

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091888.D
 Acq On : 22 Dec 2016 16:14
 Operator : UM/SJ
 Sample : H6182-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(0-1)-121916

Quant Time: Dec 23 00:37:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	361431	20.00	ng	0.18
21) Naphthalene-d8	8.40	136	117116	20.00	ng	0.35
38) Acenaphthene-d10	10.19	164	32174	20.00	ng	0.40
63) Phenanthrene-d10	11.70	188	3605	20.00	ng	0.43
75) Chrysene-d12	14.42	240	7379	20.00	ng	0.51
86) Perylene-d12	15.83	264	1811	20.00	ng	0.53
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2226105	102.84	ng	0.07
7) Phenol-d6	6.46	99	1899083	71.86	ng	0.06
23) Nitrobenzene-d5	7.79	82	4726815	2244.26	ng	0.47
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.72	172	115100	71.21	ng	0.61
78) Terphenyl-d14	13.32	244	1073	3.53	ng	0.47
Target Compounds						
9) Benzaldehyde	6.44	77	132791	6.62	ng	# 4
15) Benzyl Alcohol	7.12	79	41226	2.01	ng	# 32
18) Hexachloroethane	7.36	117	2992272	301.68	ng	# 14
19) n-Nitroso-di-n-propylamine	7.31	70	345337	19.64	ng	# 65
20) 3+4-Methylphenols	7.44	107	49772	2.11	ng	# 1
22) Acetophenone	7.50	105	1129543	391.02	ng	# 23
24) Nitrobenzene	7.63	77	425528	189.69	ng	# 29
25) Isophorone	7.96	82	243886	62.76	ng	# 1
26) 2-Nitrophenol	7.84	139	304857	275.58	ng	# 1
27) 2,4-Dimethylphenol	8.04	122	147619	80.45	ng	# 1
28) bis(2-Chloroethoxy)methane	8.04	93	102950	43.69	ng	# 1
29) 2,4-Dichlorophenol	8.20	162	65022	41.85	ng	# 1
30) 1,2,4-Trichlorobenzene	8.29	180	43774	25.71	ng	# 1
31) Naphthalene	8.37	128	68293	12.74	ng	# 1
32) Benzoic acid	8.34	122	96579	70.97	ng	# 1
33) 4-Chloroaniline	8.50	127	29152	12.06	ng	# 1
35) Caprolactam	8.88	113	235591	461.43	ng	# 1
36) 4-Chloro-3-methylphenol	9.05	107	156505	87.54	ng	# 37
37) 2-Methylnaphthalene	8.99	142	2882140	Below Cal		# 84
42) 2,4,6-Trichlorophenol	9.41	196	70383	123.81	ng	# 15
43) 2,4,5-Trichlorophenol	9.41	196	70383	120.30	ng	# 1
45) 1,1'-Biphenyl	9.58	154	221977	100.76	ng	# 1
46) 2-Chloronaphthalene	9.62	162	80483	46.13	ng	# 1
47) 2-Nitroaniline	9.70	65	142360	229.18	ng	# 61
48) Acenaphthylene	10.08	152	253374	94.43	ng	# 1
49) Dimethylphthalate	9.88	163	67599	32.85	ng	# 1
50) 2,6-Dinitrotoluene	9.98	165	39913	88.62	ng	# 69
51) Acenaphthene	10.26	154	257734	141.69	ng	# 72
52) 3-Nitroaniline	10.14	138	34349	61.62	ng	# 44
53) 2,4-Dinitrophenol	10.37	184	89754	358.14	ng	# 96
54) Dibenzofuran	10.41	168	49593	20.19	ng	# 1
55) 4-Nitrophenol	10.33	139	29616	78.25	ng	# 1
56) 2,4-Dinitrotoluene	10.40	165	557055	985.39	ng	# 29
57) Fluorene	10.78	166	59512	33.30	ng	# 2

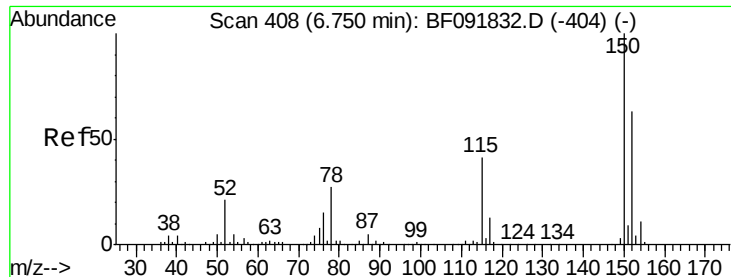
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2,3,4,6-Tetrachlorophenol	10.56	232	15000	32.42	ng	# 1
59) Diethylphthalate	10.56	149	24351	12.18	ng	# 21
60) 4-Chlorophenyl-phenylether	10.76	204	10341	13.21	ng	# 1
61) 4-Nitroaniline	10.76	138	22421	38.82	ng	# 21
62) Azobenzene	10.81	77	99534	45.24	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.81	198	76463	3507.60	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	841965	7870.85	ng	# 41
66) 4-Bromophenyl-phenylether	11.16	248	972	25.92	ng	# 1
67) Hexachlorobenzene	11.49	284	250	6.24	ng	# 1
68) Atrazine	11.42	200	12723	368.71	ng	# 1
69) Pentachlorophenol	11.52	266	2851	144.96	ng	# 34
70) Phenanthrene	11.70	178	14550	74.43	ng	# 1
71) Anthracene	11.80	178	37507	Below Cal	ng	# 1
72) Carbazole	11.97	167	9707	Below Cal	ng	# 1
73) Di-n-butylphthalate	12.36	149	7890	42.36	ng	# 1
74) Fluoranthene	12.72	202	107170	678.77	ng	# 93
76) Benzidine	13.06	184	1789	6.21	ng	# 1
77) Pyrene	13.14	202	9111	16.83	ng	# 9
79) Butylbenzylphthalate	13.79	149	2852	11.58	ng	# 46
80) Benzo(a)anthracene	14.35	228	3048	7.32	ng	# 1
81) 3,3'-Dichlorobenzidine	14.39	252	1501	9.50	ng	# 1
82) Chrysene	14.49	228	1698	4.06	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.42	149	9513	32.81	ng	# 60
84) Di-n-octyl phthalate	15.05	149	2260	4.21	ng	# 36
85) Indeno(1,2,3-cd)pyrene	17.28	276	2645	7.31	ng	# 56
87) Benzo(b)fluoranthene	15.44	252	848	7.52	ng	# 1
88) Benzo(k)fluoranthene	15.44	252	848	8.82	ng	# 1
89) Benzo(a)pyrene	15.80	252	310	3.10	ng	# 1
90) Dibenzo(a,h)anthracene	17.20	278	743	9.03	ng	# 1
91) Benzo(g,h,i)perylene	17.65	276	444	5.19	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.18 min

Lab File: BF091888.D

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BNA_F

ClientSampleId :

SB-52(0-1)-121916

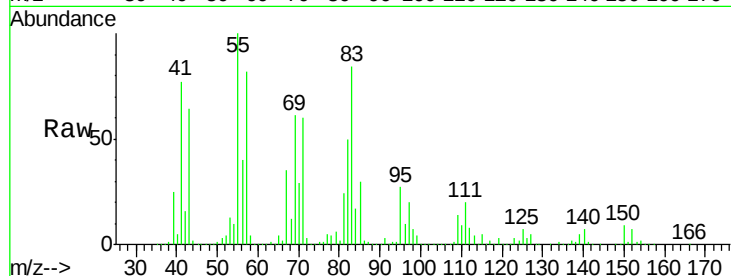
Tgt Ion:152 Resp: 361431

Ion Ratio Lower Upper

152 100

150 135.9 124.9 187.3

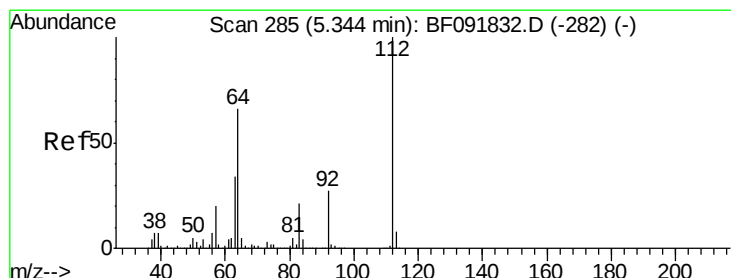
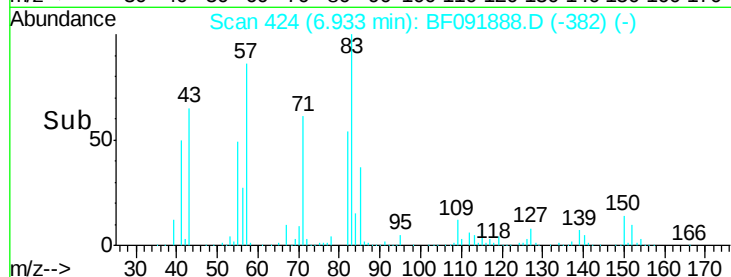
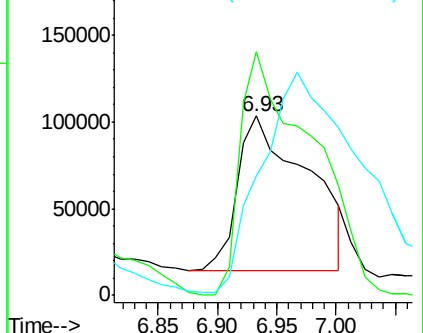
115 66.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 102.84 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.07 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

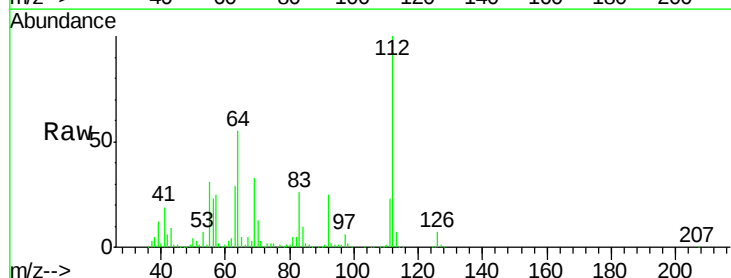
Tgt Ion:112 Resp: 2226105

Ion Ratio Lower Upper

112 100

64 55.2 46.1 69.1

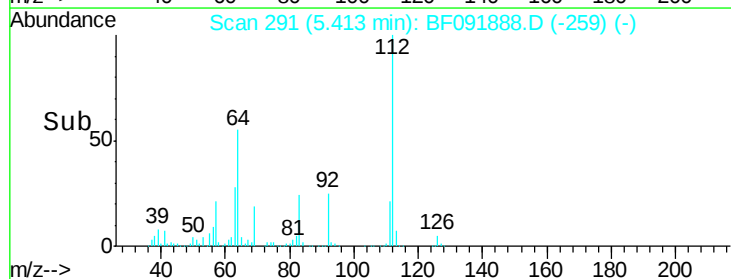
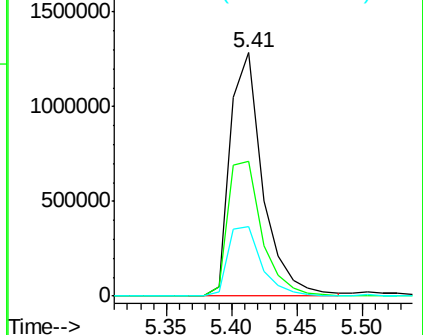
63 28.6 23.8 35.6

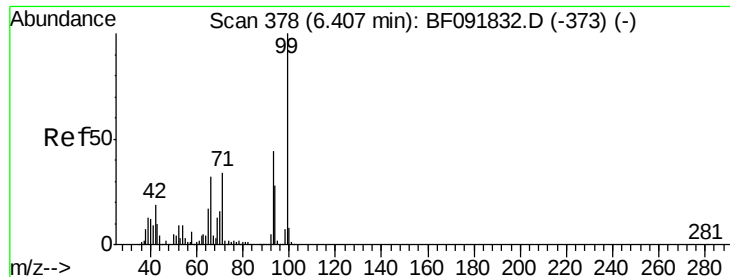


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 71.86 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.06 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

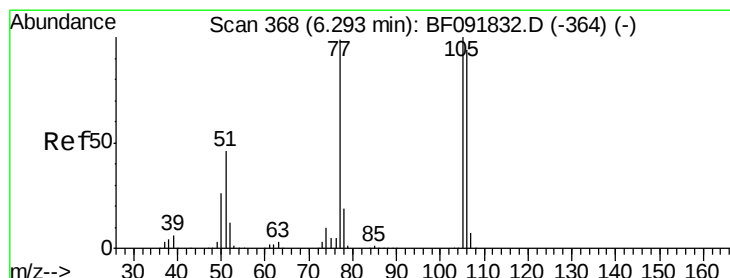
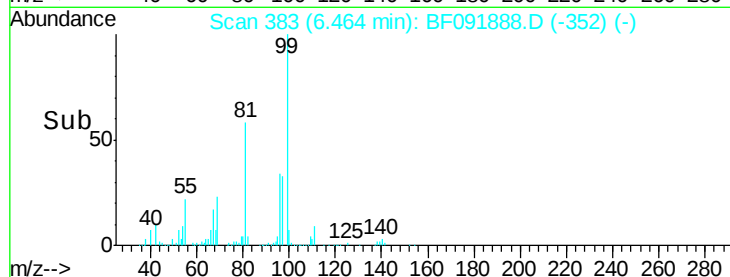
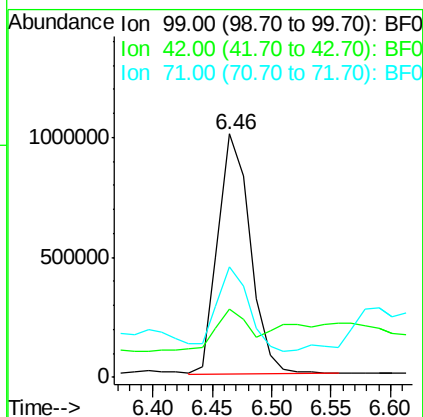
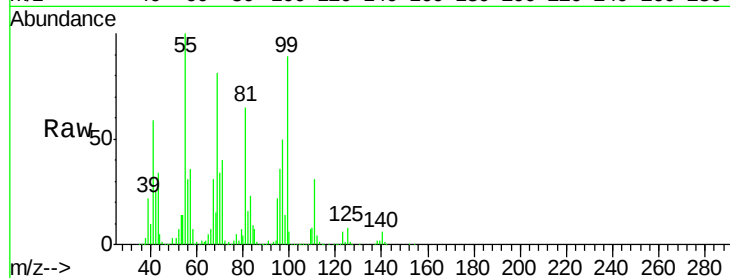
Tgt Ion: 99 Resp: 1899083

Ion Ratio Lower Upper

99 100

42 28.1 15.6 23.4#

71 45.5 27.5 41.3#



#9

Benzaldehyde

Concen: 6.62 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.15 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

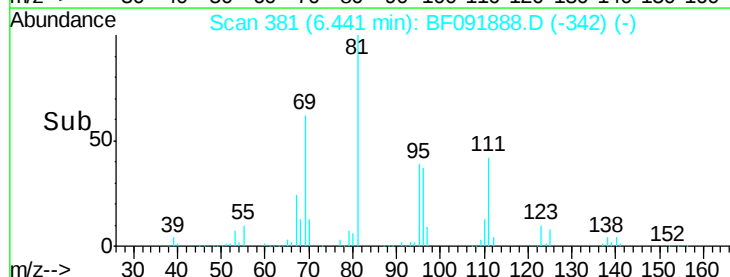
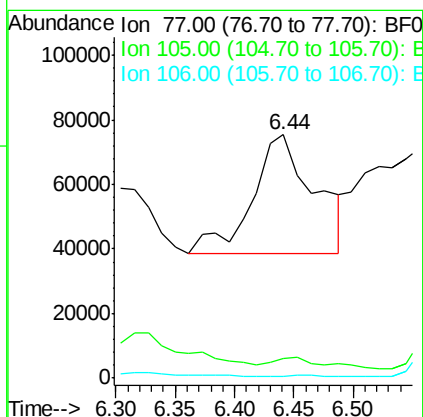
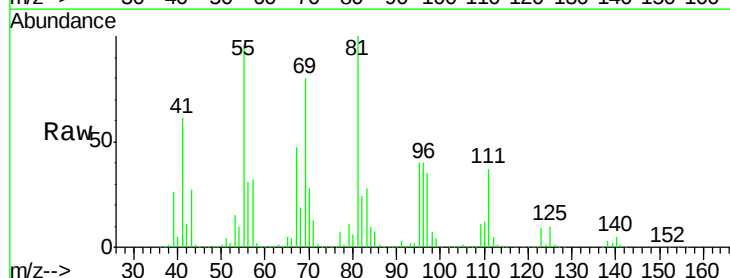
Tgt Ion: 77 Resp: 132791

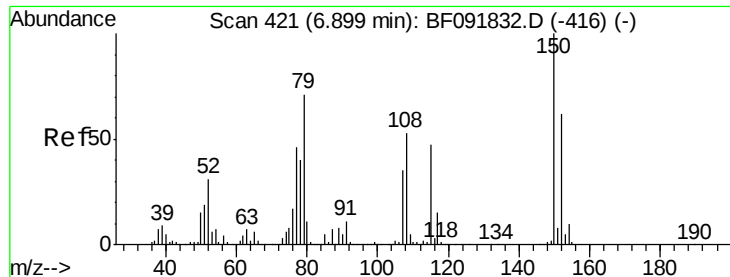
Ion Ratio Lower Upper

77 100

105 7.8 83.9 123.9#

106 0.9 77.6 117.6#





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.22 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

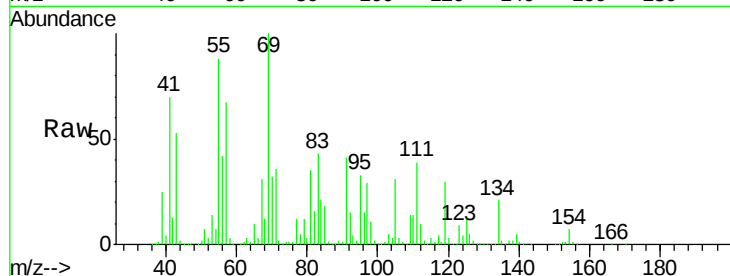
Tgt Ion: 79 Resp: 41226

Ion Ratio Lower Upper

79 100

108 4.1 61.4 92.0#

77 101.6 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

7.12

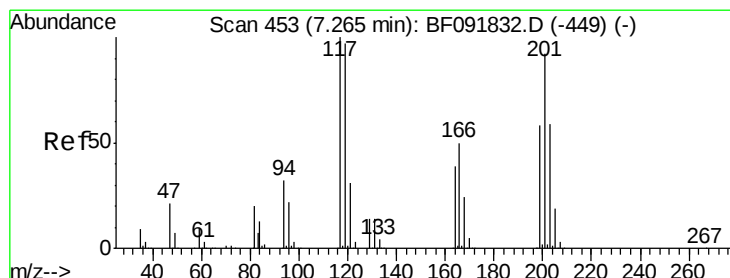
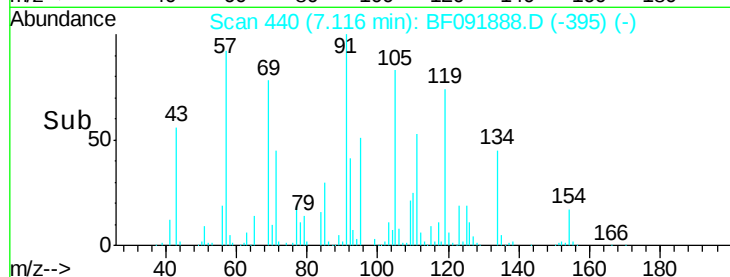
150000

100000

50000

0

Time--> 7.06 7.08 7.10 7.12 7.14



#18

Hexachloroethane

Concen: 301.68 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.09 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

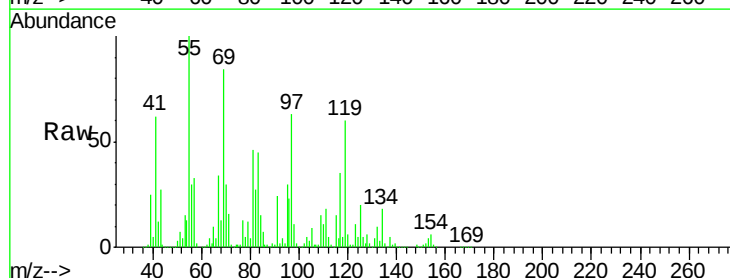
Tgt Ion: 117 Resp: 2992272

Ion Ratio Lower Upper

117 100

119 168.8 78.1 117.1#

201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): BF0

Ion 119.00 (118.70 to 119.70): BF0

Ion 201.00 (200.70 to 201.70): BF0

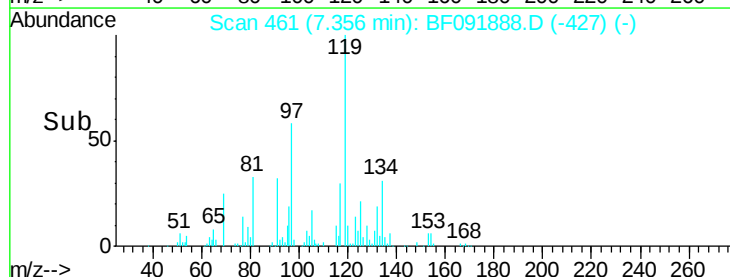
7.36

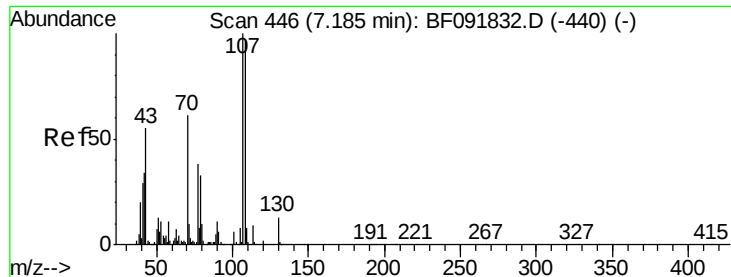
1000000

500000

0

Time--> 7.20 7.30 7.40 7.50

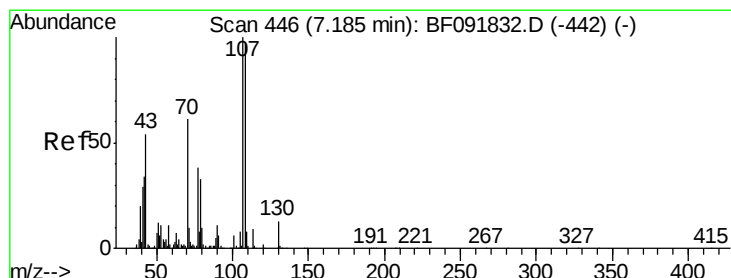
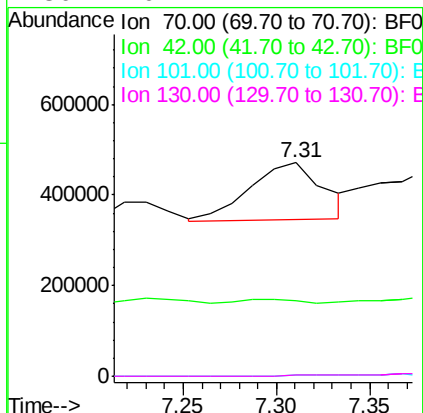
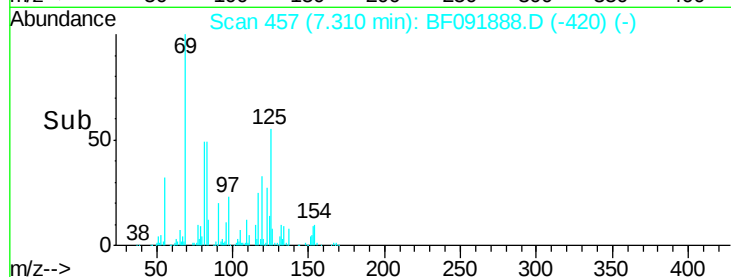
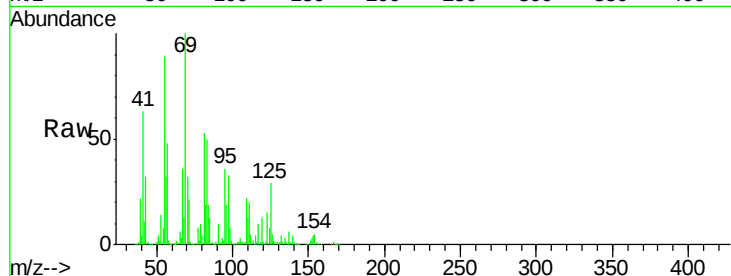




#19
n-Nitroso-di-n-propylamine
Concen: 19.64 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

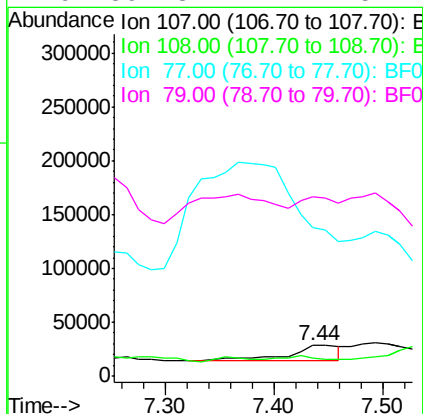
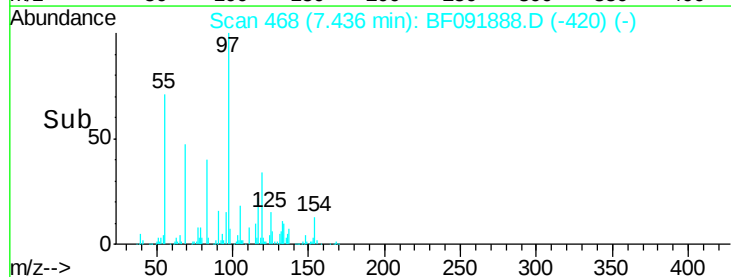
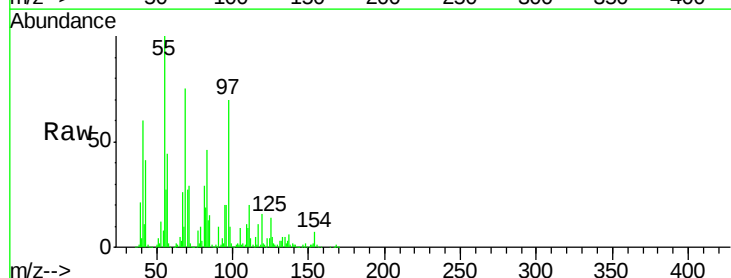
Instrument :
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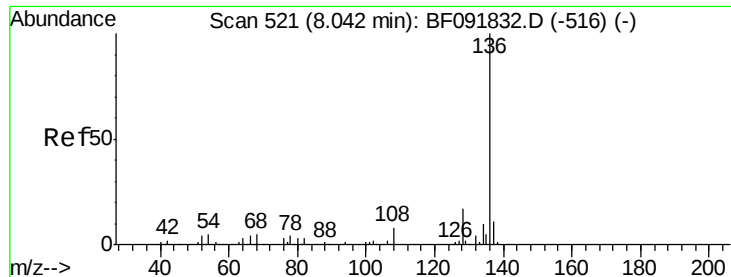
Tgt Ion: 70 Resp: 345337
Ion Ratio Lower Upper
70 100
42 35.2 49.4 74.0#
101 0.4 7.4 11.2#
130 0.4 14.2 21.4#



