

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091268.D
 Acq On : 23 Nov 2016 9:56
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 11:58:59 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	230374	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	879753	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	501434	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	917870	20.00	ng	0.00
75) Chrysene-d12	14.03	240	741560	20.00	ng	-0.01
86) Perylene-d12	15.47	264	618991	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	298593	21.55	ng	-0.01
7) Phenol-d6	6.49	99	374906	22.63	ng	-0.01
23) Nitrobenzene-d5	7.44	82	344743	21.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	118015	25.21	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	726924	25.32	ng	0.00
78) Terphenyl-d14	12.98	244	674406	20.62	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	68350	10.85	ng	90
3) Pyridine	3.22	79	184079	11.18	ng	90
4) n-Nitrosodimethylamine	3.15	42	100418	11.30	ng	# 93
6) Aniline	6.53	93	254439	12.78	ng	# 67
8) 2-Chlorophenol	6.66	128	166051	11.19	ng	98
9) Benzaldehyde	6.42	77	119291	14.34	ng	82
10) Phenol	6.50	94	198081	10.22	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	152064	10.07	ng	95
12) 1,3-Dichlorobenzene	6.82	146	189802	11.76	ng	96
13) 1,4-Dichlorobenzene	6.90	146	179272	10.63	ng	95
14) 1,2-Dichlorobenzene	7.05	146	181068	12.09	ng	95
15) Benzyl Alcohol	7.01	79	155855	11.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	363153	12.56	ng	69
17) 2-Methylphenol	7.12	107	124259	8.32	ng	# 75
18) Hexachloroethane	7.39	117	62527	10.02	ng	# 80
19) n-Nitroso-di-n-propylamine	7.29	70	126039	10.41	ng	# 86
20) 3+4-Methylphenols	7.28	107	174482	11.69	ng	# 75
22) Acetophenone	7.29	105	217638	10.38	ng	95
24) Nitrobenzene	7.45	77	164206	9.25	ng	98
25) Isophorone	7.70	82	307014	10.20	ng	# 93
26) 2-Nitrophenol	7.78	139	62178	8.19	ng	# 72
27) 2,4-Dimethylphenol	7.81	122	157104	13.14	ng	91
28) bis(2-Chloroethoxy)methane	7.92	93	179738	10.93	ng	98
29) 2,4-Dichlorophenol	8.01	162	124802	10.49	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	146696	11.04	ng	98
31) Naphthalene	8.18	128	458364	11.15	ng	99
32) Benzoic acid	7.88	122	91449	13.60	ng	91
33) 4-Chloroaniline	8.22	127	197370	11.86	ng	# 94
34) Hexachlorobutadiene	8.30	225	86134	10.93	ng	97
35) Caprolactam	8.57	113	40765	12.17	ng	# 75
36) 4-Chloro-3-methylphenol	8.70	107	148385	11.38	ng	85
37) 2-Methylnaphthalene	8.88	142	344080	12.48	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	146818	10.38	ng	97
40) Hexachlorocyclopentadiene	9.04	237	66373	19.57	ng	98

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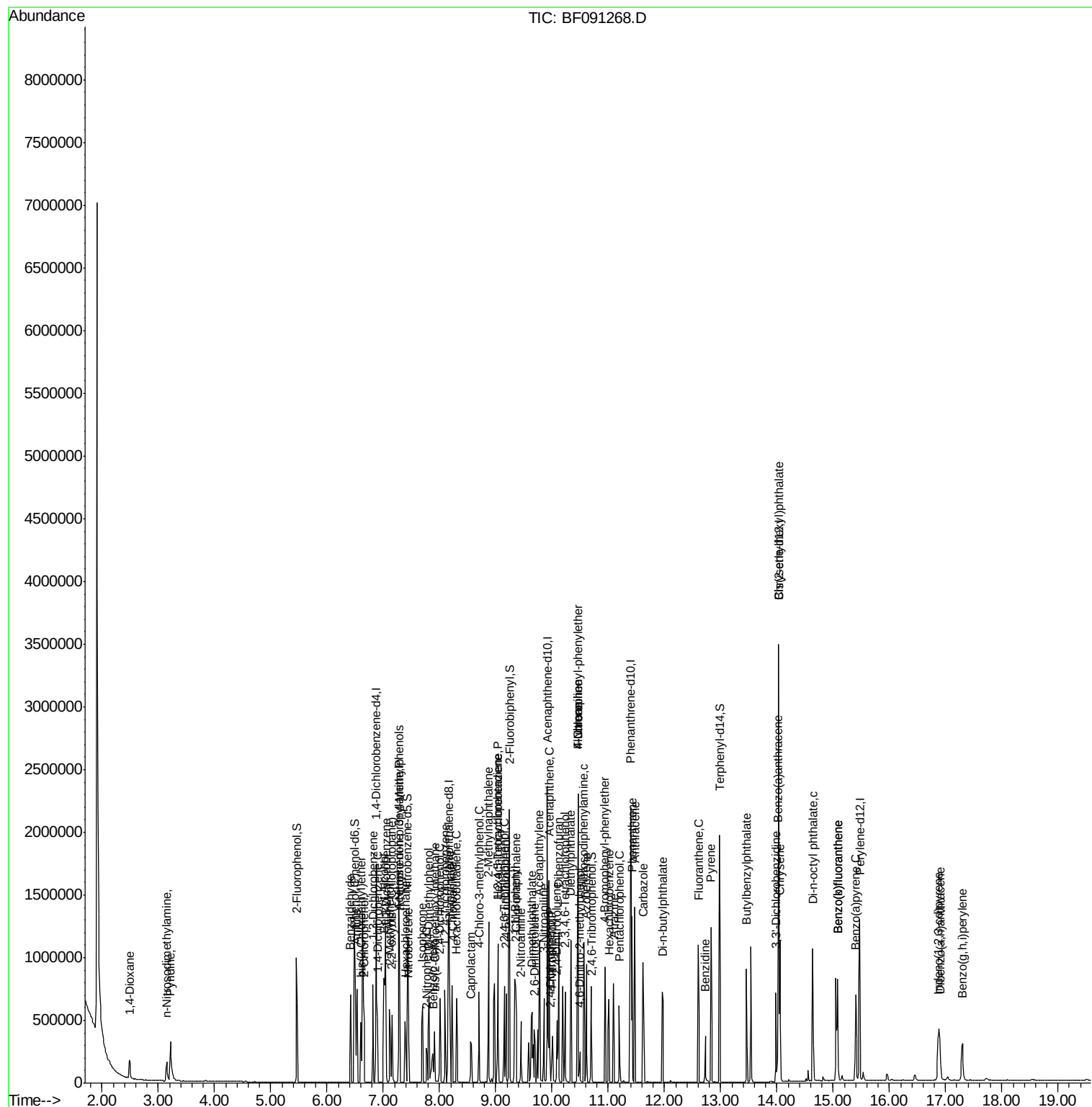
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	105695	12.28	nq	96
43) 2,4,5-Trichlorophenol	9.18	196	93079	10.33	nq	96
45) 1,1'-Biphenyl	9.34	154	399568	10.45	nq	92
46) 2-Chloronaphthalene	9.36	162	289164	10.16	nq	98
47) 2-Nitroaniline	9.45	65	89937	8.52	nq	# 69
48) Acenaphthylene	9.78	152	506985	11.84	nq	99
49) Dimethylphthalate	9.64	163	348959	10.43	nq	# 99
50) 2,6-Dinitrotoluene	9.70	165	71626	9.99	nq	# 61
51) Acenaphthene	9.95	154	338136	12.74	nq	97
52) 3-Nitroaniline	9.86	138	85748	11.21	nq	# 99
53) 2,4-Dinitrophenol	9.96	184	19878	10.82	nq	# 56
54) Dibenzofuran	10.12	168	474325	12.83	nq	92
55) 4-Nitrophenol	10.01	139	57788	20.69	nq	# 80
56) 2,4-Dinitrotoluene	10.09	165	83741	9.27	nq	# 39
57) Fluorene	10.46	166	371275	12.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	91967	12.12	nq	97
59) Diethylphthalate	10.34	149	380277	11.73	nq	96
60) 4-Chlorophenyl-phenylether	10.46	204	162603	11.57	nq	94
61) 4-Nitroaniline	10.46	138	78546	9.97	nq	95
62) Azobenzene	10.61	77	341447	8.85	nq	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	31030	5.30	nq	# 55
65) n-Nitrosodiphenylamine	10.57	169	287673	10.40	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	104400	10.88	nq	97
67) Hexachlorobenzene	11.01	284	121419	11.60	nq	# 93
68) Atrazine	11.09	200	89519	8.35	nq	99
69) Pentachlorophenol	11.20	266	68855	16.61	nq	97
70) Phenanthrene	11.42	178	544116	11.28	nq	98
71) Anthracene	11.47	178	529849	11.02	nq	98
72) Carbazole	11.62	167	470082	10.67	nq	97
73) Di-n-butylphthalate	11.97	149	531273	10.14	nq	# 97
74) Fluoranthene	12.60	202	530870	10.10	nq	96
76) Benzidine	12.73	184	154255	9.26	nq	96
77) Pyrene	12.83	202	546699	9.61	nq	99
79) Butylbenzylphthalate	13.46	149	210665	8.82	nq	90
80) Benzo(a)anthracene	14.02	228	467281	10.40	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	158537	10.18	nq	98
82) Chrysene	14.05	228	443388	9.60	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	293037	9.68	nq	# 92
84) Di-n-octyl phthalate	14.64	149	478505	9.03	nq	97
85) Indeno(1,2,3-cd)pyrene	16.87	276	320006	8.71	nq	96
87) Benzo(b)fluoranthene	15.08	252	796299	21.41	nq	# 95
88) Benzo(k)fluoranthene	15.08	252	796743	21.20	nq	# 95
89) Benzo(a)pyrene	15.40	252	361052	10.58	nq	96
90) Dibenzo(a,h)anthracene	16.90	278	286746	10.20	nq	# 93
91) Benzo(g,h,i)perylene	17.30	276	276499	9.62	nq	98

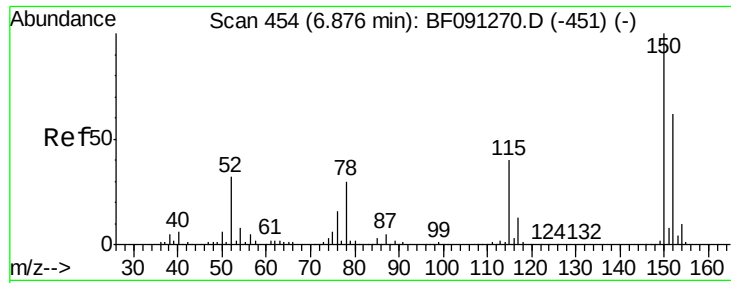
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

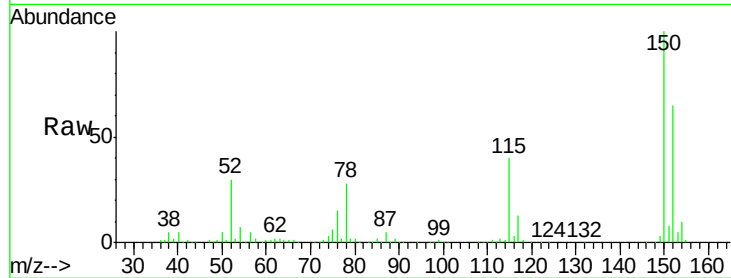
Tot Ion:152 Resp: 230374

Ion Ratio Lower Upper

152 100

150 154.2 122.5 183.7

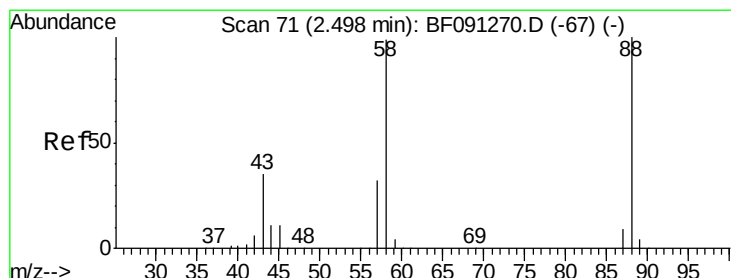
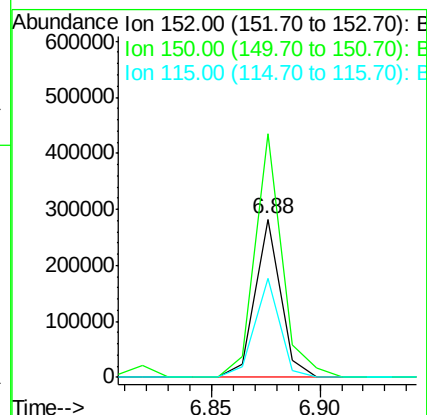
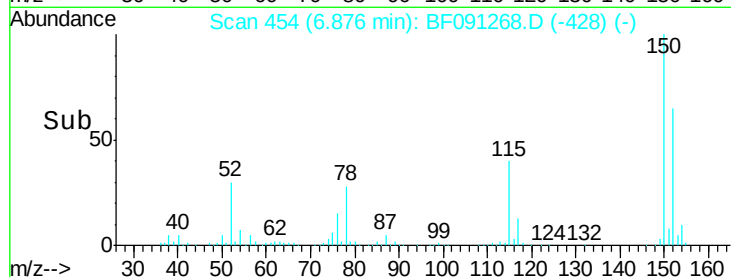
115 62.3 51.8 77.8



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



#2

1,4-Dioxane

Concen: 10.85 ng

RT: 2.49 min Scan# 70

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

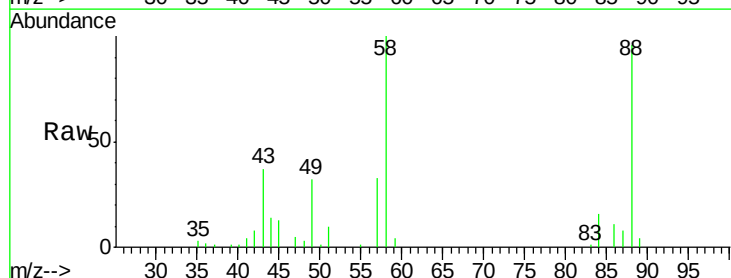
Tgt Ion: 88 Resp: 68350

Ion Ratio Lower Upper

88 100

58 100.8 70.3 105.5

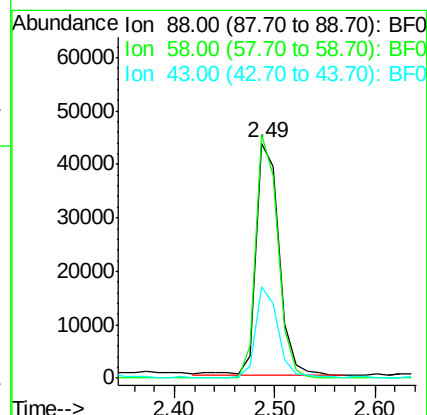
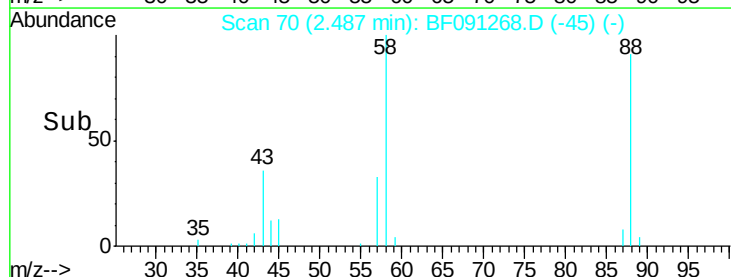
43 39.1 31.3 46.9

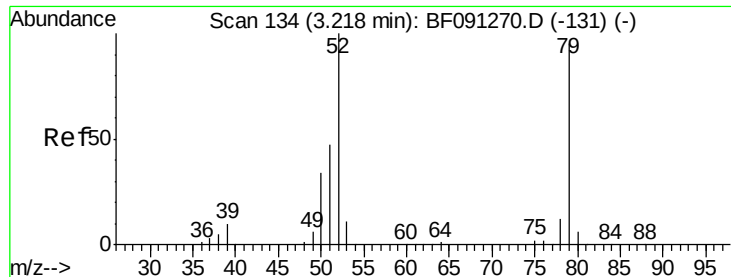


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 11.18 ng

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

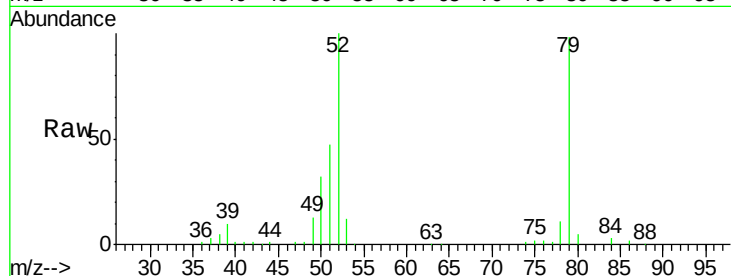
Tot Ion: 79 Resp: 184079

Ion Ratio Lower Upper

79 100

52 101.7 71.0 106.4

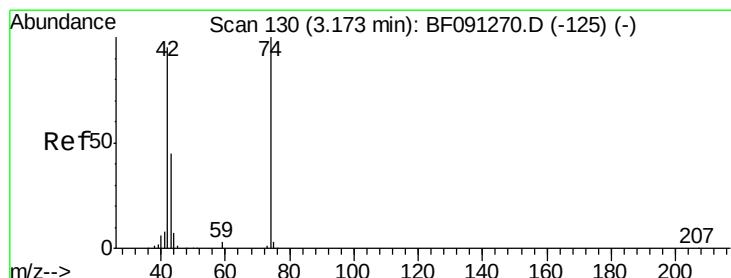
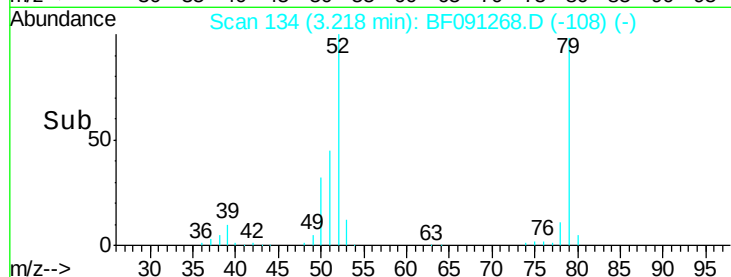
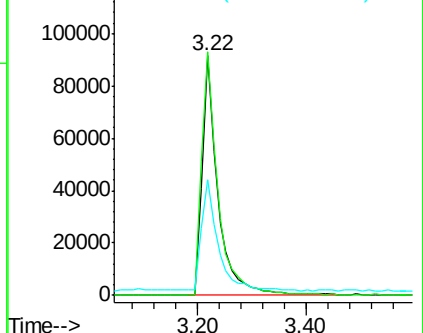
51 48.2 37.0 55.4



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: 11.30 ng

RT: 3.15 min Scan# 128

Delta R.T. -0.02 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

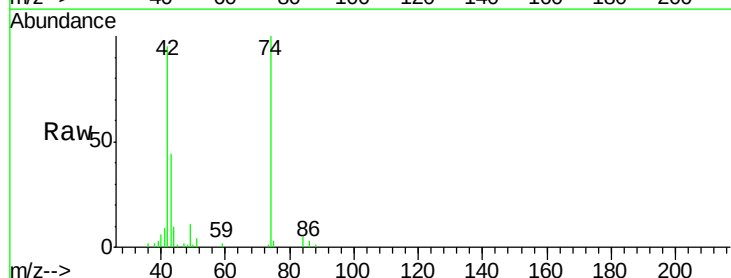
Tgt Ion: 42 Resp: 100418

Ion Ratio Lower Upper

42 100

74 104.9 78.9 118.3

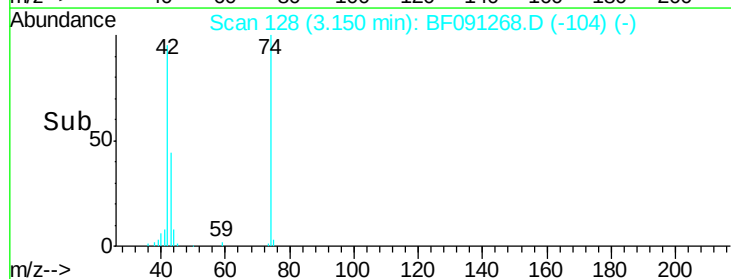
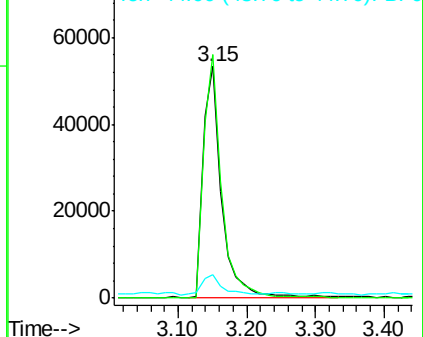
44 10.0 5.8 8.6

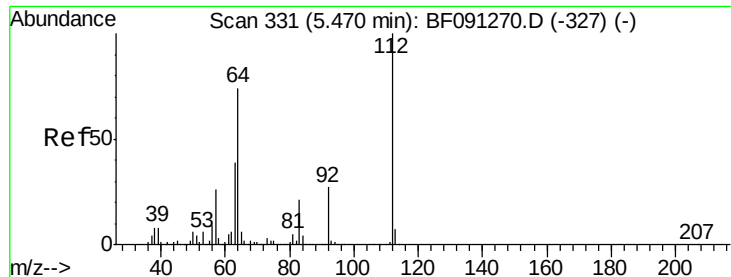


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 21.55 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

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ClientSampleId :

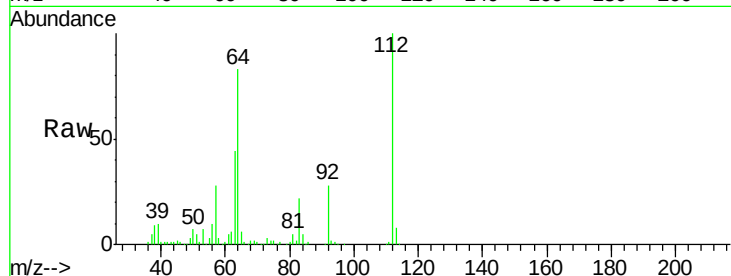
Tot Ion:112 Resp: 298593

Ion Ratio Lower Upper

112 100

64 83.1 61.5 92.3

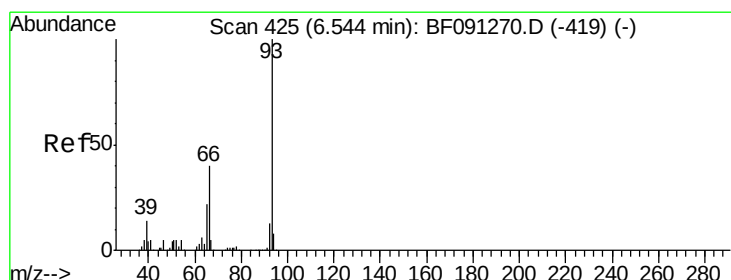
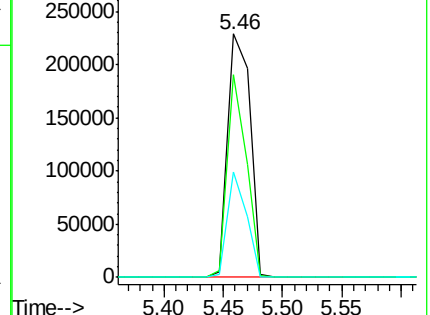
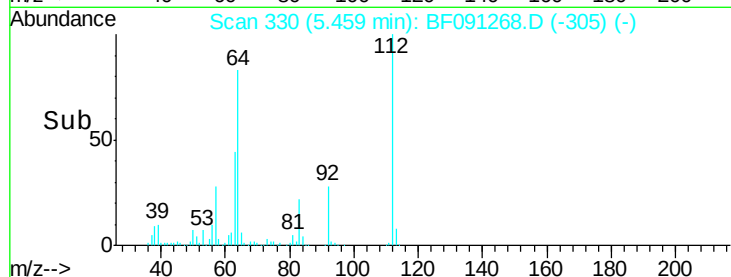
63 43.5 33.3 49.9



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: 12.78 ng

RT: 6.53 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

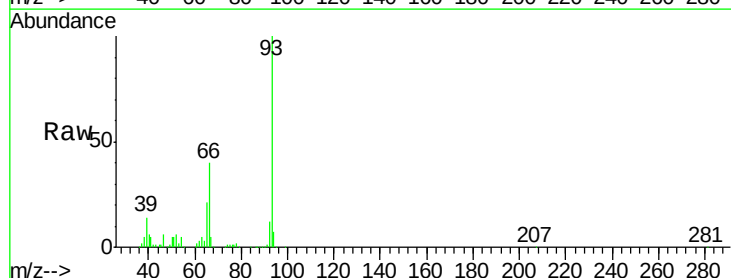
Tgt Ion: 93 Resp: 254439

Ion Ratio Lower Upper

93 100

66 40.3 55.8 83.6#

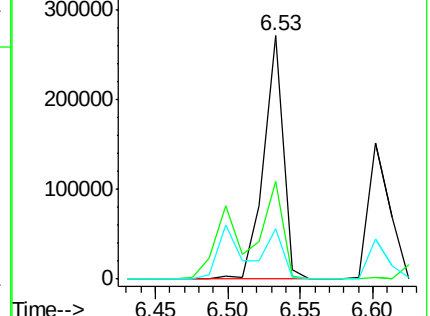
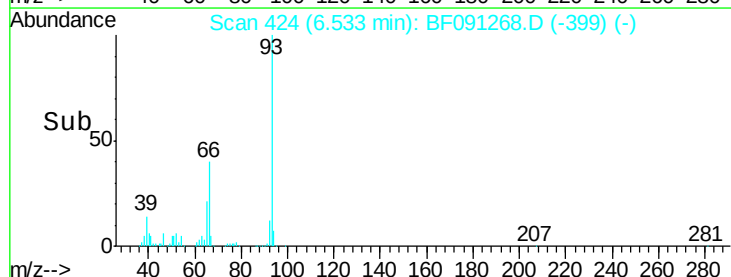
65 20.5 29.9 44.9#

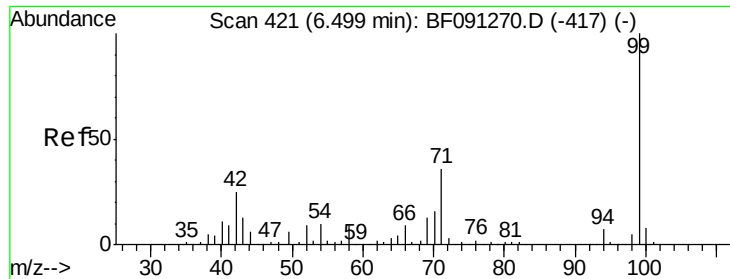


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 22.63 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

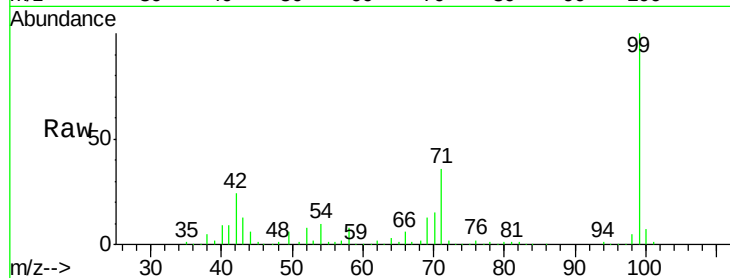
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 374906

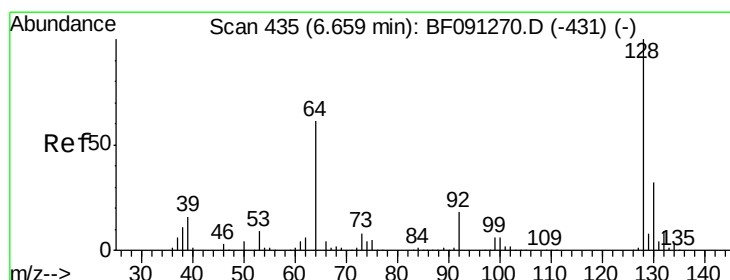
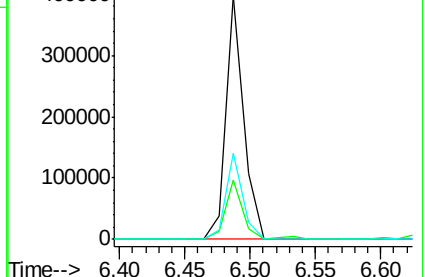
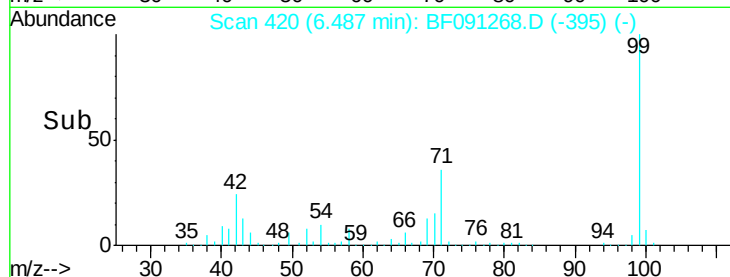
Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.6	31.0
71	35.6	29.9	44.9



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: 11.19 ng

RT: 6.66 min Scan# 435

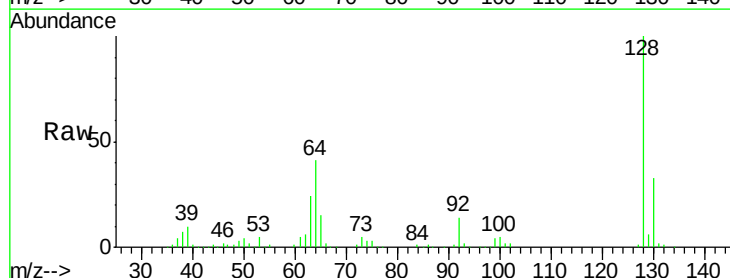
Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Tgt Ion: 128 Resp: 166051

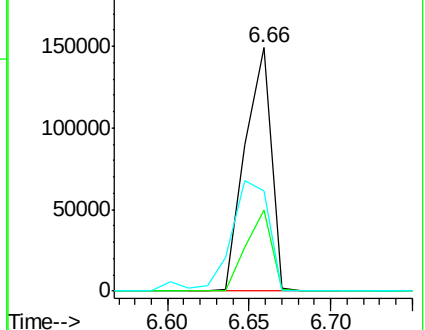
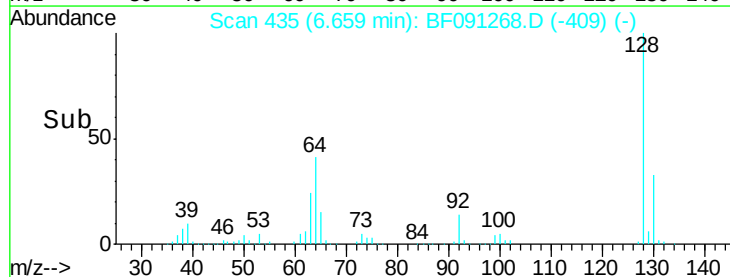
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	41.4	24.1	64.1

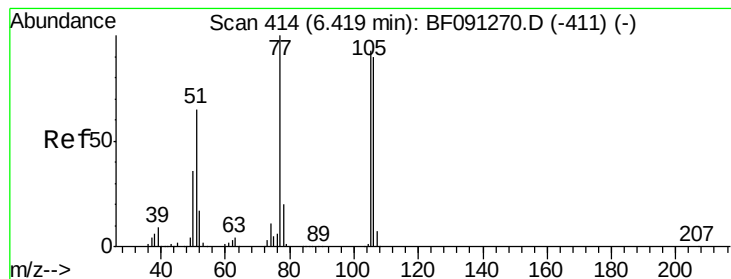


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.34 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.00 min

