

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091886.D
 Acq On : 22 Dec 2016 15:21
 Operator : UM/SJ
 Sample : H6182-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916

Quant Time: Dec 23 00:36:20 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	6.76	152	273684	20.00	ng	0.01
21) Naphthalene-d8	8.05	136	673917	20.00	ng	0.01
38) Acenaphthene-d10	9.96	164	17626	20.00	ng	0.17
63) Phenanthrene-d10	11.48	188	16928	20.00	ng	0.22
75) Chrysene-d12	14.31	240	11992	20.00	ng	0.40
86) Perylene-d12	15.77	264	1042	20.00	ng	0.47

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2138748	130.48	ng	0.07
7) Phenol-d6	6.46	99	2727194	136.28	ng	0.06
23) Nitrobenzene-d5	7.33	82	1505572	124.23	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	185465	1271.45	ng	0.08
44) 2-Fluorobiphenyl	9.16	172	1087964	1475.76	ng	0.05
78) Terphenyl-d14	13.20	244	13357	27.01	ng	0.34

Target Compounds

						Qvalue
9) Benzaldehyde	6.29	77	36955	2.25	ng	# 33
15) Benzyl Alcohol	6.92	79	182385	11.73	ng	# 87
18) Hexachloroethane	7.30	117	124258	16.54	ng	# 1
19) n-Nitroso-di-n-propylamine	7.18	70	154762	11.62	ng	# 68
22) Acetophenone	7.17	105	37851	2.28	ng	# 1
24) Nitrobenzene	7.40	77	135421	10.49	ng	# 78
25) Isophorone	7.57	82	526269	23.54	ng	# 1
26) 2-Nitrophenol	7.62	139	31316	4.92	ng	# 1
27) 2,4-Dimethylphenol	7.70	122	200084	18.95	ng	# 1
28) bis(2-Chloroethoxy)methane	7.85	93	217509	16.04	ng	# 1
29) 2,4-Dichlorophenol	7.90	162	35573	3.98	ng	# 1
30) 1,2,4-Trichlorobenzene	7.95	180	51663	5.27	ng	# 39
31) Naphthalene	8.13	128	245010	7.94	ng	# 1
32) Benzoic acid	7.86	122	110788	14.15	ng	# 37
33) 4-Chloroaniline	8.18	127	131403	9.45	ng	# 1
35) Caprolactam	8.52	113	153560	52.27	ng	# 1
36) 4-Chloro-3-methylphenol	8.61	107	249929	24.29	ng	# 24
39) 1,2,4,5-Tetrachlorobenzene	9.21	216	3176	7.13	ng	# 1
42) 2,4,6-Trichlorophenol	9.24	196	15042	48.30	ng	# 15
43) 2,4,5-Trichlorophenol	9.24	196	13803	43.07	ng	# 1
45) 1,1'-Biphenyl	9.34	154	4305	3.57	ng	# 1
46) 2-Chloronaphthalene	9.44	162	80186	83.90	ng	# 1
47) 2-Nitroaniline	9.54	65	64331	189.05	ng	# 80
48) Acenaphthylene	9.78	152	88407	60.15	ng	# 1
49) Dimethylphthalate	9.65	163	274572	243.56	ng	# 41
50) 2,6-Dinitrotoluene	9.78	165	61944	251.04	ng	# 47
51) Acenaphthene	9.97	154	31641	31.75	ng	# 1
52) 3-Nitroaniline	9.98	138	38508	126.11	ng	# 48
53) 2,4-Dinitrophenol	10.08	184	27437	199.84	ng	# 1
54) Dibenzofuran	10.19	168	7045	5.23	ng	# 1
55) 4-Nitrophenol	10.10	139	87980	424.34	ng	# 1
56) 2,4-Dinitrotoluene	10.18	165	34935	112.80	ng	# 69
57) Fluorene	10.49	166	39359	40.20	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.32	232	37369	147.42	ng	# 1

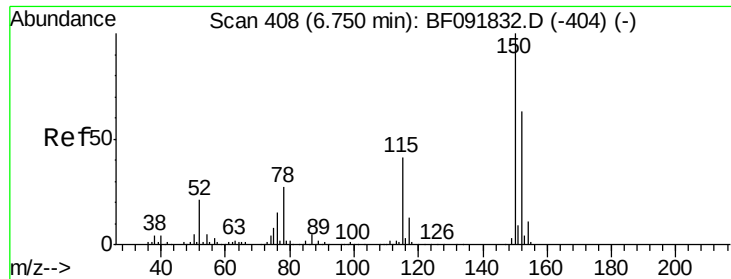
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	10.42	149	65369	59.71	ng	# 8
60) 4-Chlorophenyl-phenylether	10.53	204	26658	62.18	ng	# 1
61) 4-Nitroaniline	10.32	138	119838	378.71	ng	# 91
62) Azobenzene	10.53	77	16376	13.59	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.60	198	124429	1215.57	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	680082	1353.91	ng	# 40
66) 4-Bromophenyl-phenylether	11.04	248	18737	106.40	ng	# 1
67) Hexachlorobenzene	11.32	284	1080	5.74	ng	# 1
68) Atrazine	11.21	200	2136	13.18	ng	# 1
69) Pentachlorophenol	11.32	266	2639	28.57	ng	# 1
70) Phenanthrene	11.57	178	131986	143.79	ng	# 1
71) Anthracene	11.57	178	131986	Below Cal	ng	# 1
72) Carbazole	11.71	167	44239	Below Cal	ng	# 1
73) Di-n-butylphthalate	12.09	149	40287	46.45	ng	# 41
74) Fluoranthene	12.71	202	24365	28.89	ng	# 1
76) Benzidine	13.04	184	9783	29.35	ng	# 1
77) Pyrene	13.03	202	50276	57.14	ng	# 7
79) Butylbenzylphthalate	13.76	149	16144	40.34	ng	# 38
80) Benzo(a)anthracene	14.31	228	7498	11.08	ng	# 1
81) 3,3'-Dichlorobenzidine	14.25	252	1151	4.48	ng	# 1
82) Chrysene	14.31	228	7498	11.04	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.32	149	13030	27.65	ng	# 50
84) Di-n-octyl phthalate	14.93	149	28263	32.38	ng	# 74
85) Indeno(1,2,3-cd)pyrene	17.15	276	1775	3.02	ng	# 49
87) Benzo(b)fluoranthene	15.36	252	16723	257.78	ng	# 1
88) Benzo(k)fluoranthene	15.36	252	16723	302.29	ng	# 1
89) Benzo(a)pyrene	15.79	252	2032	35.29	ng	# 1
90) Dibenzo(a,h)anthracene	17.14	278	430	9.09	ng	# 1
91) Benzo(g,h,i)perylene	17.61	276	889	18.06	ng	# 1

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

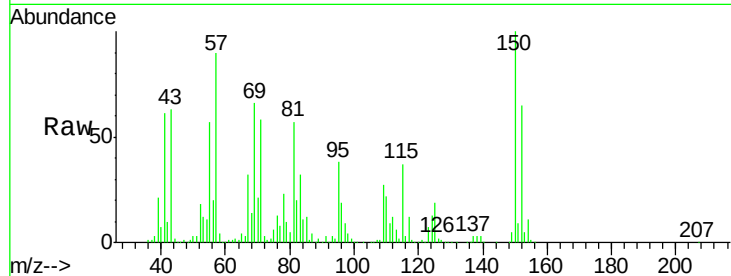


#1

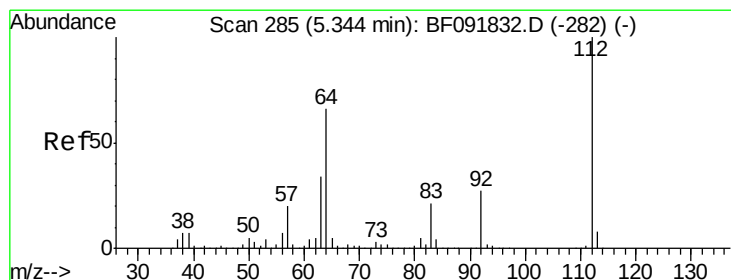
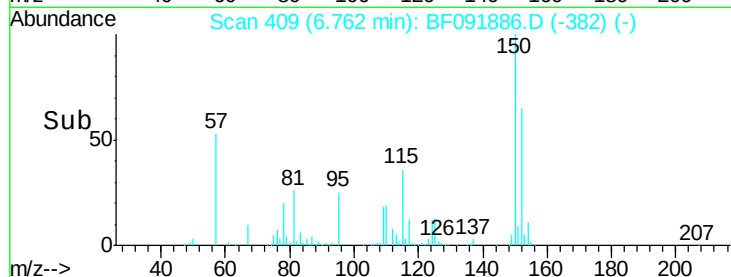
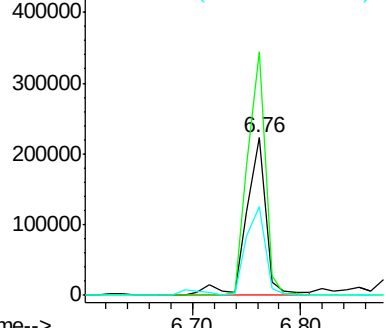
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 273684
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 56.4 46.0 69.0



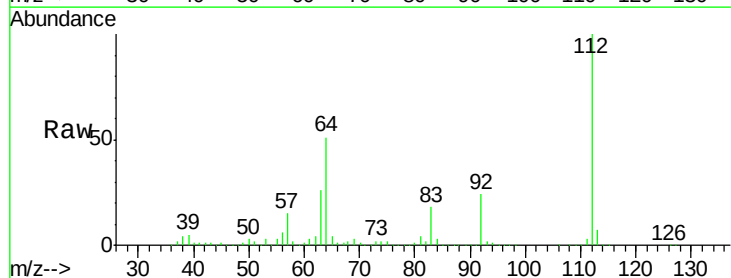
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



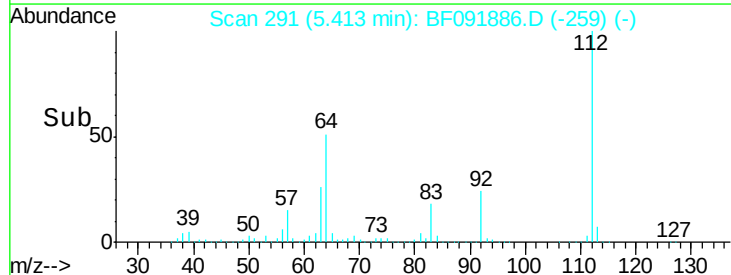
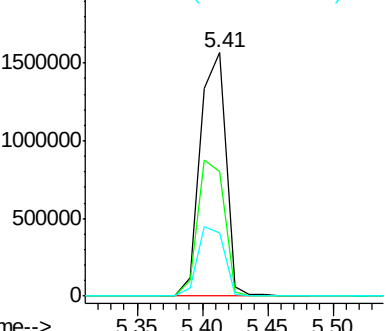
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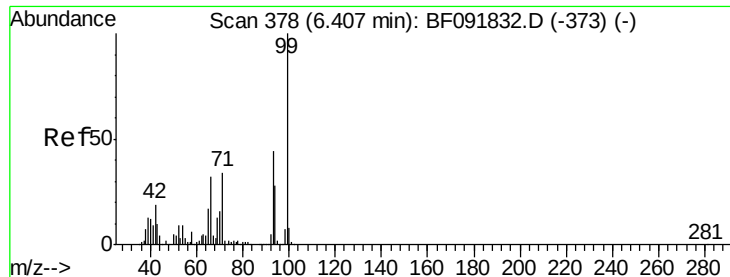
2-Fluorophenol
Concen: 130.48 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.07 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion:112 Resp: 2138748
Ion Ratio Lower Upper
112 100
64 51.0 46.1 69.1
63 25.9 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: 136.28 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.06 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

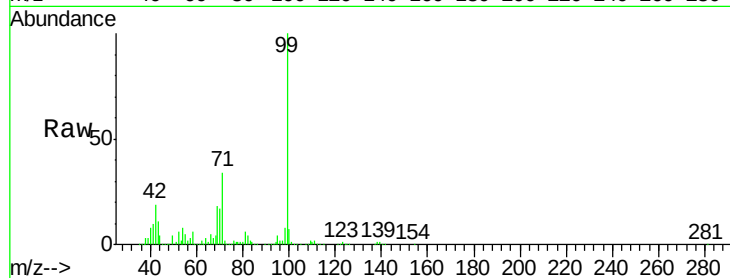
Tgt Ion: 99 Resp: 2727194

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

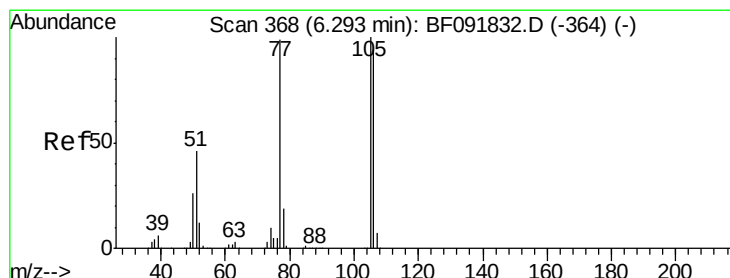
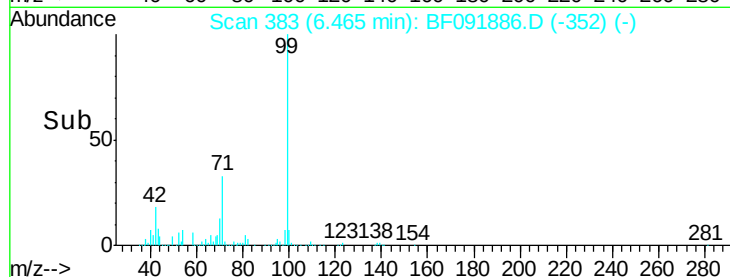
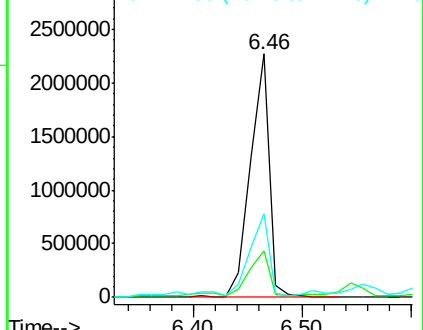
71 34.1 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.25 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

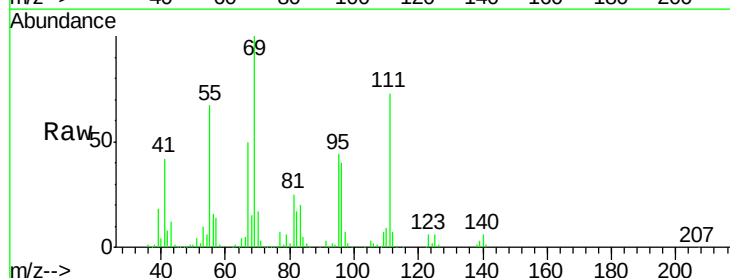
Tgt Ion: 77 Resp: 36955

Ion Ratio Lower Upper

77 100

105 37.2 83.9 123.9#

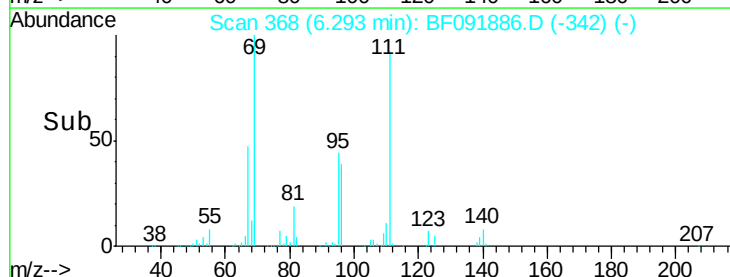
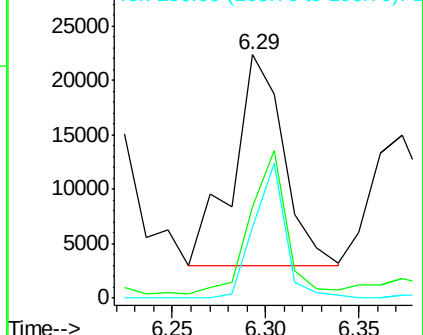
106 29.2 77.6 117.6#

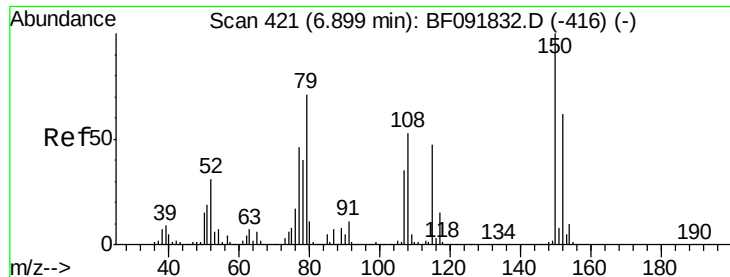


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 11.73 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.02 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

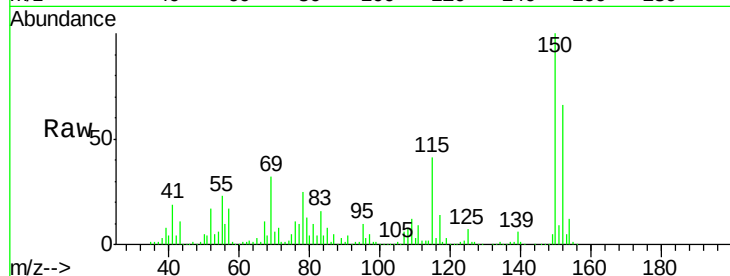
Tgt Ion: 79 Resp: 182385

Ion Ratio Lower Upper

79 100

108 62.8 61.4 92.0

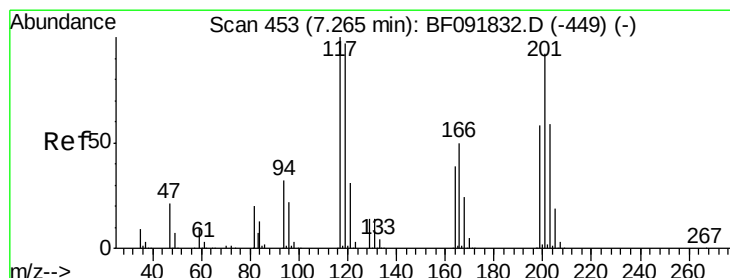
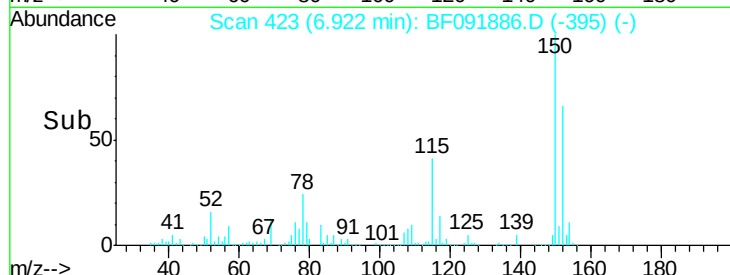
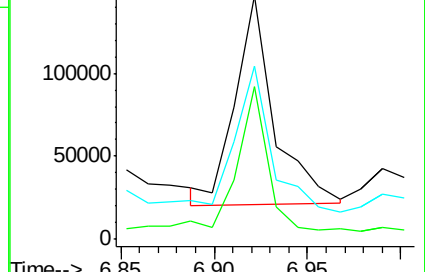
77 71.1 50.9 76.3



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



#18

Hexachloroethane

Concen: 16.54 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.03 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

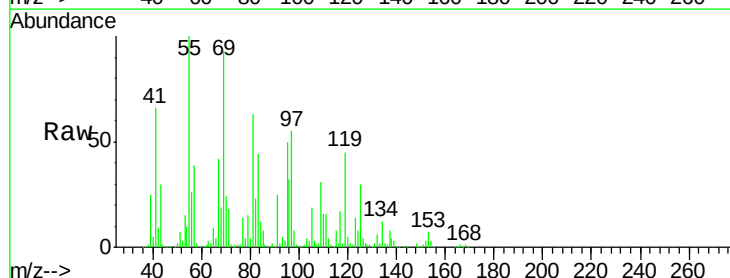
Tgt Ion: 117 Resp: 124258

Ion Ratio Lower Upper

117 100

119 262.3 78.1 117.1#

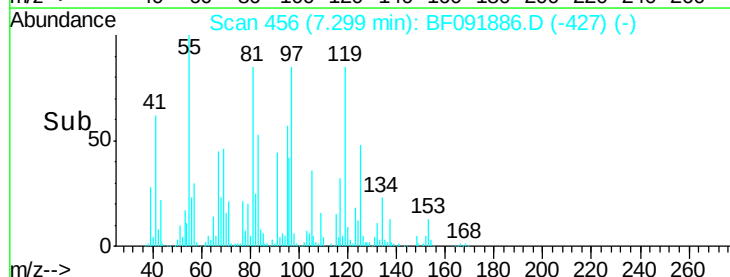
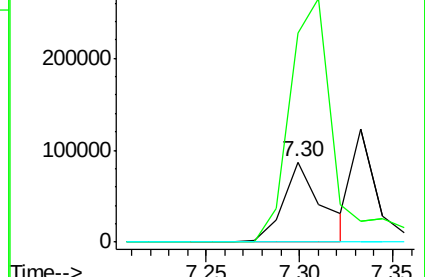
201 0.0 78.6 117.8#

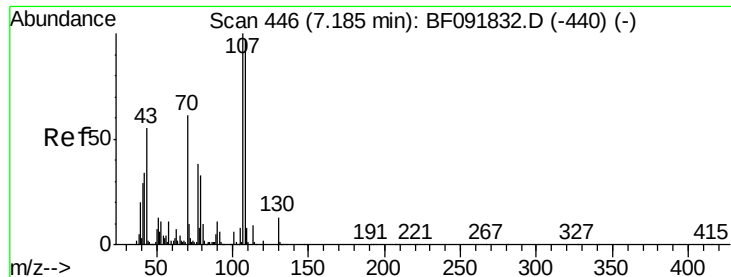


Abundance Ion 117.00 (116.70 to 117.70): BF0

Ion 119.00 (118.70 to 119.70): BF0

Ion 201.00 (200.70 to 201.70): BF0

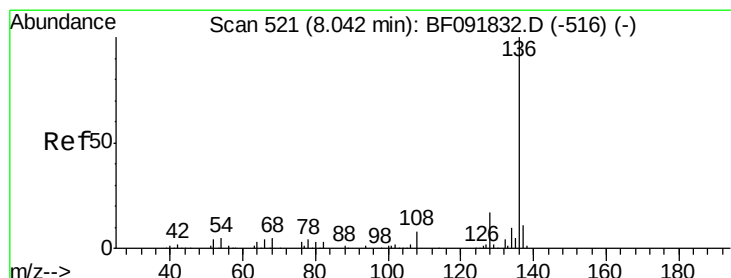
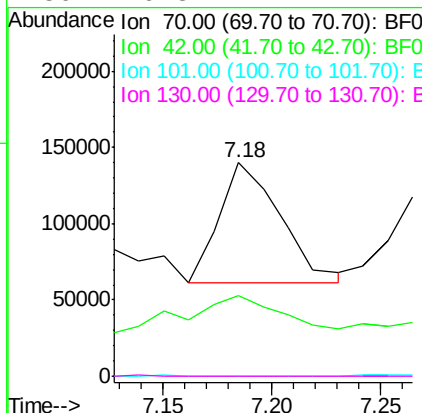
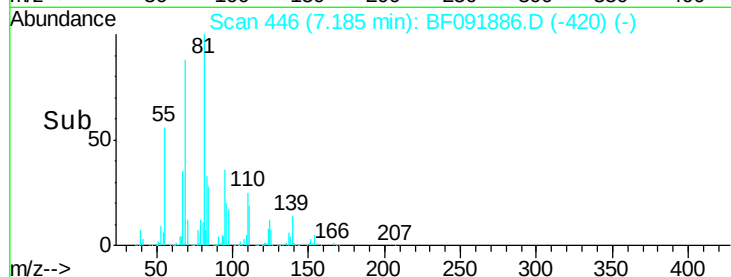
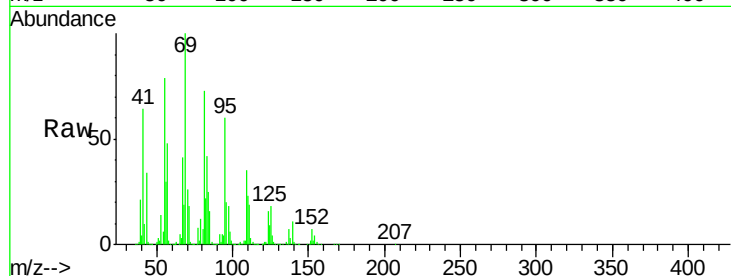




#19
n-Nitroso-di-n-propylamine
Concen: 11.62 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

