

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
 Data File : BF092190.D
 Acq On : 10 Jan 2017 18:59
 Operator : UM/SJ
 Sample : I1077-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Quant Time: Jan 10 23:33:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	145291	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	603976	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	305600	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	491006	20.00	ng	0.00
75) Chrysene-d12	13.79	240	393226	20.00	ng	0.00
86) Perylene-d12	15.17	264	350437	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	598882	68.83	ng	0.00
7) Phenol-d6	6.30	99	484312	45.59	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1025955	94.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	390470	154.39	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2100193	150.79	ng	0.00
78) Terphenyl-d14	12.74	244	1556631	96.01	ng	0.00

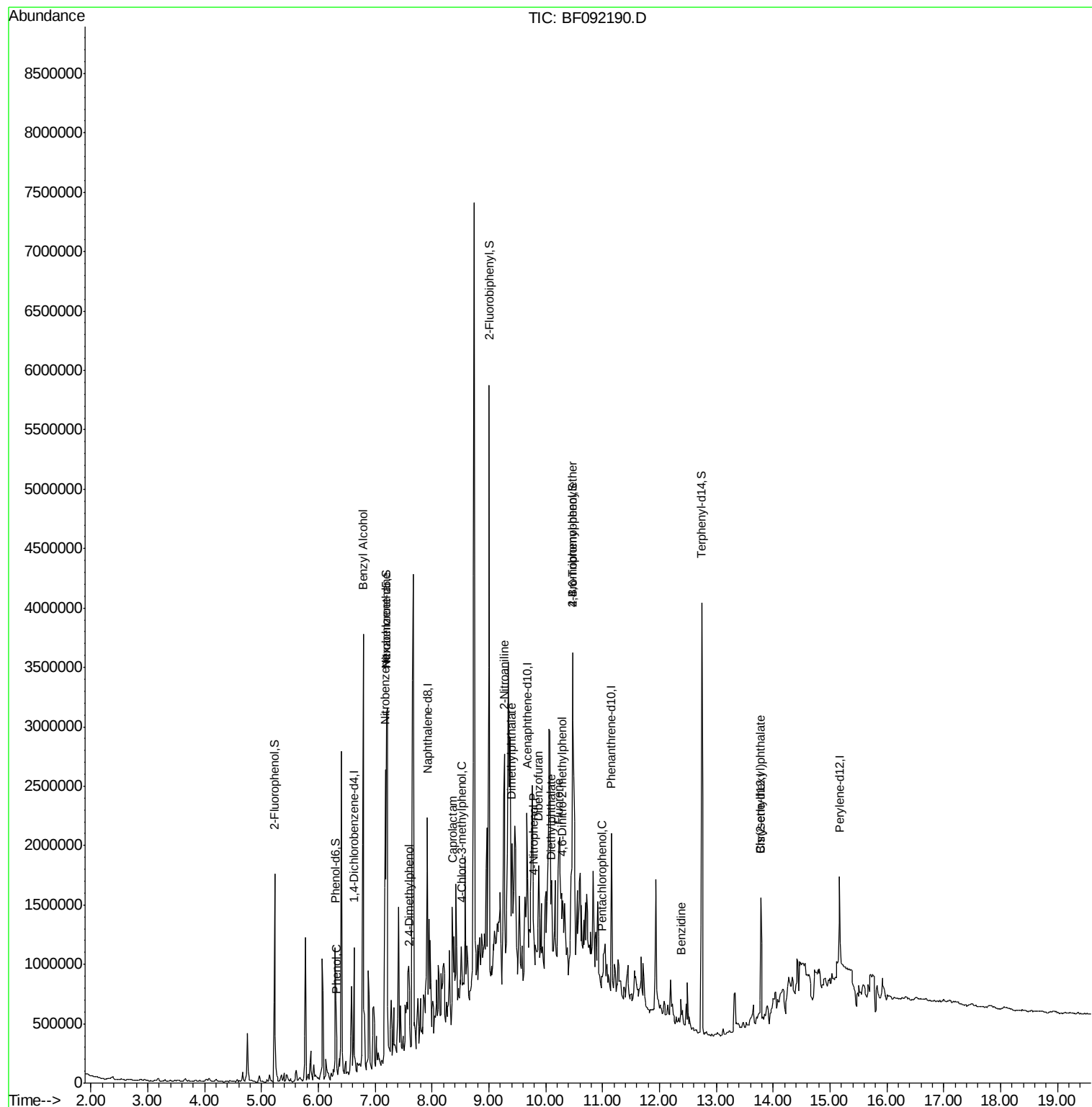
Target Compounds						Qvalue
10) Phenol	6.32	94	28180	2.33	ng	82
15) Benzyl Alcohol	6.79	79	25217	3.05	ng	# 25
18) Hexachloroethane	7.20	117	834015	209.17	ng	# 2
24) Nitrobenzene	7.18	77	105727	9.14	ng	# 23
27) 2,4-Dimethylphenol	7.60	122	19161	2.02	ng	94
35) Caprolactam	8.36	113	27606	10.48	ng	# 1
36) 4-Chloro-3-methylphenol	8.52	107	40513	4.39	ng	# 26
37) 2-Methylnaphthalene	8.74	142	2340888	Below	Cal	95
47) 2-Nitroaniline	9.27	65	15284	2.59	ng	# 38
49) Dimethylphthalate	9.41	163	46409	2.37	ng	# 73
54) Dibenzofuran	9.88	168	120790	5.18	ng	# 82
55) 4-Nitrophenol	9.78	139	11232	3.12	ng	# 25
57) Fluorene	10.22	166	94333	5.56	ng	# 91
59) Diethylphthalate	10.09	149	70541	3.72	ng	# 59
64) 4,6-Dinitro-2-methylphenol	10.30	198	6158	2.07	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	23015	4.51	ng	# 1
69) Pentachlorophenol	10.98	266	6763	2.52	ng	95
71) Anthracene	11.24	178	1754	Below	Cal	# 1
73) Di-n-butylphthalate	11.73	149	16769	Below	Cal	# 57
74) Fluoranthene	12.37	202	5479	Below	Cal	76
76) Benzidine	12.38	184	102275	6.86	ng	# 87
83) Bis(2-ethylhexyl)phthalate	13.79	149	54606	3.53	ng	# 92

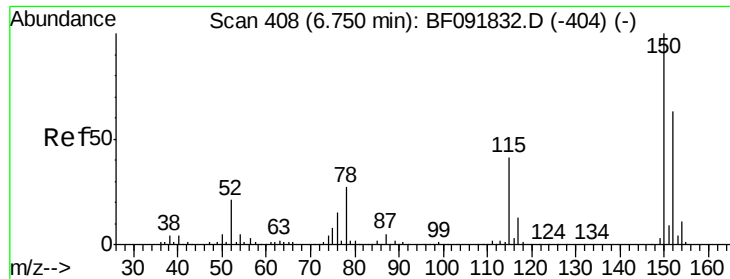
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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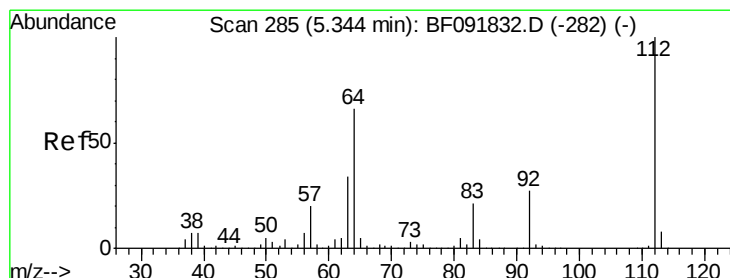
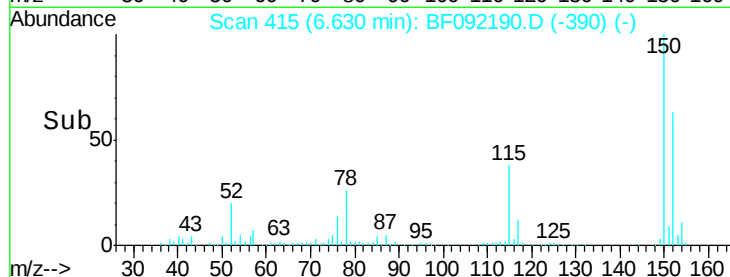
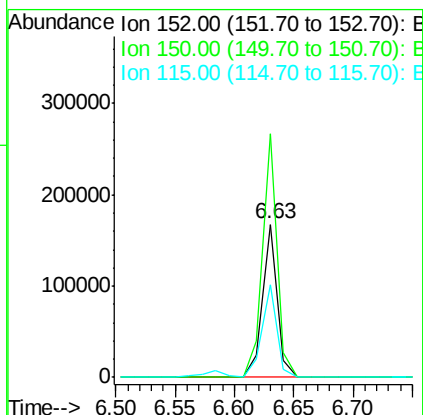
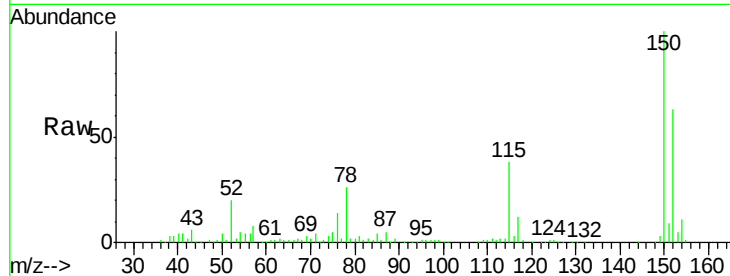