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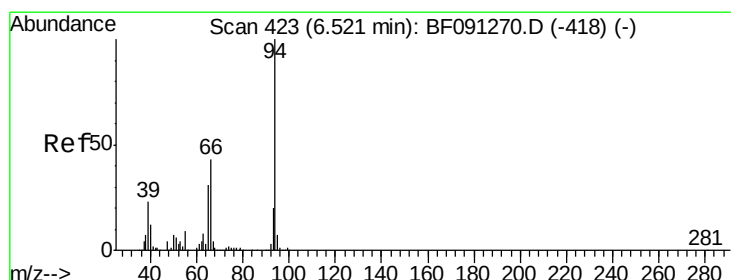
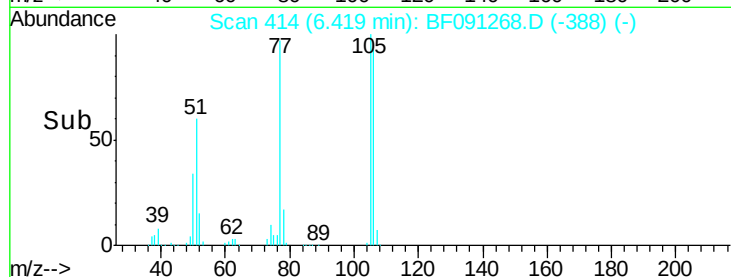
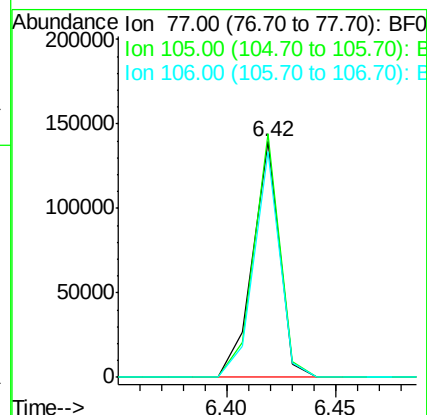
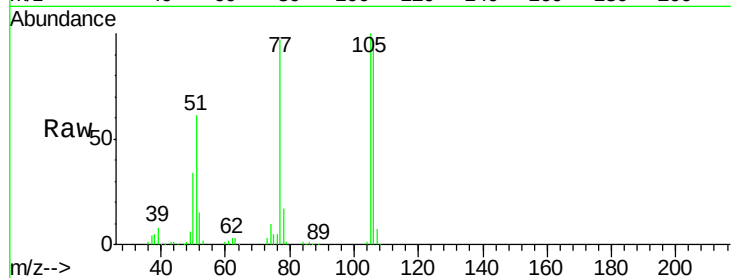
Tot Ion: 77 Resp: 119291

Ion Ratio Lower Upper

77 100

105 103.3 66.4 106.4

106 95.9 60.9 100.9



#10

Phenol

Concen: 10.22 ng

RT: 6.50 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

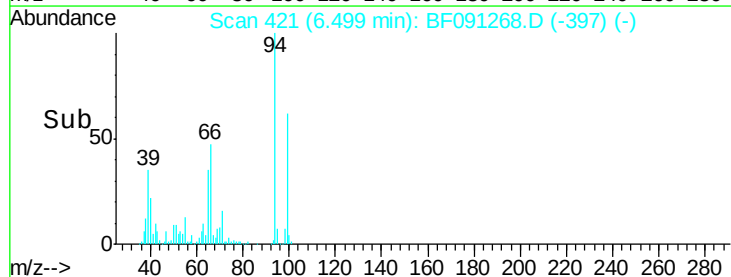
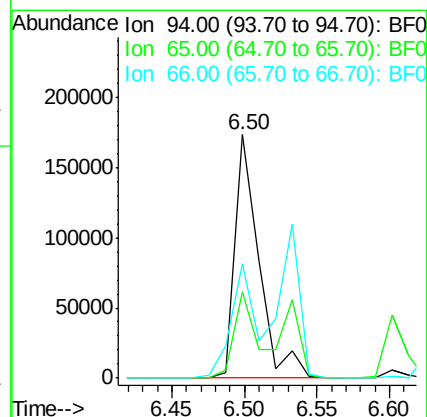
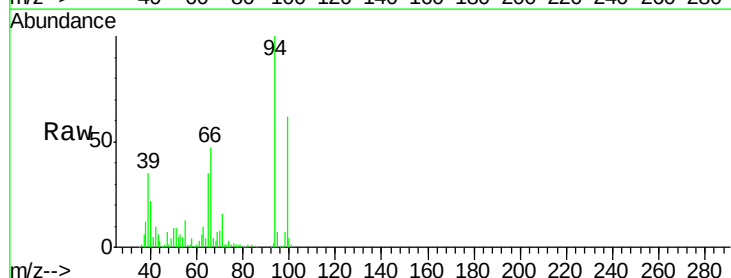
Tgt Ion: 94 Resp: 198081

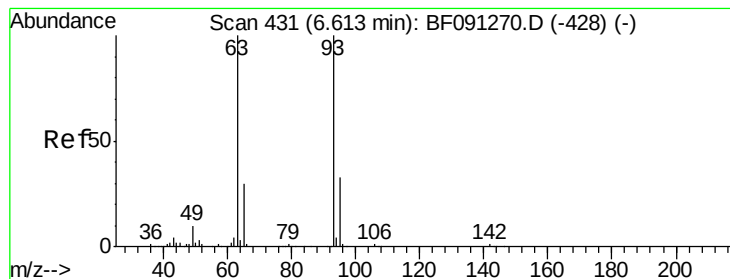
Ion Ratio Lower Upper

94 100

65 35.1 16.9 56.9

66 47.1 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 10.07 ng

RT: 6.60 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

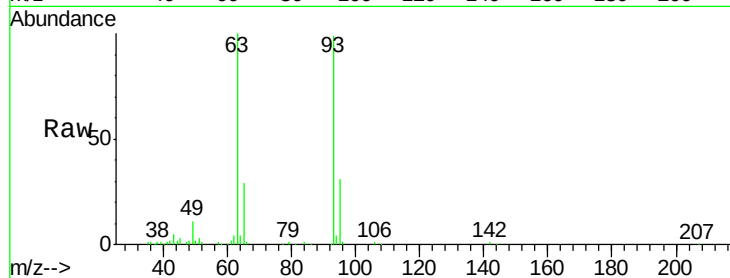
Tot Ion: 93 Resp: 152064

Ion Ratio Lower Upper

93 100

63 101.3 74.8 114.8

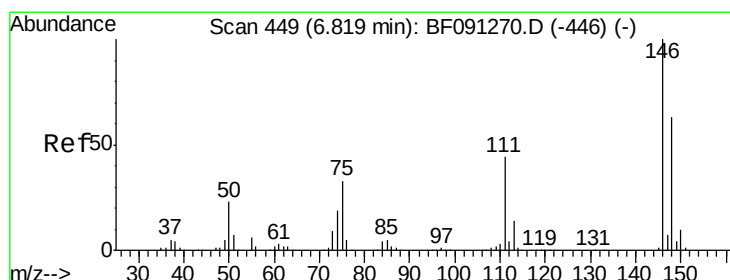
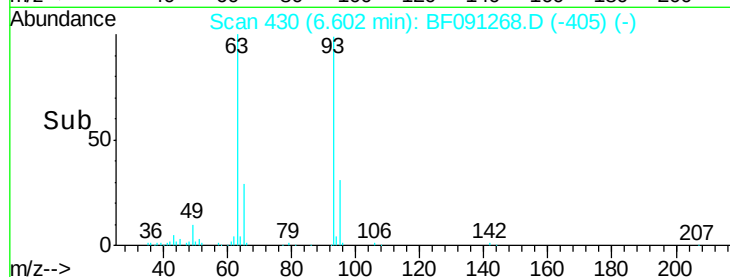
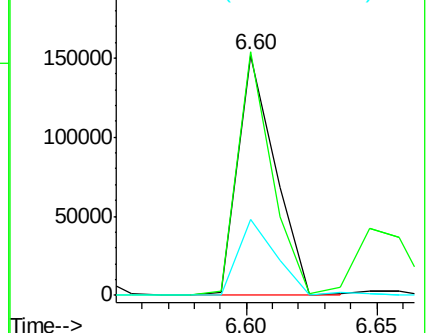
95 31.8 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 11.76 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

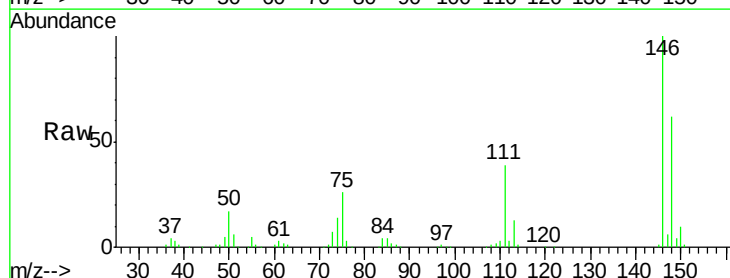
Tgt Ion: 146 Resp: 189802

Ion Ratio Lower Upper

146 100

148 62.3 51.4 77.0

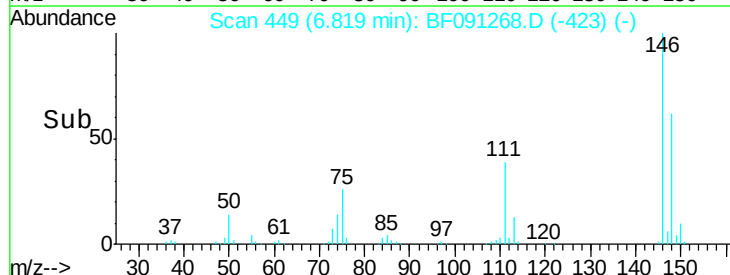
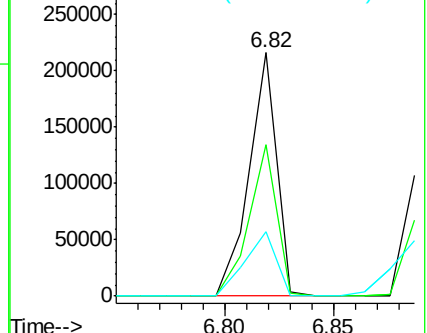
75 26.2 23.6 35.4

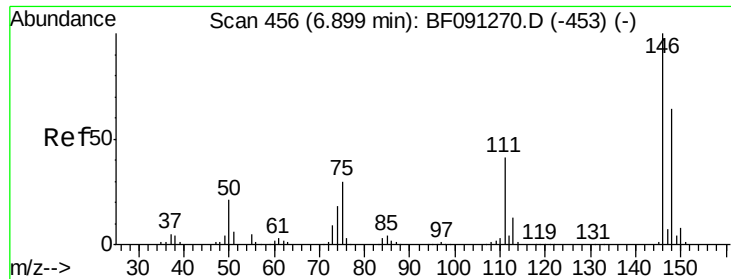


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

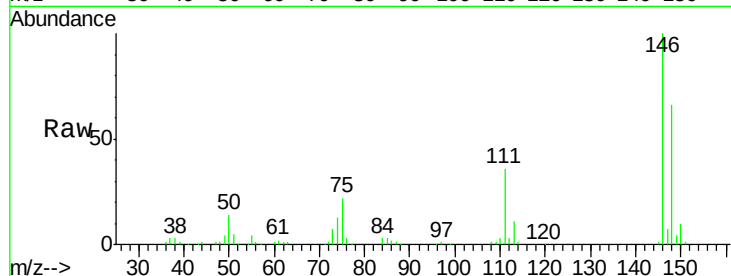




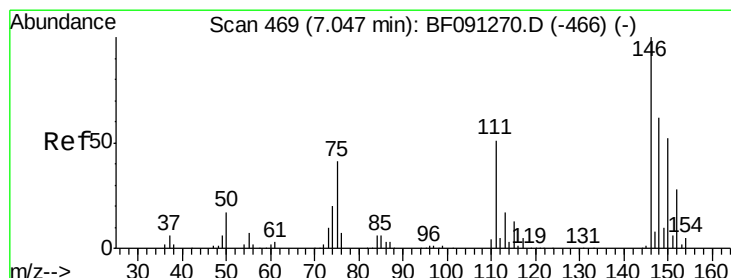
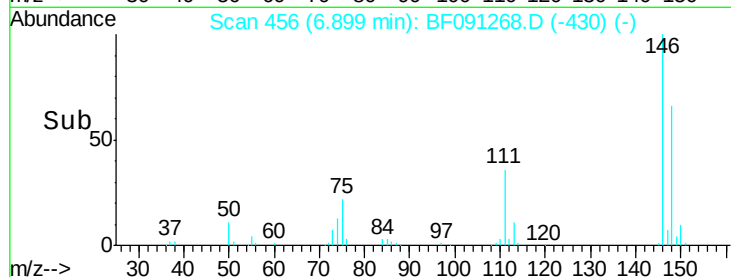
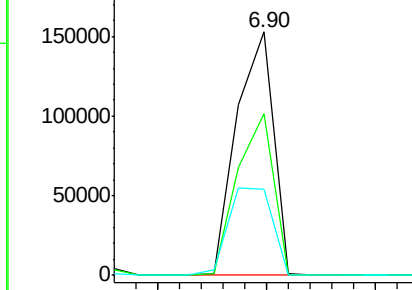
#13
 1,4-Dichlorobenzene
 Concen: 10.63 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 179272
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.4 77.0
 111 35.6 32.2 48.2

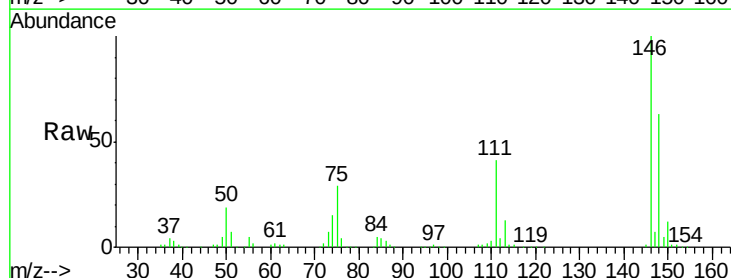


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

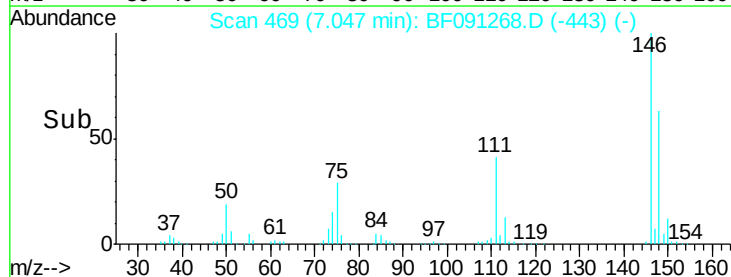
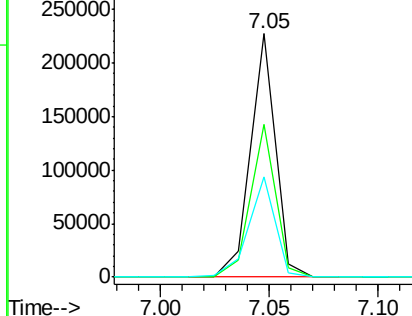


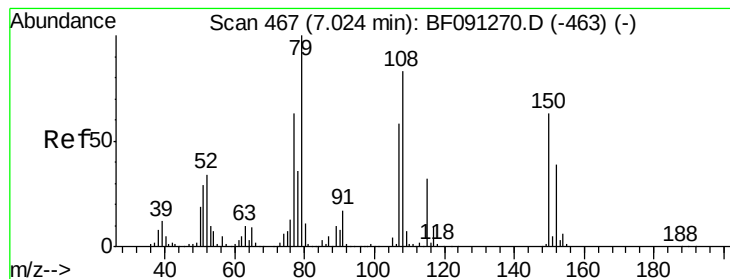
#14
 1,2-Dichlorobenzene
 Concen: 12.09 ng
 RT: 7.05 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion:146 Resp: 181068
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.6
 111 41.3 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: 11.97 ng

RT: 7.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampled :

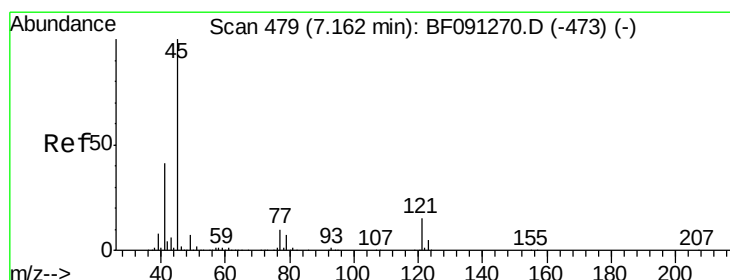
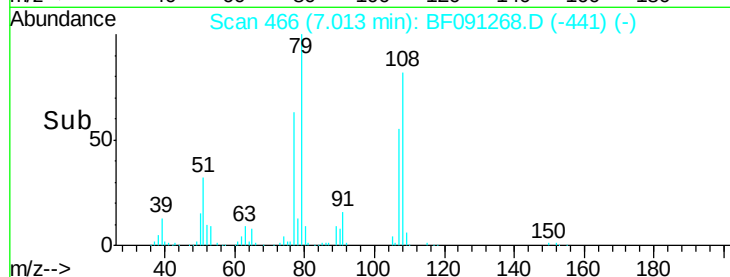
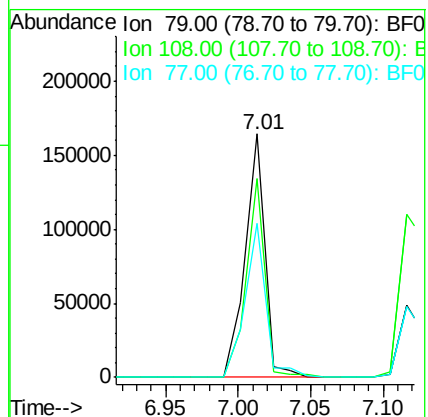
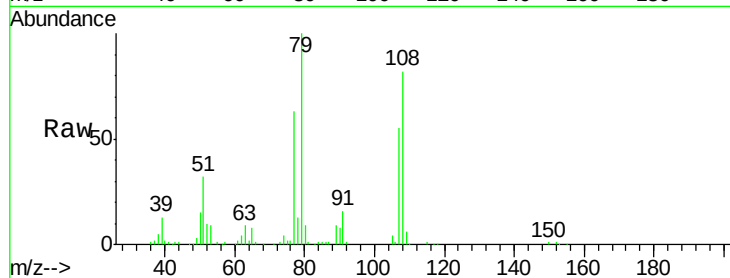
Tot Ion: 79 Resp: 155855

Ion Ratio Lower Upper

79 100

108 81.8 62.7 94.1

77 63.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.56 ng

RT: 7.15 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

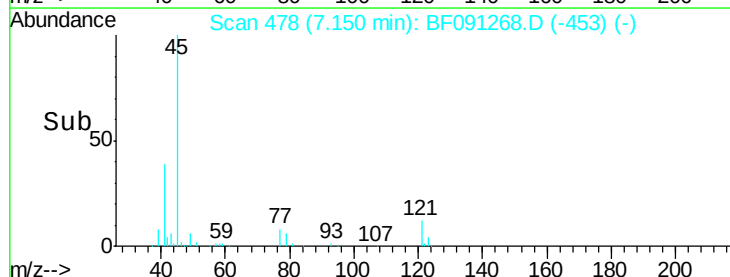
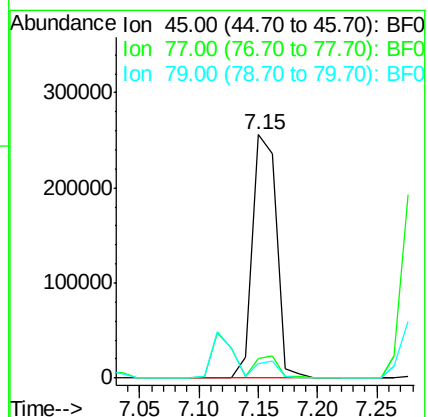
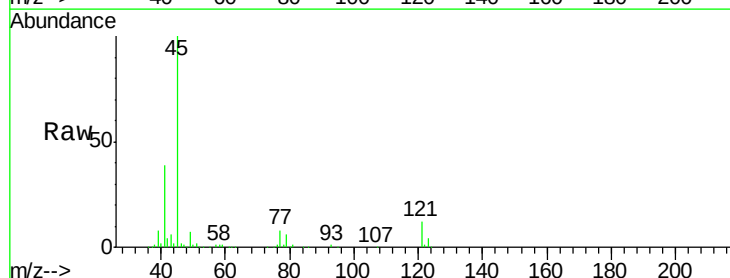
Tgt Ion: 45 Resp: 363153

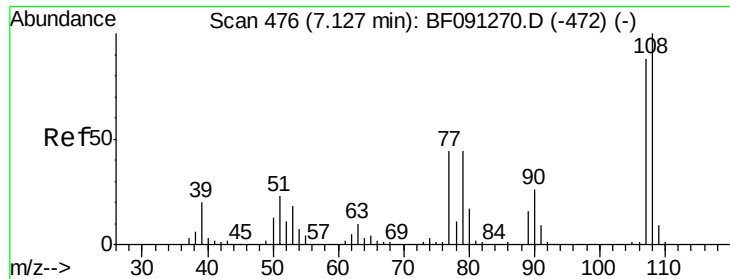
Ion Ratio Lower Upper

45 100

77 8.3 3.8 43.8

79 6.2 0.2 40.2





#17

2-Methylphenol

Concen: 8.32 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 124259

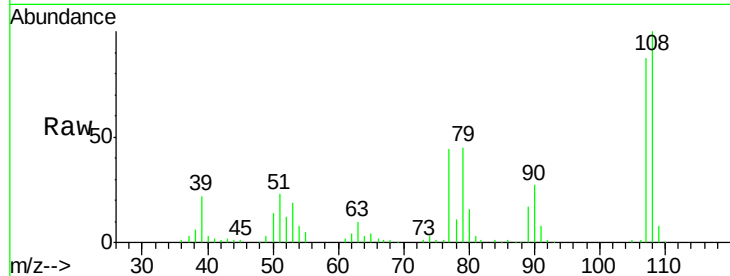
Ion Ratio Lower Upper

107 100

108 115.1 67.7 101.5#

77 50.4 40.7 61.1

79 51.5 23.4 35.2#

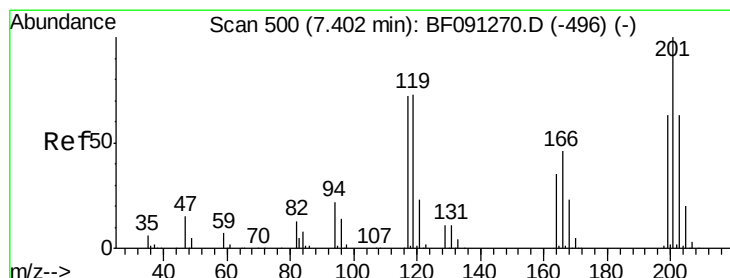
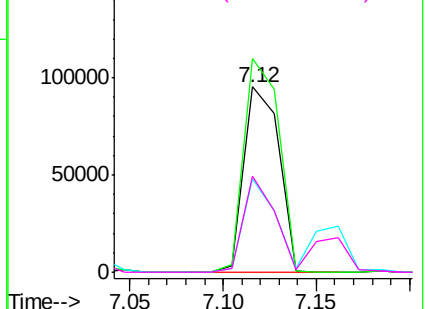
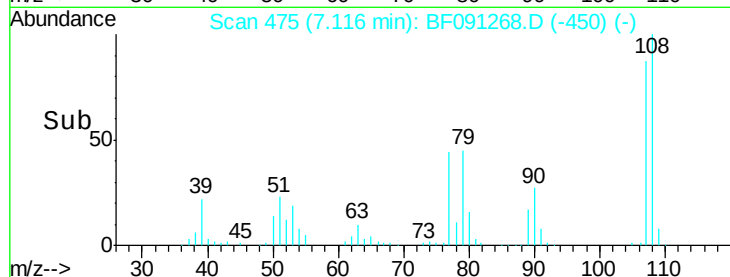


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.02 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

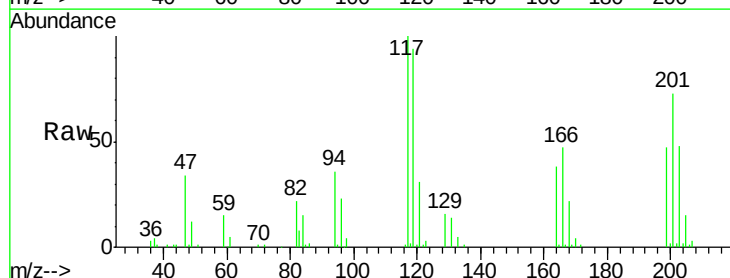
Tgt Ion:117 Resp: 62527

Ion Ratio Lower Upper

117 100

119 94.1 78.6 118.0

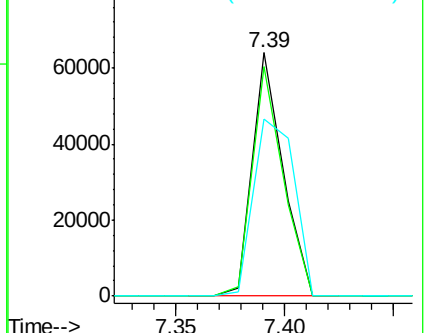
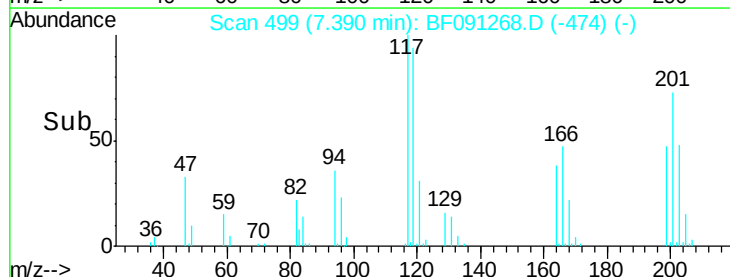
201 72.5 86.7 130.1#

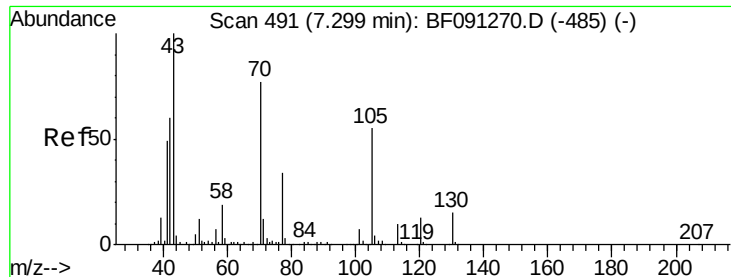


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

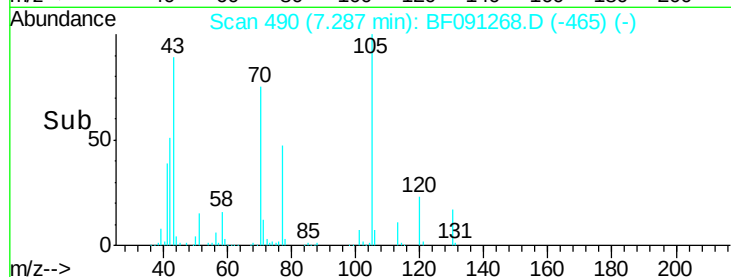
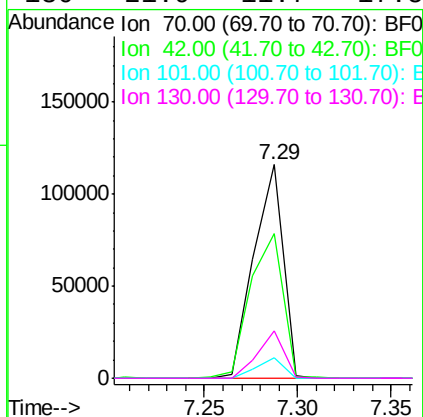
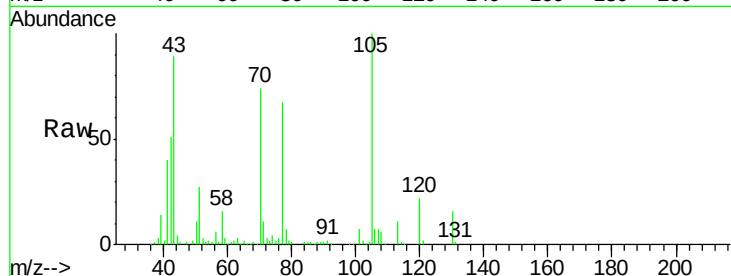




#19
n-Nitroso-di-n-propylamine
Concen: 10.41 ng
RT: 7.29 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

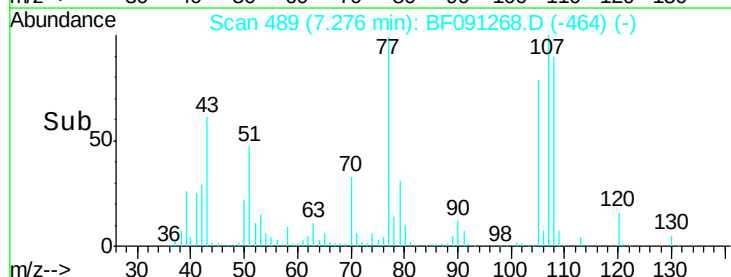
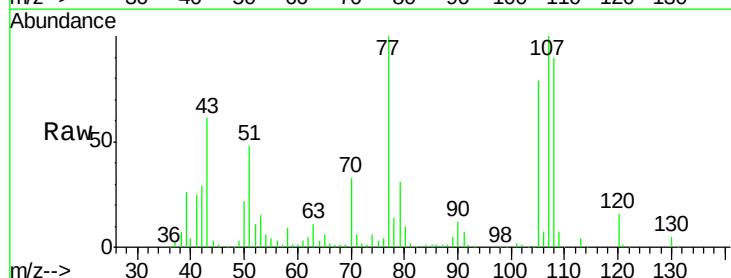
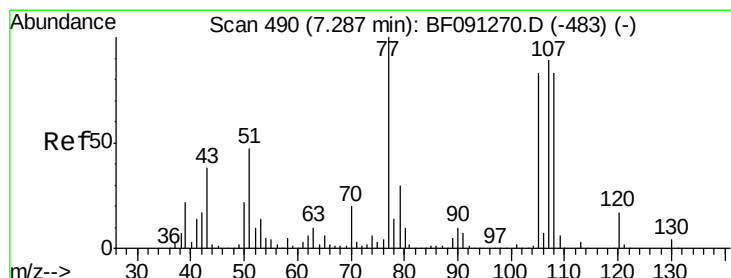
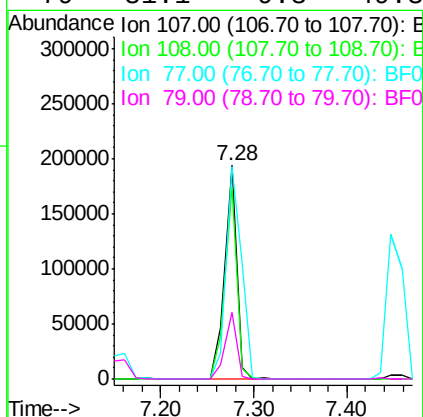
Instrument :
BNA_F
ClientSampleId :

