratio Lower Upper
149 100
177 23.7 15.7 23.5#
150 12.8 10.2 15.2

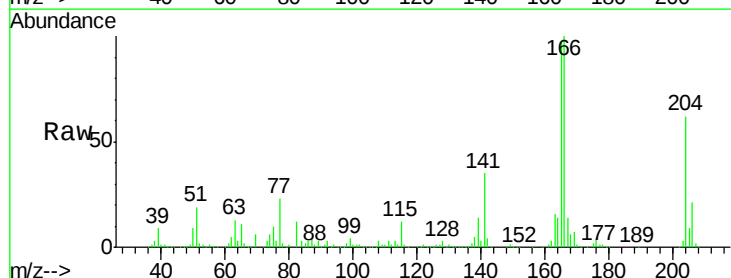


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

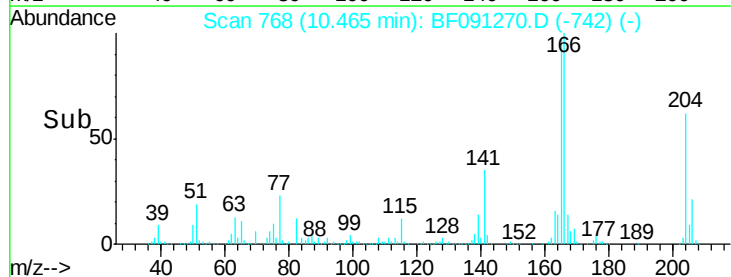
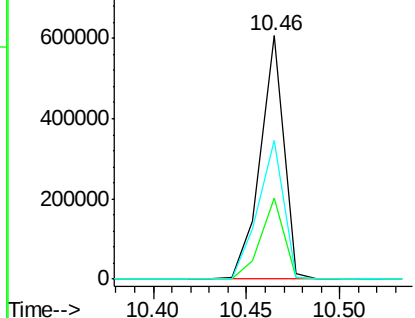


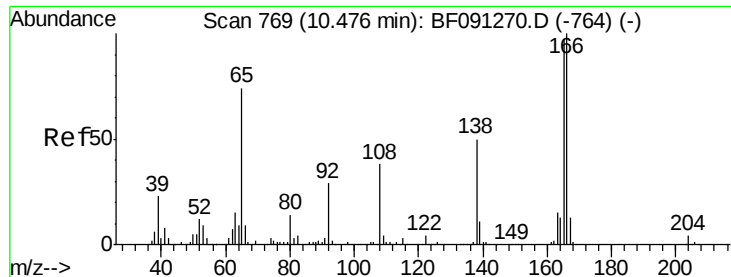
#60
4-Chlorophenyl-phenylether
Concen: 38.99 ng
RT: 10.46 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:204 Resp: 527255
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 57.2 40.6 61.0



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

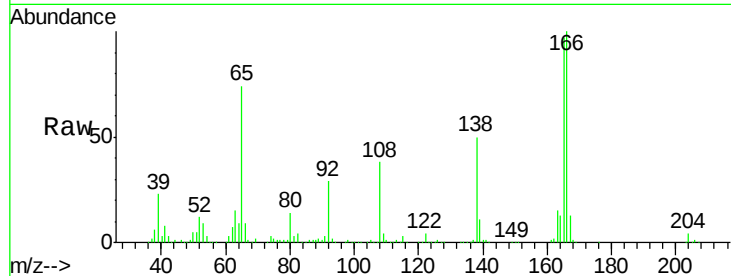




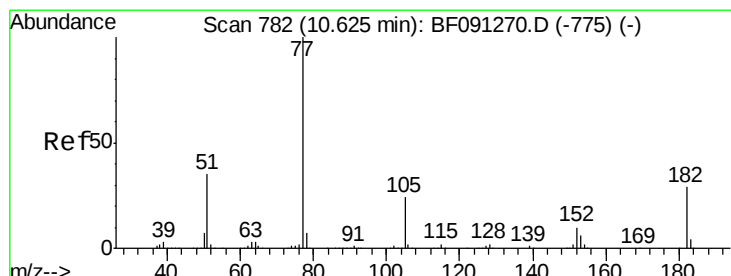
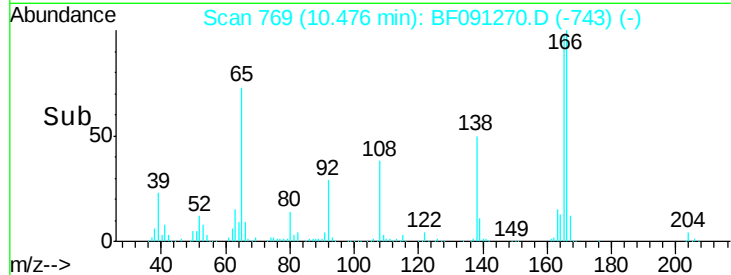
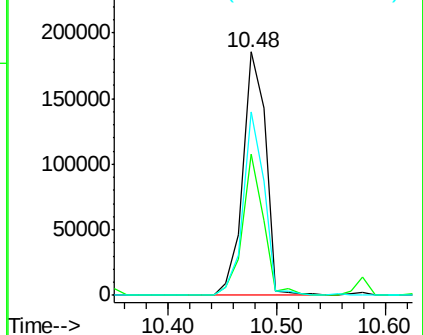
#61
4-Nitroaniline
Concen: 35.60 ng
RT: 10.48 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 269843
Ion Ratio Lower Upper
138 100
92 57.8 26.9 66.9
108 75.5 49.1 89.1

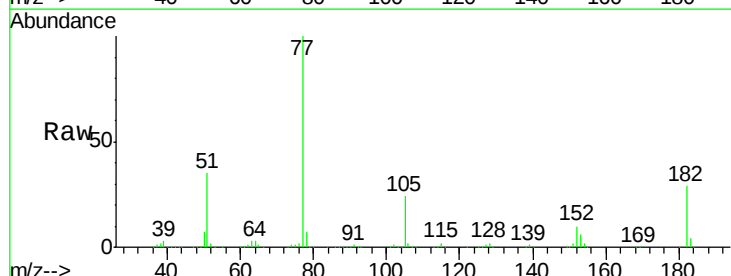


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

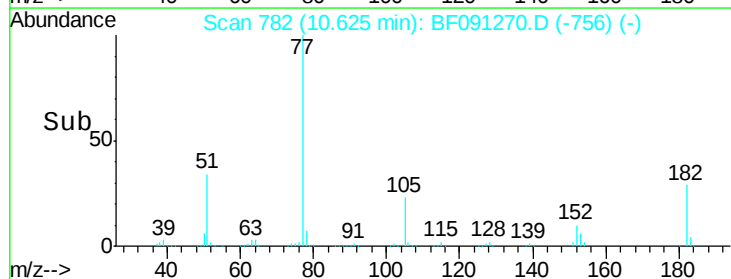
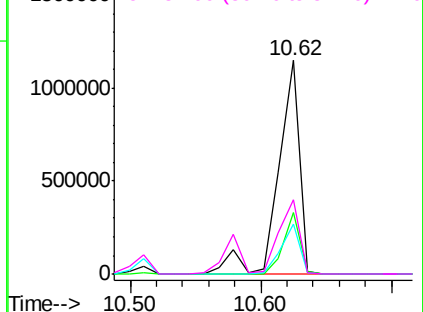


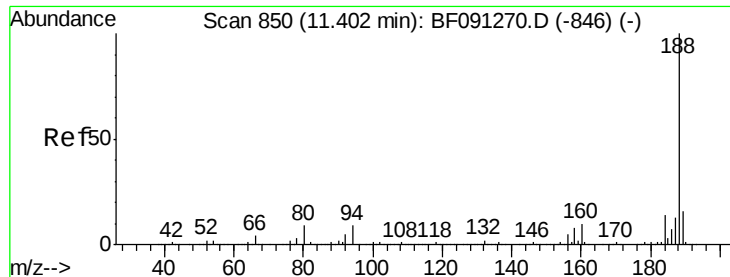
#62
Azobenzene
Concen: 35.14 ng
RT: 10.62 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion: 77 Resp: 1303990
Ion Ratio Lower Upper
77 100
182 29.0 12.5 52.5
105 23.6 3.7 43.7
51 34.6 11.9 51.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

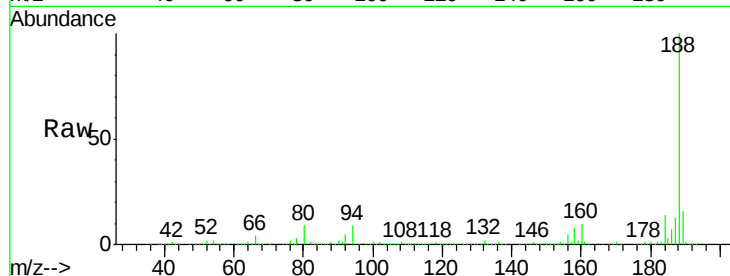




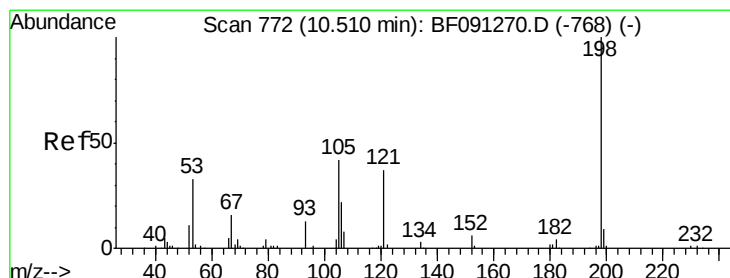
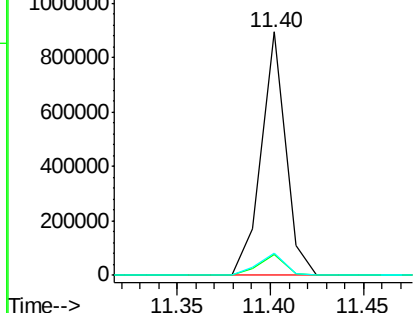
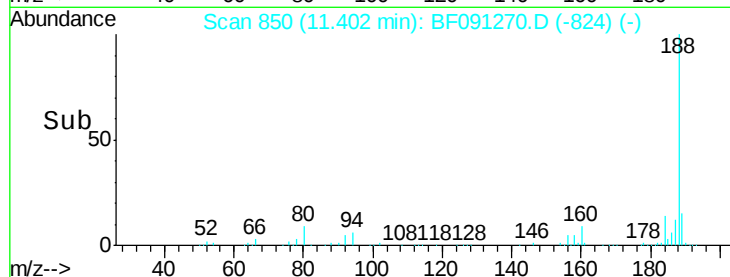
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 811442
Ion Ratio Lower Upper
188 100
94 8.5 9.2 13.8#
80 9.3 10.5 15.7#