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF092190.D
 Acq: 10 Jan 2017 18:59

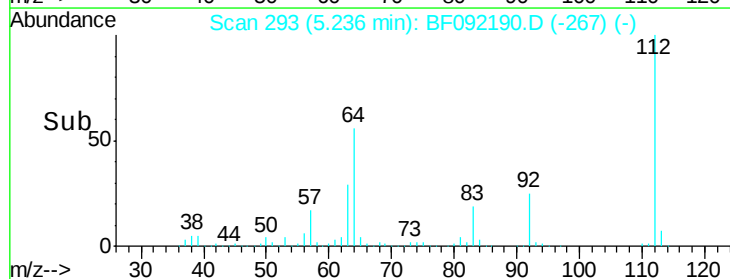
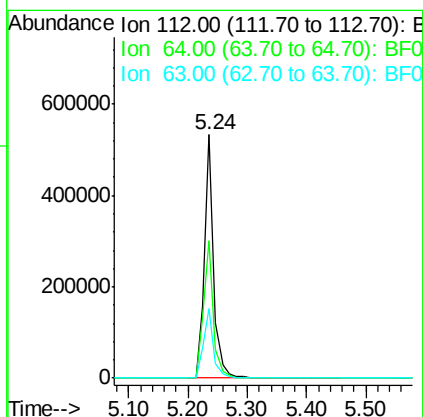
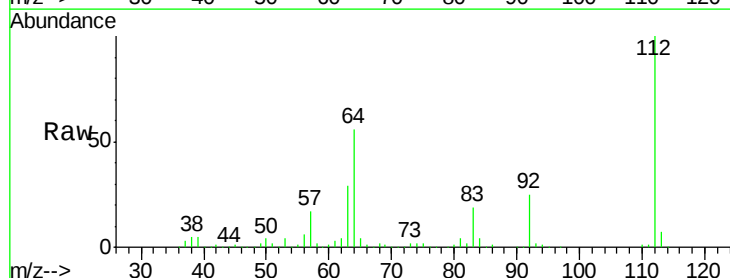
Instrument :
 BNA_F
 ClientSampleId :
 W-03

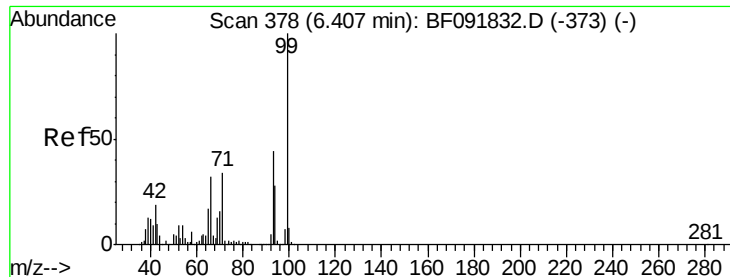
Tgt Ion:152 Resp: 145291
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.9 187.3
 115 60.7 46.0 69.0



#5
 2-Fluorophenol
 Concen: 68.83 ng
 RT: 5.24 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BF092190.D
 Acq: 10 Jan 2017 18:59

Tgt Ion:112 Resp: 598882
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.1 69.1
 63 28.8 23.8 35.6





#7

Phenol-d6

Concen: 45.59 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampled :

W-03

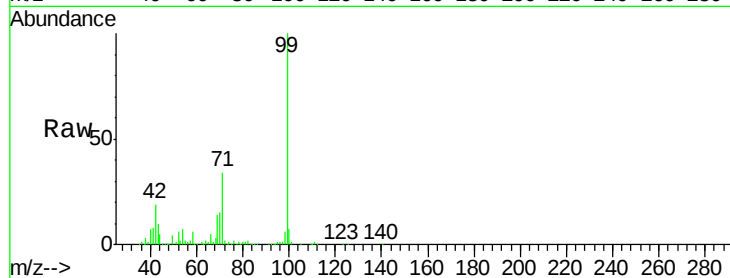
Tgt Ion: 99 Resp: 484312

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

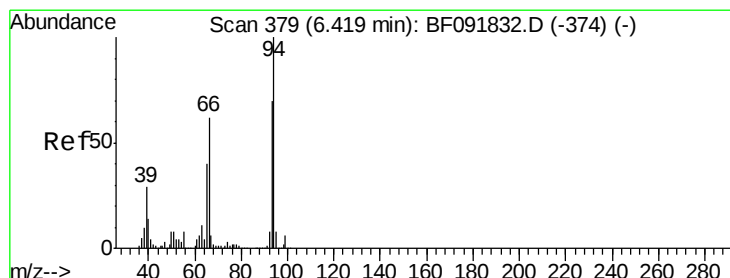
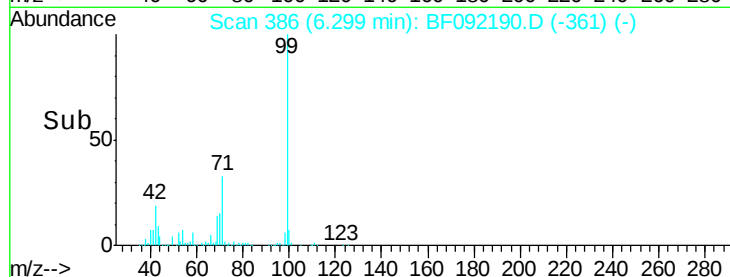
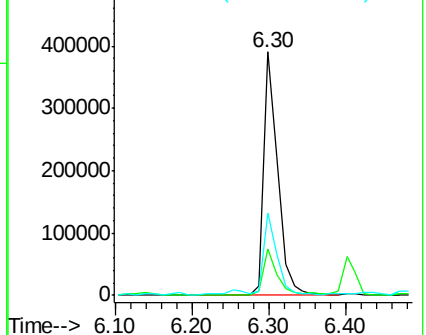
71 33.6 27.5 41.3



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



#10

Phenol

Concen: 2.33 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

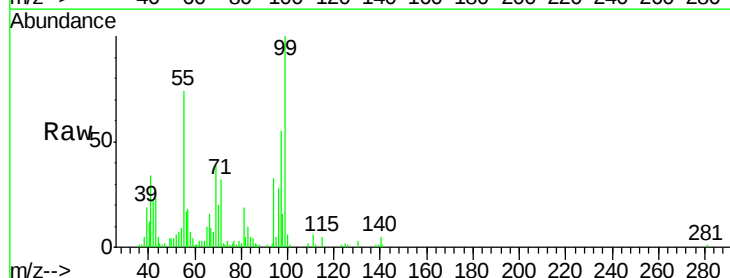
Tgt Ion: 94 Resp: 28180

Ion Ratio Lower Upper

94 100

65 31.9 21.4 61.4

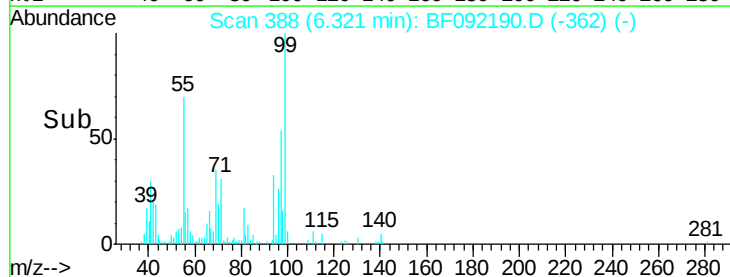
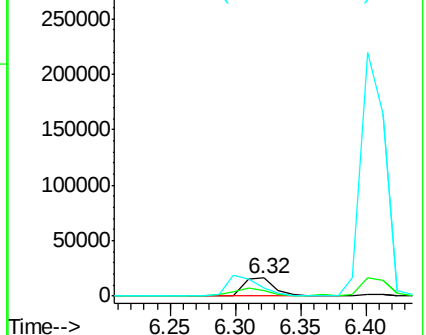
66 48.2 44.0 84.0

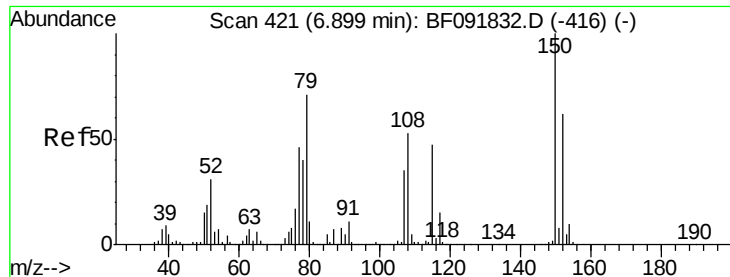


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 3.05 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