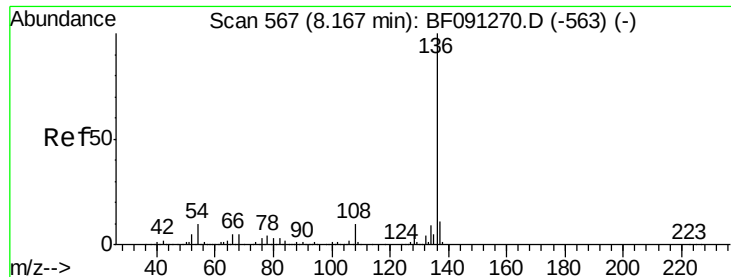
Tot Ion: 70 Resp: 126039
Ion Ratio Lower Upper
70 100
42 67.9 64.8 97.2
101 9.4 6.2 9.4#
130 21.9 11.7 17.5#



#20
3+4-Methylphenols
Concen: 11.69 ng
RT: 7.28 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion: 107 Resp: 174482
Ion Ratio Lower Upper
107 100
108 90.2 64.6 104.6
77 99.7 30.9 70.9#
79 31.1 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: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 879753

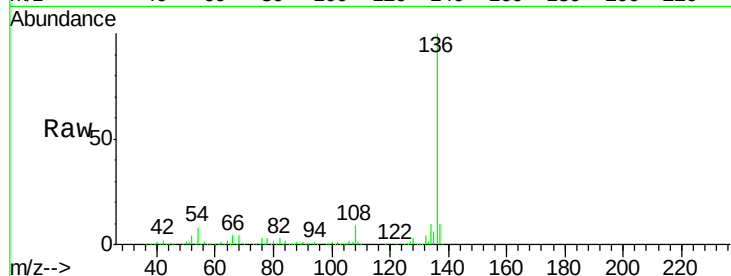
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 7.8 9.1 13.7#

68 4.2 5.9 8.9#

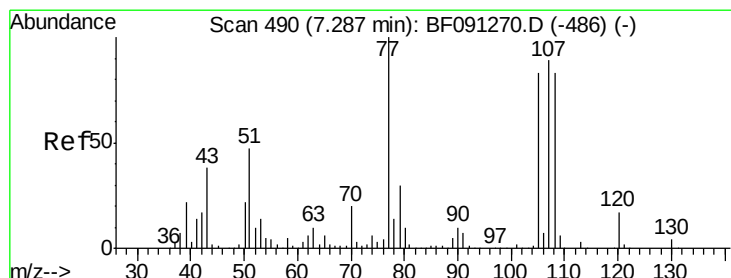
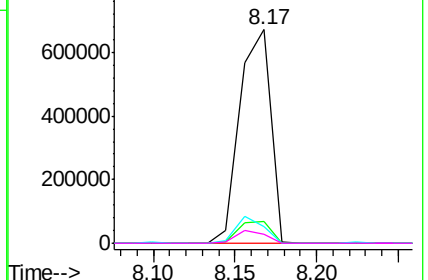
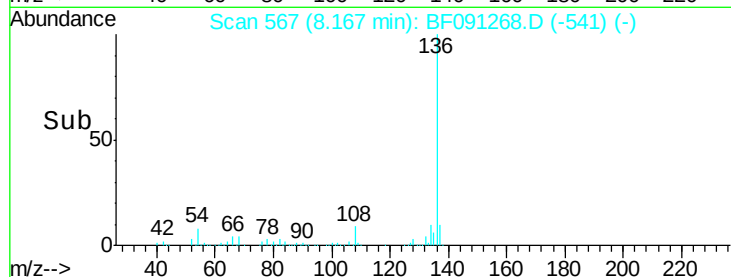


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.38 ng

RT: 7.29 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Tgt Ion:105 Resp: 217638

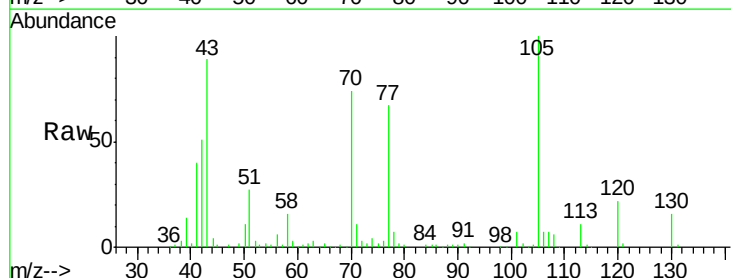
Ion Ratio Lower Upper

105 100

71 11.4 7.9 11.9

51 27.4 24.5 36.7

120 22.2 16.6 24.8

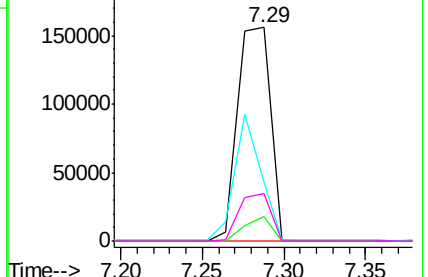
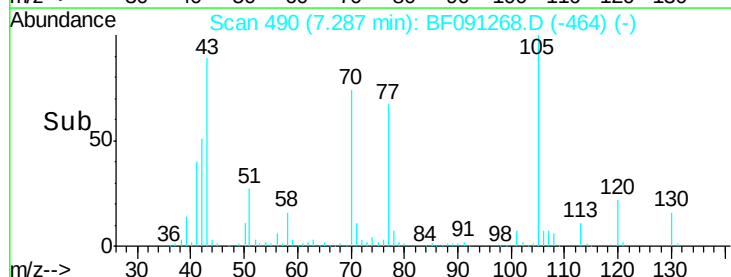


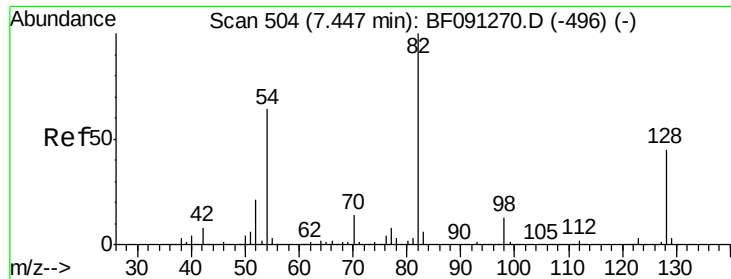
Abundance Ion 105.00 (104.70 to 105.70): E

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

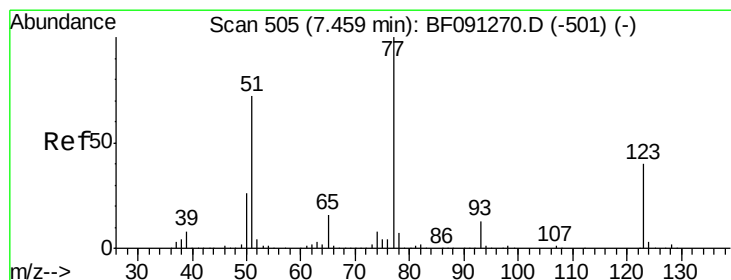
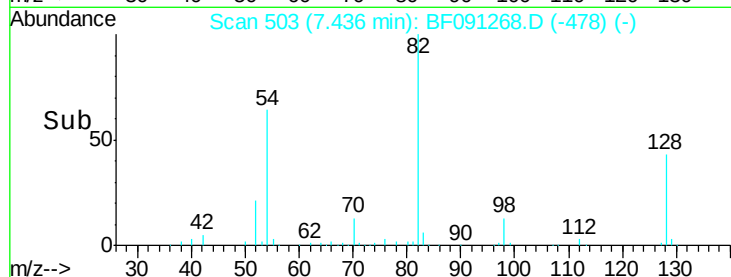
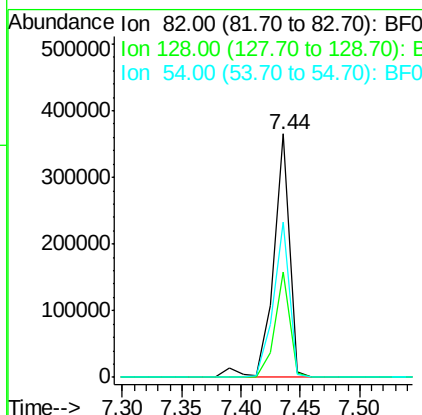
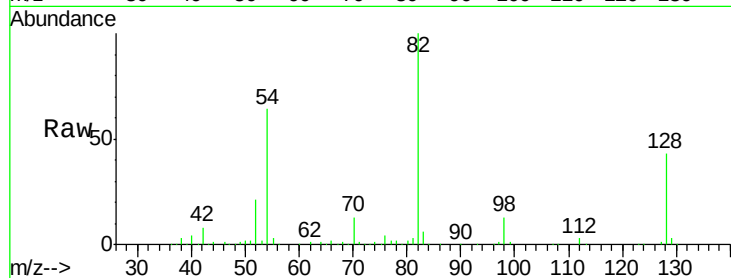




#23
 Nitrobenzene-d5
 Concen: 21.61 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

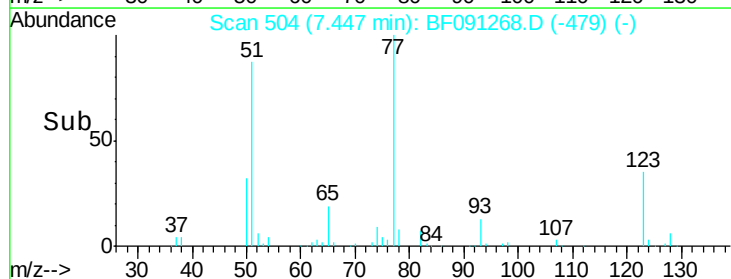
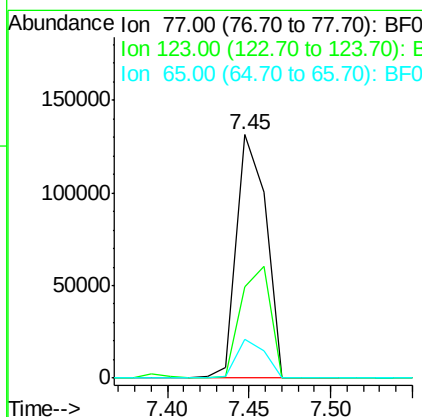
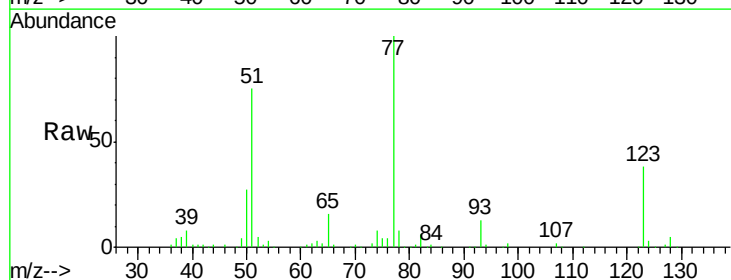
Instrument :
 BNA_F
 ClientSampled :

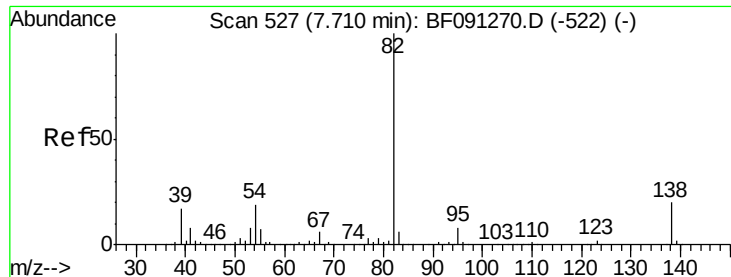
Tot Ion: 82 Resp: 344743
 Ion Ratio Lower Upper
 82 100
 128 43.3 31.8 47.6
 54 64.0 49.1 73.7



#24
 Nitrobenzene
 Concen: 9.25 ng
 RT: 7.45 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion: 77 Resp: 164206
 Ion Ratio Lower Upper
 77 100
 123 37.6 28.5 42.7
 65 15.7 12.5 18.7





#25

Isophorone

Concen: 10.20 ng

RT: 7.70 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

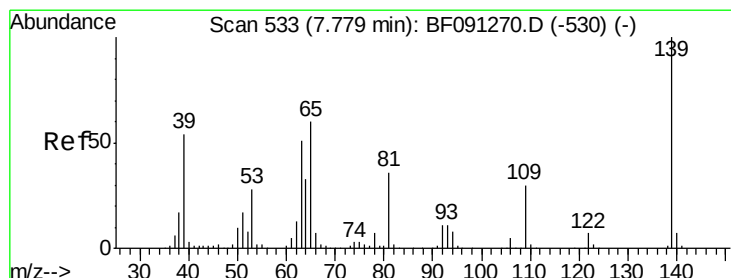
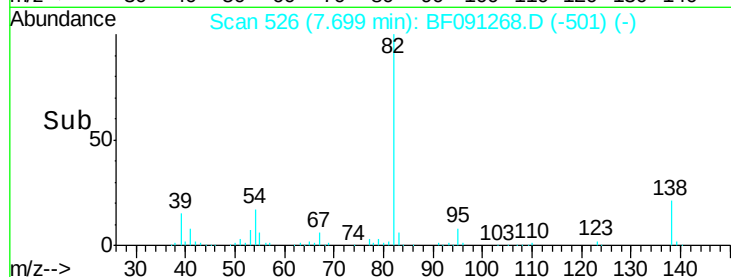
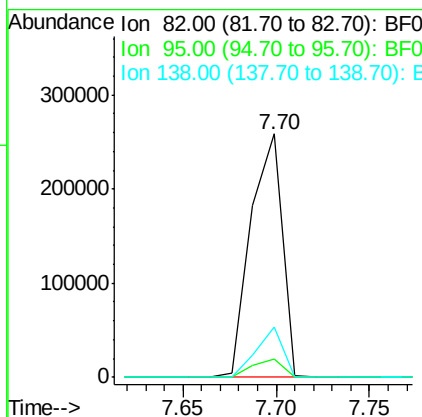
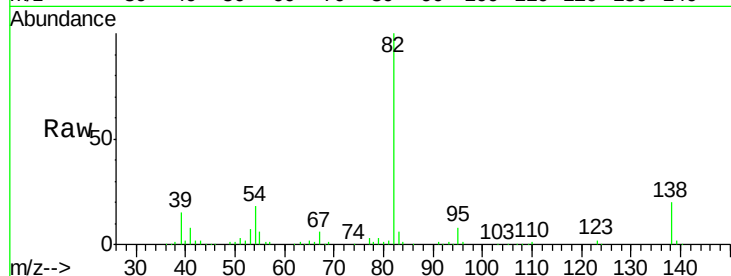
Tot Ion: 82 Resp: 307014

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

138 20.5 13.4 20.0#



#26

2-Nitrophenol

Concen: 8.19 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

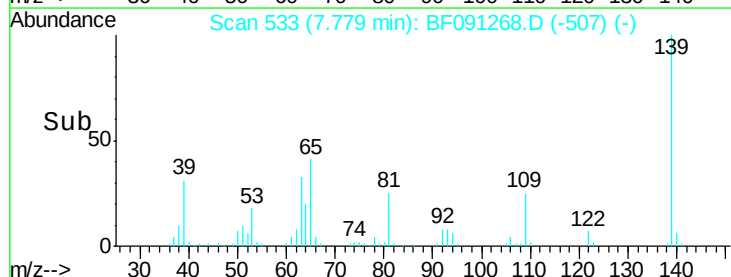
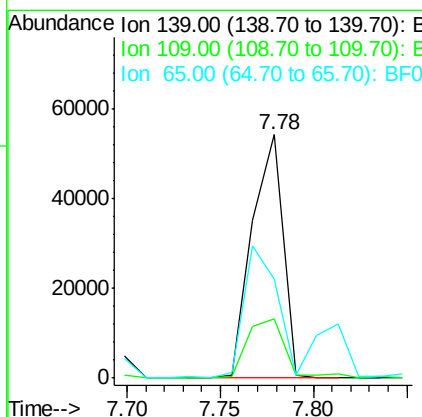
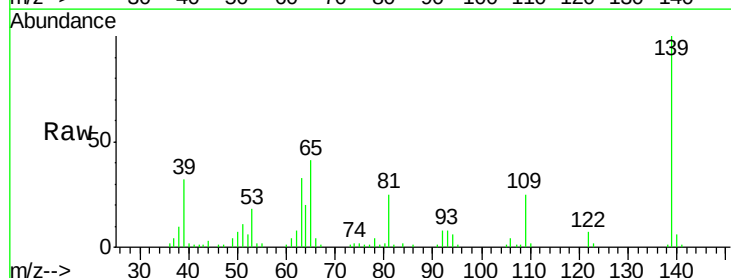
Tgt Ion: 139 Resp: 62178

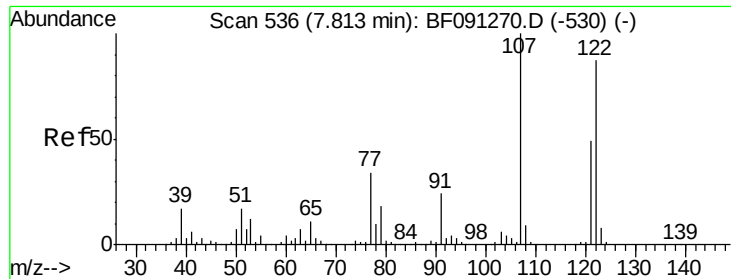
Ion Ratio Lower Upper

139 100

109 24.6 25.3 37.9#

65 40.5 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 13.14 ng

RT: 7.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

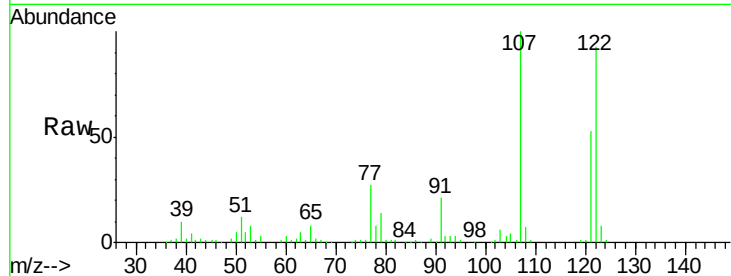
Tot Ion:122 Resp: 157104

Ion Ratio Lower Upper

122 100

107 107.8 96.8 145.2

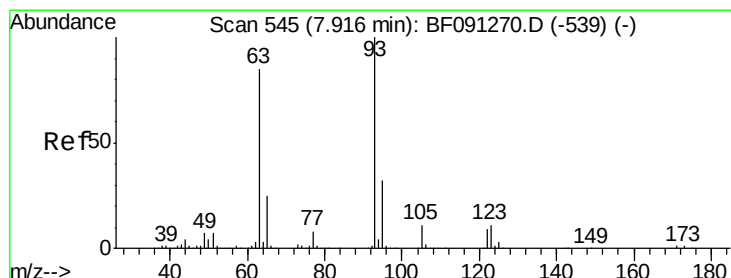
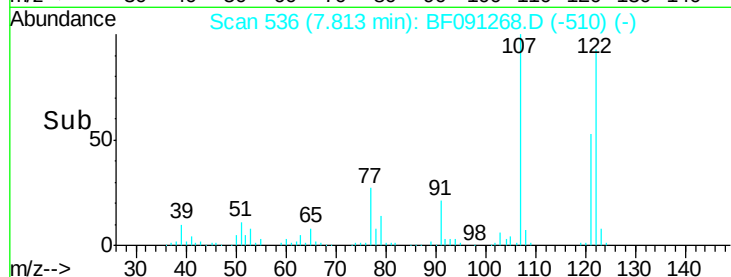
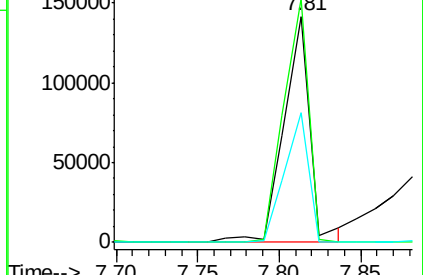
121 57.4 47.7 71.5



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: 10.93 ng

RT: 7.92 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

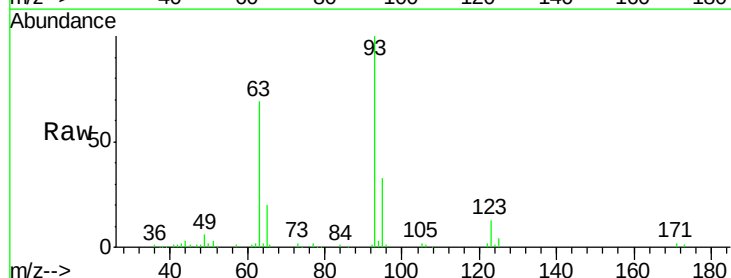
Tgt Ion: 93 Resp: 179738

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

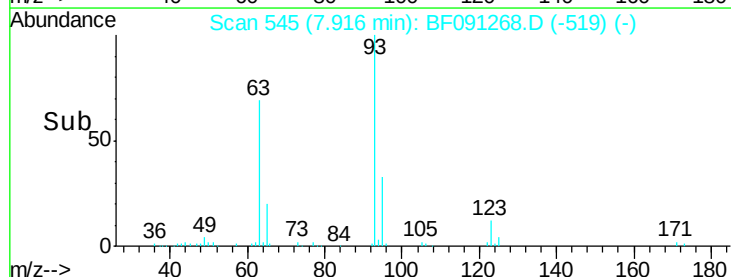
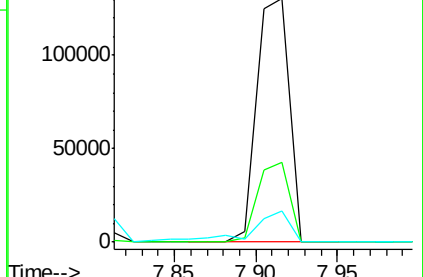
123 12.7 8.6 12.8

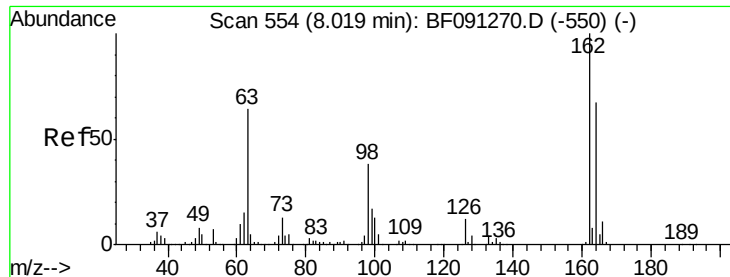


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 10.49 ng

RT: 8.01 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

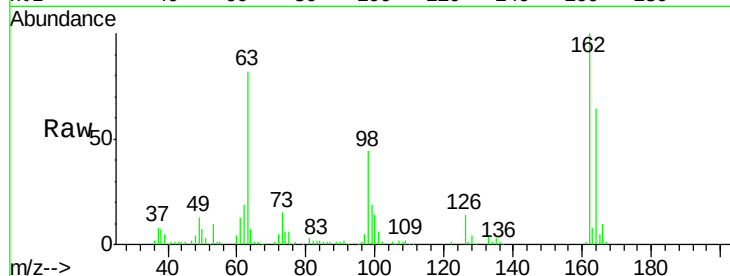
Tot Ion:162 Resp: 124802

Ion Ratio Lower Upper

162 100

164 64.0 45.0 85.0

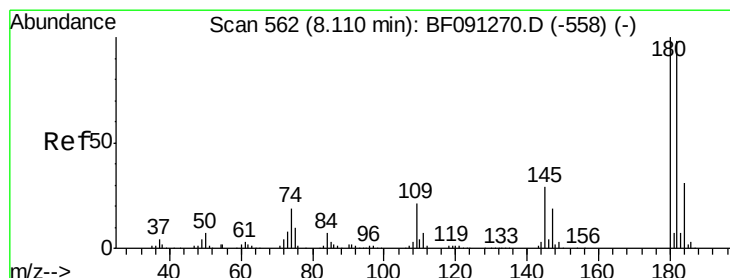
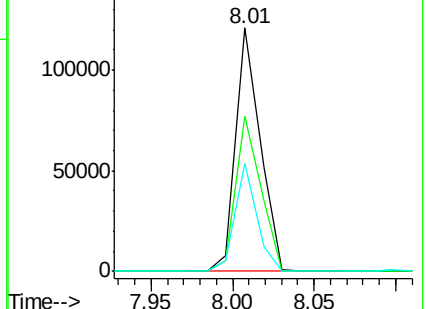
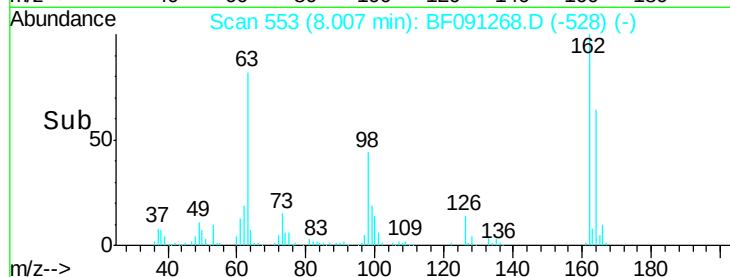
98 44.2 21.3 61.3



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: 11.04 ng

RT: 8.10 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

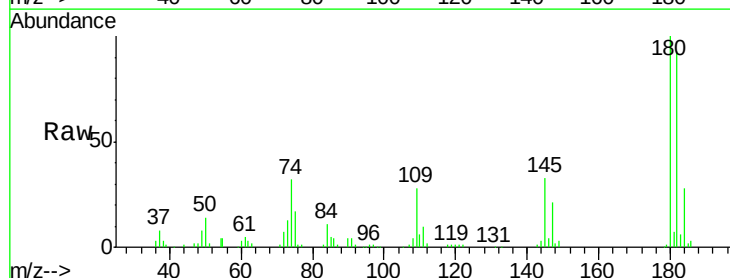
Tgt Ion:180 Resp: 146696

Ion Ratio Lower Upper

180 100

182 93.0 75.8 113.8

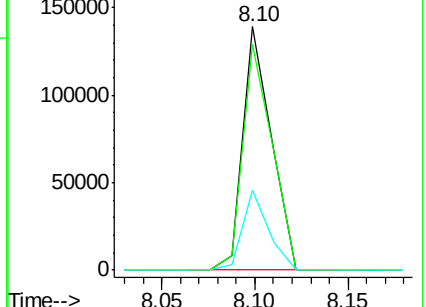
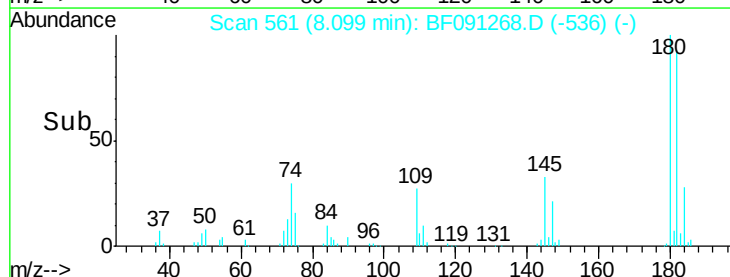
145 32.7 27.0 40.4

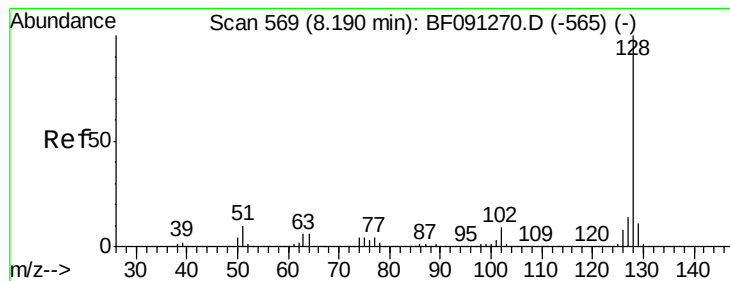


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.15 ng

RT: 8.18 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

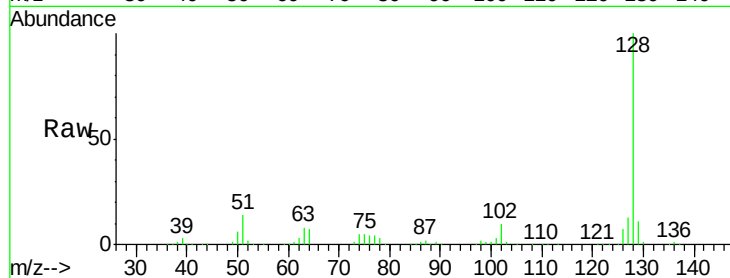
Tot Ion:128 Resp: 458364

Ion Ratio Lower Upper

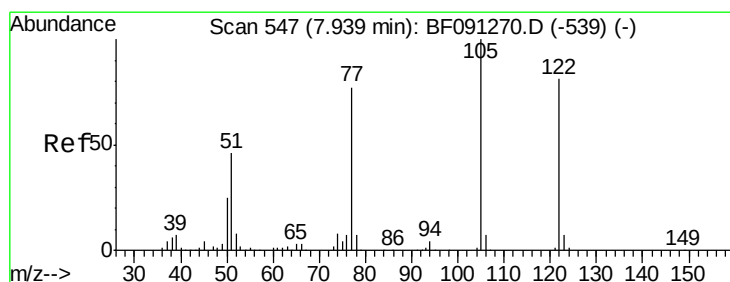
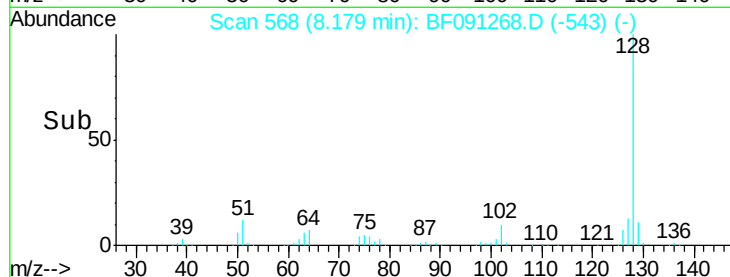
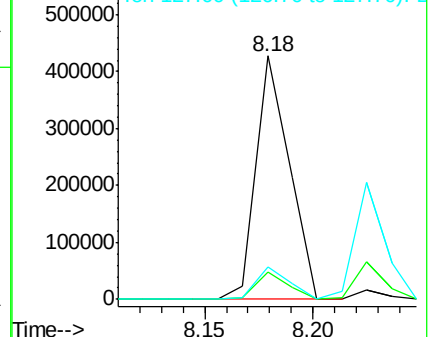
128 100

129 11.4 9.1 13.7

127 13.2 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: 13.60 ng

RT: 7.88 min Scan# 542

Delta R.T. -0.06 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

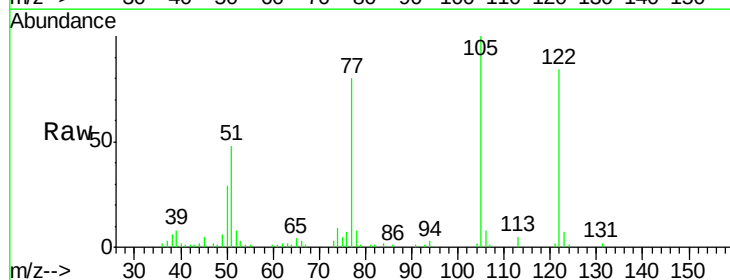
Tgt Ion:122 Resp: 91449

Ion Ratio Lower Upper

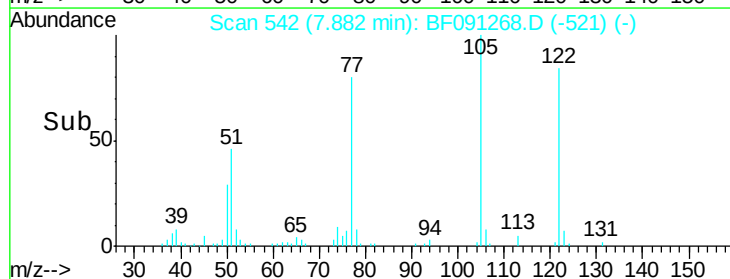
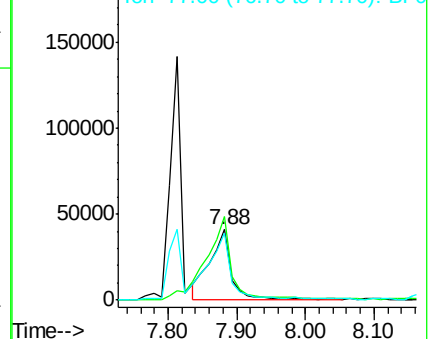
122 100