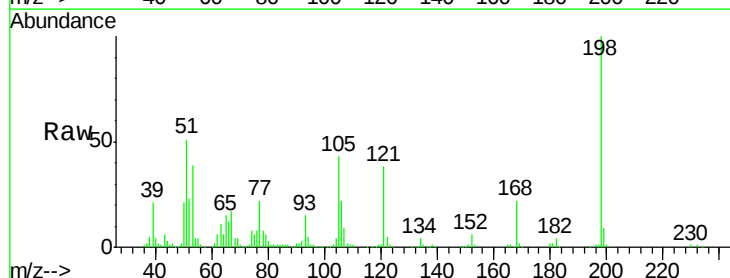


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

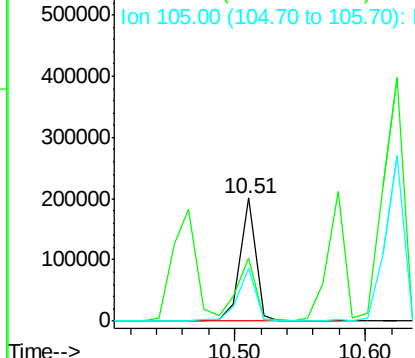
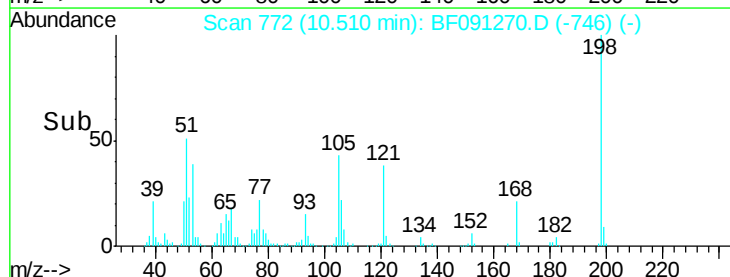


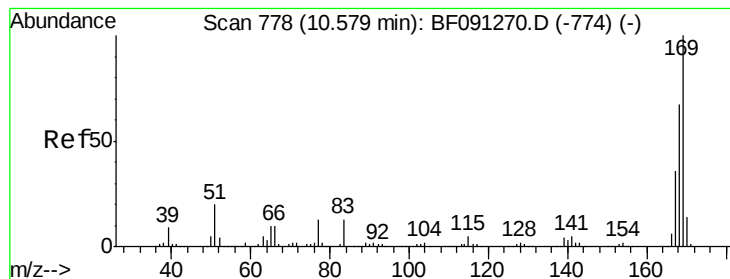
#64
4,6-Dinitro-2-methylphenol
Concen: 32.17 ng
RT: 10.51 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:198 Resp: 166636
Ion Ratio Lower Upper
198 100
51 51.0 77.1 117.1#
105 42.7 44.8 84.8#



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: 37.55 ng

RT: 10.58 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampled :

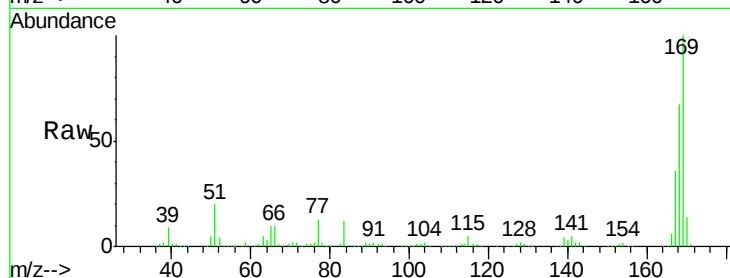
Tot Ion:169 Resp: 918118

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.8

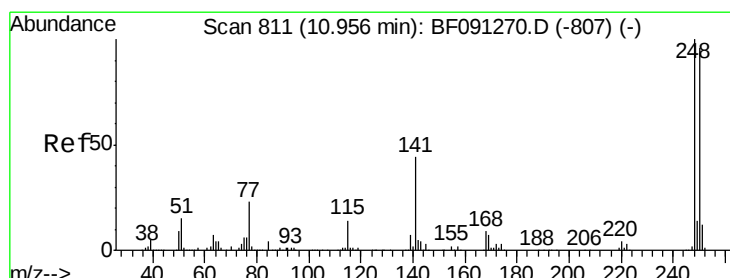
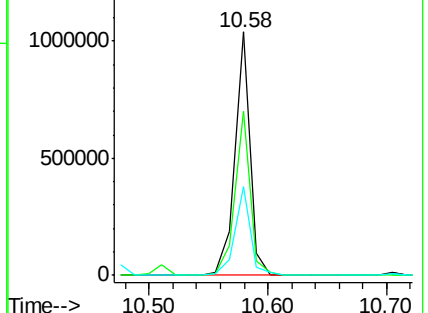
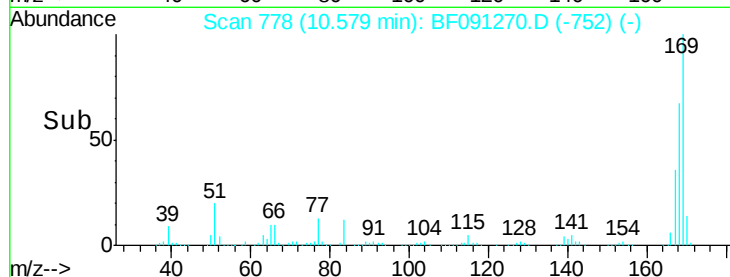
167 36.4 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.02 ng

RT: 10.96 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

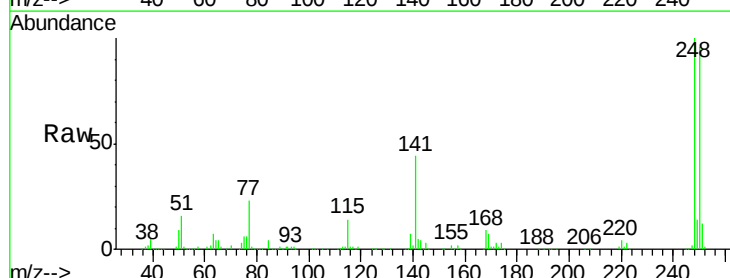
Tgt Ion:248 Resp: 364858

Ion Ratio Lower Upper

248 100

250 95.8 78.2 117.4

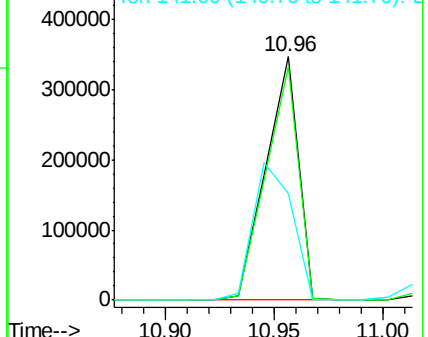
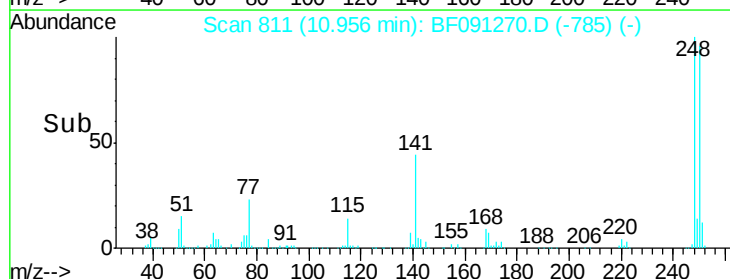
141 43.6 71.9 107.9#

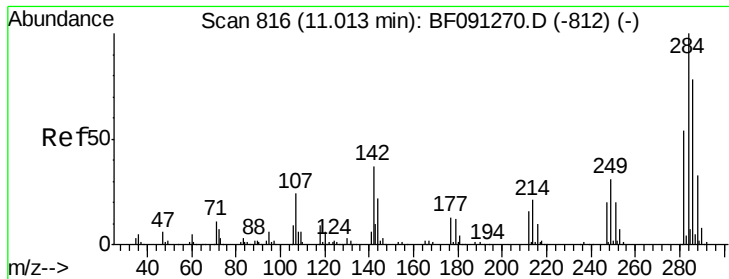


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

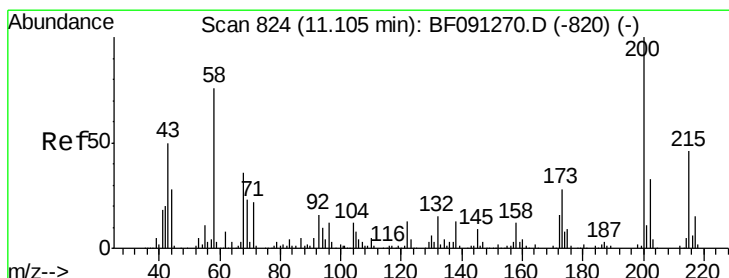
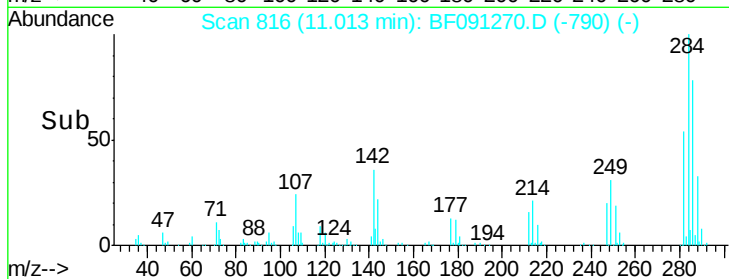
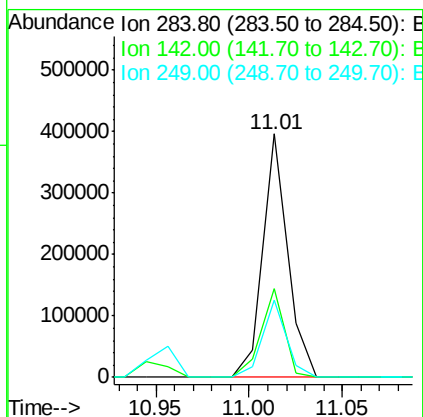
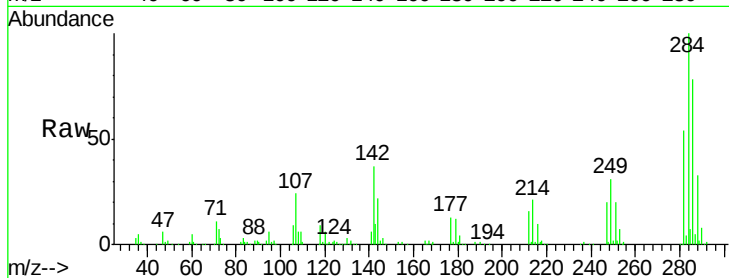