#20
3+4-Methylphenols
Concen: 2.11 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.25 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion: 107 Resp: 49772
Ion Ratio Lower Upper
107 100
108 61.4 73.0 113.0#
77 490.1 71.3 111.3#
79 591.3 11.1 51.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.40 min Scan# 552

Delta R.T. 0.35 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

Tgt Ion:136 Resp: 117116

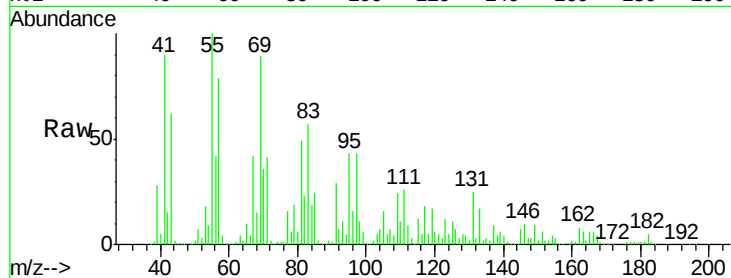
Ion Ratio Lower Upper

136 100

137 404.2 8.4 12.6#

54 383.8 4.5 6.7#

68 647.7 3.6 5.4#

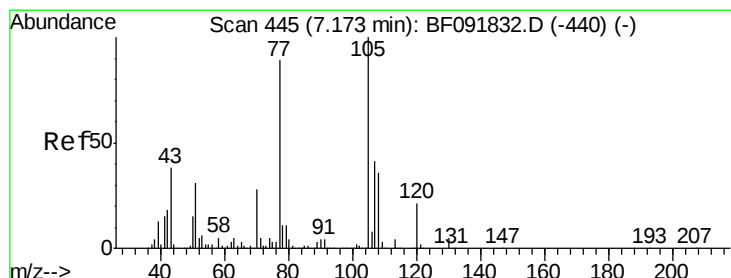
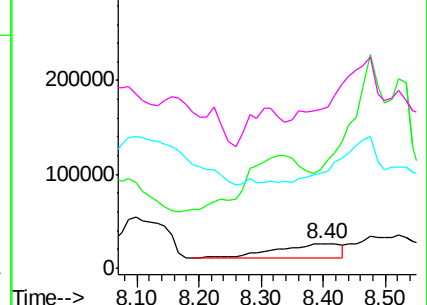
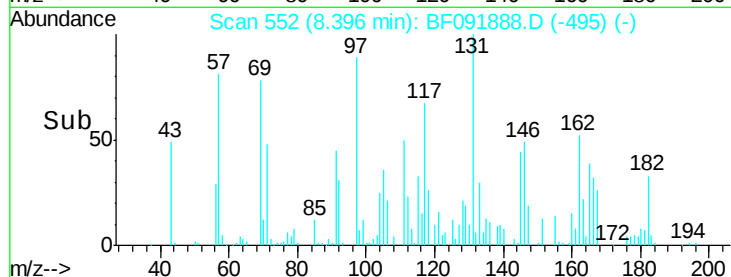


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 391.02 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.33 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Tgt Ion:105 Resp: 1129543

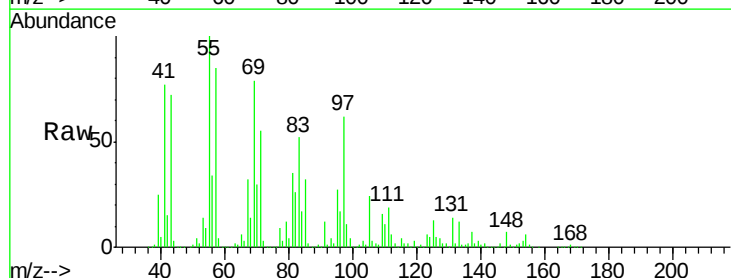
Ion Ratio Lower Upper

105 100

71 231.7 3.2 4.8#

51 18.7 26.2 39.4#

120 1.4 16.6 24.8#

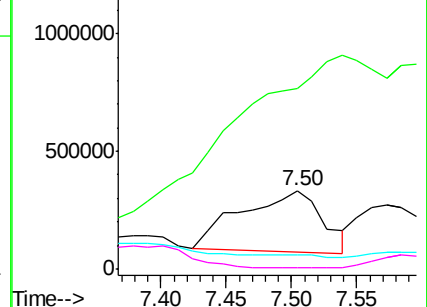
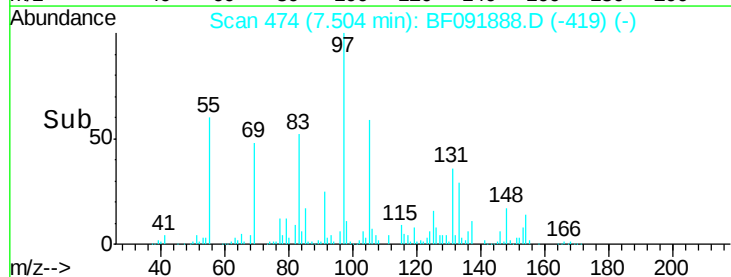


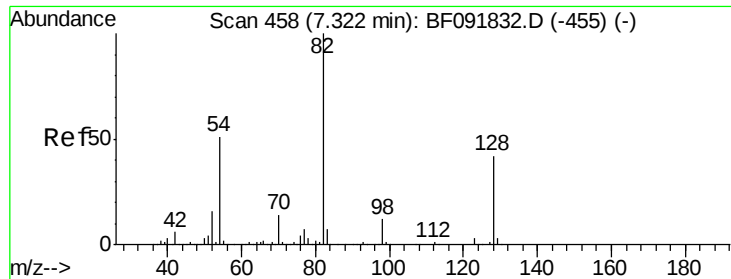
Abundance Ion 105.00 (104.70 to 105.70): E

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

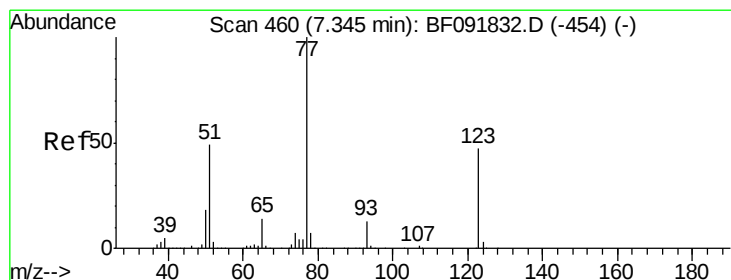
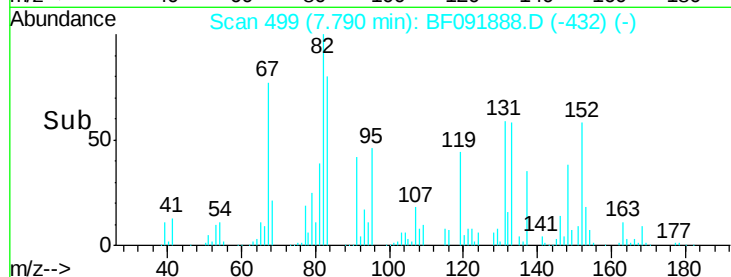
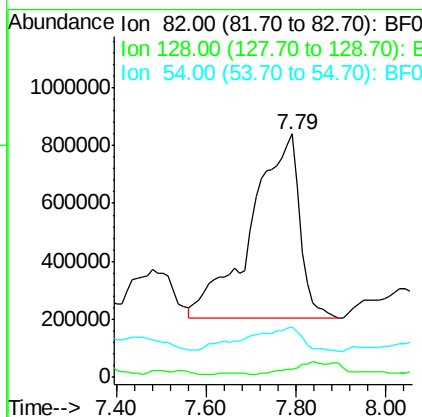
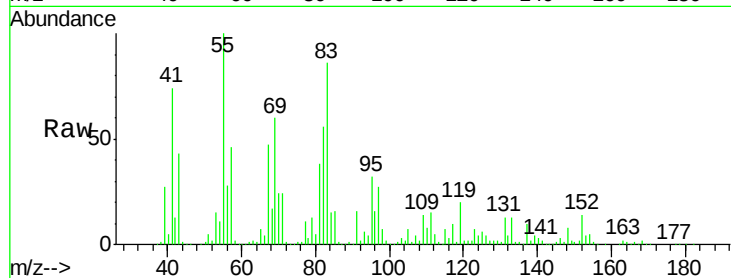




#23
 Nitrobenzene-d5
 Concen: 2244.26 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.47 min
 Lab File: BF091888.D
 Acq: 22 Dec 2016 16:14

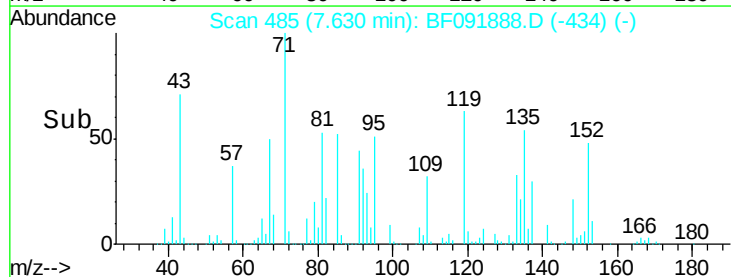
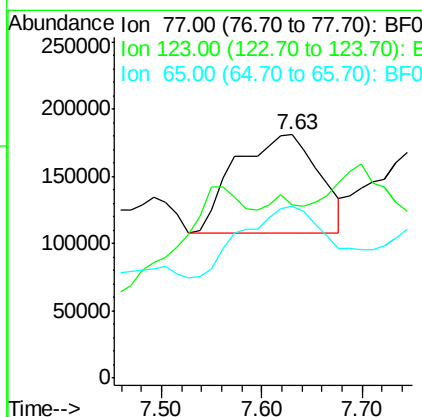
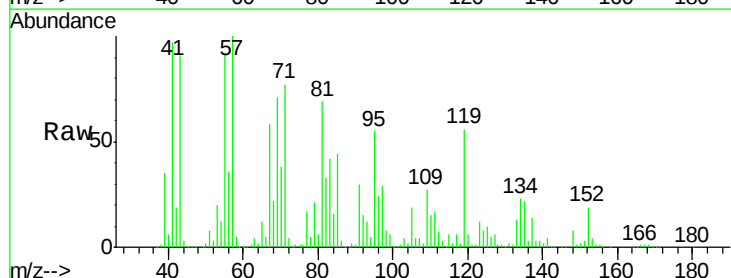
Instrument :
 BNA_F
 ClientSampleId :
 SB-52(0-1)-121916

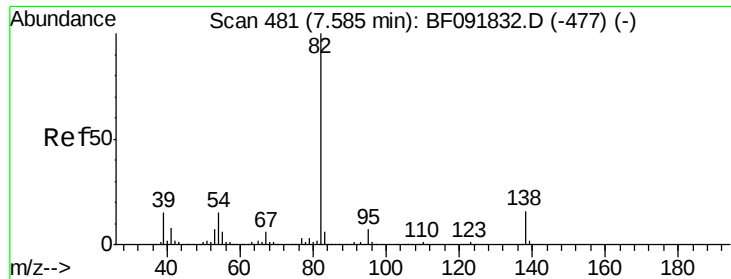
Tgt Ion: 82 Resp: 4726815
 Ion Ratio Lower Upper
 82 100
 128 3.2 34.6 52.0#
 54 20.4 39.5 59.3#



#24
 Nitrobenzene
 Concen: 189.69 ng
 RT: 7.63 min Scan# 485
 Delta R.T. 0.29 min
 Lab File: BF091888.D
 Acq: 22 Dec 2016 16:14

Tgt Ion: 77 Resp: 425528
 Ion Ratio Lower Upper
 77 100
 123 70.9 33.0 49.4#
 65 70.8 11.2 16.8#

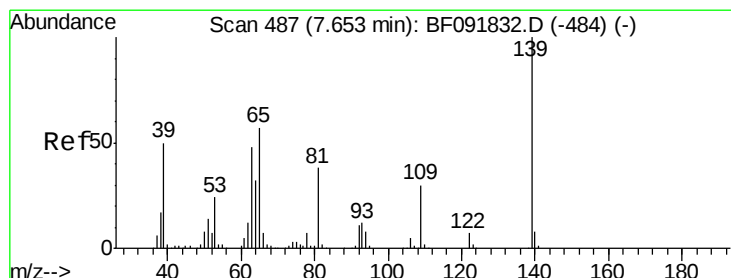
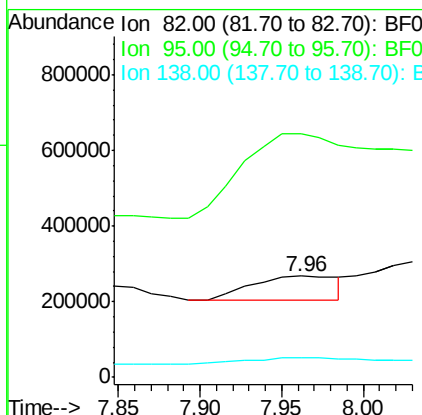
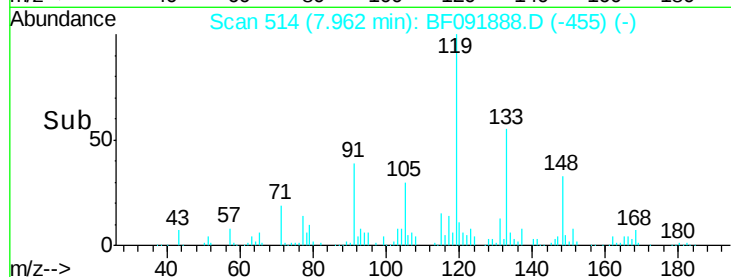
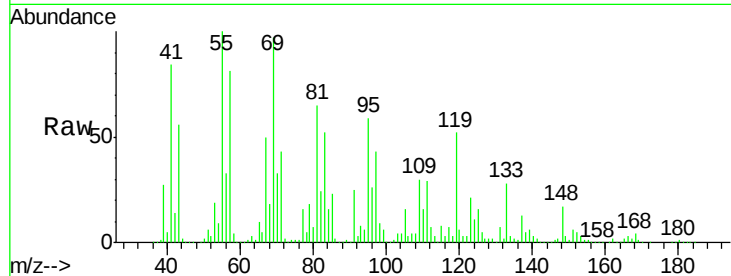




#25
Isophorone
Concen: 62.76 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.38 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

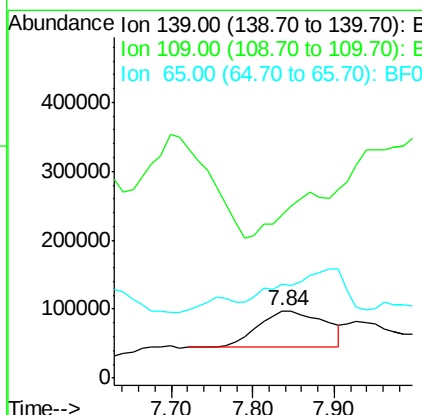
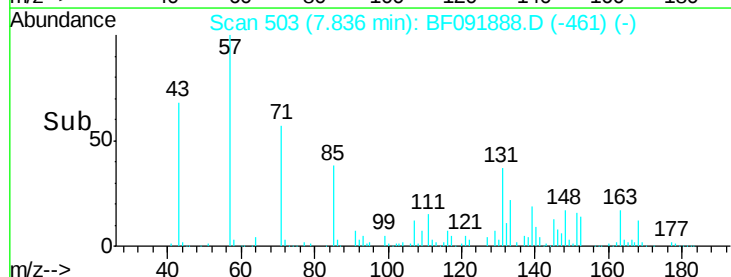
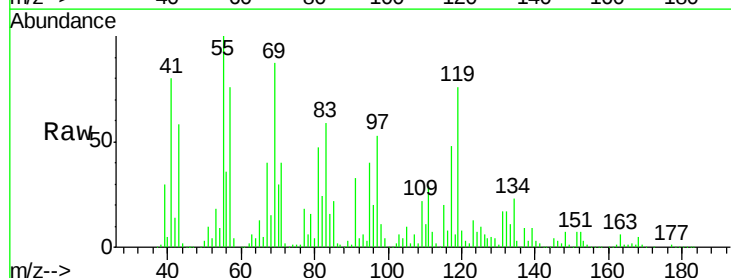
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

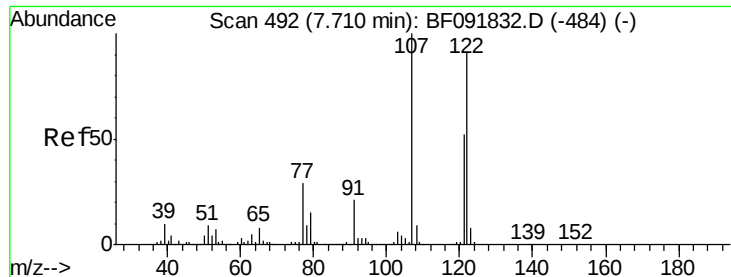
Tgt Ion: 82 Resp: 243886
Ion Ratio Lower Upper
82 100
95 240.5 5.6 8.4#
138 19.8 14.6 22.0



#26
2-Nitrophenol
Concen: 275.58 ng
RT: 7.84 min Scan# 503
Delta R.T. 0.18 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion: 139 Resp: 304857
Ion Ratio Lower Upper
139 100
109 241.5 23.3 34.9#
65 139.9 42.7 64.1#

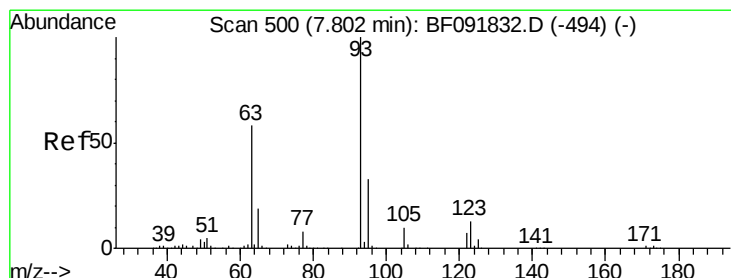
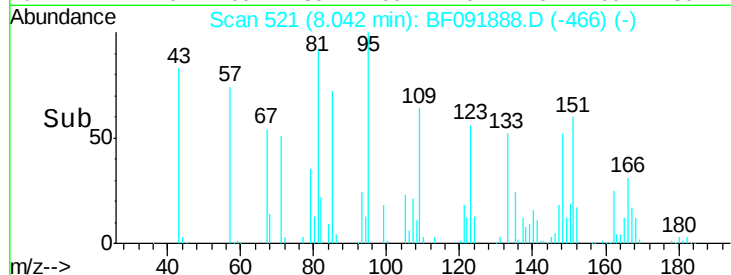
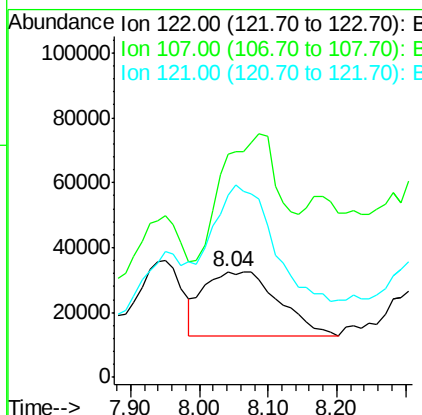
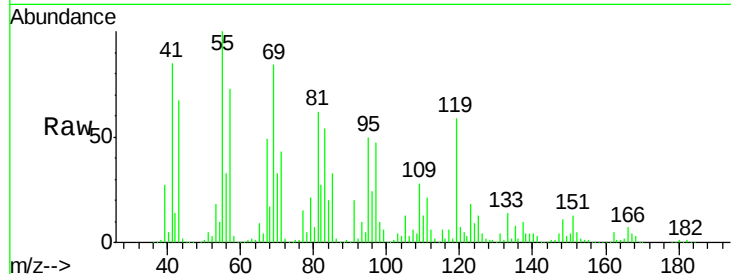




#27
 2,4-Dimethylphenol
 Concen: 80.45 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.33 min
 Lab File: BF091888.D
 Acq: 22 Dec 2016 16:14

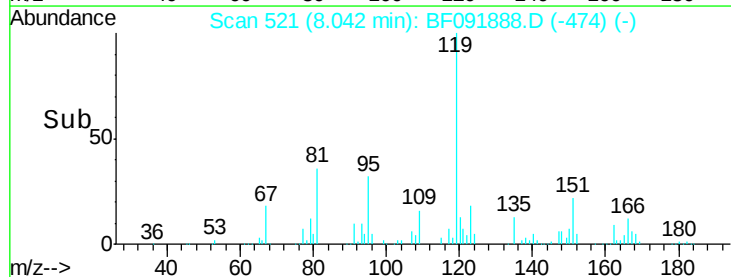
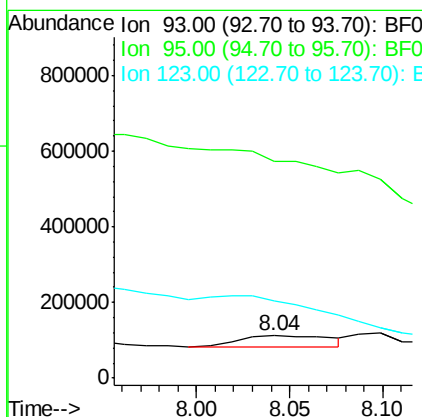
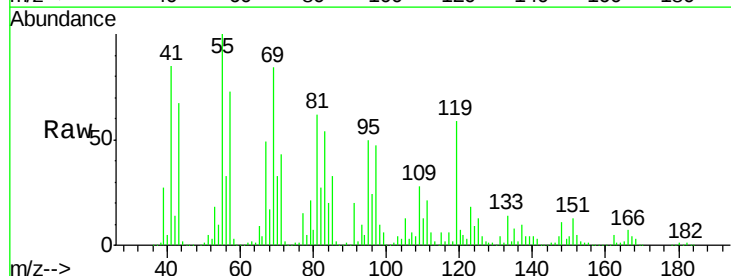
Instrument :
 BNA_F
 ClientSampleId :
 SB-52(0-1)-121916

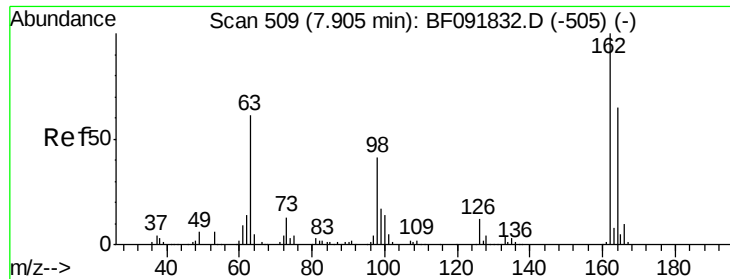
Tgt Ion: 122 Resp: 147619
 Ion Ratio Lower Upper
 122 100
 107 211.4 94.1 141.1#
 121 172.2 46.0 69.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.69 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.24 min
 Lab File: BF091888.D
 Acq: 22 Dec 2016 16:14

Tgt Ion: 93 Resp: 102950
 Ion Ratio Lower Upper
 93 100
 95 515.8 26.5 39.7#
 123 184.0 8.6 13.0#

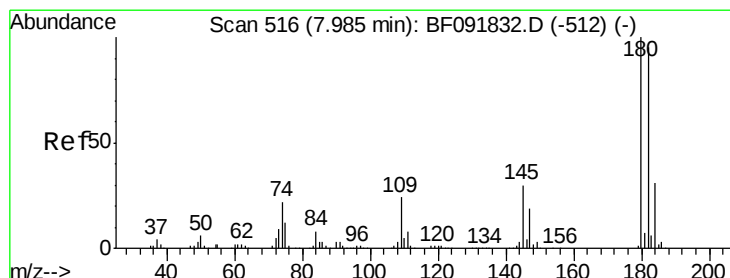
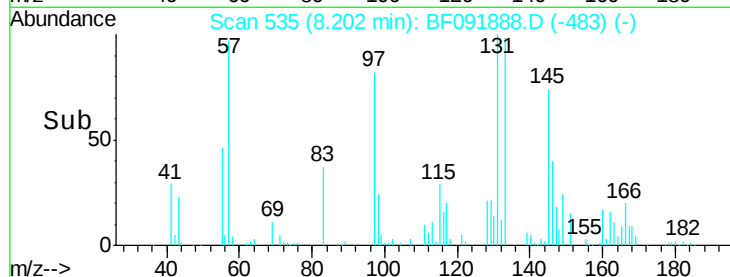
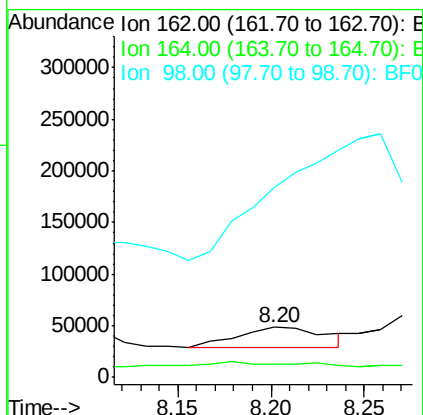
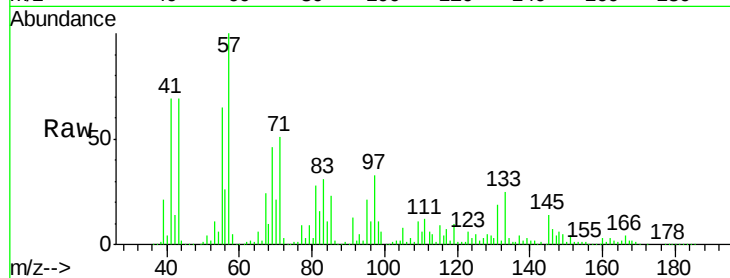