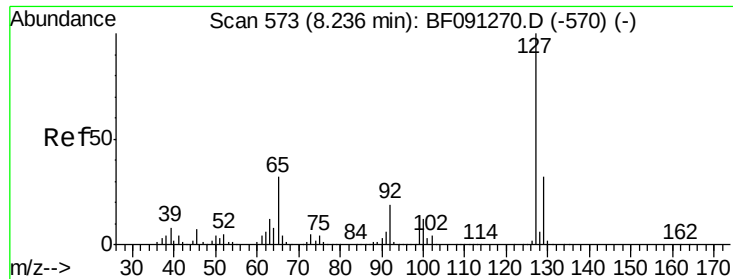
105 119.2 113.0 153.0

77 95.8 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

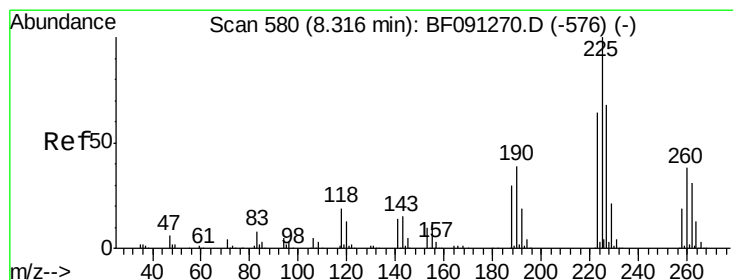
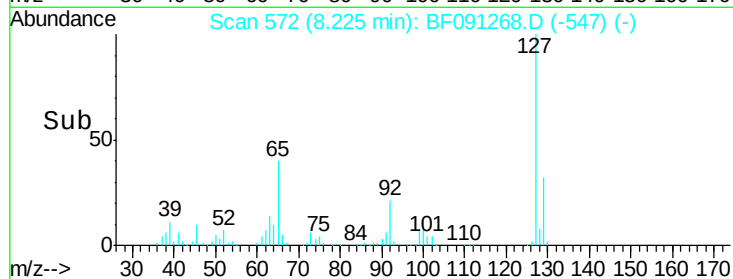
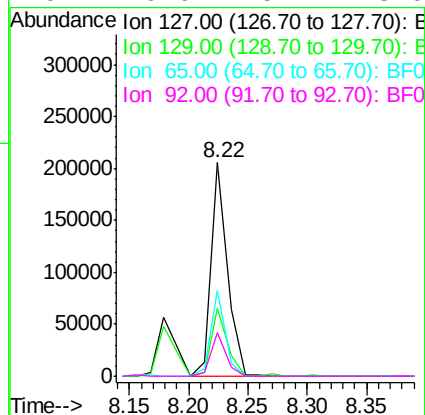
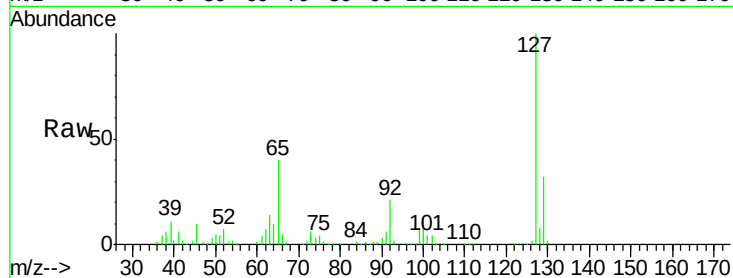




#33
4-Chloroaniline
Concen: 11.86 ng
RT: 8.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

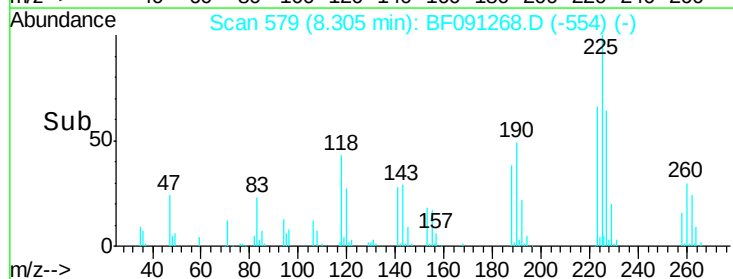
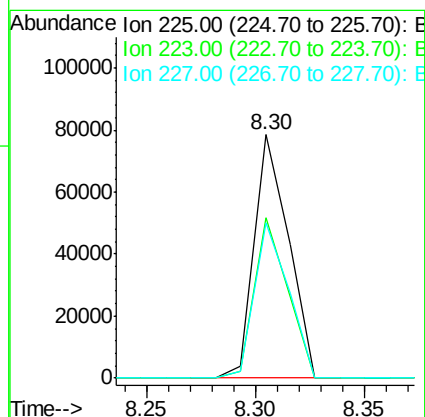
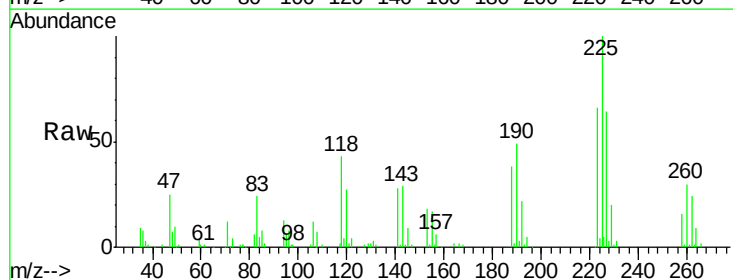
Instrument :
BNA_F
ClientSampleId :

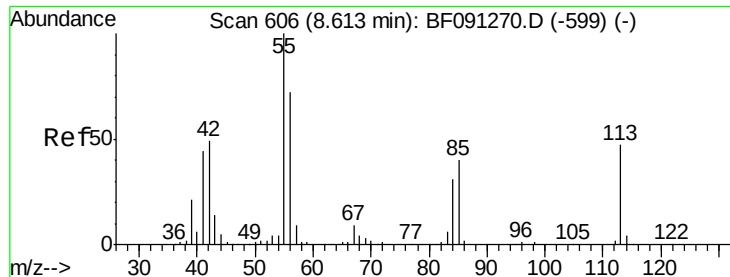
Tot Ion:	127	Resp:	197370
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	39.9	26.6	39.8#
92	20.6	15.4	23.0



#34
Hexachlorobutadiene
Concen: 10.93 ng
RT: 8.30 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion:	225	Resp:	86134
Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.8	74.6
227	64.0	52.6	79.0

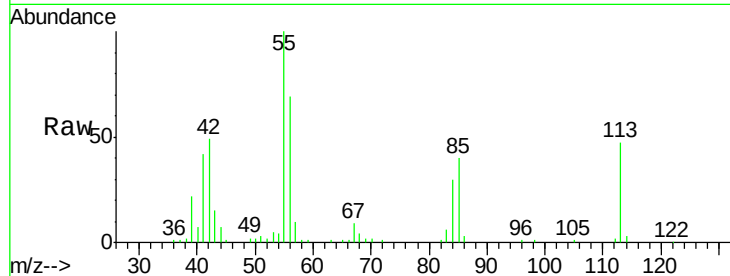




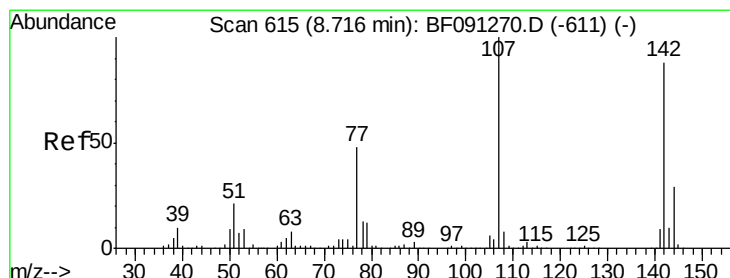
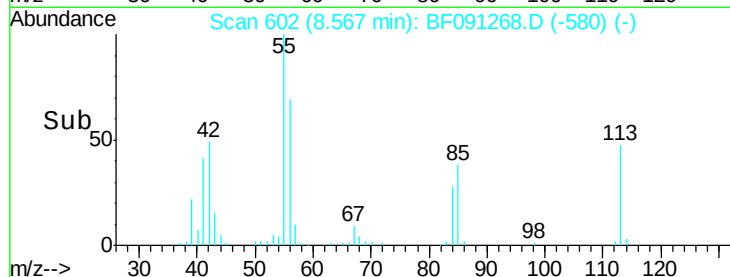
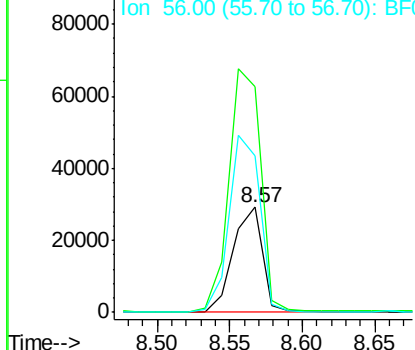
#35
Caprolactam
Concen: 12.17 ng
RT: 8.57 min Scan# 602
Delta R.T. -0.05 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 40765
Ion Ratio Lower Upper
113 100
55 215.0 239.8 279.8#
56 148.8 165.6 205.6#

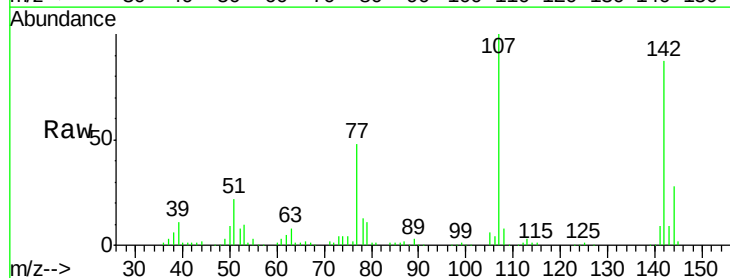


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

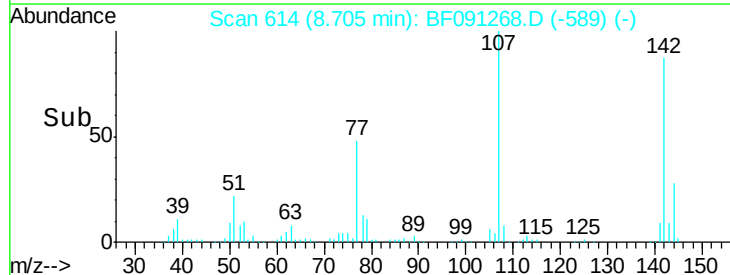
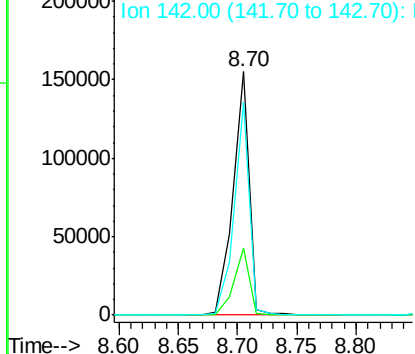


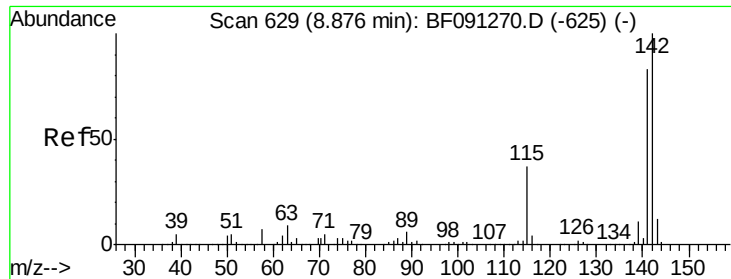
#36
4-Chloro-3-methylphenol
Concen: 11.38 ng
RT: 8.70 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion:107 Resp: 148385
Ion Ratio Lower Upper
107 100
144 27.6 18.9 28.3
142 87.3 58.5 87.7



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

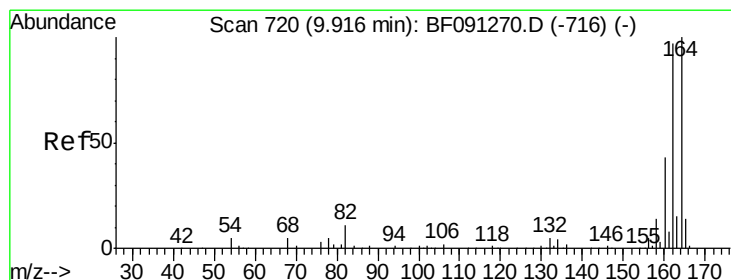
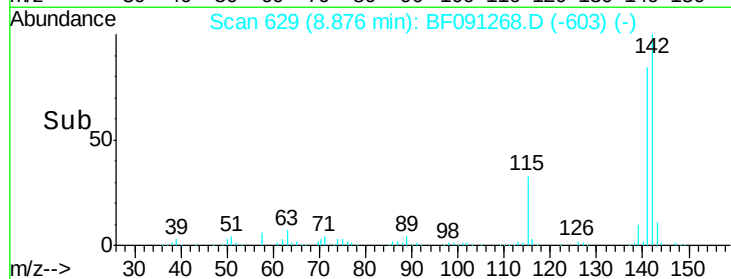
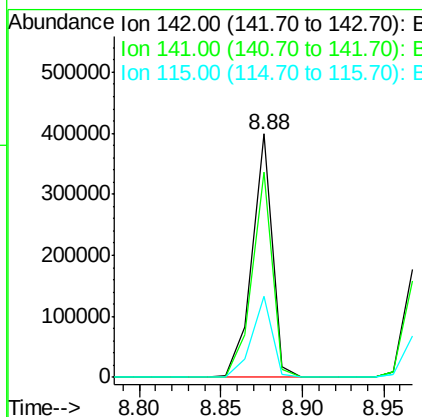
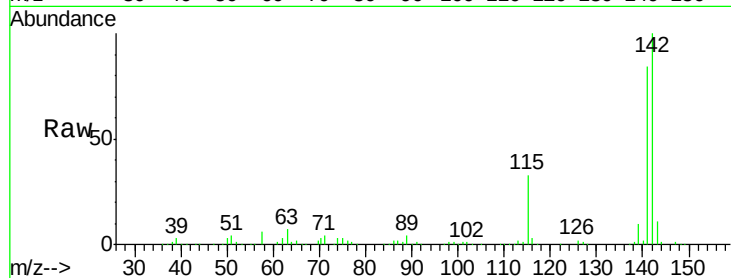




#37
 2-Methylnaphthalene
 Concen: 12.48 ng
 RT: 8.88 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

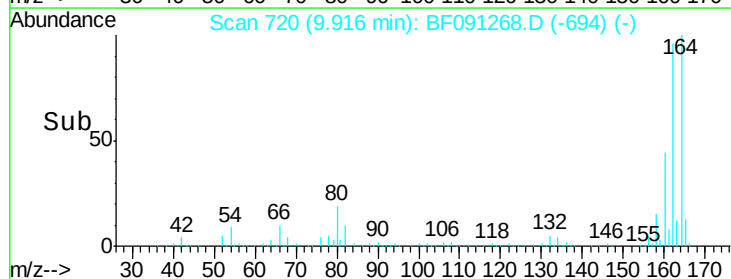
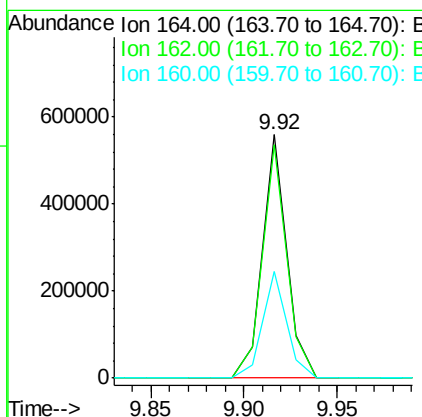
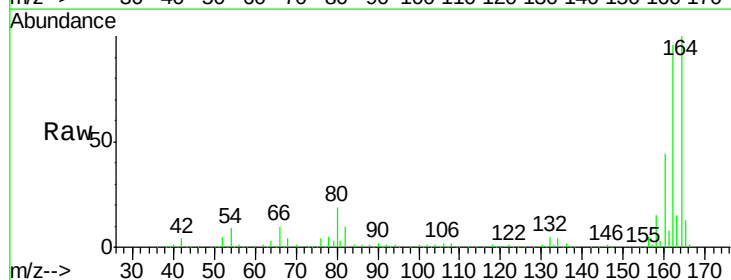
Instrument :
 BNA_F
 ClientSampled :

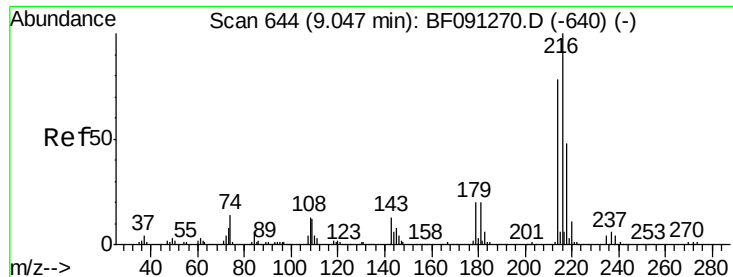
Tot Ion:142 Resp: 344080
 Ion Ratio Lower Upper
 142 100
 141 84.1 71.7 107.5
 115 33.0 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion:164 Resp: 501434
 Ion Ratio Lower Upper
 164 100
 162 96.0 82.6 124.0
 160 43.7 36.7 55.1

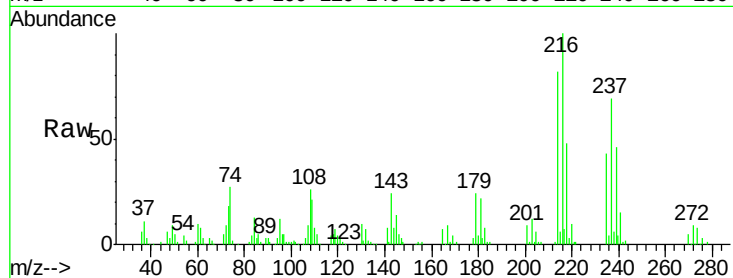




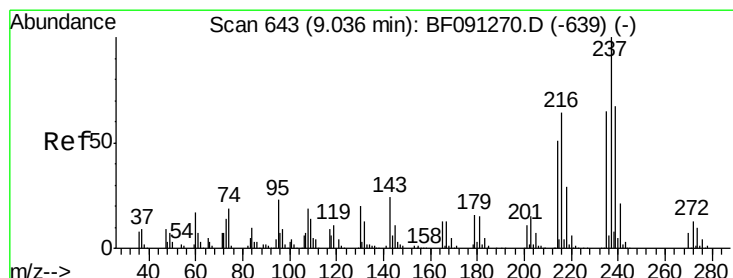
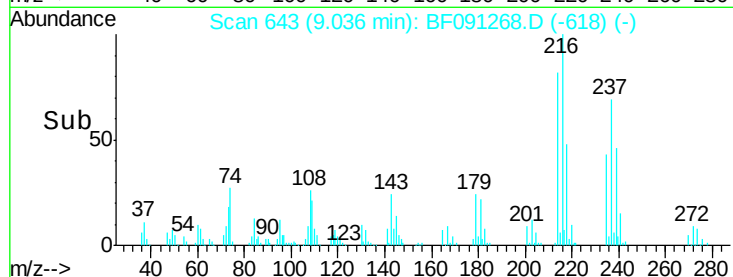
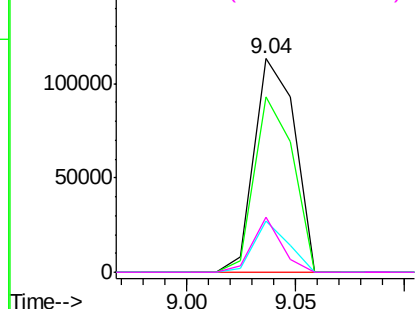
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.38 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	146818
Ion Ratio	Lower	Upper
216	100	
214	78.4	63.8 95.8
179	20.2	18.2 27.2
108	18.2	17.2 25.8

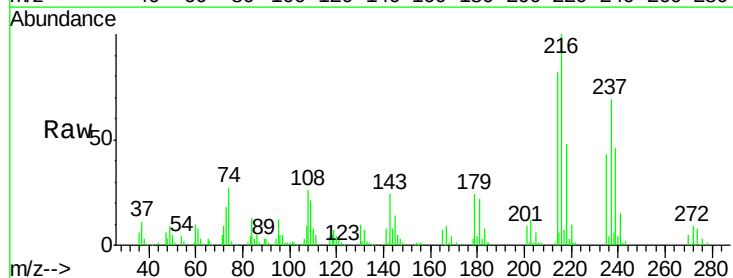


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

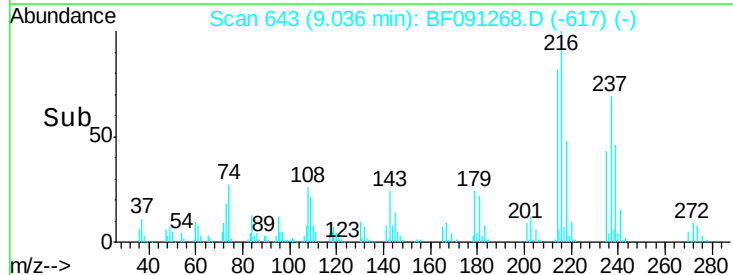
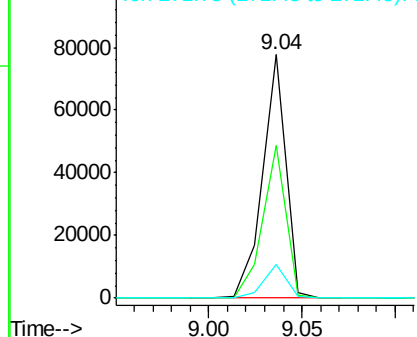


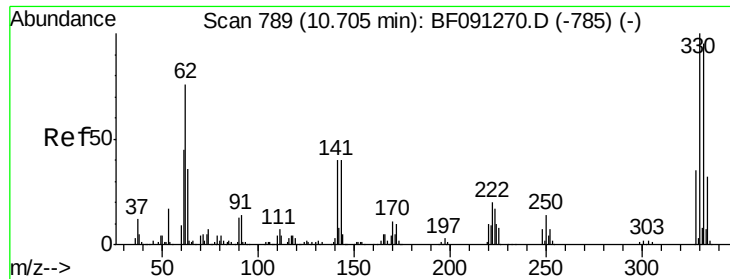
#40
 Hexachlorocyclopentadiene
 Concen: 19.57 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion:237	Resp:	66373
Ion Ratio	Lower	Upper
237	100	
235	62.5	43.9 83.9
272	13.8	0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

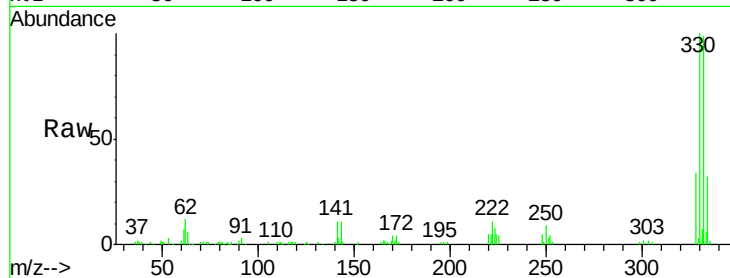




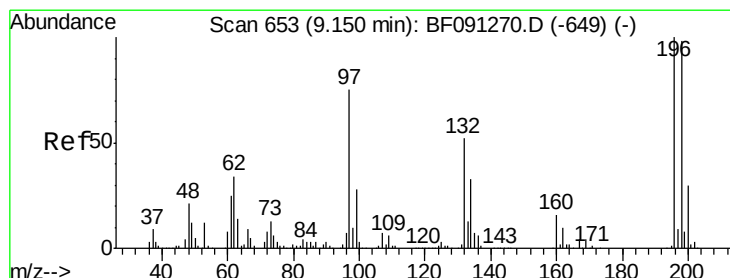
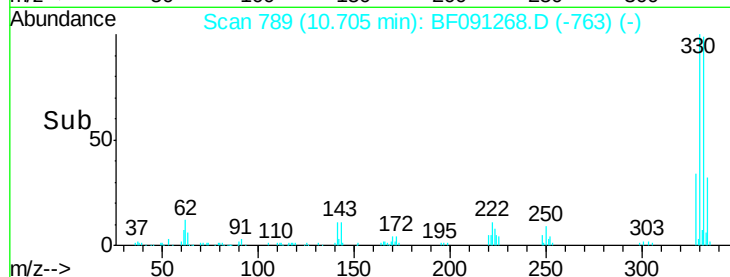
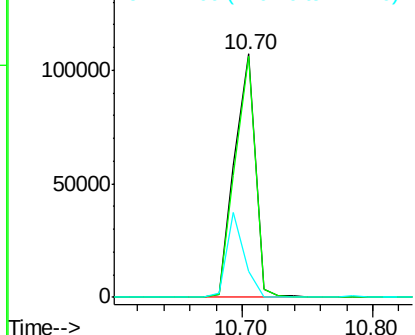
#41
 2,4,6-Tribromophenol
 Concen: 25.21 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 118015
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 30.0 33.6 50.4#

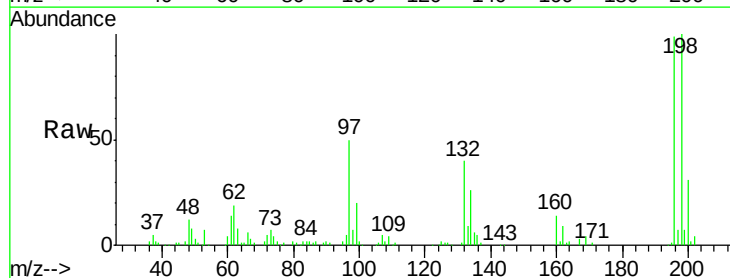


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

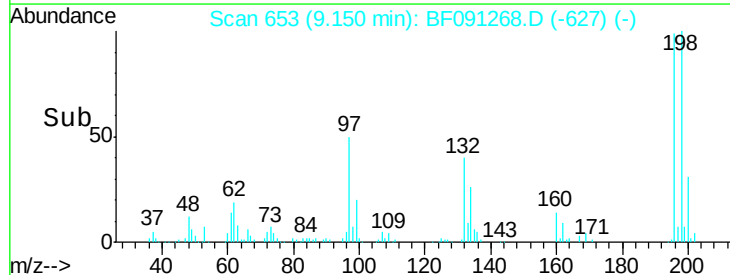
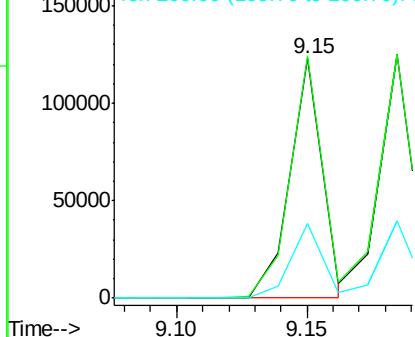


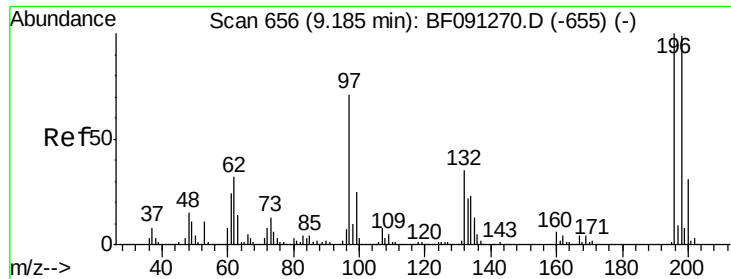
#42
 2,4,6-Trichlorophenol
 Concen: 12.28 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion:196 Resp: 105695
 Ion Ratio Lower Upper
 196 100
 198 101.0 77.4 116.0
 200 31.0 25.2 37.8



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

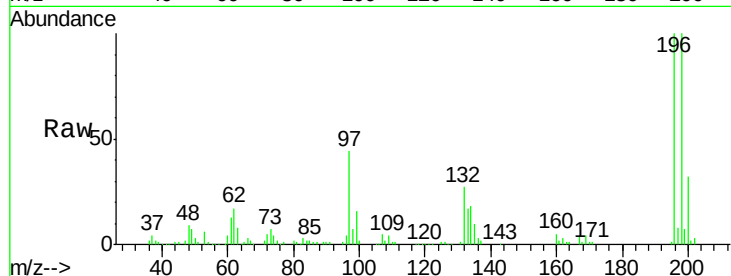




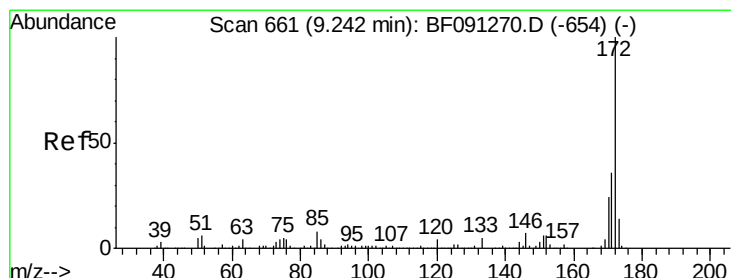
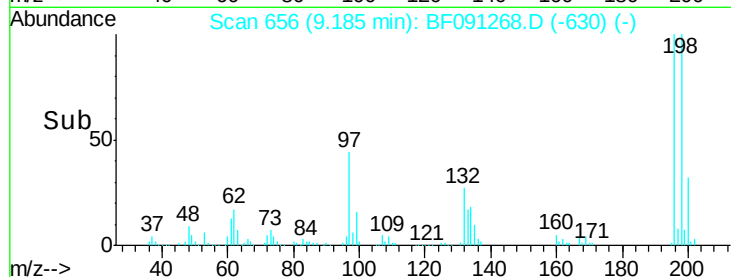
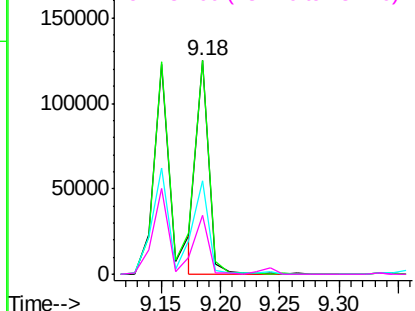
#43
 2,4,5-Trichlorophenol
 Concen: 10.33 ng
 RT: 9.18 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	100.1	77.0	115.6	
97	44.0	33.5	50.3	
132	27.4	20.5	30.7	