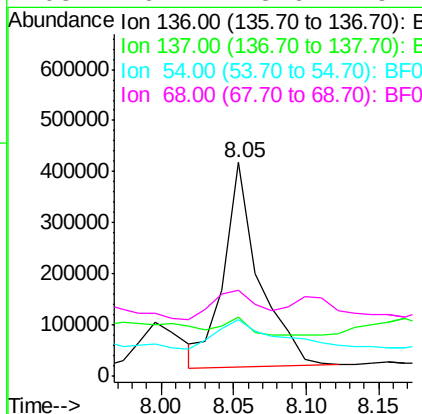
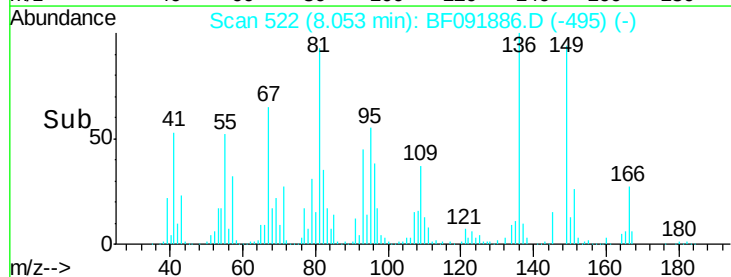
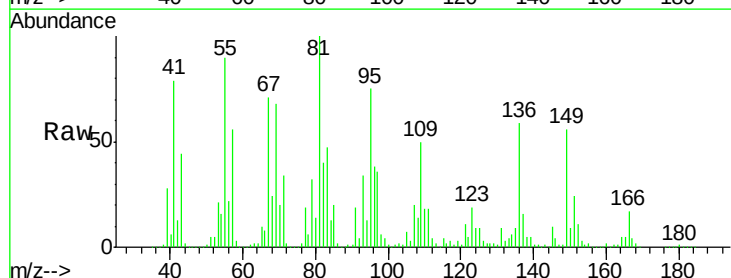
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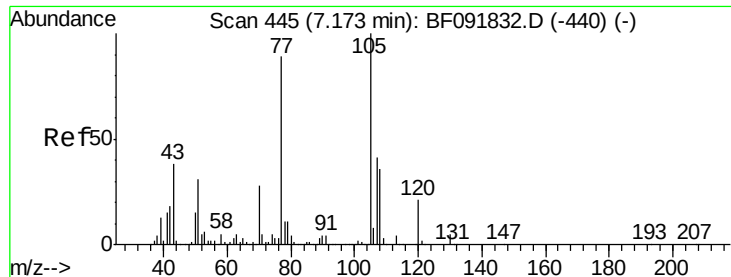
Tgt Ion: 70 Resp: 154762
Ion Ratio Lower Upper
70 100
42 37.7 49.4 74.0#
101 0.3 7.4 11.2#
130 0.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion: 136 Resp: 673917
Ion Ratio Lower Upper
136 100
137 27.3 8.4 12.6#
54 26.6 4.5 6.7#
68 40.1 3.6 5.4#





#22

Acetophenone

Concen: 2.28 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

Tgt Ion:105 Resp: 37851

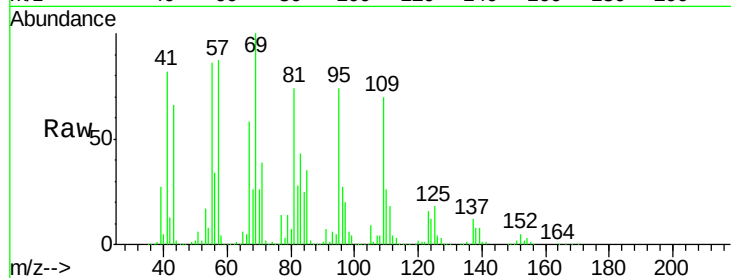
Ion Ratio Lower Upper

105 100

71 440.3 3.2 4.8#

51 62.6 26.2 39.4#

120 18.4 16.6 24.8



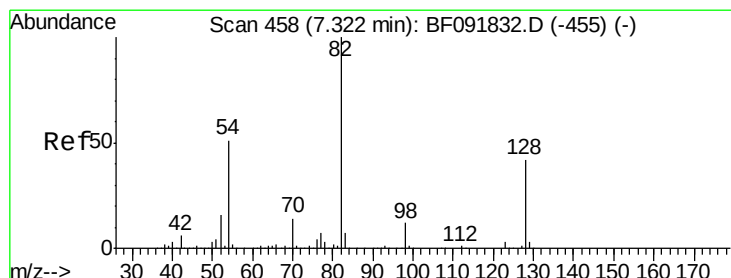
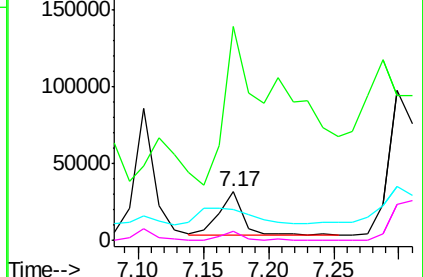
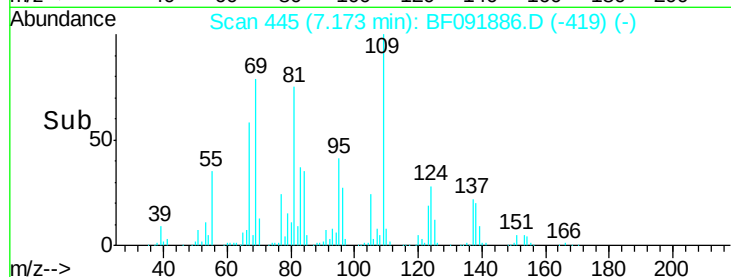
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 124.23 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

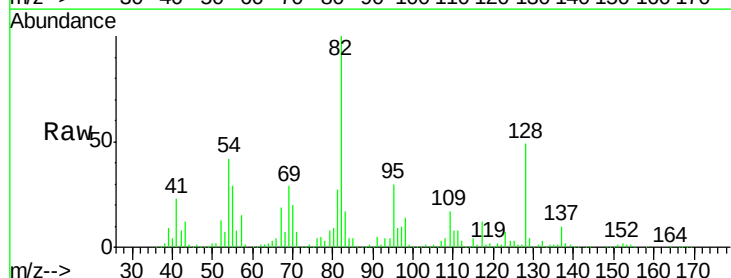
Tgt Ion: 82 Resp: 1505572

Ion Ratio Lower Upper

82 100

128 49.1 34.6 52.0

54 41.8 39.5 59.3

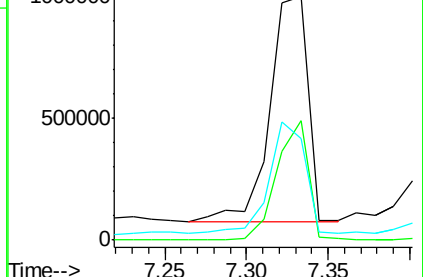
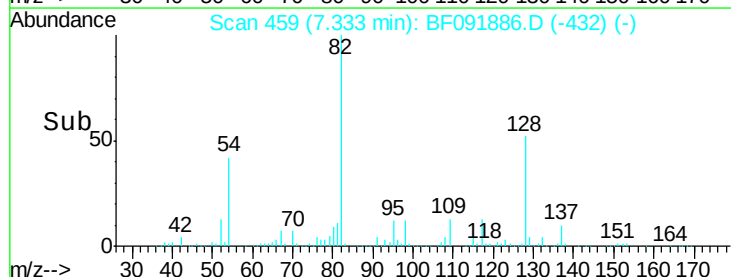


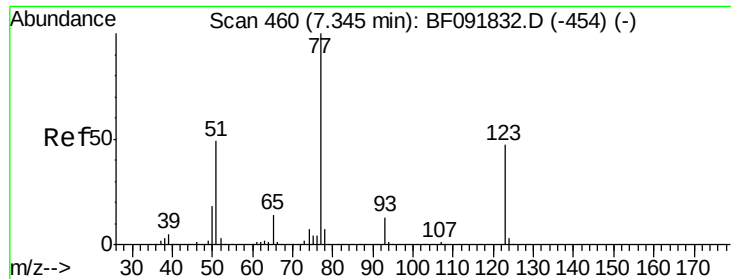
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 10.49 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.06 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

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BNA_F

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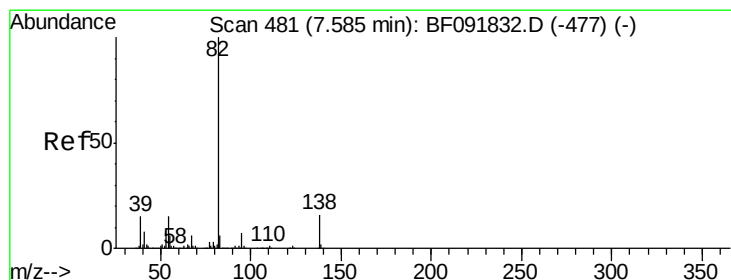
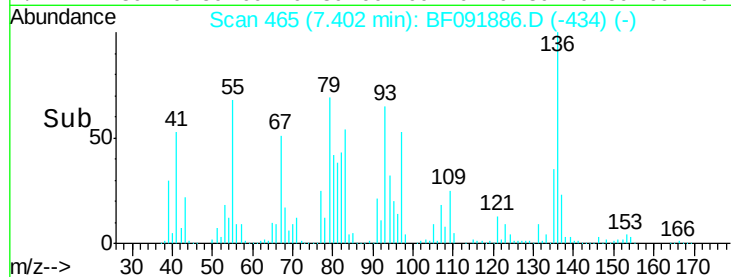
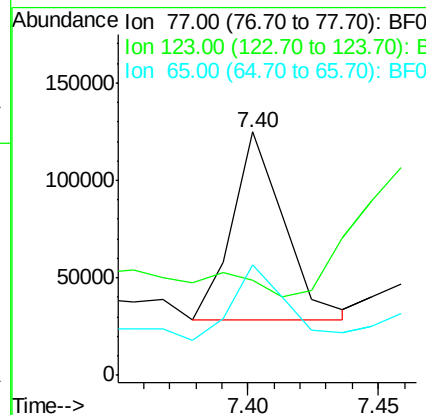
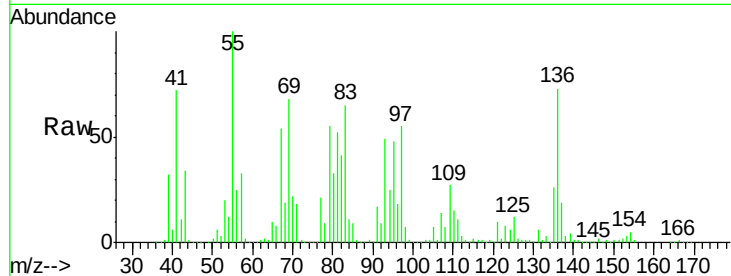
Tgt Ion: 77 Resp: 135421

Ion Ratio Lower Upper

77 100

123 39.0 33.0 49.4

65 45.4 11.2 16.8#



#25

Isophorone

Concen: 23.54 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

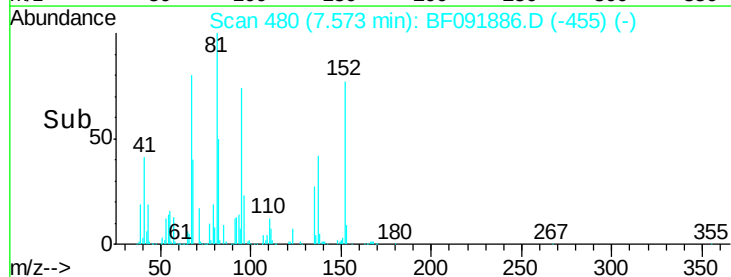
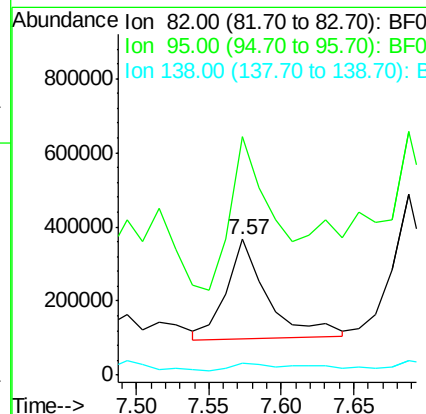
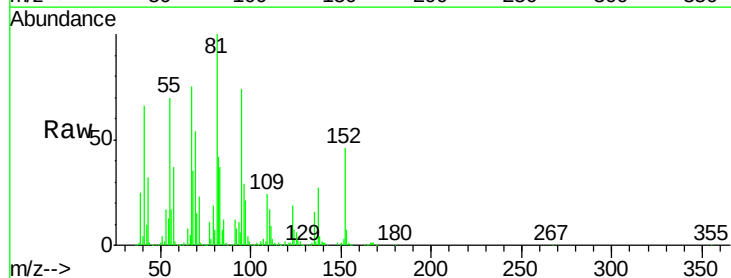
Tgt Ion: 82 Resp: 526269

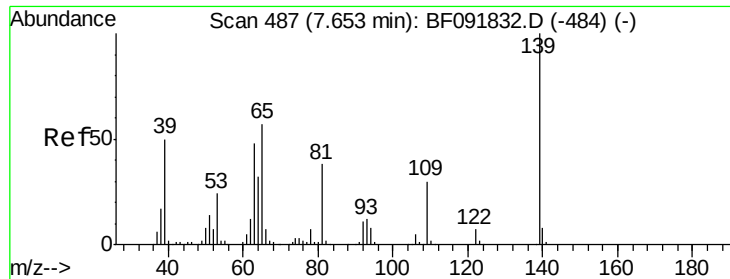
Ion Ratio Lower Upper

82 100

95 175.5 5.6 8.4#

138 9.1 14.6 22.0#

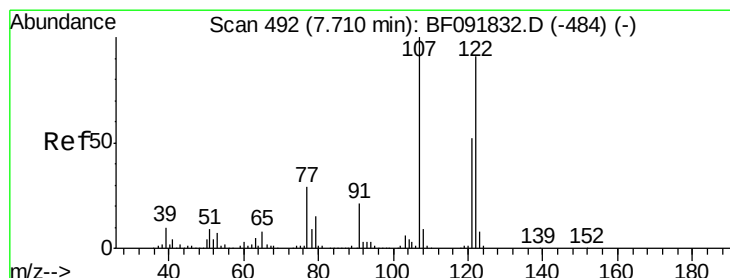
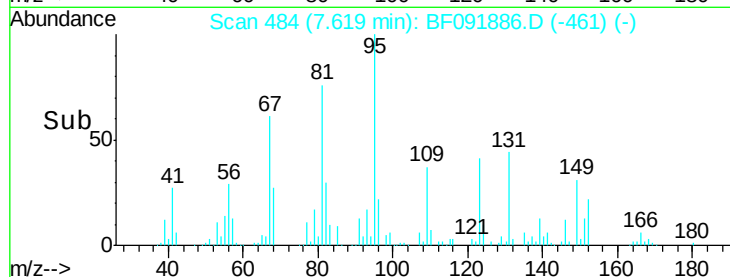
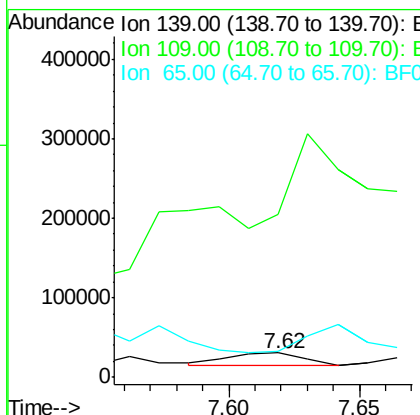
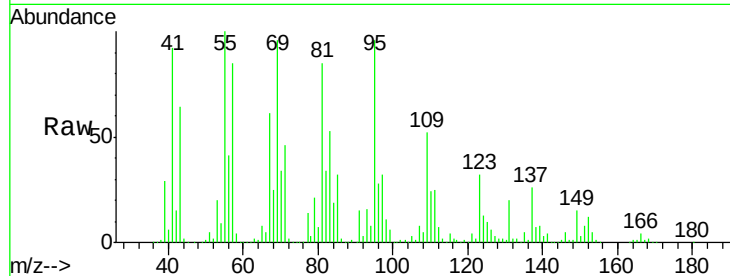




#26
2-Nitrophenol
Concen: 4.92 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

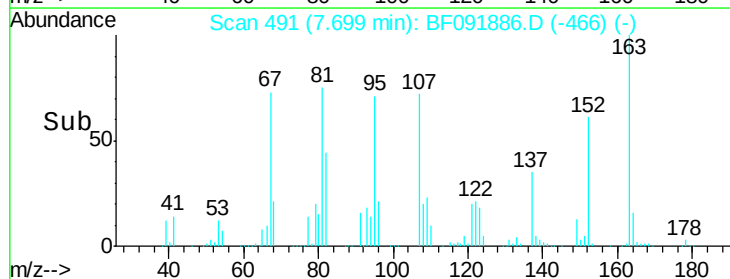
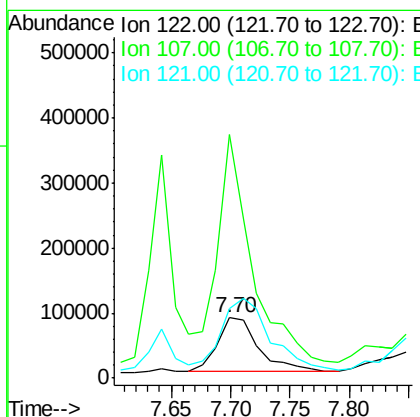
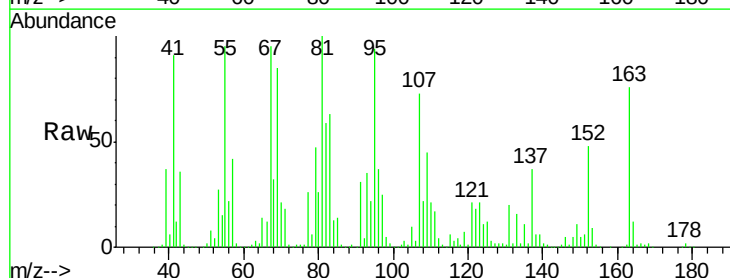
Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916

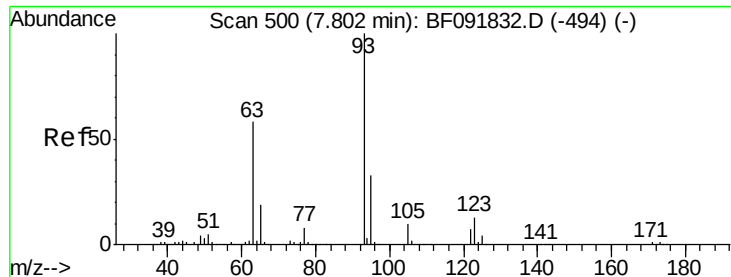
Tgt Ion:139 Resp: 31316
Ion Ratio Lower Upper
139 100
109 665.0 23.3 34.9#
65 106.3 42.7 64.1#



#27
2,4-Dimethylphenol
Concen: 18.95 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion:122 Resp: 200084
Ion Ratio Lower Upper
122 100
107 403.0 94.1 141.1#
121 114.1 46.0 69.0#

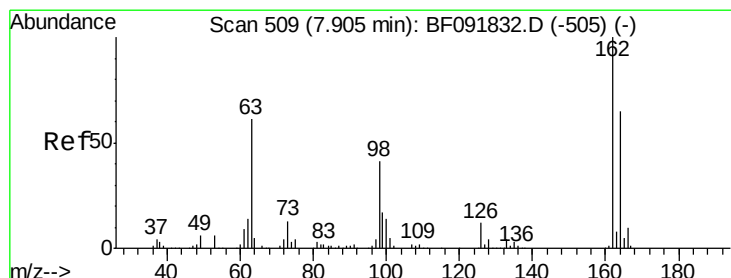
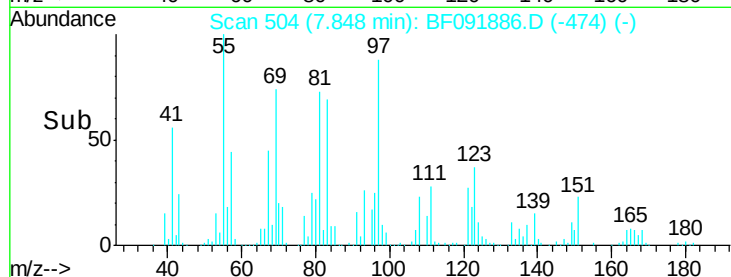
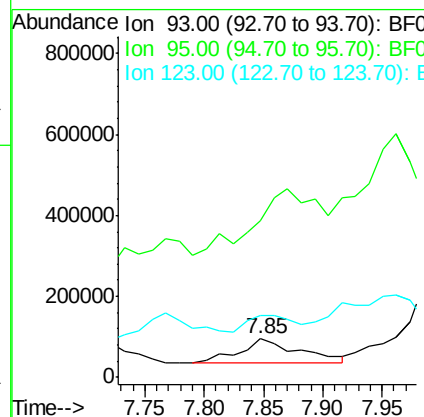
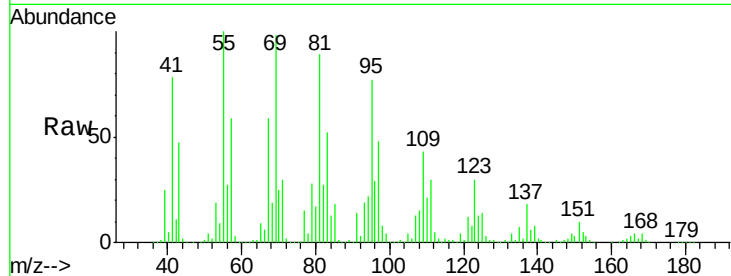




#28
bis(2-Chloroethoxy)methane
Concen: 16.04 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.05 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

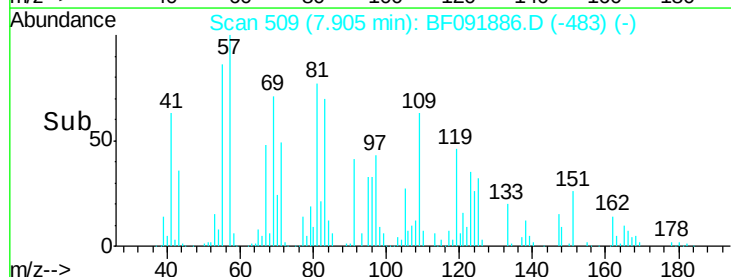
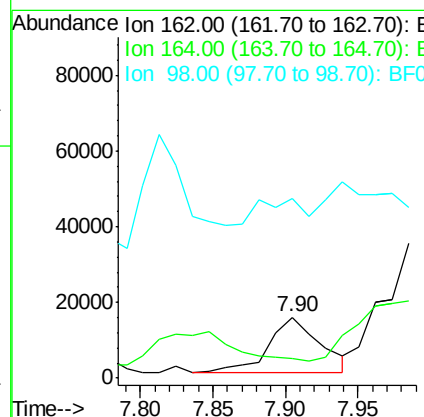
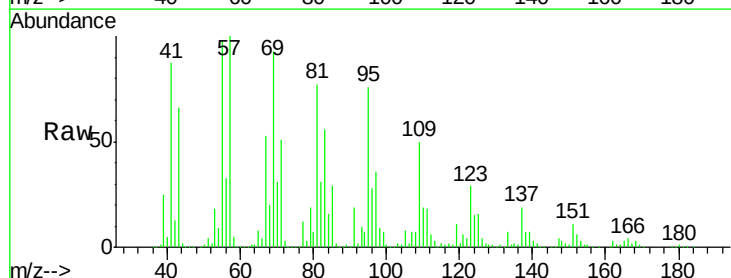
Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916

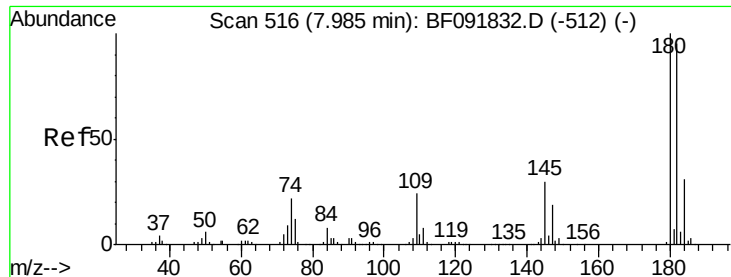
Tgt Ion: 93 Resp: 217509
Ion Ratio Lower Upper
93 100
95 408.6 26.5 39.7#
123 161.4 8.6 13.0#



#29
2,4-Dichlorophenol
Concen: 3.98 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion: 162 Resp: 35573
Ion Ratio Lower Upper
162 100
164 31.4 46.8 86.8#
98 295.2 9.1 49.1#

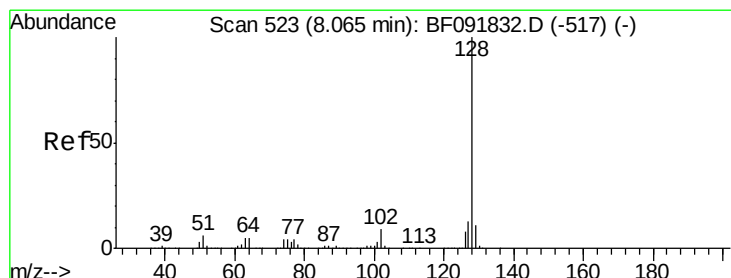
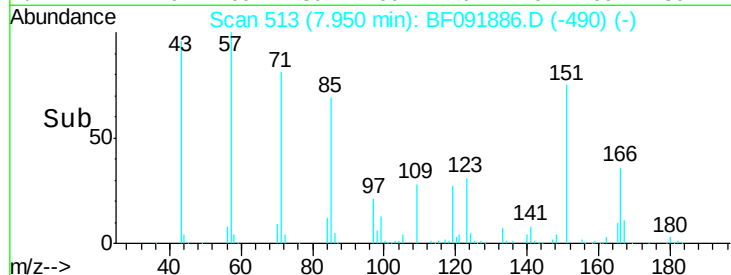
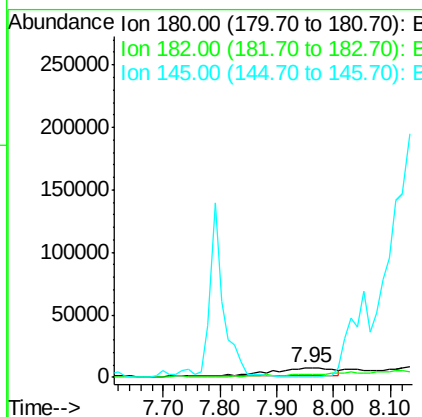
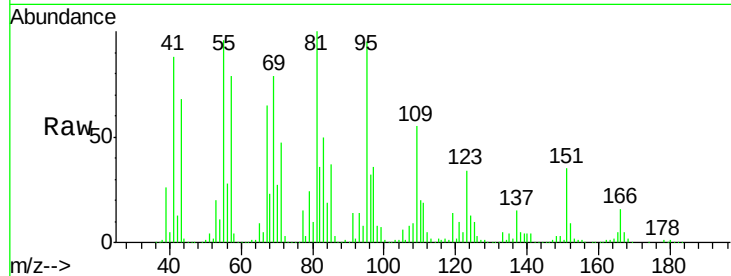




#30
 1,2,4-Trichlorobenzene
 Concen: 5.27 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.03 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

