

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111772.D
 Acq On : 27 Dec 2018 19:40
 Operator : JU/SJ
 Sample : J6549-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Dec 28 00:16:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

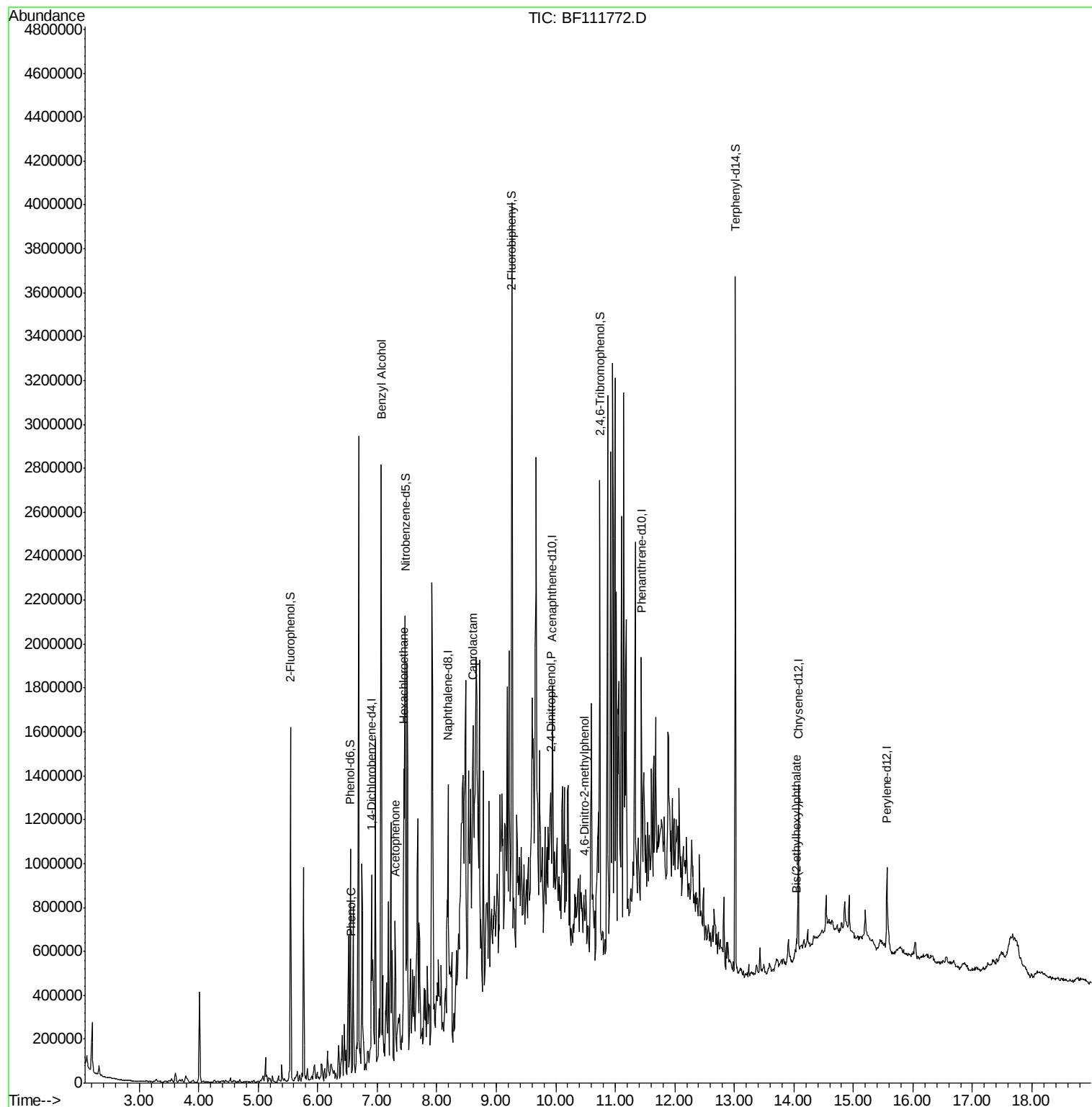
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	120788	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	391317	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	170590	20.00	ng	0.01
64) Phenanthrene-d10	11.44	188	318396	20.00	ng	0.02
76) Chrysene-d12	14.07	240	260174	20.00	ng	0.02
87) Perylene-d12	15.57	264	188945	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	383810	54.16	ng	0.03
7) Phenol-d6	6.55	99	287274	31.85	ng	0.03
23) Nitrobenzene-d5	7.47	82	618400	91.99	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	253566	125.80	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1076383	91.97	ng	0.00
79) Terphenyl-d14	13.02	244	1125484	82.04	ng	0.02
Target Compounds						
10) Phenol	6.56	94	29439	2.893	ng	96
15) Benzyl Alcohol	7.07	79	17360	2.424	ng	# 30
18) Hexachloroethane	7.45	117	34132	10.979	ng	# 1
22) Acetophenone	7.30	105	87788	8.855	ng	# 46
35) Caprolactam	8.61	113	15077	7.343	ng	# 1
54) 2,4-Dinitrophenol	9.92	184	120	7.444	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.48	198	107	6.763	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.04	149	24046	2.549	ng	# 95

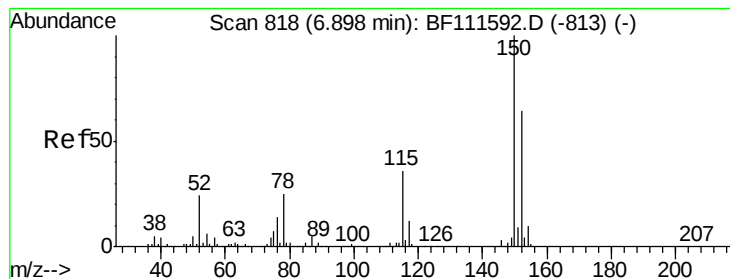
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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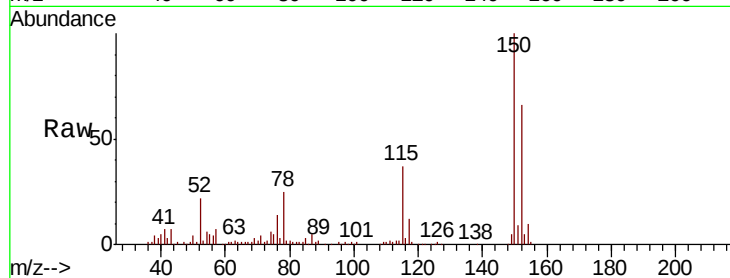