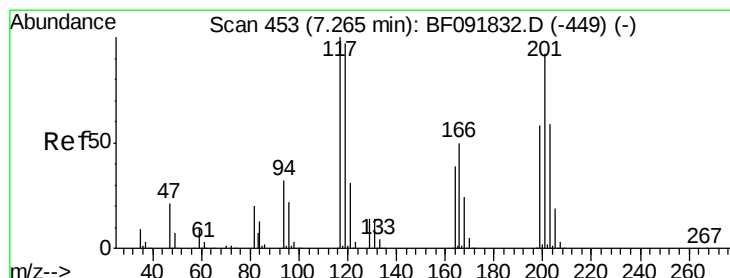
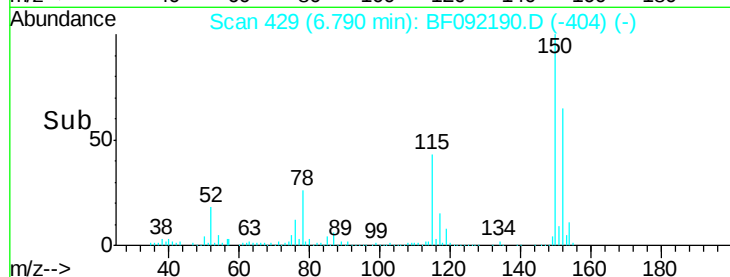
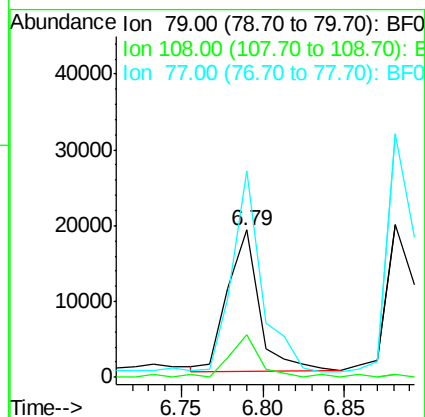
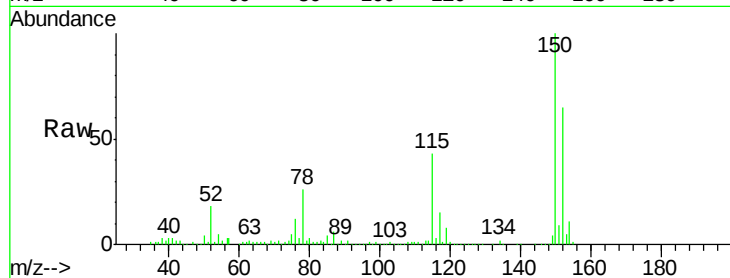
Tgt Ion: 79 Resp: 25217

Ion Ratio Lower Upper

79 100

108 29.0 61.4 92.0#

77 140.1 50.9 76.3#



#18

Hexachloroethane

Concen: 209.17 ng

RT: 7.20 min Scan# 465

Delta R.T. 0.05 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

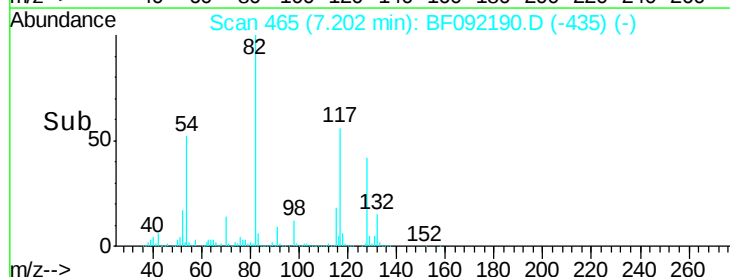
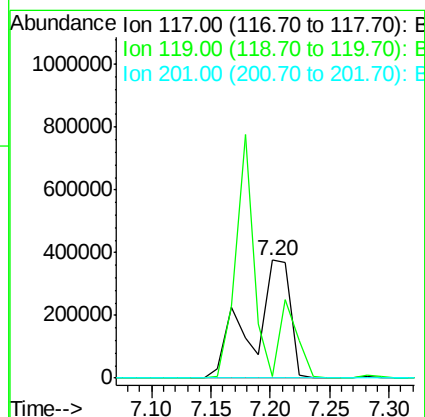
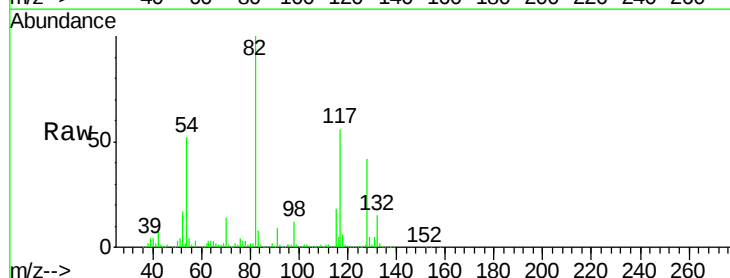
Tgt Ion: 117 Resp: 834015

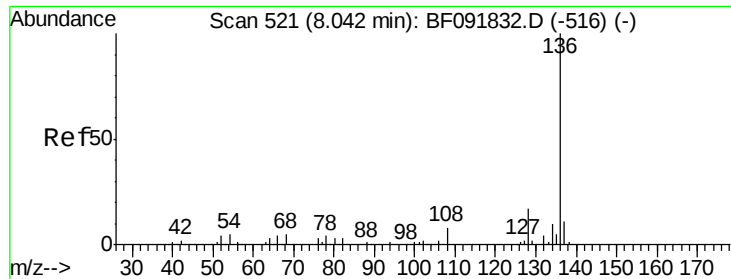
Ion Ratio Lower Upper

117 100

119 1.8 78.1 117.1#

201 0.0 78.6 117.8#

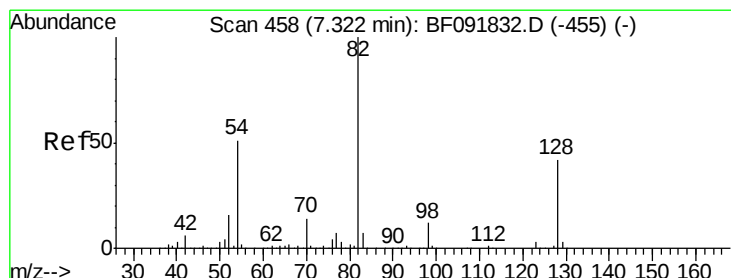
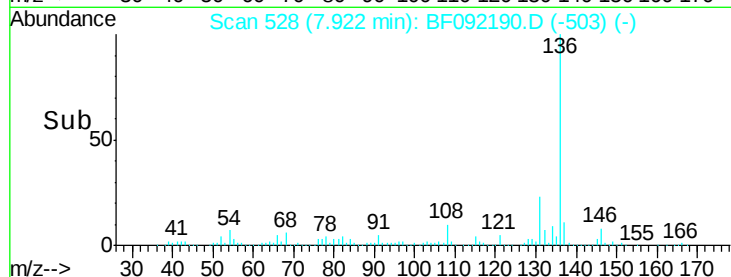
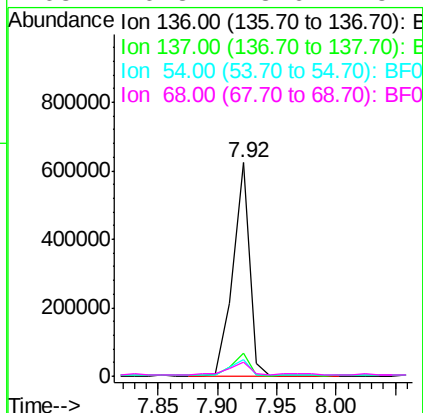
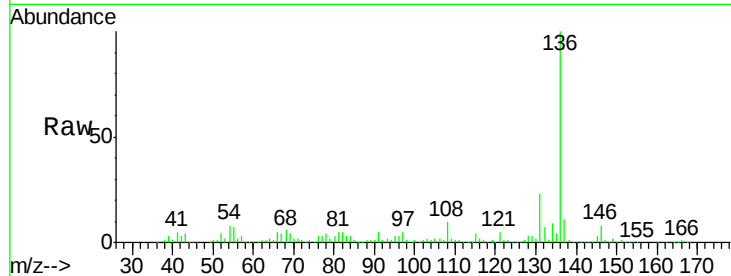




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092190.D
Acq: 10 Jan 2017 18:59