#67
Hexachlorobenzene
Concen: 39.22 ng
RT: 11.01 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

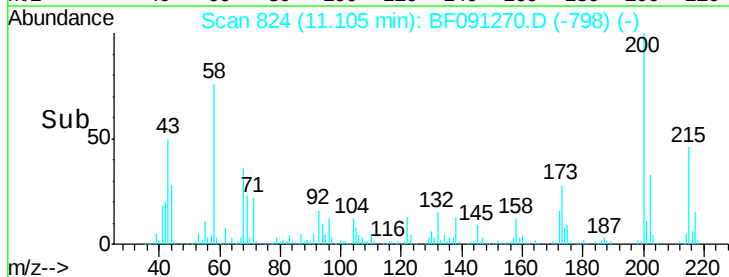
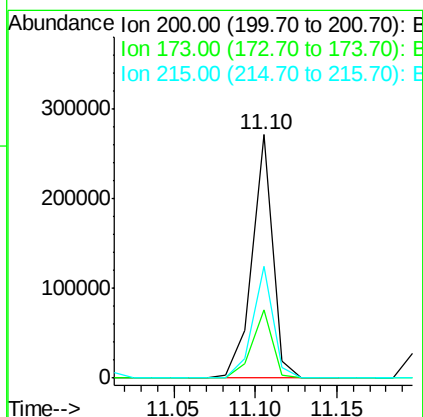
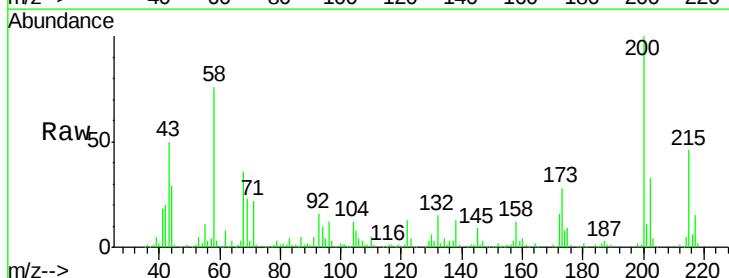
Instrument :
BNA_F
ClientSampleId :

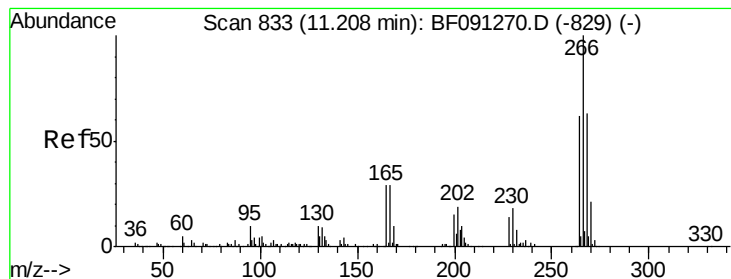
Tot Ion:284 Resp: 362898
Ion Ratio Lower Upper
284 100
142 36.7 17.9 26.9#
249 31.5 23.6 35.4



#68
Atrazine
Concen: 29.93 ng
RT: 11.10 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:200 Resp: 237247
Ion Ratio Lower Upper
200 100
173 28.3 7.8 47.8
215 46.1 24.3 64.3





#69

Pentachlorophenol

Concen: 66.32 ng

RT: 11.21 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

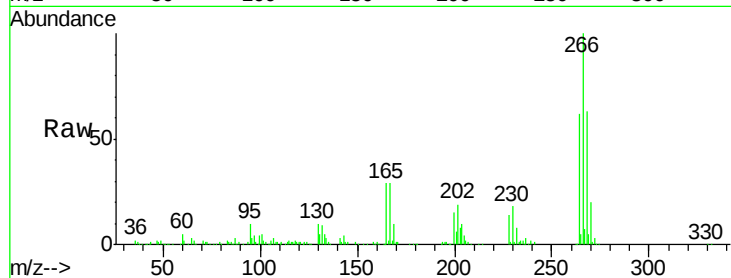
Tot Ion:266 Resp: 243026

Ion Ratio Lower Upper

266 100

268 63.3 50.3 75.5

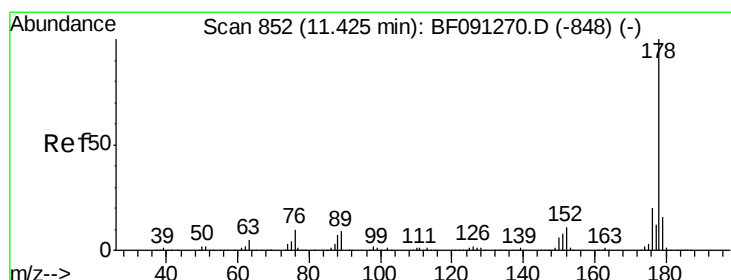
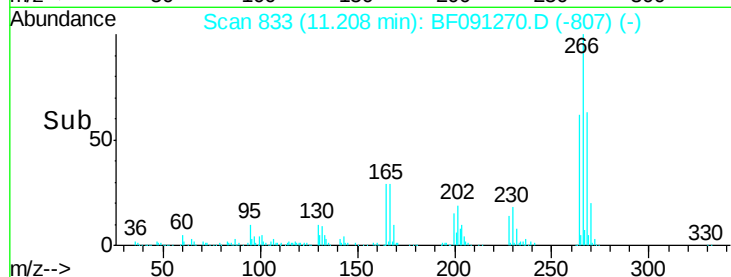
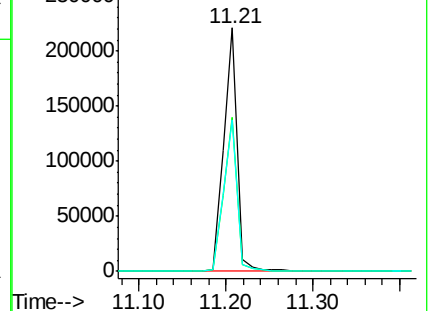
264 62.0 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.58 ng

RT: 11.42 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

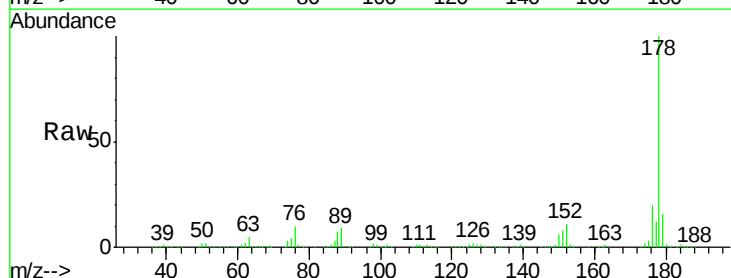
Tgt Ion:178 Resp: 1517341

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

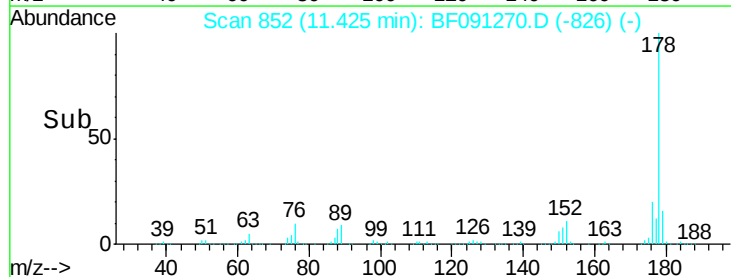
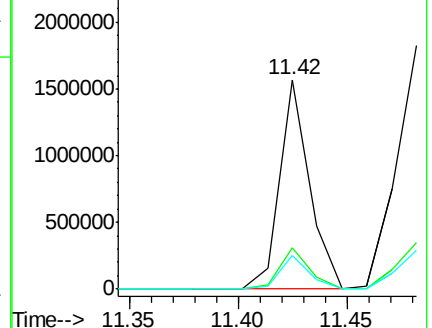
179 16.1 12.6 18.8

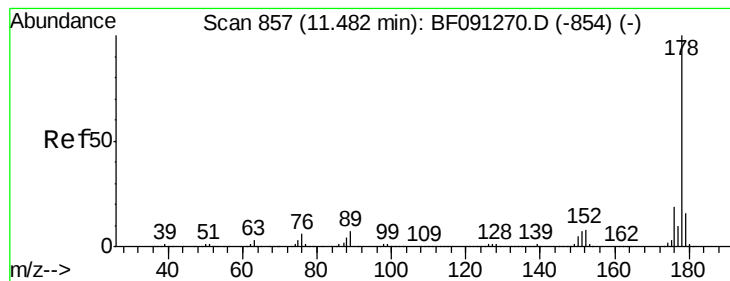


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.34 ng

RT: 11.48 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

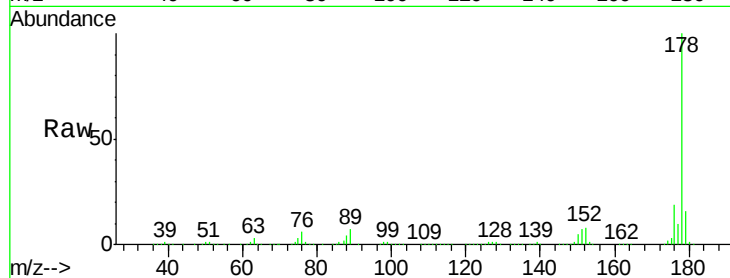
Tot Ion:178 Resp: 1799318

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

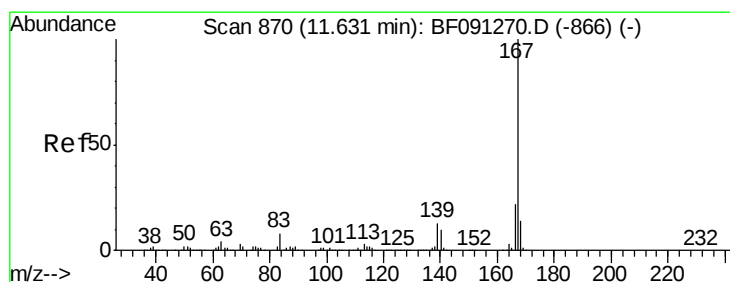
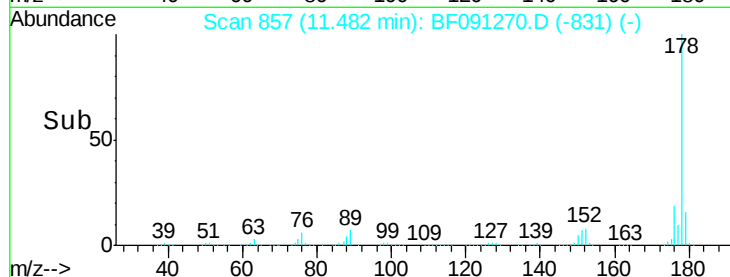
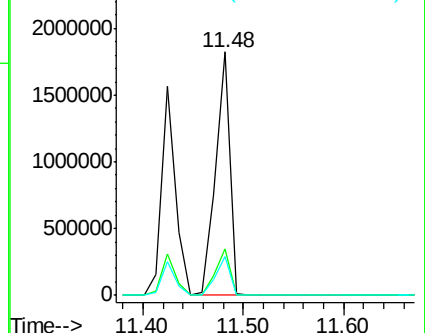
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.66 ng