#1

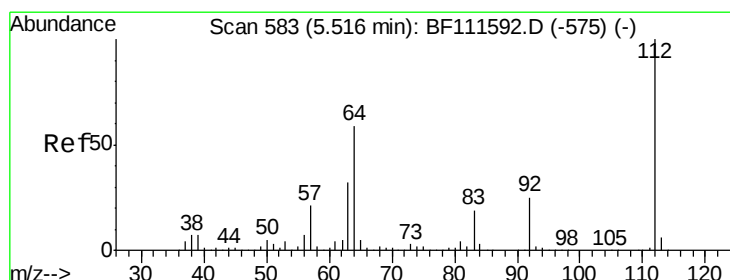
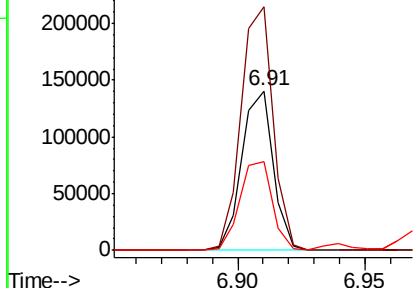
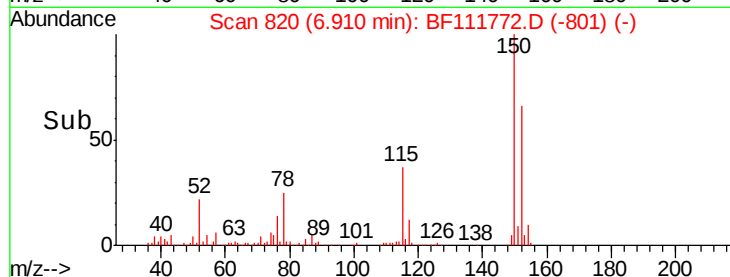
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF111772.D
 Acq: 27 Dec 2018 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:152 Resp: 120788
 Ion Ratio Lower Upper
 152 100
 150 152.5 126.6 189.8
 115 55.8 50.7 76.1



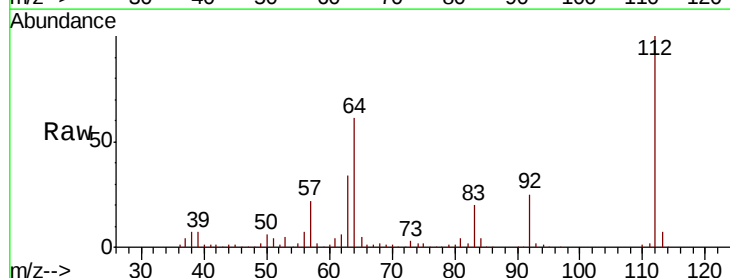
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



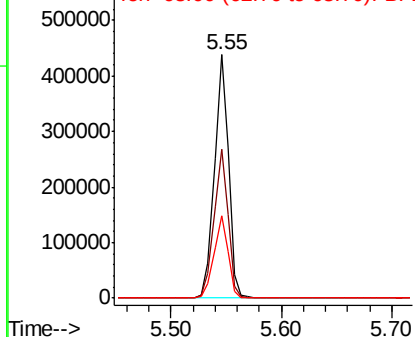
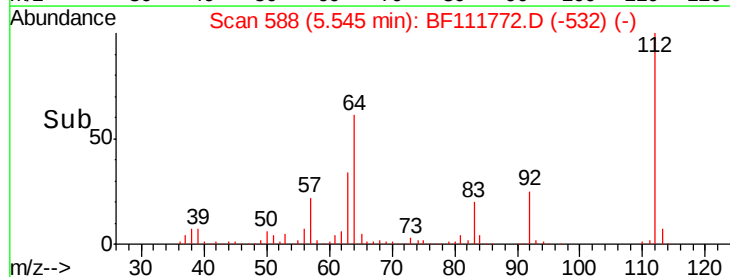
#5

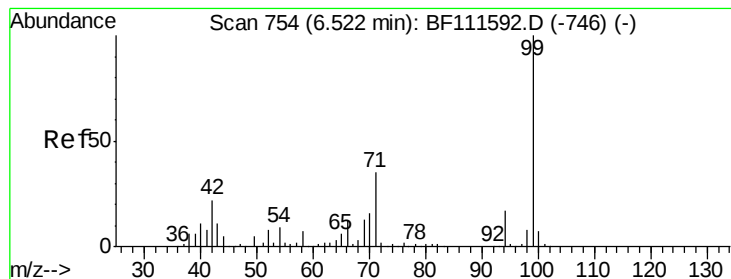
2-Fluorophenol
 Concen: 54.162 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.03 min
 Lab File: BF111772.D
 Acq: 27 Dec 2018 19:40

Tgt Ion:112 Resp: 383810
 Ion Ratio Lower Upper
 112 100
 64 61.1 51.8 77.6
 63 34.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.854 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

Instrument :

BNA_F

ClientSampleId :