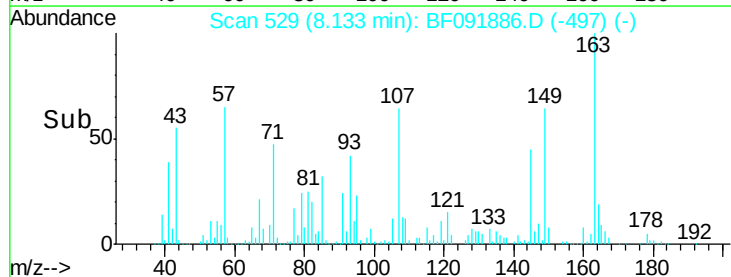
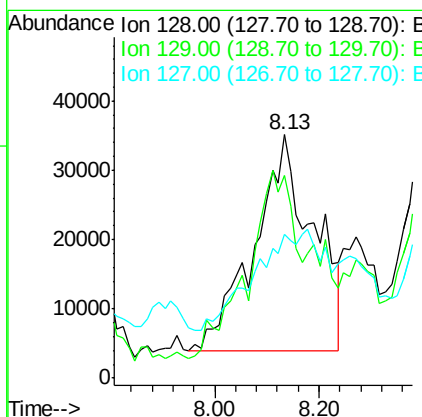
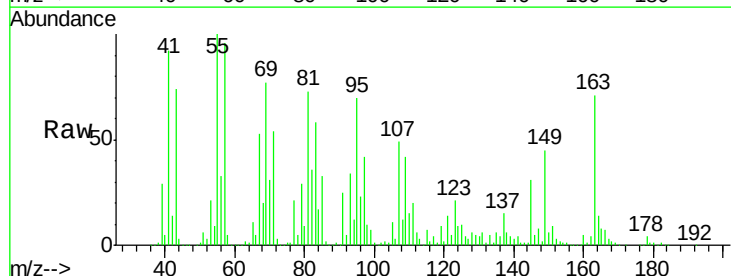
Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916

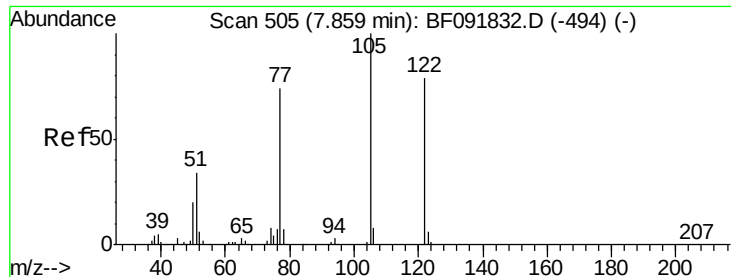
Tgt Ion:180 Resp: 51663
 Ion Ratio Lower Upper
 180 100
 182 31.7 78.2 117.4#
 145 5.4 21.6 32.4#



#31
 Naphthalene
 Concen: 7.94 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.07 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

Tgt Ion:128 Resp: 245010
 Ion Ratio Lower Upper
 128 100
 129 83.1 9.5 14.3#
 127 59.1 10.8 16.2#





#32

Benzoic acid

Concen: 14.15 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

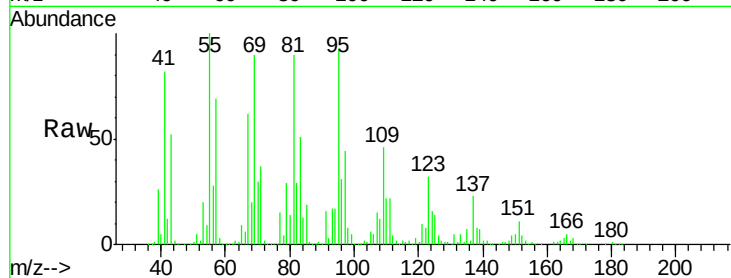
Tgt Ion:122 Resp: 110788

Ion Ratio Lower Upper

122 100

105 76.4 107.2 147.2#

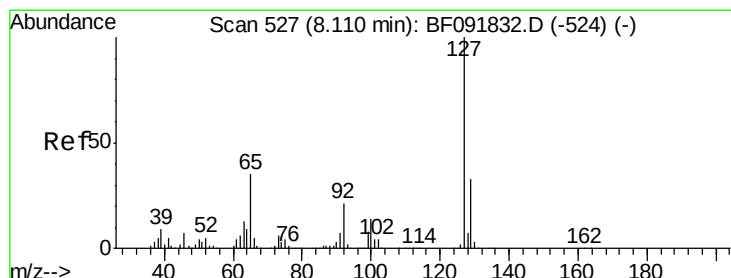
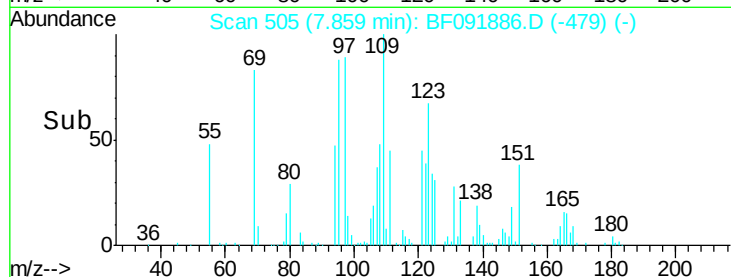
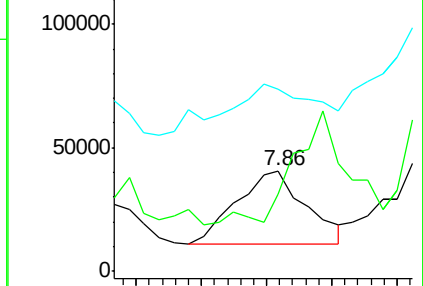
77 180.9 74.5 114.5#



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: 9.45 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.07 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tgt Ion:127 Resp: 131403

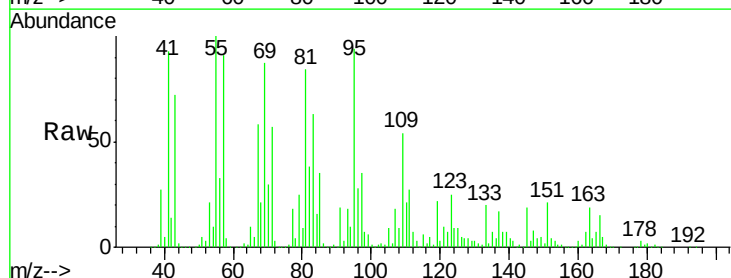
Ion Ratio Lower Upper

127 100

129 84.0 26.3 39.5#

65 273.0 25.8 38.8#

92 93.4 16.1 24.1#

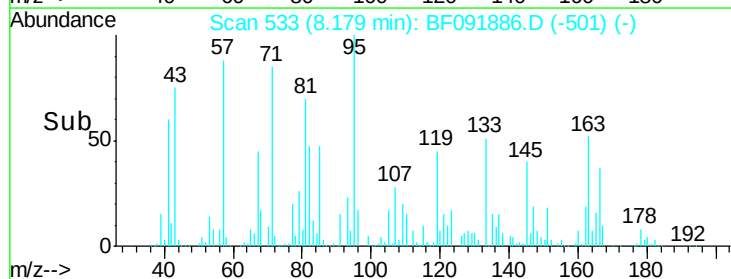
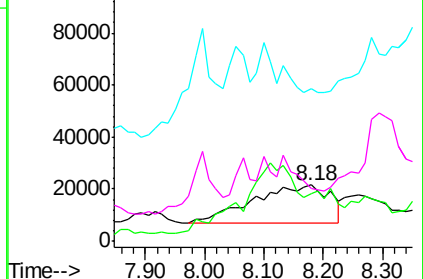


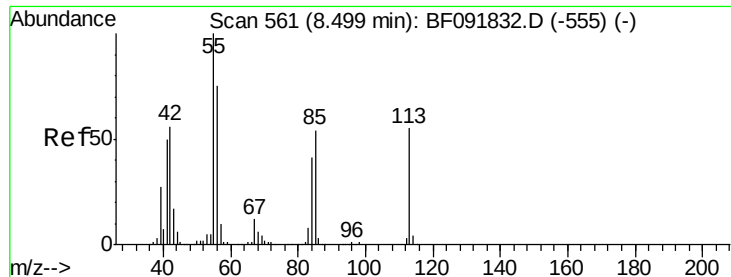
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

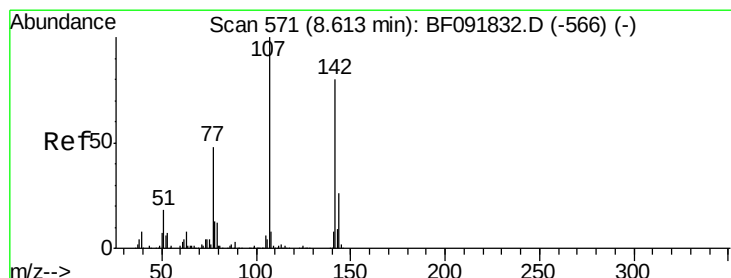
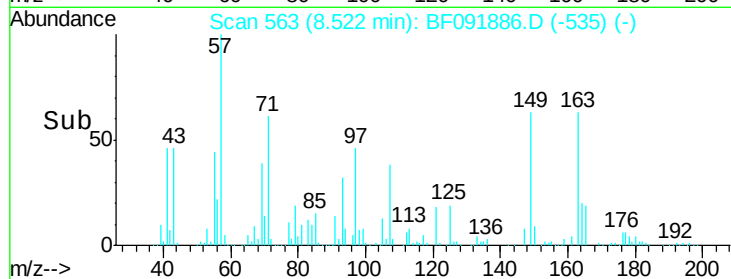
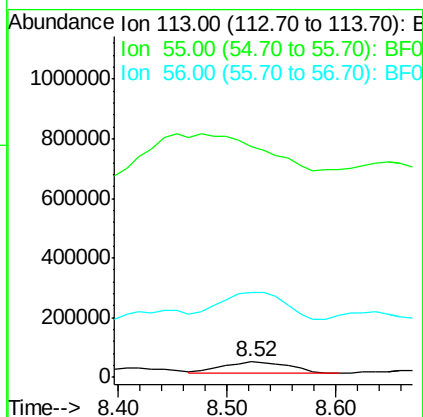
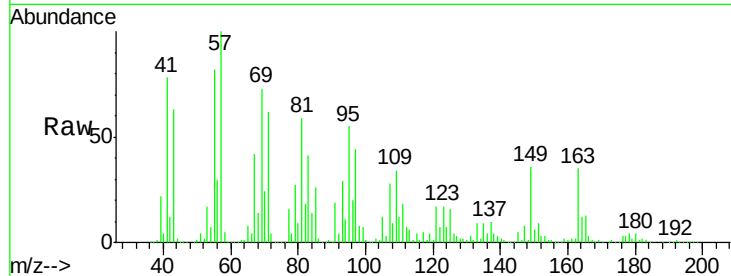




#35
 Caprolactam
 Concen: 52.27 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

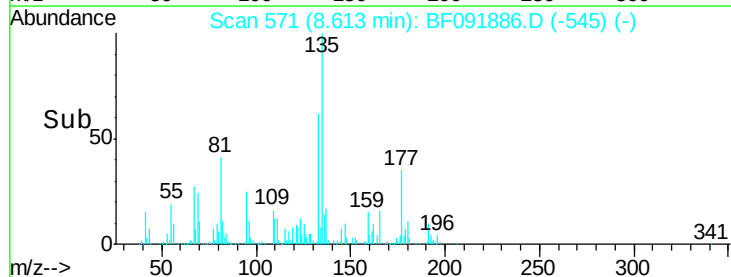
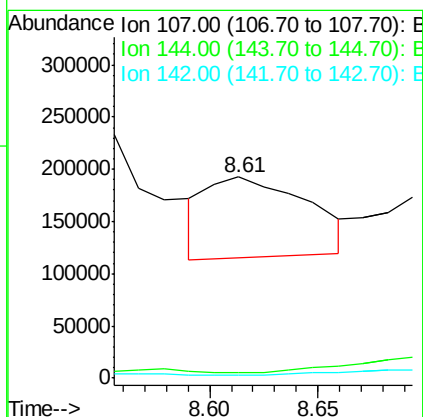
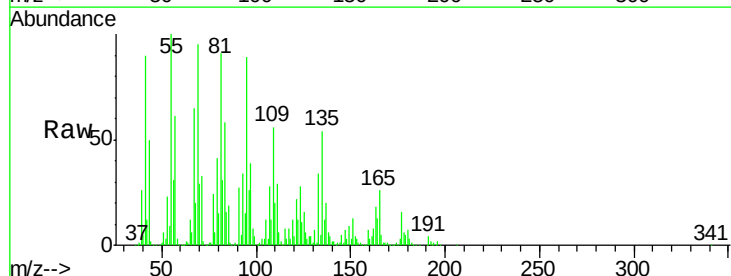
Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916

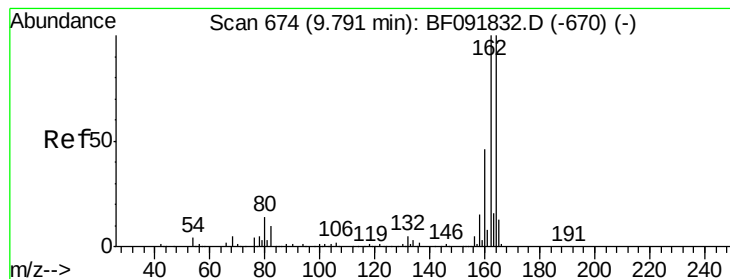
Tgt Ion:113 Resp: 153560
 Ion Ratio Lower Upper
 113 100
 55 1473.3 119.2 159.2#
 56 536.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 24.29 ng
 RT: 8.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

Tgt Ion:107 Resp: 249929
 Ion Ratio Lower Upper
 107 100
 144 2.5 19.3 28.9#
 142 1.2 59.0 88.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.17 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

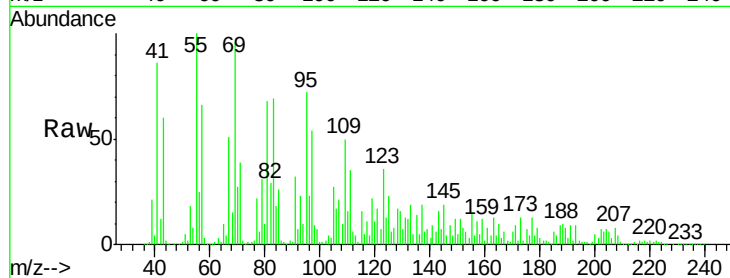
Tgt Ion:164 Resp: 17626

Ion Ratio Lower Upper

164 100

162 90.8 80.2 120.2

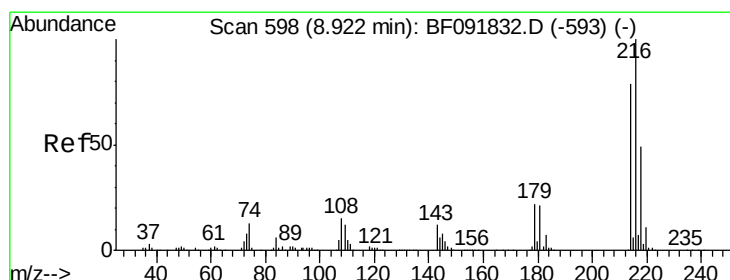
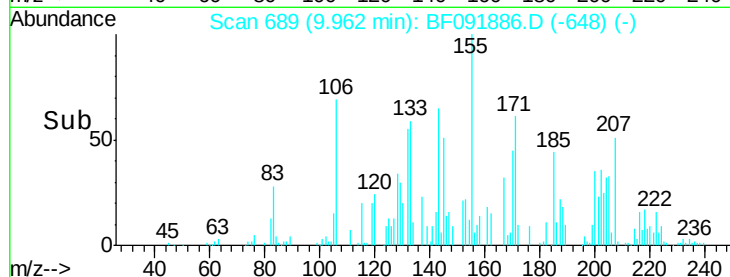
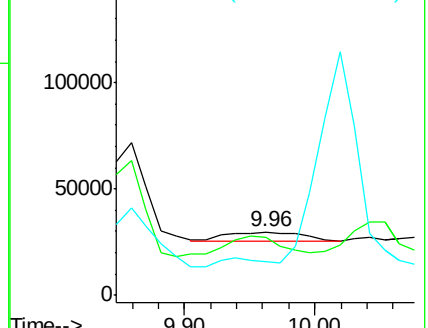
160 54.0 36.9 55.3



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.13 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.29 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tgt Ion:216 Resp: 3176

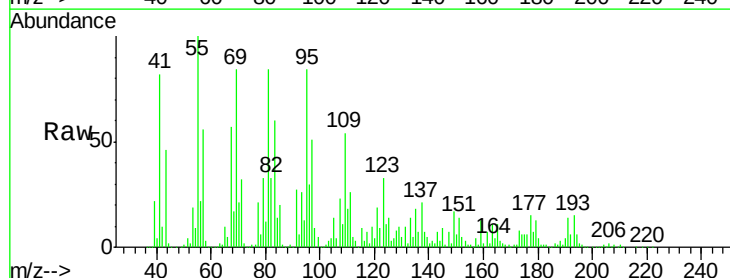
Ion Ratio Lower Upper

216 100

214 0.0 63.4 95.0#

179 0.0 17.4 26.2#

108 3317.7 15.6 23.4#

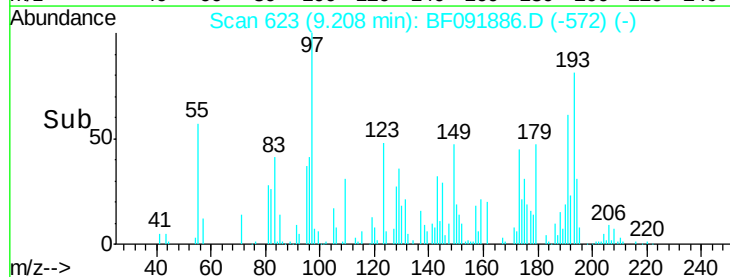
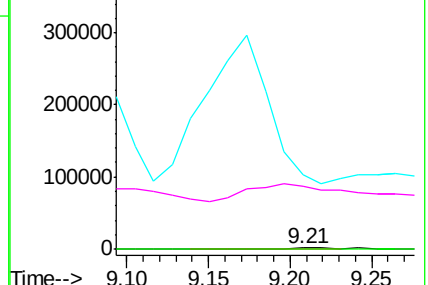


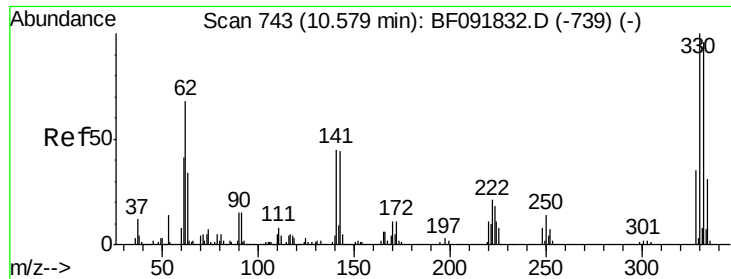
Abundance Ion 216.00 (215.70 to 216.70): E

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

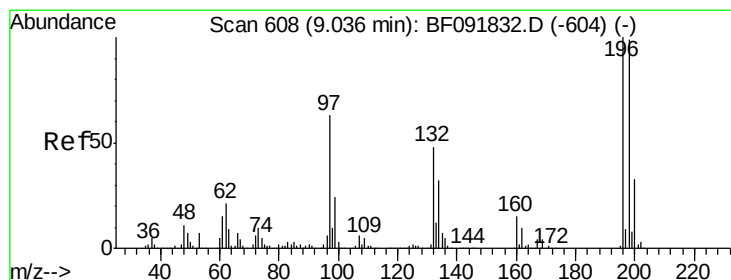
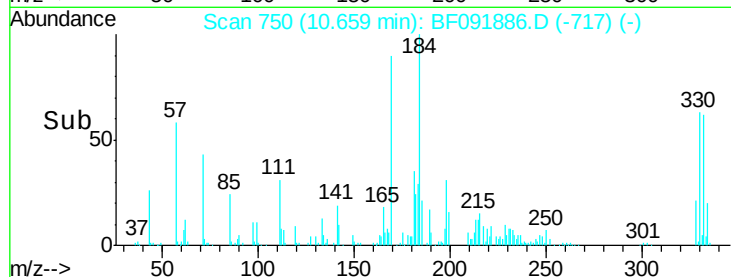
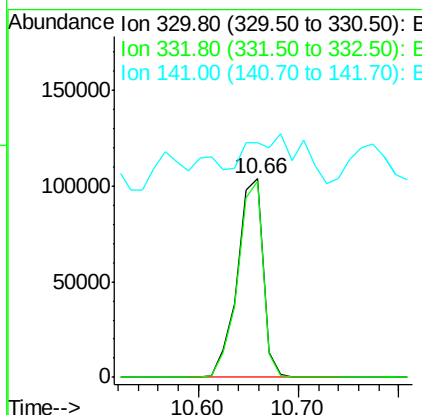
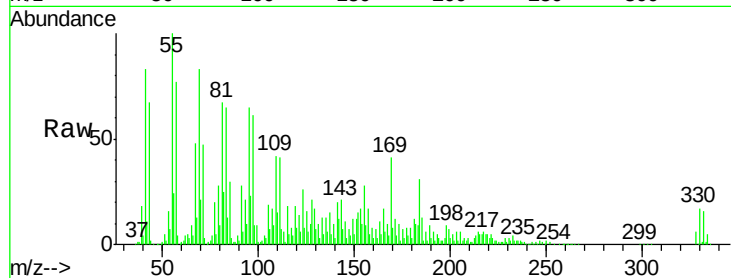




#41
 2,4,6-Tribromophenol
 Concen: 1271.45 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.08 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

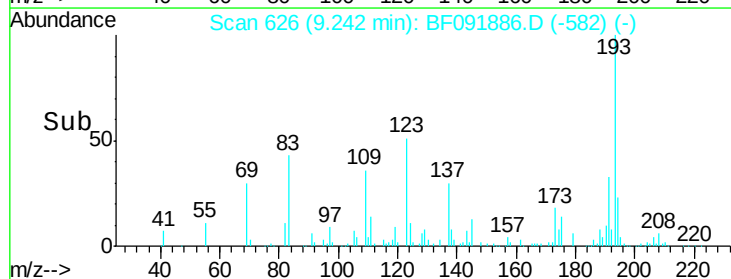
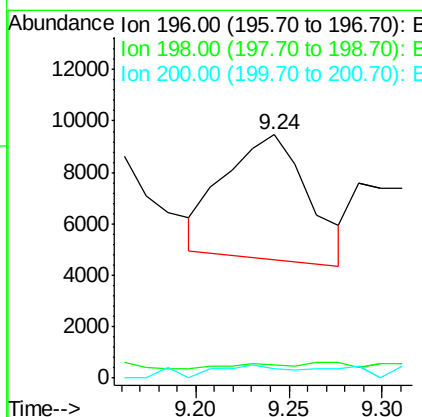
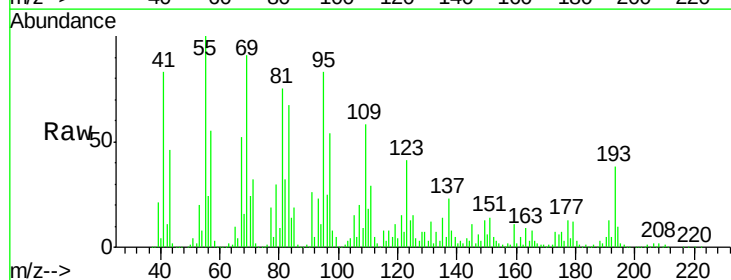
Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916

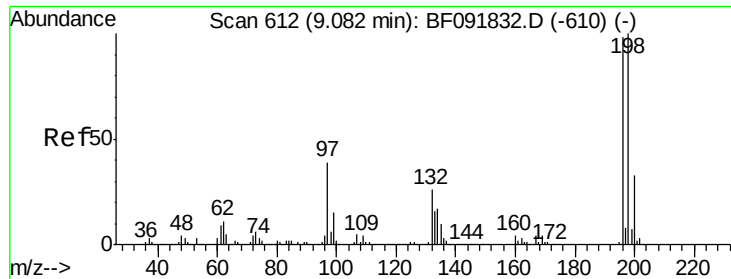
Tgt Ion:330 Resp: 185465
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 14.6 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 48.30 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.21 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

Tgt Ion:196 Resp: 15042
 Ion Ratio Lower Upper
 196 100
 198 5.4 82.1 123.1#
 200 3.9 27.0 40.4#

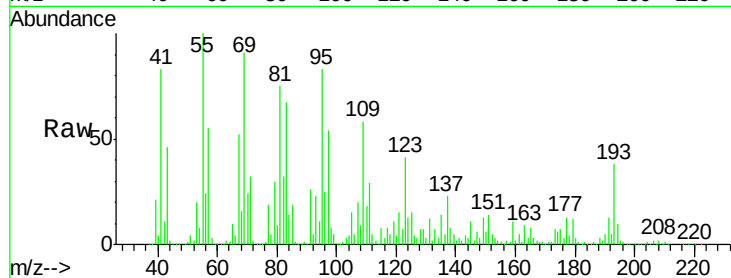




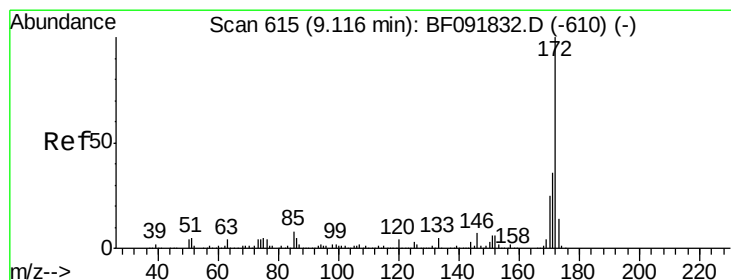
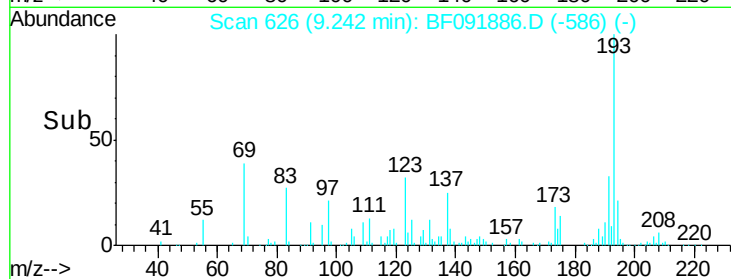
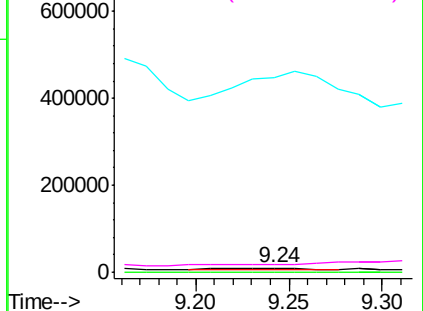
#43
 2,4,5-Trichlorophenol
 Concen: 43.07 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.16 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916