#29
2,4-Dichlorophenol
Concen: 41.85 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.30 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

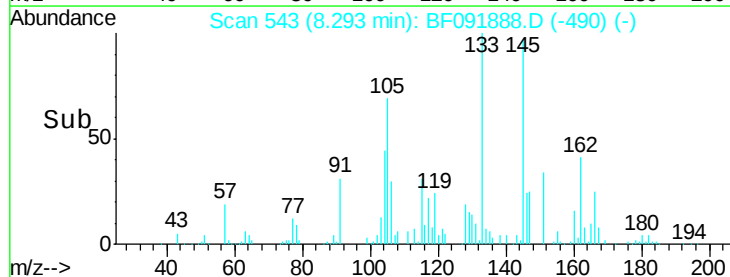
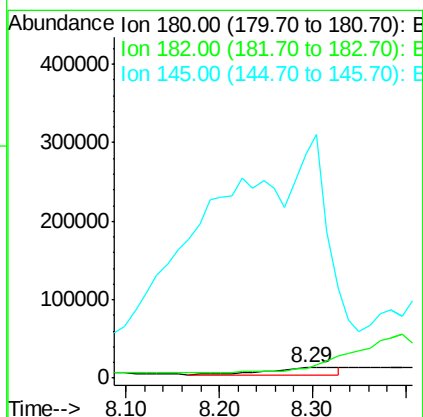
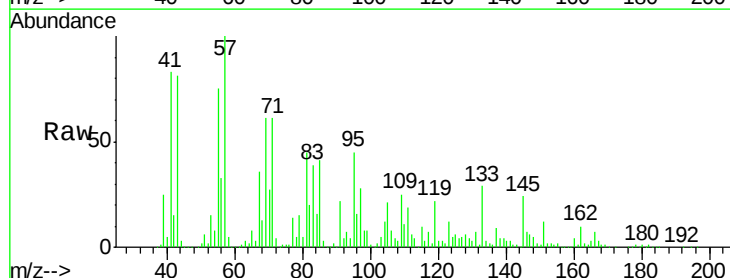
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

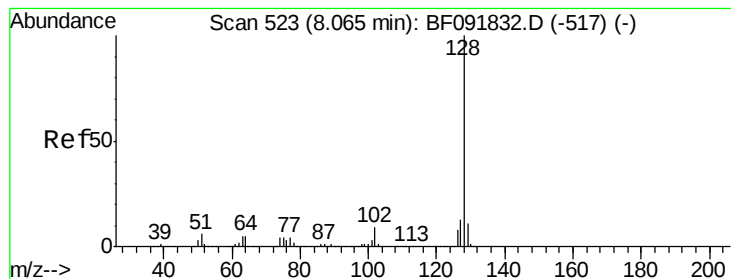
Tgt Ion:162 Resp: 65022
Ion Ratio Lower Upper
162 100
164 26.5 46.8 86.8#
98 379.5 9.1 49.1#



#30
1,2,4-Trichlorobenzene
Concen: 25.71 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.31 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion:180 Resp: 43774
Ion Ratio Lower Upper
180 100
182 92.0 78.2 117.4
145 2172.6 21.6 32.4#





#31

Naphthalene

Concen: 12.74 ng

RT: 8.37 min Scan# 550

Delta R.T. 0.31 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

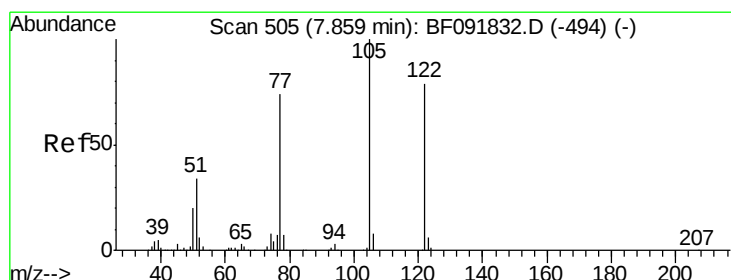
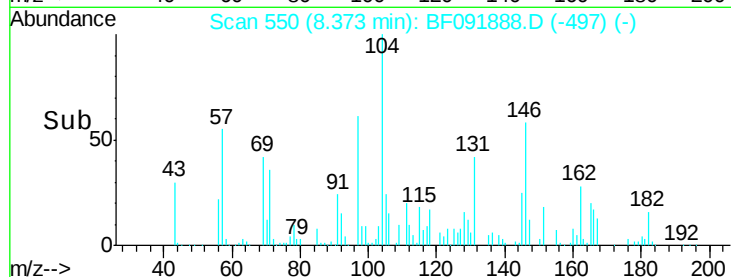
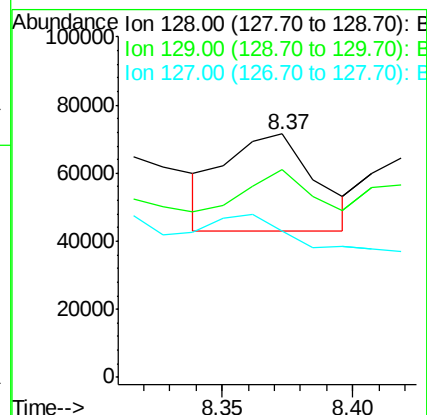
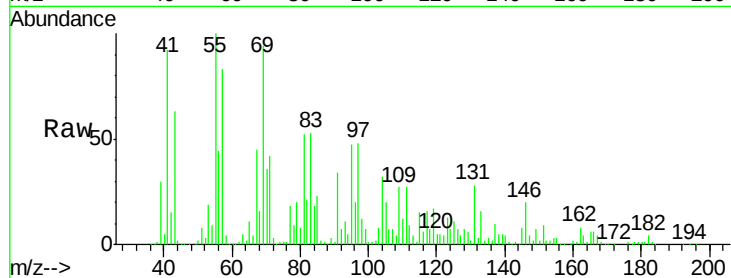
Tgt Ion:128 Resp: 68293

Ion Ratio Lower Upper

128 100

129 85.2 9.5 14.3#

127 60.0 10.8 16.2#



#32

Benzoic acid

Concen: 70.97 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.48 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

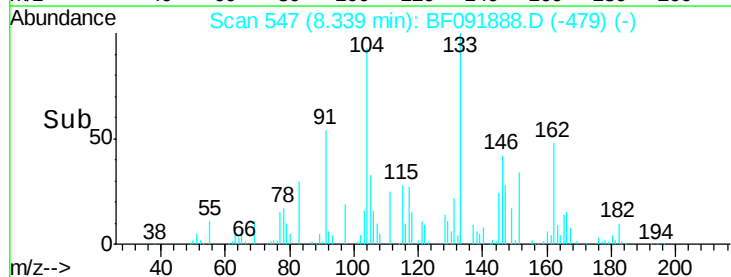
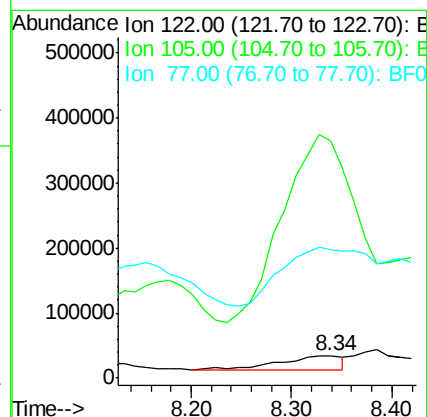
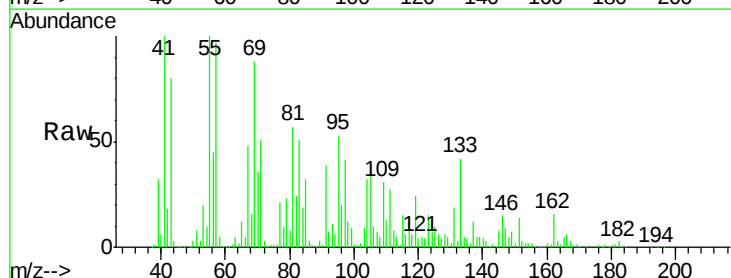
Tgt Ion:122 Resp: 96579

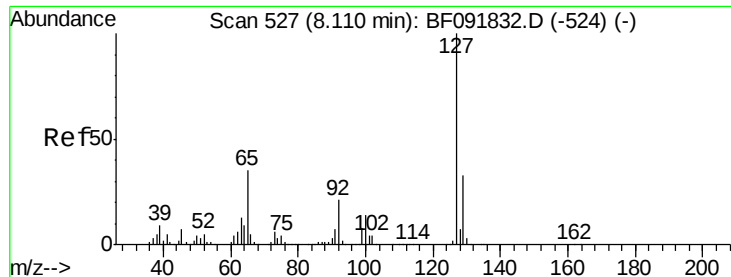
Ion Ratio Lower Upper

122 100

105 1039.2 107.2 147.2#

77 563.2 74.5 114.5#

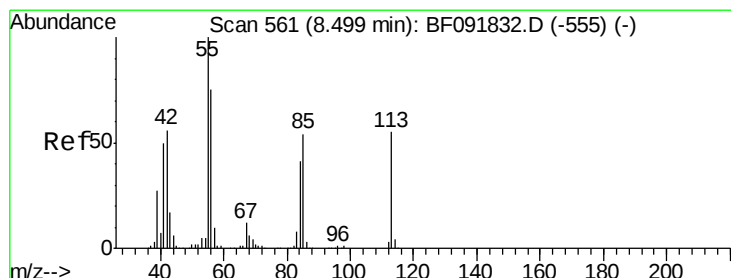
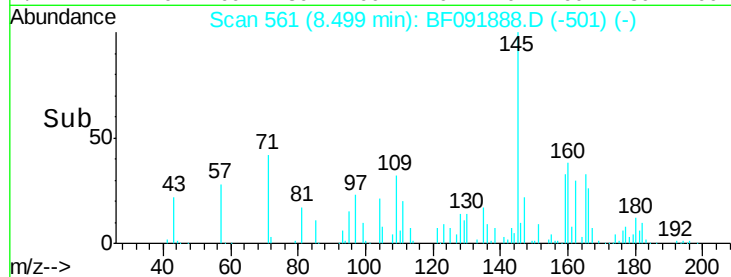
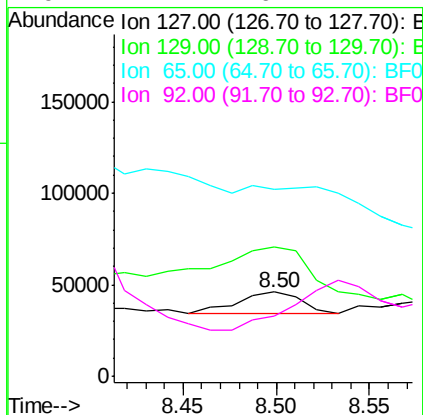
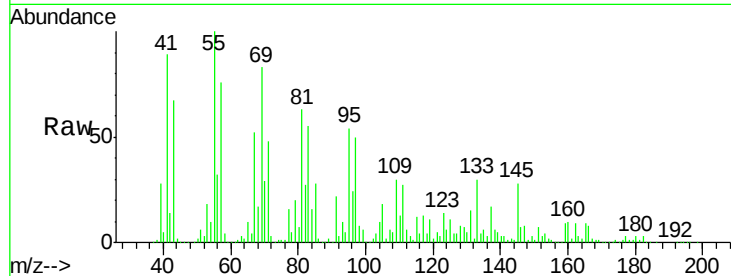




#33
4-Chloroaniline
Concen: 12.06 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.39 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

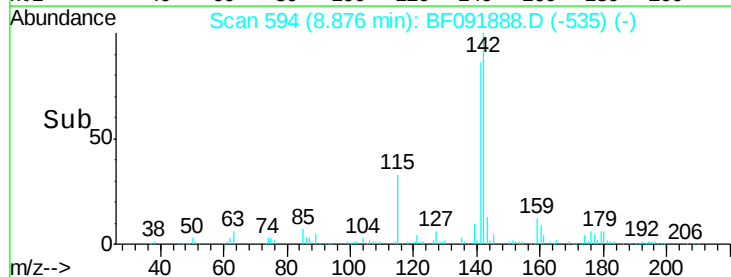
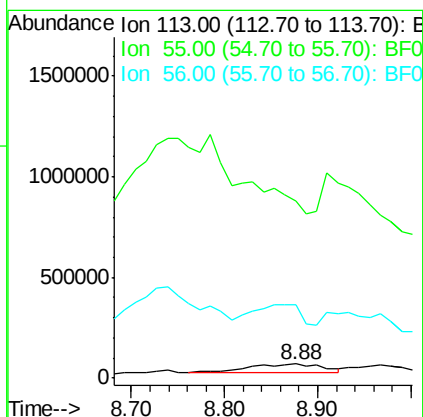
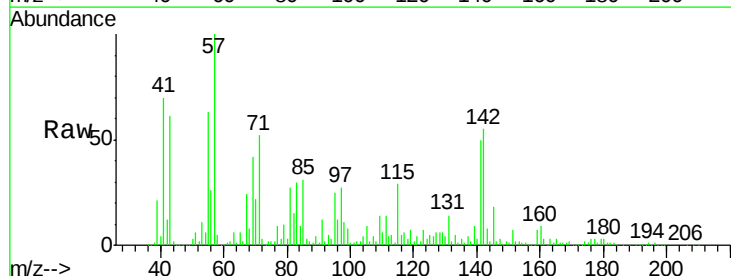
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

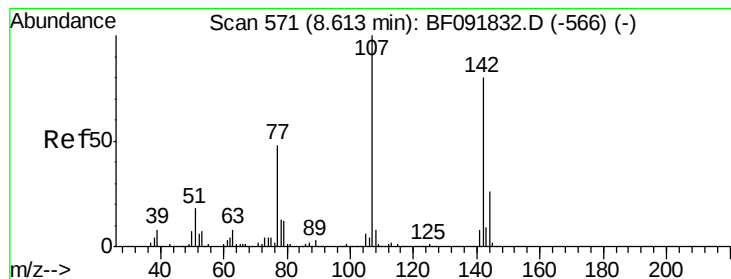
Tgt Ion	Ratio	Lower	Upper
127	100		
129	153.3	26.3	39.5#
65	222.6	25.8	38.8#
92	71.7	16.1	24.1#



#35
Caprolactam
Concen: 461.43 ng
RT: 8.88 min Scan# 594
Delta R.T. 0.38 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion	Ratio	Lower	Upper
113	100		
55	1246.4	119.2	159.2#
56	517.9	83.8	123.8#





#36

4-Chloro-3-methylphenol

Concen: 87.54 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.43 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

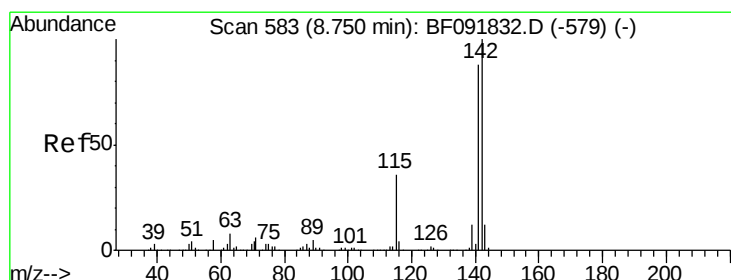
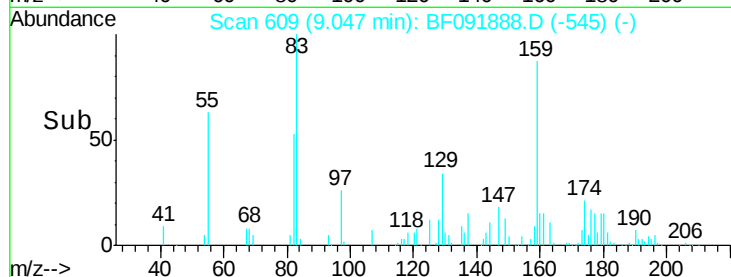
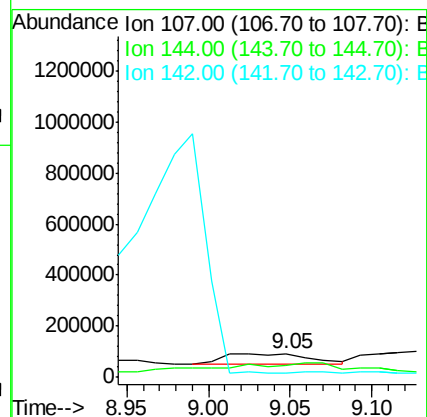
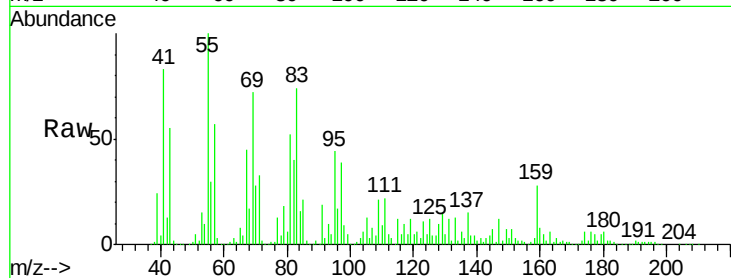
Tgt Ion:107 Resp: 156505

Ion Ratio Lower Upper

107 100

144 49.6 19.3 28.9#

142 17.9 59.0 88.6#



#37

2-Methylnaphthalene

Concen: Below Cal

RT: 8.99 min Scan# 604

Delta R.T. 0.24 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

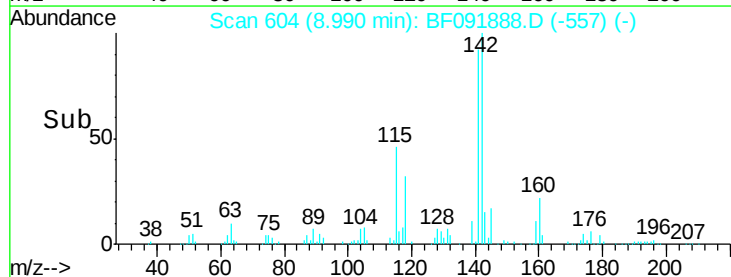
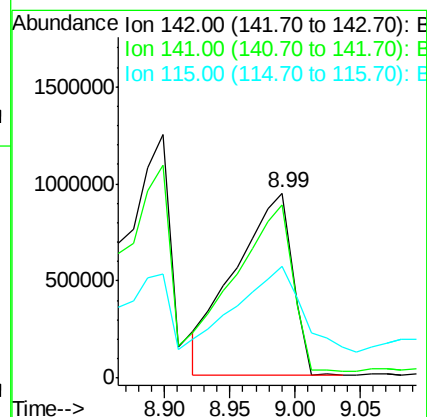
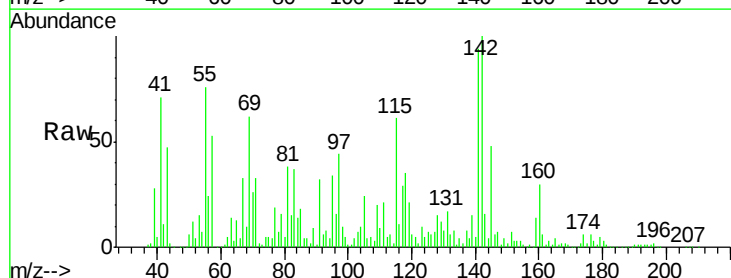
Tgt Ion:142 Resp: 2882140

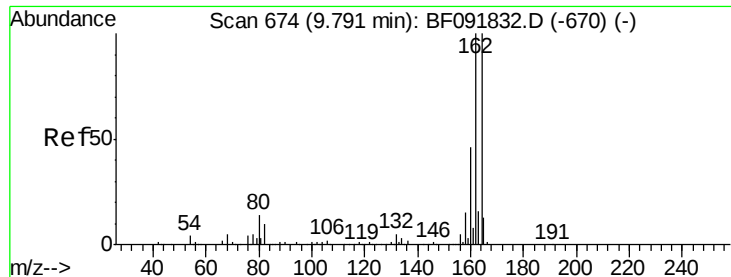
Ion Ratio Lower Upper

142 100

141 93.7 71.0 106.6

115 60.5 28.3 42.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.40 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

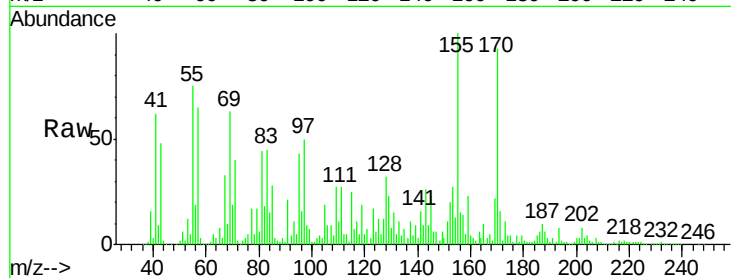
Tgt Ion:164 Resp: 32174

Ion Ratio Lower Upper

164 100

162 60.0 80.2 120.2#

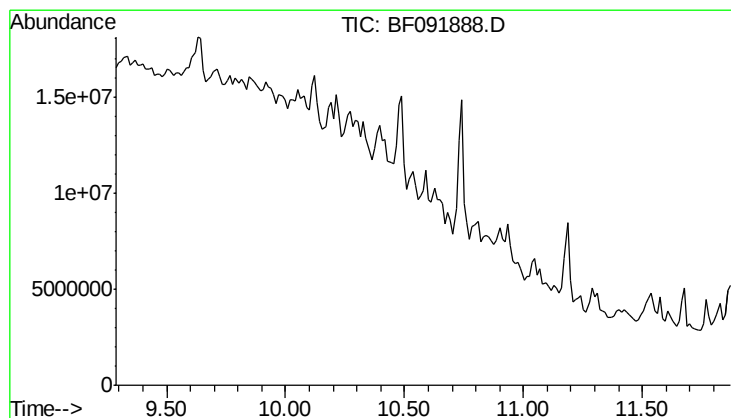
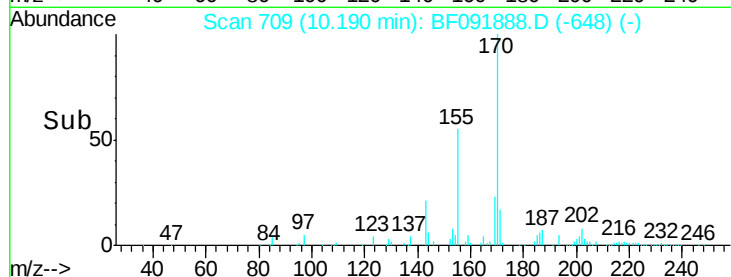
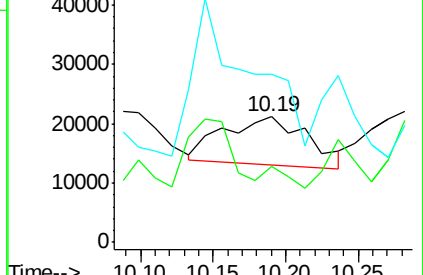
160 133.7 36.9 55.3#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.58 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

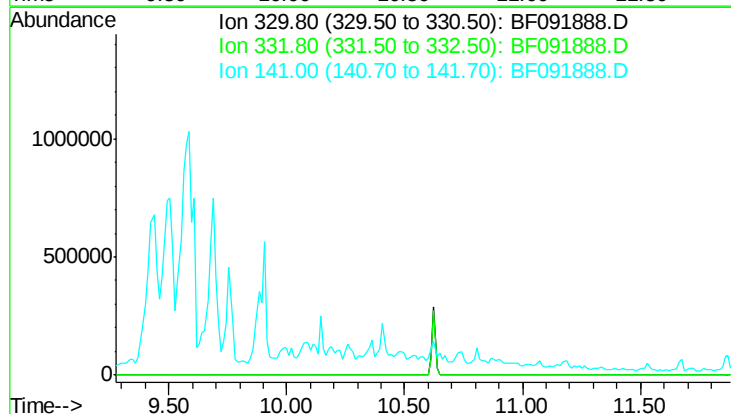
Tgt Ion: 330

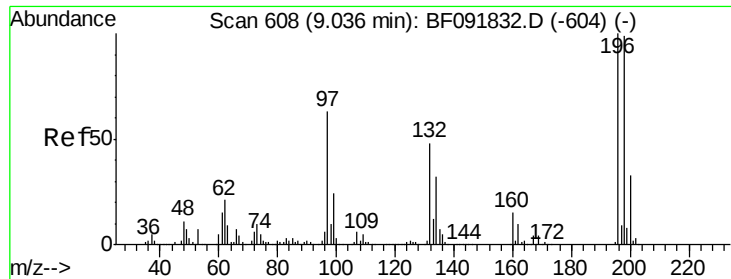
Sig Exp Ratio

330 100

332 96.8

141 42.6





#42

2,4,6-Trichlorophenol

Concen: 123.81 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.38 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

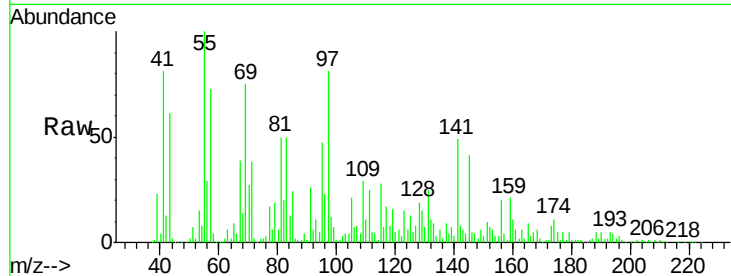
Tgt Ion:196 Resp: 70383

Ion Ratio Lower Upper

196 100

198 5.9 82.1 123.1#

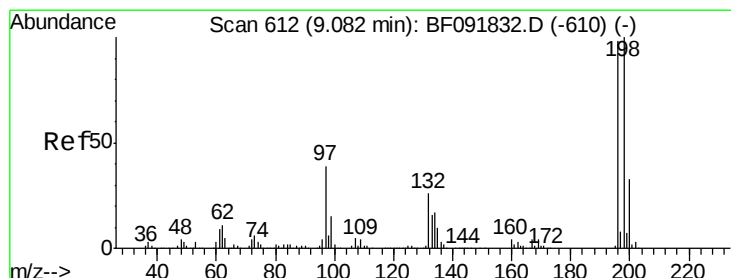
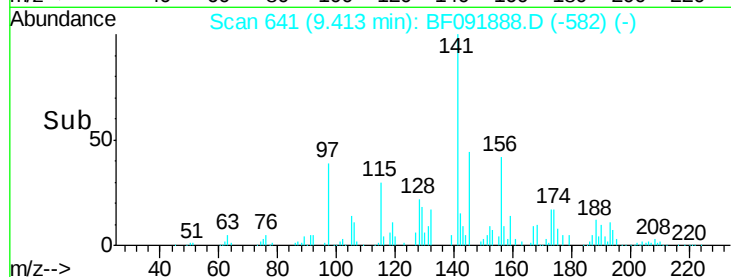
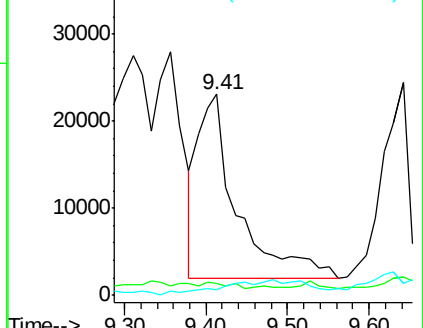
200 2.8 27.0 40.4#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 120.30 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.33 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Tgt Ion:196 Resp: 70383