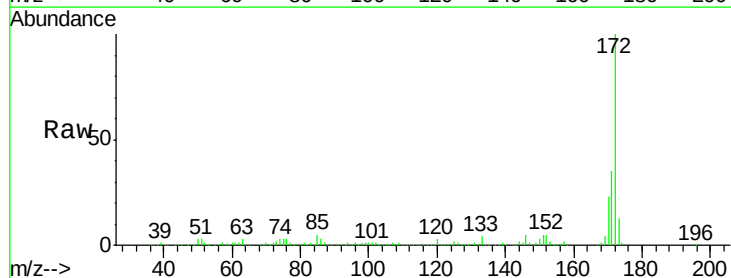


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

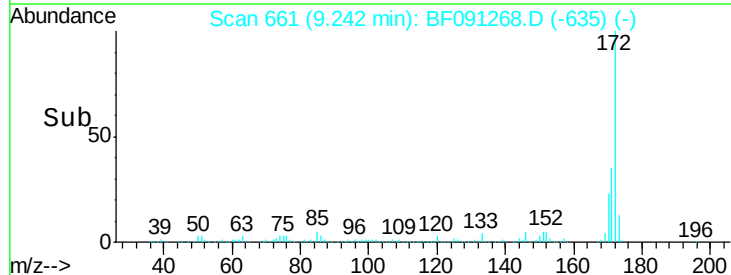
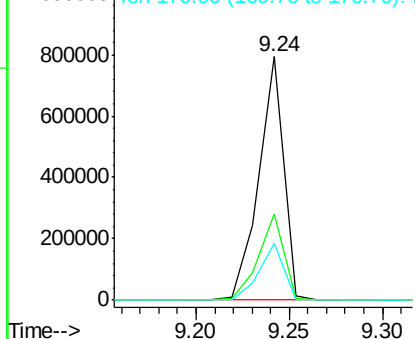


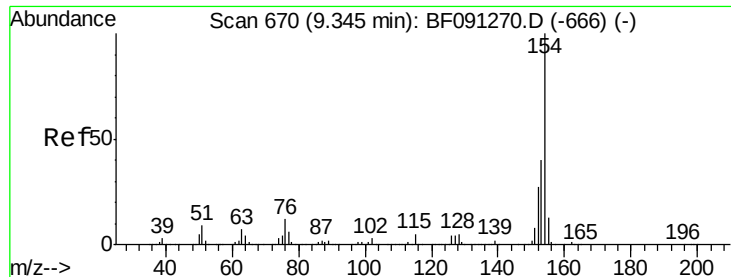
#44
 2-Fluorobiphenyl
 Concen: 25.32 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.2	29.4	44.0	
170	23.4	19.7	29.5	



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





#45

1,1'-Biphenyl

Concen: 10.45 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

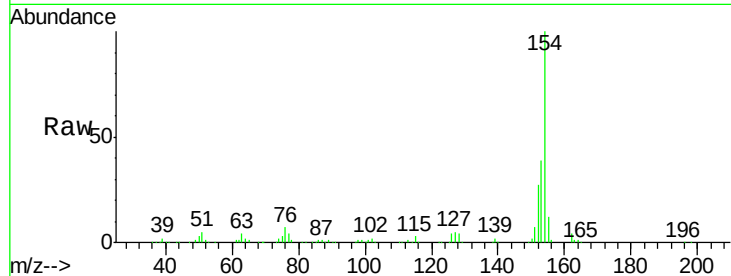
Tot Ion:154 Resp: 399568

Ion Ratio Lower Upper

154 100

153 39.1 20.6 60.6

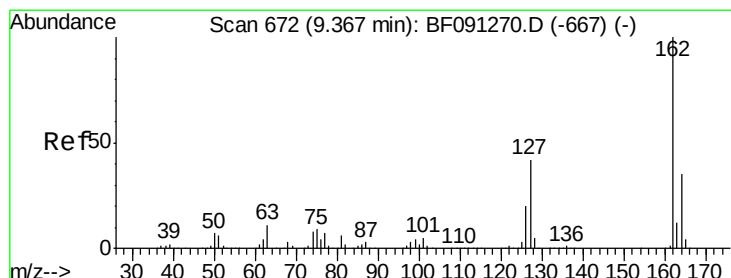
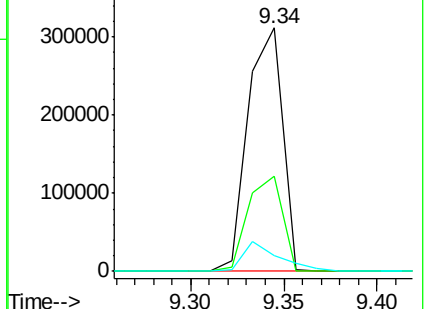
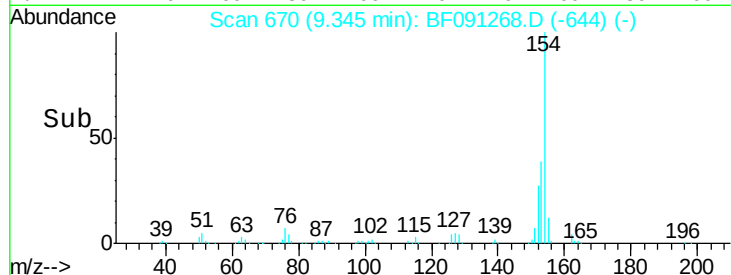
76 6.7 0.0 36.6



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: 10.16 ng

RT: 9.36 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

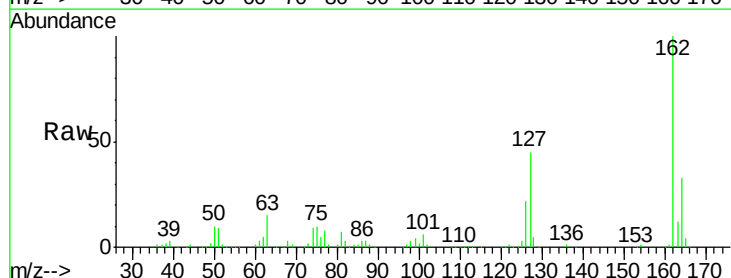
Tgt Ion:162 Resp: 289164

Ion Ratio Lower Upper

162 100

127 45.3 34.3 51.5

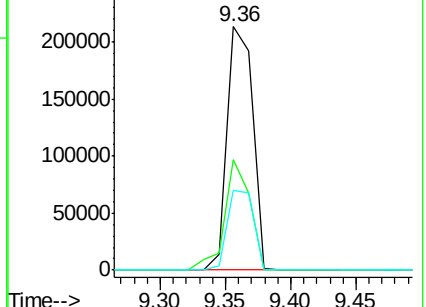
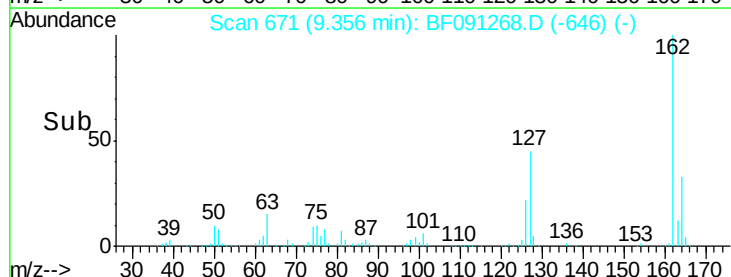
164 32.8 26.6 40.0

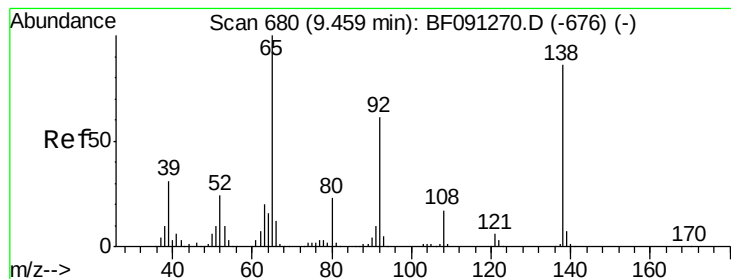


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 8.52 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

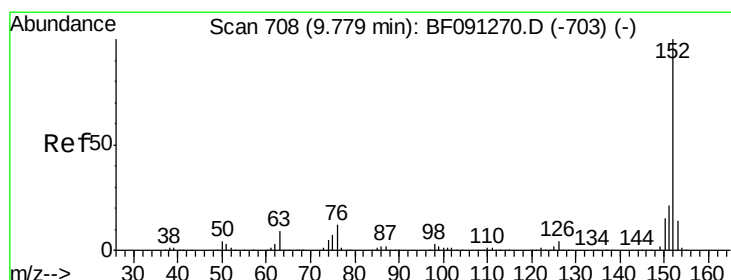
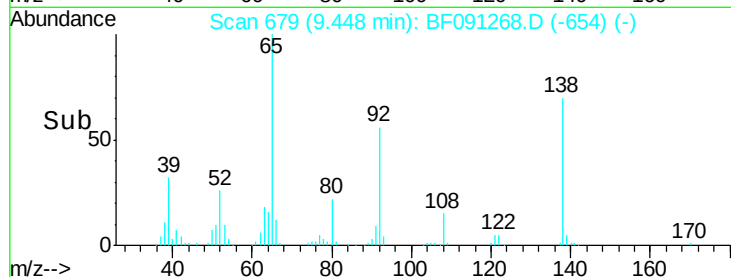
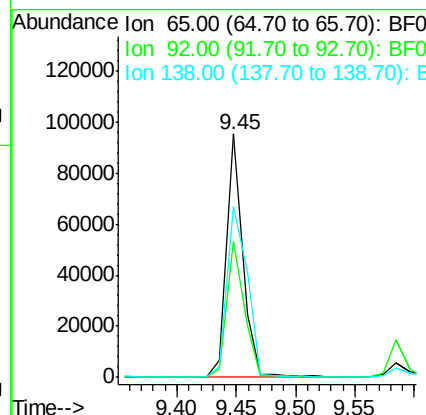
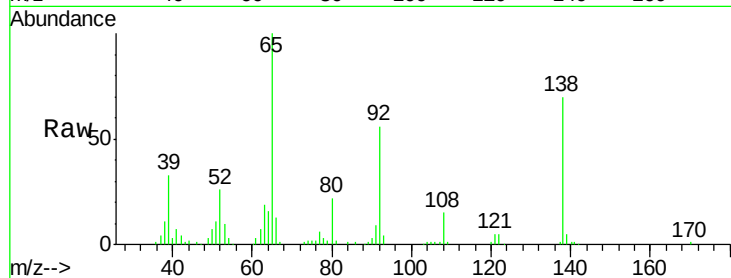
Tot Ion: 65 Resp: 89937

Ion Ratio Lower Upper

65 100

92 55.9 53.6 80.4

138 70.0 91.0 136.6#



#48

Acenaphthylene

Concen: 11.84 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

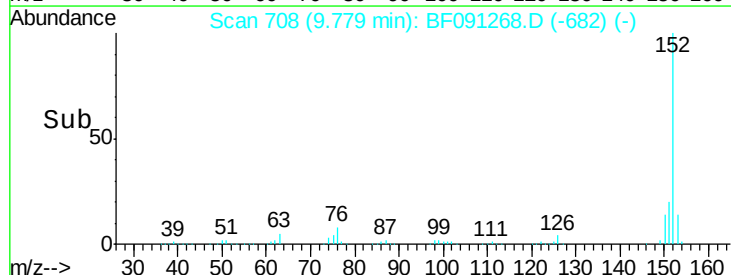
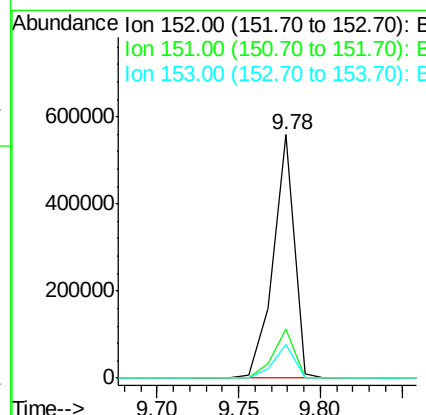
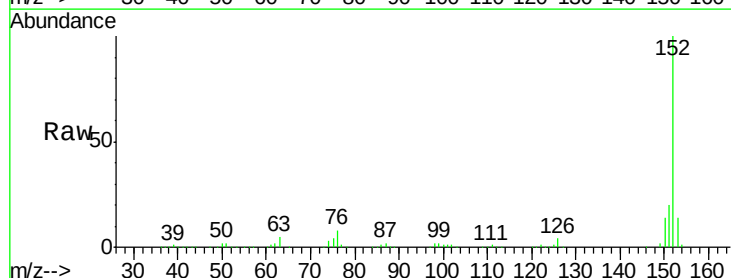
Tgt Ion: 152 Resp: 506985

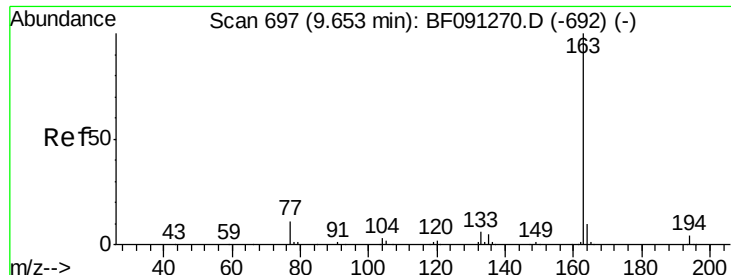
Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

153 13.8 10.7 16.1

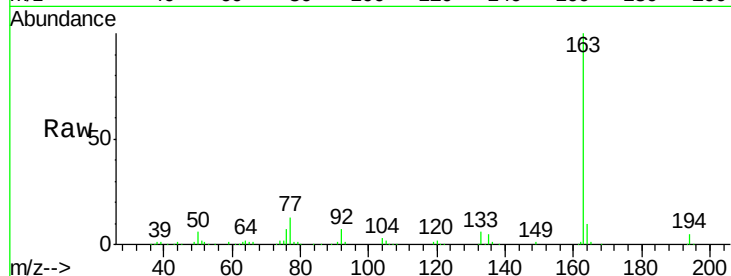




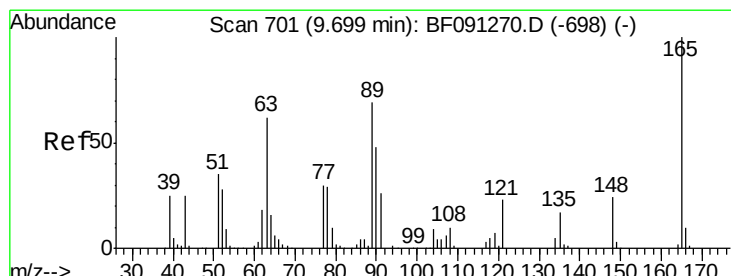
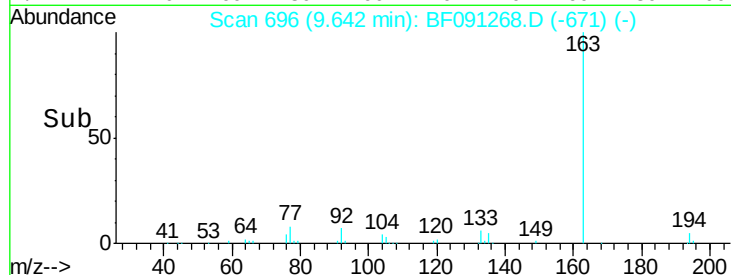
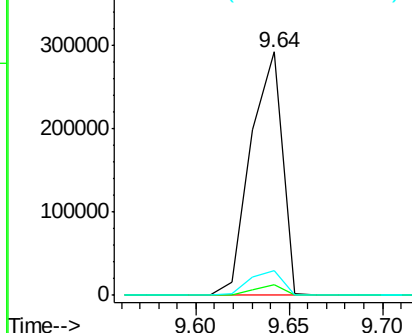
#49
Dimethylphthalate
Concen: 10.43 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 348959
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 9.9 7.8 11.8

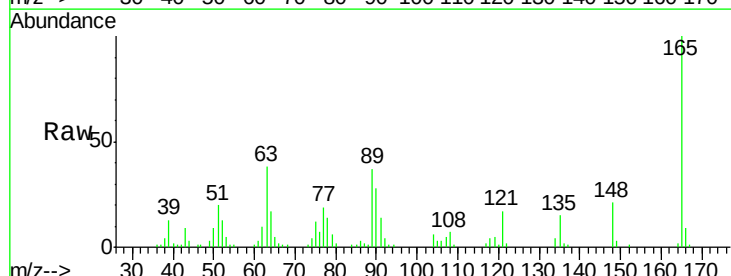


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

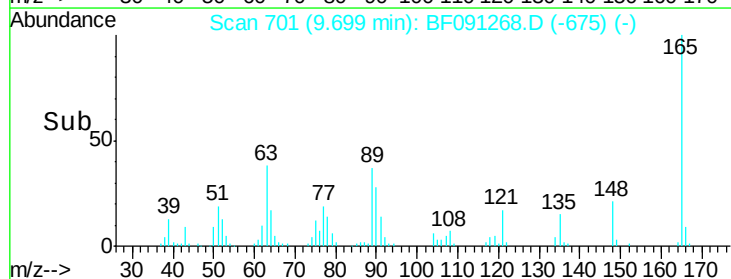
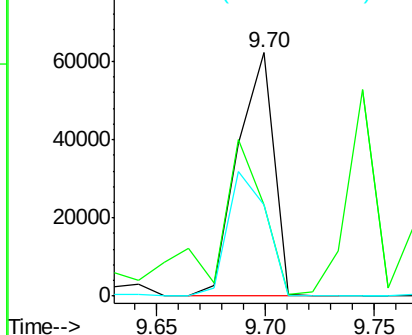


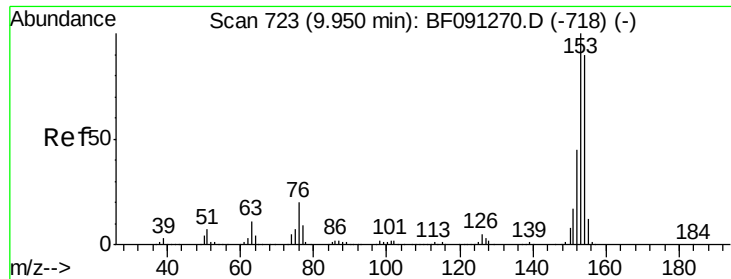
#50
2,6-Dinitrotoluene
Concen: 9.99 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion:165 Resp: 71626
Ion Ratio Lower Upper
165 100
63 37.7 59.4 89.0#
89 37.5 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: 12.74 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampled :

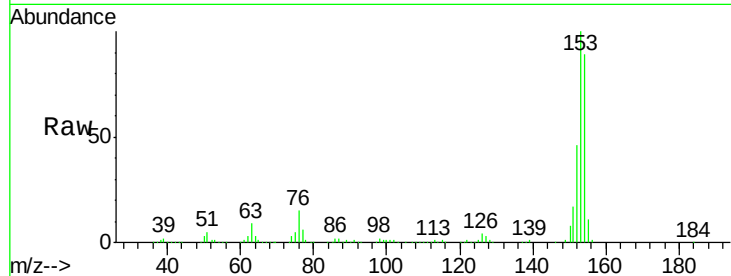
Tot Ion:154 Resp: 338136

Ion Ratio Lower Upper

154 100

153 112.2 91.0 136.6

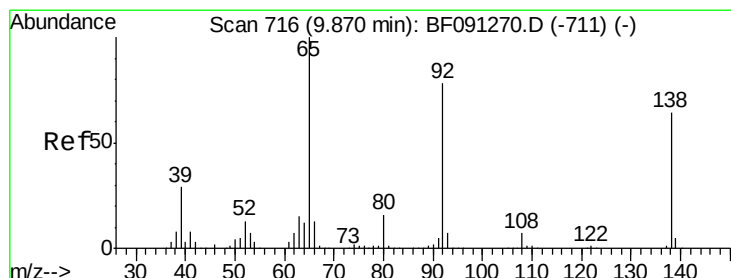
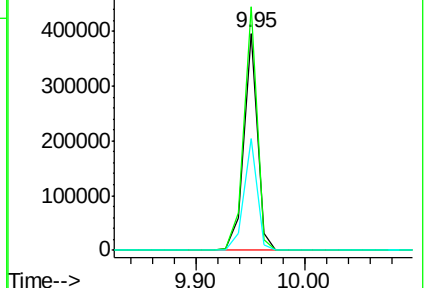
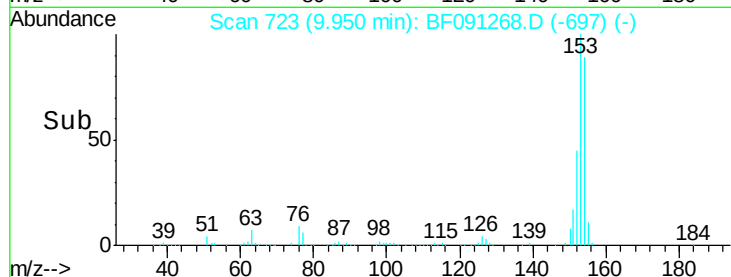
152 51.4 44.2 66.2



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: 11.21 ng

RT: 9.86 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

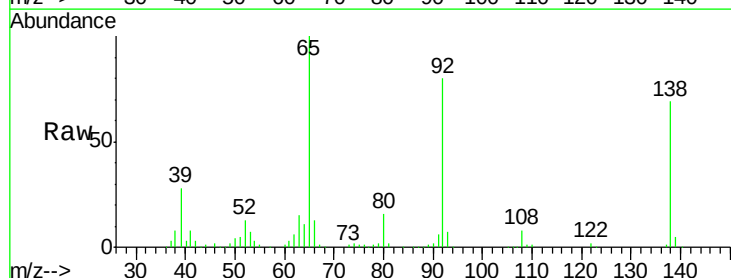
Tgt Ion:138 Resp: 85748

Ion Ratio Lower Upper

138 100

108 12.1 8.1 12.1#

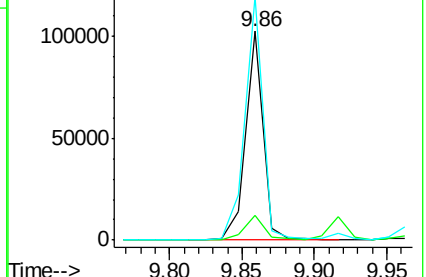
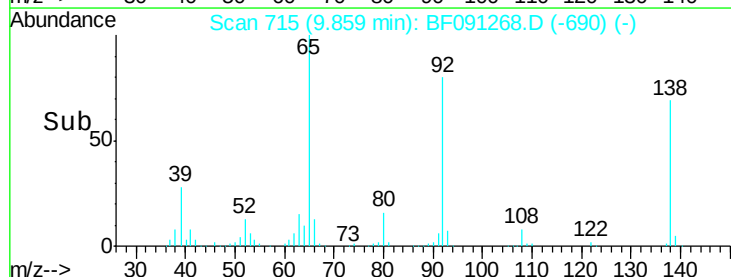
92 116.8 92.5 138.7

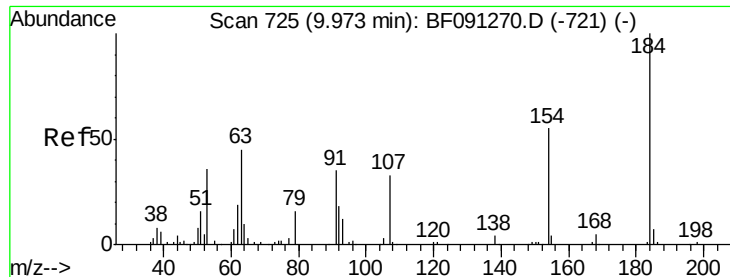


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

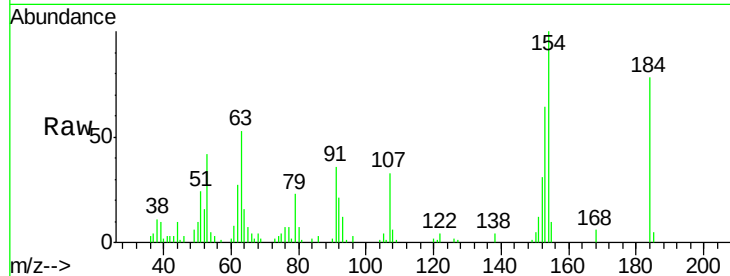




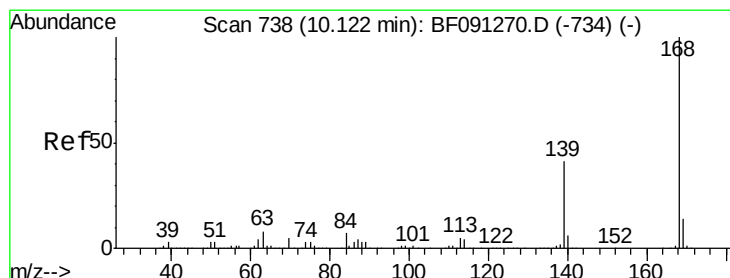
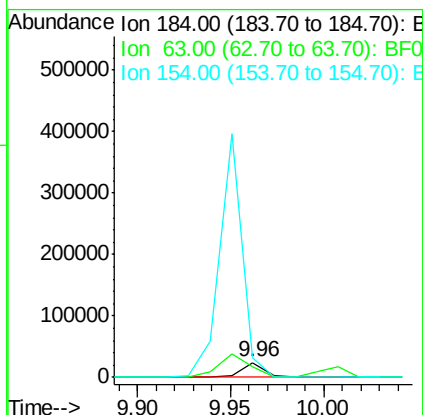
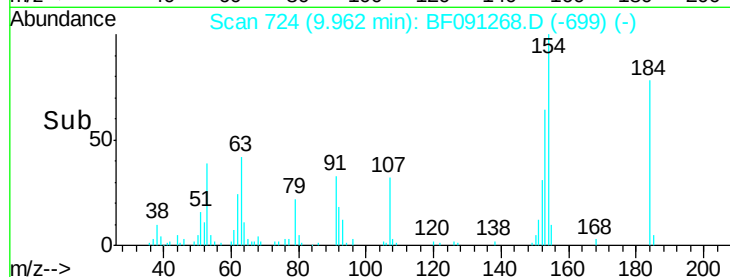
#53
2,4-Dinitrophenol
Concen: 10.82 ng
RT: 9.96 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 19878
Ion Ratio Lower Upper
184 100
63 67.2 58.3 87.5
154 128.0 48.6 73.0#

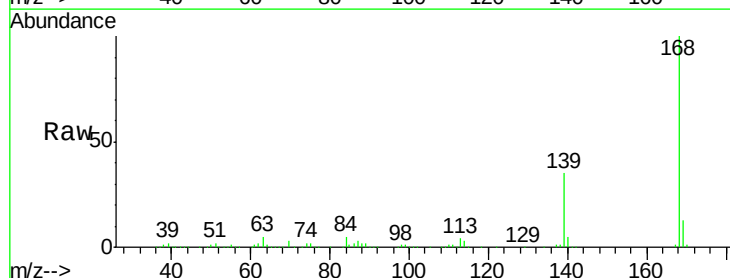


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

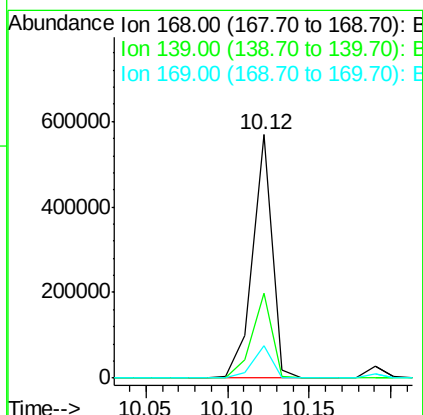
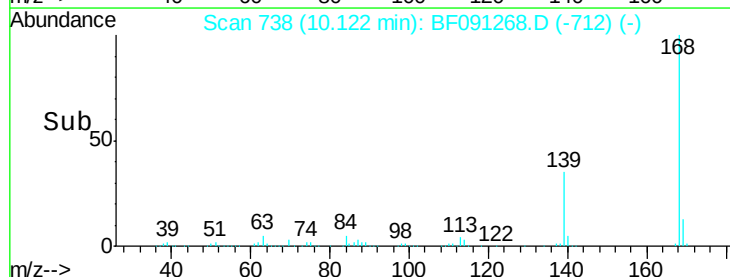


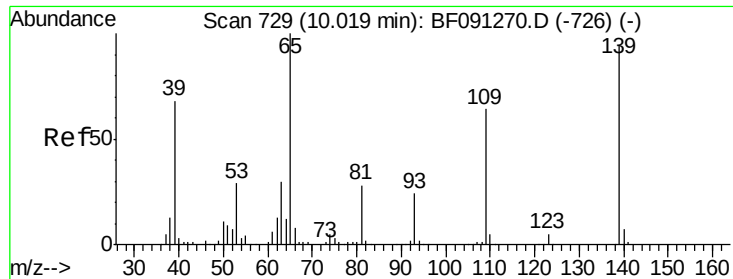
#54
Dibenzofuran
Concen: 12.83 ng
RT: 10.12 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion:168 Resp: 474325
Ion Ratio Lower Upper
168 100
139 35.1 33.4 50.2
169 13.2 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

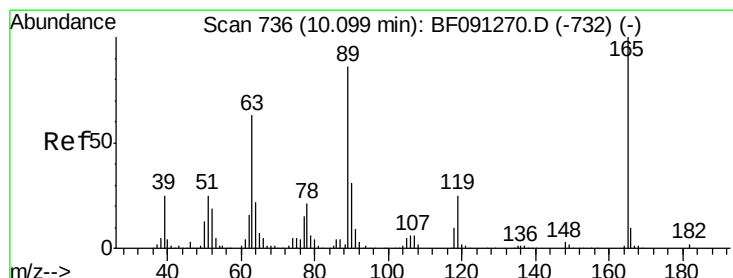
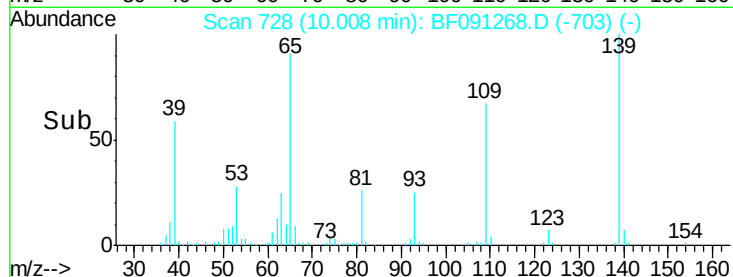
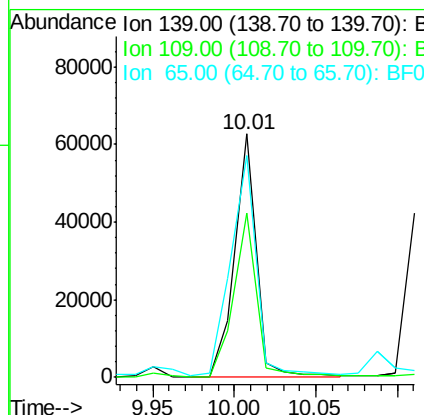
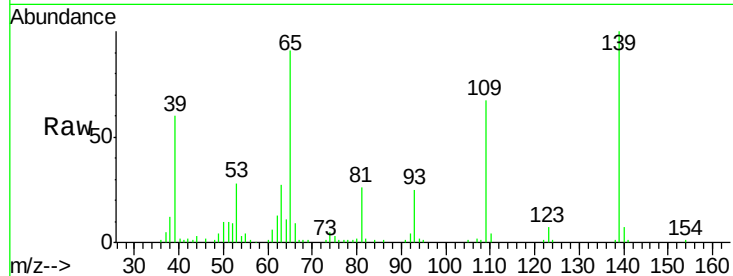




#55
4-Nitrophenol
Concen: 20.69 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