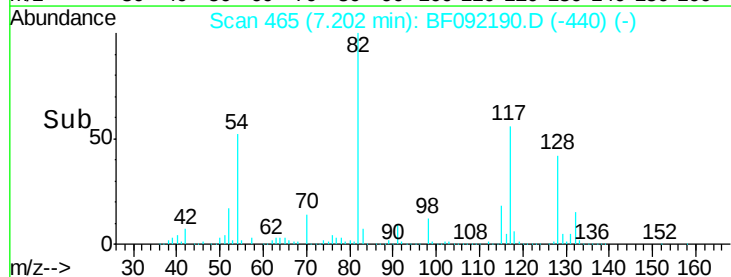
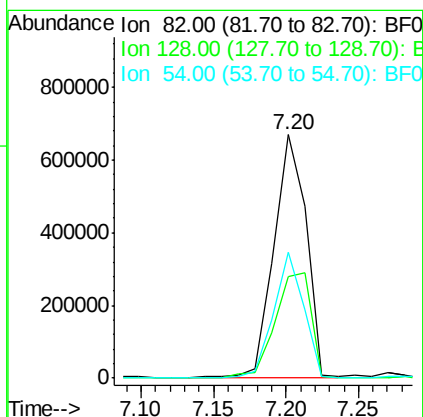
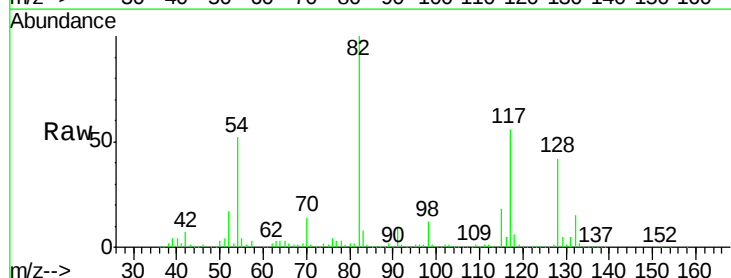
Instrument :
BNA_F
ClientSampleId :
W-03

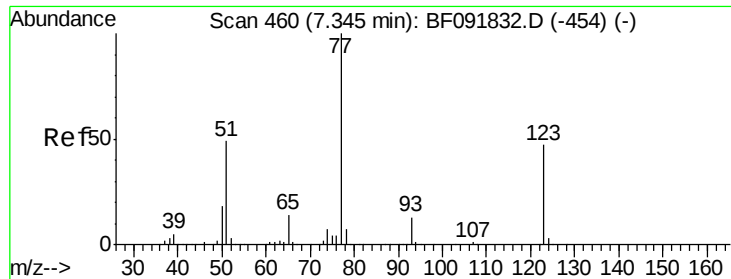
Tgt Ion:	136	Resp:	603976
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.7	4.5	6.7#
68	6.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 94.46 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092190.D
Acq: 10 Jan 2017 18:59

Tgt Ion:	82	Resp:	1025955
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	51.8	39.5	59.3

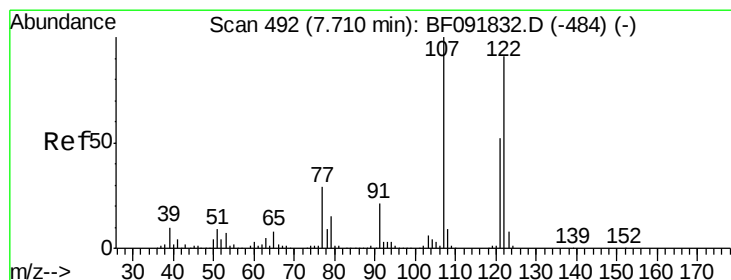
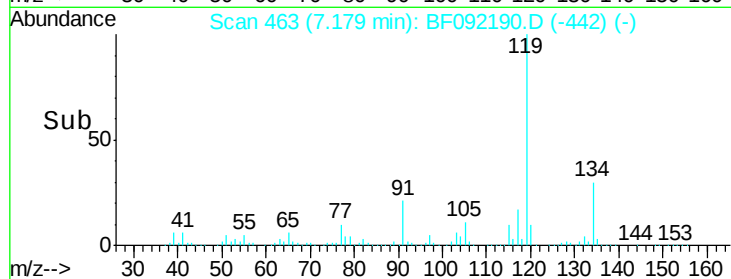
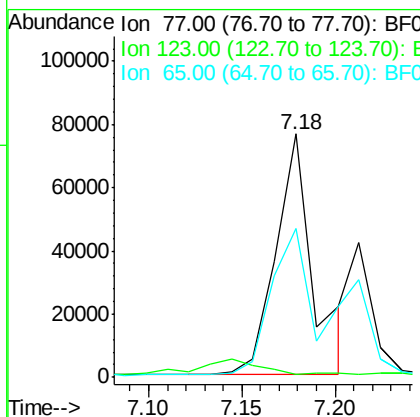
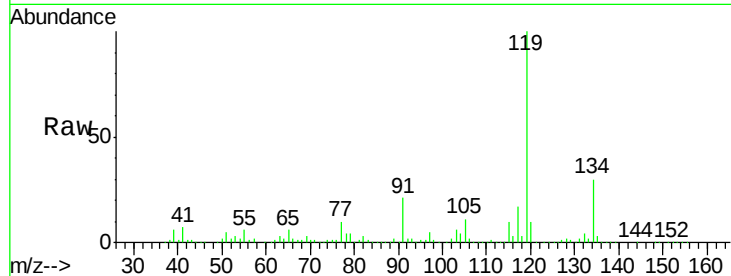




#24
 Nitrobenzene
 Concen: 9.14 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.06 min
 Lab File: BF092190.D
 Acq: 10 Jan 2017 18:59

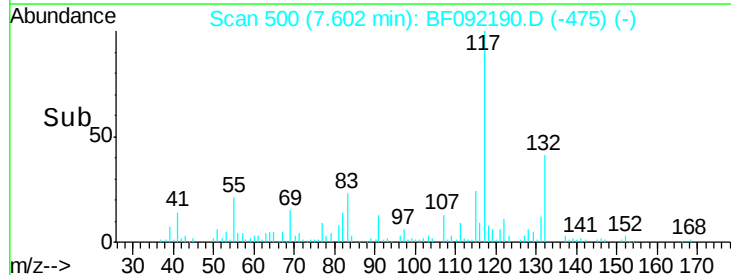
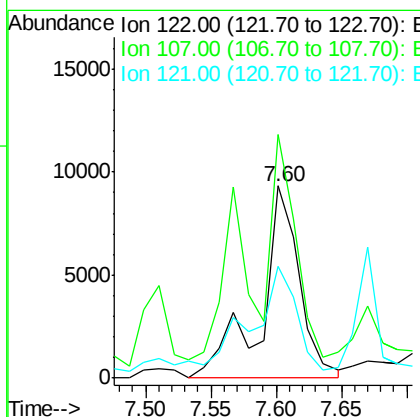
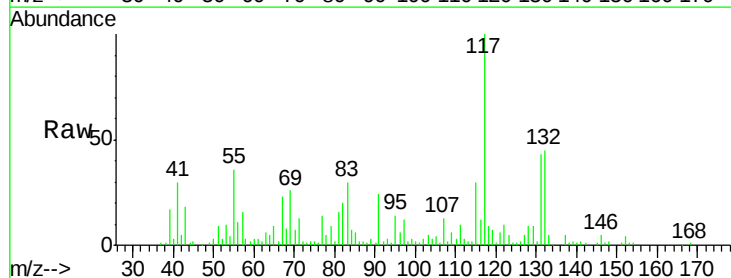
Instrument :
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 ClientSampleId :
 W-03

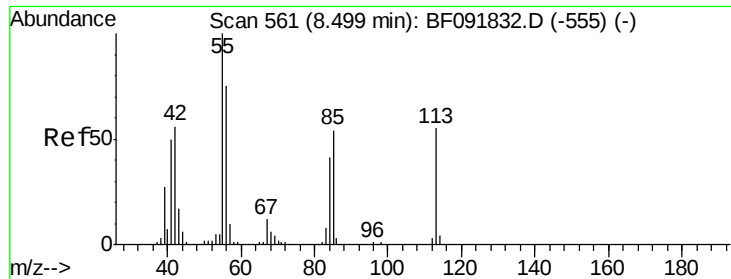
Tgt Ion: 77 Resp: 105727
 Ion Ratio Lower Upper
 77 100
 123 1.2 33.0 49.4#
 65 61.4 11.2 16.8#



#27
 2,4-Dimethylphenol
 Concen: 2.02 ng
 RT: 7.60 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF092190.D
 Acq: 10 Jan 2017 18:59

Tgt Ion: 122 Resp: 19161
 Ion Ratio Lower Upper
 122 100
 107 126.7 94.1 141.1
 121 58.5 46.0 69.0