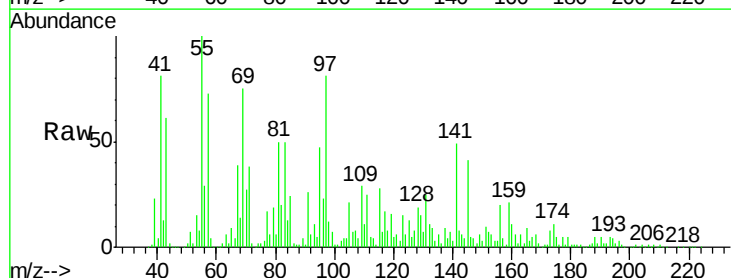
Ion Ratio Lower Upper

196 100

198 5.9 79.4 119.2#

97 3186.1 51.5 77.3#

132 439.7 27.4 41.2#

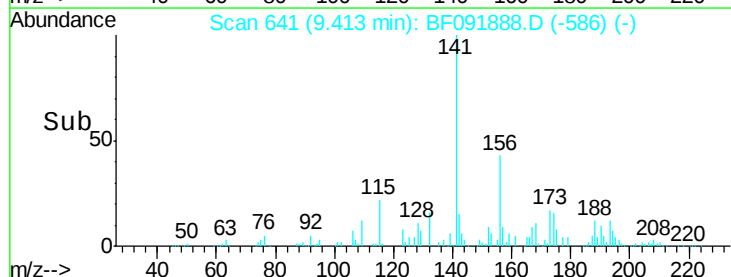
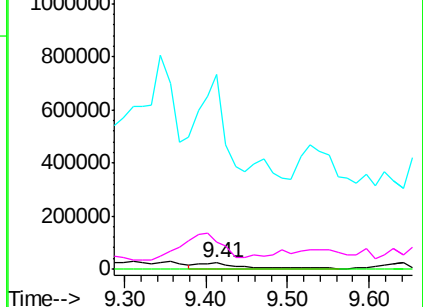


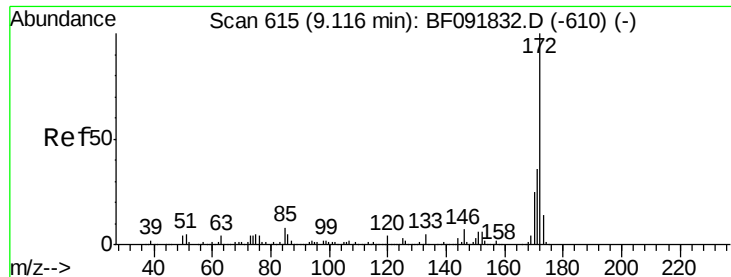
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 71.21 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.61 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

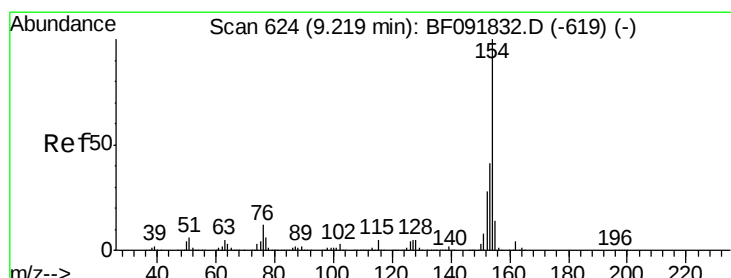
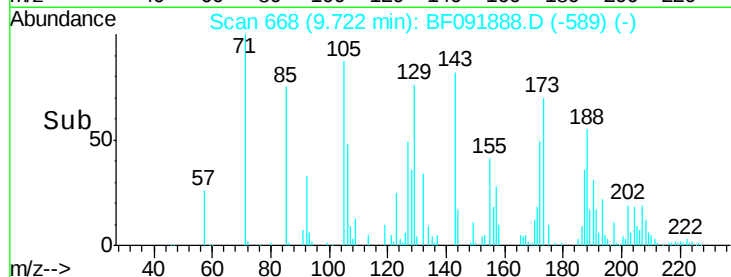
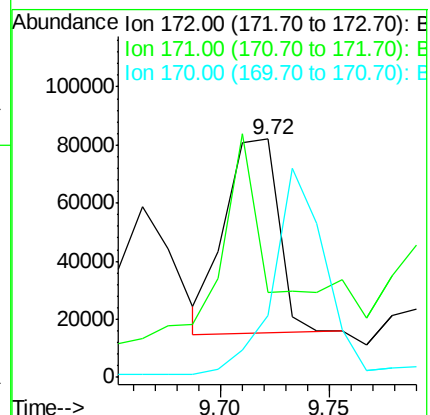
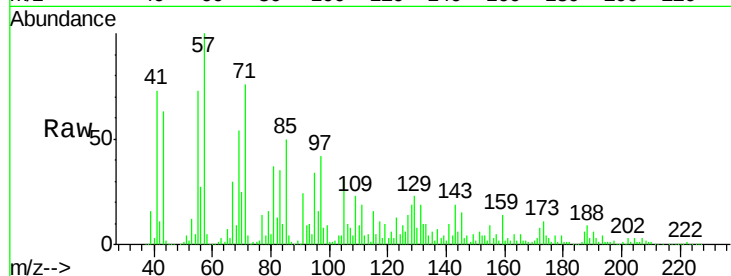
Tgt Ion:172 Resp: 115100

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

170 25.8 20.2 30.4



#45

1,1'-Biphenyl

Concen: 100.76 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.37 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

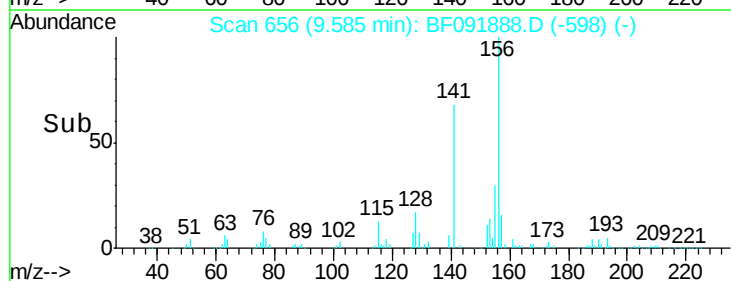
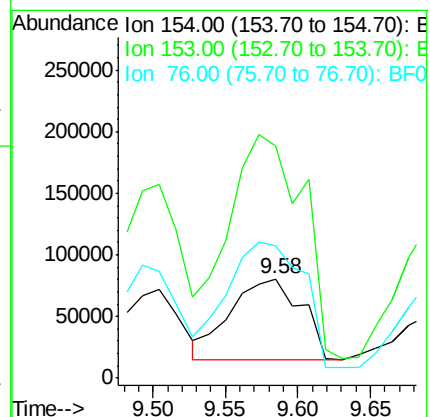
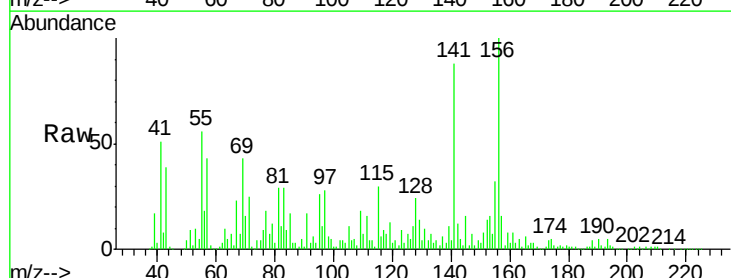
Tgt Ion:154 Resp: 221977

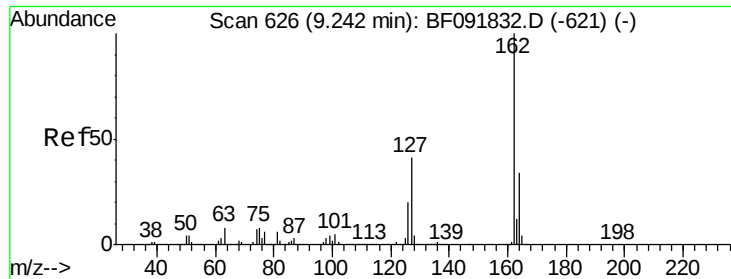
Ion Ratio Lower Upper

154 100

153 233.0 20.9 60.9#

76 133.5 0.0 30.5#

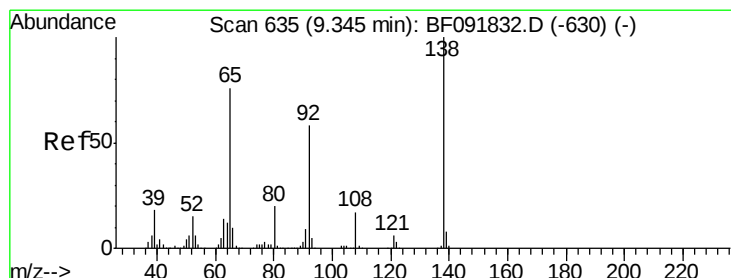
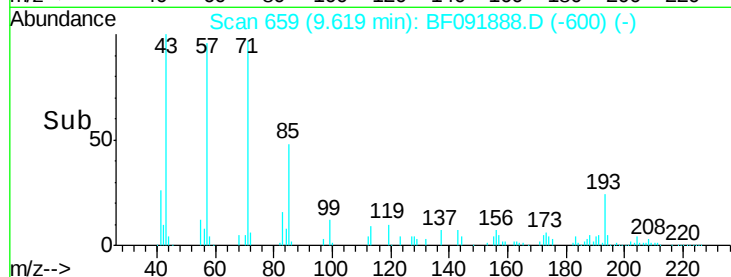
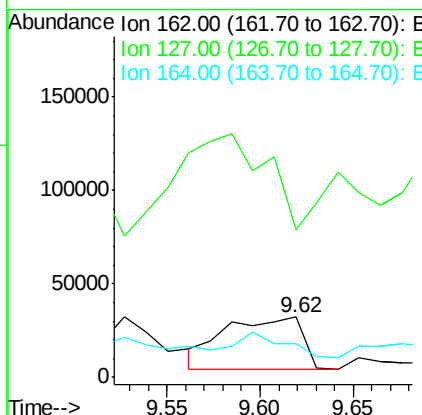
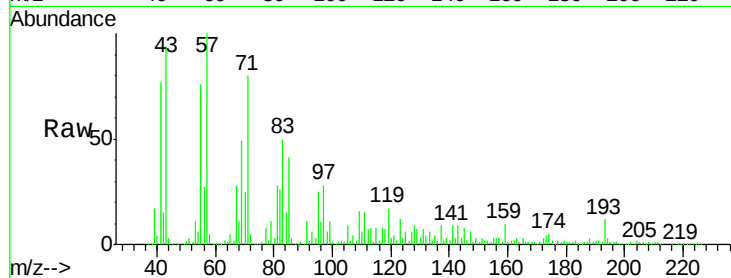




#46
2-Chloronaphthalene
Concen: 46.13 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.38 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

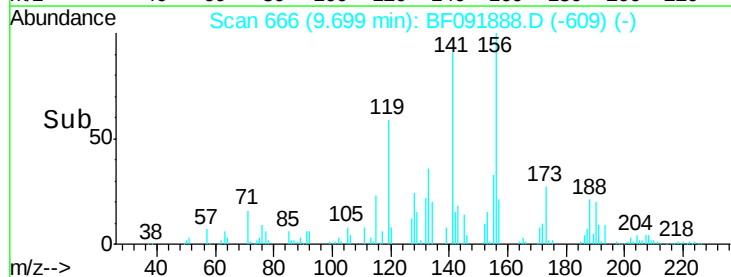
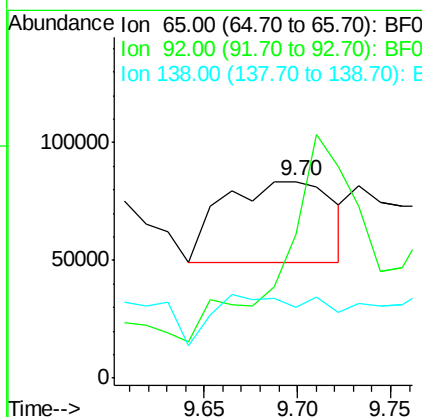
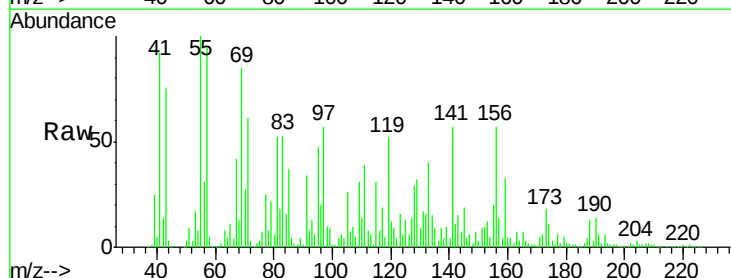
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

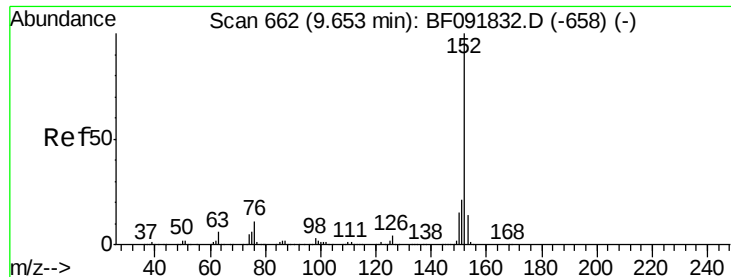
Tgt Ion: 162 Resp: 80483
Ion Ratio Lower Upper
162 100
127 245.0 30.7 46.1#
164 56.0 27.6 41.4#



#47
2-Nitroaniline
Concen: 229.18 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.35 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion: 65 Resp: 142360
Ion Ratio Lower Upper
65 100
92 72.9 53.9 80.9
138 35.8 76.8 115.2#





#48

Acenaphthylene

Concen: 94.43 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.42 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

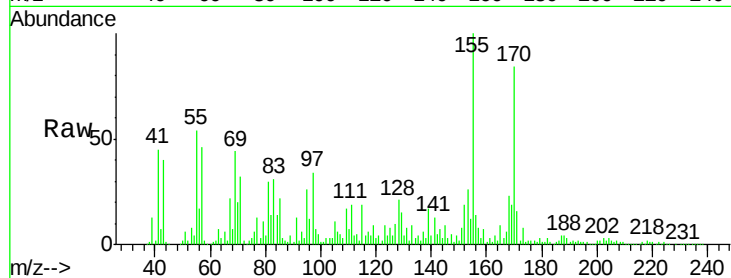
Tgt Ion:152 Resp: 253374

Ion Ratio Lower Upper

152 100

151 43.4 16.9 25.3#

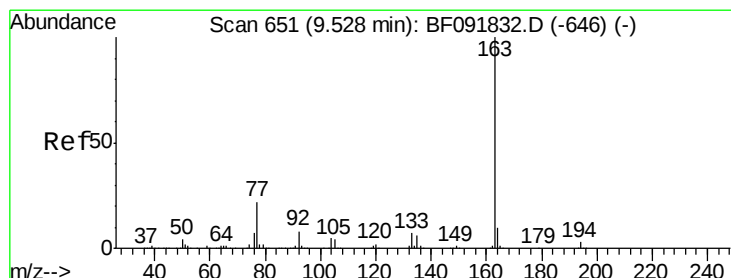
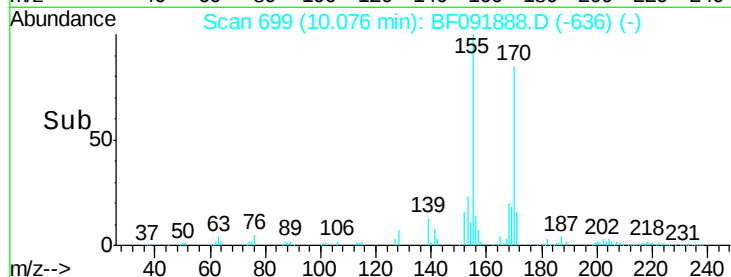
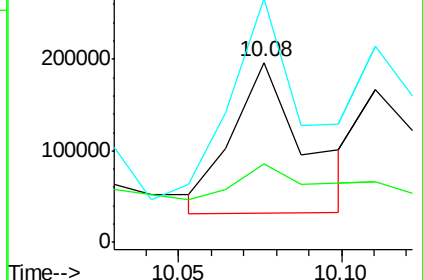
153 135.2 11.4 17.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 32.85 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.35 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

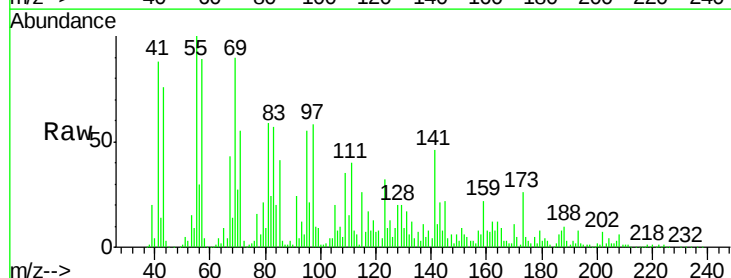
Tgt Ion:163 Resp: 67599

Ion Ratio Lower Upper

163 100

194 23.2 3.0 4.4#

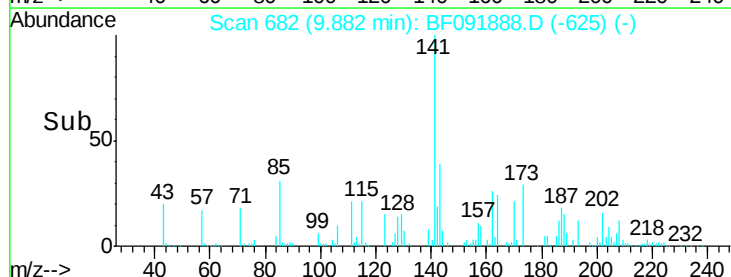
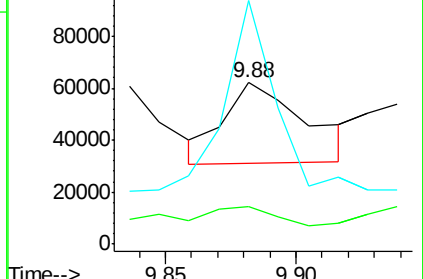
164 151.1 8.0 12.0#

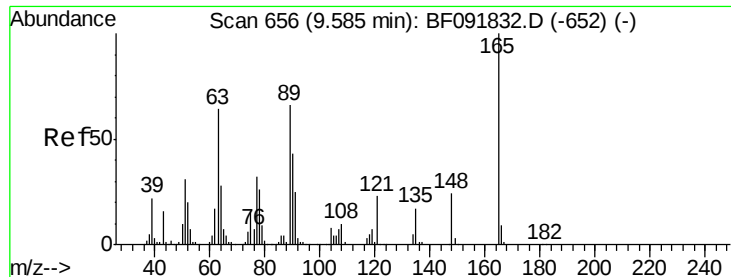


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

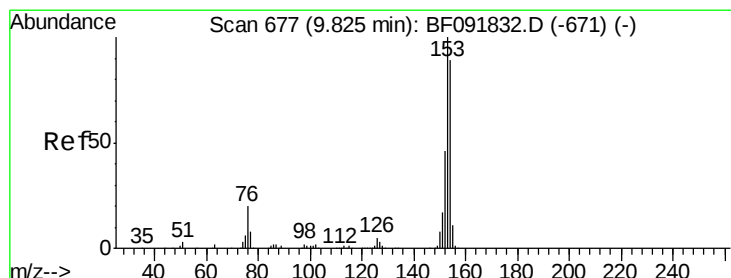
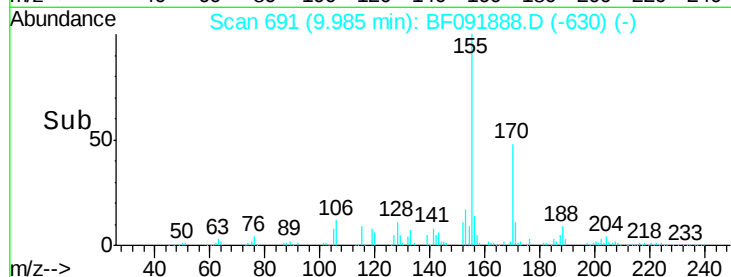
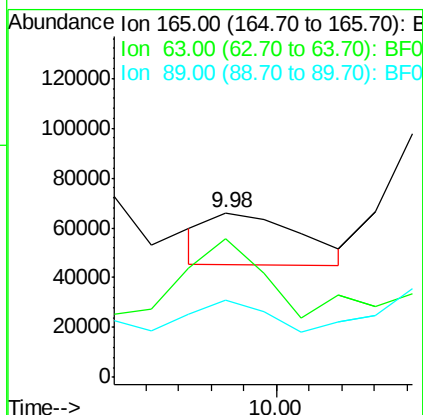
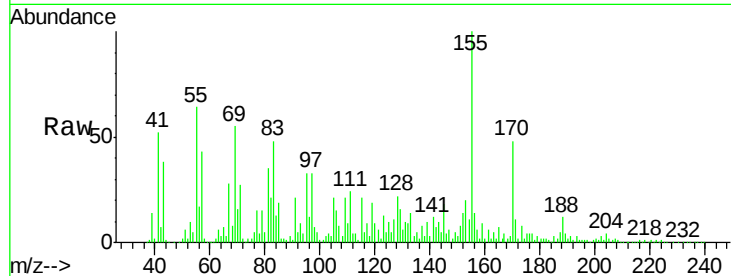




#50
 2,6-Dinitrotoluene
 Concen: 88.62 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.40 min
 Lab File: BF091888.D
 Acq: 22 Dec 2016 16:14

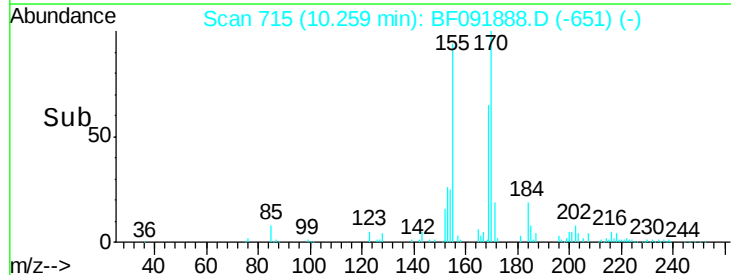
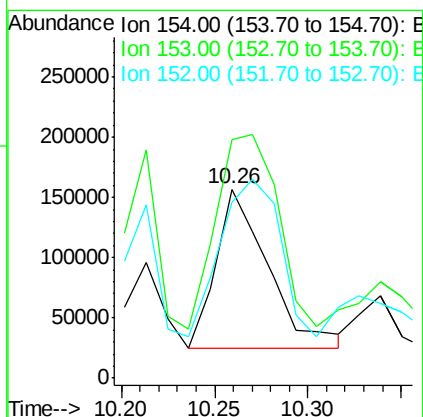
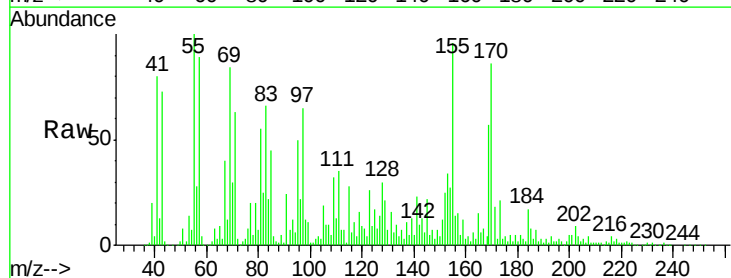
Instrument :
 BNA_F
 ClientSampleId :
 SB-52(0-1)-121916

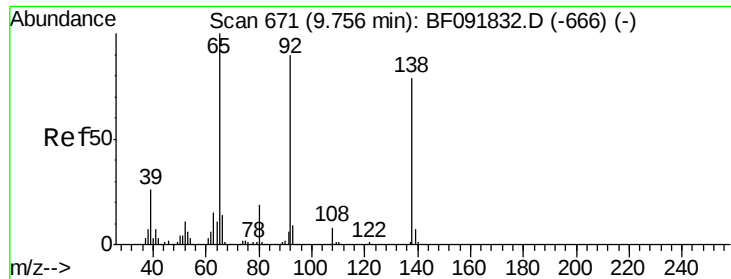
Tgt Ion:165 Resp: 39913
 Ion Ratio Lower Upper
 165 100
 63 84.5 36.2 54.4#
 89 46.9 40.2 60.4



#51
 Acenaphthene
 Concen: 141.69 ng
 RT: 10.26 min Scan# 715
 Delta R.T. 0.43 min
 Lab File: BF091888.D
 Acq: 22 Dec 2016 16:14

Tgt Ion:154 Resp: 257734
 Ion Ratio Lower Upper
 154 100
 153 125.9 88.6 133.0
 152 92.9 41.6 62.4#