MW-11

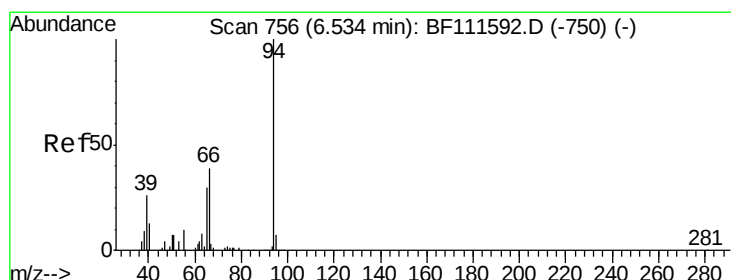
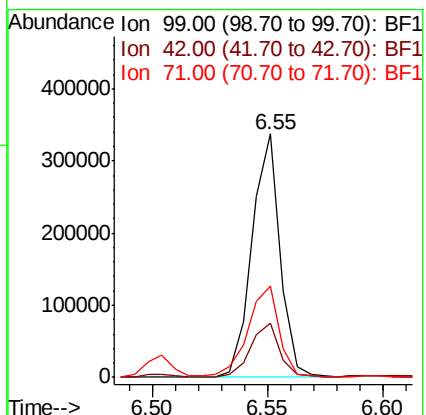
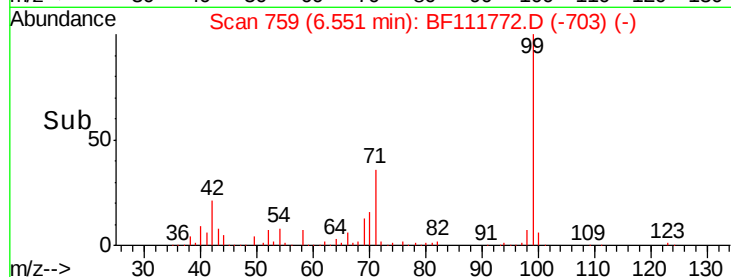
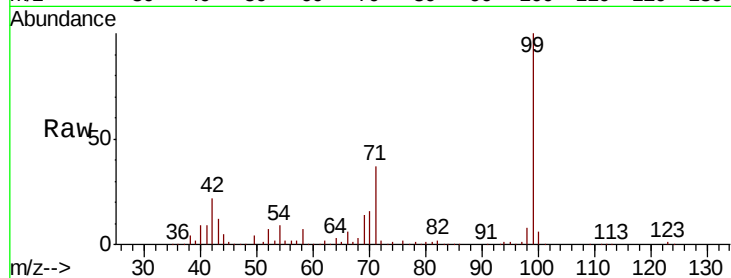
Tgt Ion: 99 Resp: 287274

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

71 37.3 26.1 39.1



#10

Phenol

Concen: 2.893 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

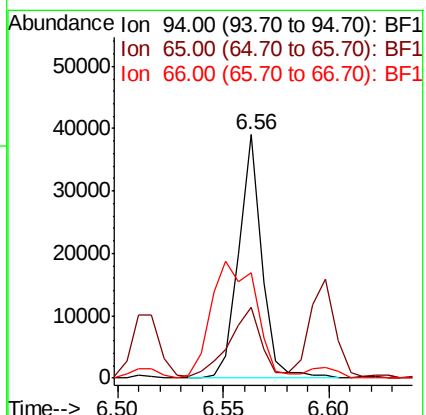
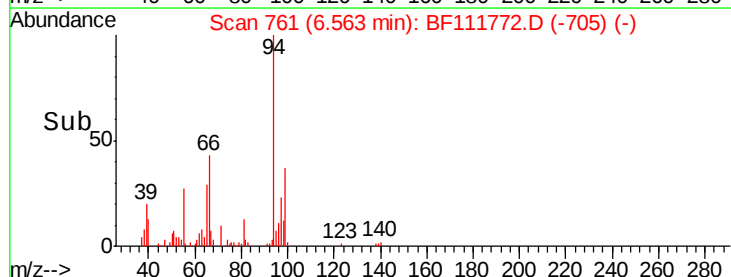
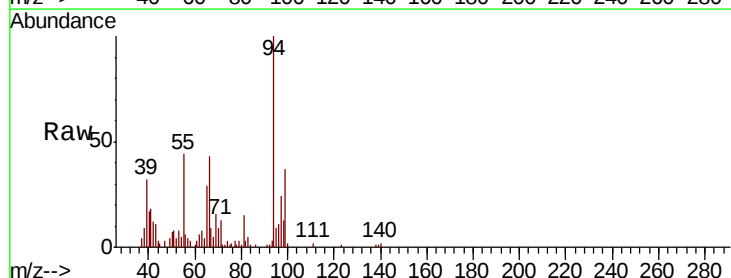
Tgt Ion: 94 Resp: 29439

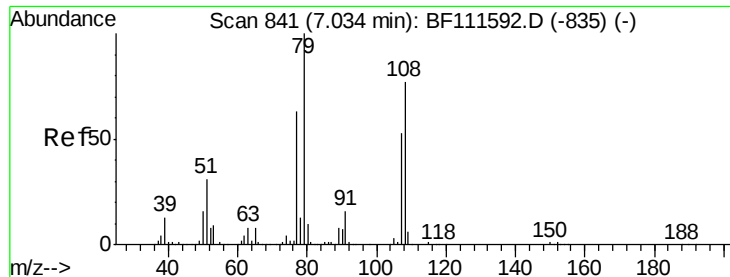
Ion Ratio Lower Upper

94 100

65 29.1 11.7 51.7

66 43.2 21.0 61.0





#15

Benzyl Alcohol

Concen: 2.424 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.04 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

Instrument :

BNA_F

ClientSampleId :