Tgt Ion:196 Resp: 13803
 Ion Ratio Lower Upper
 196 100
 198 5.4 79.4 119.2#
 97 4720.1 51.5 77.3#
 132 193.1 27.4 41.2#

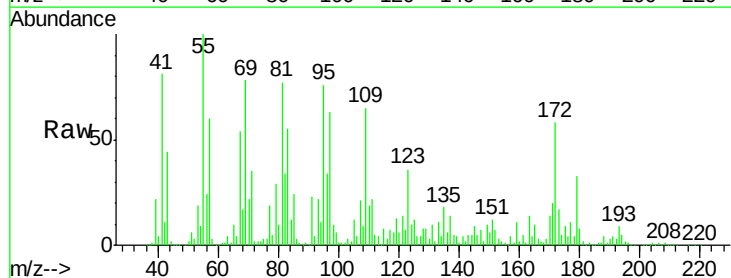


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

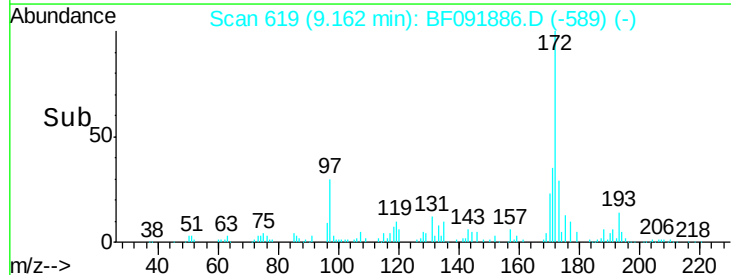
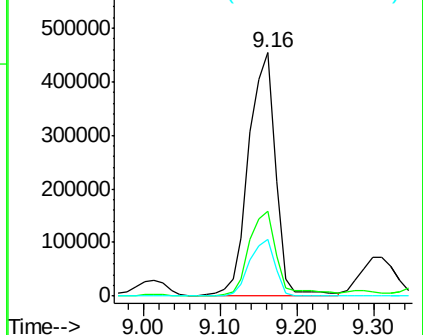


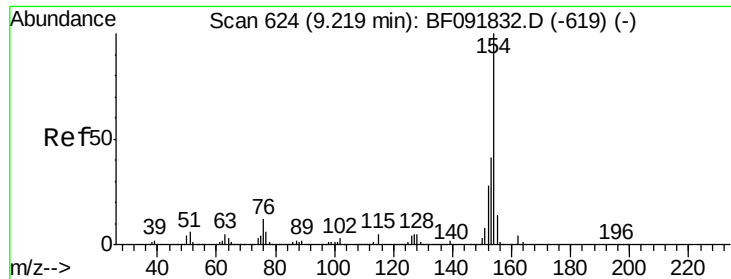
#44
 2-Fluorobiphenyl
 Concen: 1475.76 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.05 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

Tgt Ion:172 Resp: 1087964
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.4 44.0
 170 23.3 20.2 30.4



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: 3.57 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.13 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

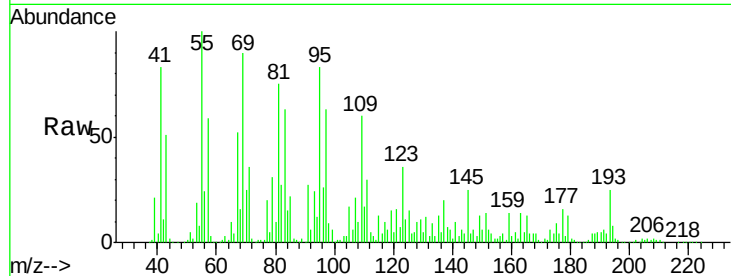
Tgt Ion:154 Resp: 4305

Ion Ratio Lower Upper

154 100

153 201.9 20.9 60.9#

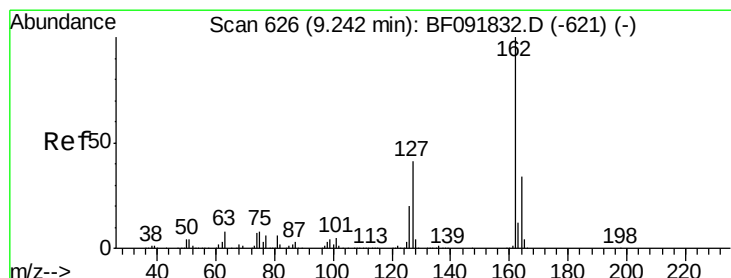
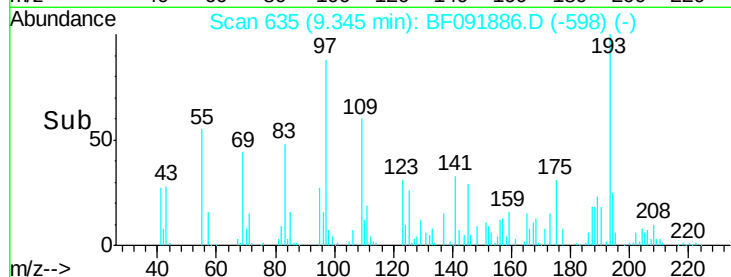
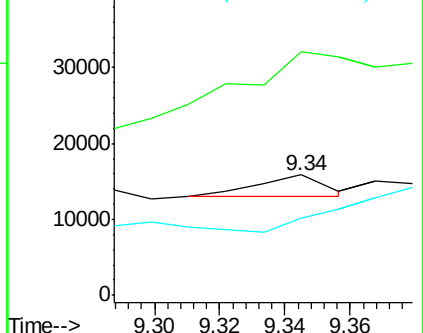
76 64.0 0.0 30.5#



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: 83.90 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.19 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

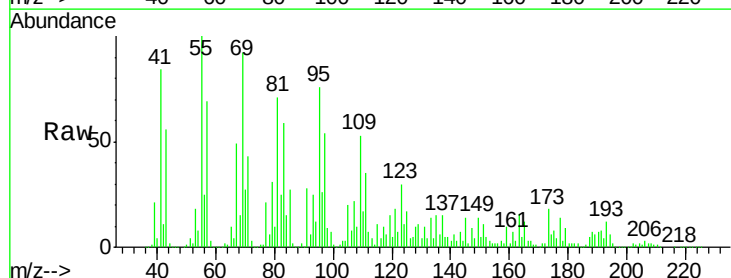
Tgt Ion:162 Resp: 80186

Ion Ratio Lower Upper

162 100

127 165.6 30.7 46.1#

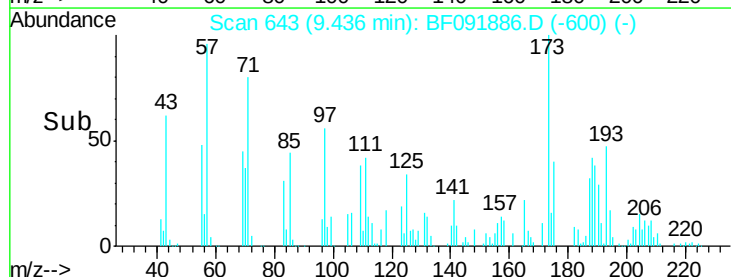
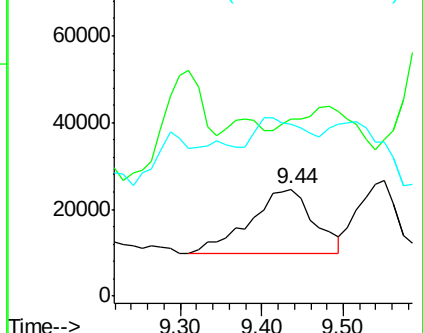
164 161.4 27.6 41.4#

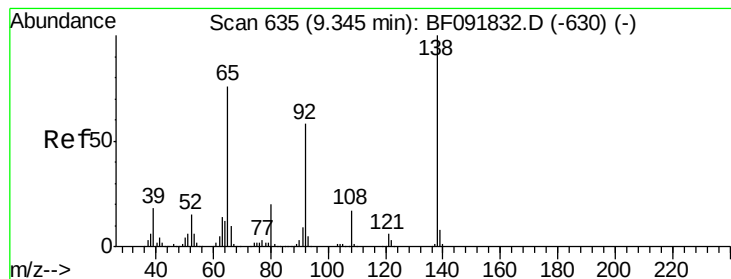


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 189.05 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.19 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

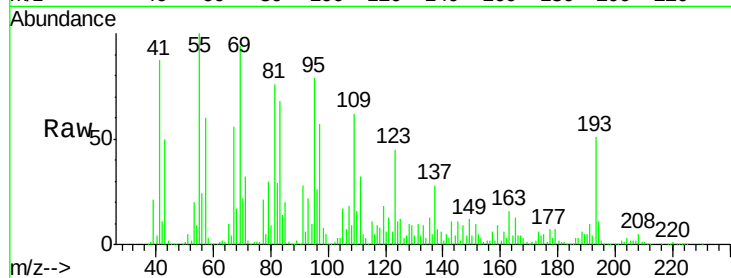
Tgt Ion: 65 Resp: 64331

Ion Ratio Lower Upper

65 100

92 57.7 53.9 80.9

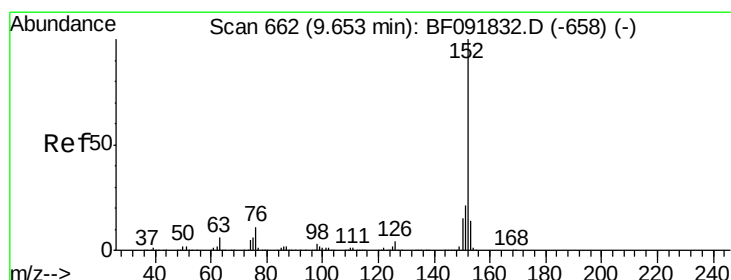
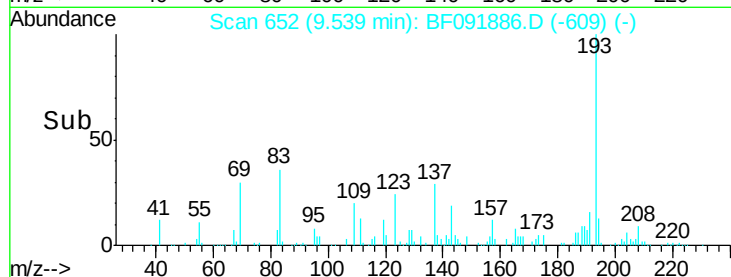
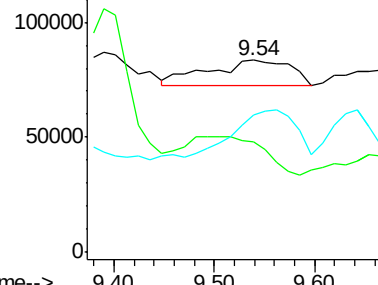
138 71.4 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 60.15 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.13 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

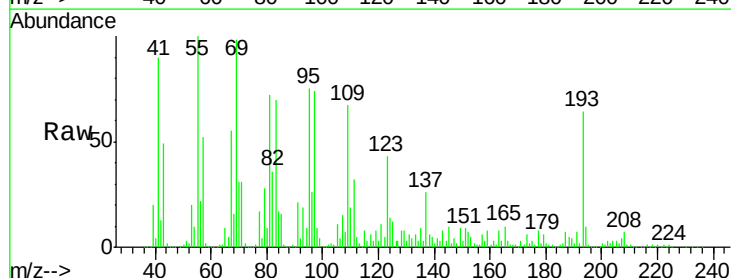
Tgt Ion: 152 Resp: 88407

Ion Ratio Lower Upper

152 100

151 131.4 16.9 25.3#

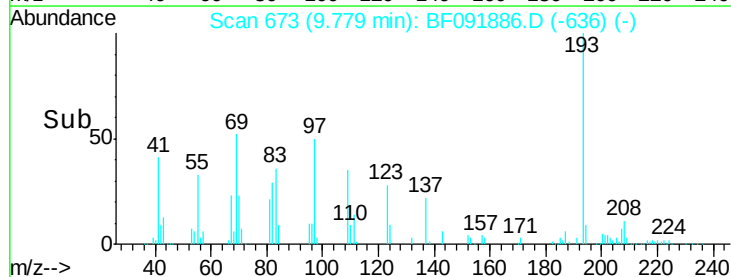
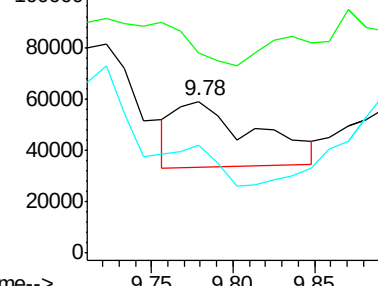
153 71.3 11.4 17.2#

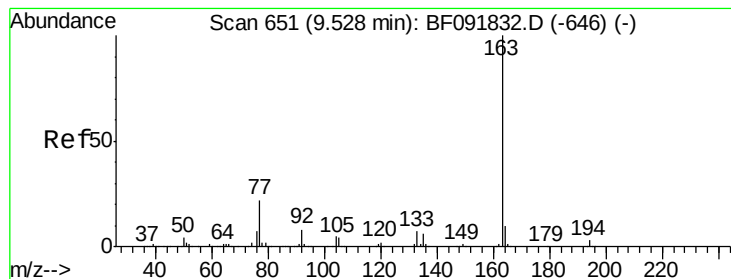


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 243.56 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.13 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

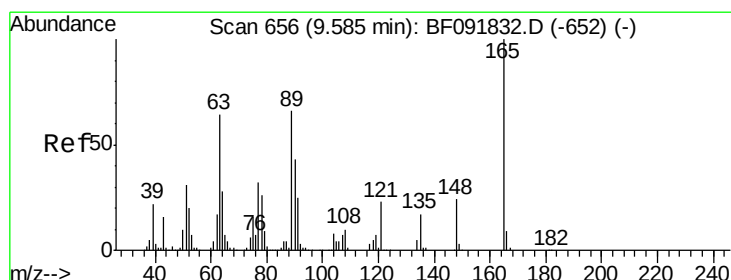
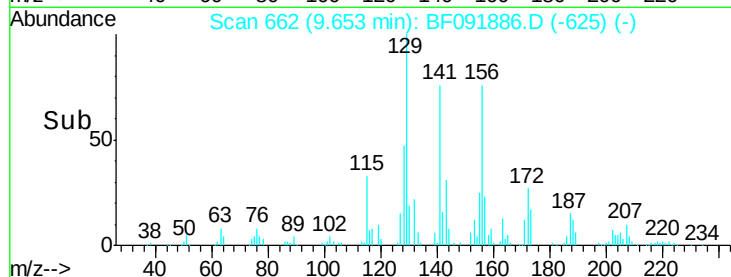
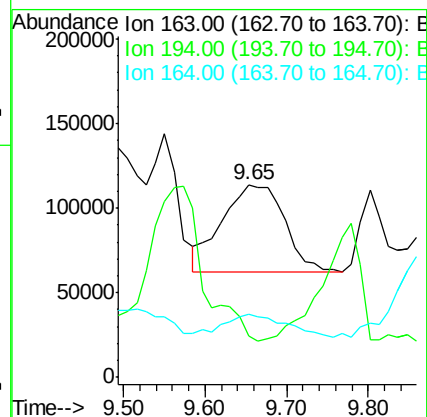
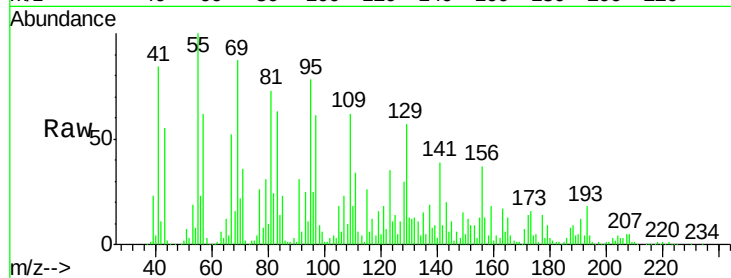
Tgt Ion:163 Resp: 274572

Ion Ratio Lower Upper

163 100

194 21.5 3.0 4.4#

164 32.7 8.0 12.0#



#50

2,6-Dinitrotoluene

Concen: 251.04 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.19 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

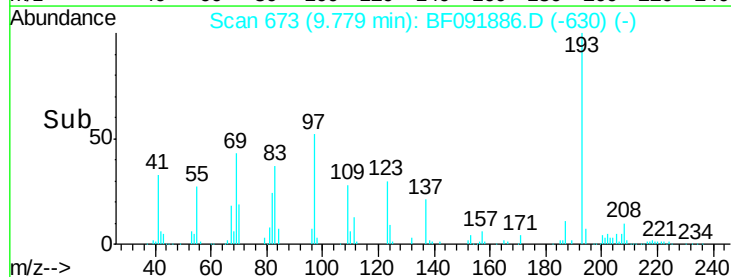
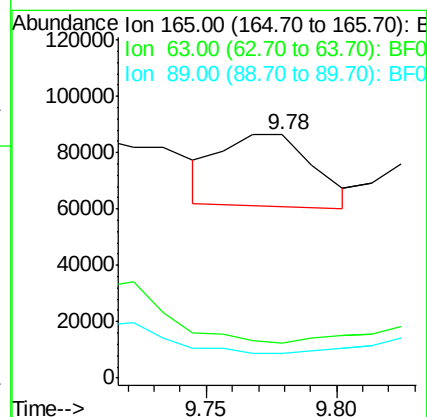
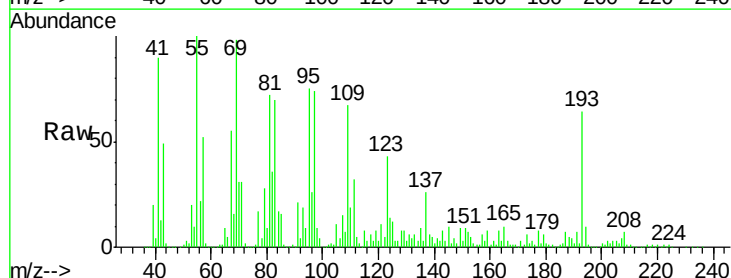
Tgt Ion:165 Resp: 61944

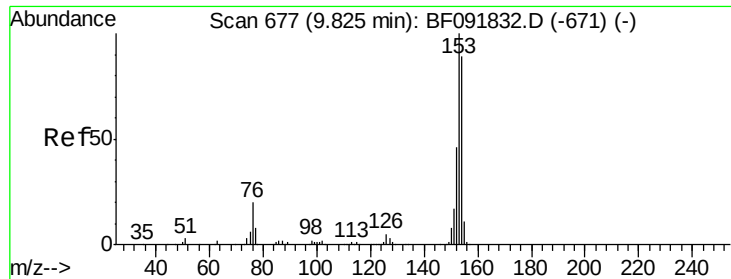
Ion Ratio Lower Upper

165 100

63 14.4 36.2 54.4#

89 10.0 40.2 60.4#





#51

Acenaphthene

Concen: 31.75 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.15 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

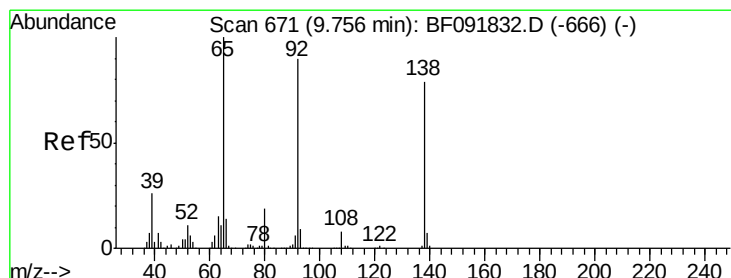
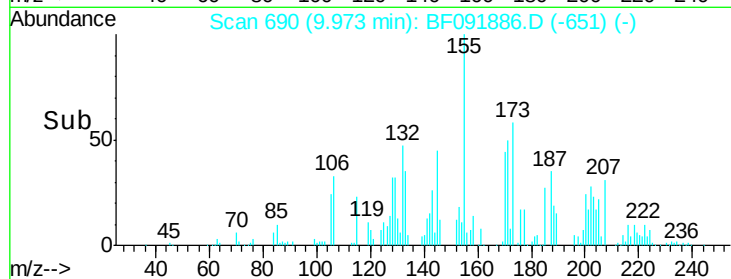
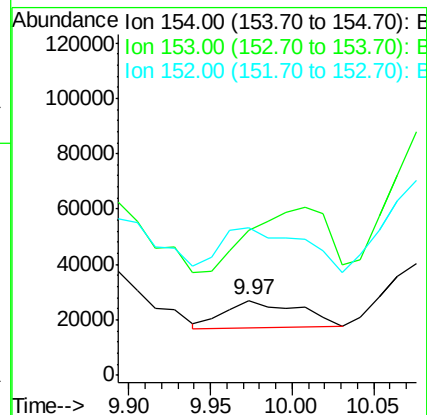
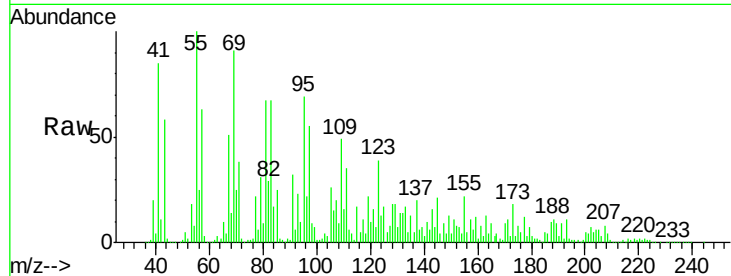
Tgt Ion:154 Resp: 31641

Ion Ratio Lower Upper

154 100

153 194.8 88.6 133.0#

152 197.8 41.6 62.4#



#52

3-Nitroaniline

Concen: 126.11 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.23 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

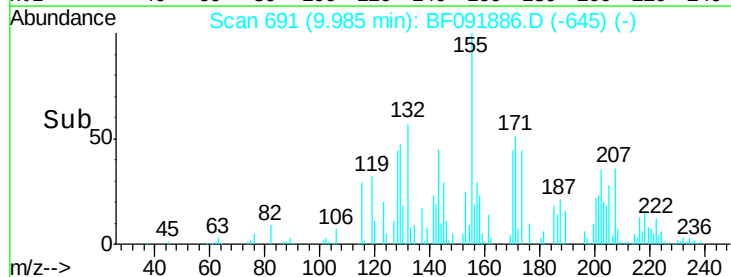
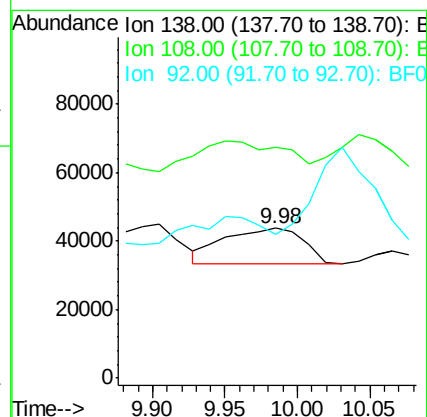
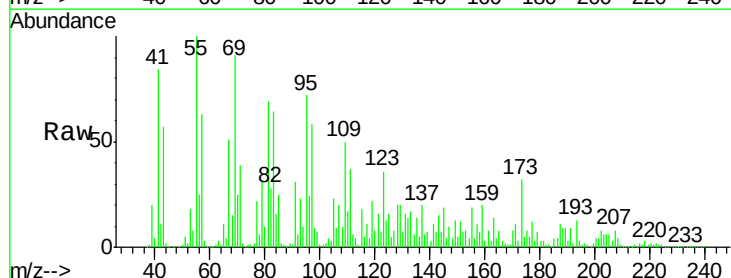
Tgt Ion:138 Resp: 38508

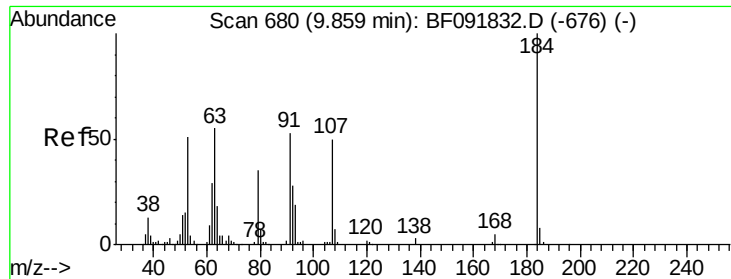
Ion Ratio Lower Upper

138 100

108 154.1 8.5 12.7#

92 96.3 97.8 146.8#

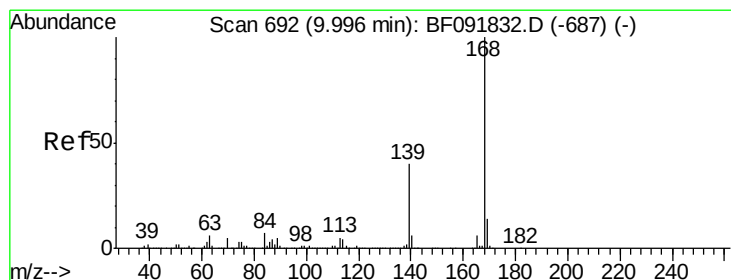
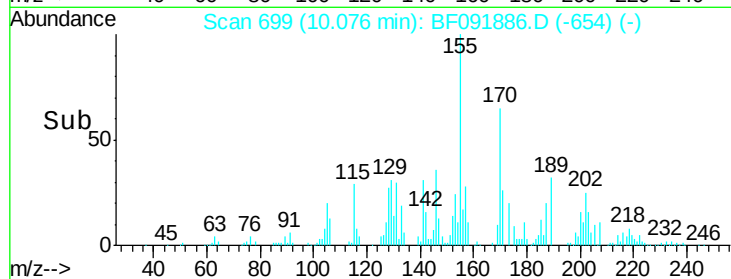
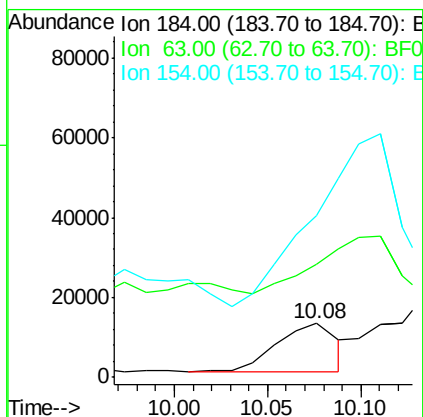
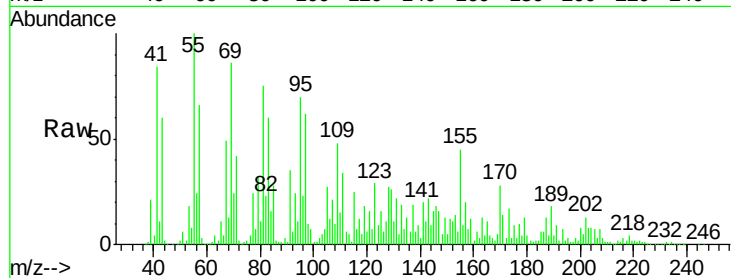