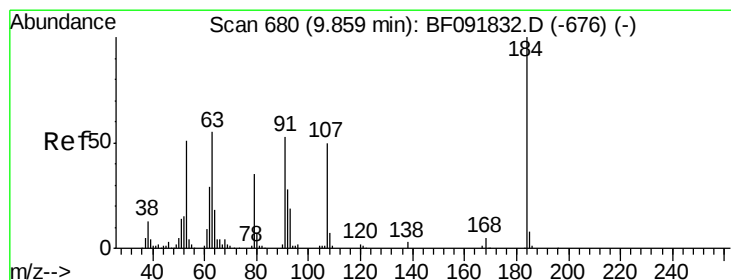
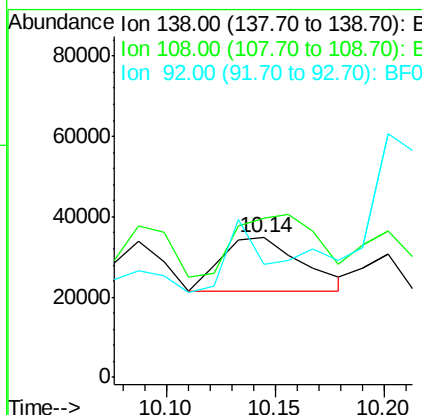
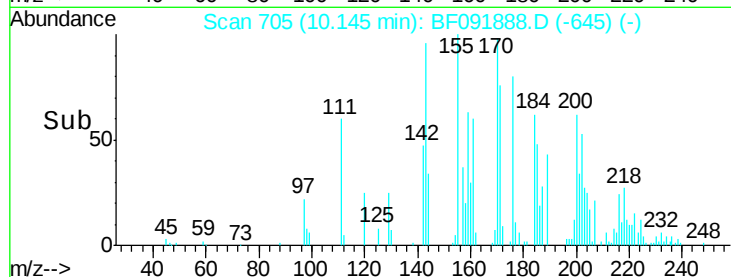
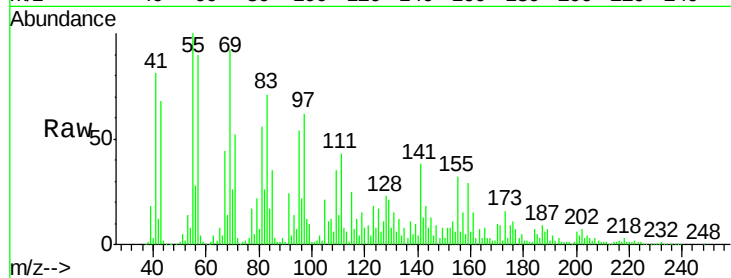




#52
3-Nitroaniline
Concen: 61.62 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.39 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

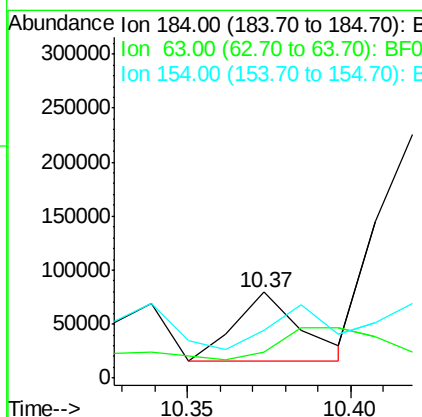
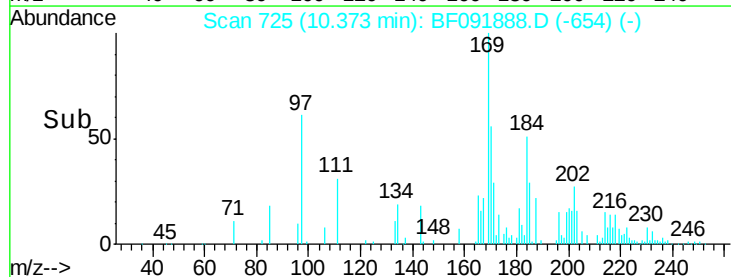
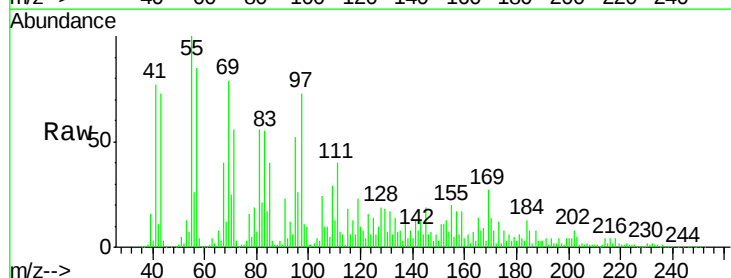
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

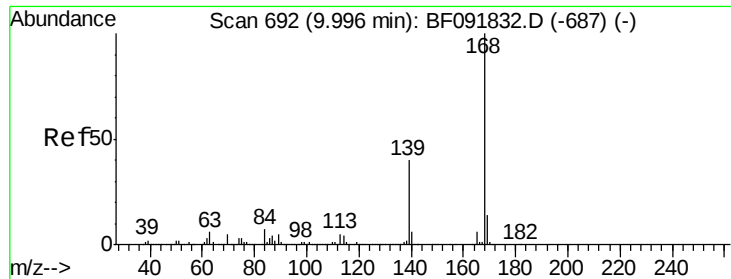
Tgt Ion:138 Resp: 34349
Ion Ratio Lower Upper
138 100
108 114.5 8.5 12.7#
92 81.3 97.8 146.8#



#53
2,4-Dinitrophenol
Concen: 358.14 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.51 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion:184 Resp: 89754
Ion Ratio Lower Upper
184 100
63 30.3 28.4 42.6
154 55.0 44.3 66.5

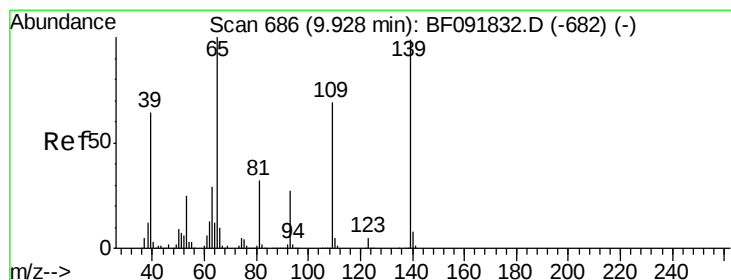
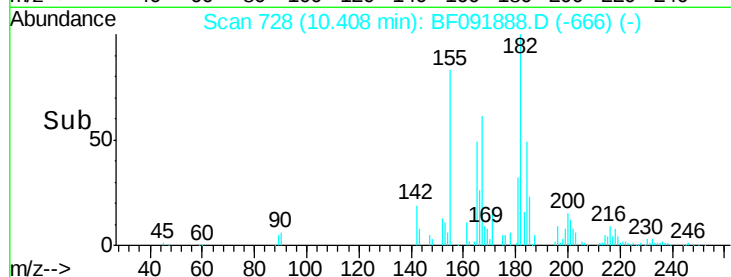
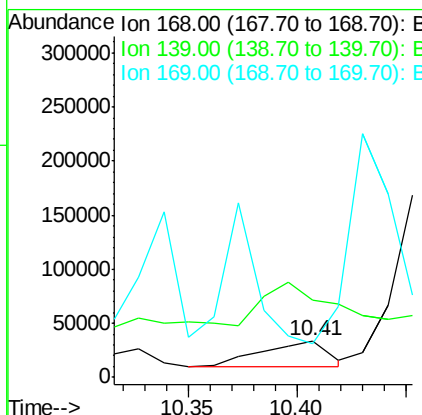
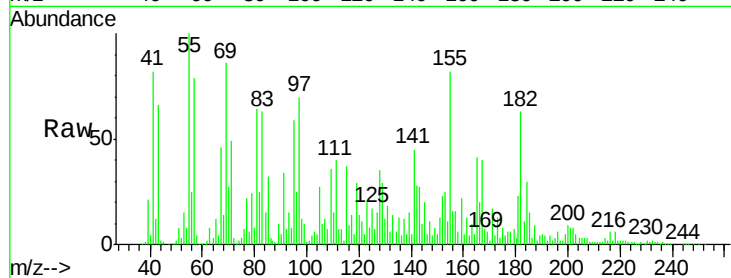




#54
Dibenzofuran
Concen: 20.19 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.41 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

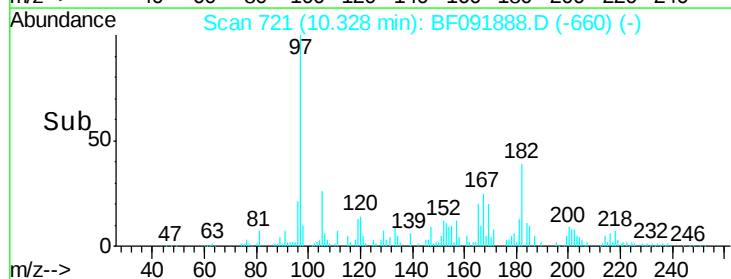
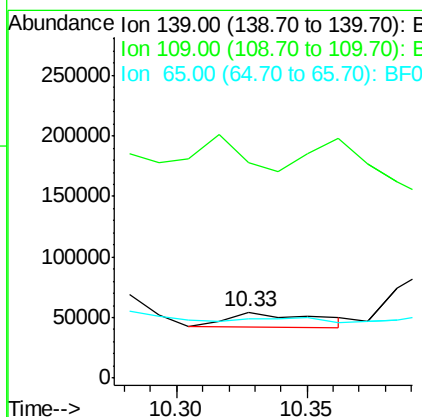
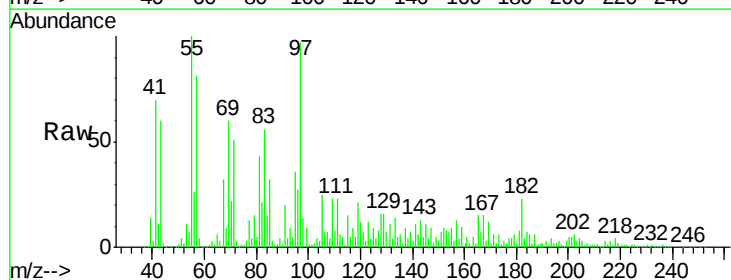
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

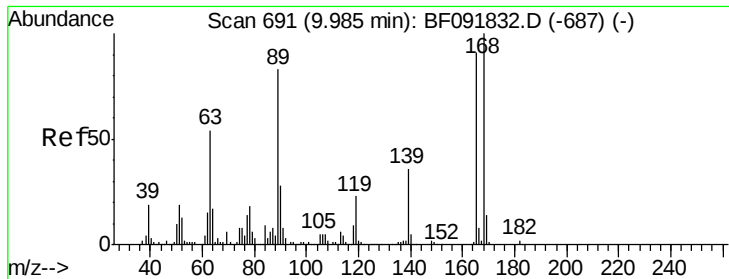
Tgt Ion:168 Resp: 49593
Ion Ratio Lower Upper
168 100
139 210.2 32.6 49.0#
169 91.0 11.3 16.9#



#55
4-Nitrophenol
Concen: 78.25 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.40 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion:139 Resp: 29616
Ion Ratio Lower Upper
139 100
109 326.7 52.2 92.2#
65 90.5 85.8 125.8

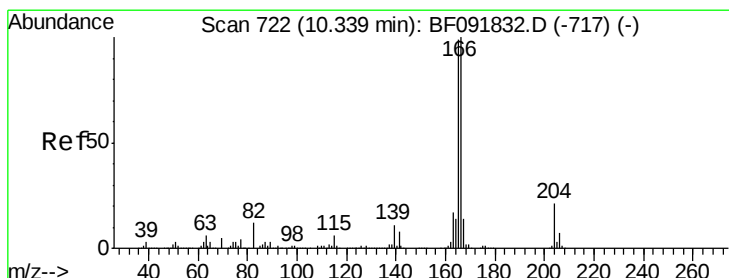
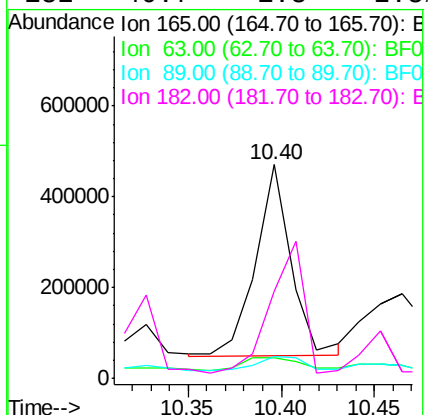
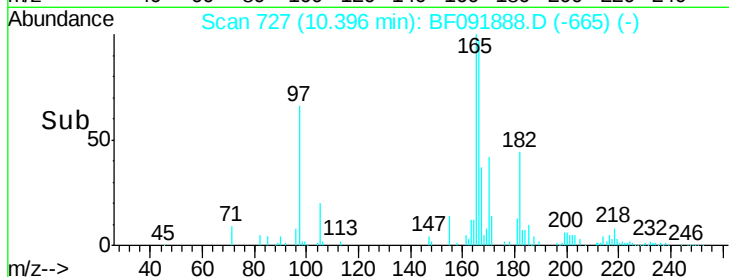
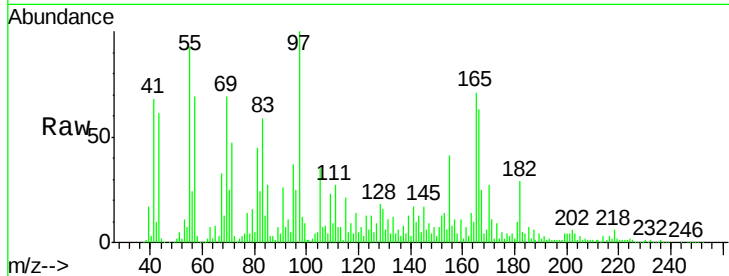




#56
2,4-Dinitrotoluene
Concen: 985.39 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.41 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

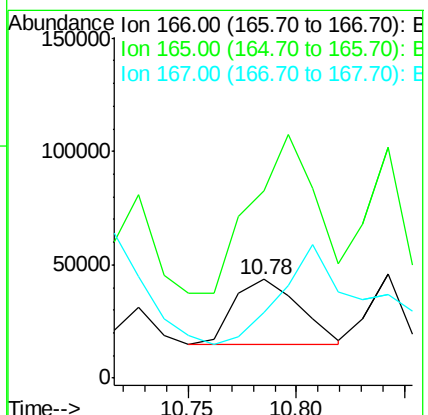
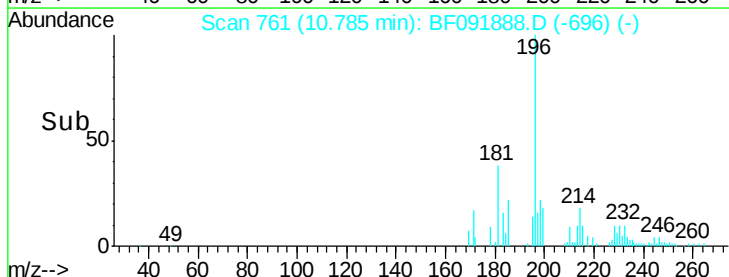
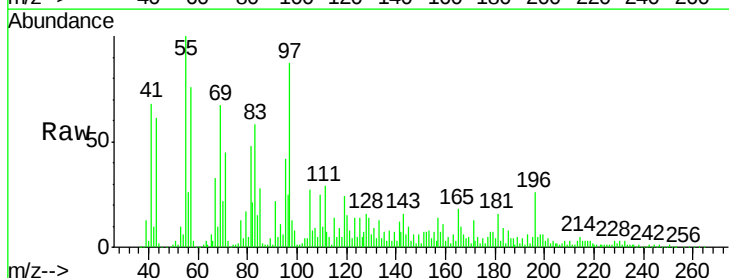
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

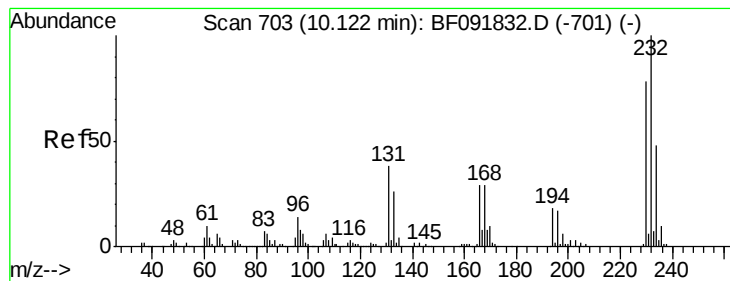
Tgt Ion:165 Resp: 557055
Ion Ratio Lower Upper
165 100
63 9.9 40.2 60.4#
89 10.2 62.5 93.7#
182 40.7 1.8 2.8#



#57
Fluorene
Concen: 33.30 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.45 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion:166 Resp: 59512
Ion Ratio Lower Upper
166 100
165 189.1 77.8 116.8#
167 66.2 10.8 16.2#





#58

2,3,4,6-Tetrachlorophenol

Concen: 32.42 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.43 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

Tgt Ion:232 Resp: 15000

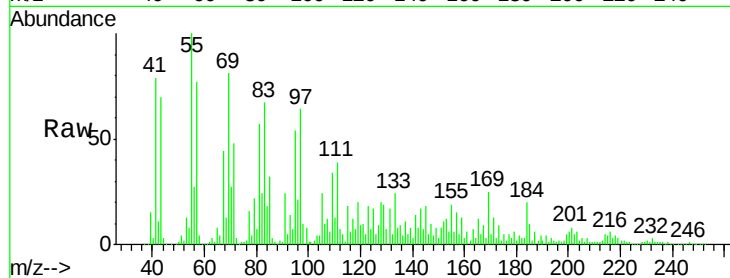
Ion Ratio Lower Upper

232 100

131 544.9 40.1 60.1#

130 319.5 1.8 2.8#

166 0.0 26.6 39.8#



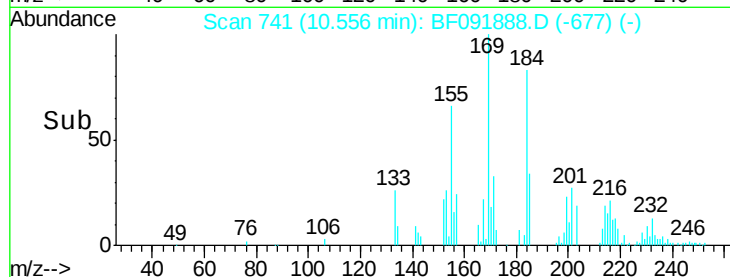
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

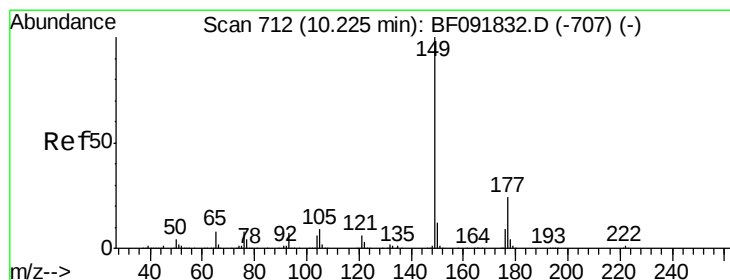
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#59

Diethylphthalate

Concen: 12.18 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.33 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

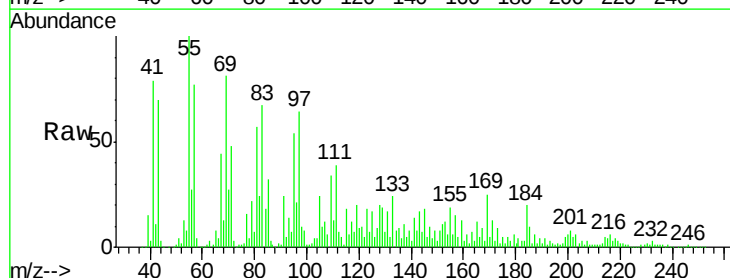
Tgt Ion:149 Resp: 24351

Ion Ratio Lower Upper

149 100

177 60.8 16.6 25.0#

150 40.3 10.4 15.6#

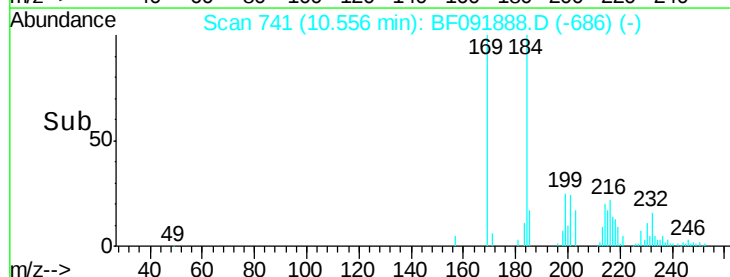


Abundance Ion 149.00 (148.70 to 149.70): E

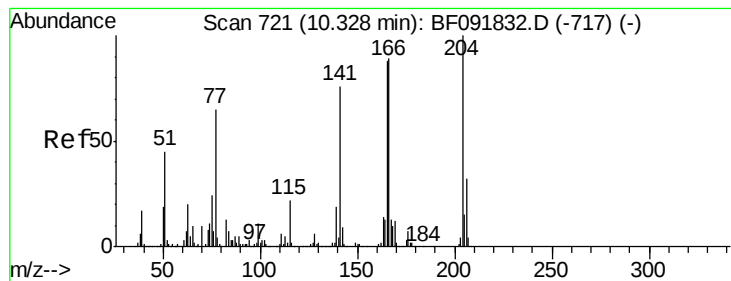
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 13.21 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.43 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

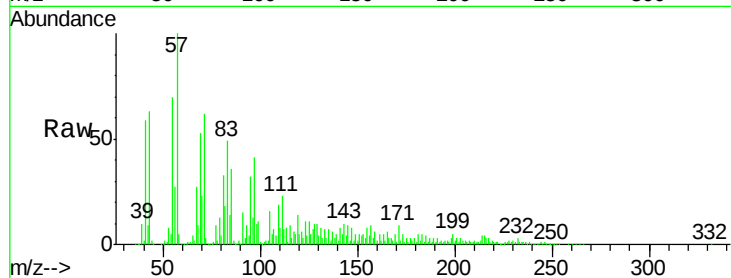
Tgt Ion:204 Resp: 10341

Ion Ratio Lower Upper

204 100

206 46.4 25.8 38.6#

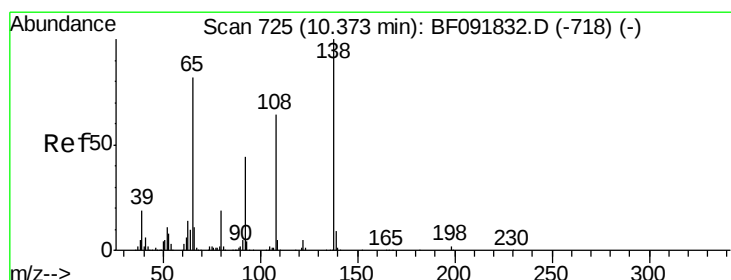
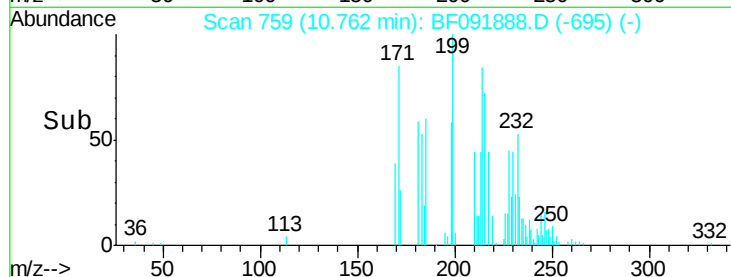
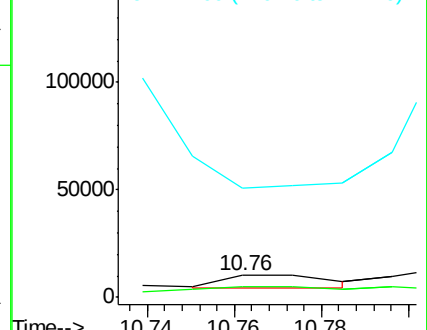
141 495.8 59.4 89.0#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 38.82 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.39 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

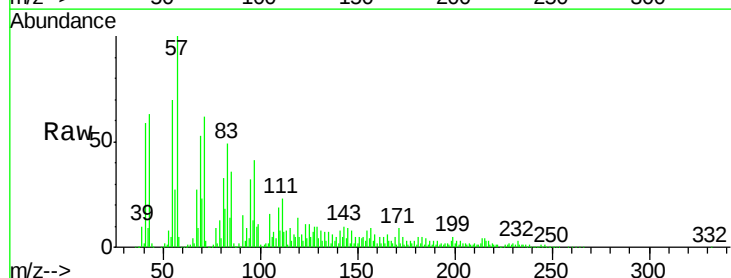
Tgt Ion:138 Resp: 22421

Ion Ratio Lower Upper

138 100

92 112.6 31.7 71.7#

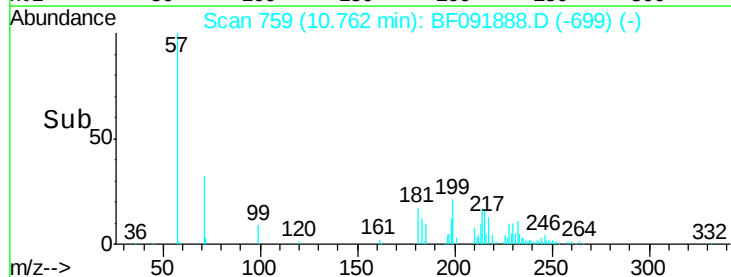
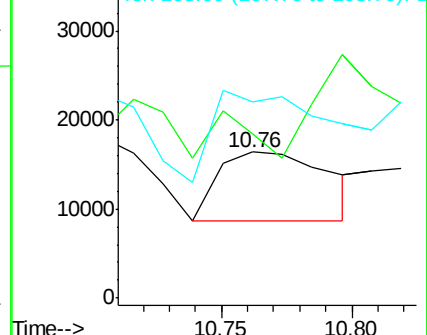
108 134.5 52.6 92.6#

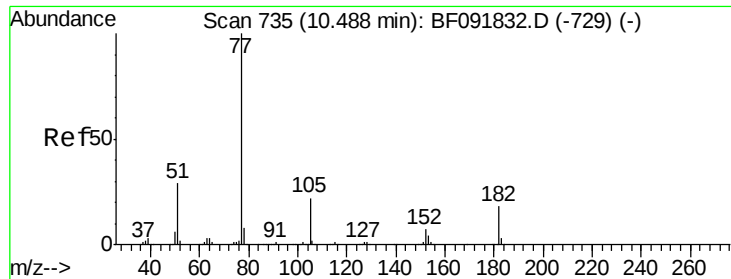


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 45.24 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.32 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

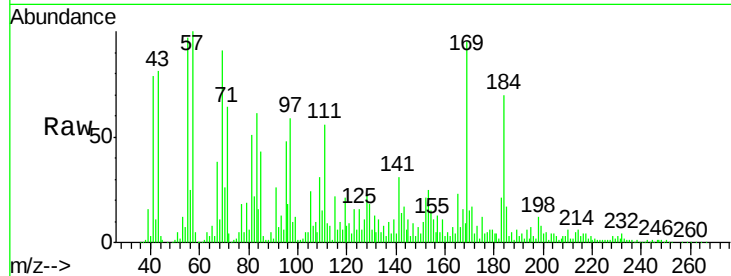
ClientSampleId :