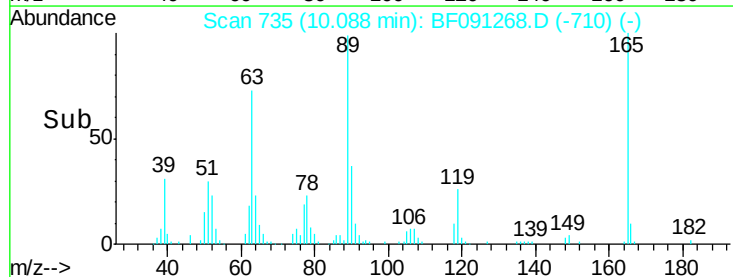
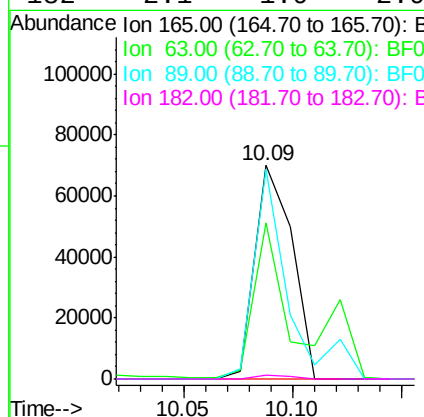
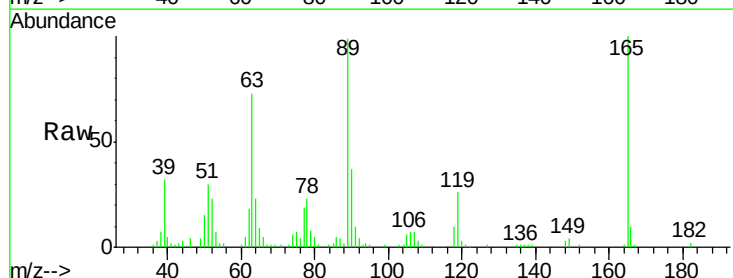
Instrument :
BNA_F
ClientSampled :

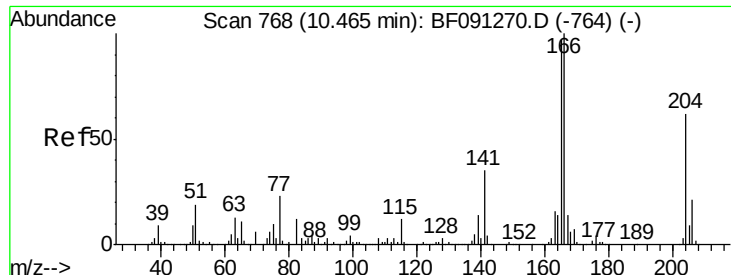
Tot Ion:139 Resp: 57788
Ion Ratio Lower Upper
139 100
109 67.3 54.9 94.9
65 91.2 102.2 142.2#



#56
2,4-Dinitrotoluene
Concen: 9.27 ng
RT: 10.09 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion:165 Resp: 83741
Ion Ratio Lower Upper
165 100
63 72.9 29.0 43.4#
89 98.5 43.1 64.7#
182 2.1 1.9 2.9

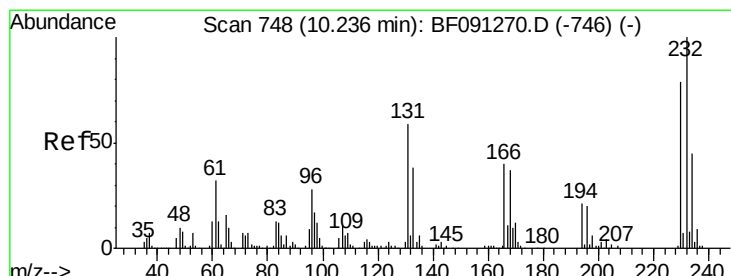
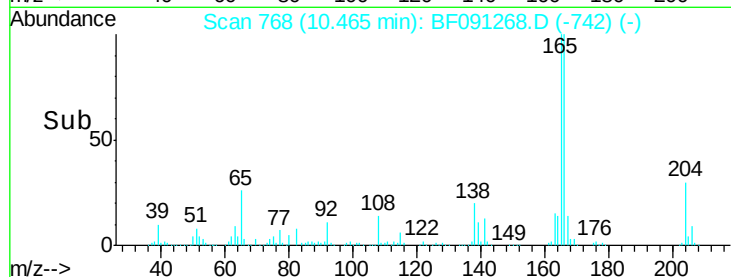
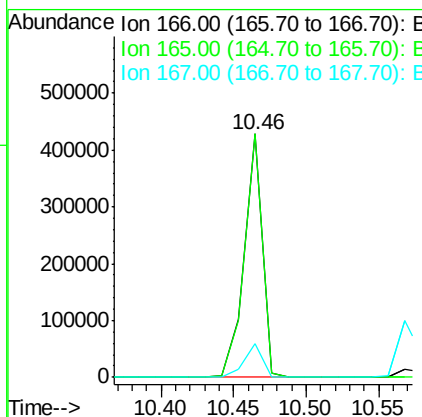
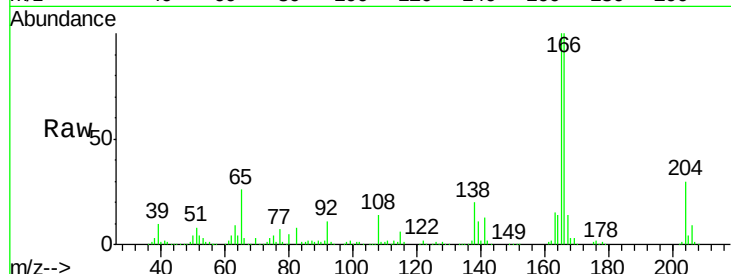




#57
Fluorene
 Concen: 12.40 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

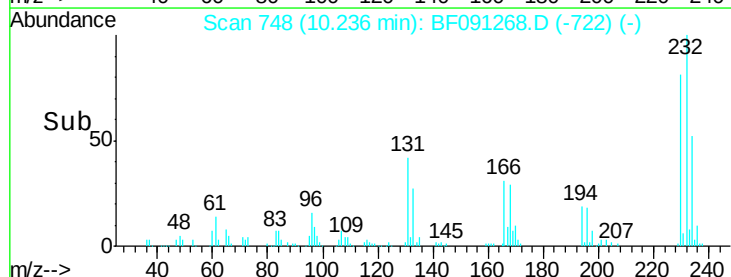
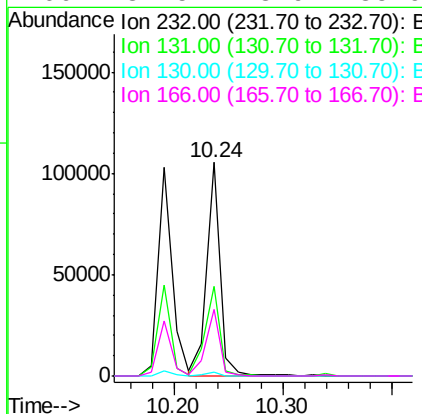
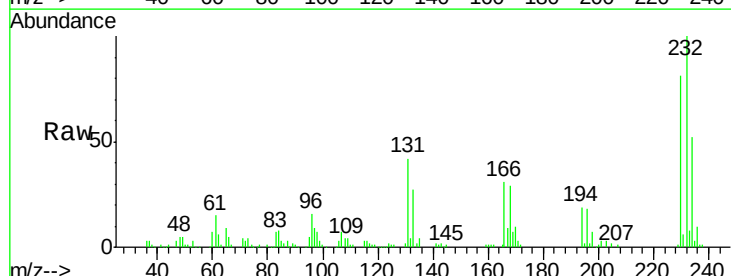
Instrument :
 BNA_F
 ClientSampleId :

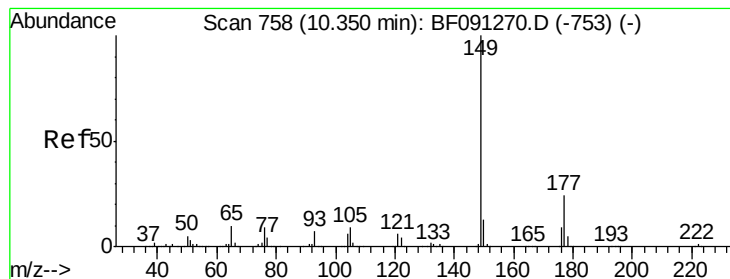
Tot Ion:166 Resp: 371275
 Ion Ratio Lower Upper
 166 100
 165 99.9 80.0 120.0
 167 13.7 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 12.12 ng
 RT: 10.24 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion:232 Resp: 91967
 Ion Ratio Lower Upper
 232 100
 131 45.4 38.4 57.6
 130 2.0 1.8 2.8
 166 31.5 23.9 35.9





#59

Diethylphthalate

Concen: 11.73 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

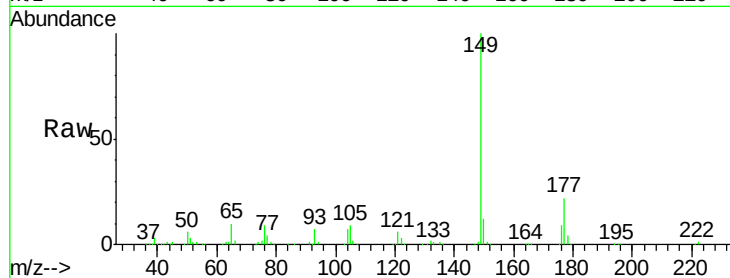
Tot Ion:149 Resp: 380277

Ion Ratio Lower Upper

149 100

177 22.3 15.7 23.5

150 11.9 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

10.34

400000

300000

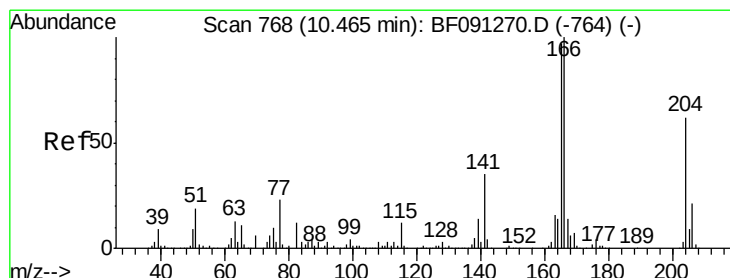
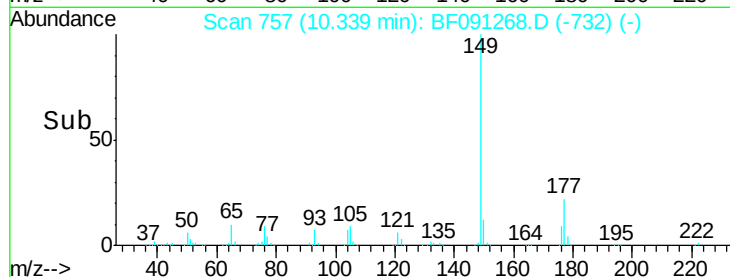
200000

100000

0

10.30 10.35

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 11.57 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

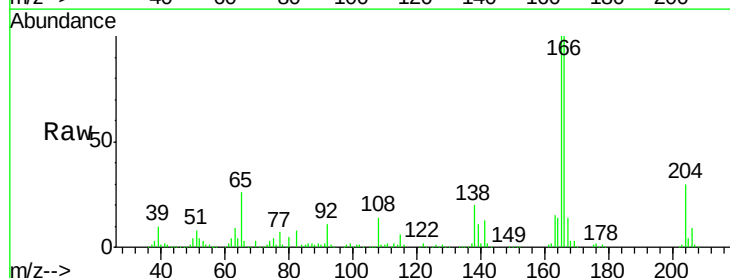
Tgt Ion:204 Resp: 162603

Ion Ratio Lower Upper

204 100

206 31.7 26.1 39.1

141 44.6 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

10.46

150000

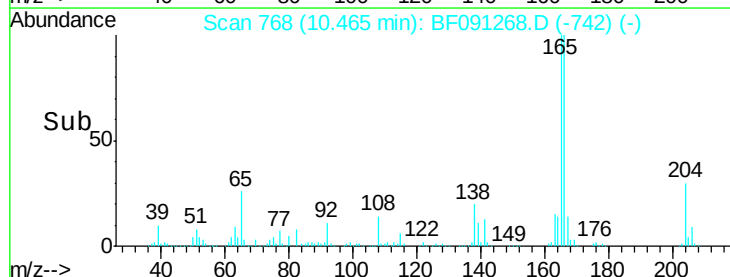
100000

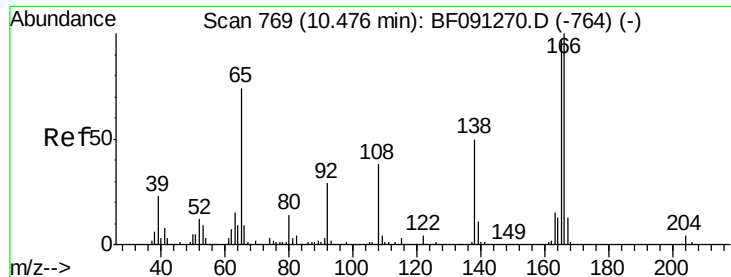
50000

0

10.40 10.45 10.50

Time-->

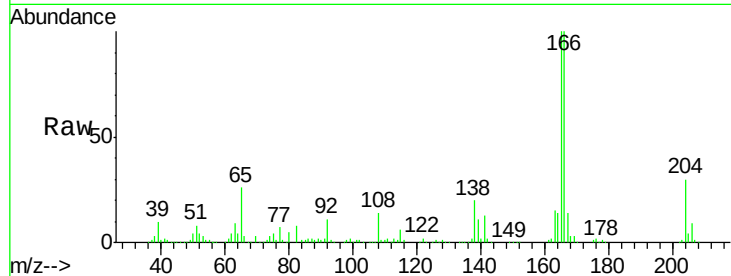




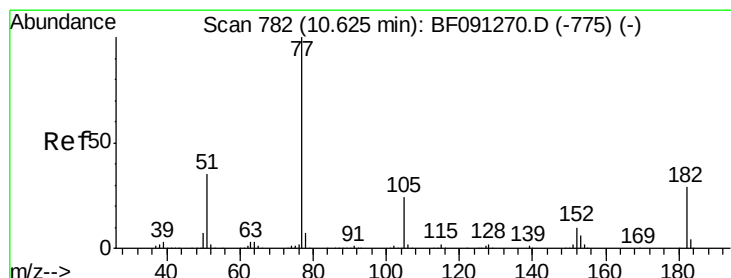
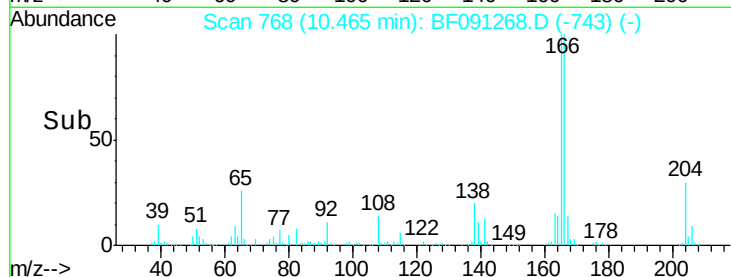
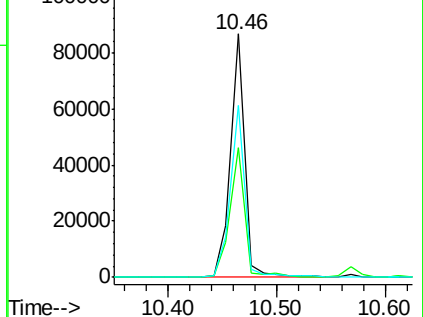
#61
4-Nitroaniline
Concen: 9.97 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 78546
Ion Ratio Lower Upper
138 100
92 53.0 26.9 66.9
108 70.7 49.1 89.1



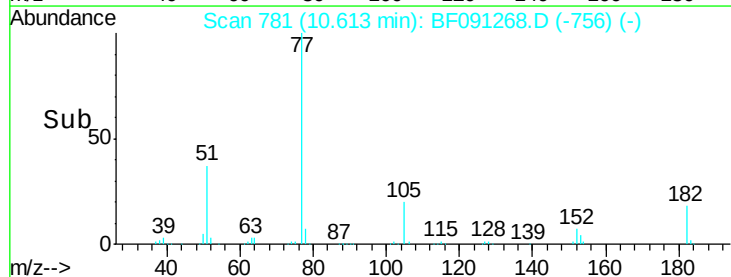
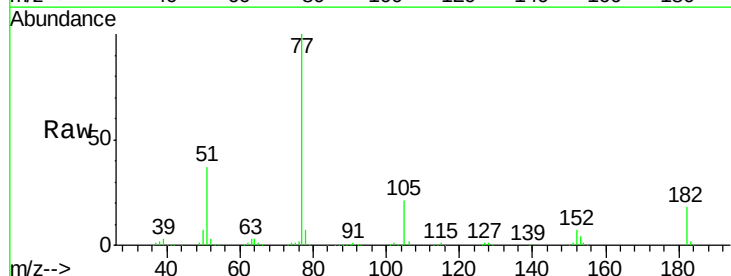
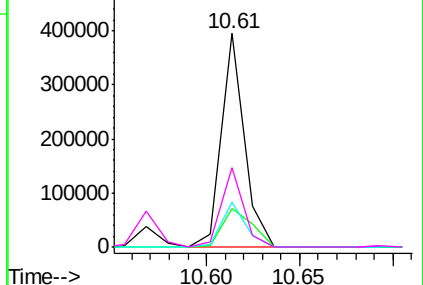
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

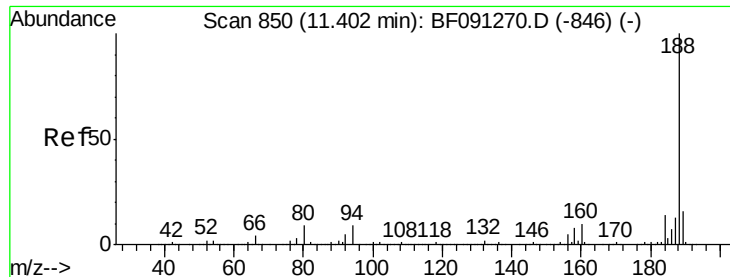


#62
Azobenzene
Concen: 8.85 ng
RT: 10.61 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion: 77 Resp: 341447
Ion Ratio Lower Upper
77 100
182 18.3 12.5 52.5
105 21.2 3.7 43.7
51 37.1 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

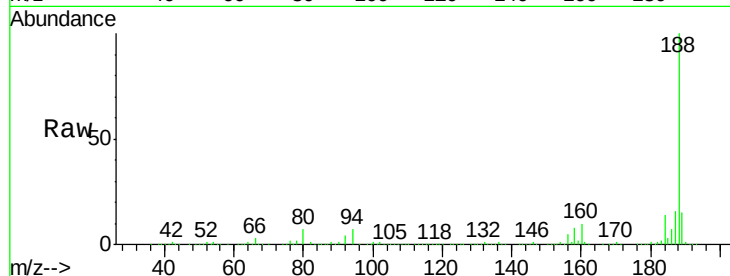




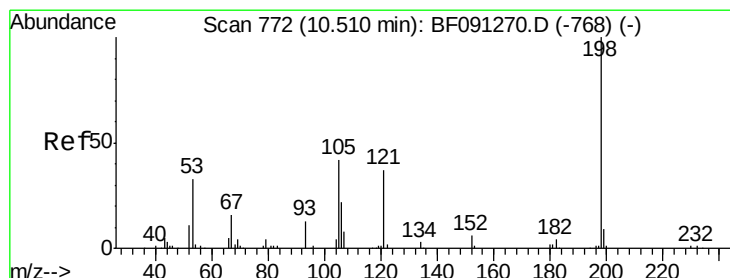
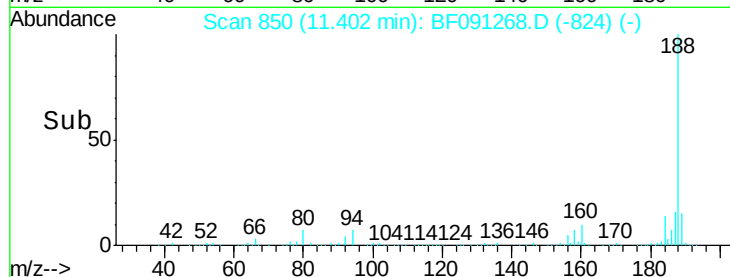
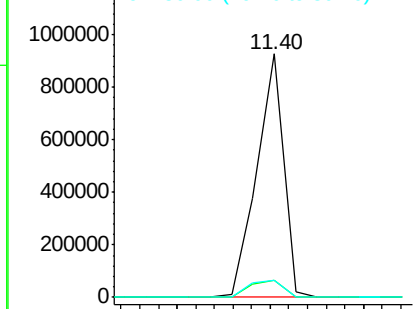
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 917870
Ion Ratio Lower Upper
188 100
94 7.0 9.2 13.8#
80 7.1 10.5 15.7#

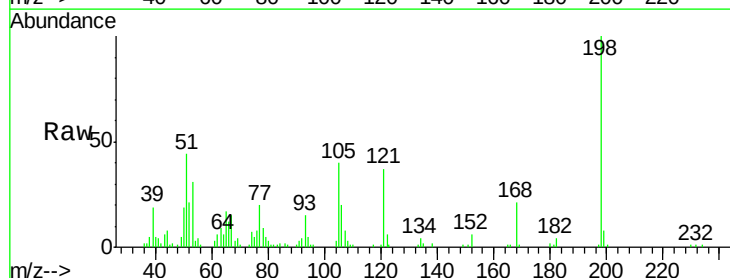


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

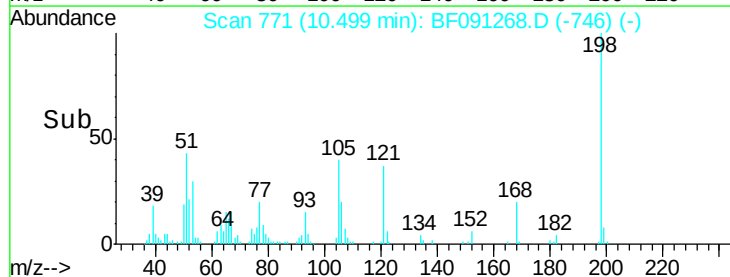
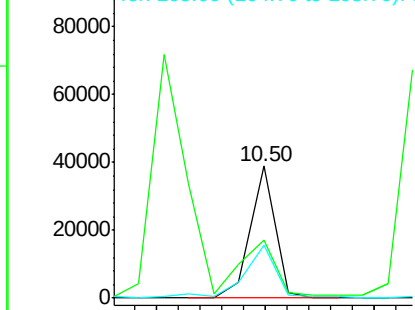


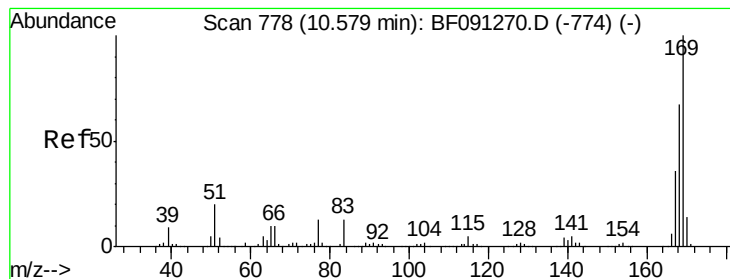
#64
4,6-Dinitro-2-methylphenol
Concen: 5.30 ng
RT: 10.50 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion:198 Resp: 31030
Ion Ratio Lower Upper
198 100
51 44.1 77.1 117.1#
105 40.5 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

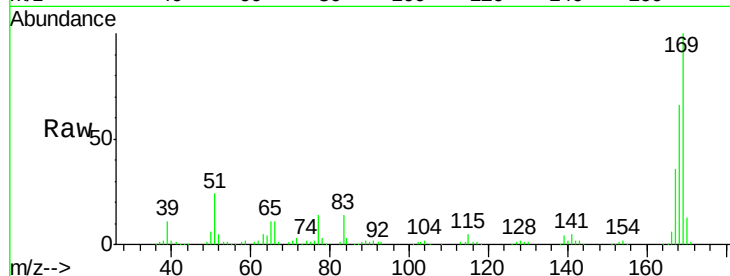




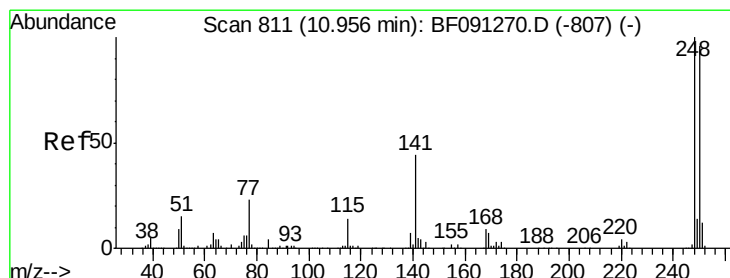
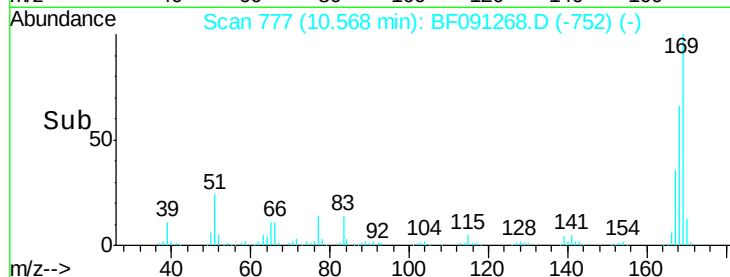
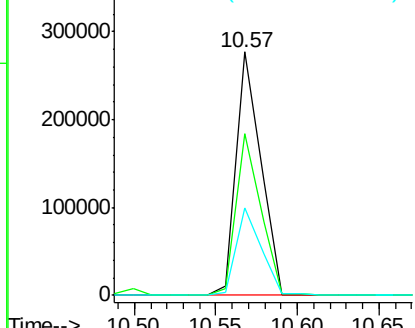
#65
 n-Nitrosodiphenylamine
 Concen: 10.40 ng
 RT: 10.57 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.8	80.8
167	35.7	29.8	44.8

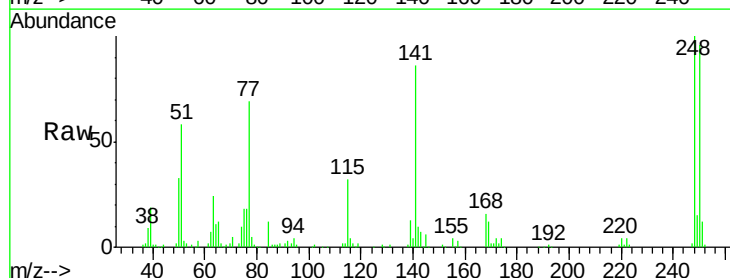


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

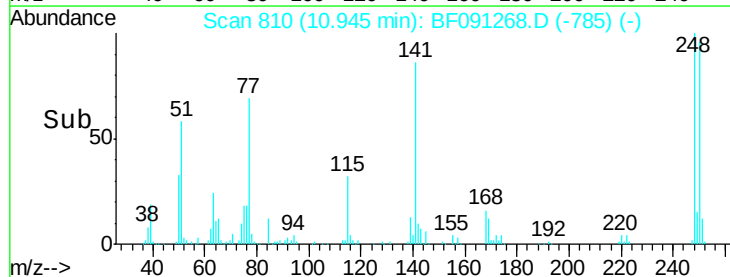
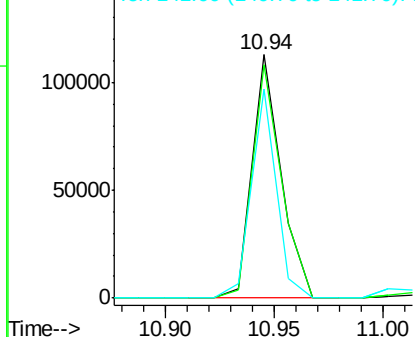


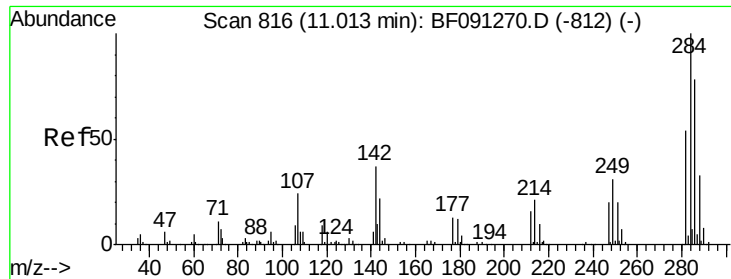
#66
 4-Bromophenyl-phenylether
 Concen: 10.88 ng
 RT: 10.94 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.2	117.4
141	85.9	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

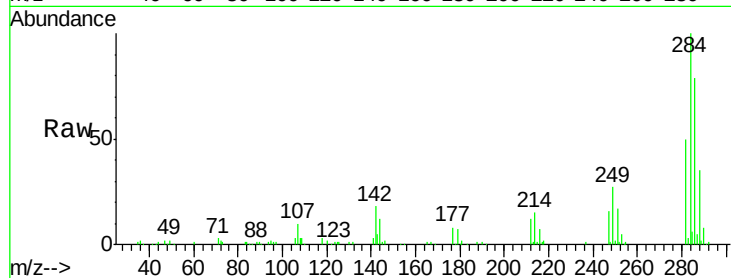




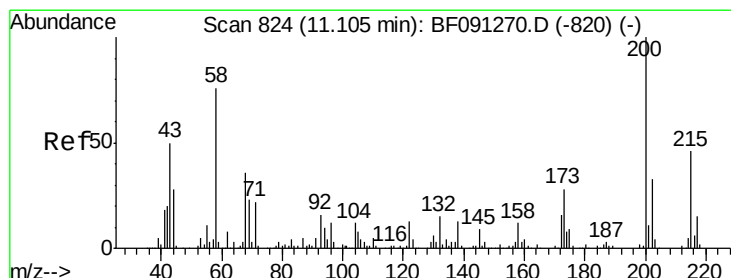
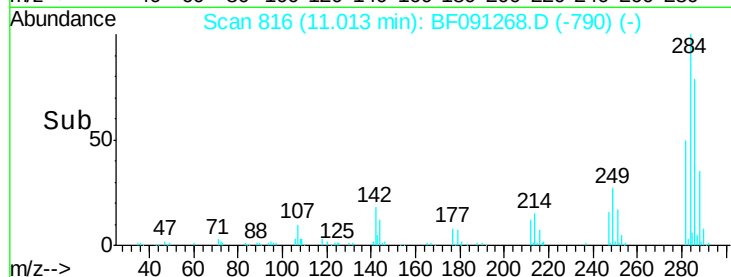
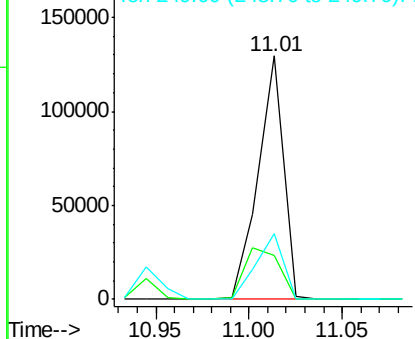
#67
Hexachlorobenzene
Concen: 11.60 ng
RT: 11.01 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 121419
Ion Ratio Lower Upper
284 100
142 17.9 17.9 26.9#
249 27.1 23.6 35.4