#53
2,4-Dinitrophenol
Concen: 199.84 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.22 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

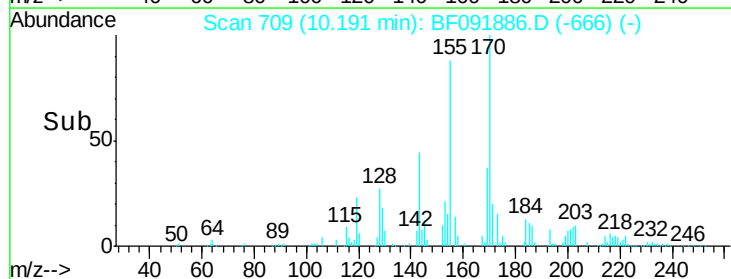
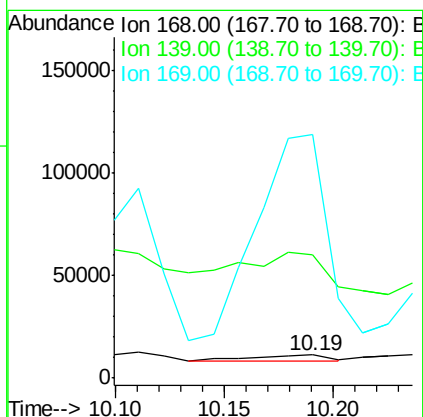
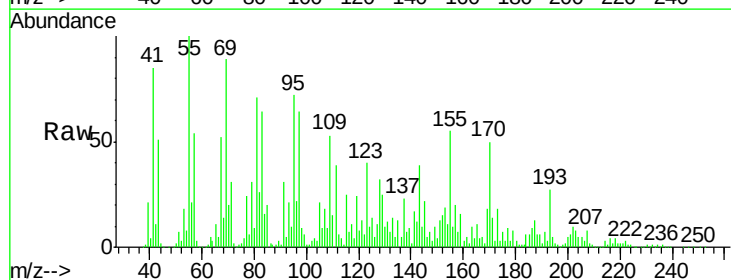
Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916

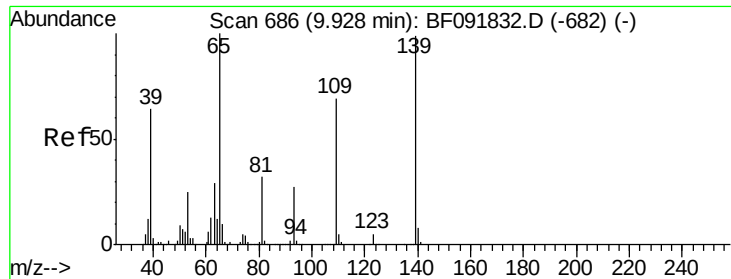
Tgt Ion:184 Resp: 27437
Ion Ratio Lower Upper
184 100
63 209.7 28.4 42.6#
154 300.8 44.3 66.5#



#54
Dibenzofuran
Concen: 5.23 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.19 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion:168 Resp: 7045
Ion Ratio Lower Upper
168 100
139 527.8 32.6 49.0#
169 1040.9 11.3 16.9#





#55

4-Nitrophenol

Concen: 424.34 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.17 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

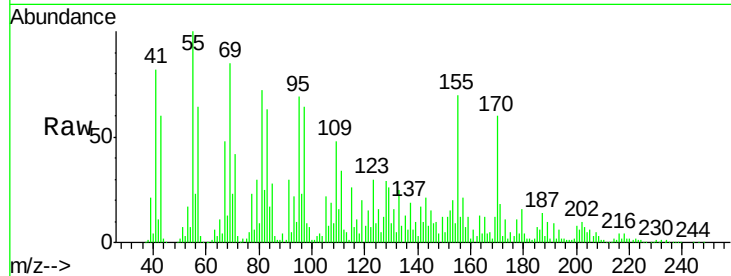
Tgt Ion:139 Resp: 87980

Ion Ratio Lower Upper

139 100

109 485.4 52.2 92.2#

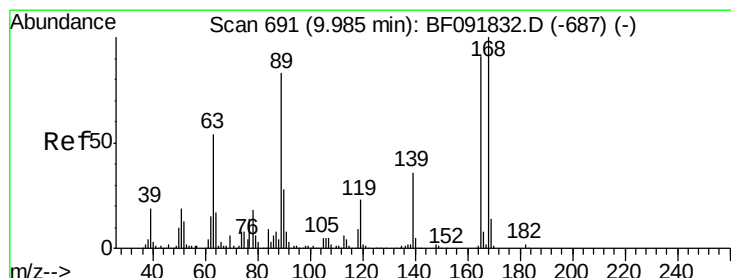
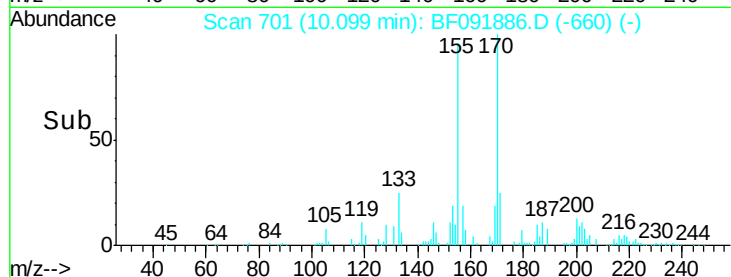
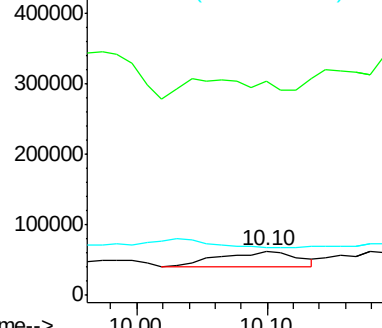
65 109.4 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 112.80 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.19 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tgt Ion:165 Resp: 34935

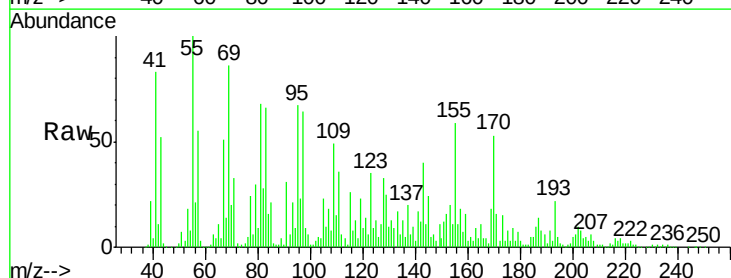
Ion Ratio Lower Upper

165 100

63 50.1 40.2 60.4

89 33.4 62.5 93.7#

182 6.1 1.8 2.8#

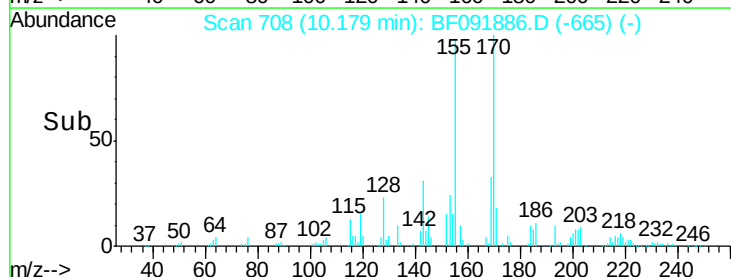
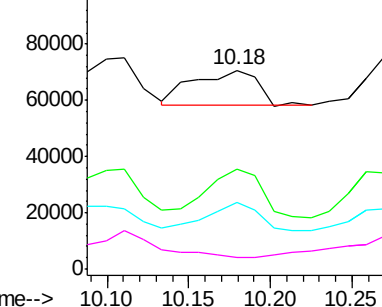


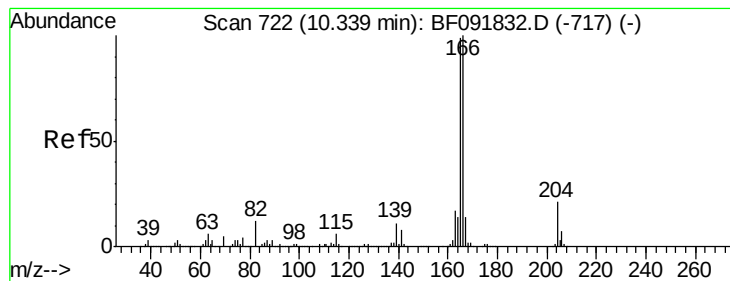
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.20 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.15 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

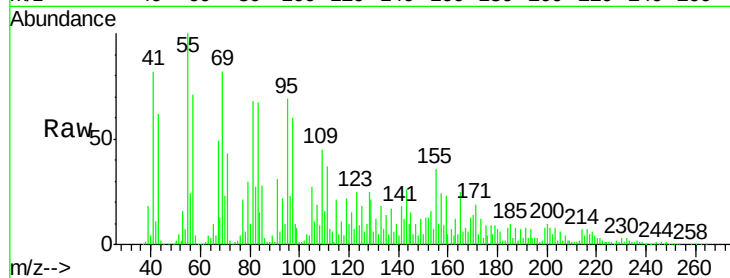
Tgt Ion:166 Resp: 39359

Ion Ratio Lower Upper

166 100

165 382.3 77.8 116.8#

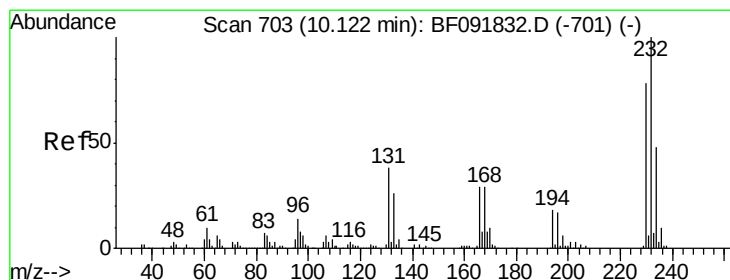
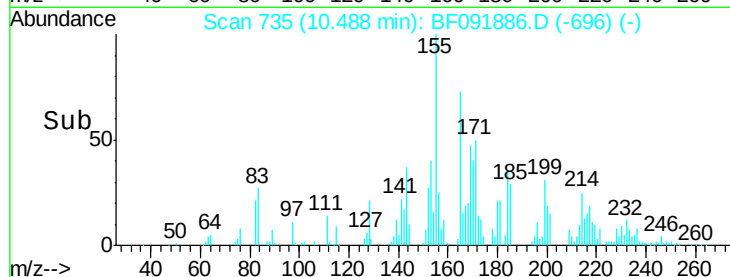
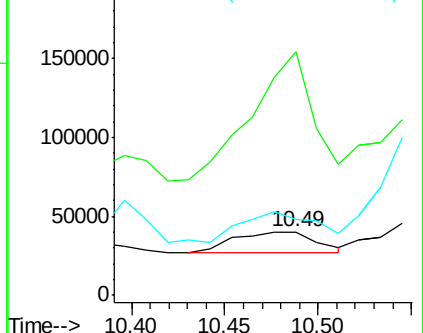
167 118.9 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 147.42 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.19 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tgt Ion:232 Resp: 37369

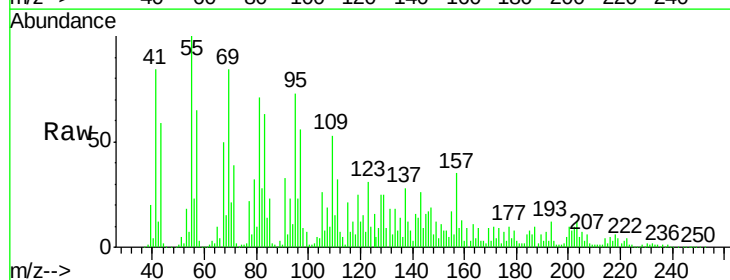
Ion Ratio Lower Upper

232 100

131 582.5 40.1 60.1#

130 0.0 1.8 2.8#

166 0.0 26.6 39.8#

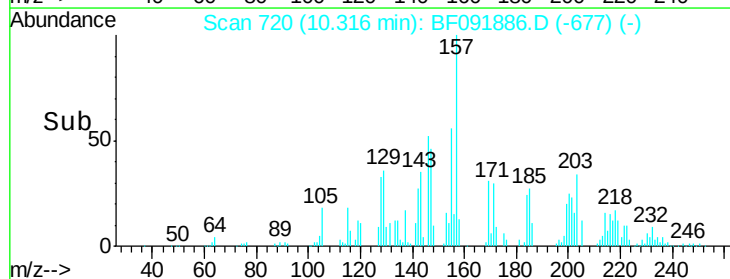
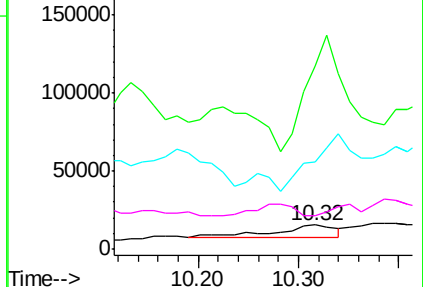


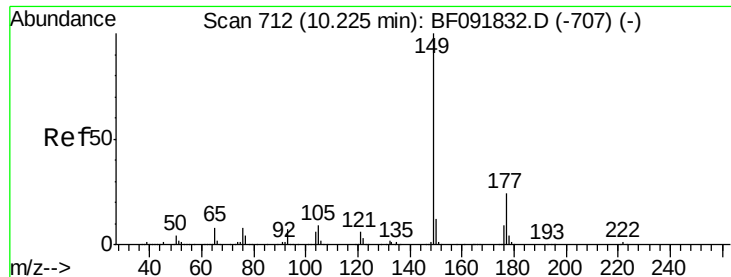
Abundance Ion 232.00 (231.70 to 232.70): E

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

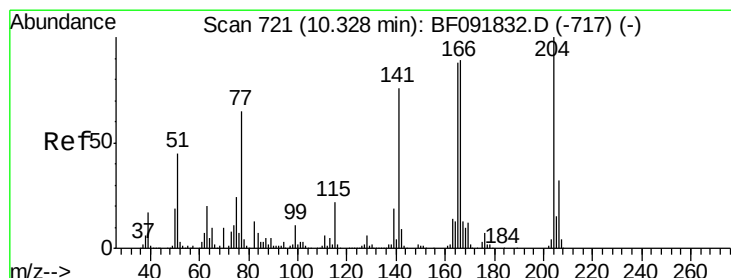
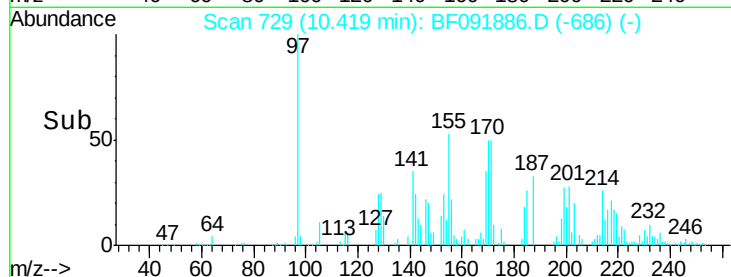
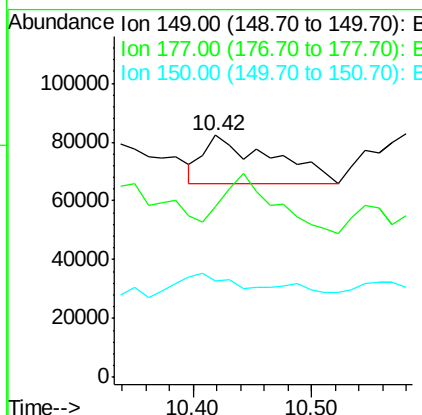
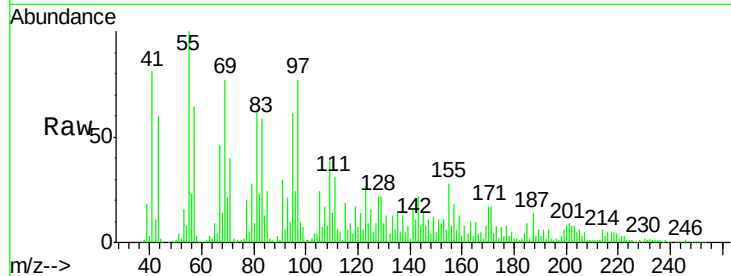




#59
Diethylphthalate
Concen: 59.71 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.19 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

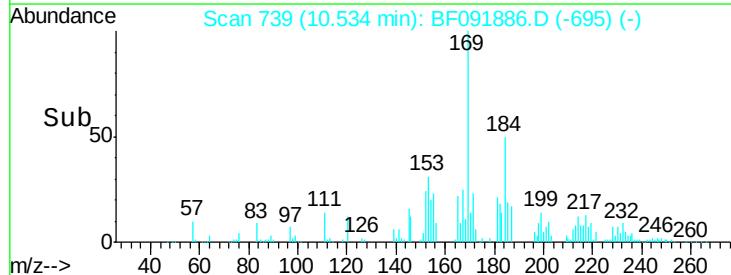
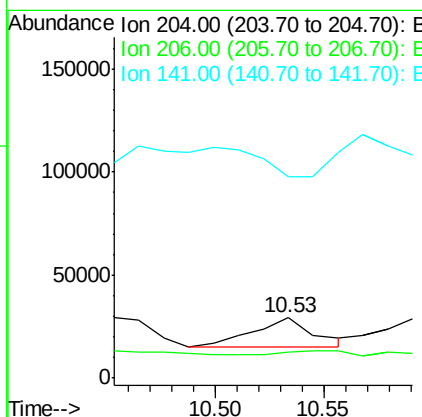
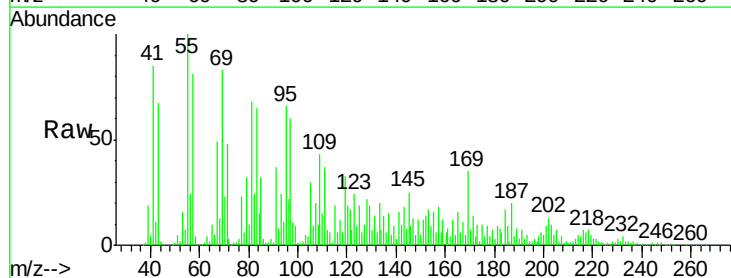
Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916

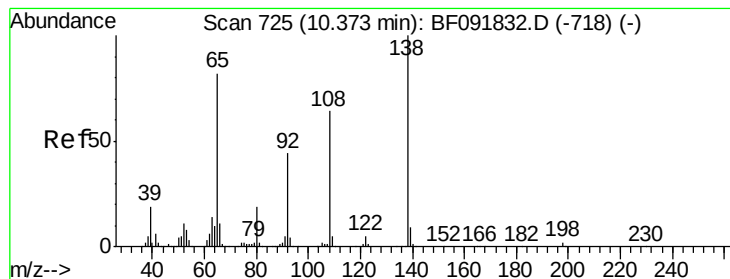
Tgt Ion:149 Resp: 65369
Ion Ratio Lower Upper
149 100
177 70.8 16.6 25.0#
150 39.7 10.4 15.6#



#60
4-Chlorophenyl-phenylether
Concen: 62.18 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.21 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion:204 Resp: 26658
Ion Ratio Lower Upper
204 100
206 43.2 25.8 38.6#
141 333.4 59.4 89.0#





#61

4-Nitroaniline

Concen: 378.71 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

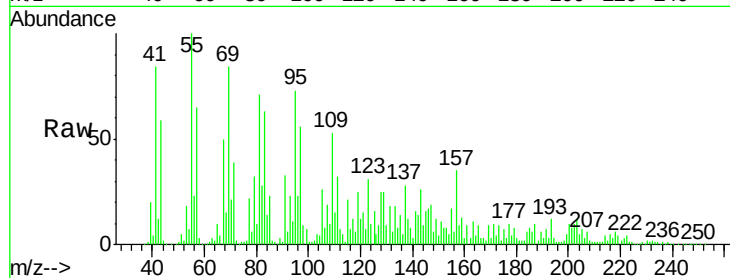
Tgt Ion:138 Resp: 119838

Ion Ratio Lower Upper

138 100

92 53.4 31.7 71.7

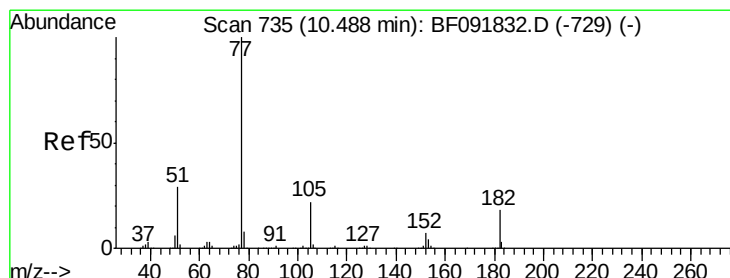
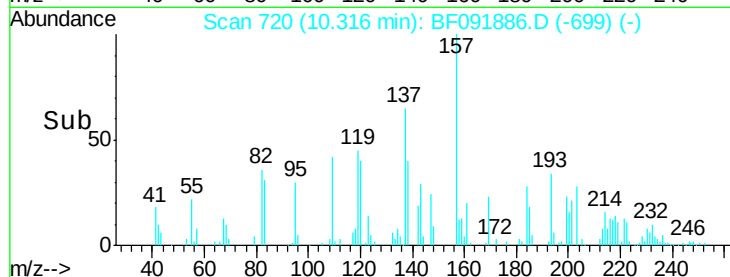
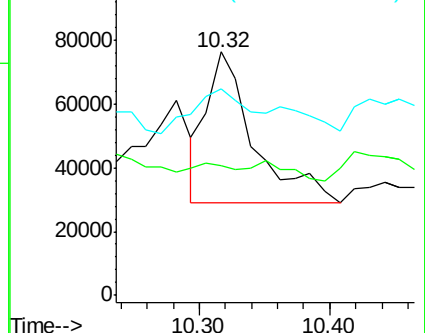
108 84.6 52.6 92.6



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: 13.59 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.05 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tgt Ion: 77 Resp: 16376

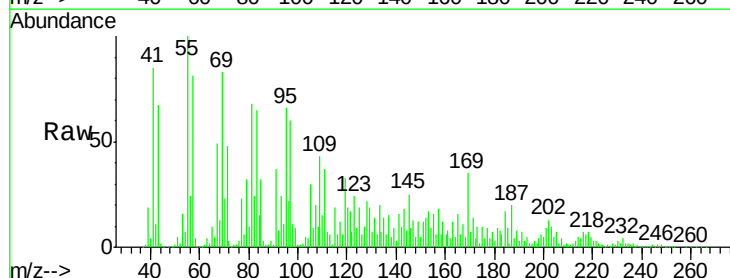
Ion Ratio Lower Upper

77 100

182 35.0 0.0 39.3

105 127.3 2.3 42.3#

51 22.5 8.9 48.9

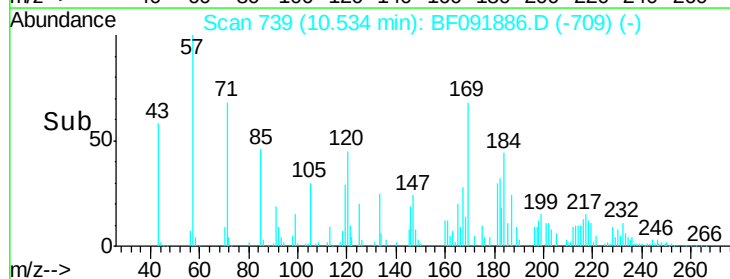
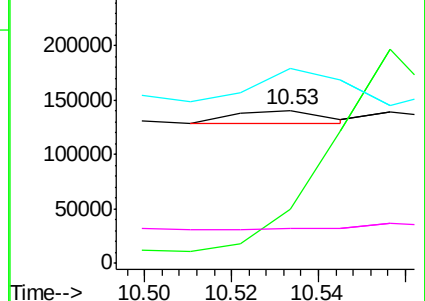


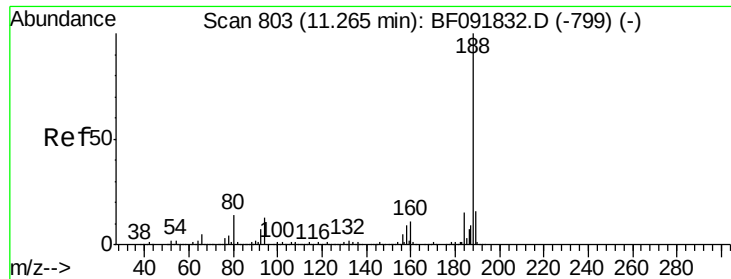
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