MW-11

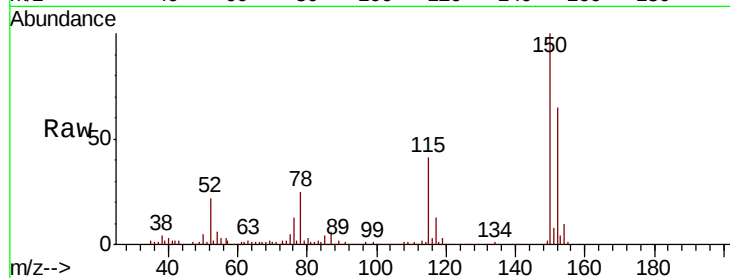
Tgt Ion: 79 Resp: 17360

Ion Ratio Lower Upper

79 100

108 27.8 69.4 104.2#

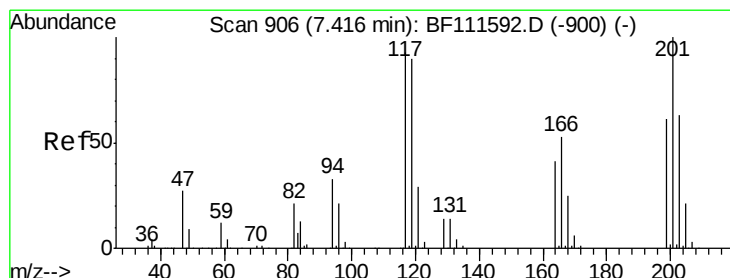
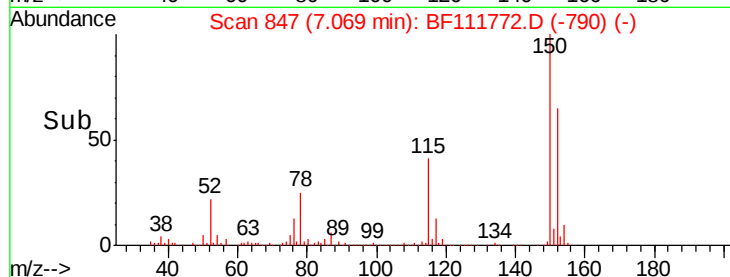
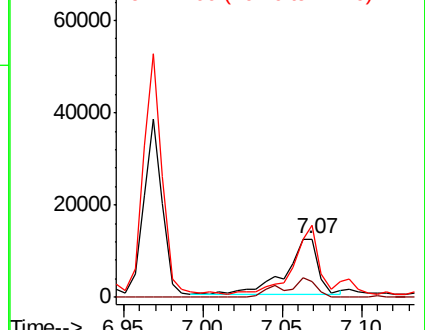
77 122.7 49.7 74.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 10.979 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.03 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

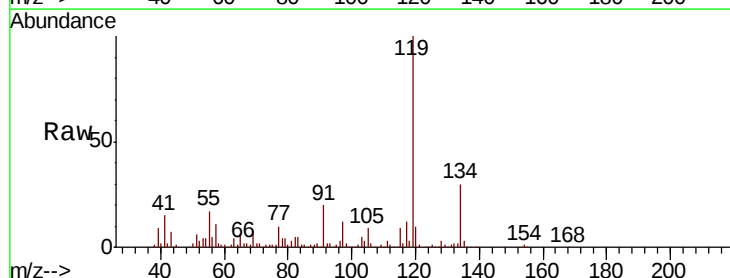
Tgt Ion: 117 Resp: 34132

Ion Ratio Lower Upper

117 100

119 821.7 75.4 113.0#

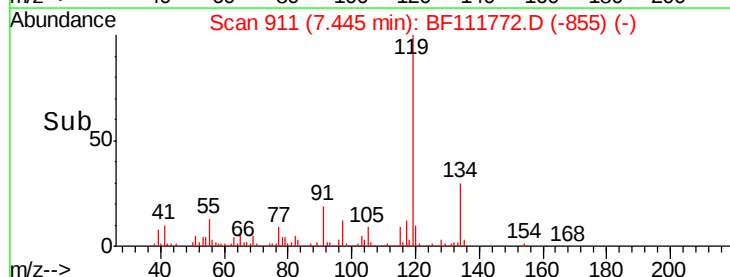
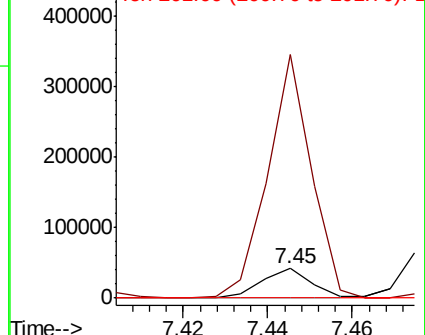
201 0.0 62.4 93.6#

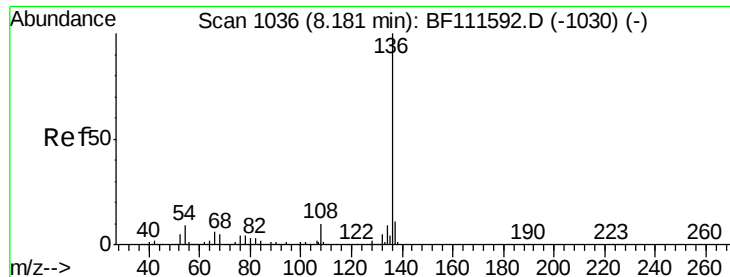


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion:136 Resp: 391317

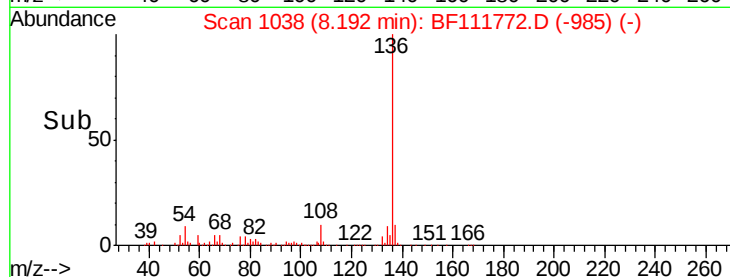
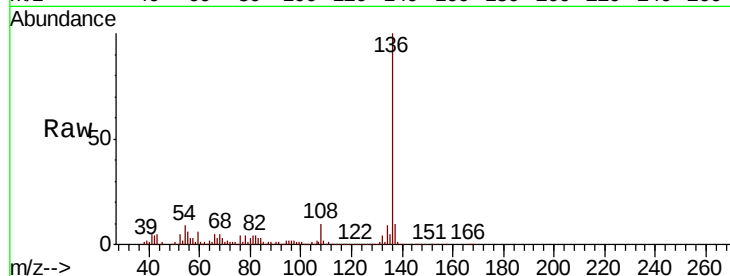
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 9.0 7.7 11.5

68 5.3 4.9 7.3

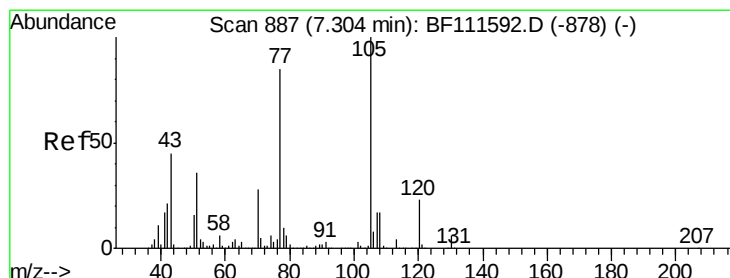
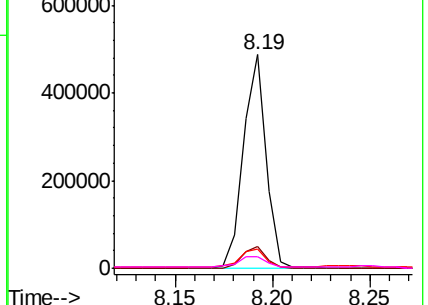