RT: 11.63 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

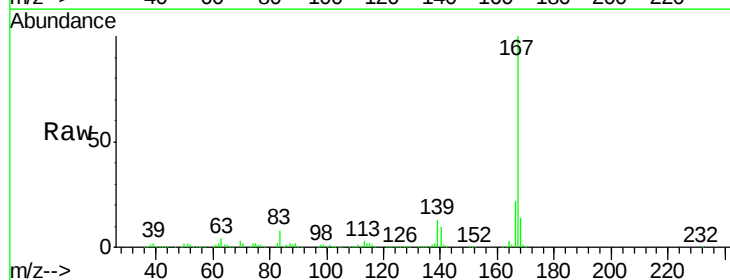
Tgt Ion:167 Resp: 1544387

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

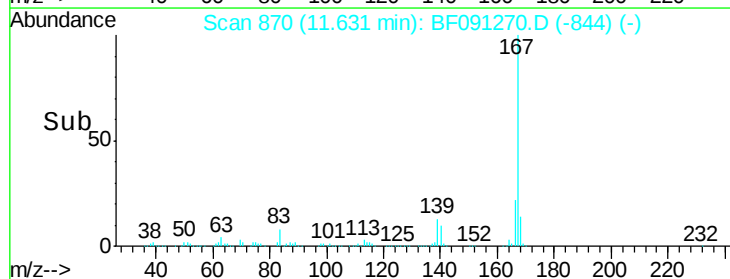
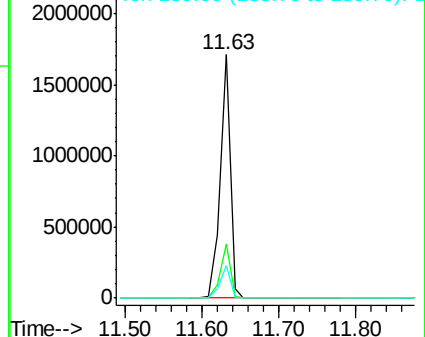
139 13.2 11.5 17.3

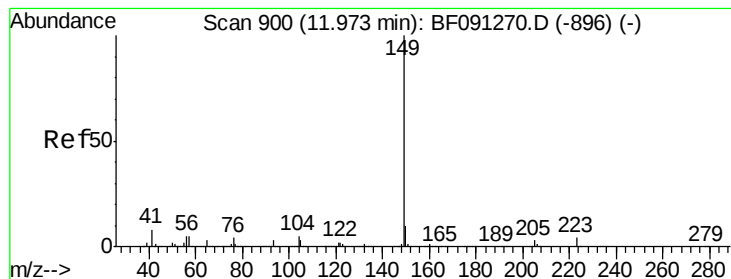


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.75 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampled :

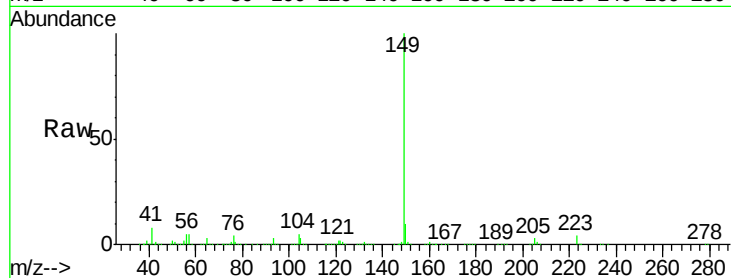
Tot Ion:149 Resp: 1841986

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

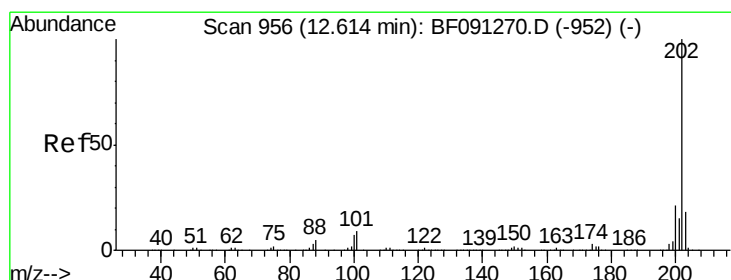
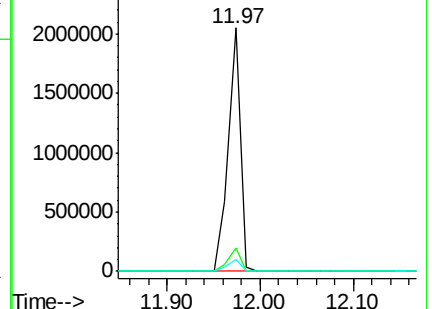
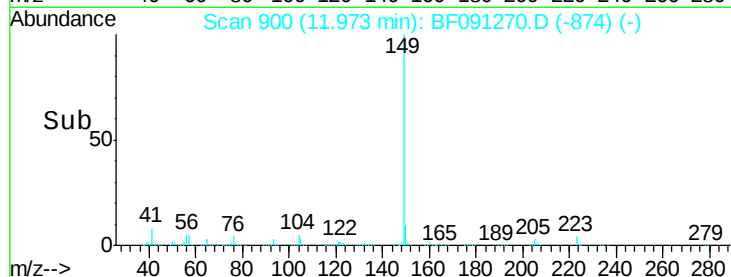
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.10 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

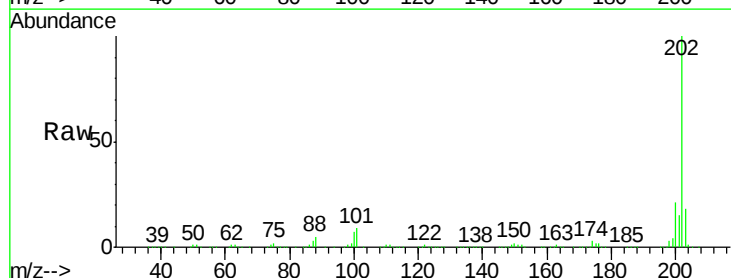
Tgt Ion:202 Resp: 1769512

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.5

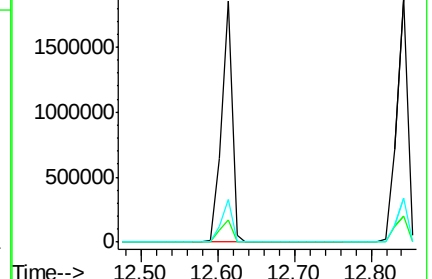
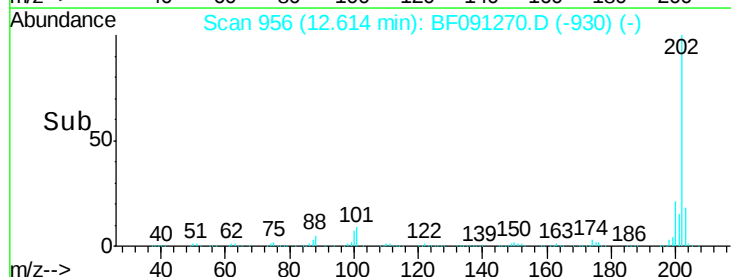
203 17.9 0.0 37.8

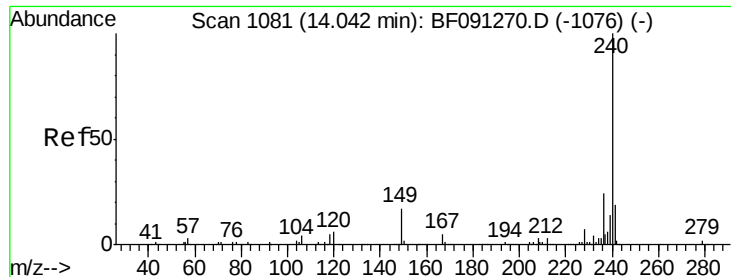


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

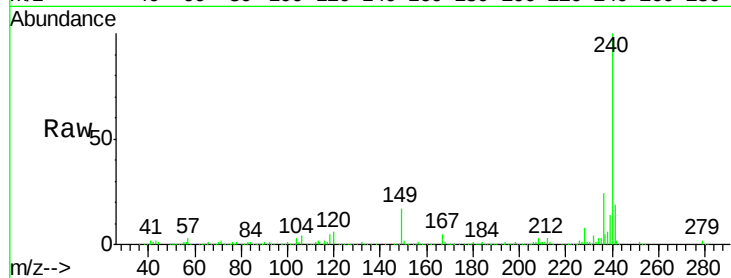
Tot Ion:240 Resp: 569374

Ion Ratio Lower Upper

240 100

120 5.5 12.1 18.1#

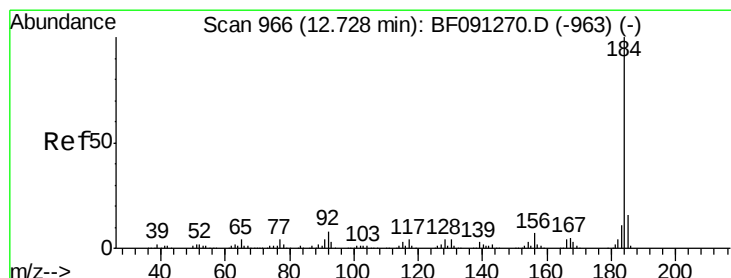
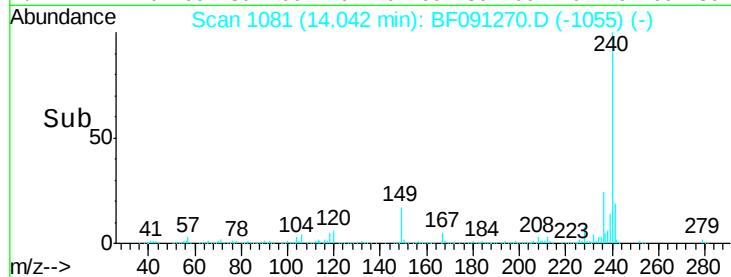
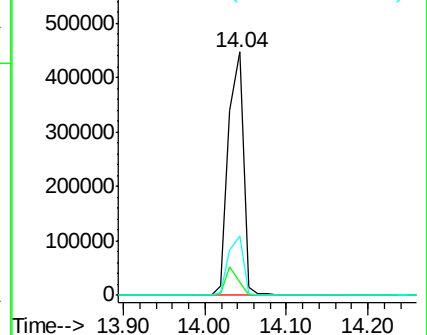
236 24.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.77 ng