SB-52(0-1)-121916

Tgt Ion: 77 Resp: 99534

Ion Ratio Lower Upper

77	100		
182	11.6	0.0	39.3
105	133.2	2.3	42.3#
51	28.6	8.9	48.9

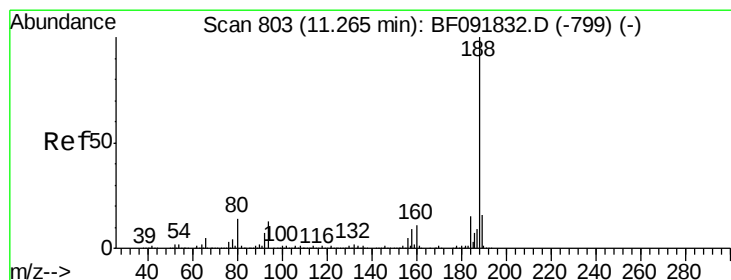
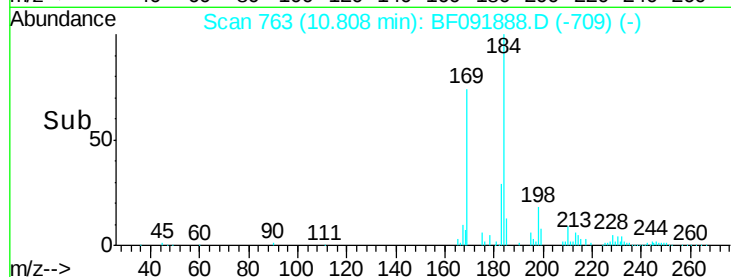
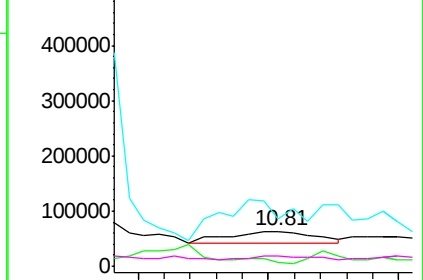


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.70 min Scan# 841

Delta R.T. 0.43 min

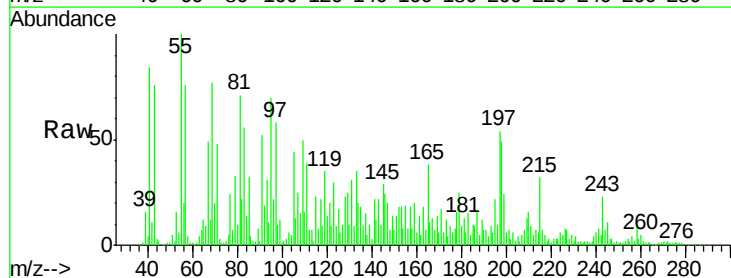
Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Tgt Ion: 188 Resp: 3605

Ion Ratio Lower Upper

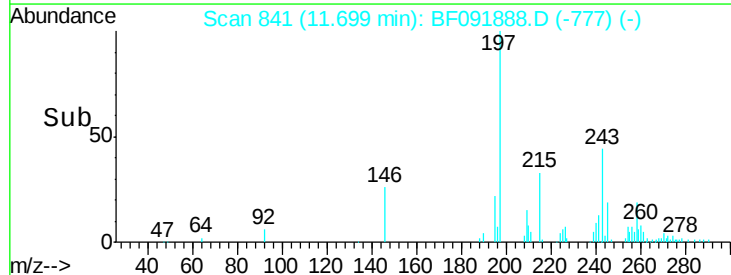
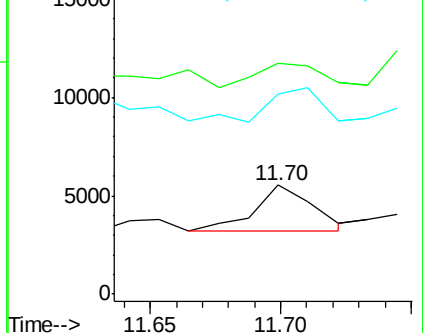
188	100		
94	211.8	10.0	15.0#
80	184.0	11.2	16.8#

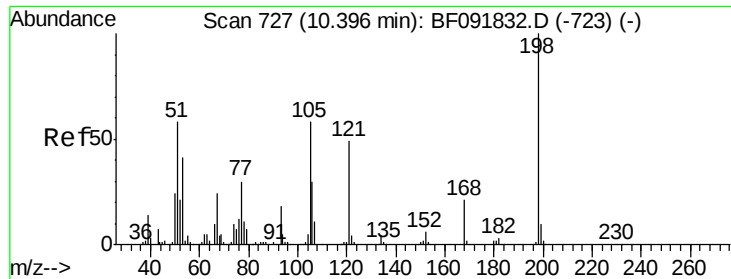


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3507.60 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.41 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

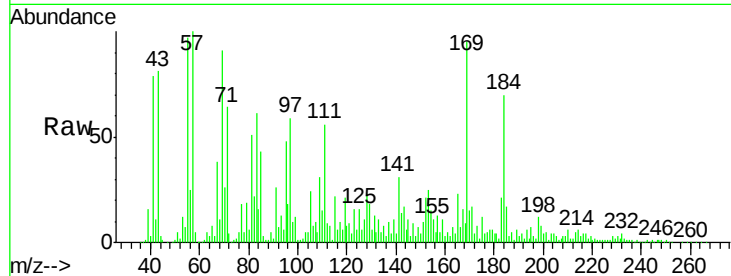
Tgt Ion:198 Resp: 76463

Ion Ratio Lower Upper

198 100

51 41.4 6.7 46.7

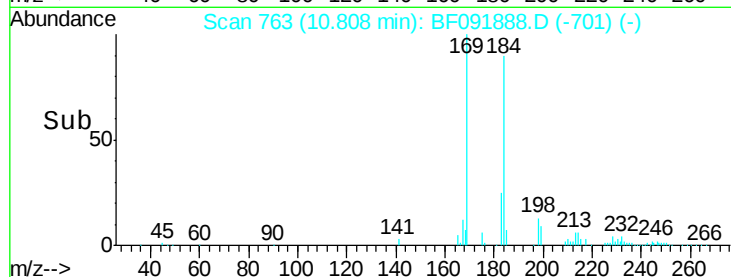
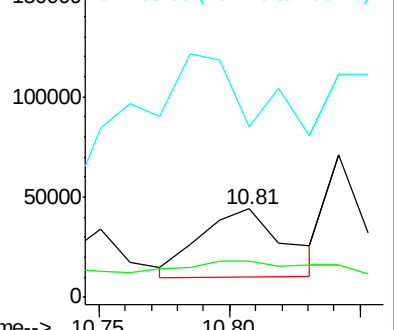
105 192.3 16.6 56.6#



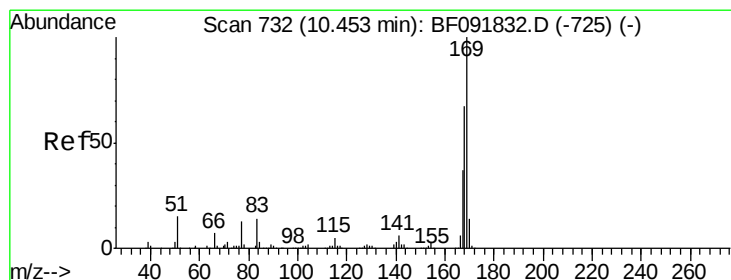
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 7870.85 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.35 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

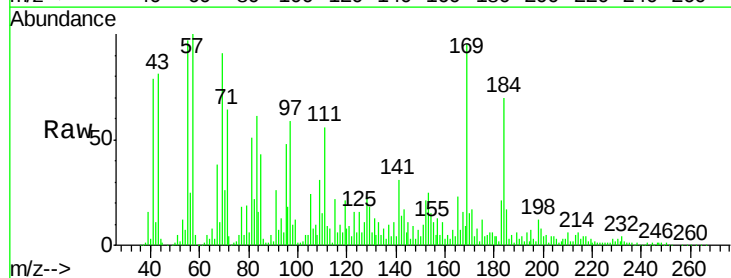
Tgt Ion:169 Resp: 841965

Ion Ratio Lower Upper

169 100

168 9.0 54.2 81.2#

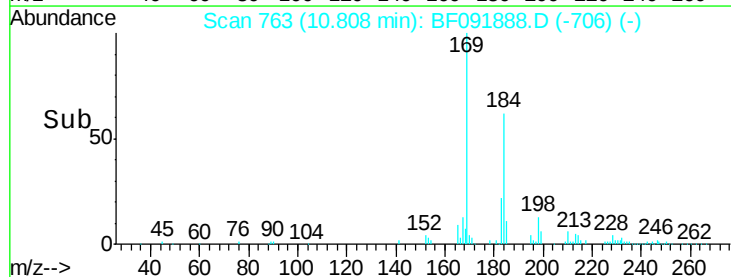
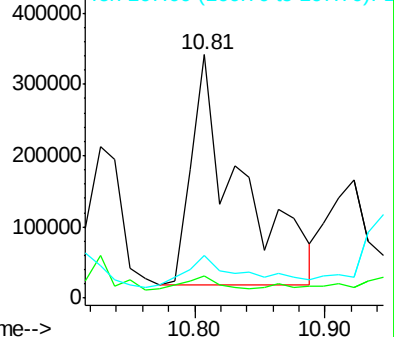
167 17.3 30.2 45.4#



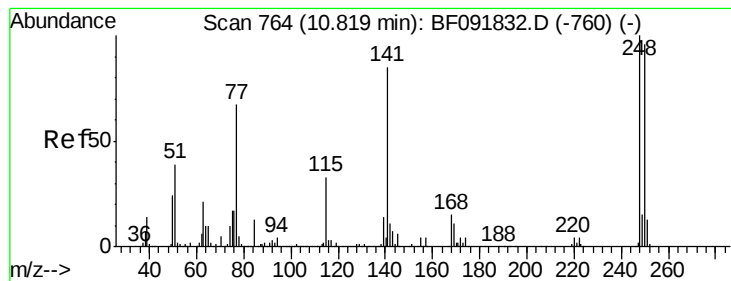
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 25.92 ng

RT: 11.16 min Scan# 794

Delta R.T. 0.34 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

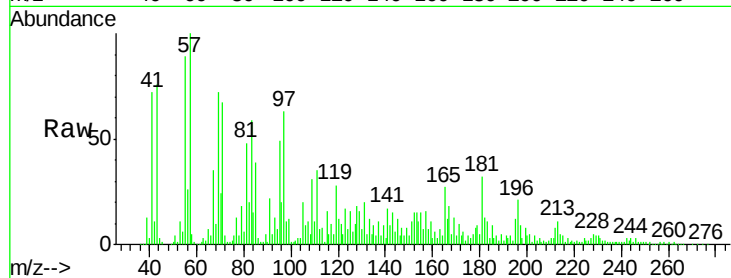
Tgt Ion:248 Resp: 972

Ion Ratio Lower Upper

248 100

250 86.0 76.9 115.3

141 1643.3 68.2 102.4#

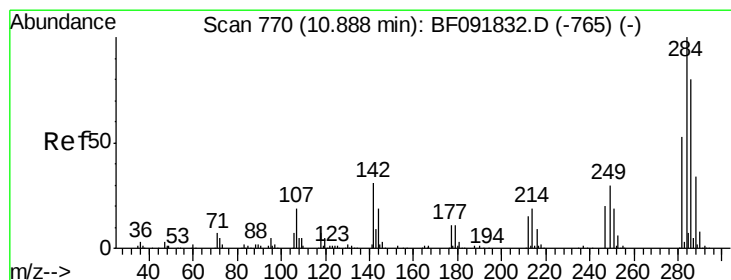
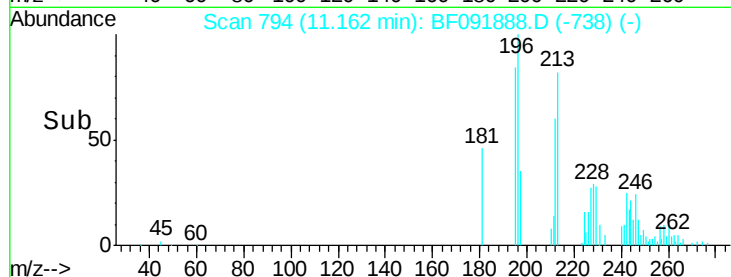
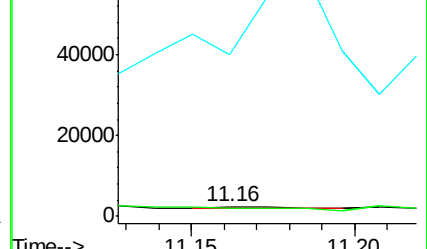


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#67

Hexachlorobenzene

Concen: 6.24 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.61 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

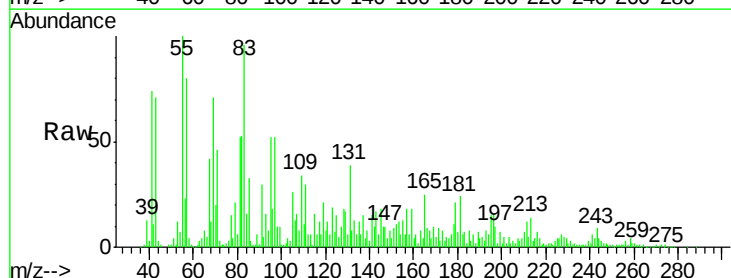
Tgt Ion:284 Resp: 250

Ion Ratio Lower Upper

284 100

142 4337.6 22.6 33.8#

249 474.5 25.4 38.0#

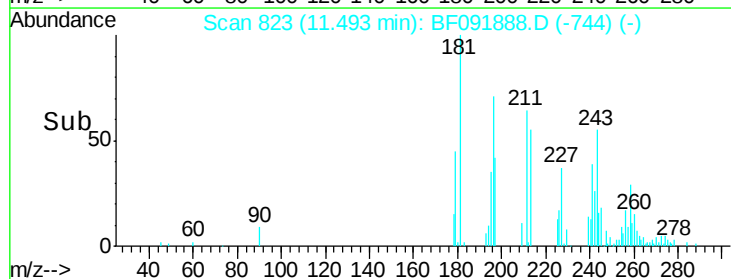
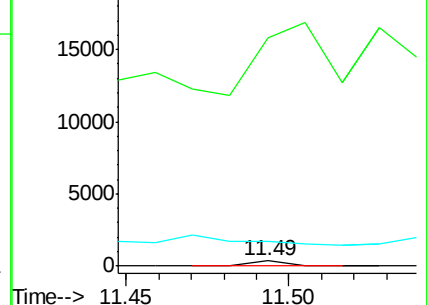


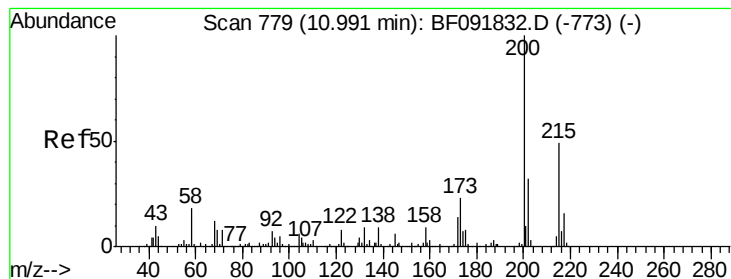
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->





#68

Atrazine

Concen: 368.71 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.43 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

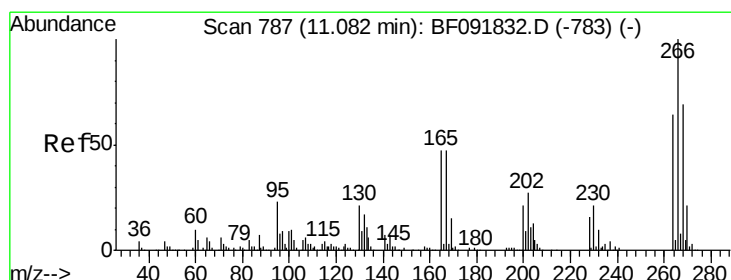
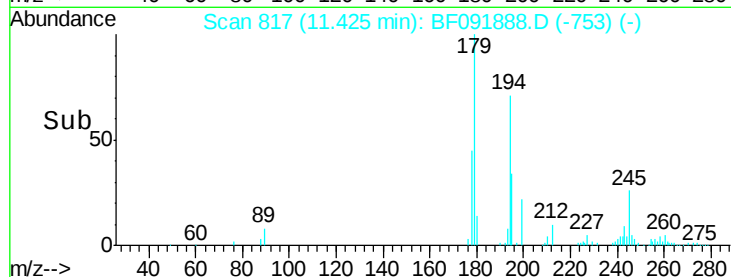
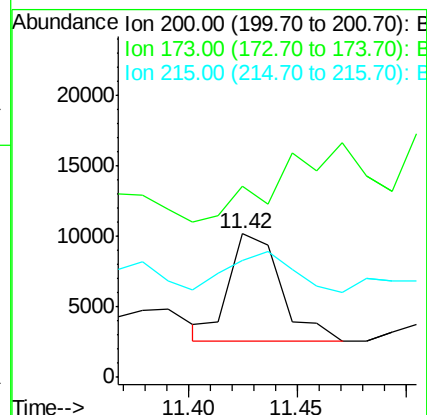
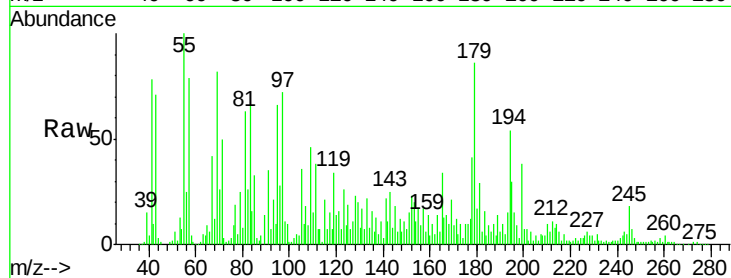
Tgt Ion:200 Resp: 12723

Ion Ratio Lower Upper

200 100

173 133.3 9.6 49.6#

215 81.8 25.7 65.7#



#69

Pentachlorophenol

Concen: 144.96 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.43 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

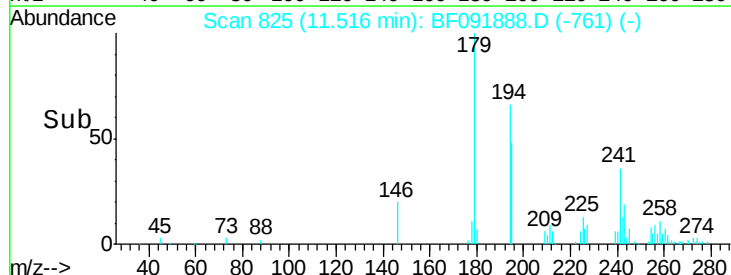
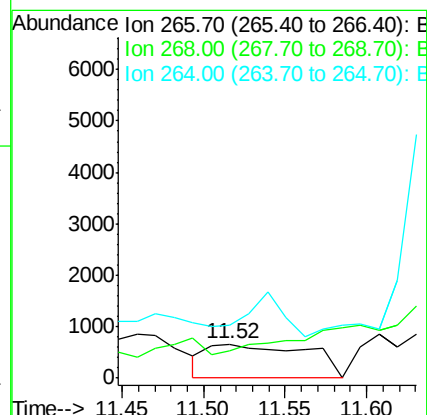
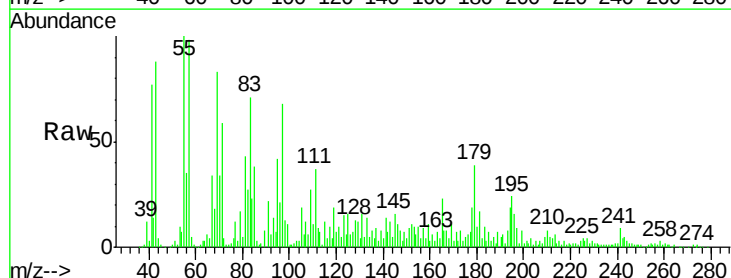
Tgt Ion:266 Resp: 2851

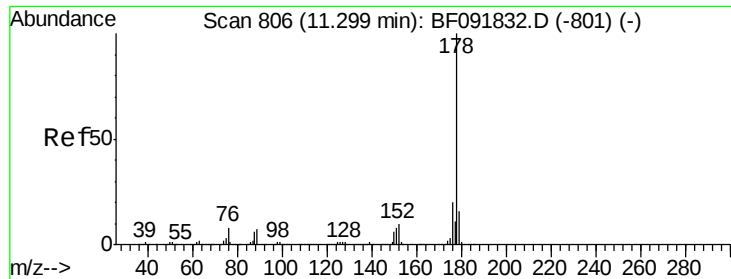
Ion Ratio Lower Upper

266 100

268 79.4 53.3 79.9

264 154.5 50.3 75.5#

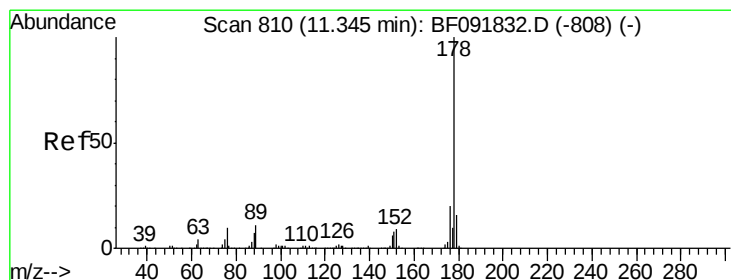
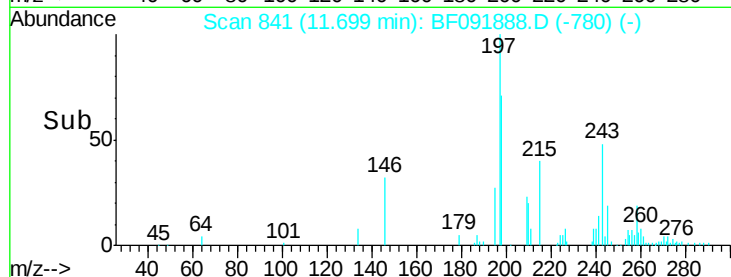
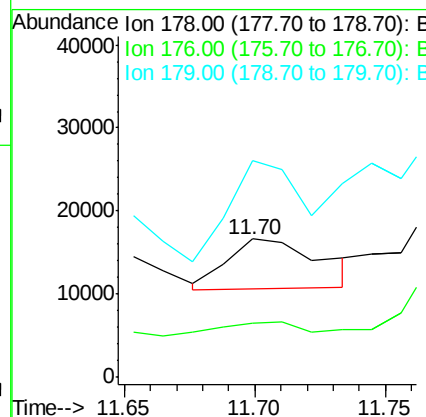
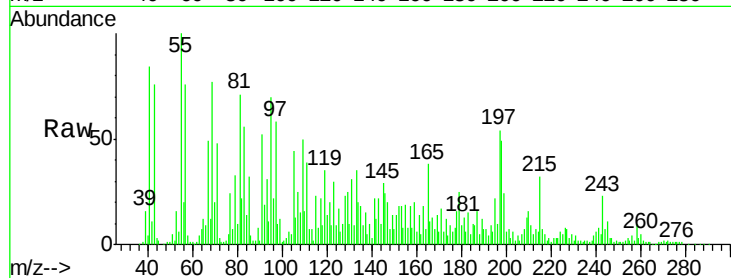




#70
Phenanthrene
Concen: 74.43 ng
RT: 11.70 min Scan# 841
Delta R.T. 0.40 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

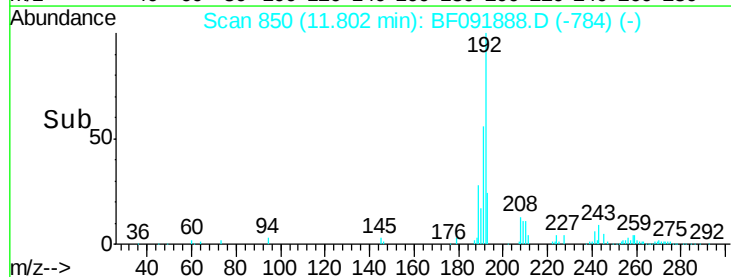
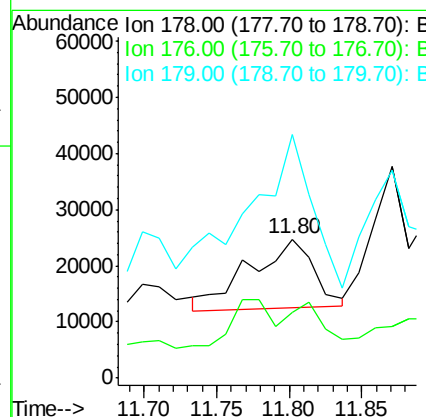
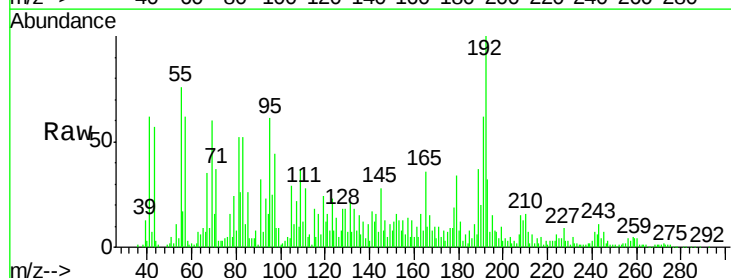
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

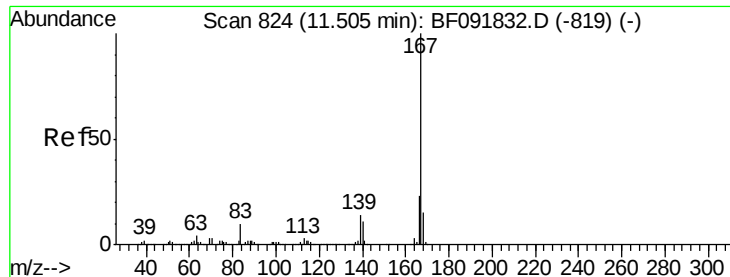
Tgt Ion:178 Resp: 14550
Ion Ratio Lower Upper
178 100
176 39.1 16.6 25.0#
179 156.4 12.8 19.2#