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 8.855 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

Tgt Ion:105 Resp: 87788

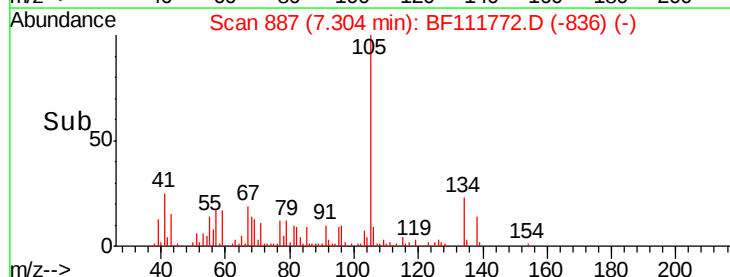
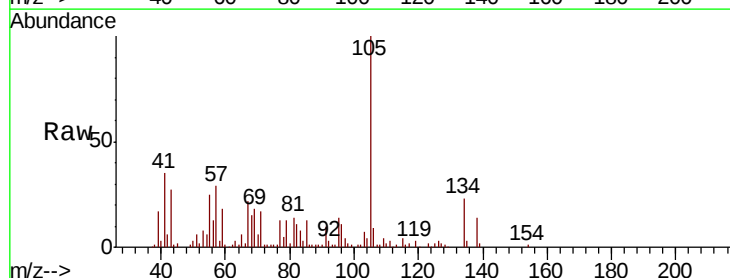
Ion Ratio Lower Upper

105 100

71 17.0 3.1 4.7#

51 6.3 36.6 54.8#

120 0.4 18.2 27.4#

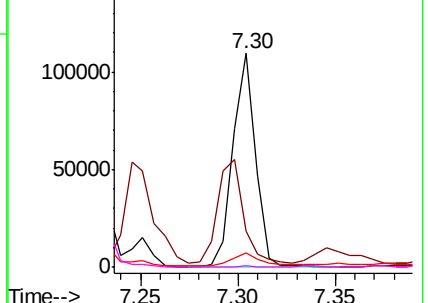


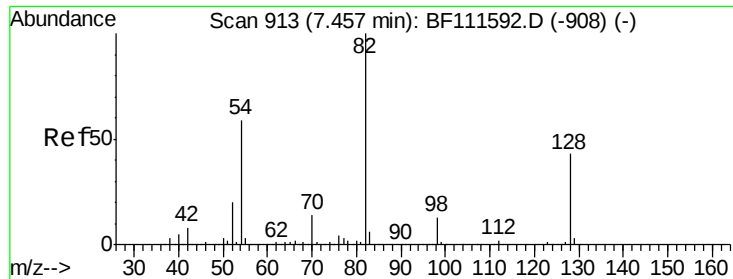
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

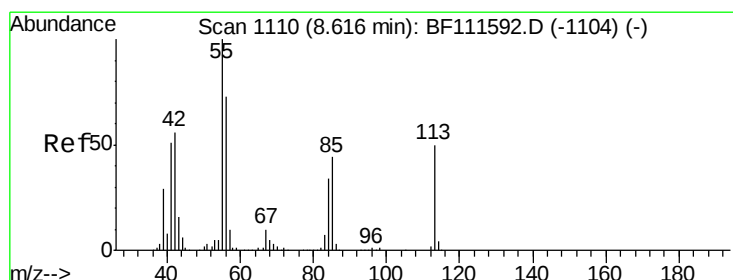
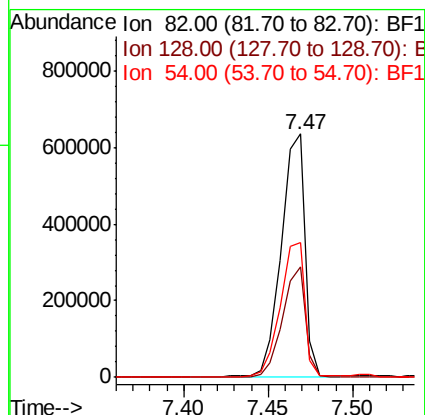
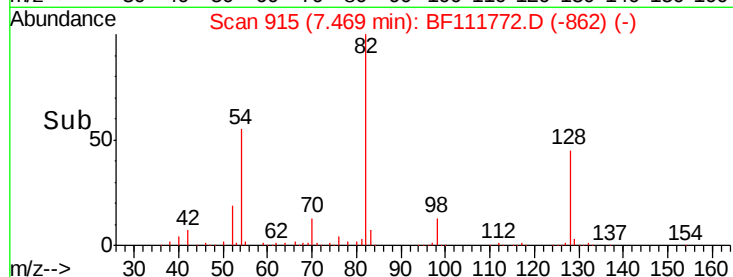
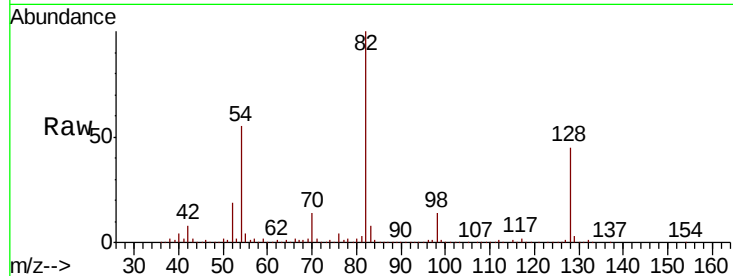




#23
 Nitrobenzene-d5
 Concen: 91.986 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111772.D
 Acq: 27 Dec 2018 19:40