#35

Caprolactam

Concen: 10.48 ng

RT: 8.36 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

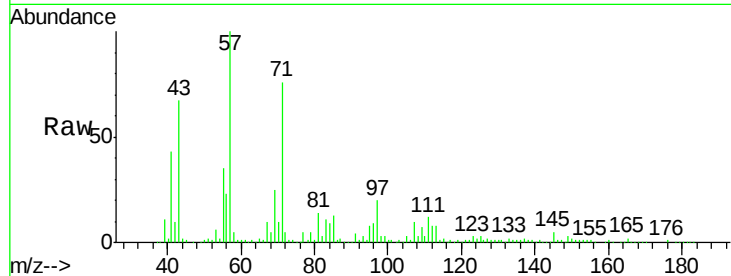
Tgt Ion:113 Resp: 27606

Ion Ratio Lower Upper

113 100

55 416.9 119.2 159.2#

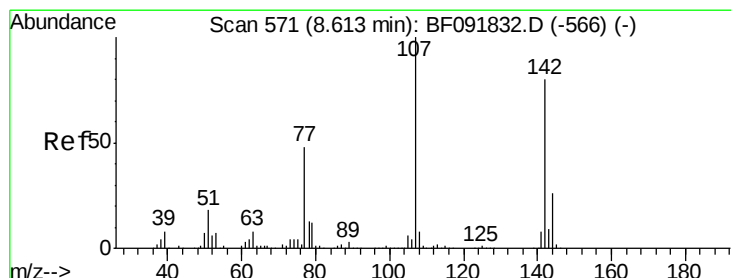
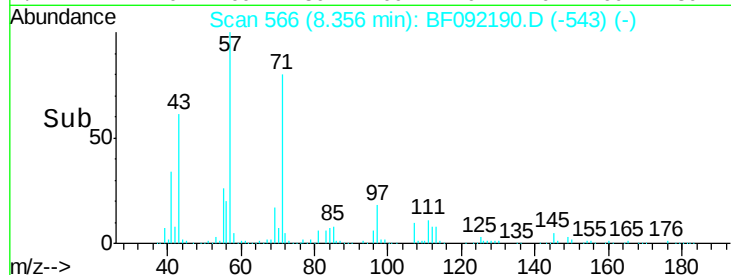
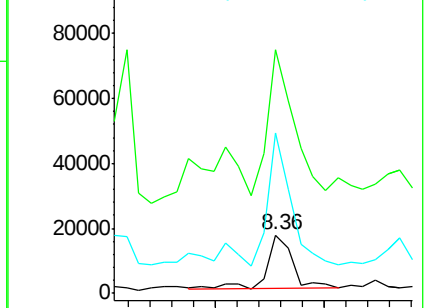
56 275.4 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 4.39 ng

RT: 8.52 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

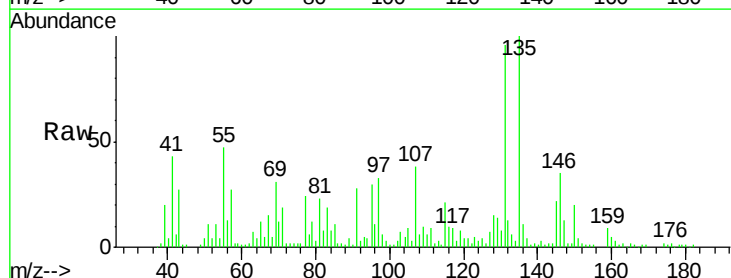
Tgt Ion:107 Resp: 40513

Ion Ratio Lower Upper

107 100

144 4.6 19.3 28.9#

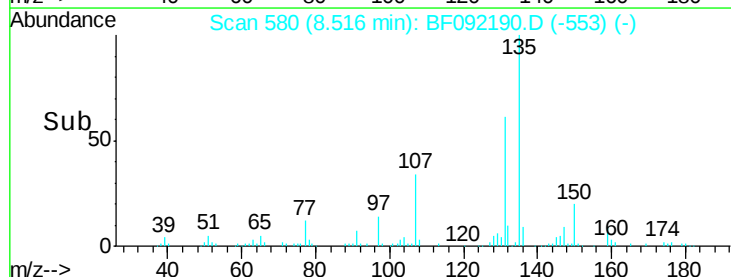
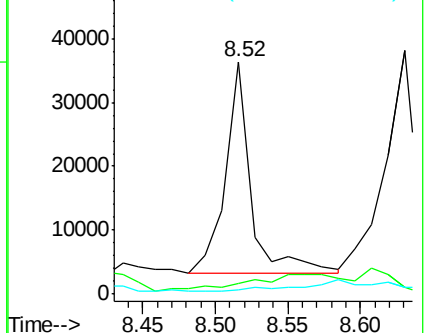
142 2.1 59.0 88.6#

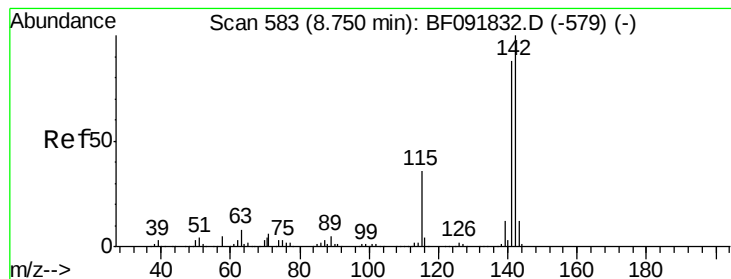


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

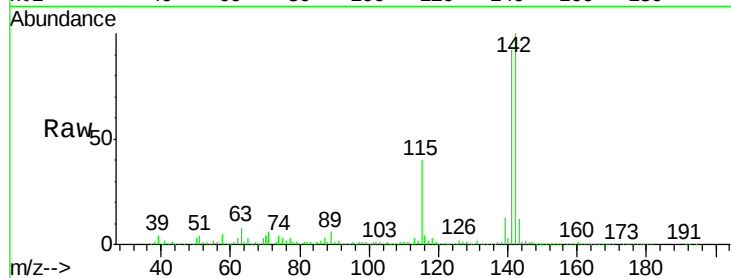




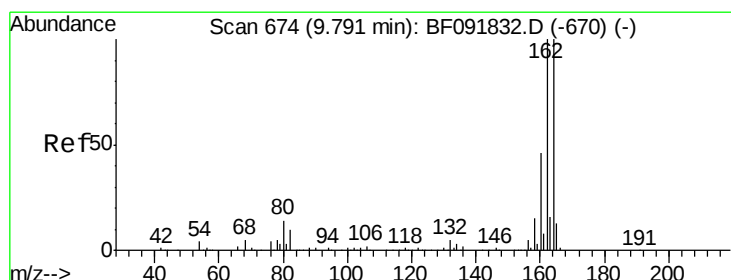
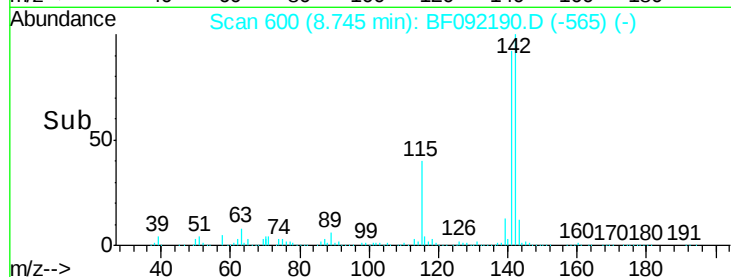
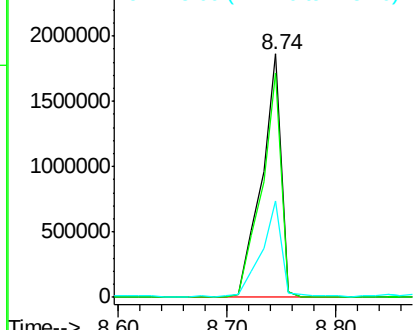
#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.74 min Scan# 600
Delta R.T. 0.10 min
Lab File: BF092190.D
Acq: 10 Jan 2017 18:59

Instrument :
BNA_F
ClientSampleId :
W-03

Tgt Ion:142 Resp: 2340888
Ion Ratio Lower Upper
142 100
141 92.2 71.0 106.6
115 39.7 28.3 42.5

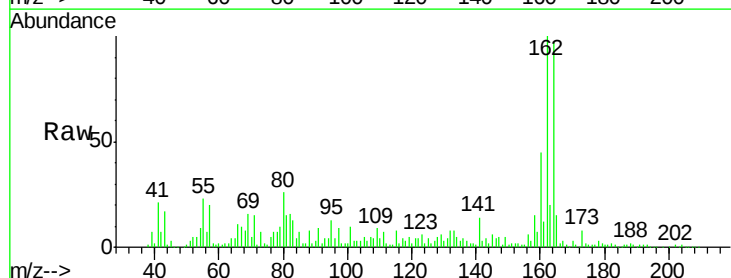


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

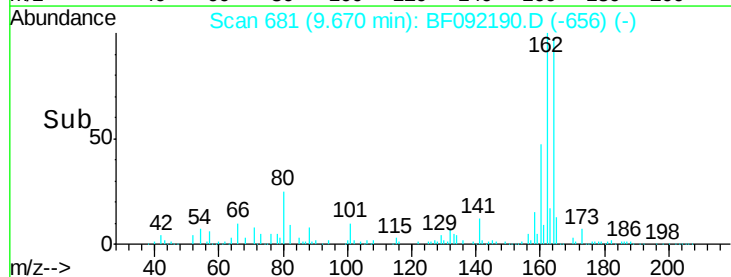
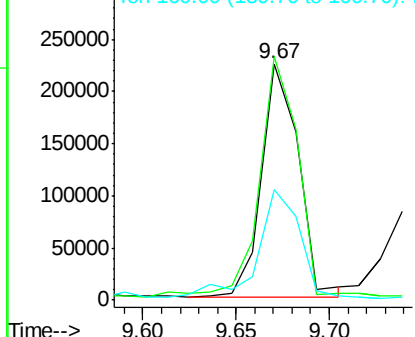