RT: 12.73 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

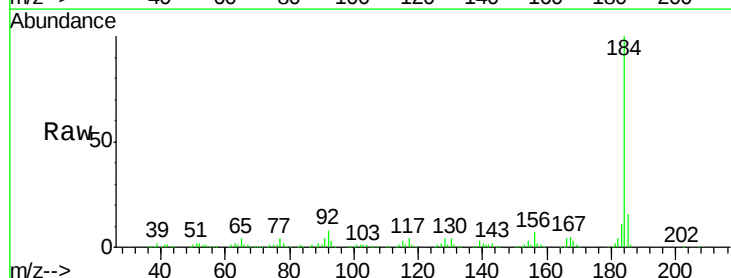
Tgt Ion:184 Resp: 457403

Ion Ratio Lower Upper

184 100

185 16.2 13.1 19.7

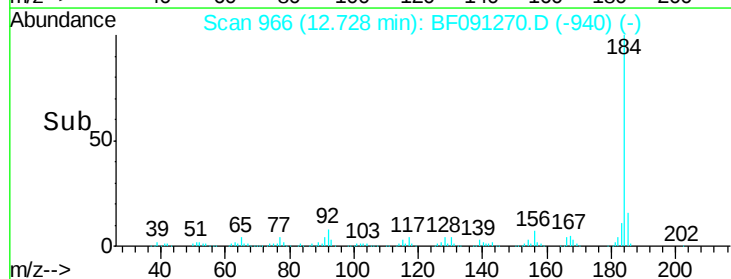
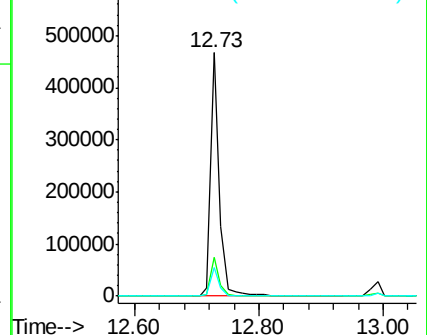
183 11.5 8.9 13.3

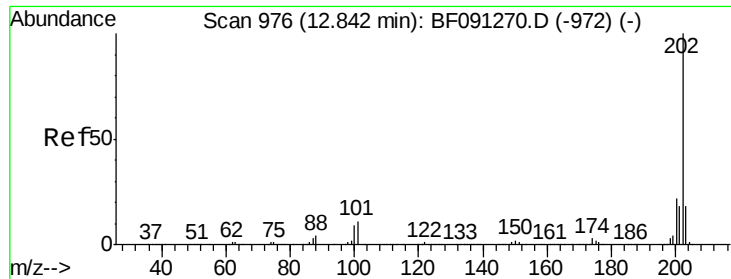


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

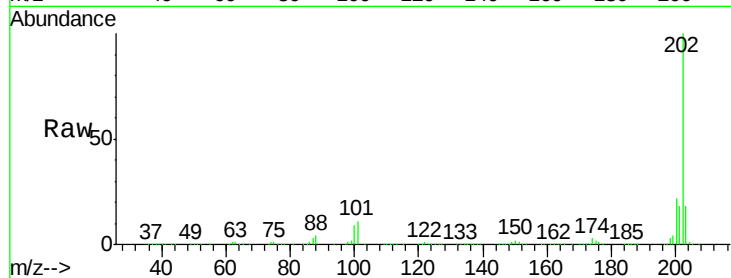




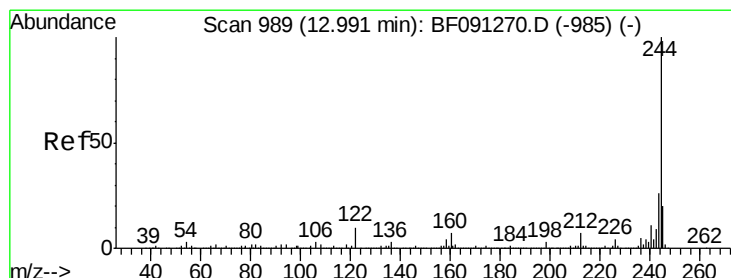
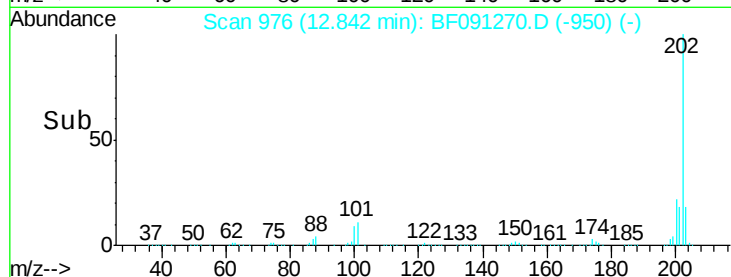
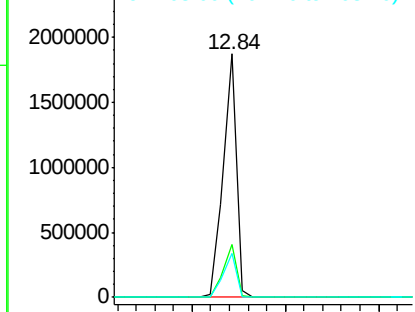
#77
Pvrene
Concen: 41.84 ng
RT: 12.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1827252
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.9 14.0 21.0

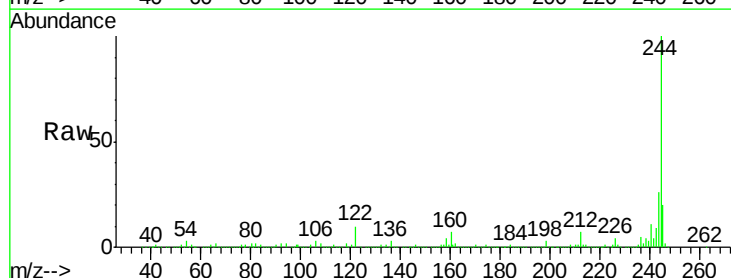


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

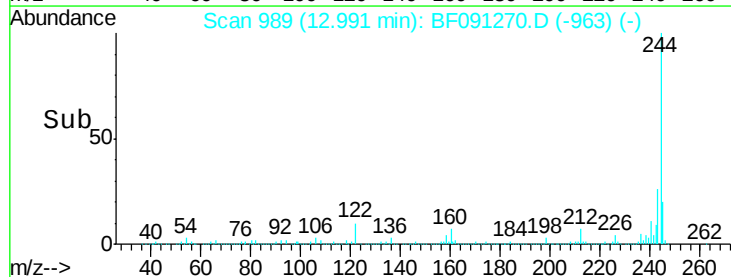
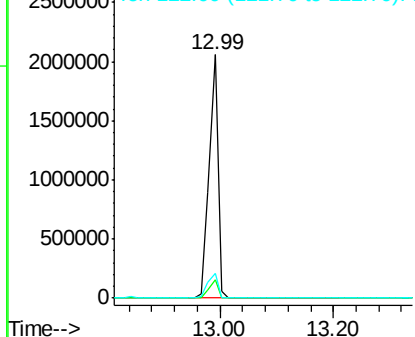


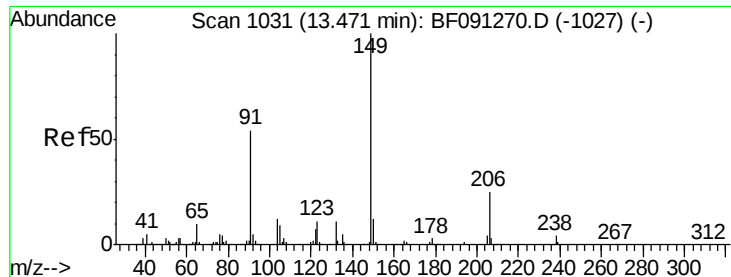
#78
Terphenyl-d14
Concen: 83.61 ng
RT: 12.99 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:244 Resp: 2100077
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 10.3 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

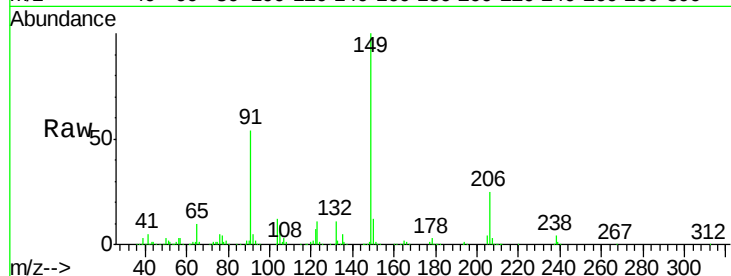




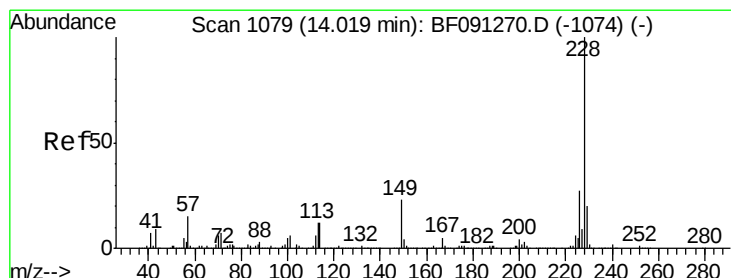
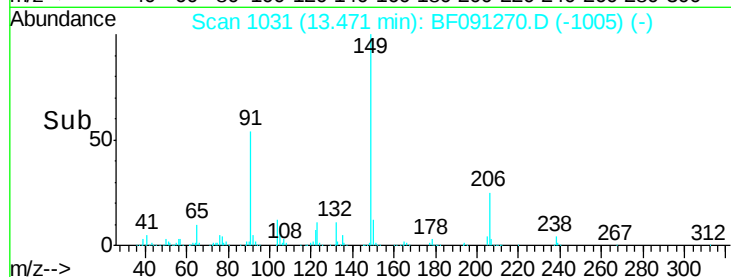
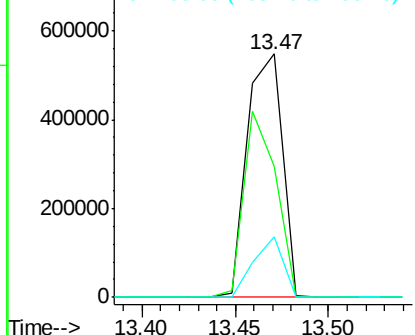
#79
Butylbenzylphthalate
Concen: 39.11 ng
RT: 13.47 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 717067
Ion Ratio Lower Upper
149 100
91 53.7 57.4 86.2#
206 24.8 15.4 23.2#