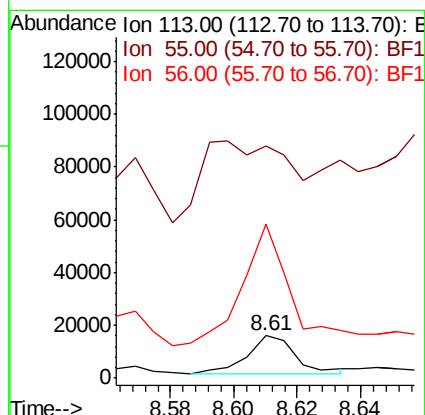
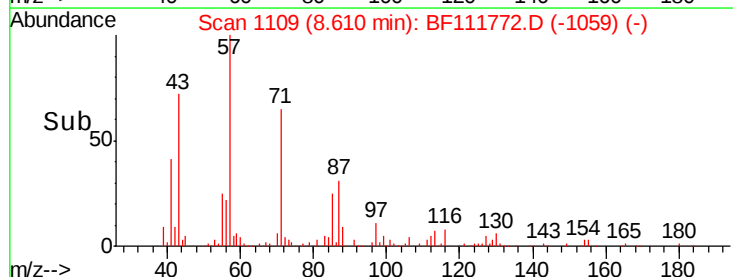
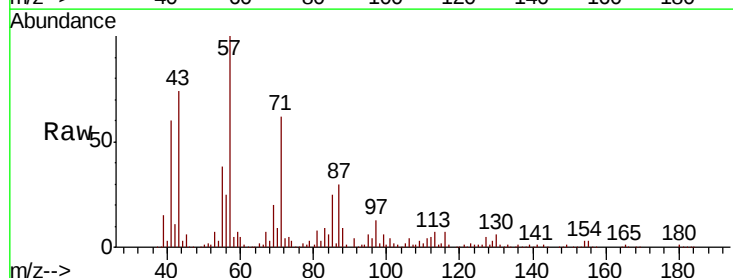
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 BNA_F
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 MW-11

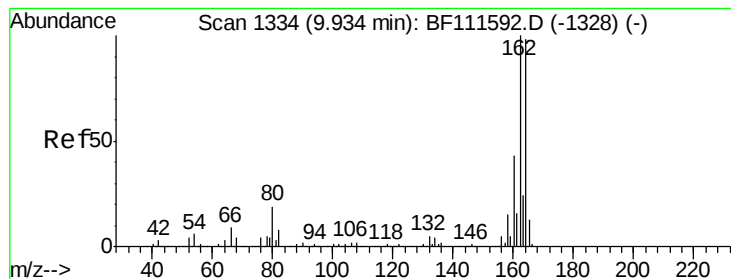
Tgt Ion: 82 Resp: 618400
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.4 56.2
 54 55.2 47.6 71.4



#35
 Caprolactam
 Concen: 7.343 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF111772.D
 Acq: 27 Dec 2018 19:40

Tgt Ion: 113 Resp: 15077
 Ion Ratio Lower Upper
 113 100
 55 545.7 184.1 224.1#
 56 364.1 126.0 166.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

Instrument :

BNA_F

ClientSampleId :

MW-11

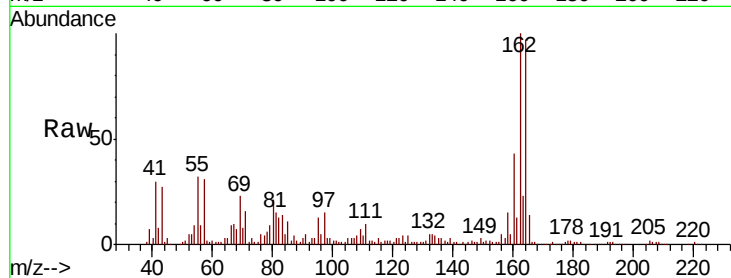
Tgt Ion:164 Resp: 170590

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

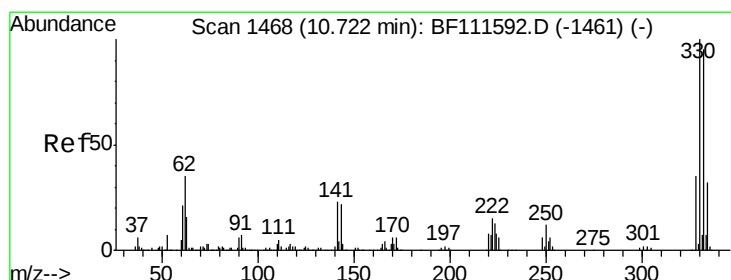
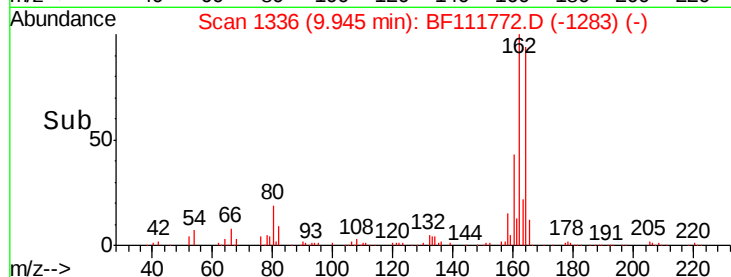
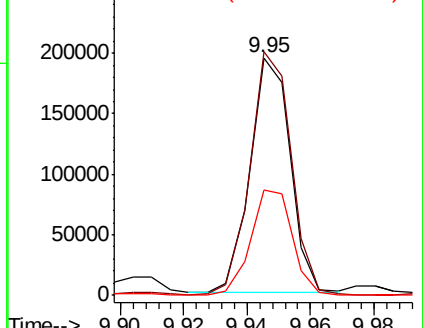
160 44.5 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 125.799 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

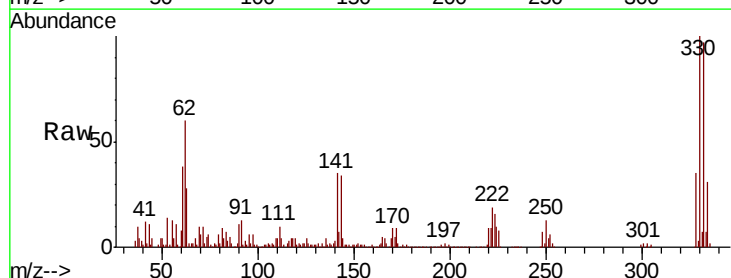
Tgt Ion:330 Resp: 253566

Ion Ratio Lower Upper

330 100

332 98.8 76.0 114.0

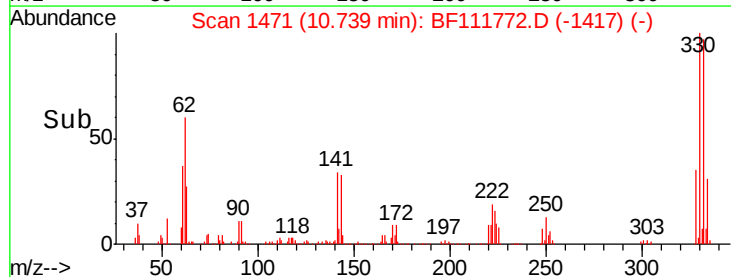
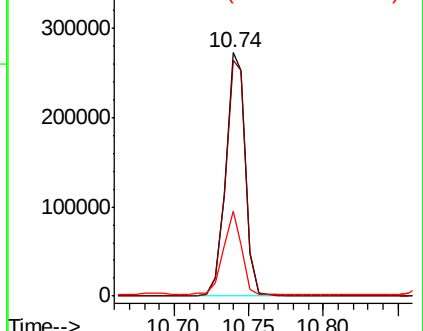
141 31.9 31.0 46.6