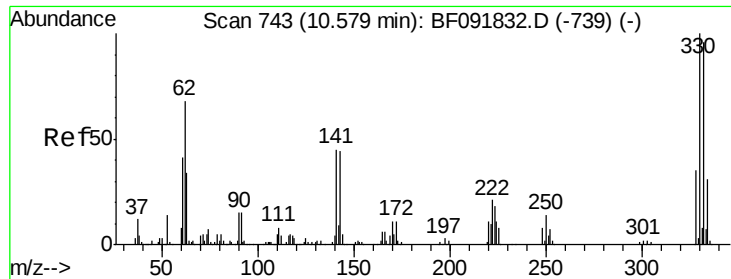
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092190.D
Acq: 10 Jan 2017 18:59

Tgt Ion:164 Resp: 305600
Ion Ratio Lower Upper
164 100
162 103.1 80.2 120.2
160 46.7 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

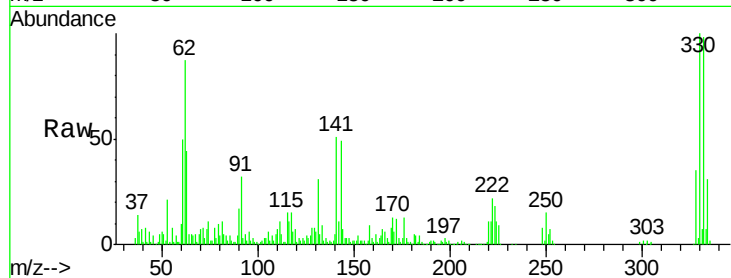




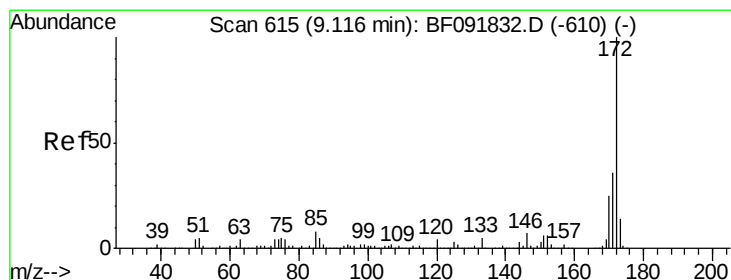
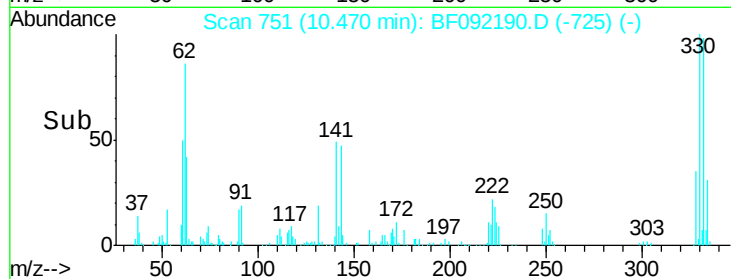
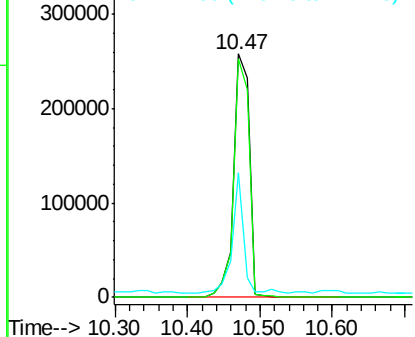
#41
 2,4,6-Tribromophenol
 Concen: 154.39 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092190.D
 Acq: 10 Jan 2017 18:59

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tgt Ion:330 Resp: 390470
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 35.0 34.1 51.1

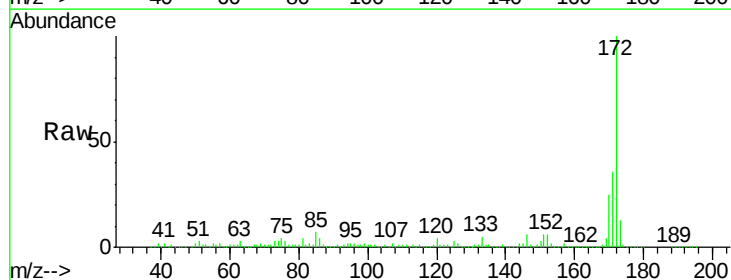


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

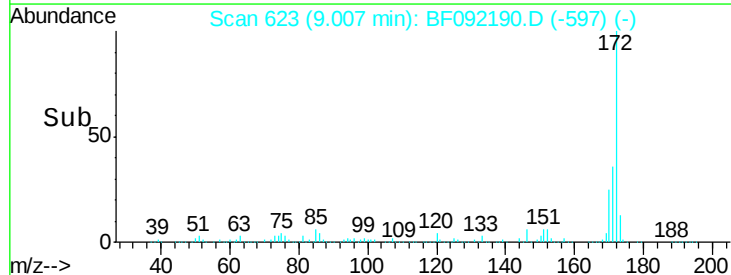
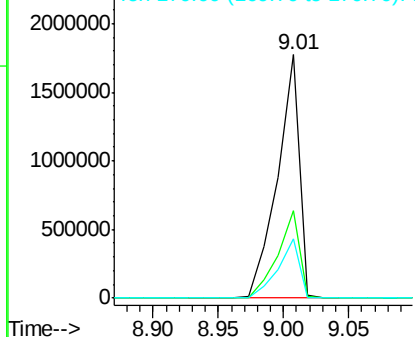


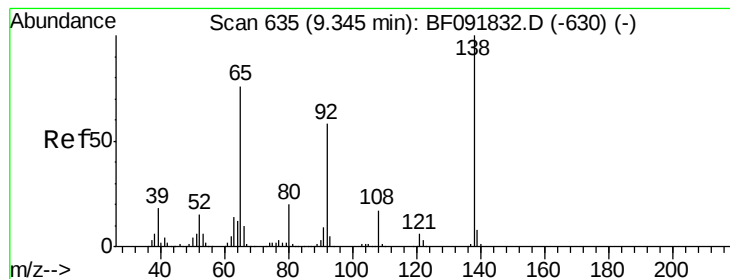
#44
 2-Fluorobiphenyl
 Concen: 150.79 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092190.D
 Acq: 10 Jan 2017 18:59

Tgt Ion:172 Resp: 2100193
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.6 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





#47

2-Nitroaniline

Concen: 2.59 ng

RT: 9.27 min Scan# 646

Delta R.T. 0.03 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

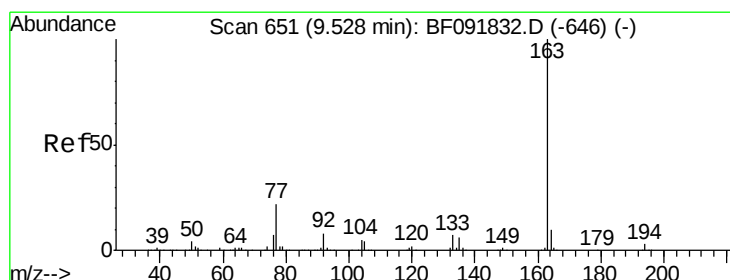
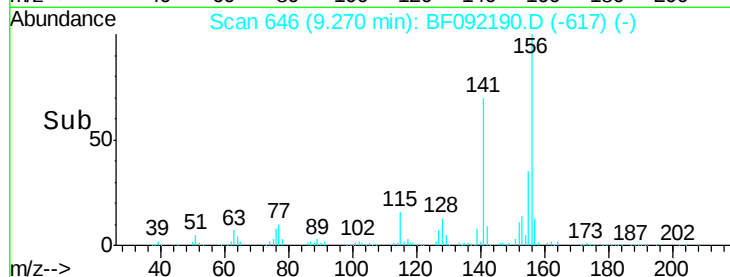
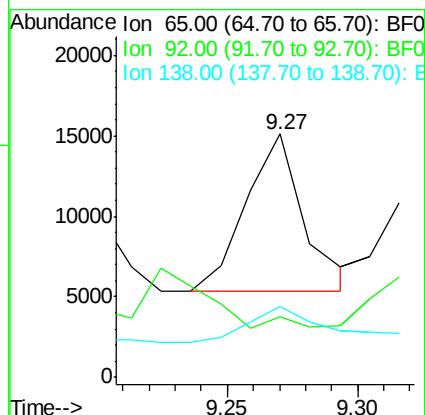
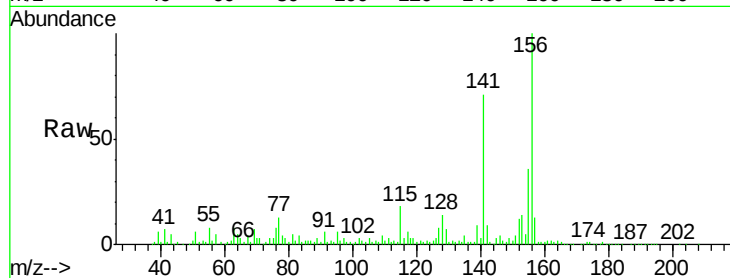
Tgt Ion: 65 Resp: 15284