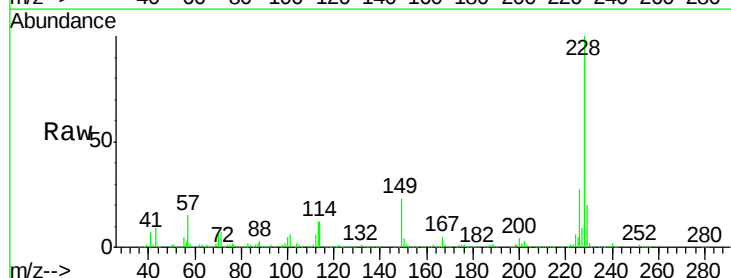


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

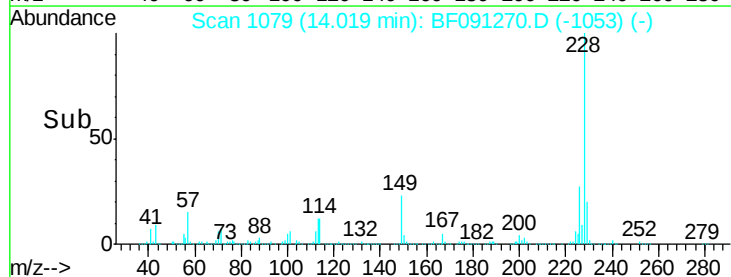
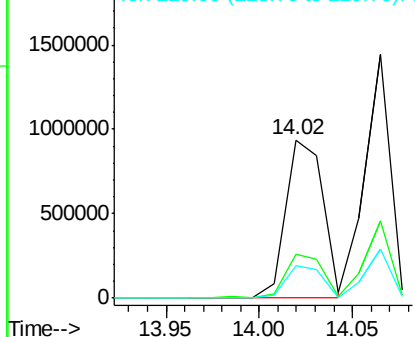


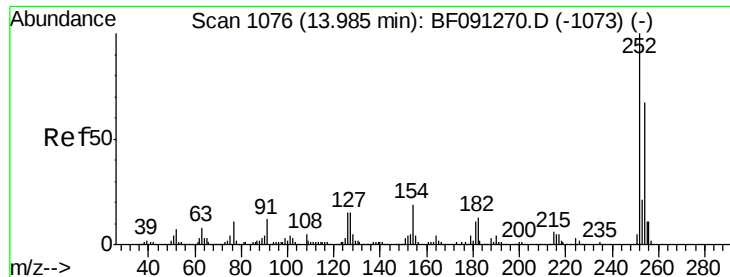
#80
Benzo(a)anthracene
Concen: 37.97 ng
RT: 14.02 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:228 Resp: 1309742
Ion Ratio Lower Upper
228 100
226 27.4 22.5 33.7
229 20.1 16.4 24.6



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

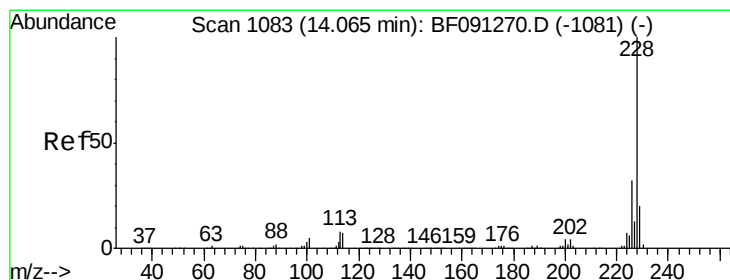
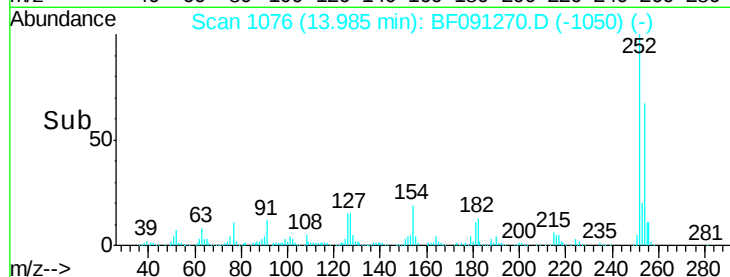
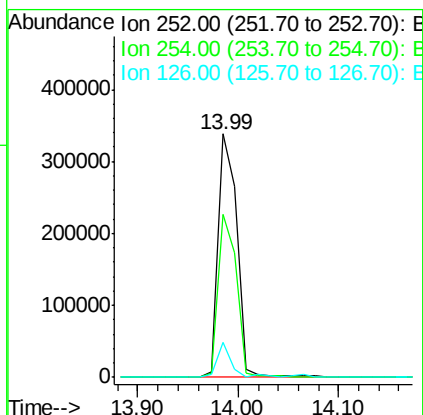
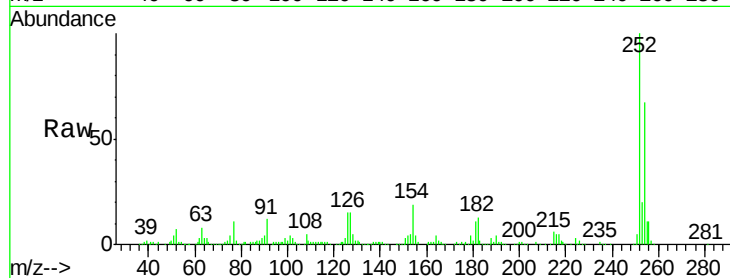




#81
 3,3'-Dichlorobenzidine
 Concen: 36.76 ng
 RT: 13.99 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

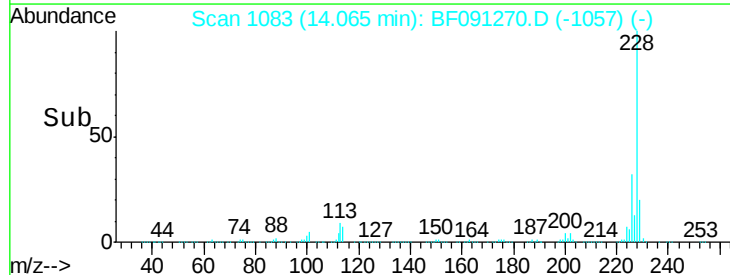
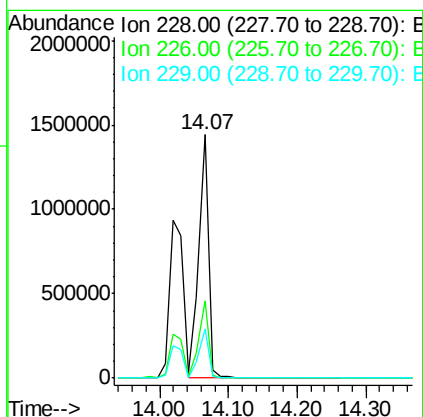
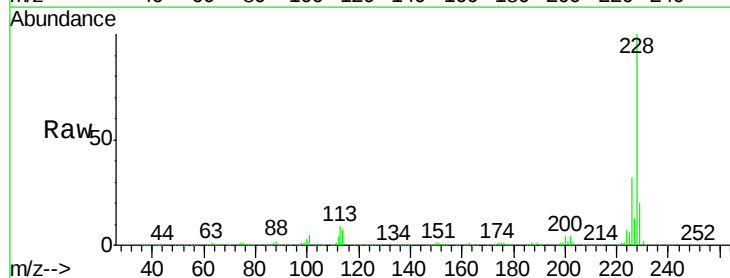
Instrument :
 BNA_F
 ClientSampleId :

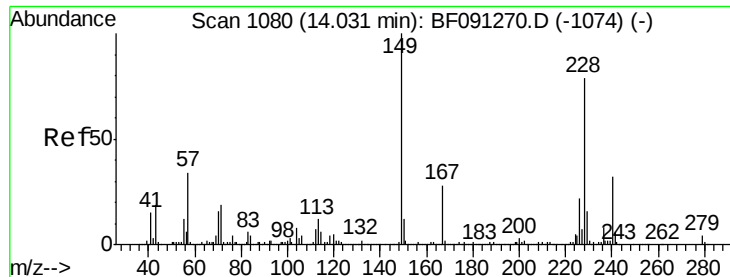
Tot Ion:252 Resp: 439536
 Ion Ratio Lower Upper
 252 100
 254 67.0 52.1 78.1
 126 14.6 7.5 11.3#



#82
 Chrysene
 Concen: 38.71 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

Tgt Ion:228 Resp: 1372746
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.4
 229 20.3 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.47 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

Instrument :

BNA_F

ClientSampleId :

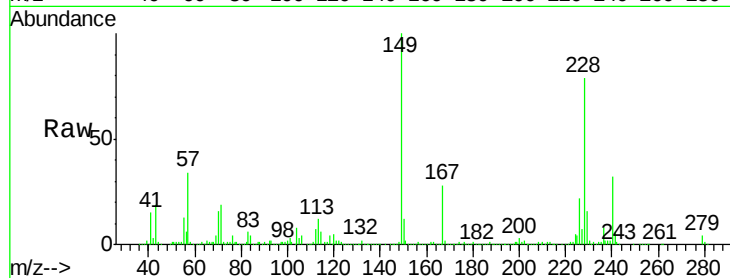
Tot Ion:149 Resp: 940472

Ion Ratio Lower Upper

149 100

167 27.6 19.6 29.4

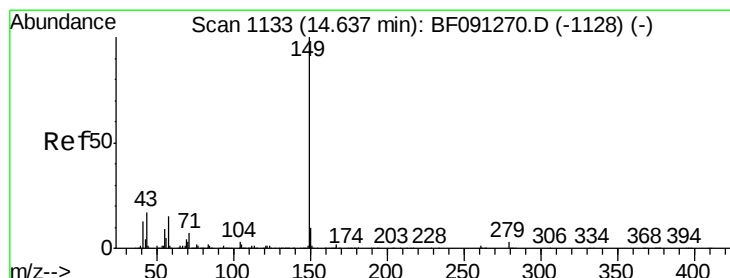
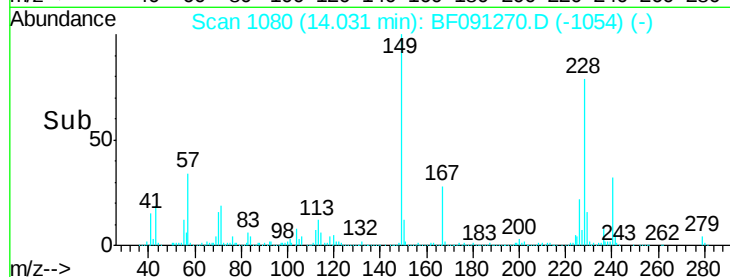
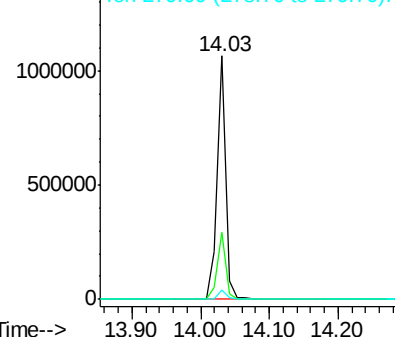
279 3.7 1.9 2.9#