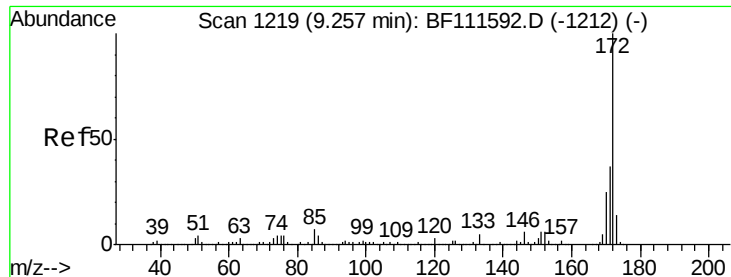


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

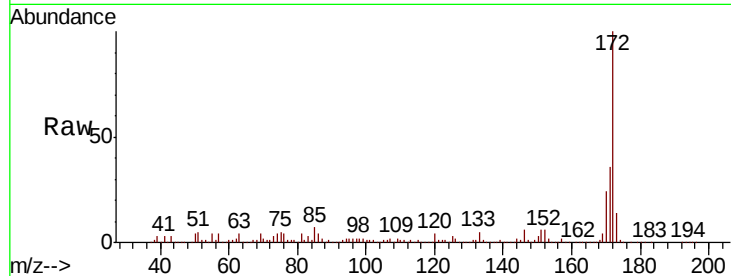




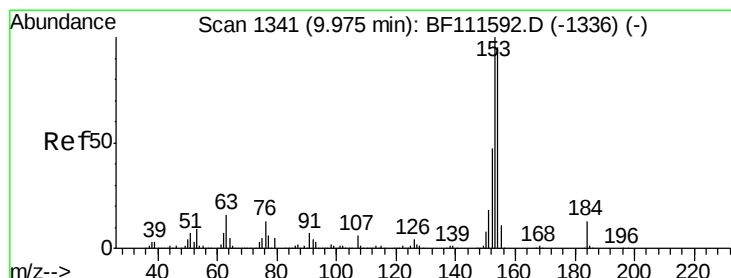
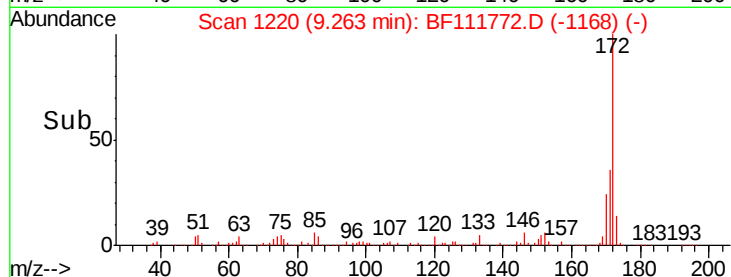
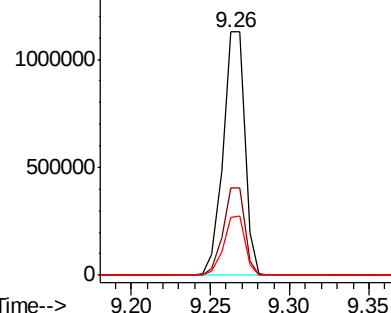
#45
 2-Fluorobiphenyl
 Concen: 91.970 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111772.D
 Acq: 27 Dec 2018 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:172 Resp: 1076383
 Ion Ratio Lower Upper
 172 100
 171 36.1 33.0 49.4
 170 24.0 22.3 33.5

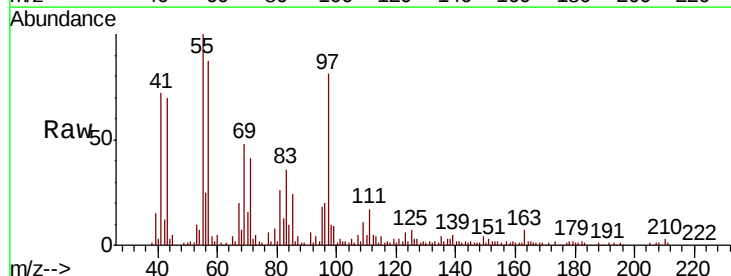


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

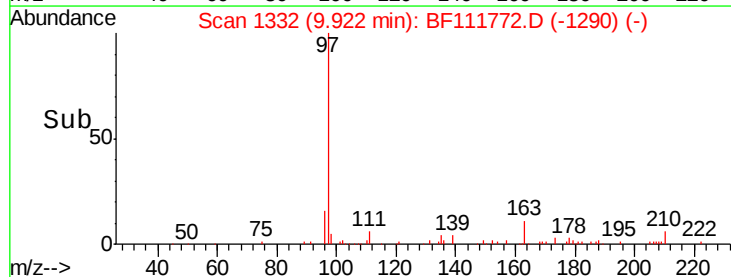
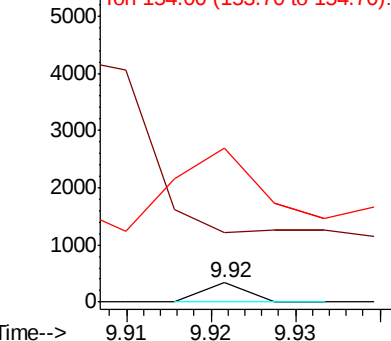