Ion Ratio Lower Upper

65 100

92 25.1 53.9 80.9#

138 29.2 76.8 115.2#



#49

Dimethylphthalate

Concen: 2.37 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

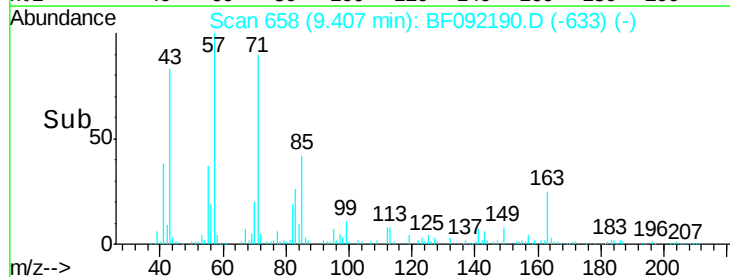
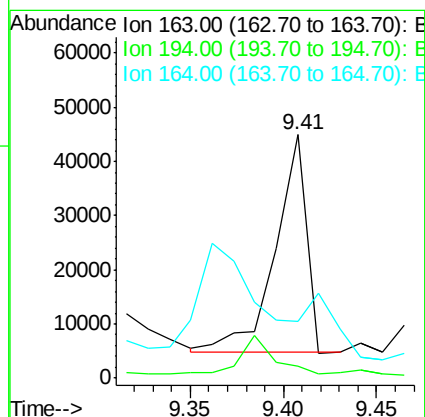
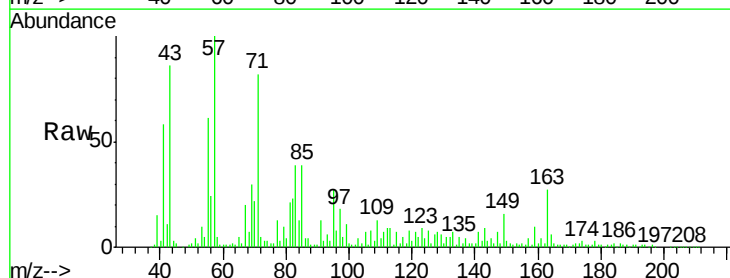
Tgt Ion: 163 Resp: 46409

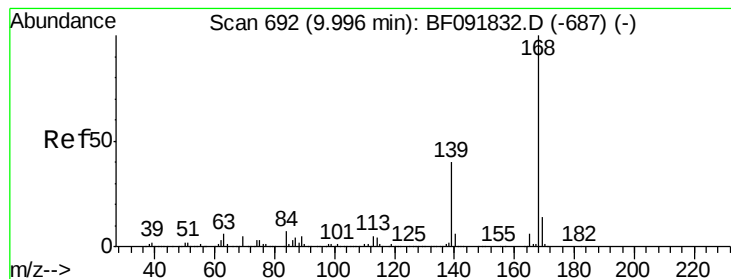
Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.4#

164 23.1 8.0 12.0#





#54

Dibenzofuran

Concen: 5.18 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

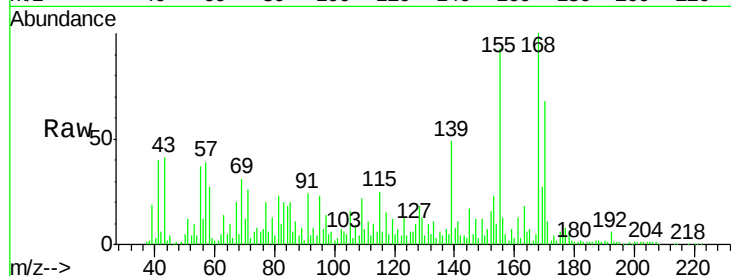
Tgt Ion:168 Resp: 120790

Ion Ratio Lower Upper

168 100

139 49.3 32.6 49.0#

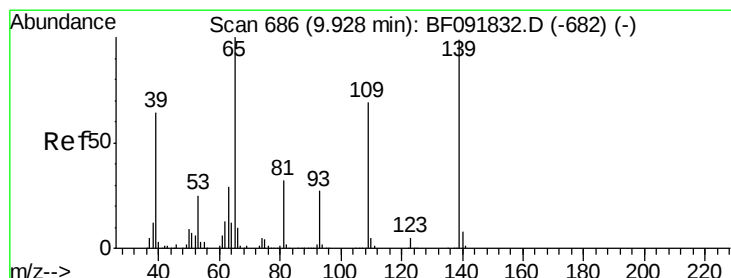
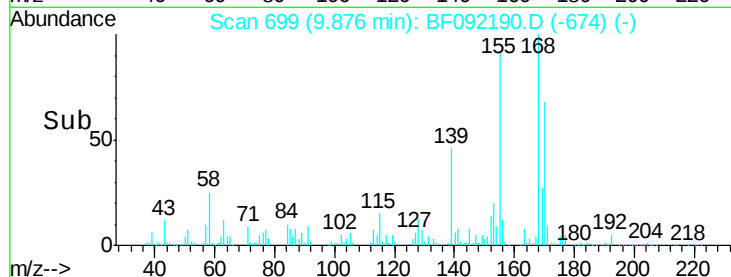
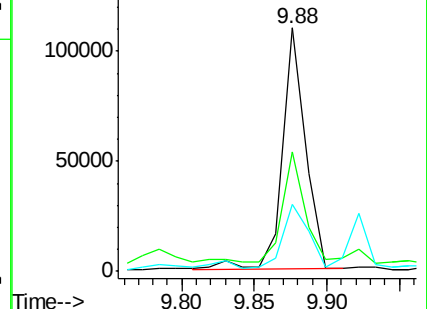
169 27.3 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 3.12 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.05 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

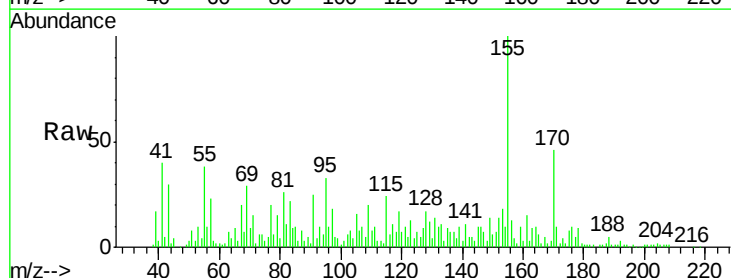
Tgt Ion:139 Resp: 11232

Ion Ratio Lower Upper

139 100

109 200.1 52.2 92.2#

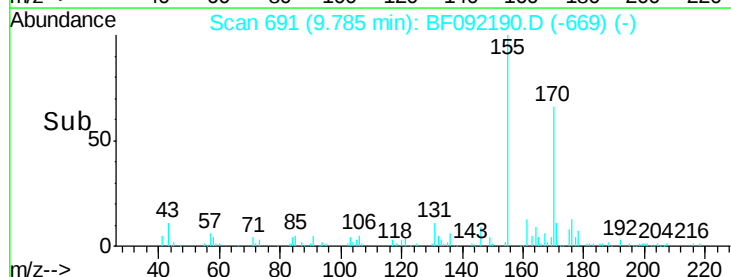
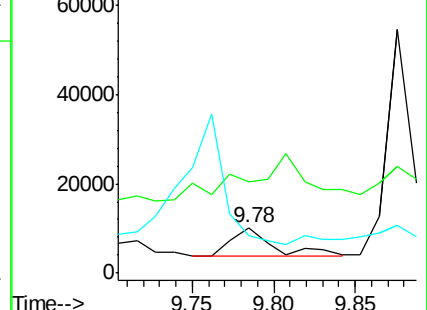
65 83.0 85.8 125.8#

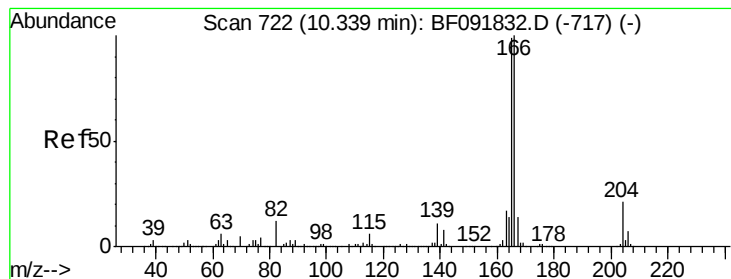


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 5.56 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