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: 34.30 ng

RT: 14.64 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF091270.D

Acq: 23 Nov 2016 10:51

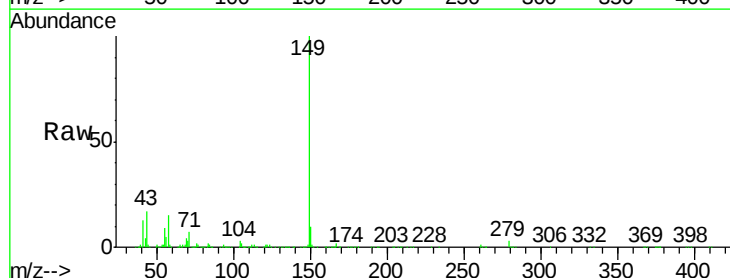
Tgt Ion:149 Resp: 1395848

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

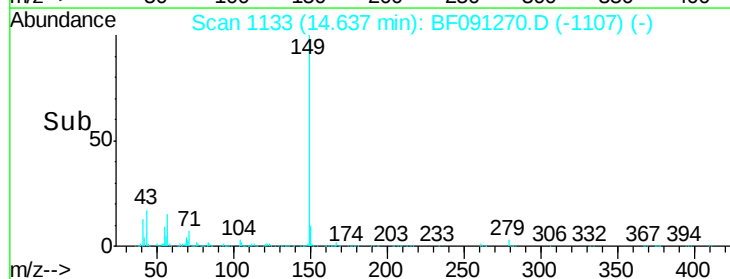
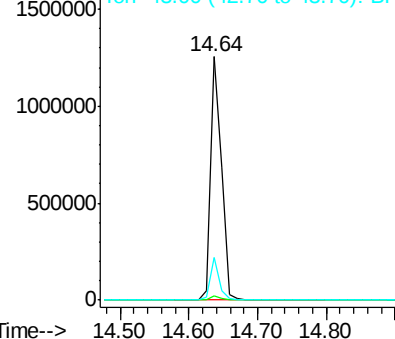
43 14.6 11.9 17.9

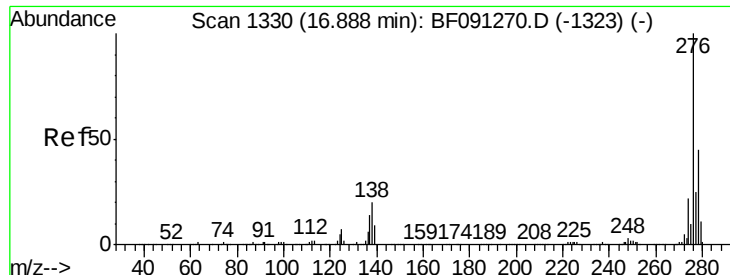


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

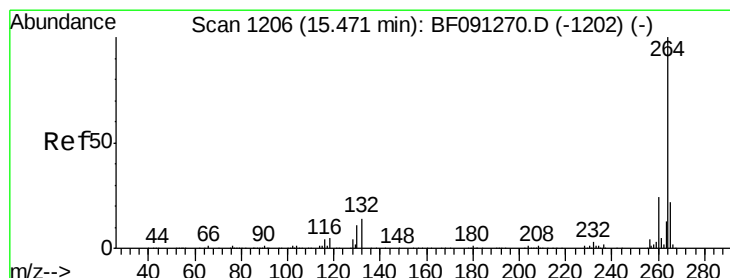
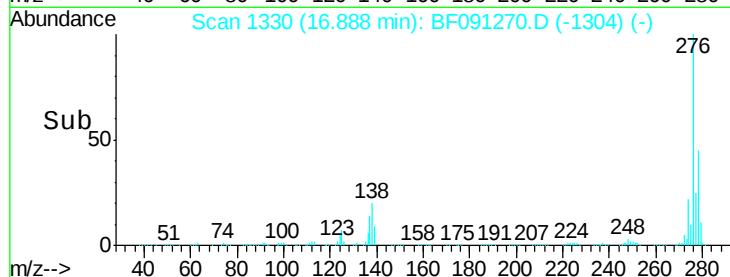
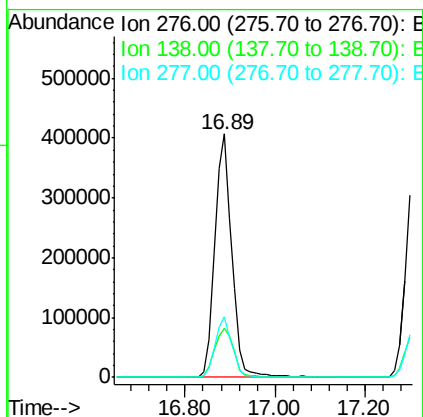
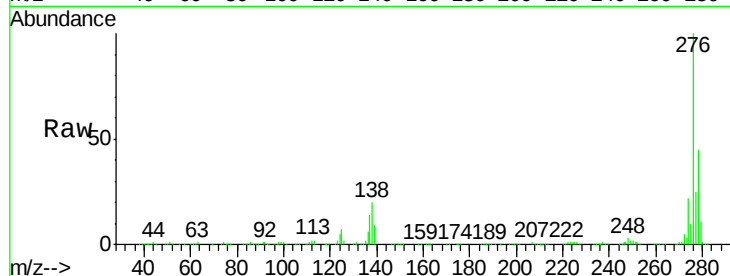




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.92 ng
RT: 16.89 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

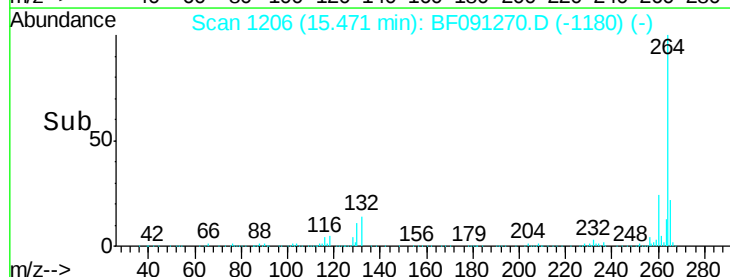
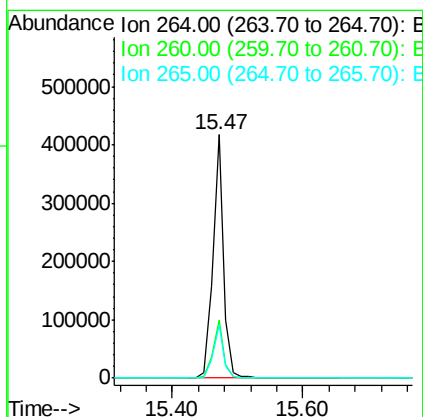
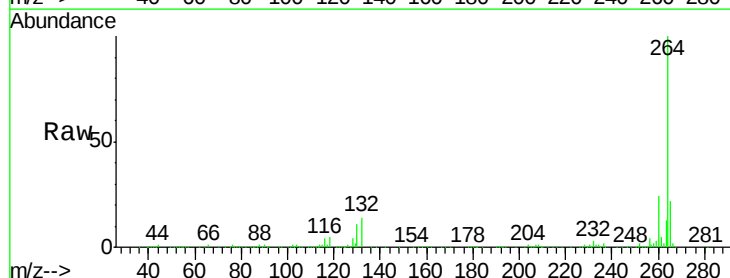
Instrument :
BNA_F
ClientSampleId :

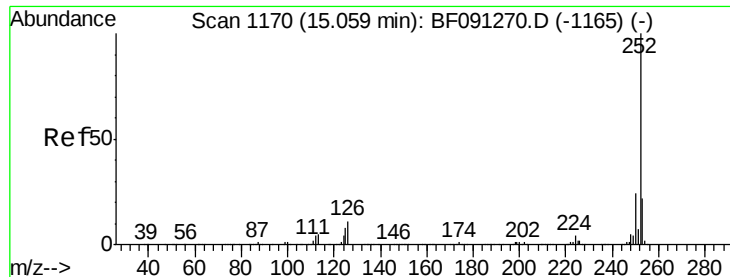
Tot Ion:276 Resp: 1069375
Ion Ratio Lower Upper
276 100
138 22.8 21.0 31.4
277 24.7 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:264 Resp: 483900
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.7 17.0 25.6