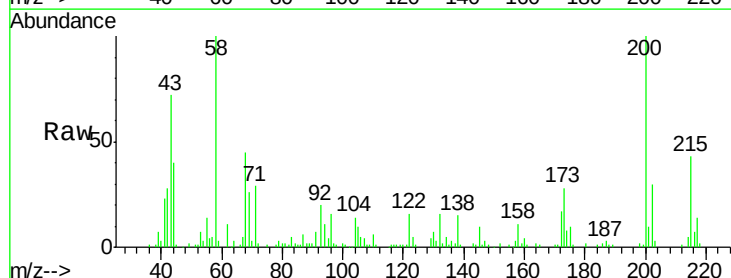


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

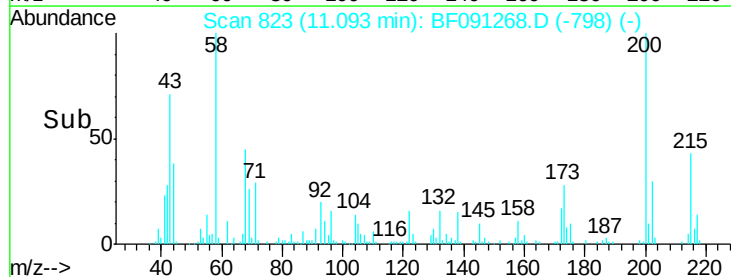
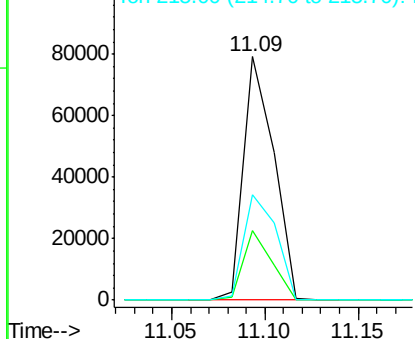


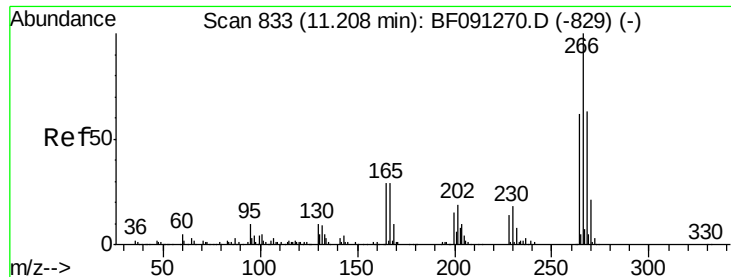
#68
Atrazine
Concen: 8.35 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion:200 Resp: 89519
Ion Ratio Lower Upper
200 100
173 28.4 7.8 47.8
215 43.3 24.3 64.3



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

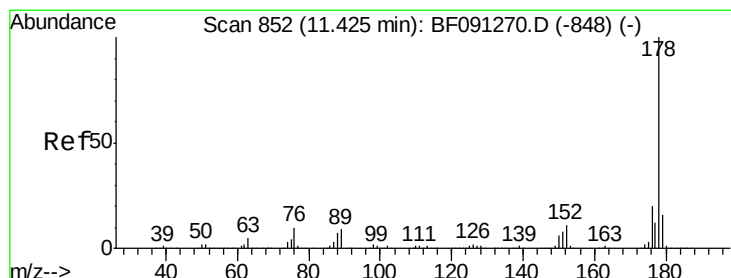
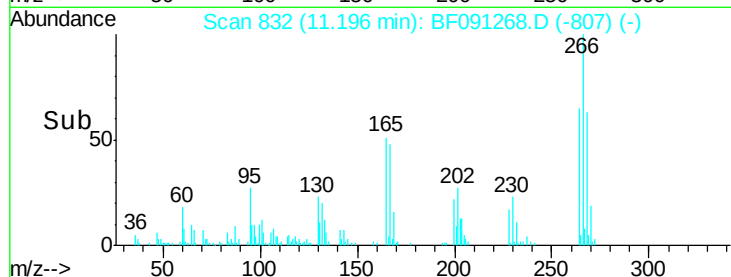
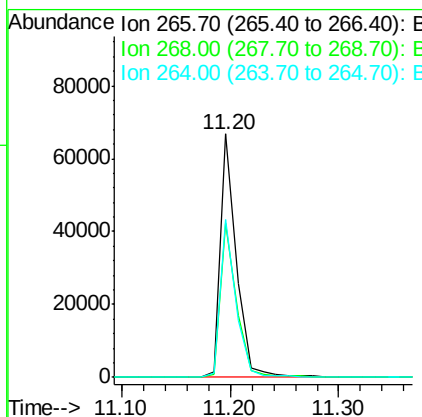
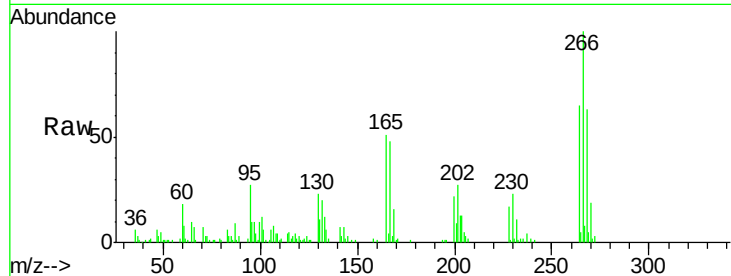




#69
 Pentachlorophenol
 Concen: 16.61 ng
 RT: 11.20 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

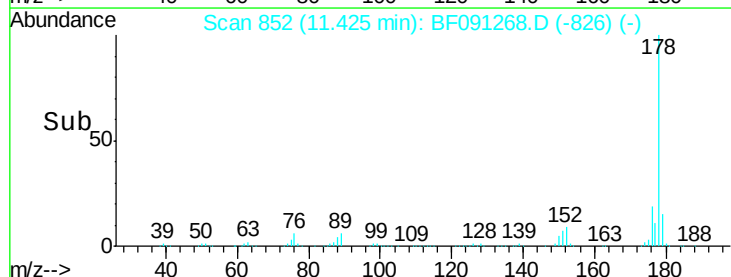
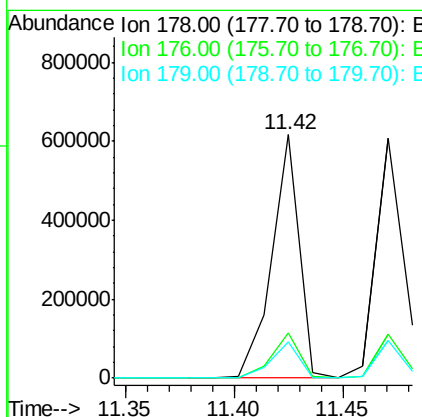
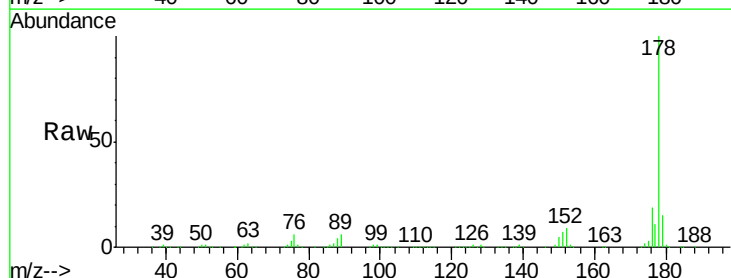
Instrument :
 BNA_F
 ClientSampleId :

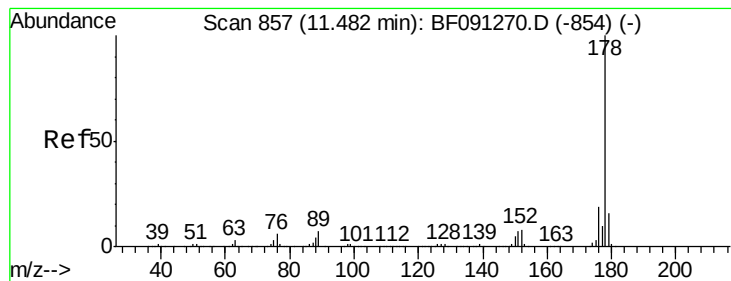
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.3	75.5
264	64.9	48.2	72.2



#70
 Phenanthrene
 Concen: 11.28 ng
 RT: 11.42 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.1	12.6	18.8





#71

Anthracene

Concen: 11.02 ng

RT: 11.47 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampled :

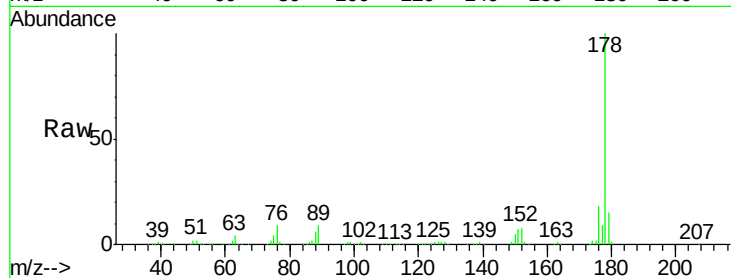
Tot Ion:178 Resp: 529849

Ion Ratio Lower Upper

178 100

176 18.2 15.8 23.6

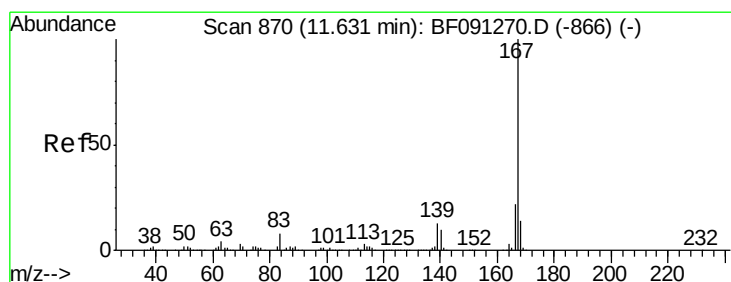
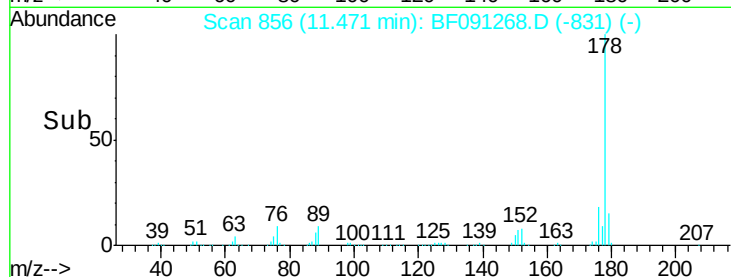
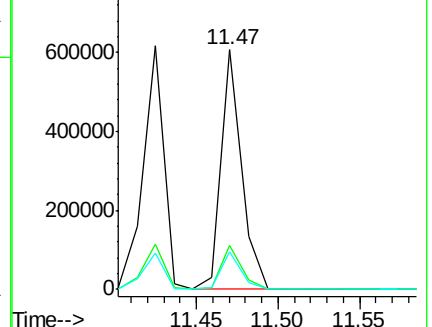
179 15.4 12.7 19.1



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: 10.67 ng

RT: 11.62 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

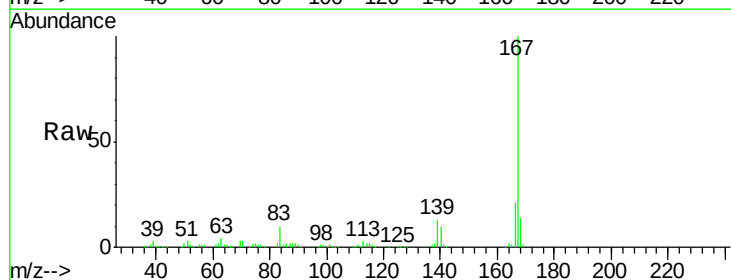
Tgt Ion:167 Resp: 470082

Ion Ratio Lower Upper

167 100

166 21.3 18.1 27.1

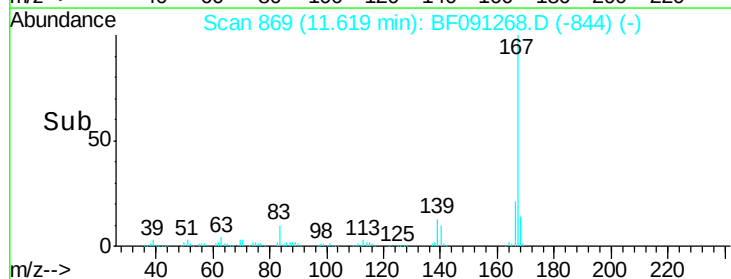
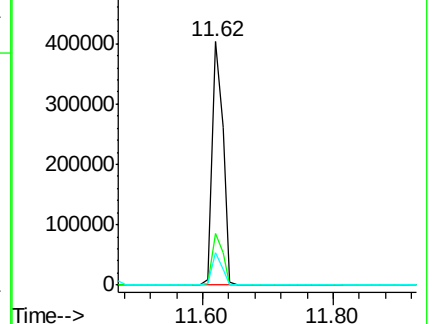
139 13.3 11.5 17.3

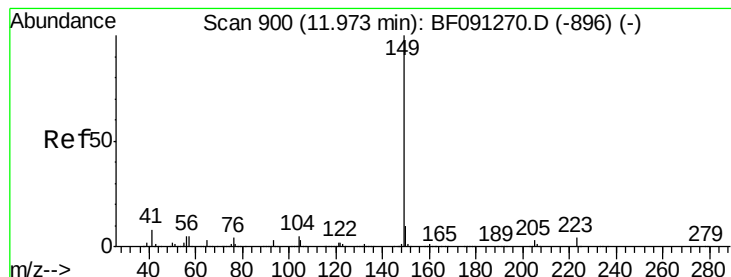


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 10.14 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

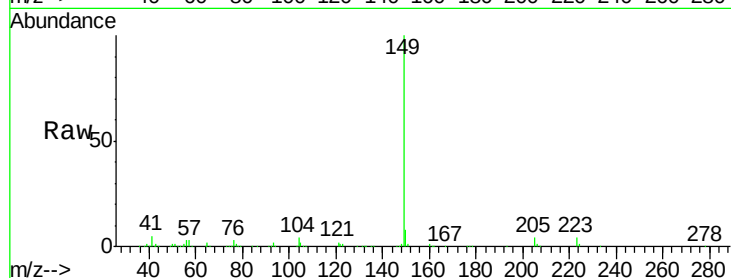
Tot Ion:149 Resp: 531273

Ion Ratio Lower Upper

149 100

150 8.5 7.5 11.3

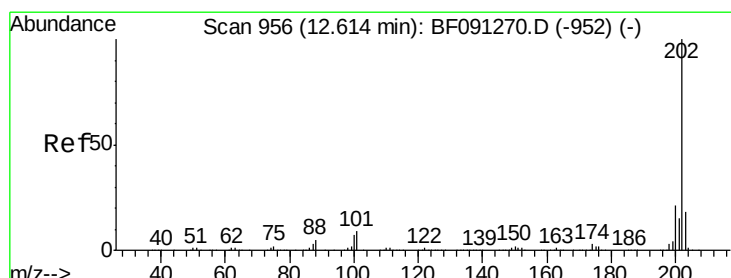
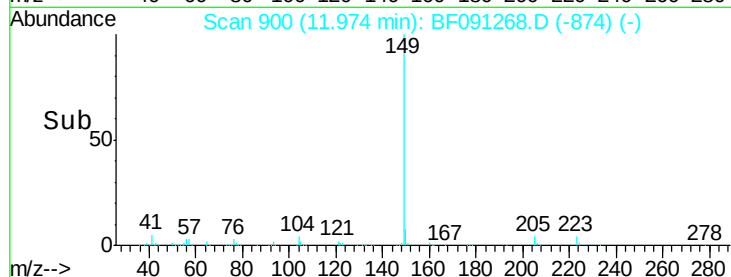
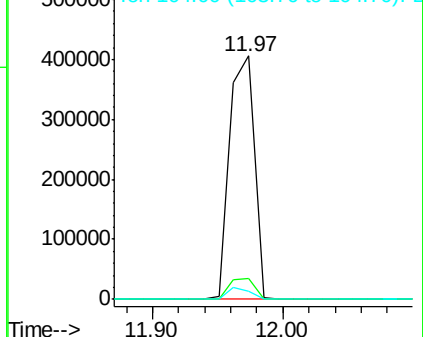
104 3.6 4.0 6.0#



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: 10.10 ng

RT: 12.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

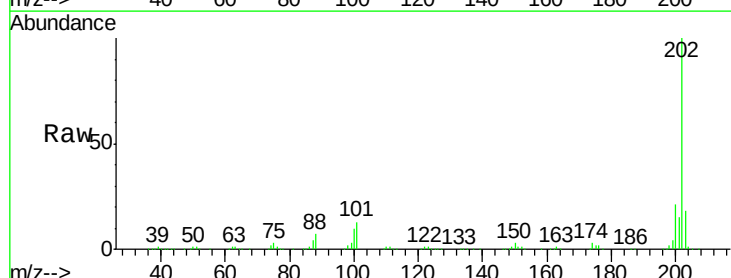
Tgt Ion:202 Resp: 530870

Ion Ratio Lower Upper

202 100

101 13.0 0.0 29.5

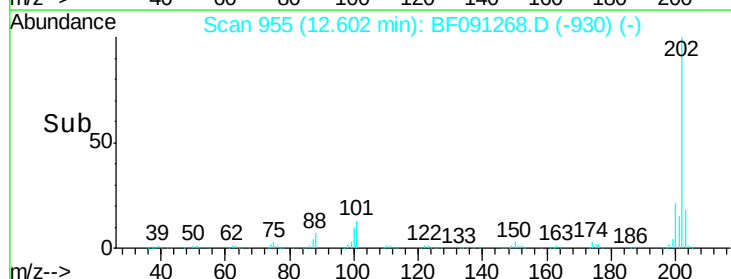
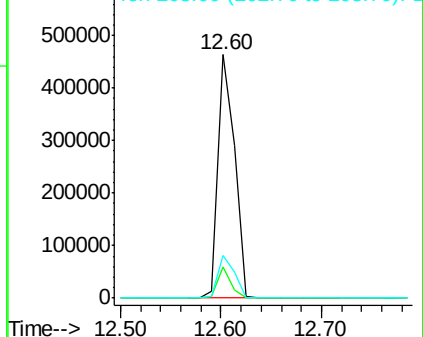
203 17.7 0.0 37.8

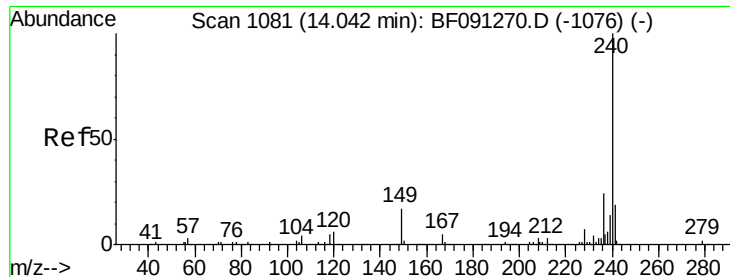


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampled :

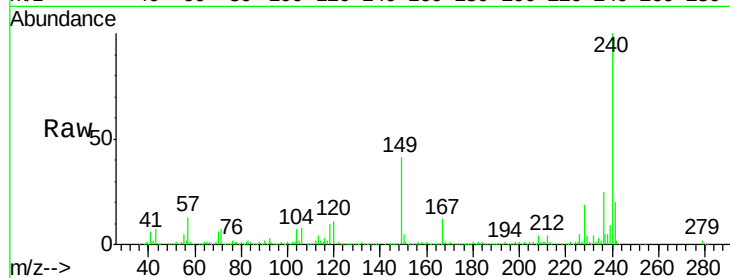
Tot Ion:240 Resp: 741560

Ion Ratio Lower Upper

240 100

120 11.3 12.1 18.1#

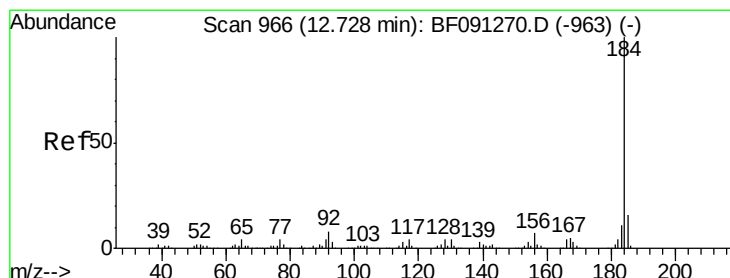
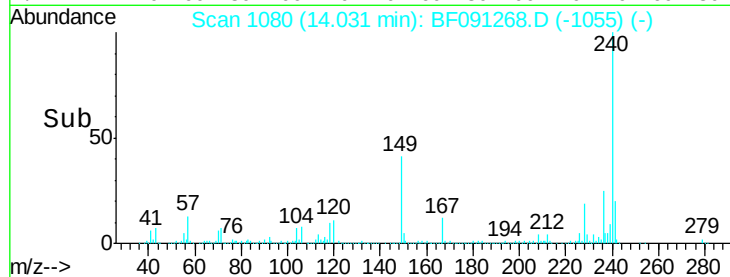
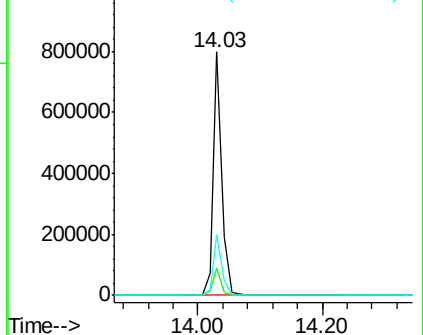
236 24.7 21.0 31.6



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: 9.26 ng

RT: 12.73 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

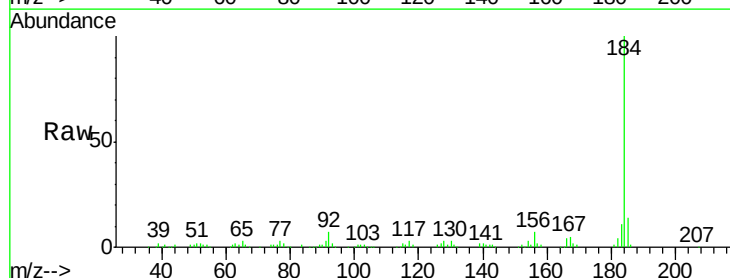
Tgt Ion:184 Resp: 154255

Ion Ratio Lower Upper

184 100

185 13.6 13.1 19.7

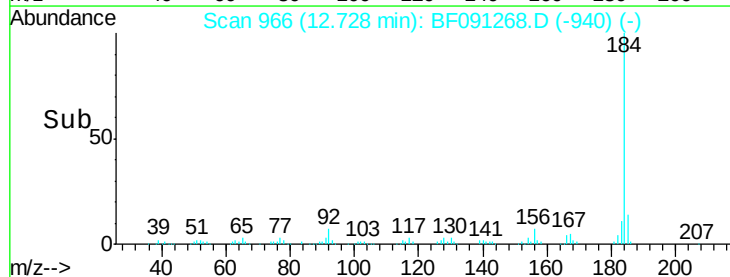
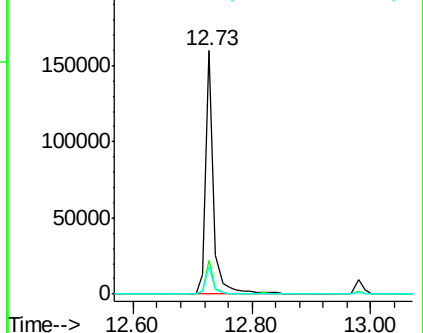
183 11.2 8.9 13.3

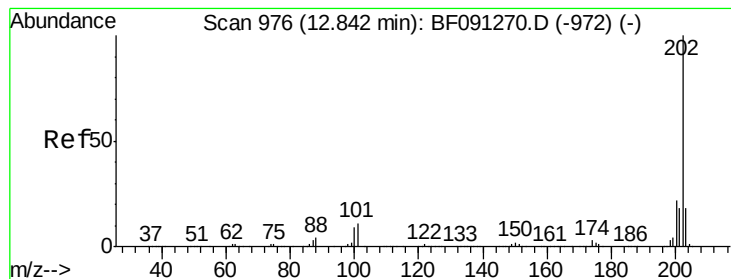


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 9.61 ng

RT: 12.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

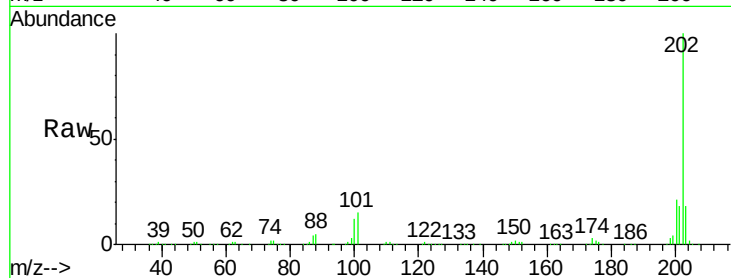
Tot Ion:202 Resp: 546699

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

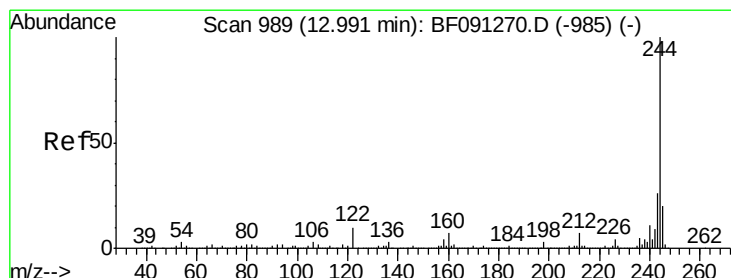
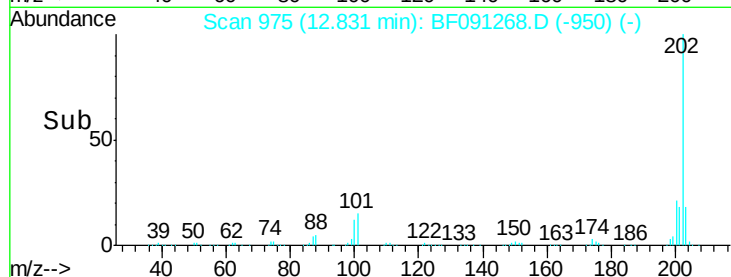
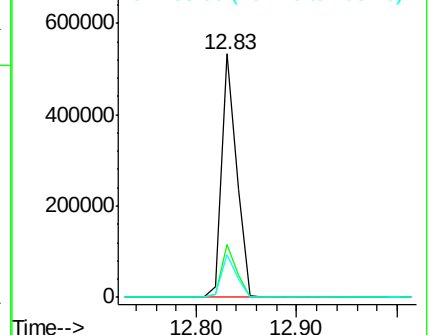
203 17.7 14.0 21.0



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: 20.62 ng

RT: 12.98 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

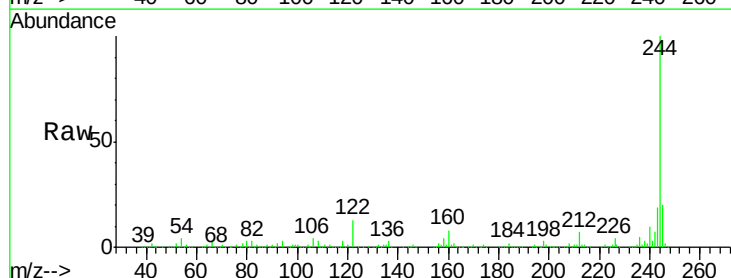
Tgt Ion:244 Resp: 674406

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

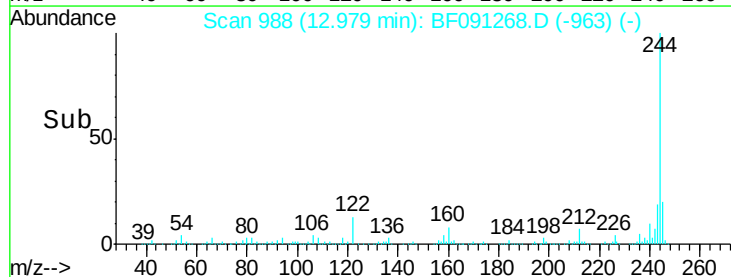
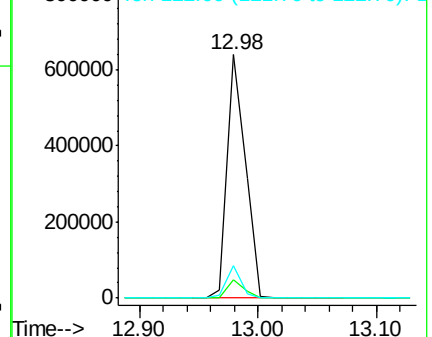
122 13.2 9.5 14.3

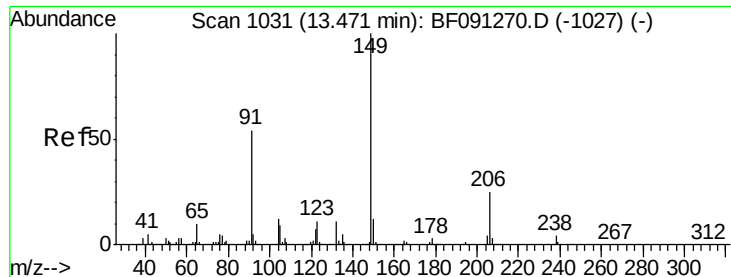


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

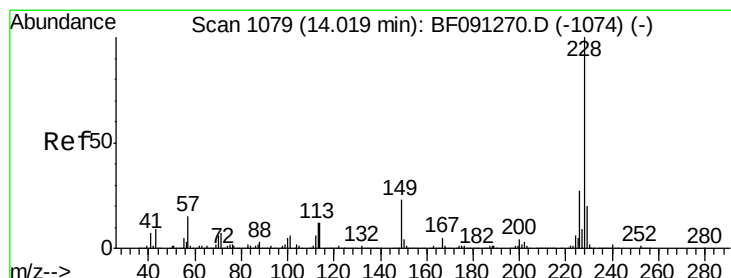
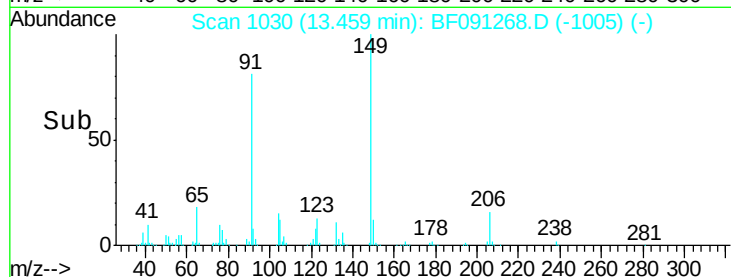
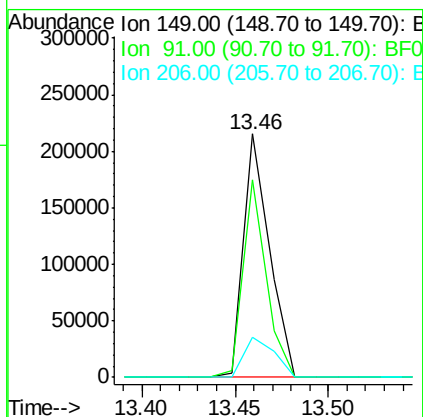
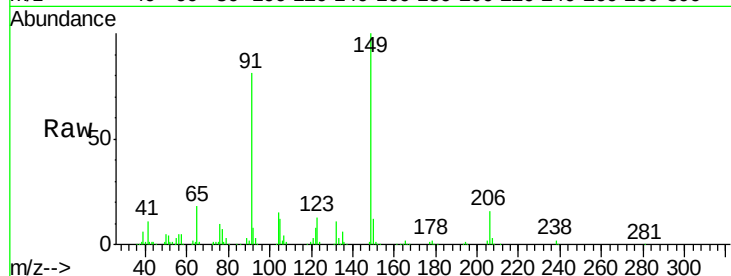