#71
Anthracene
Concen: Below Cal
RT: 11.80 min Scan# 850
Delta R.T. 0.46 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion:178 Resp: 37507
Ion Ratio Lower Upper
178 100
176 47.2 15.9 23.9#
179 175.6 13.2 19.8#





#72

Carbazole

Concen: Below Cal

RT: 11.97 min Scan# 865

Delta R.T. 0.47 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

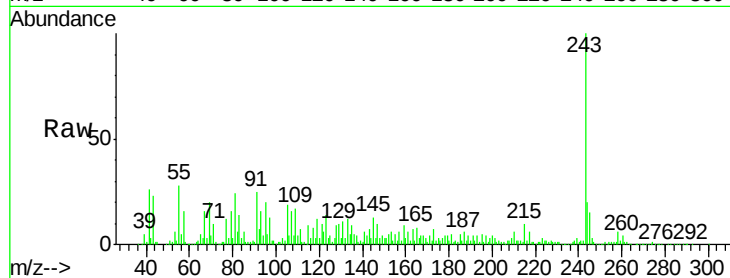
Tgt Ion:167 Resp: 9707

Ion Ratio Lower Upper

167 100

166 72.4 18.2 27.2#

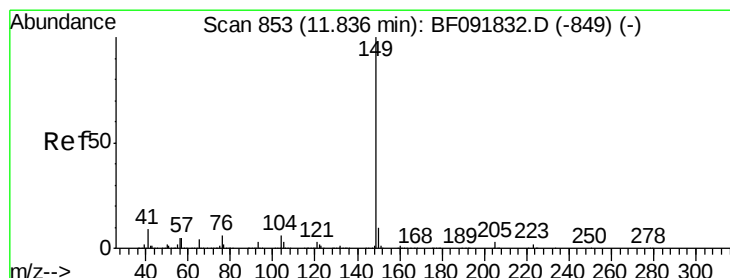
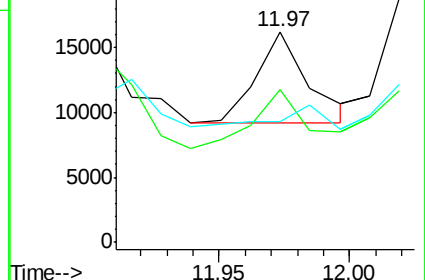
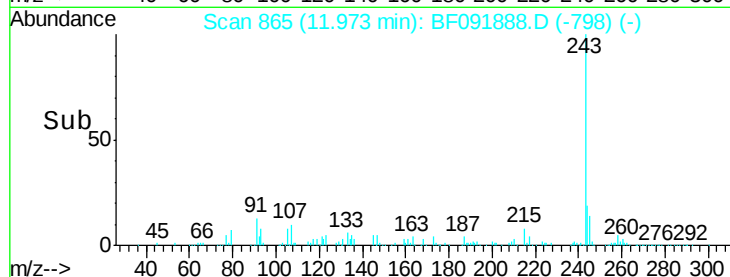
139 57.6 11.4 17.2#



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: 42.36 ng

RT: 12.36 min Scan# 899

Delta R.T. 0.53 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

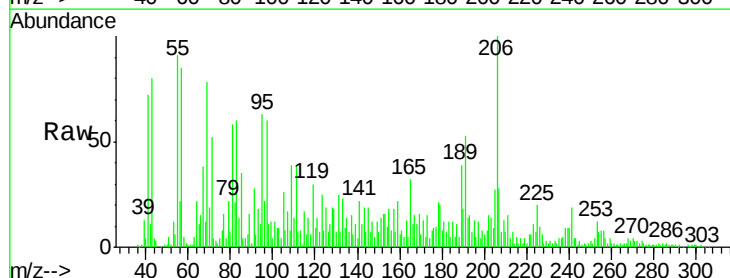
Tgt Ion:149 Resp: 7890

Ion Ratio Lower Upper

149 100

150 58.7 8.1 12.1#

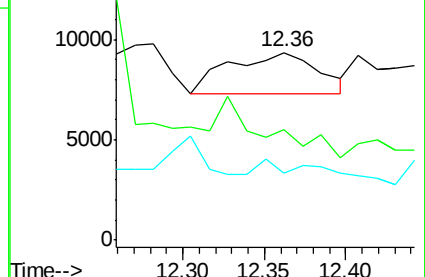
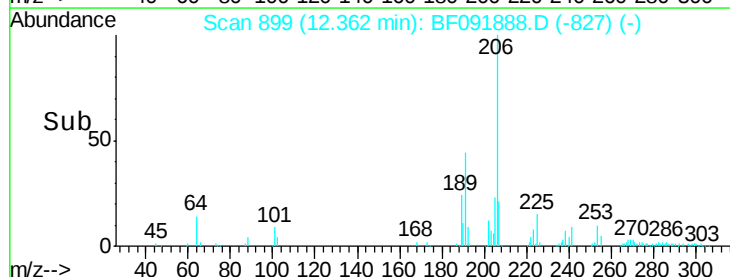
104 35.6 4.6 7.0#

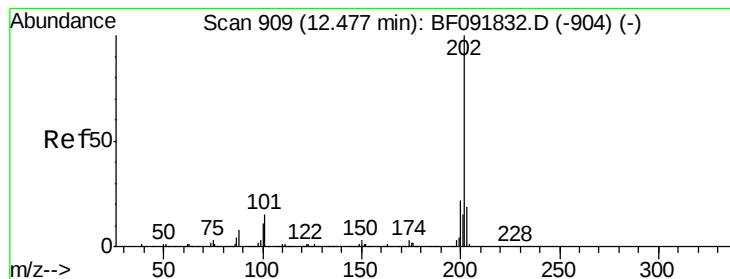


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 678.77 ng

RT: 12.72 min Scan# 930

Delta R.T. 0.24 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

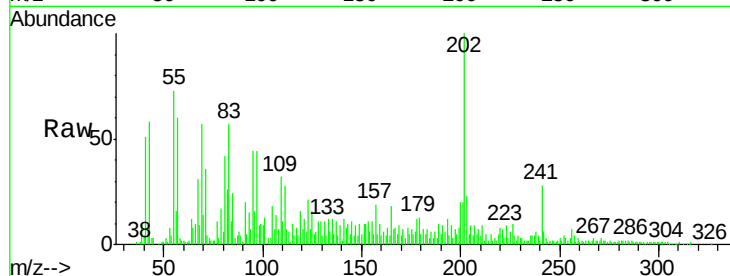
Tgt Ion:202 Resp: 107170

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.6

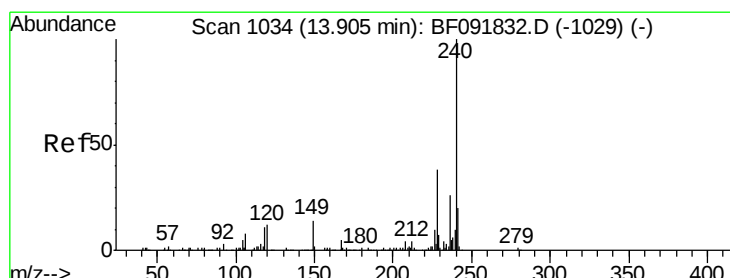
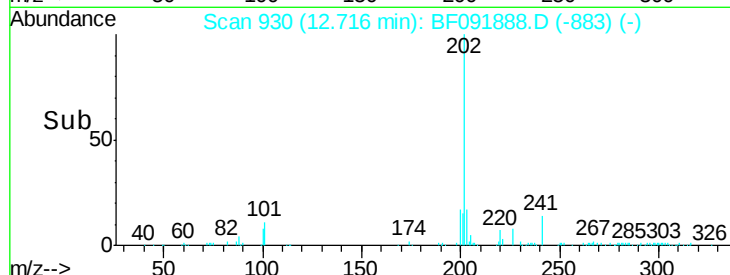
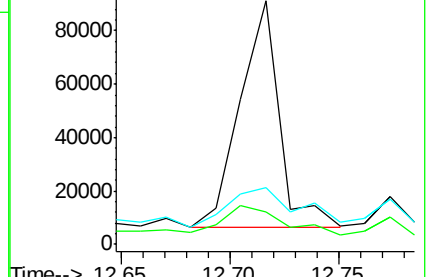
203 23.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.42 min Scan# 1079

Delta R.T. 0.51 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

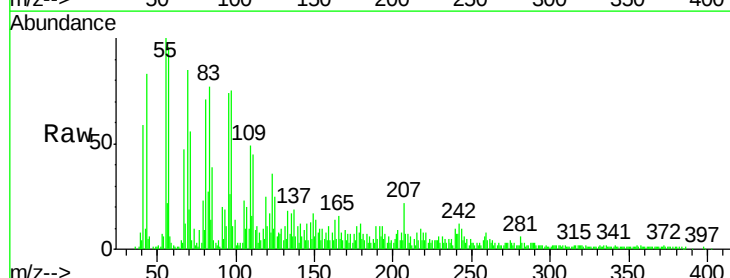
Tgt Ion:240 Resp: 7379

Ion Ratio Lower Upper

240 100

120 164.8 12.9 19.3#

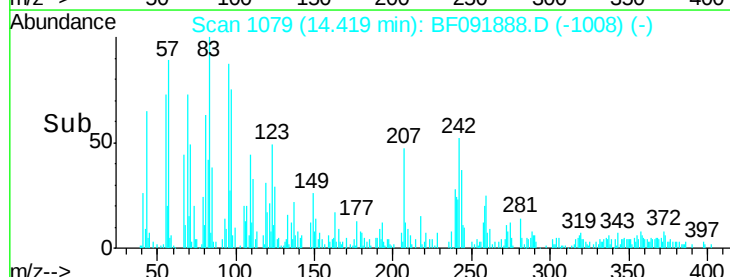
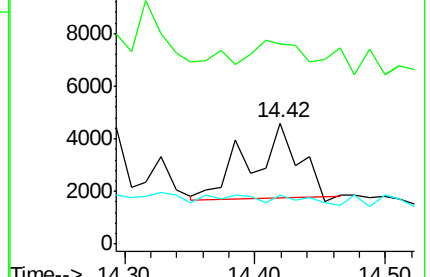
236 40.3 20.9 31.3#

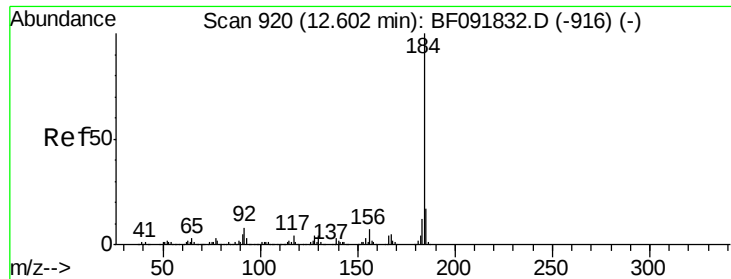


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.21 ng

RT: 13.06 min Scan# 960

Delta R.T. 0.46 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

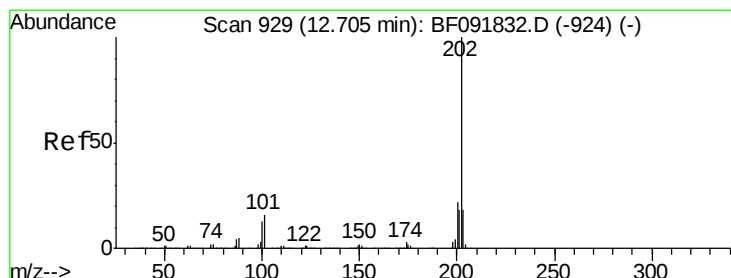
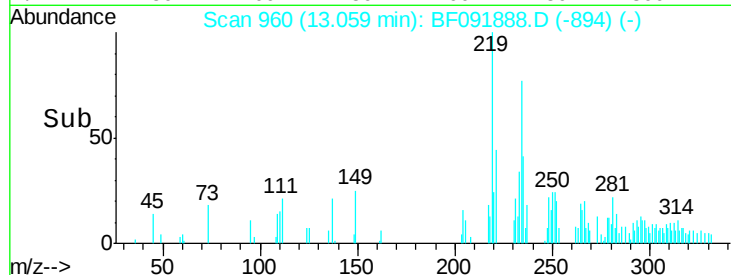
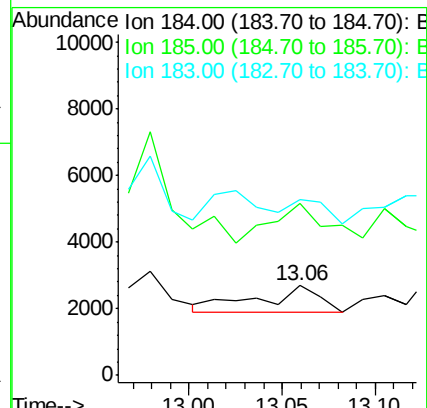
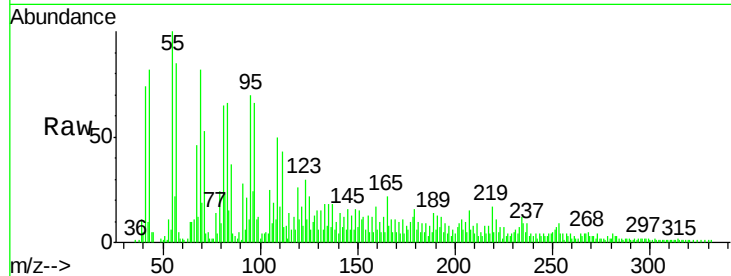
Tgt Ion:184 Resp: 1789

Ion Ratio Lower Upper

184 100

185 192.1 13.4 20.0#

183 196.6 9.2 13.8#



#77

Pyrene

Concen: 16.83 ng

RT: 13.14 min Scan# 967

Delta R.T. 0.43 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

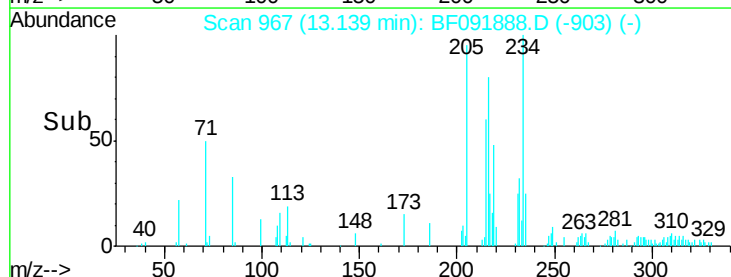
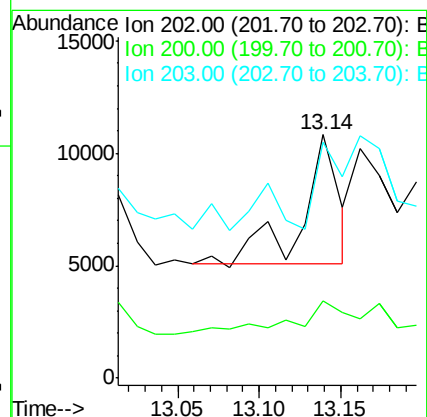
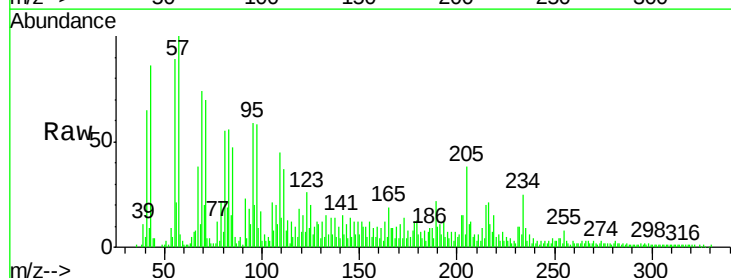
Tgt Ion:202 Resp: 9111

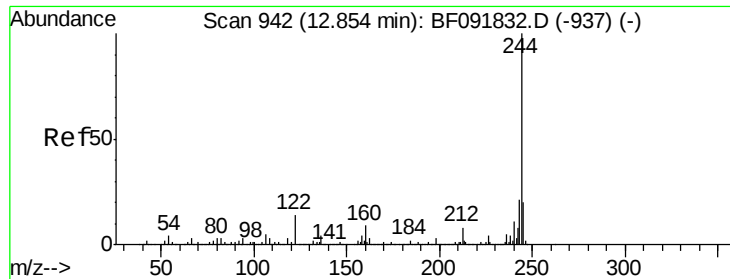
Ion Ratio Lower Upper

202 100

200 31.6 17.7 26.5#

203 97.1 14.7 22.1#





#78

Terphenyl-d14

Concen: 3.53 ng

RT: 13.32 min Scan# 983

Delta R.T. 0.47 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

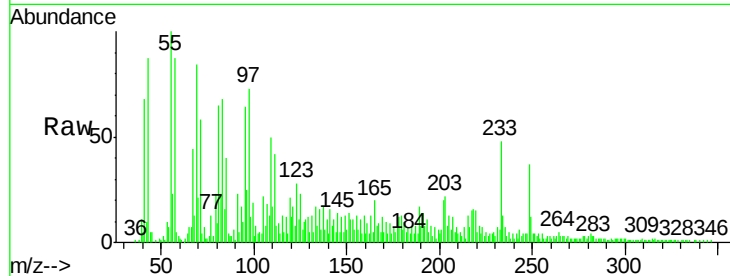
Tgt Ion:244 Resp: 1073

Ion Ratio Lower Upper

244 100

212 93.2 6.2 9.2#

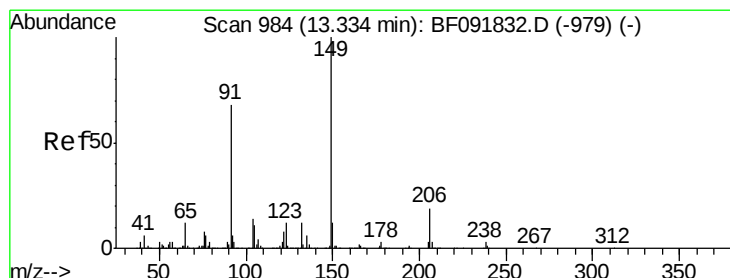
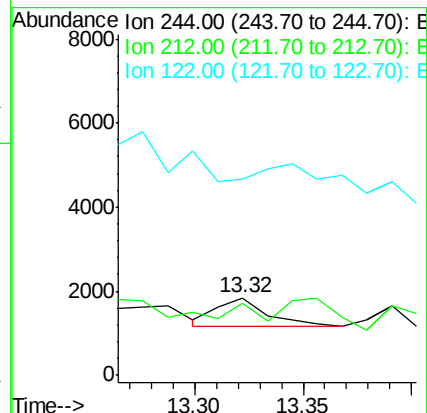
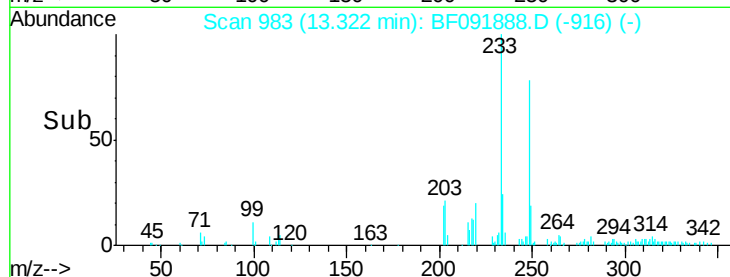
122 254.5 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 11.58 ng

RT: 13.79 min Scan# 1024

Delta R.T. 0.46 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

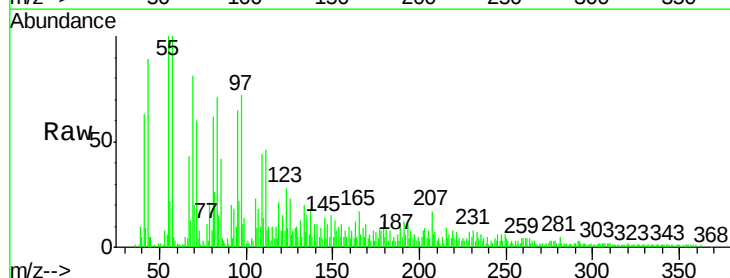
Tgt Ion:149 Resp: 2852

Ion Ratio Lower Upper

149 100

91 133.0 63.9 95.9#

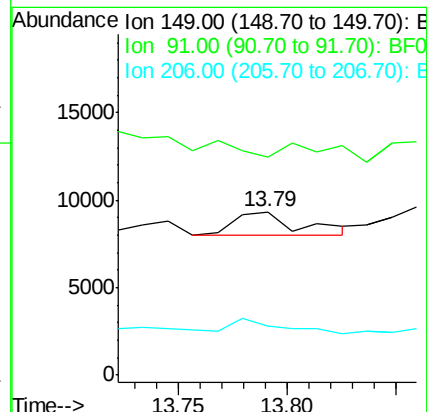
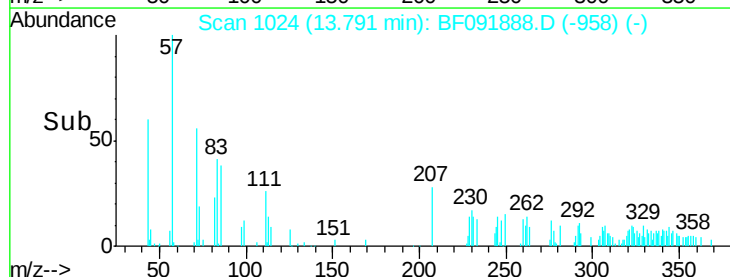
206 29.6 14.6 21.8#

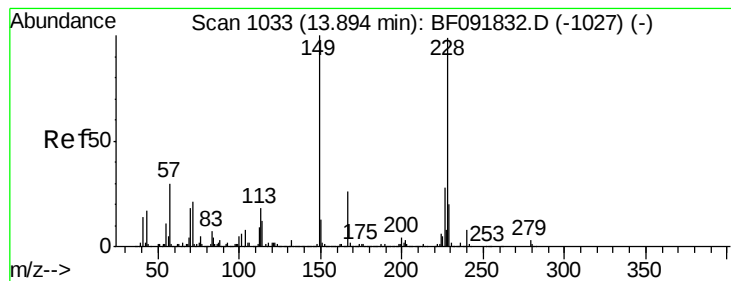


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 7.32 ng

RT: 14.35 min Scan# 1073

Delta R.T. 0.46 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

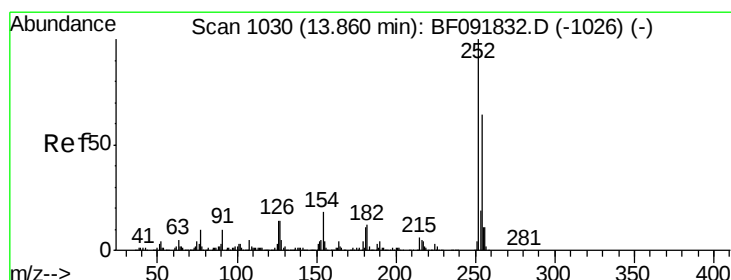
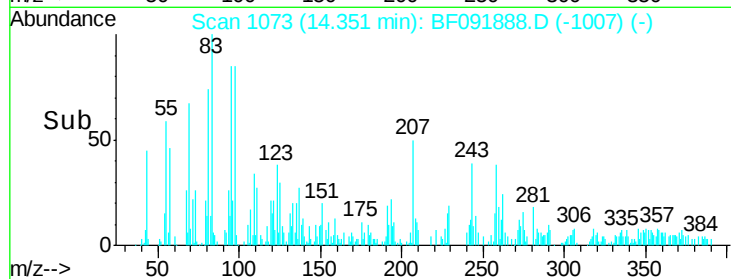
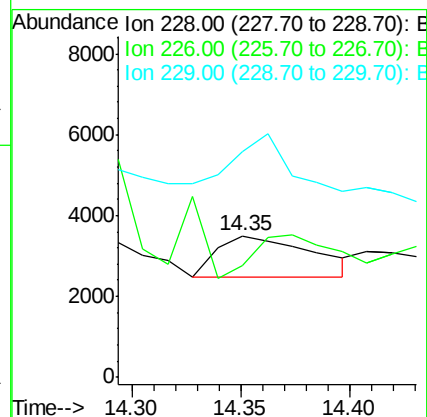
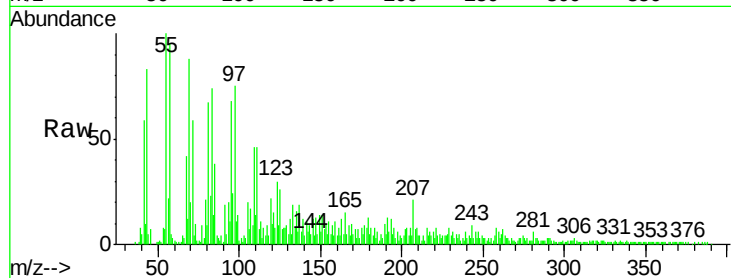
Tgt Ion:228 Resp: 3048

Ion Ratio Lower Upper

228 100

226 79.4 22.4 33.6#

229 159.5 16.2 24.4#



#81

3,3'-Dichlorobenzidine

Concen: 9.50 ng

RT: 14.39 min Scan# 1076

Delta R.T. 0.53 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

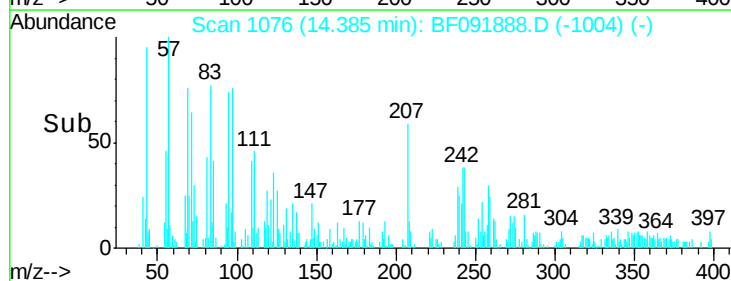
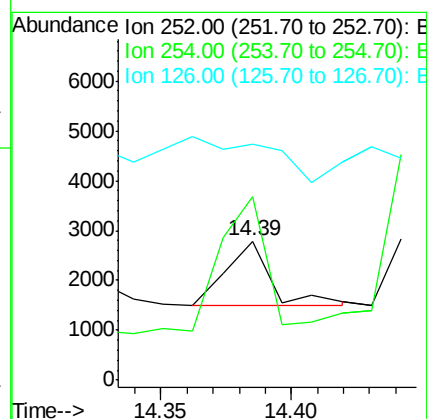
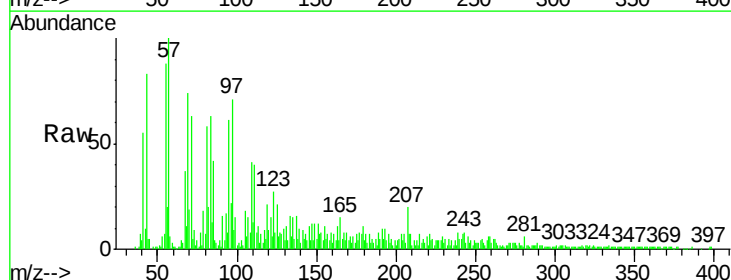
Tgt Ion:252 Resp: 1501