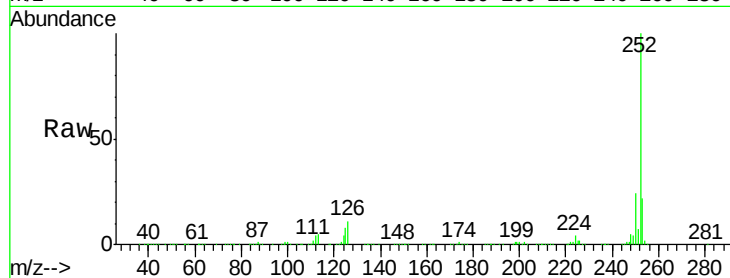




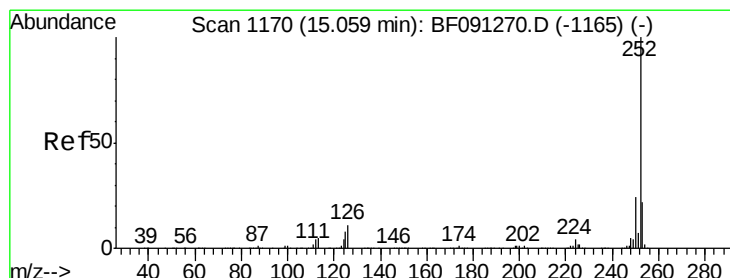
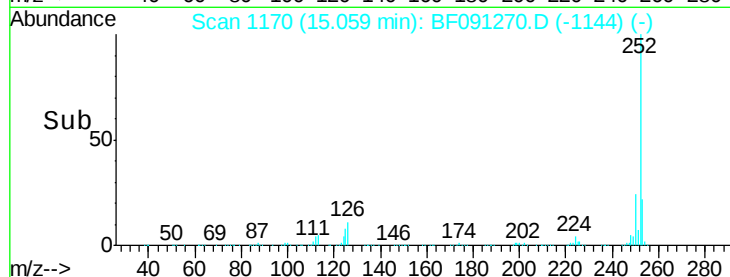
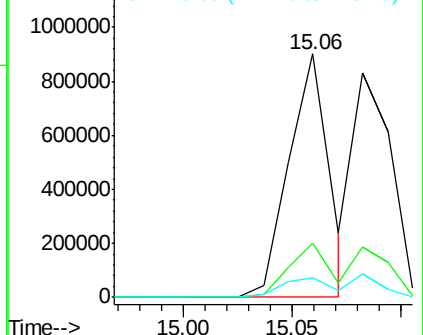
#87
Benzo(b)fluoranthene
Concen: 39.67 ng
RT: 15.06 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1153491
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 7.9 8.6 13.0#

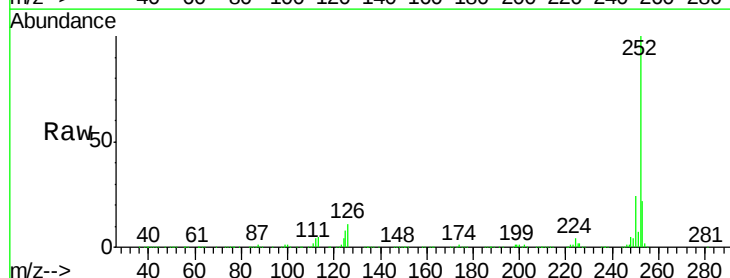


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

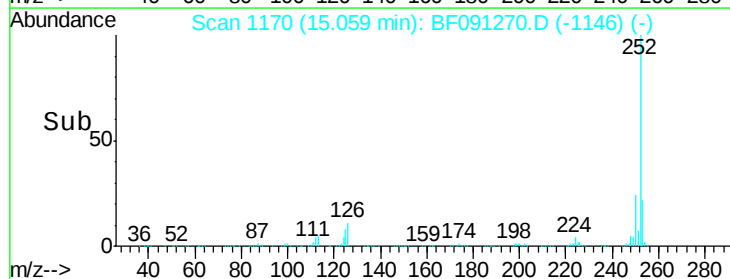
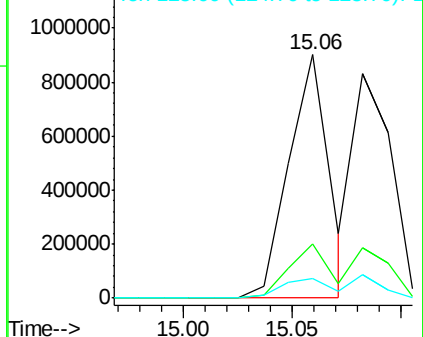


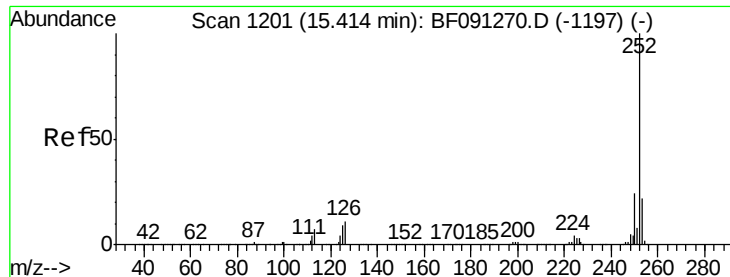
#88
Benzo(k)fluoranthene
Concen: 39.26 ng
RT: 15.06 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:252 Resp: 1153491
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.9 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

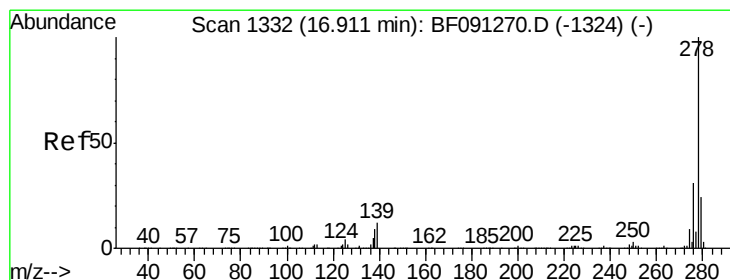
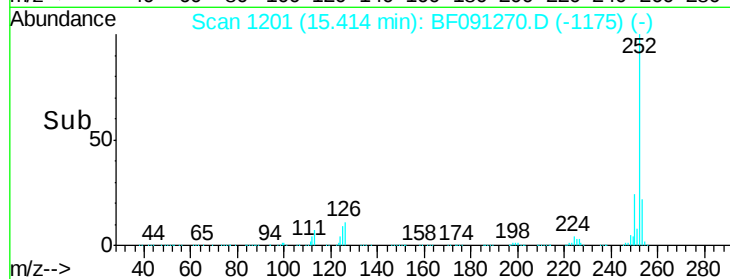
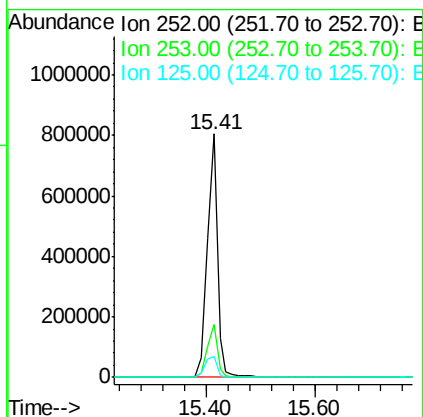
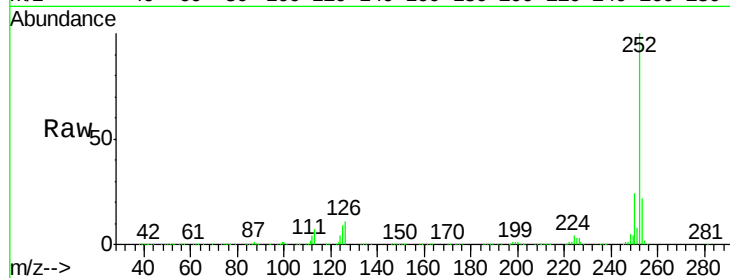




#89
Benzo(a)pyrene
Concen: 38.75 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

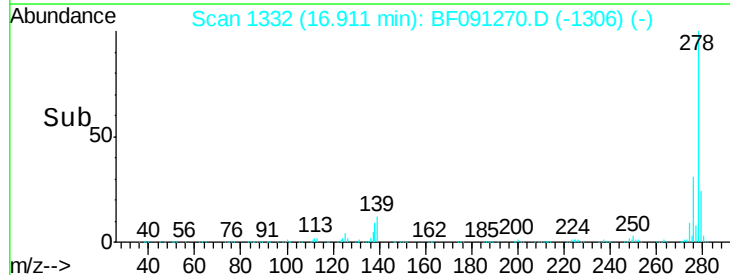
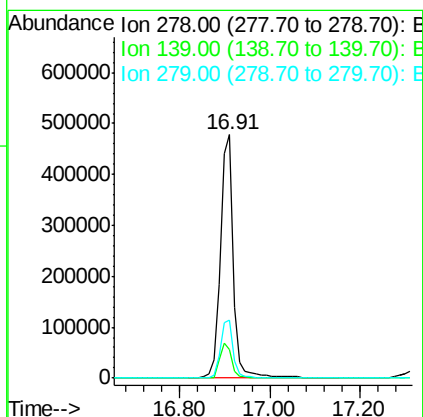
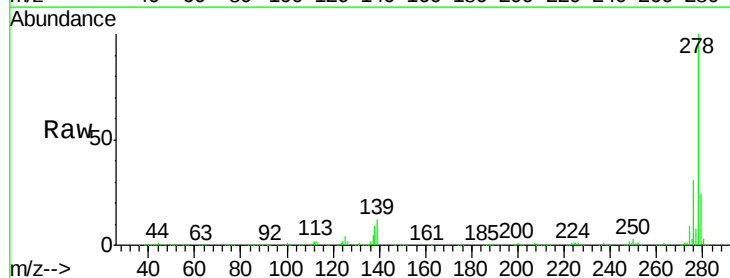
Instrument :
BNA_F
ClientSampled :

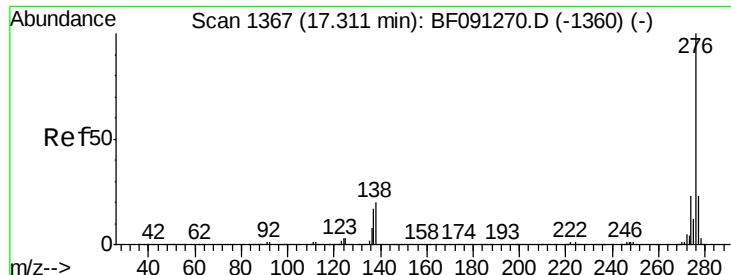
Tot Ion:252 Resp: 1033348
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 8.8 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 43.44 ng
RT: 16.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF091270.D
Acq: 23 Nov 2016 10:51

Tgt Ion:278 Resp: 954576
Ion Ratio Lower Upper
278 100
139 11.6 15.1 22.7#
279 23.6 19.0 28.6

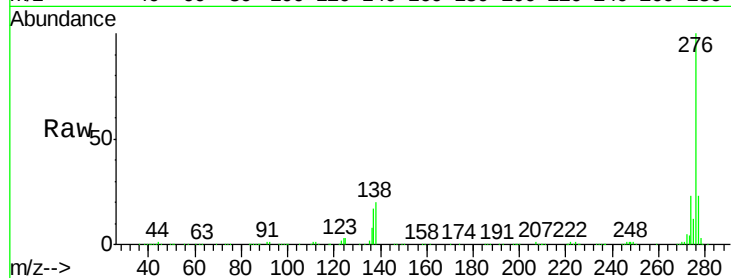




#91
 Benzo(a,h,i)perylene
 Concen: 40.87 ng
 RT: 17.31 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF091270.D
 Acq: 23 Nov 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.1	15.4	23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