#79
Butylbenzylphthalate
Concen: 8.82 ng
RT: 13.46 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

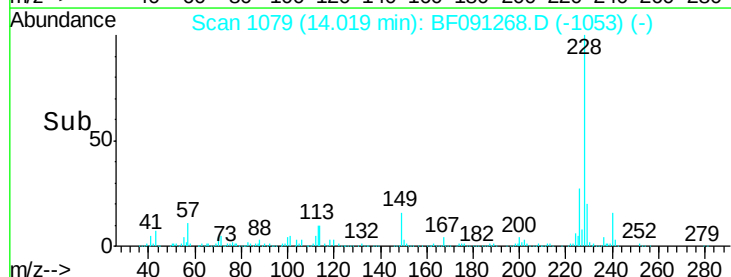
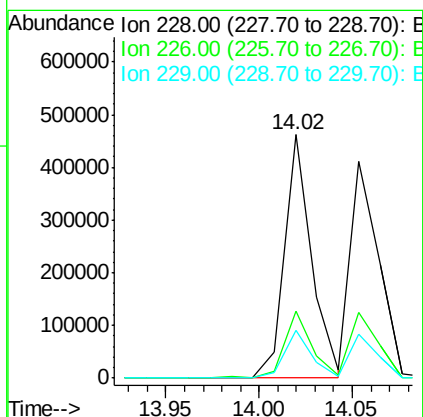
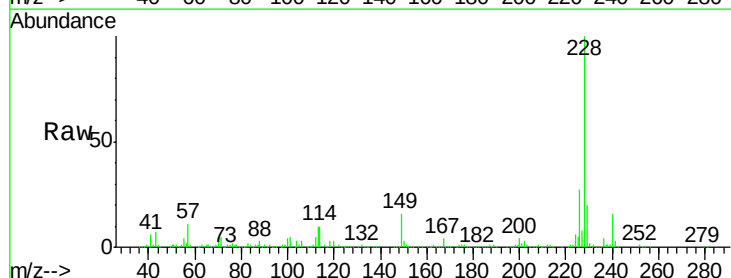
Instrument :
BNA_F
ClientSampleId :

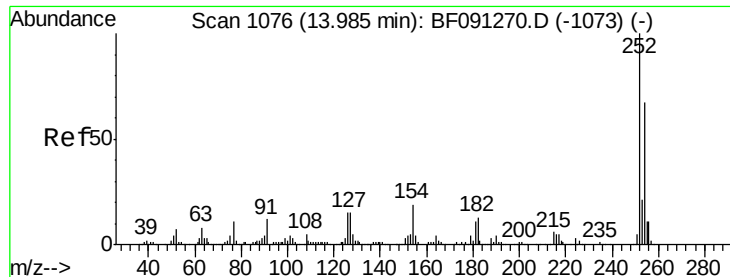
Tot Ion	Ratio	Lower	Upper
149	100		
91	81.0	57.4	86.2
206	16.4	15.4	23.2



#80
Benzo(a)anthracene
Concen: 10.40 ng
RT: 14.02 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF091268.D
Acq: 23 Nov 2016 9:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.5	33.7
229	19.7	16.4	24.6

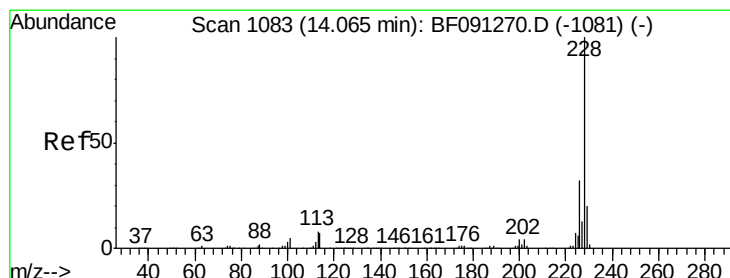
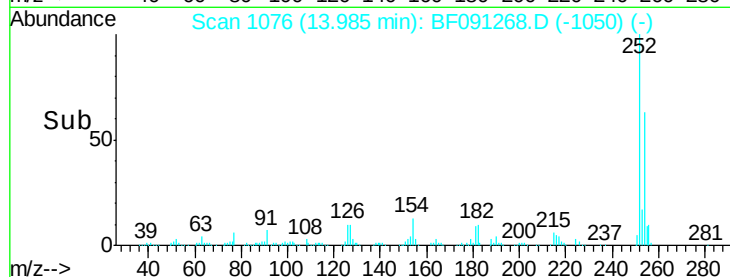
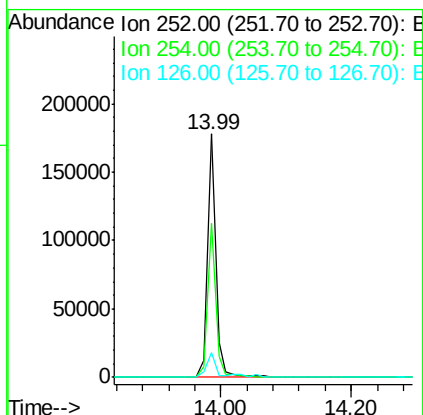
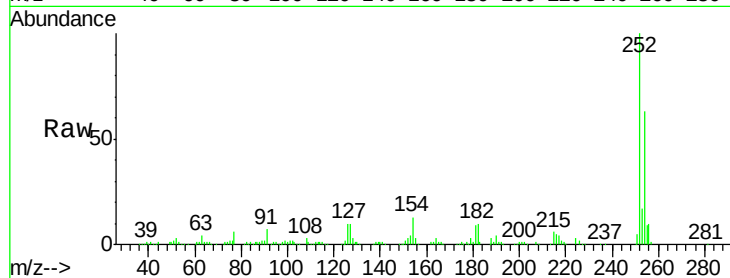




#81
 3,3'-Dichlorobenzidine
 Concen: 10.18 ng
 RT: 13.99 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

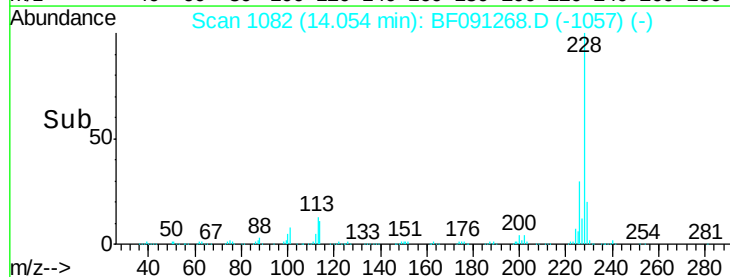
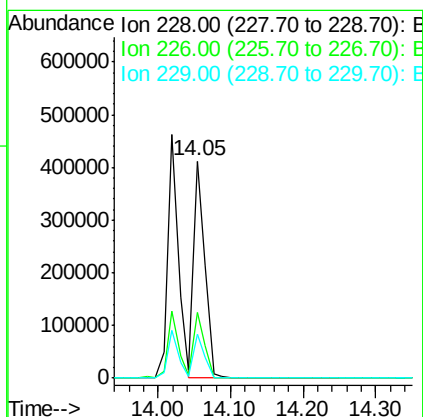
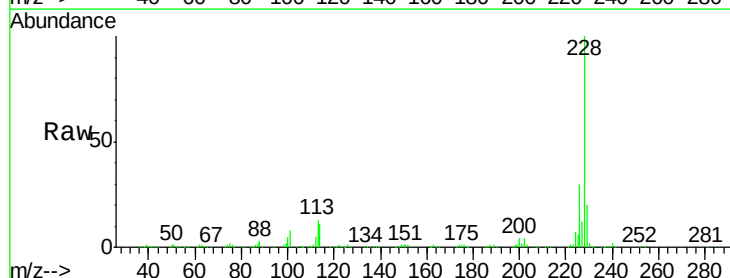
Instrument :
 BNA_F
 ClientSampleId :

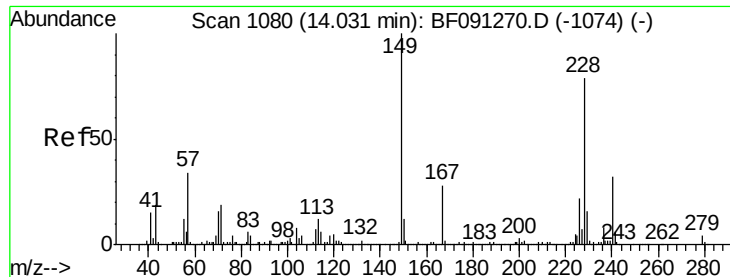
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.1	78.1
126	10.0	7.5	11.3



#82
 Chrysene
 Concen: 9.60 ng
 RT: 14.05 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	20.0	16.0	24.0

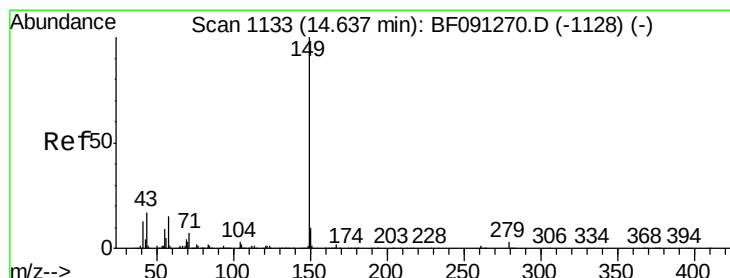
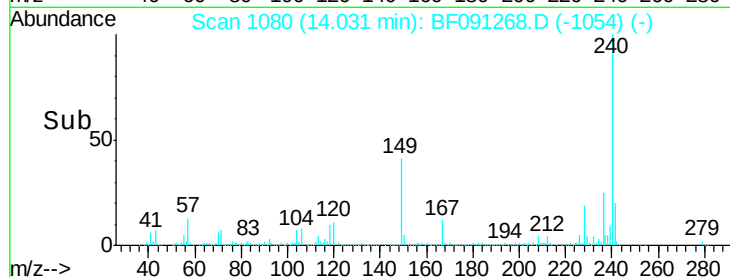
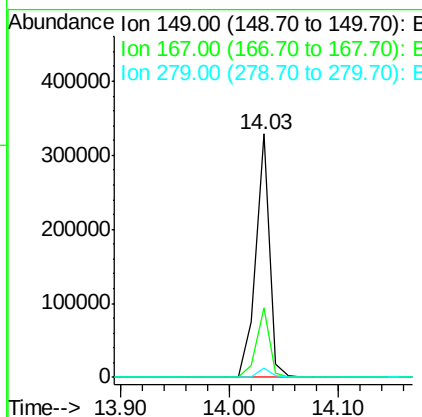
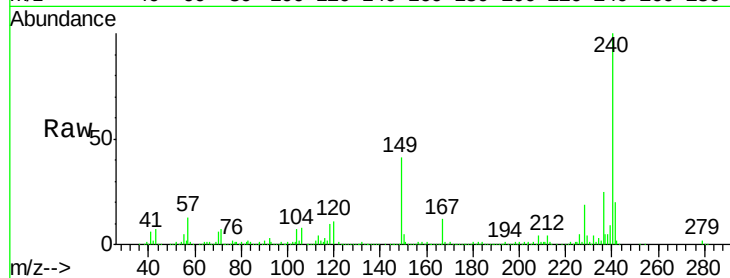




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.68 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

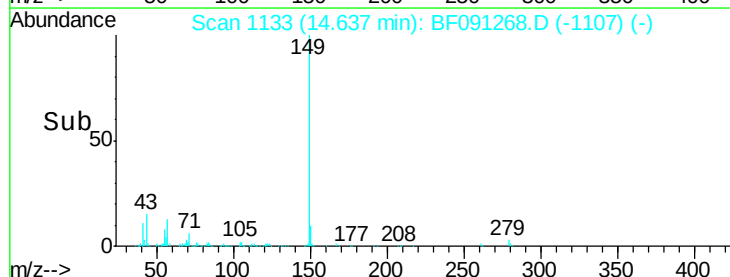
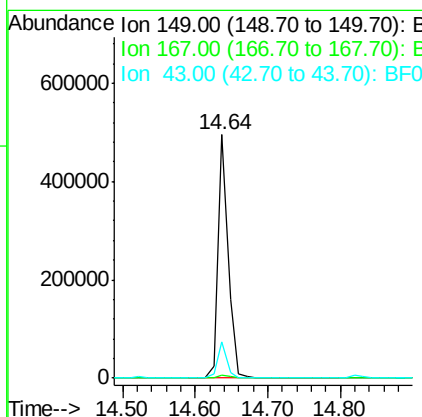
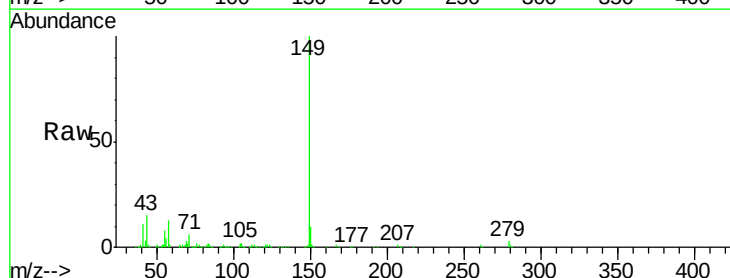
Instrument :
 BNA_F
 ClientSampleId :

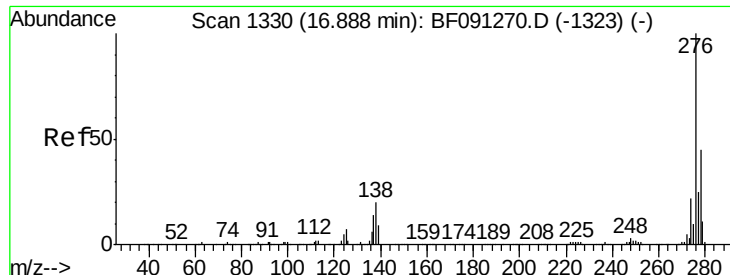
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.5	19.6	29.4
279	4.1	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 9.03 ng
 RT: 14.64 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	13.7	11.9	17.9

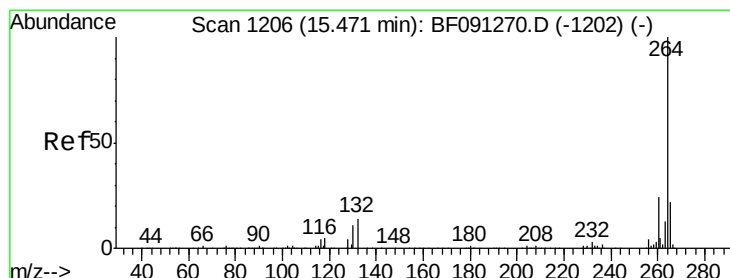
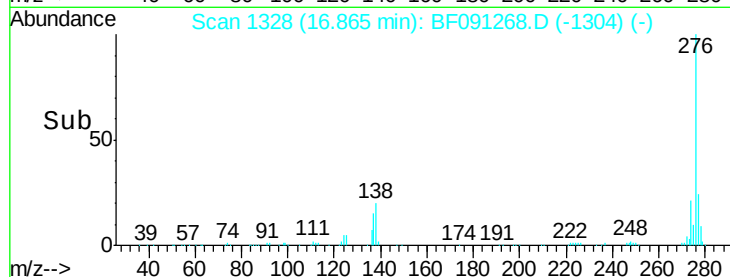
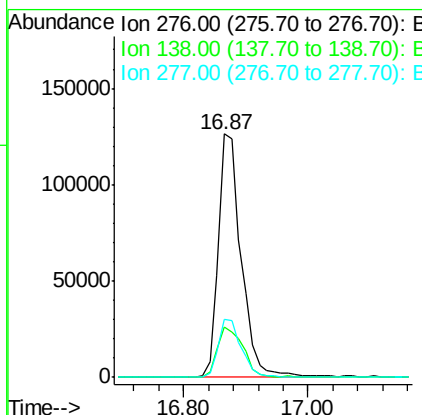
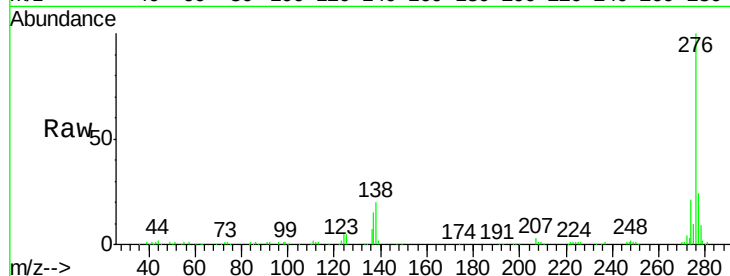




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.71 ng
 RT: 16.87 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

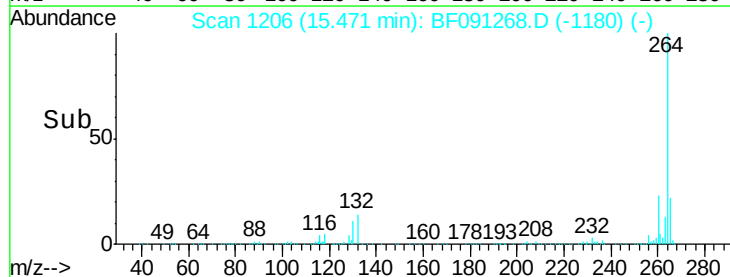
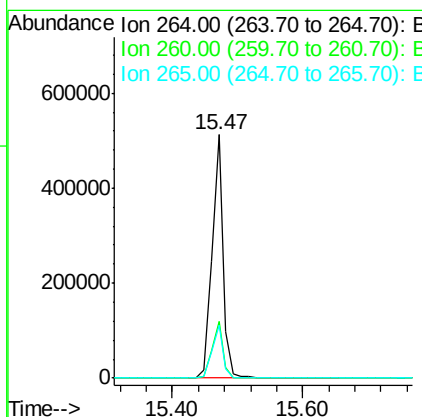
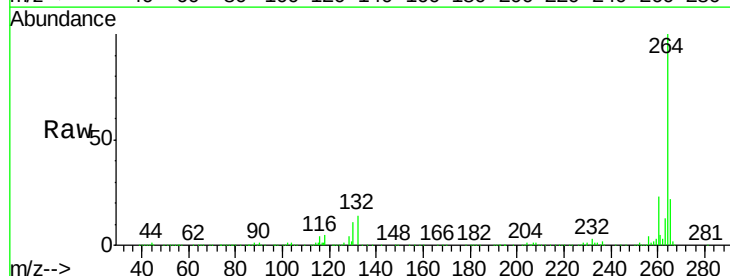
Instrument :
 BNA_F
 ClientSampleId :

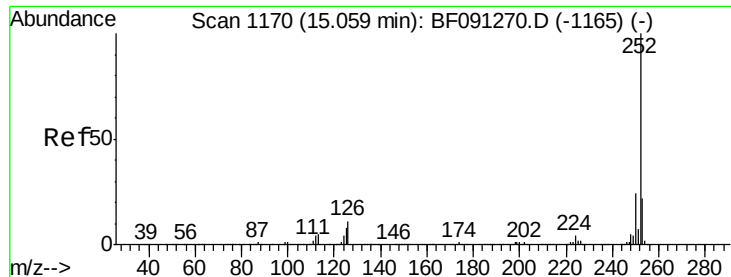
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.0	31.4
277	24.1	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091268.D
 Acq: 23 Nov 2016 9:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.9	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 21.41 ng

RT: 15.08 min Scan# 1172

Delta R.T. 0.02 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampled :

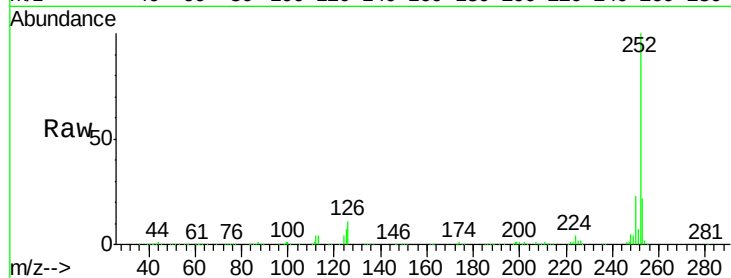
Tot Ion:252 Resp: 796299

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

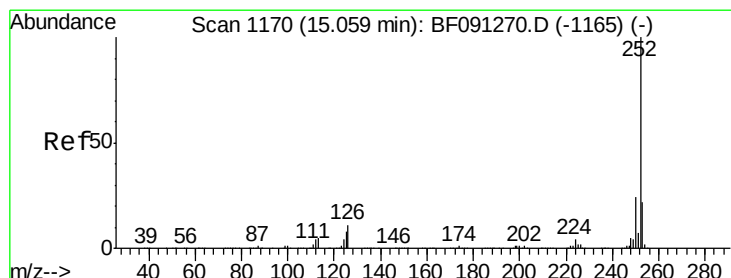
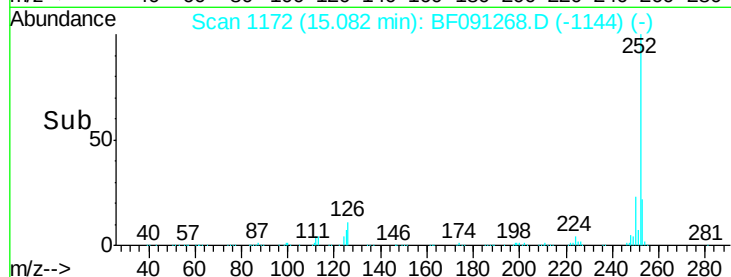
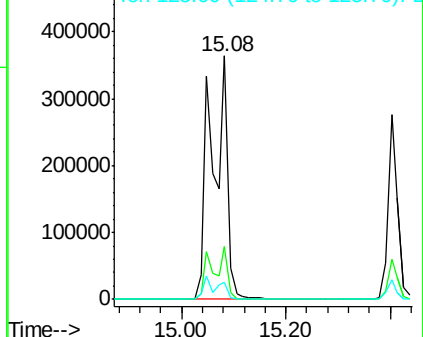
125 7.1 8.6 13.0#



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: 21.20 ng

RT: 15.08 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

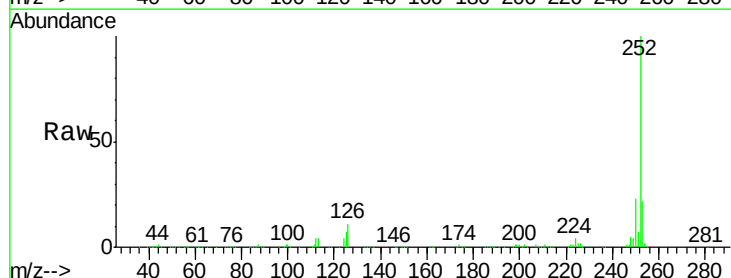
Tgt Ion:252 Resp: 796743

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

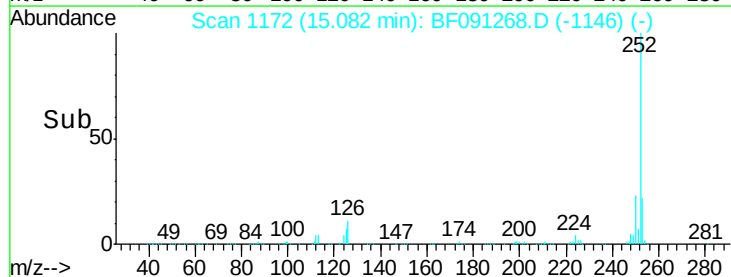
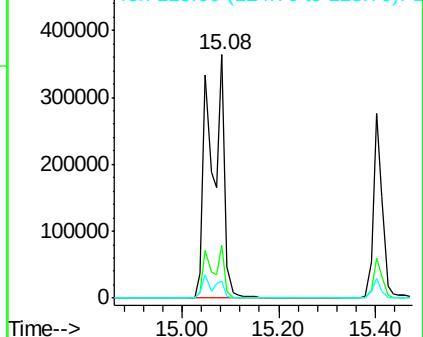
125 7.1 9.6 14.4#

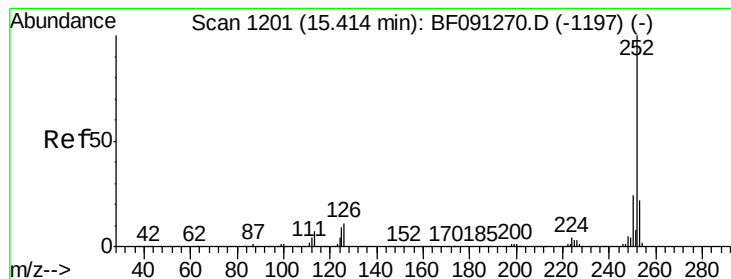


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.58 ng

RT: 15.40 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :

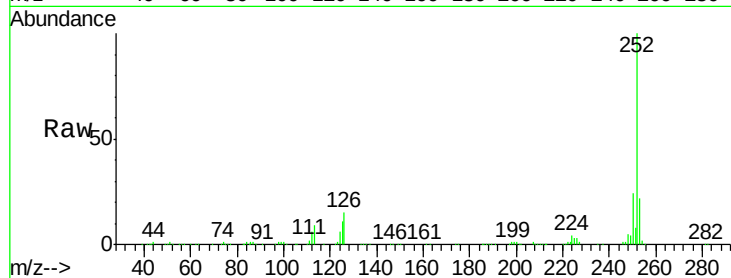
Tot Ion:252 Resp: 361052

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

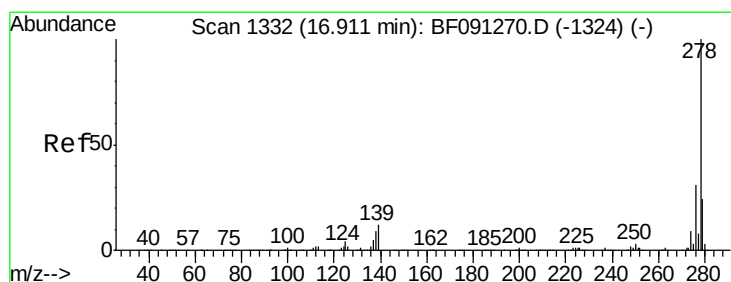
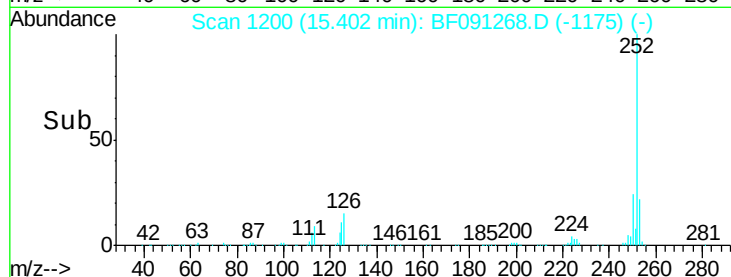
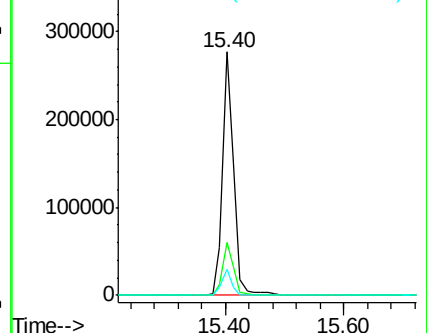
125 10.5 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 10.20 ng

RT: 16.90 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

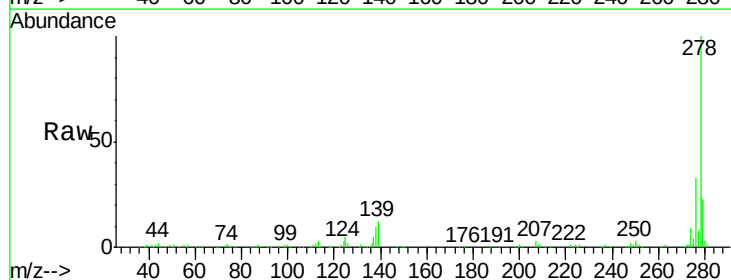
Tgt Ion:278 Resp: 286746

Ion Ratio Lower Upper

278 100

139 11.8 15.1 22.7#

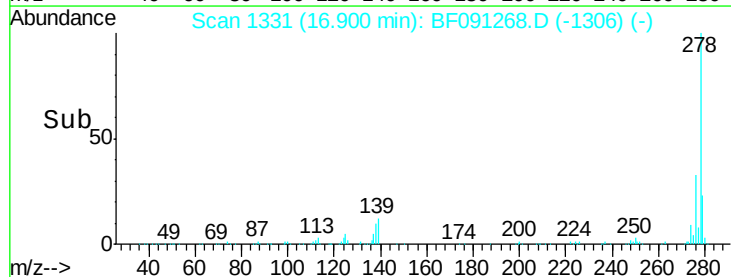
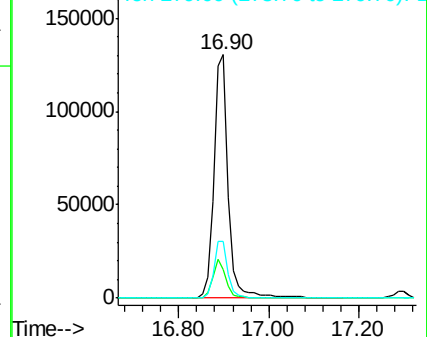
279 23.5 19.0 28.6

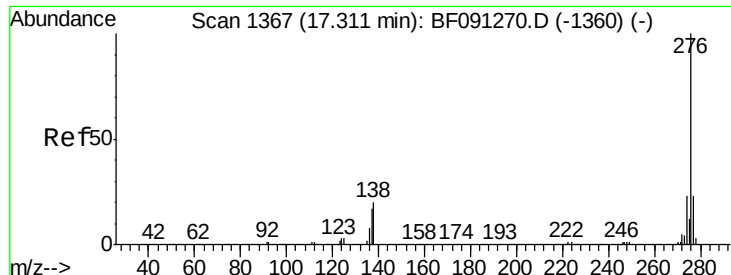


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 9.62 ng

RT: 17.30 min Scan# 1366

Delta R.T. -0.01 min

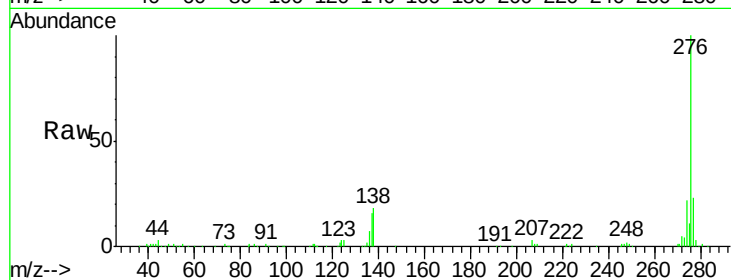
Lab File: BF091268.D

Acq: 23 Nov 2016 9:56

Instrument :

BNA_F

ClientSampleId :



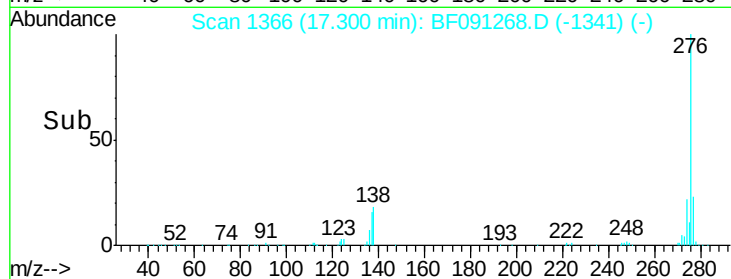
Tot Ion: 276 Resp: 276499

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 17.8 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