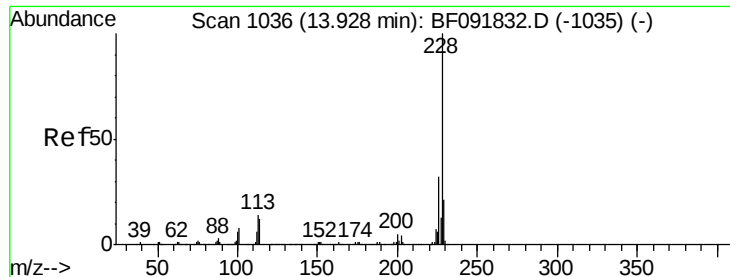
Ion Ratio Lower Upper

252 100

254 131.6 52.3 78.5#

126 169.9 13.6 20.4#





#82

Chrysene

Concen: 4.06 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.56 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

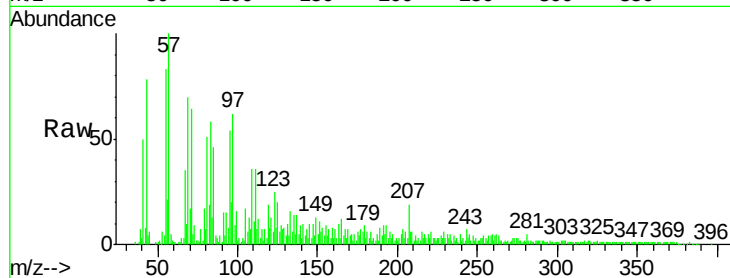
Tgt Ion:228 Resp: 1698

Ion Ratio Lower Upper

228 100

226 98.3 25.4 38.0#

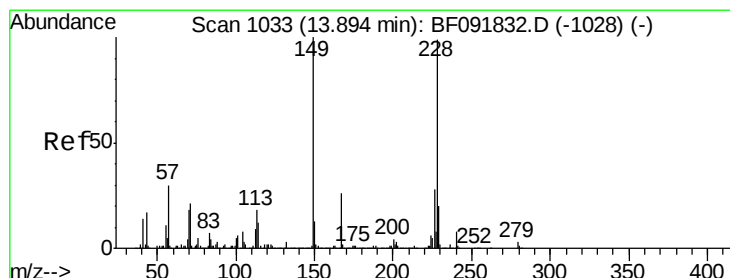
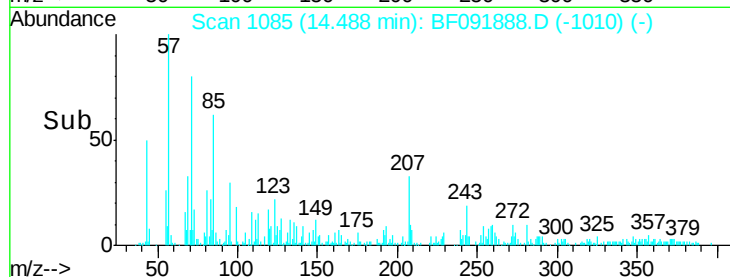
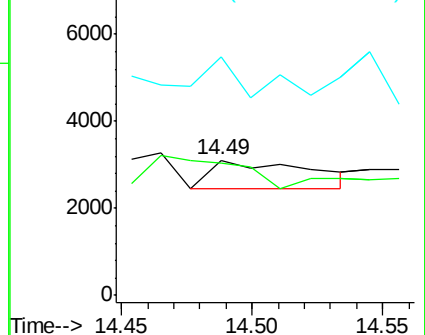
229 176.6 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.81 ng

RT: 14.42 min Scan# 1079

Delta R.T. 0.53 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

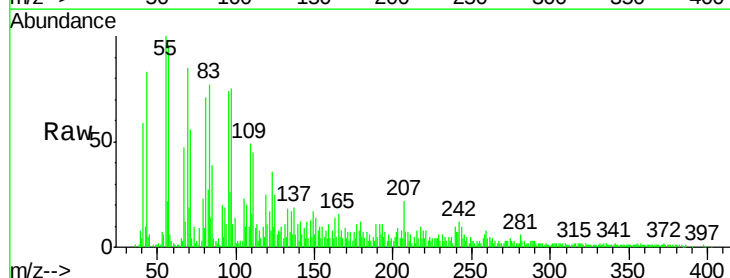
Tgt Ion:149 Resp: 9513

Ion Ratio Lower Upper

149 100

167 46.0 20.2 30.4#

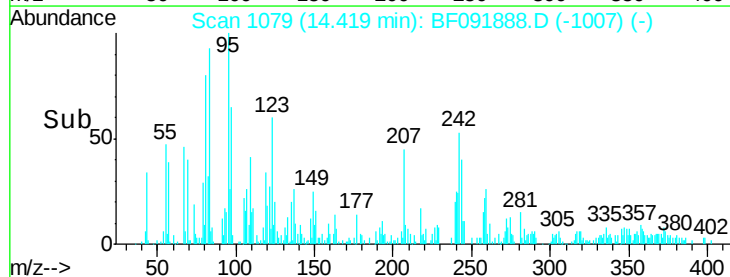
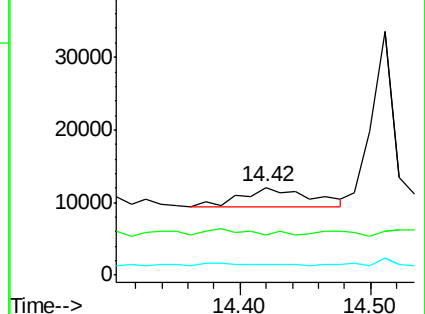
279 11.8 1.8 2.8#

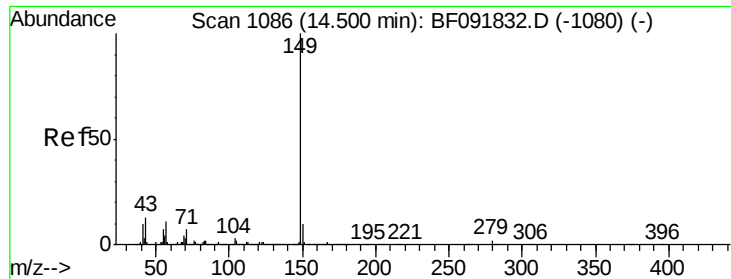


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

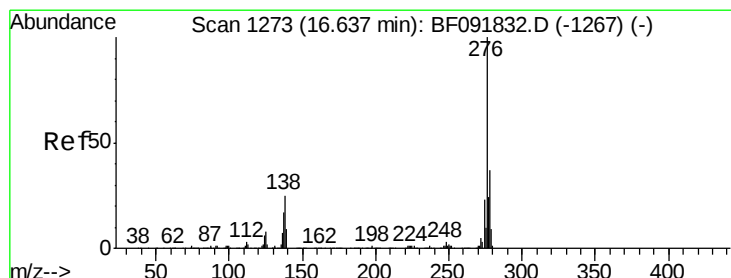
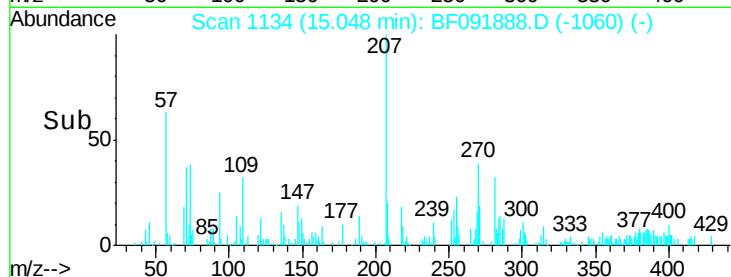
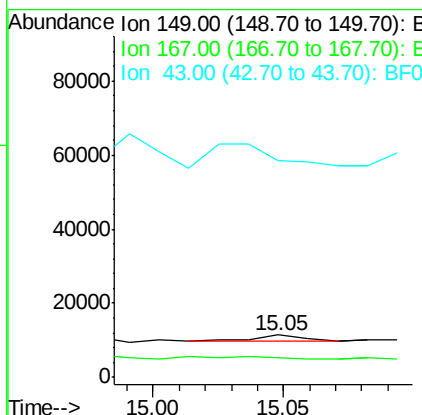
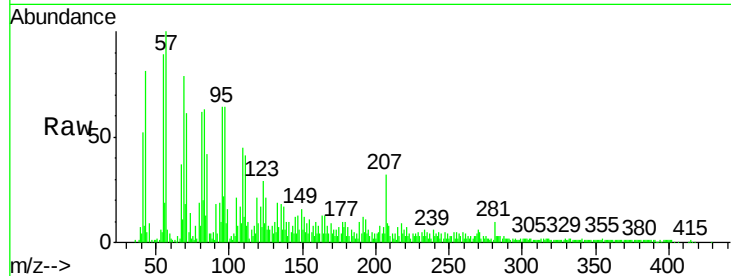




#84
Di-n-octyl phthalate
Concen: 4.21 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.55 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

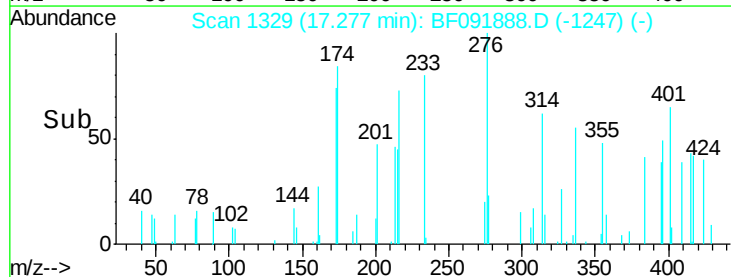
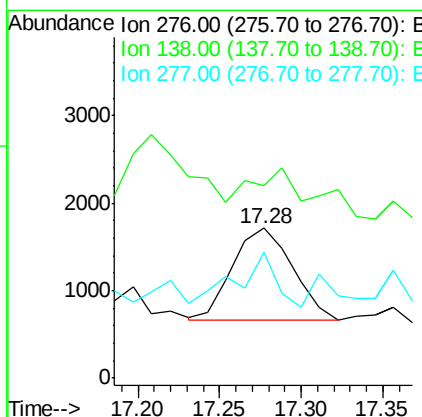
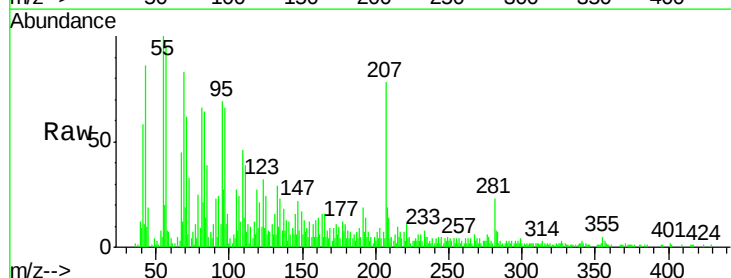
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

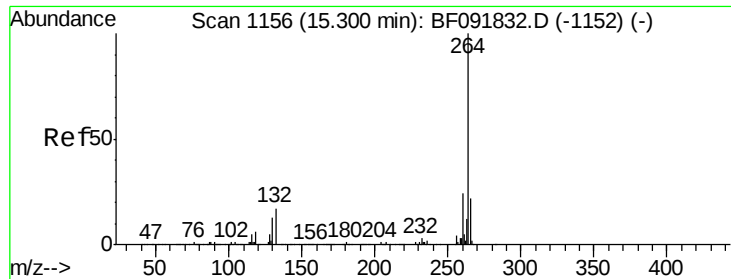
Tgt Ion:149 Resp: 2260
Ion Ratio Lower Upper
149 100
167 115.0 1.3 1.9#
43 0.0 8.9 13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.31 ng
RT: 17.28 min Scan# 1329
Delta R.T. 0.64 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion:276 Resp: 2645
Ion Ratio Lower Upper
276 100
138 57.0 21.8 32.6#
277 39.9 20.2 30.4#

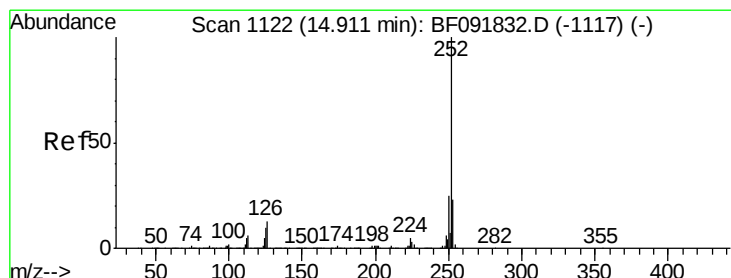
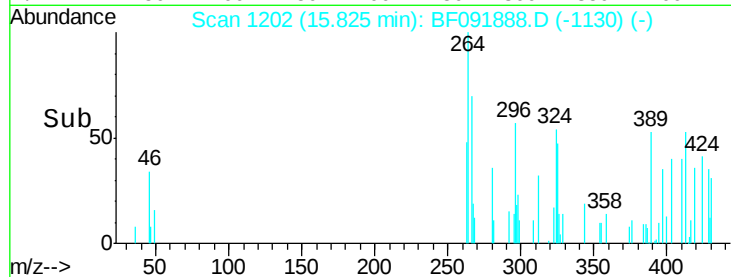
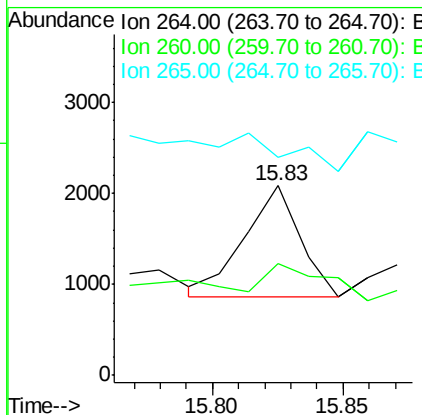
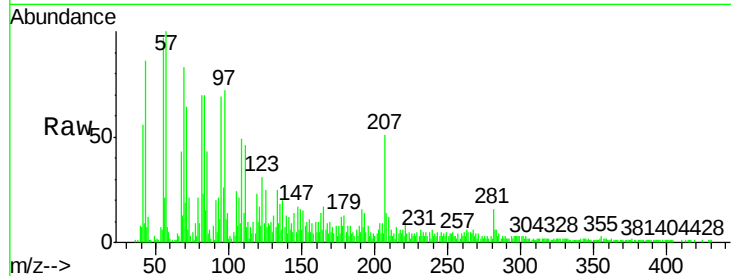




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1202
Delta R.T. 0.53 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

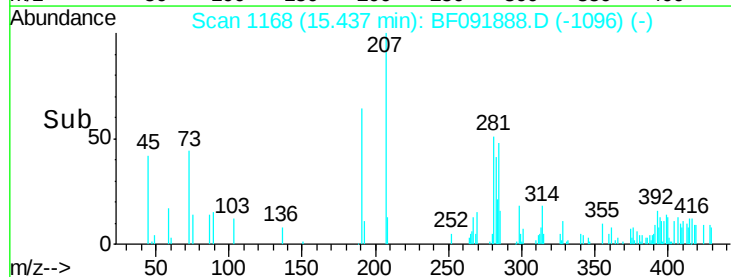
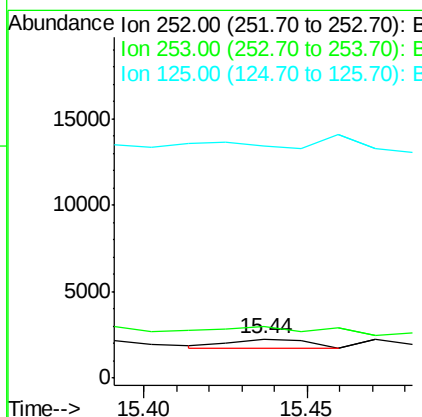
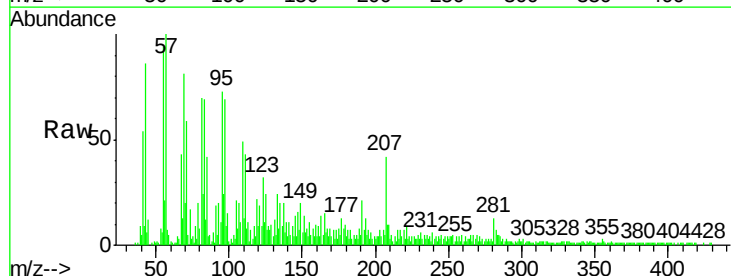
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

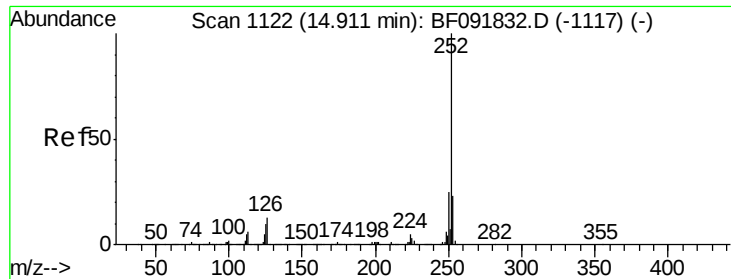
Tgt Ion: 264 Resp: 1811
Ion Ratio Lower Upper
264 100
260 58.7 19.2 28.8#
265 114.9 17.4 26.0#



#87
Benzo(b)fluoranthene
Concen: 7.52 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.53 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion: 252 Resp: 848
Ion Ratio Lower Upper
252 100
253 130.9 18.2 27.4#
125 590.7 9.8 14.6#

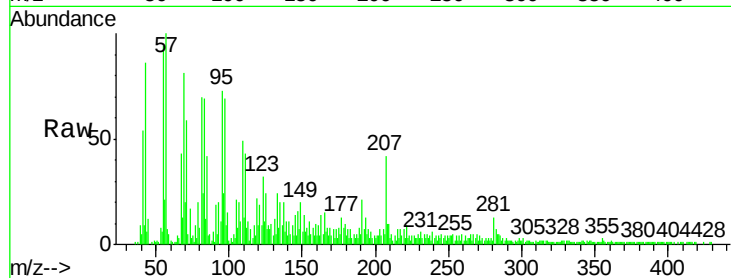




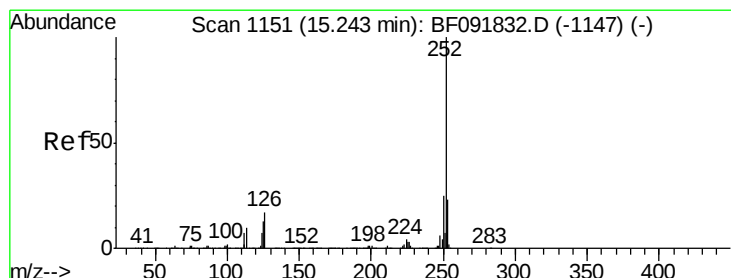
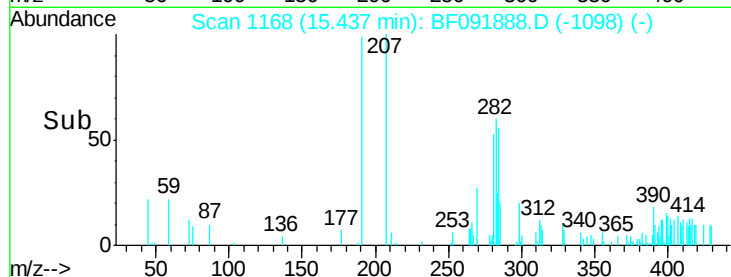
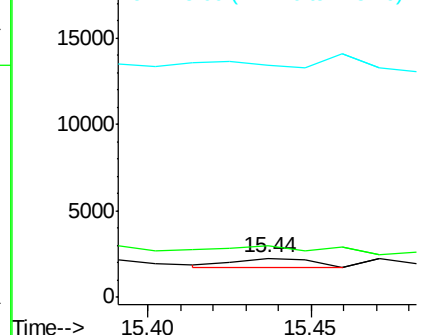
#88
Benzo(k)fluoranthene
Concen: 8.82 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.50 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

Tgt Ion:252 Resp: 848
Ion Ratio Lower Upper
252 100
253 130.9 18.5 27.7#
125 590.7 8.9 13.3#

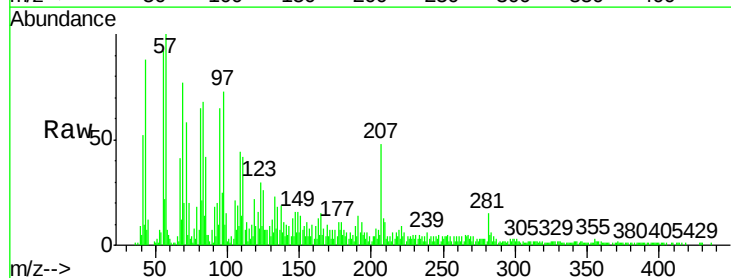


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

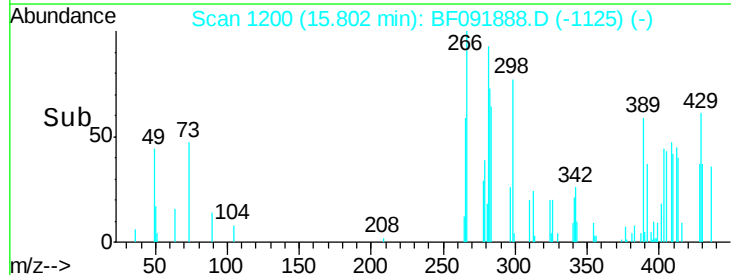
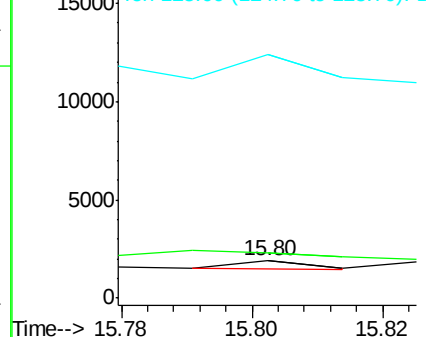


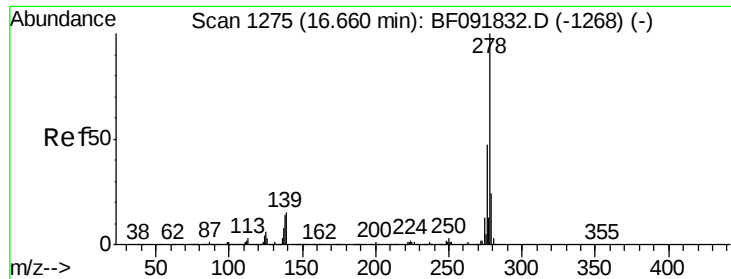
#89
Benzo(a)pyrene
Concen: 3.10 ng
RT: 15.80 min Scan# 1200
Delta R.T. 0.56 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion:252 Resp: 310
Ion Ratio Lower Upper
252 100
253 120.9 18.2 27.2#
125 653.4 10.0 15.0#



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





#90

Dibenzo(a,h)anthracene

Concen: 9.03 ng

RT: 17.20 min Scan# 1322

Delta R.T. 0.54 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

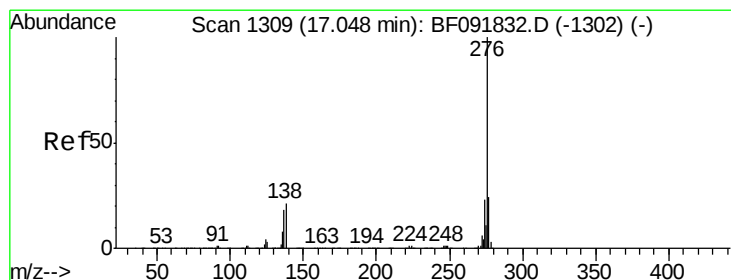
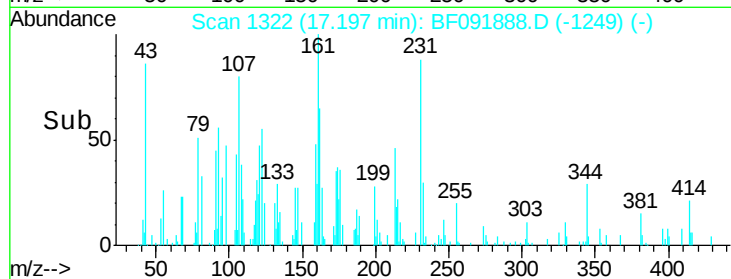
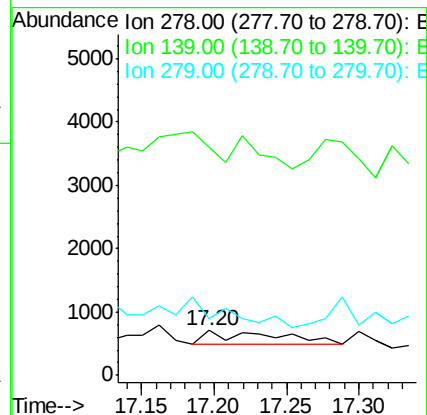
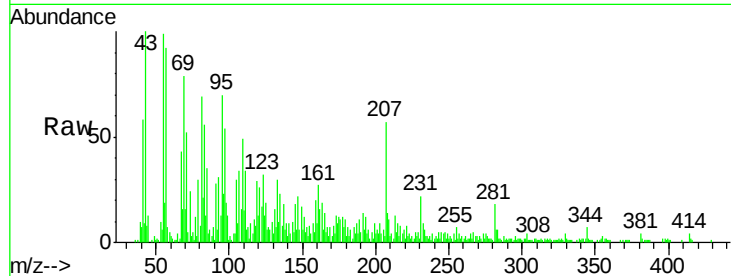
Tgt Ion:278 Resp: 743

Ion Ratio Lower Upper

278 100

139 507.5 14.8 22.2#

279 125.1 19.8 29.6#



#91

Benzo(g,h,i)perylene

Concen: 5.19 ng

RT: 17.65 min Scan# 1362

Delta R.T. 0.61 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Tgt Ion:276 Resp: 444

Ion Ratio Lower Upper

276 100

277 130.0 19.2 28.8#

138 252.8 16.0 24.0#