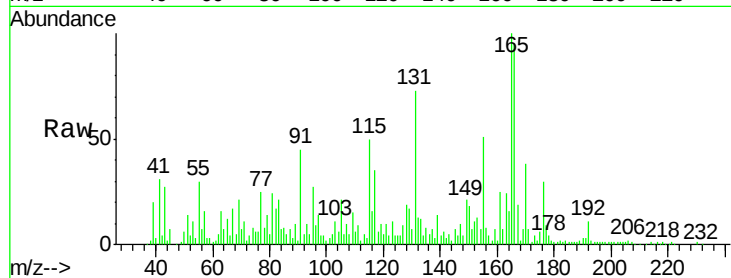
Tgt Ion:166 Resp: 94333

Ion Ratio Lower Upper

166 100

165 104.9 77.8 116.8

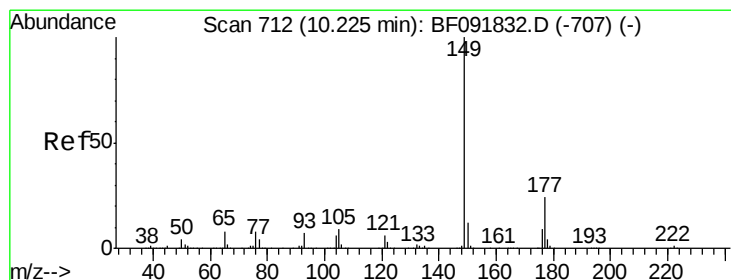
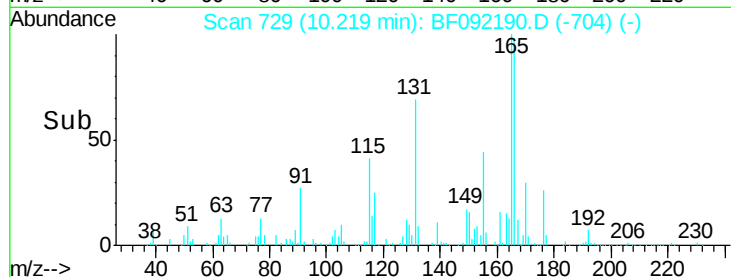
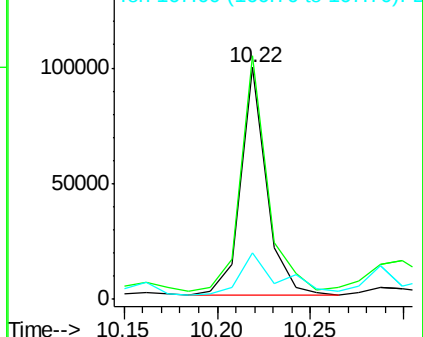
167 20.0 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 3.72 ng

RT: 10.09 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

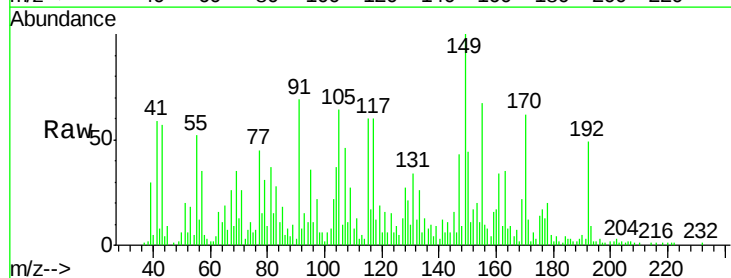
Tgt Ion:149 Resp: 70541

Ion Ratio Lower Upper

149 100

177 12.9 16.6 25.0#

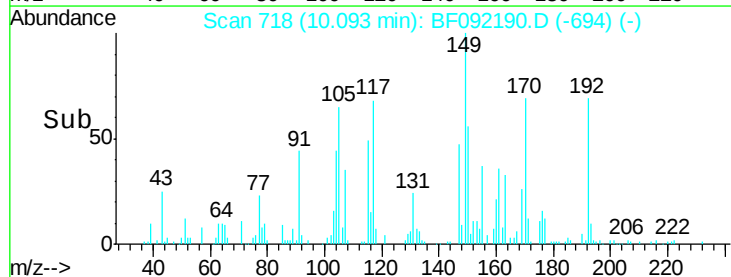
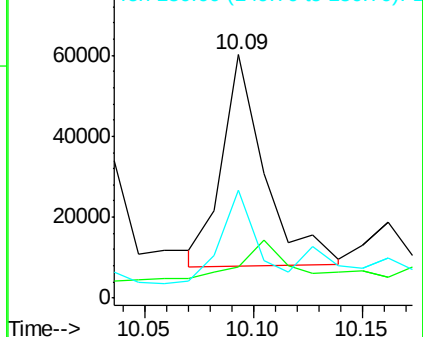
150 44.3 10.4 15.6#

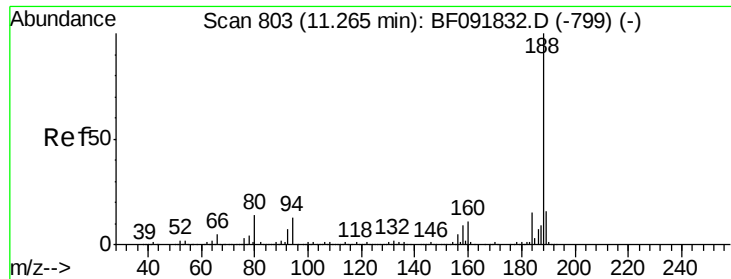


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

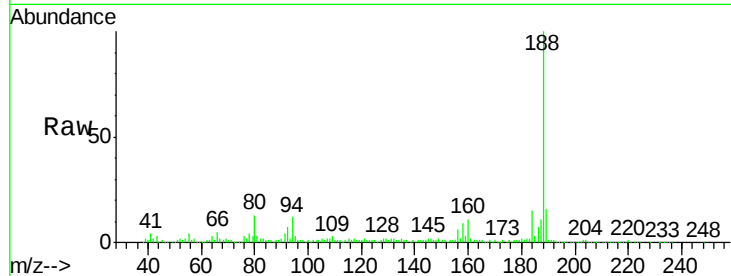




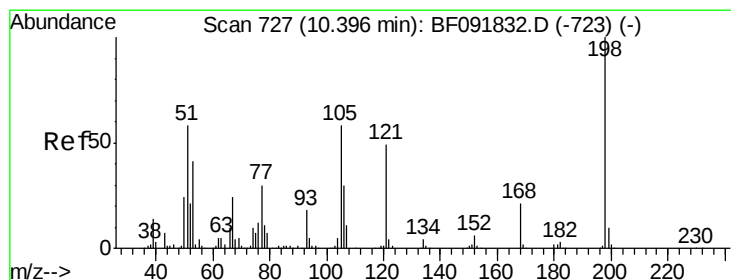
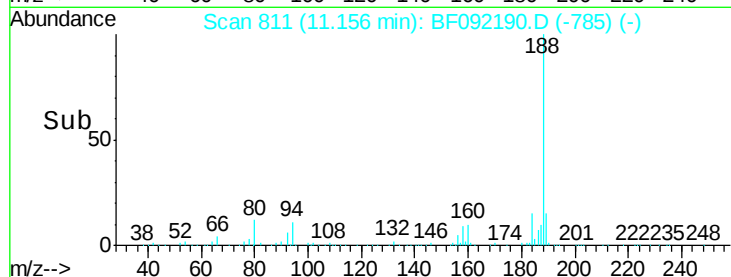
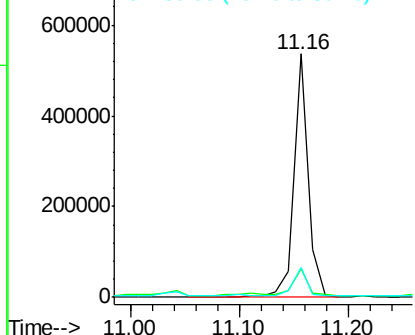
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092190.D
Acq: 10 Jan 2017 18:59

Instrument :
BNA_F
ClientSampleId :
W-03

Tgt Ion:188 Resp: 491006
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 12.5 11.2 16.8

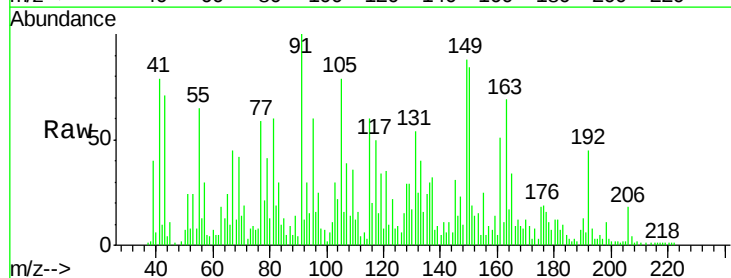


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.07 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF092190.D
Acq: 10 Jan 2017 18:59

Tgt Ion:198 Resp: 6158
Ion Ratio Lower Upper
198 100
51 215.8 6.7 46.7#
105 716.9 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