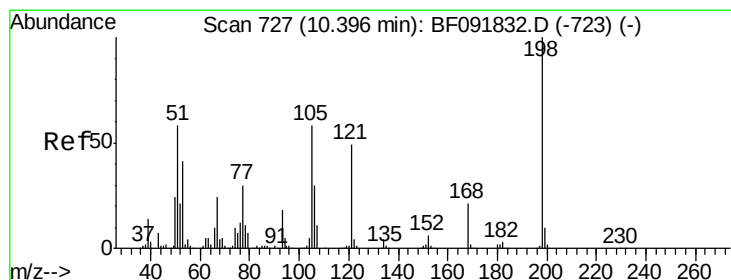
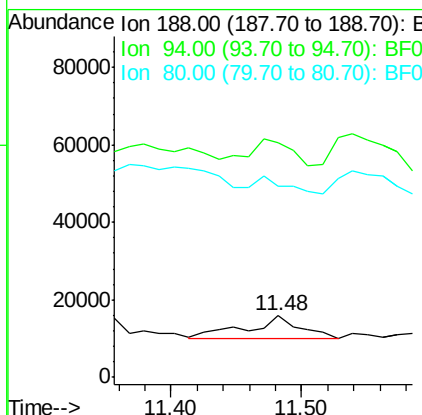
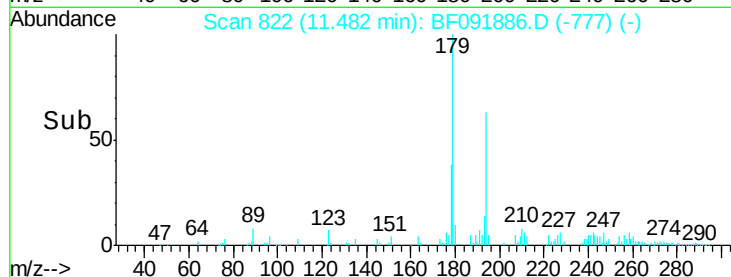
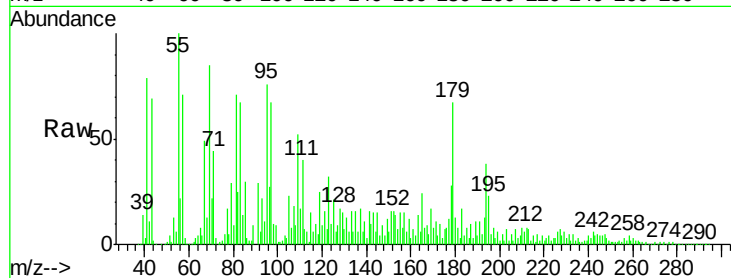




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.22 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

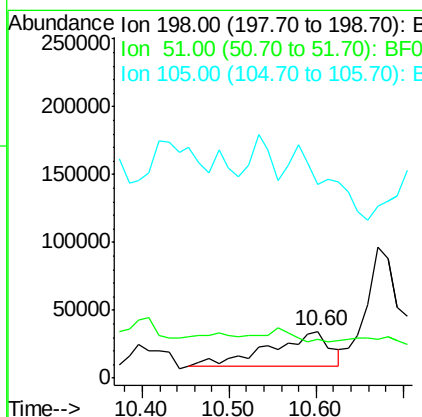
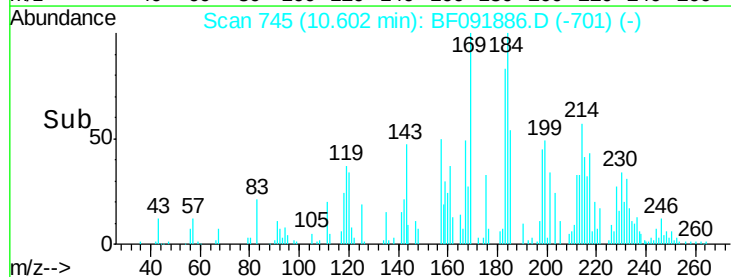
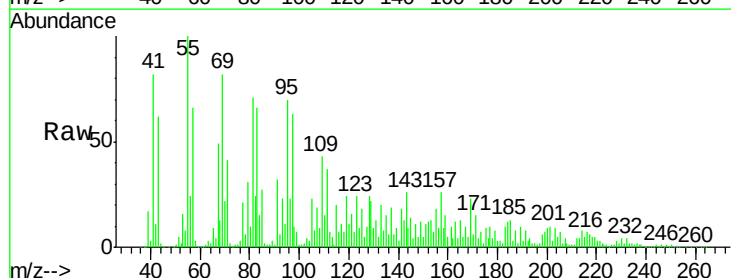
Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916

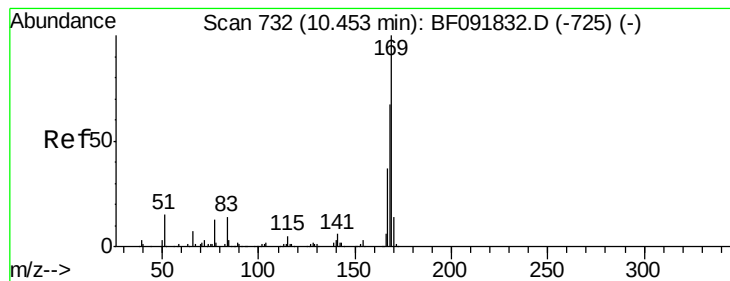
Tgt Ion:188 Resp: 16928
Ion Ratio Lower Upper
188 100
94 383.3 10.0 15.0#
80 311.5 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 1215.57 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.21 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion:198 Resp: 124429
Ion Ratio Lower Upper
198 100
51 81.7 6.7 46.7#
105 413.9 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 1353.91 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

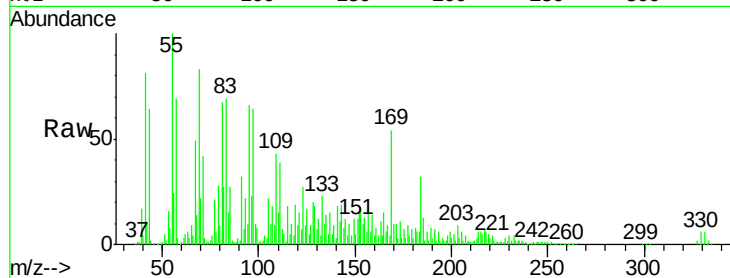
Tgt Ion:169 Resp: 680082

Ion Ratio Lower Upper

169 100

168 8.0 54.2 81.2#

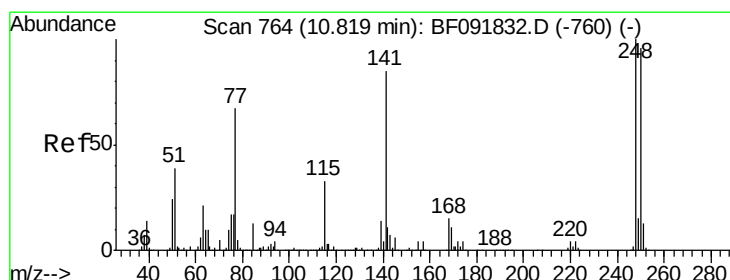
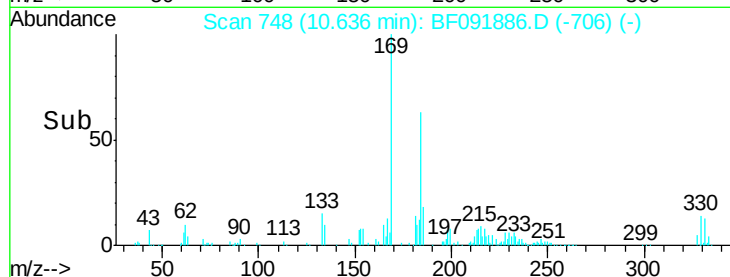
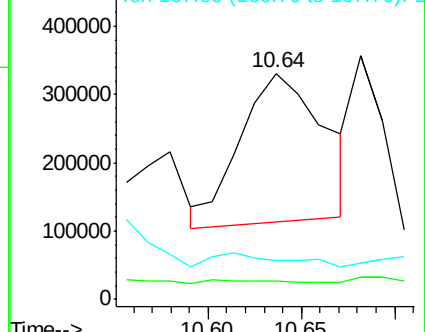
167 17.0 30.2 45.4#



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



#66

4-Bromophenyl-phenylether

Concen: 106.40 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.22 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

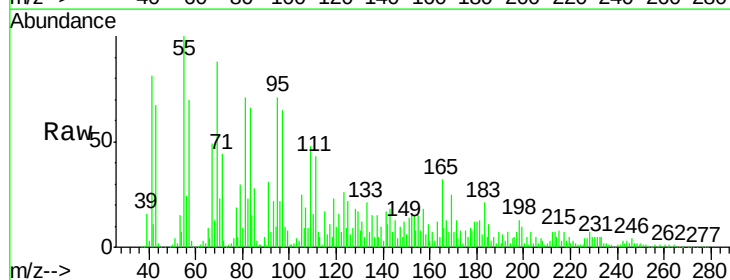
Tgt Ion:248 Resp: 18737

Ion Ratio Lower Upper

248 100

250 83.3 76.9 115.3

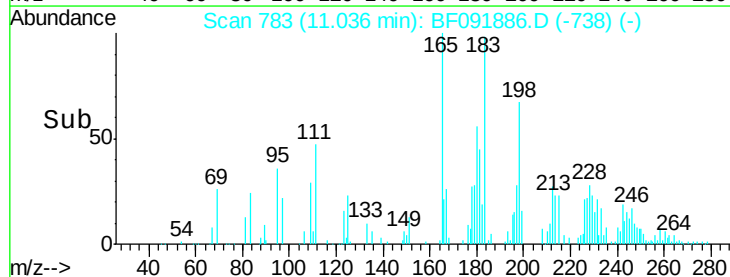
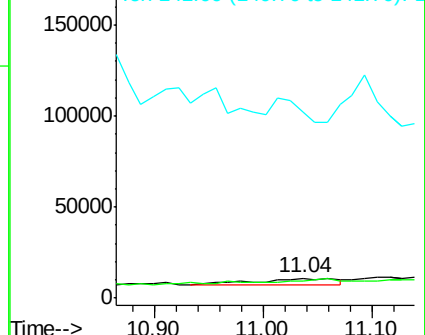
141 936.8 68.2 102.4#

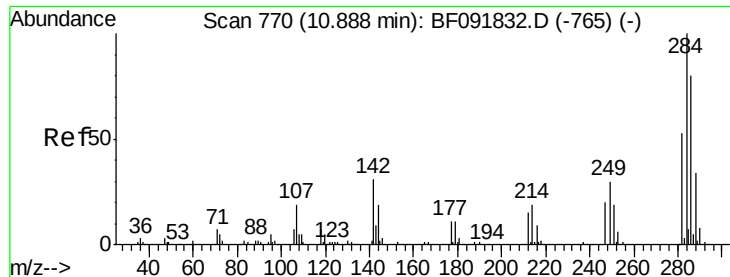


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 5.74 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.43 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

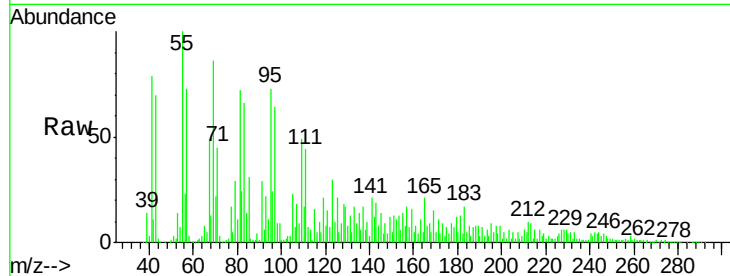
Tgt Ion:284 Resp: 1080

Ion Ratio Lower Upper

284 100

142 14016.5 22.6 33.8#

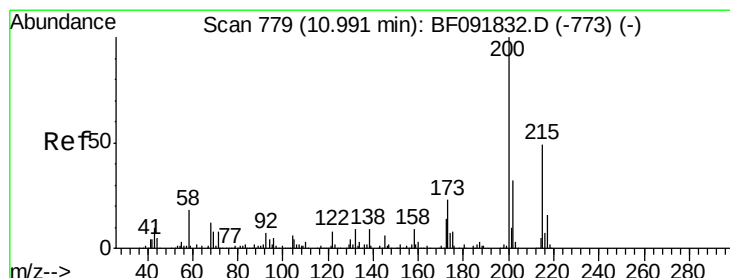
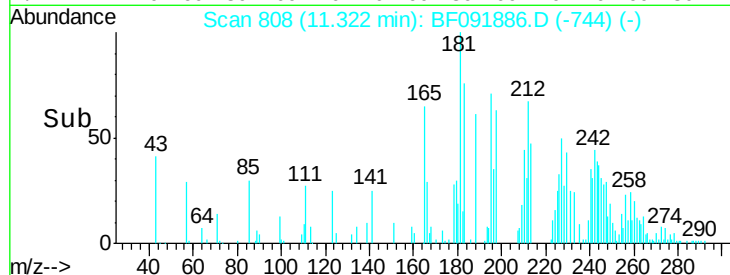
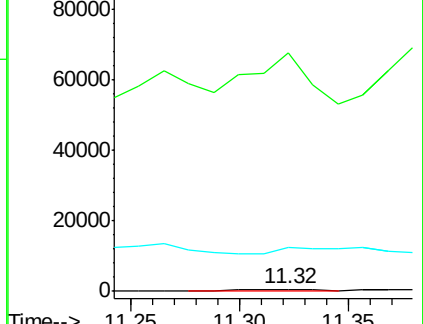
249 2550.8 25.4 38.0#



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



#68

Atrazine

Concen: 13.18 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.22 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

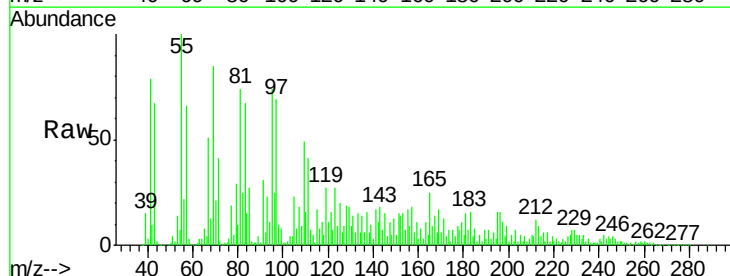
Tgt Ion:200 Resp: 2136

Ion Ratio Lower Upper

200 100

173 325.6 9.6 49.6#

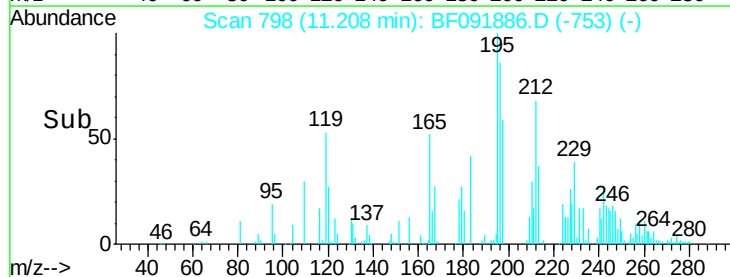
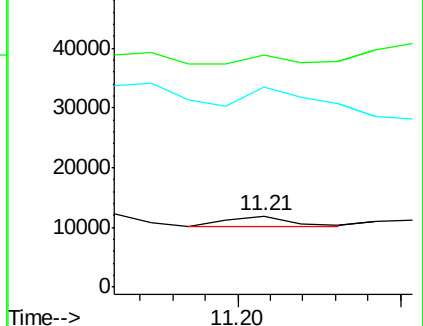
215 280.9 25.7 65.7#

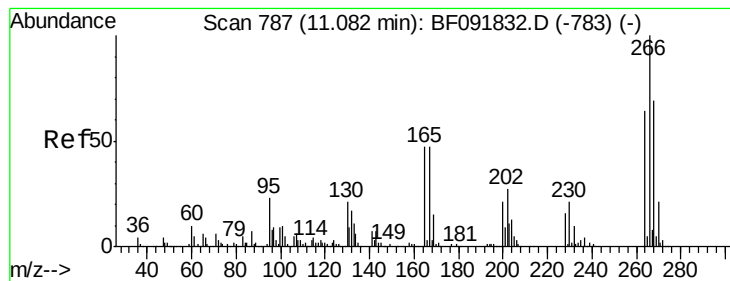


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 28.57 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.24 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

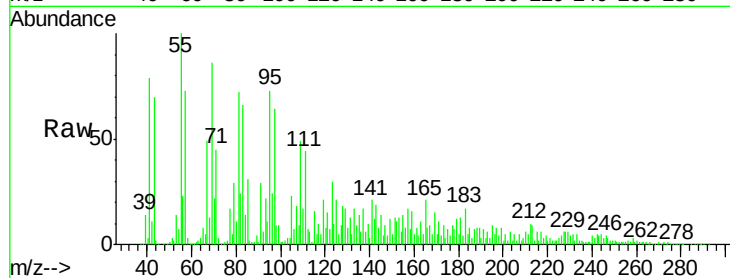
Tgt Ion:266 Resp: 2639

Ion Ratio Lower Upper

266 100

268 42.5 53.3 79.9#

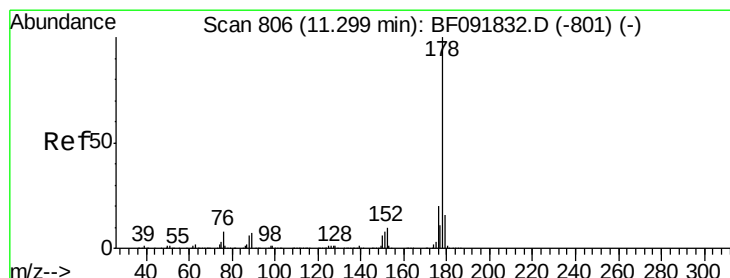
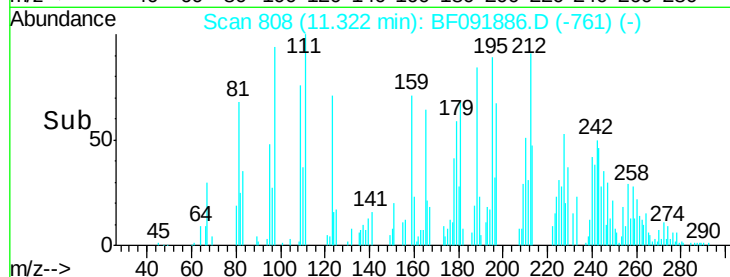
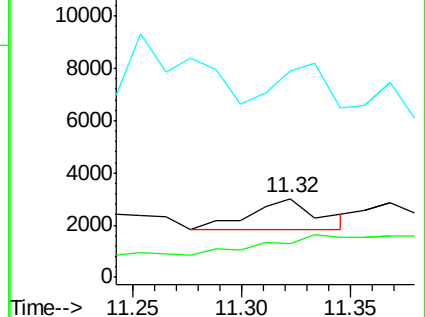
264 261.0 50.3 75.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 143.79 ng

RT: 11.57 min Scan# 830

Delta R.T. 0.27 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

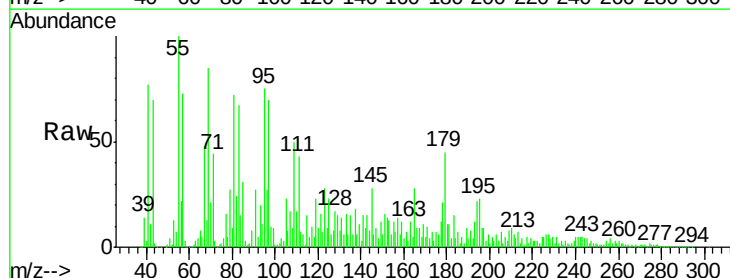
Tgt Ion:178 Resp: 131986

Ion Ratio Lower Upper

178 100

176 30.7 16.6 25.0#

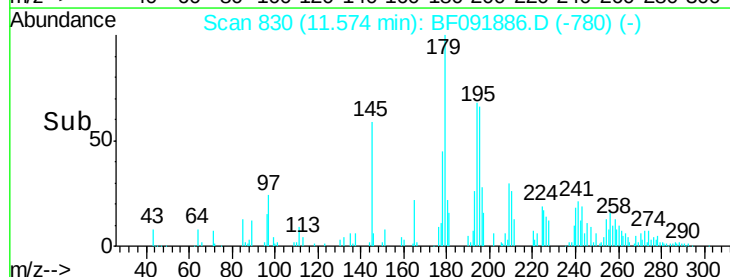
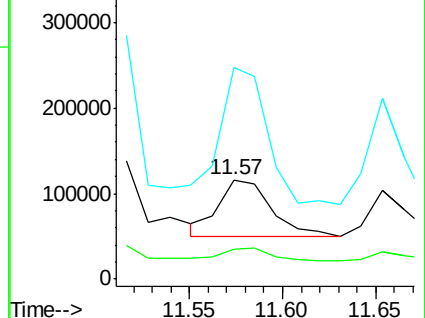
179 213.6 12.8 19.2#

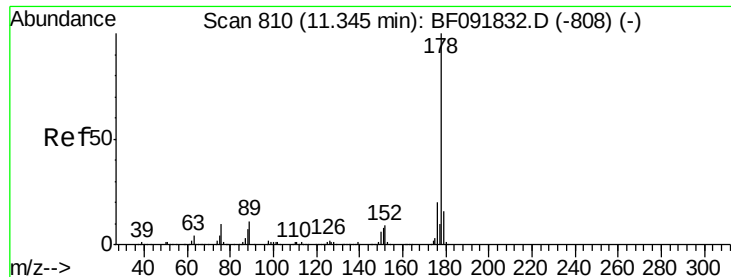


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

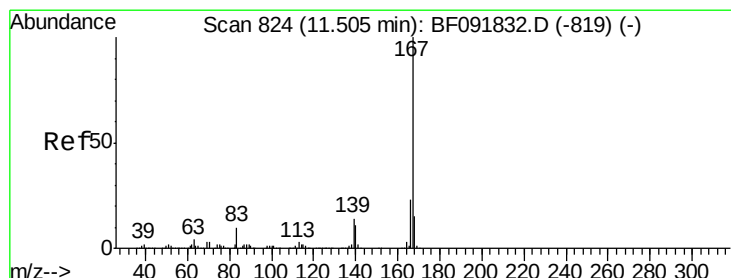
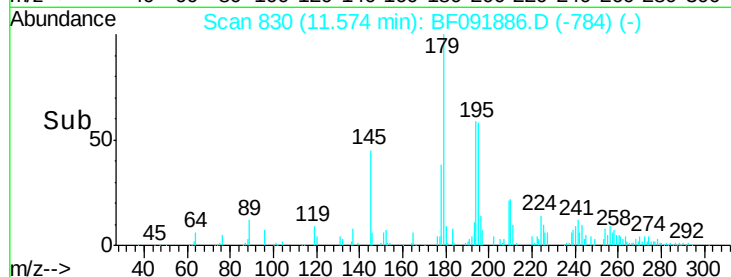
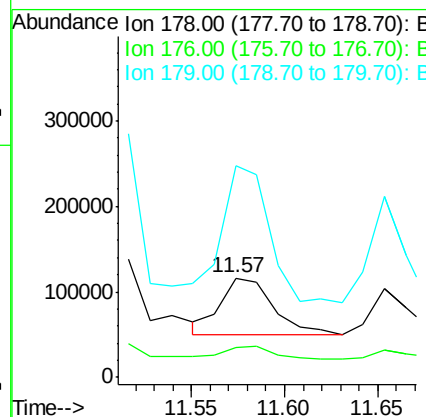
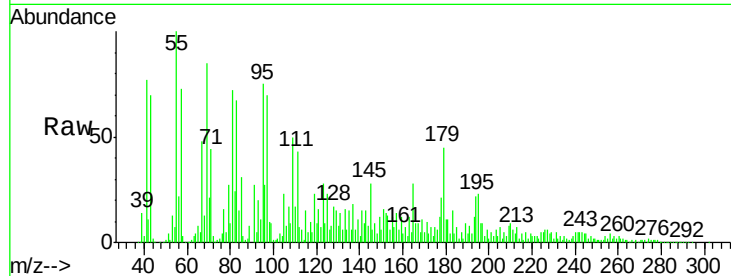




#71
 Anthracene
 Concen: Below Cal
 RT: 11.57 min Scan# 830
 Delta R.T. 0.23 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

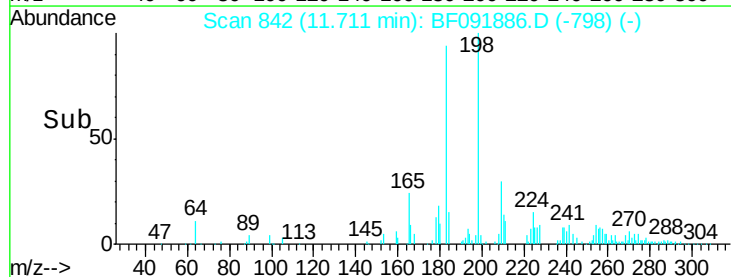
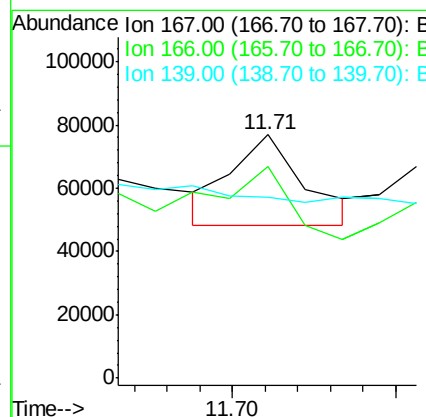
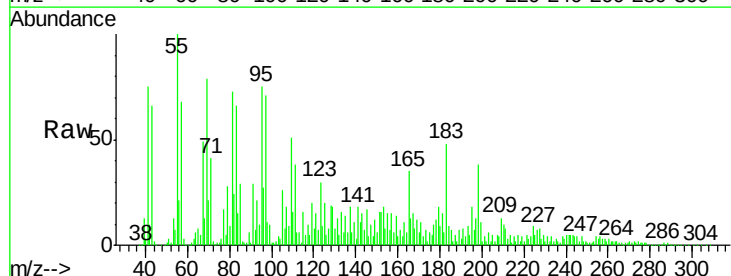
Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916

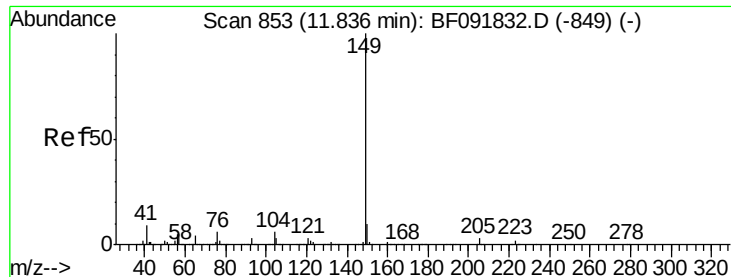
Tgt Ion:178 Resp: 131986
 Ion Ratio Lower Upper
 178 100
 176 30.7 15.9 23.9#
 179 213.6 13.2 19.8#



#72
 Carbazole
 Concen: Below Cal
 RT: 11.71 min Scan# 842
 Delta R.T. 0.21 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

Tgt Ion:167 Resp: 44239
 Ion Ratio Lower Upper
 167 100
 166 87.0 18.2 27.2#
 139 74.5 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 46.45 ng

RT: 12.09 min Scan# 875

Delta R.T. 0.25 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

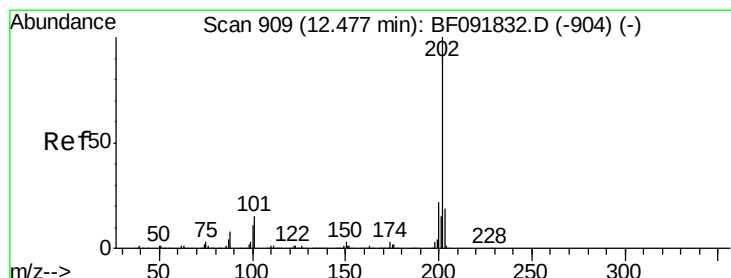
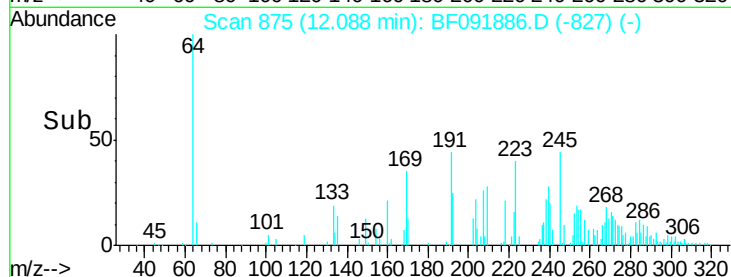
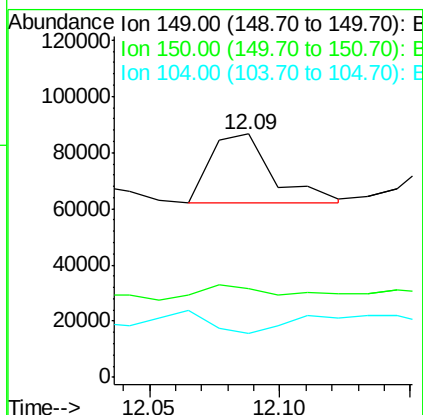
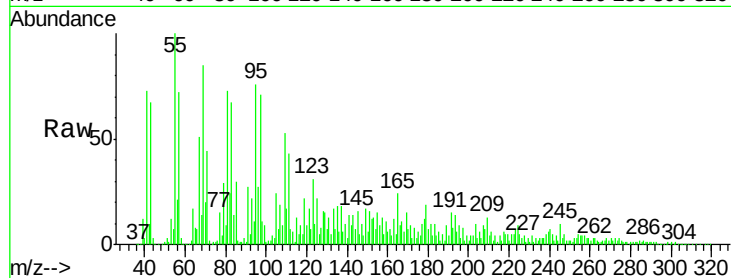
Tgt Ion:149 Resp: 40287

Ion Ratio Lower Upper

149 100

150 36.6 8.1 12.1#

104 17.9 4.6 7.0#



#74

Fluoranthene

Concen: 28.89 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.23 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

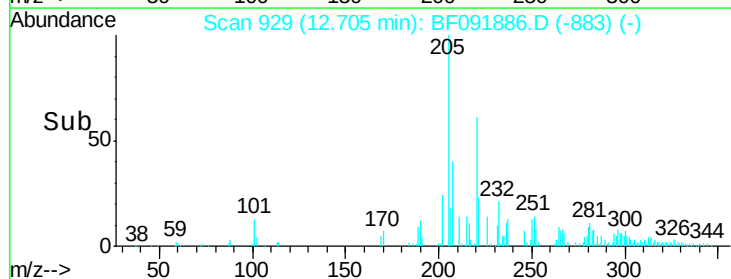
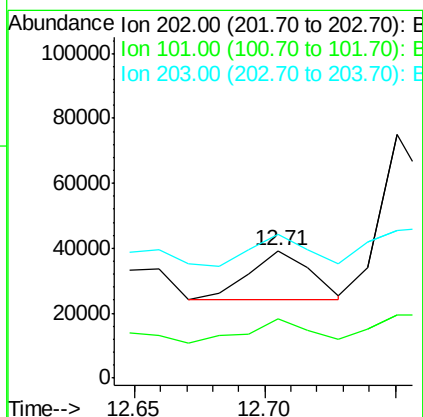
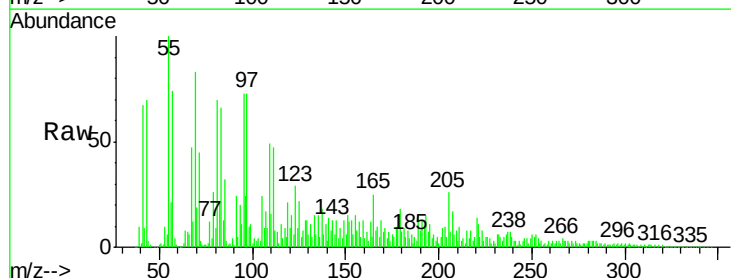
Tgt Ion:202 Resp: 24365

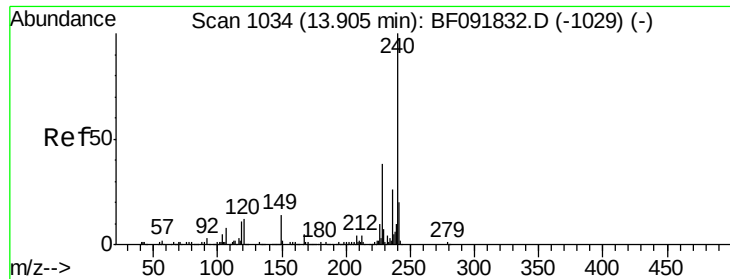
Ion Ratio Lower Upper

202 100

101 47.0 0.0 34.6#

203 112.5 0.0 38.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.31 min Scan# 1069

Delta R.T. 0.40 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

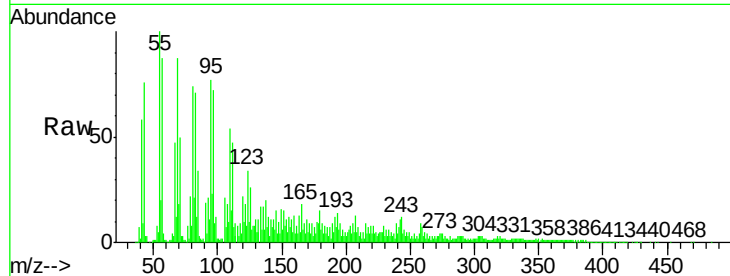
Tgt Ion:240 Resp: 11992

Ion Ratio Lower Upper

240 100

120 273.3 12.9 19.3#

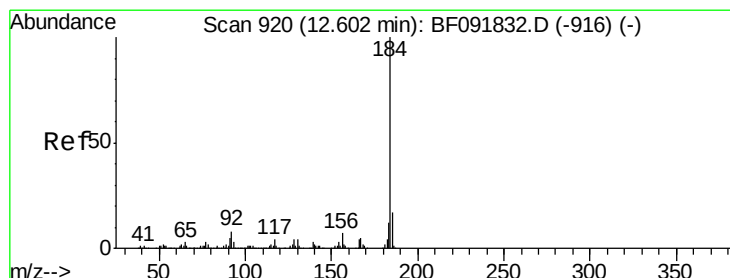
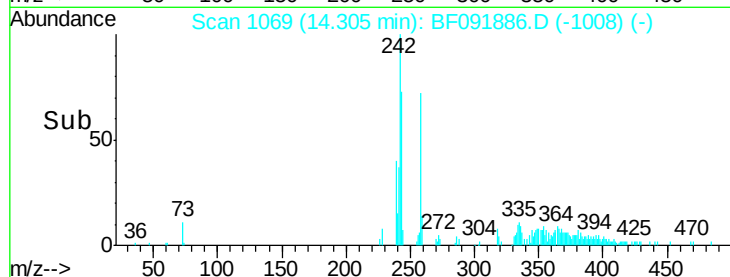
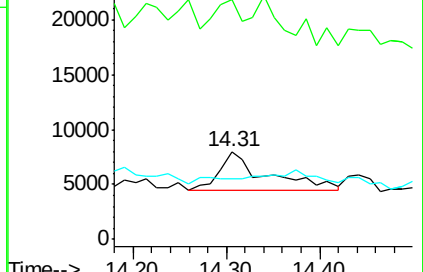
236 69.6 20.9 31.3#



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: 29.35 ng

RT: 13.04 min Scan# 958

Delta R.T. 0.43 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

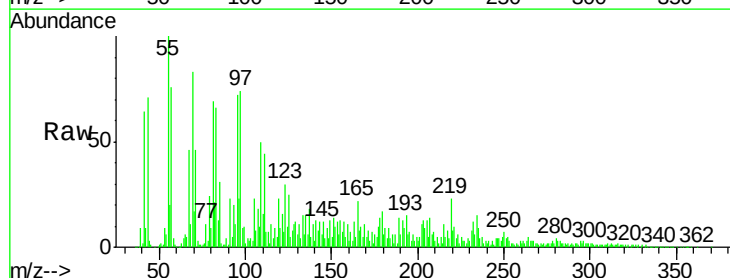
Tgt Ion:184 Resp: 9783

Ion Ratio Lower Upper

184 100

185 141.5 13.4 20.0#

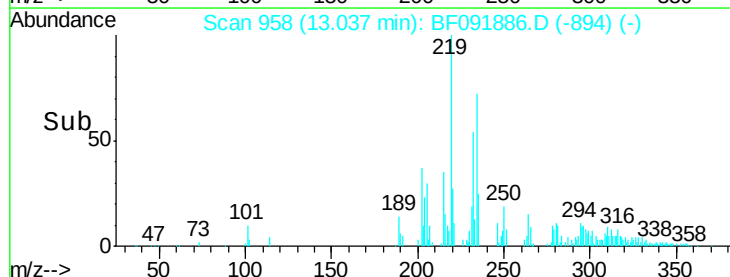
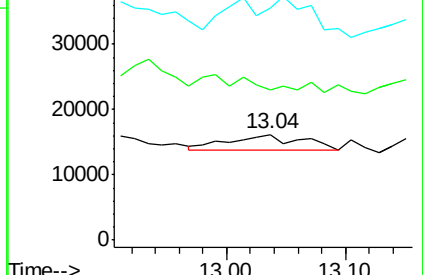
183 218.8 9.2 13.8#

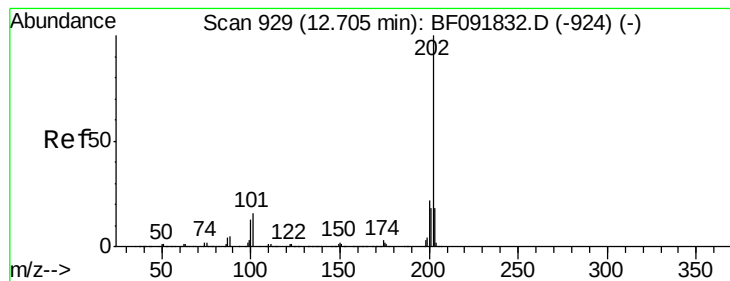


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 57.14 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.32 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

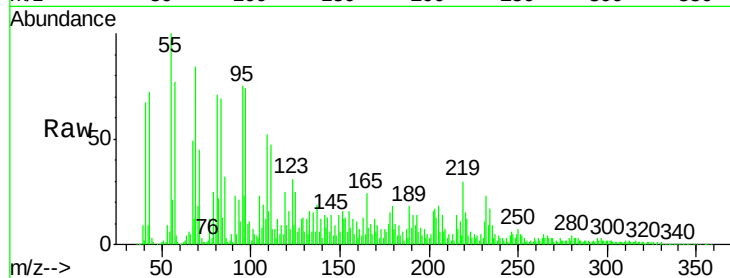
Tgt Ion:202 Resp: 50276

Ion Ratio Lower Upper

202 100

200 19.1 17.7 26.5

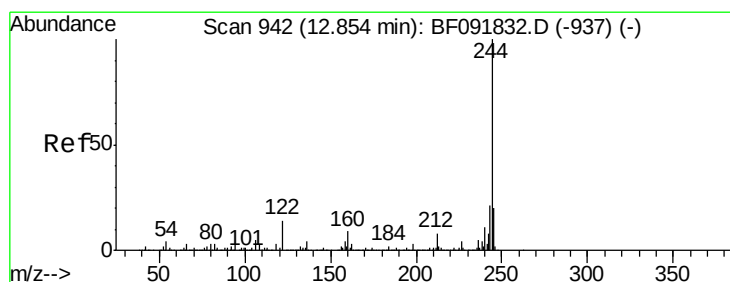
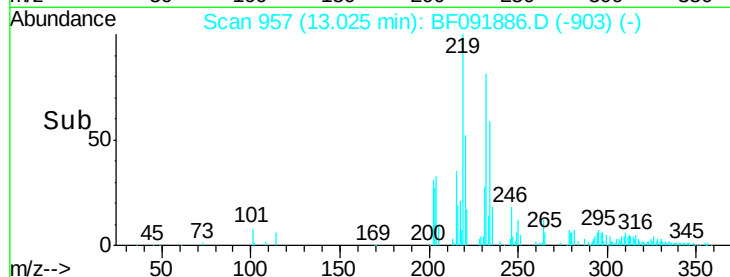
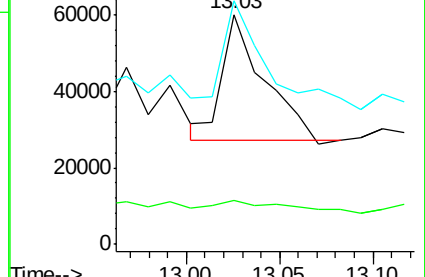
203 106.1 14.7 22.1#



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: 27.01 ng

RT: 13.20 min Scan# 972

Delta R.T. 0.34 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

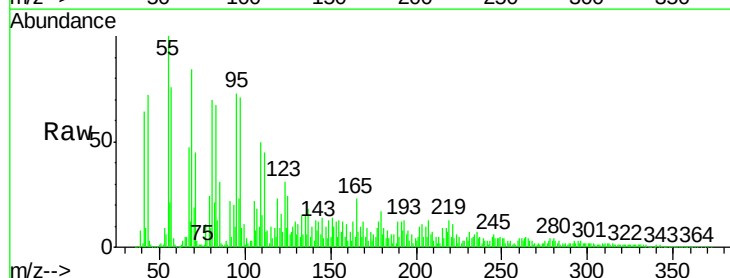
Tgt Ion:244 Resp: 13357

Ion Ratio Lower Upper

244 100

212 41.8 6.2 9.2#

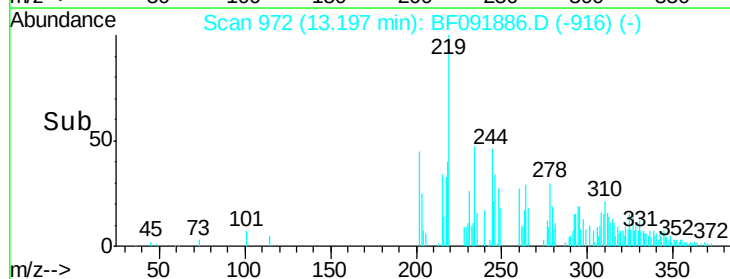
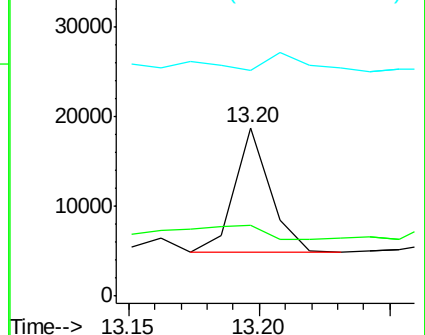
122 134.3 11.4 17.2#

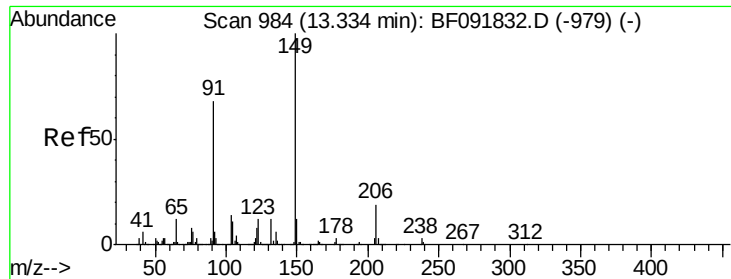


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

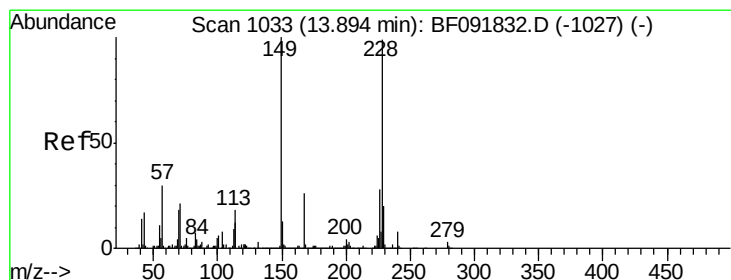
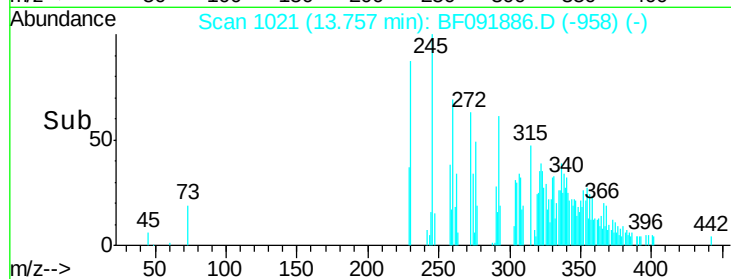
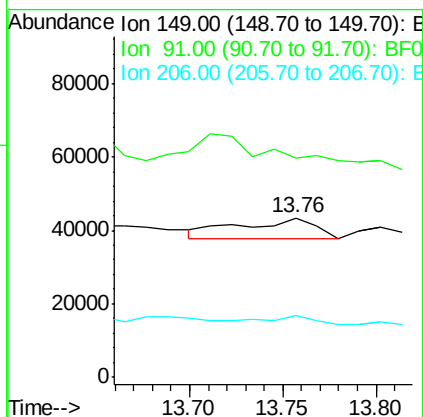
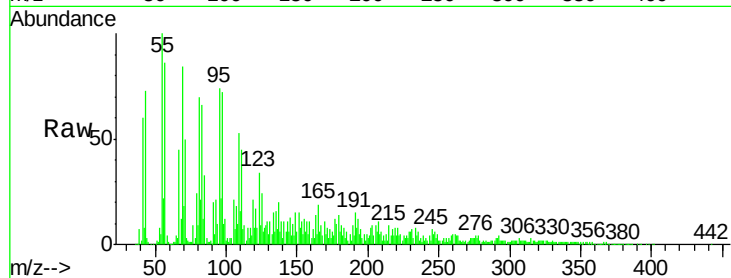




#79
Butylbenzylphthalate
Concen: 40.34 ng
RT: 13.76 min Scan# 1021
Delta R.T. 0.42 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

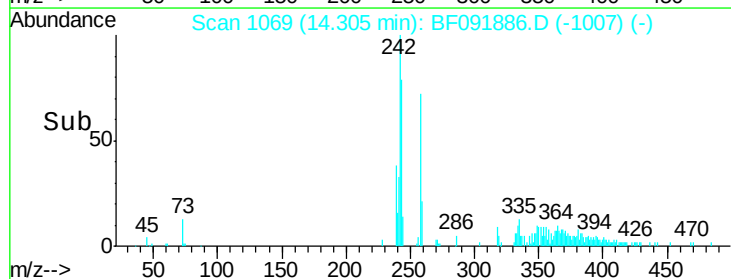
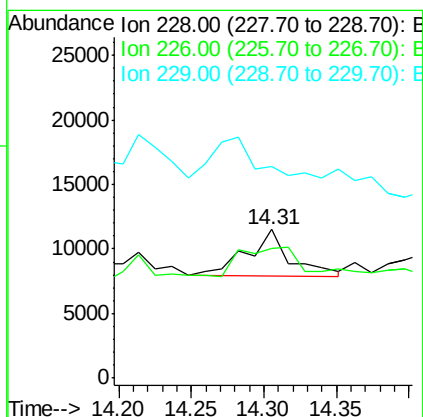
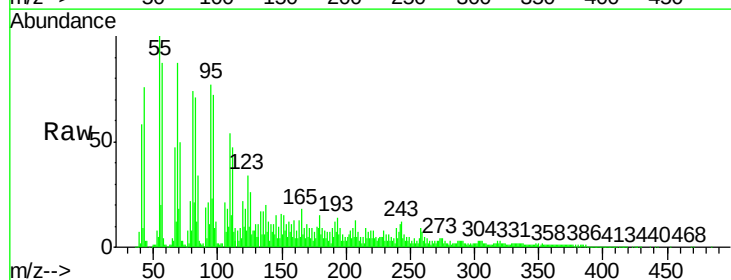
Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916

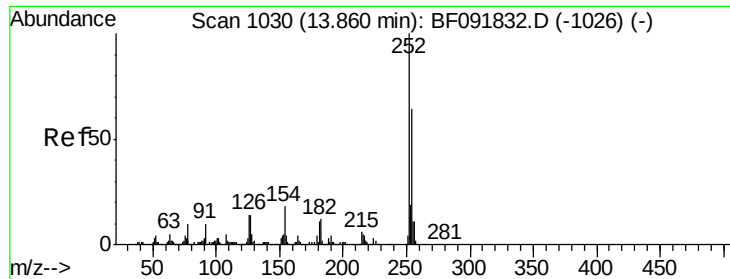
Tgt Ion:149 Resp: 16144
Ion Ratio Lower Upper
149 100
91 137.5 63.9 95.9#
206 38.4 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 11.08 ng
RT: 14.31 min Scan# 1069
Delta R.T. 0.41 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion:228 Resp: 7498
Ion Ratio Lower Upper
228 100
226 87.7 22.4 33.6#
229 142.0 16.2 24.4#

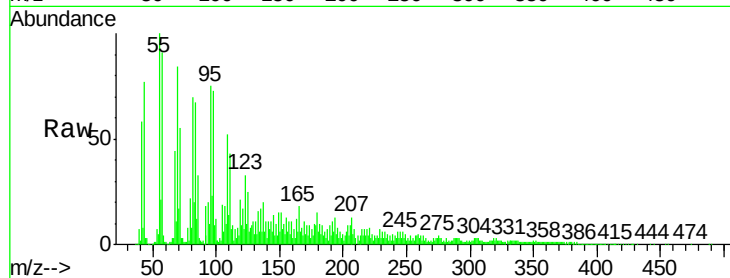




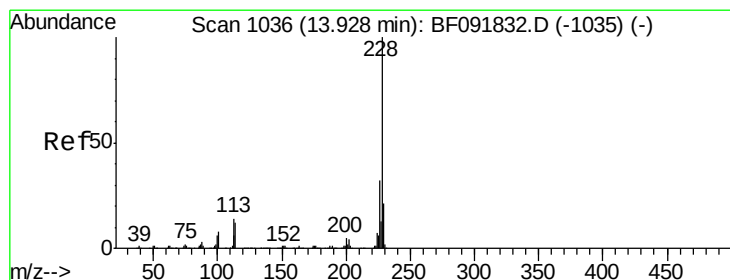
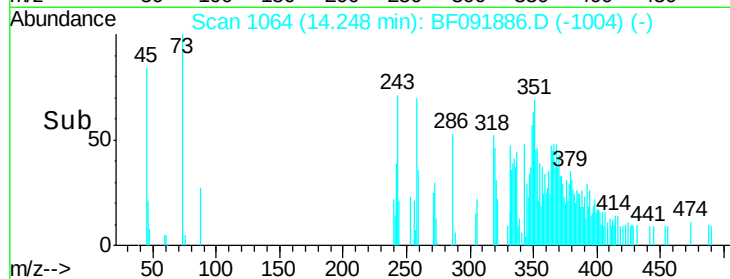
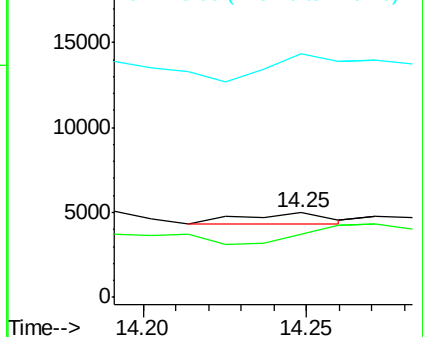
#81
 3,3'-Dichlorobenzidine
 Concen: 4.48 ng
 RT: 14.25 min Scan# 1064
 Delta R.T. 0.39 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916

Tgt Ion: 252 Resp: 1151
 Ion Ratio Lower Upper
 252 100
 254 75.4 52.3 78.5
 126 288.3 13.6 20.4#

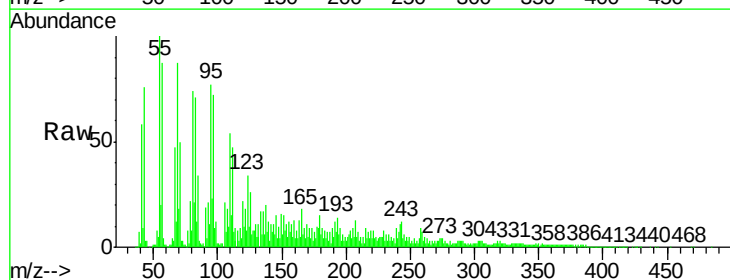


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

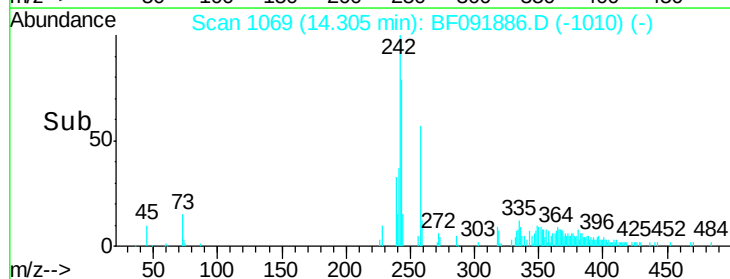
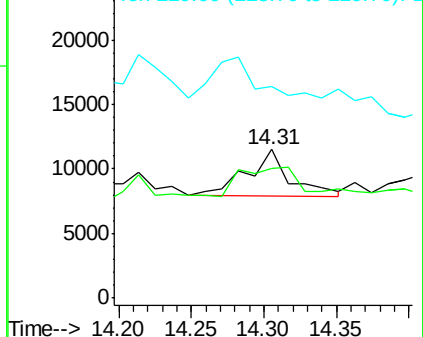


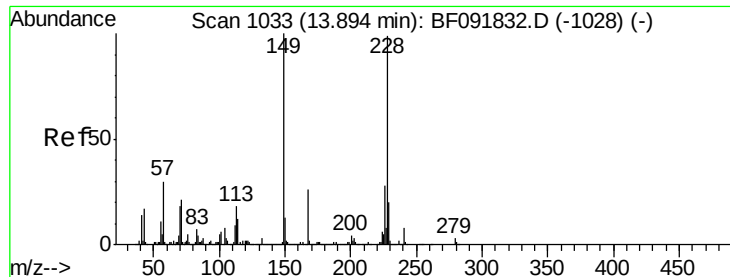
#82
 Chrysene
 Concen: 11.04 ng
 RT: 14.31 min Scan# 1069
 Delta R.T. 0.38 min
 Lab File: BF091886.D
 Acq: 22 Dec 2016 15:21

Tgt Ion: 228 Resp: 7498
 Ion Ratio Lower Upper
 228 100
 226 87.7 25.4 38.0#
 229 142.0 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: 27.65 ng

RT: 14.32 min Scan# 1070

Delta R.T. 0.42 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

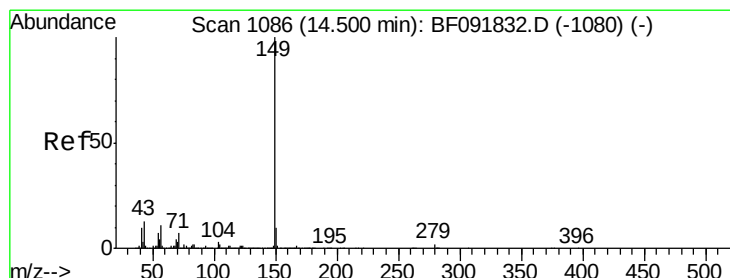
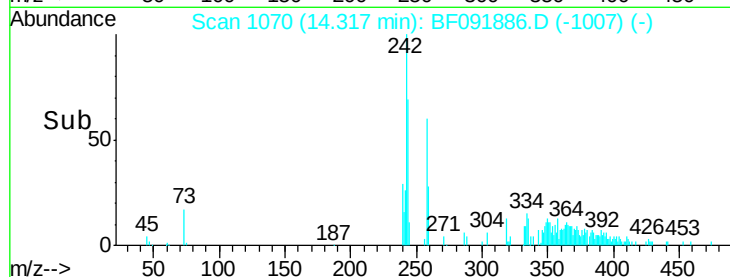
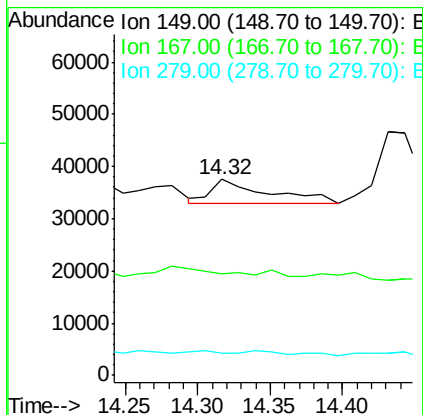
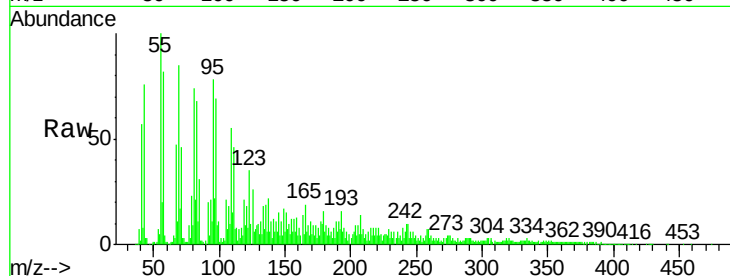
Tgt Ion:149 Resp: 13030

Ion Ratio Lower Upper

149 100

167 51.6 20.2 30.4#

279 11.2 1.8 2.8#



#84

Di-n-octyl phthalate

Concen: 32.38 ng

RT: 14.93 min Scan# 1124

Delta R.T. 0.43 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

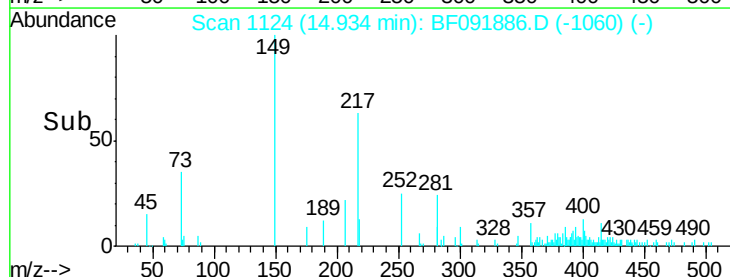
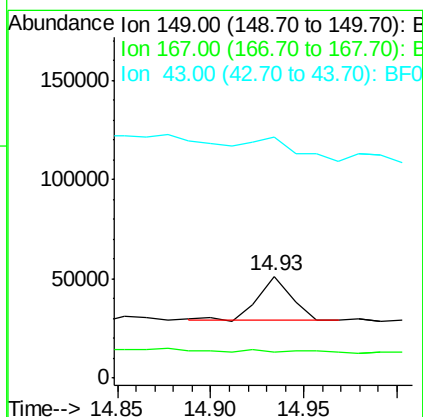
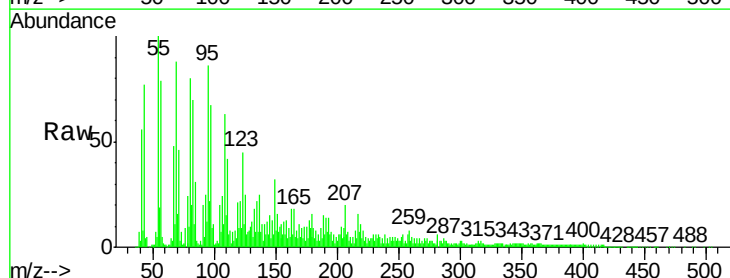
Tgt Ion:149 Resp: 28263

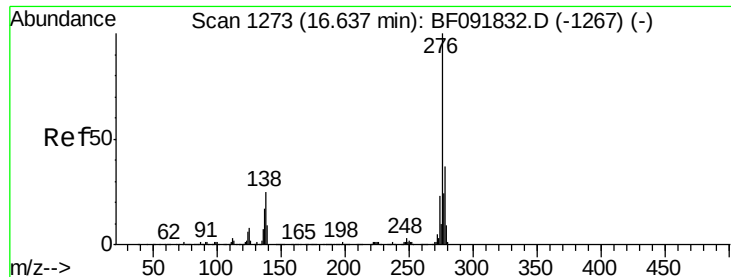
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.02 ng

RT: 17.15 min Scan# 1318

Delta R.T. 0.51 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

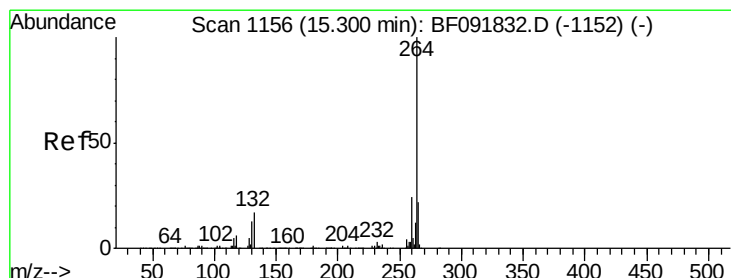
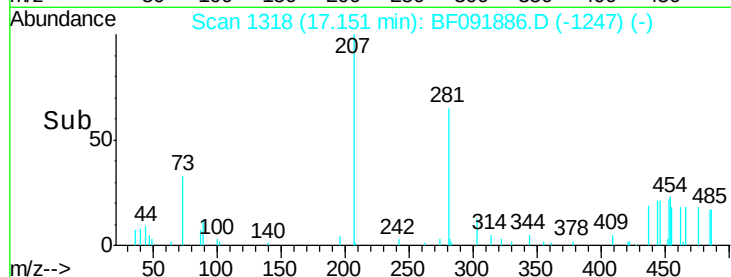
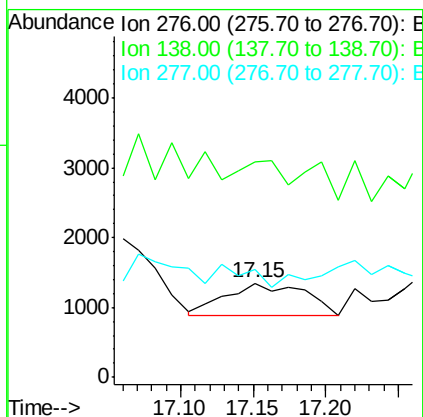
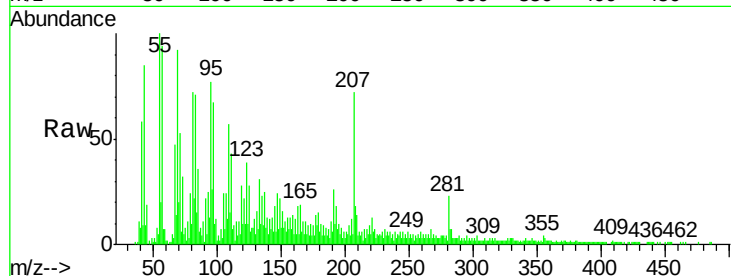
Tgt Ion:276 Resp: 1775

Ion Ratio Lower Upper

276 100

138 0.0 21.8 32.6#

277 0.0 20.2 30.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.77 min Scan# 1197

Delta R.T. 0.47 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

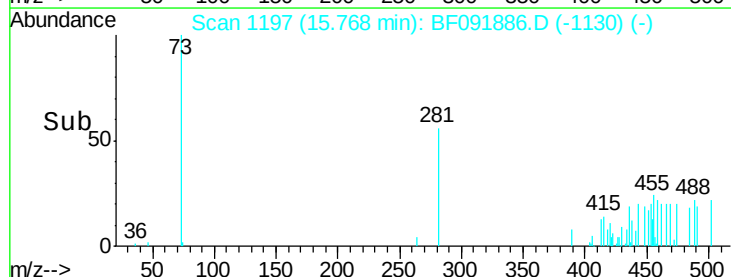
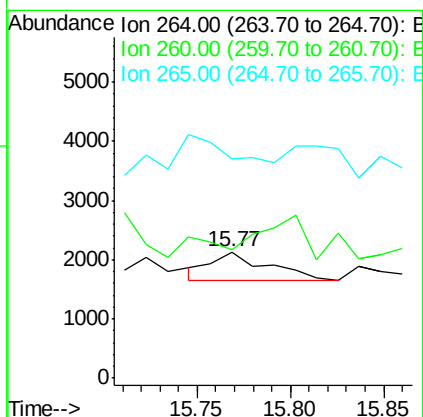
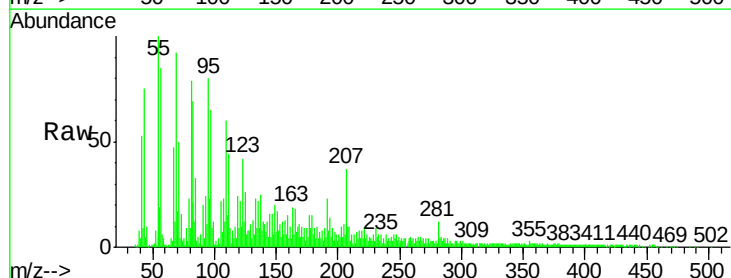
Tgt Ion:264 Resp: 1042

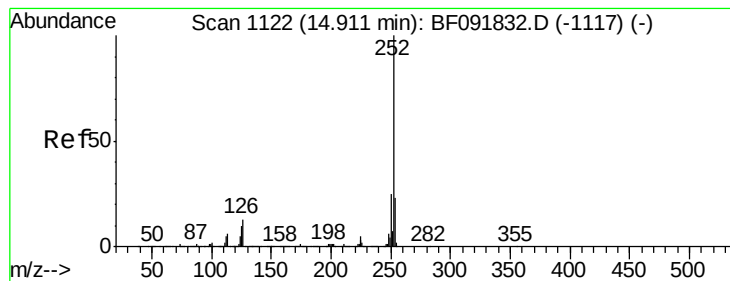
Ion Ratio Lower Upper

264 100

260 102.1 19.2 28.8#

265 173.9 17.4 26.0#





#87

Benzo(b)fluoranthene

Concen: 257.78 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.45 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

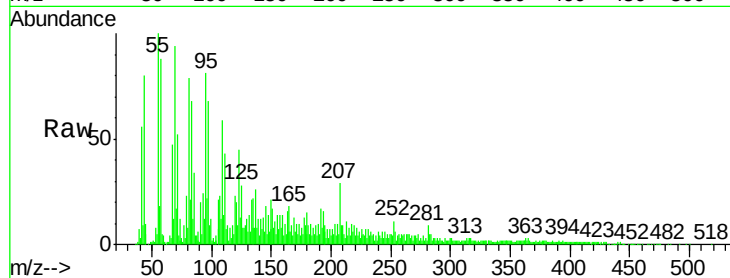
Tgt Ion:252 Resp: 16723

Ion Ratio Lower Upper

252 100

253 57.7 18.2 27.4#

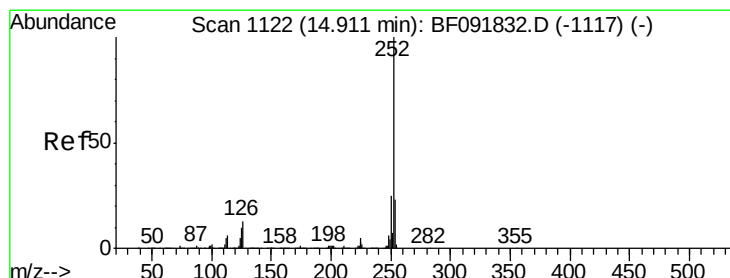
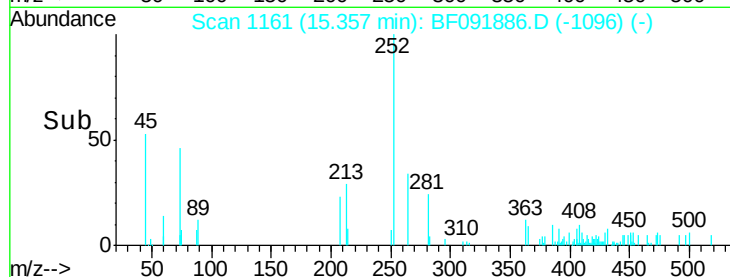
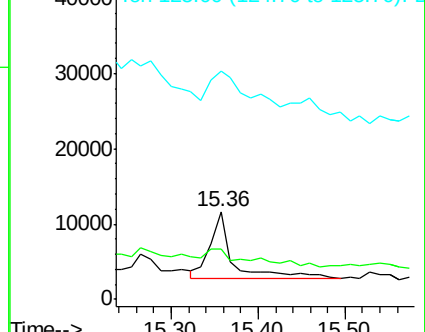
125 260.0 9.8 14.6#



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



#88

Benzo(k)fluoranthene

Concen: 302.29 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.42 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

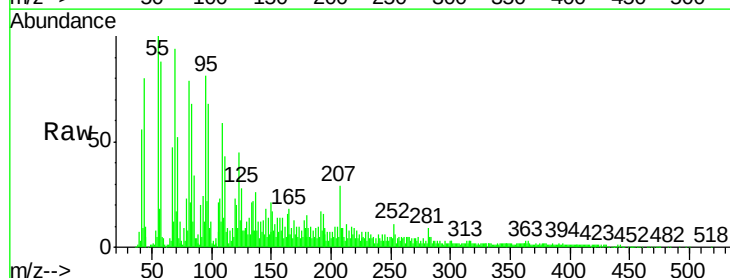
Tgt Ion:252 Resp: 16723

Ion Ratio Lower Upper

252 100

253 57.7 18.5 27.7#

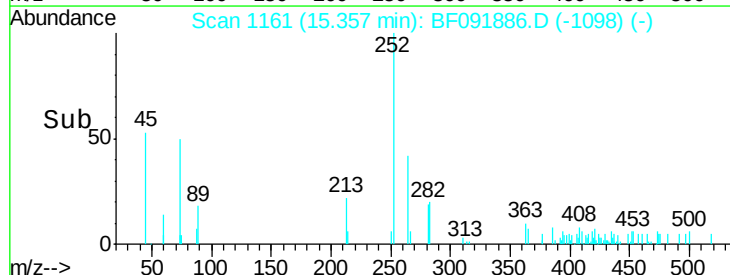
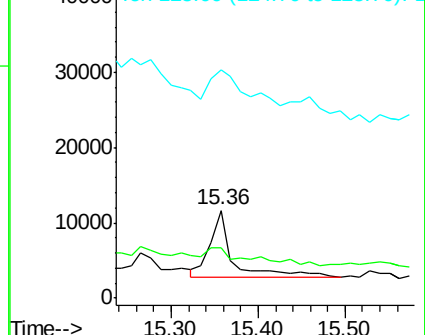
125 260.0 8.9 13.3#

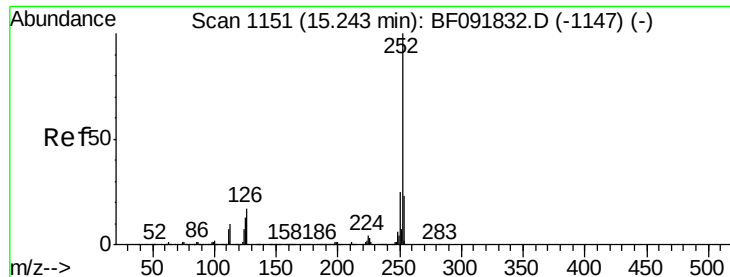


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.29 ng

RT: 15.79 min Scan# 1199

Delta R.T. 0.55 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

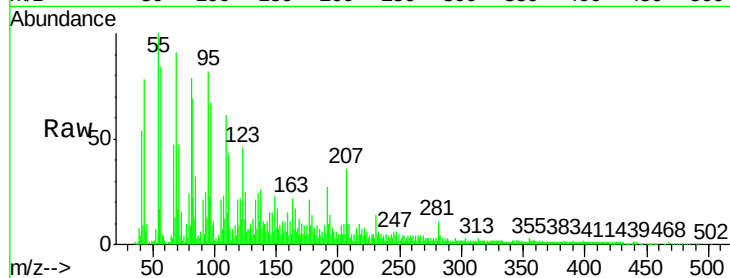
Tgt Ion:252 Resp: 2032

Ion Ratio Lower Upper

252 100

253 107.8 18.2 27.2#

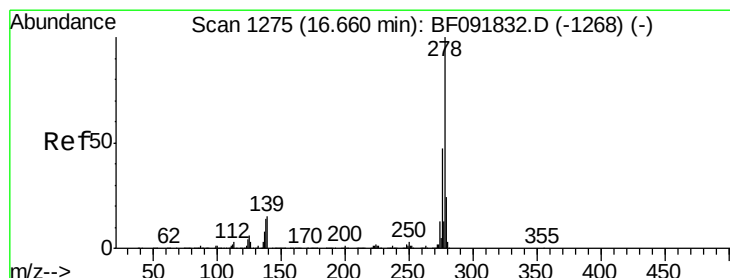
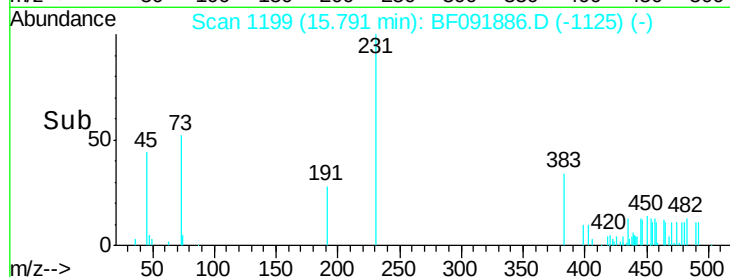
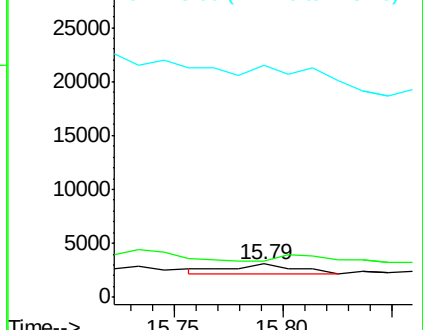
125 698.7 10.0 15.0#



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: 9.09 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.48 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

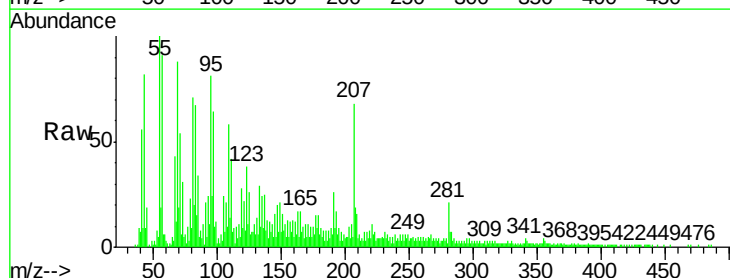
Tgt Ion:278 Resp: 430

Ion Ratio Lower Upper

278 100

139 426.4 14.8 22.2#

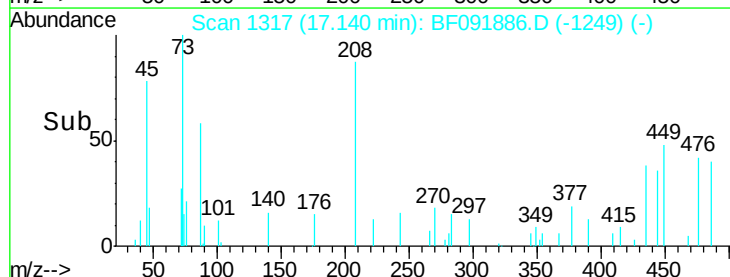
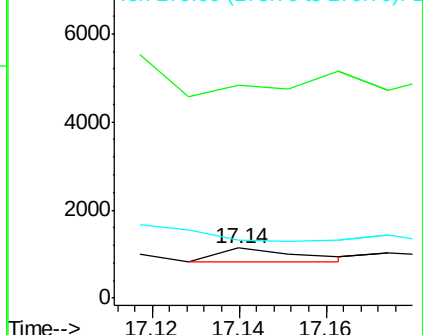
279 116.6 19.8 29.6#

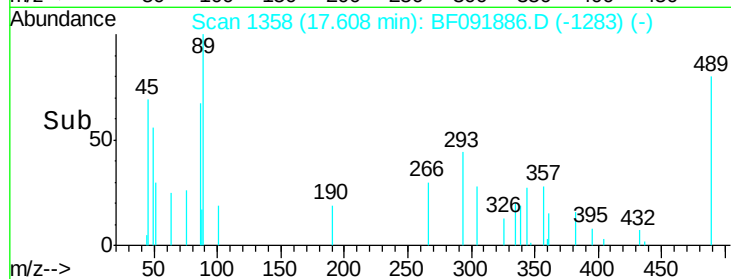
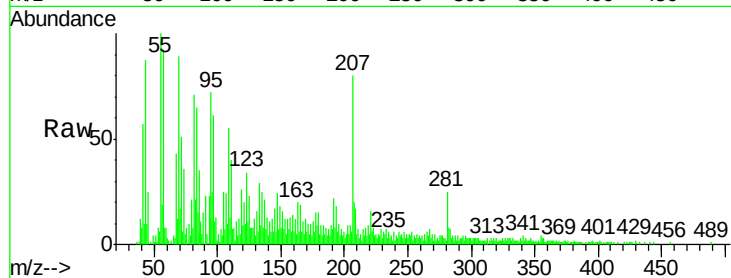
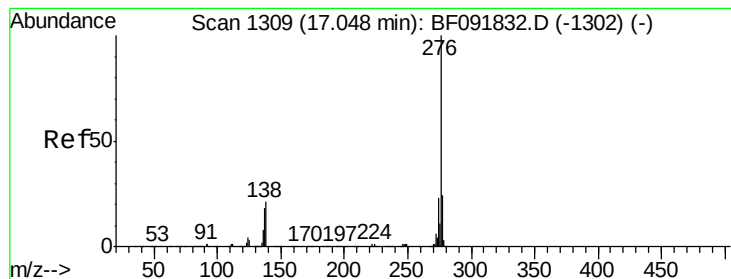


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 18.06 ng

RT: 17.61 min Scan# 1358

Delta R.T. 0.56 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

Tgt Ion: 276 Resp: 889

Ion Ratio Lower Upper

276 100

277 99.2 19.2 28.8#

138 206.0 16.0 24.0#