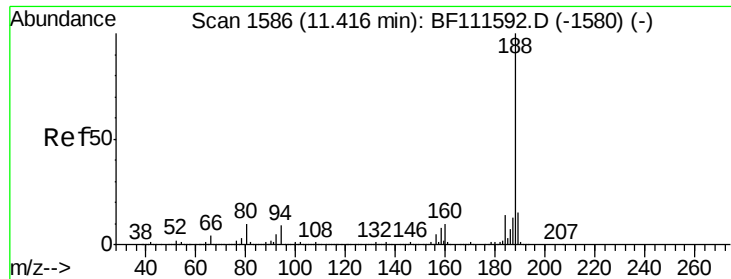
#54
 2,4-Dinitrophenol
 Concen: 7.444 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.05 min
 Lab File: BF111772.D
 Acq: 27 Dec 2018 19:40

Tgt Ion:184 Resp: 120
 Ion Ratio Lower Upper
 184 100
 63 357.8 62.3 93.5#
 154 795.9 56.2 84.2#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

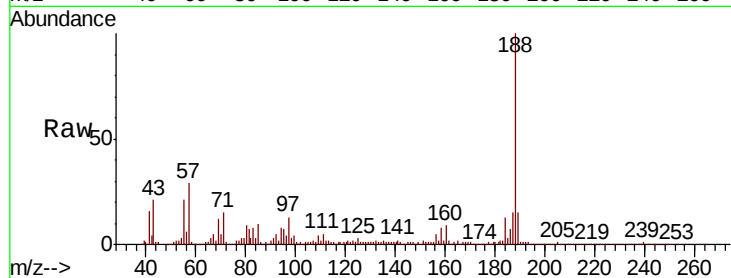




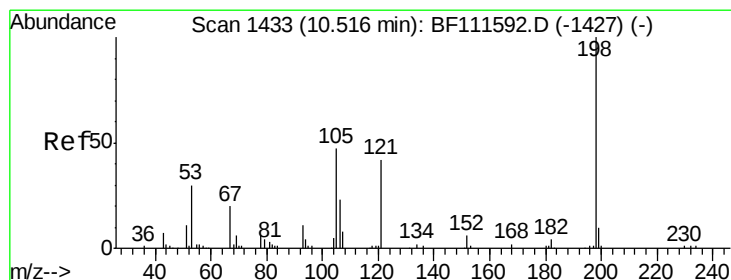
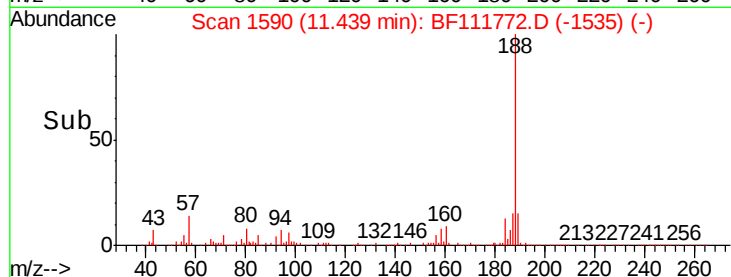
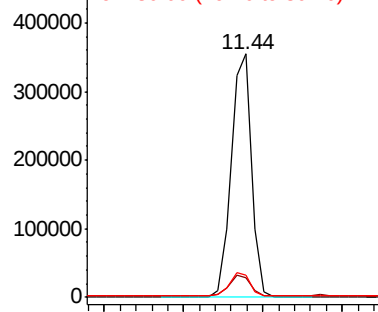
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.02 min
Lab File: BF111772.D
Acq: 27 Dec 2018 19:40

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 318396
Ion Ratio Lower Upper
188 100
94 8.2 9.6 14.4#
80 9.2 9.8 14.6#

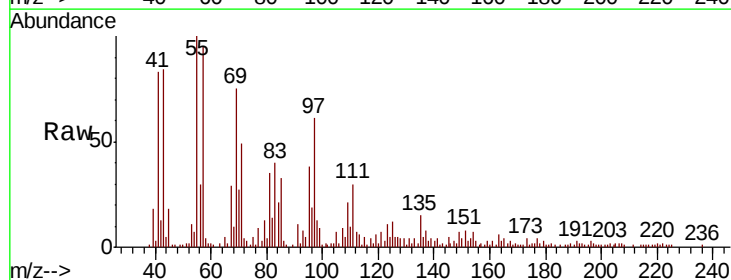


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

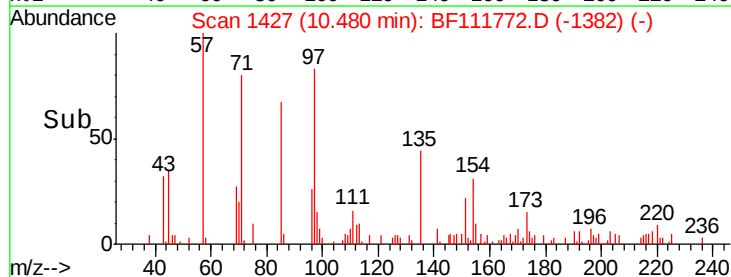
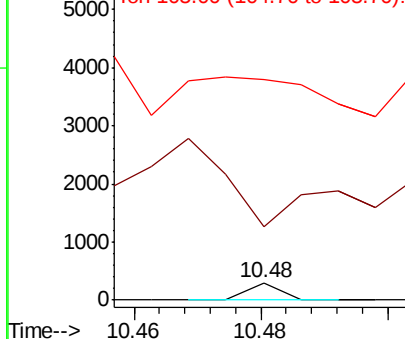


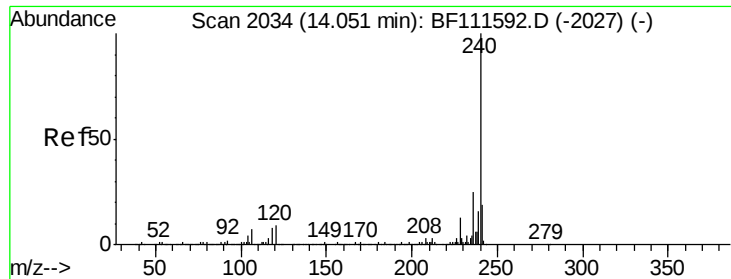
#65
4,6-Dinitro-2-methylphenol
Concen: 6.763 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BF111772.D
Acq: 27 Dec 2018 19:40

Tgt Ion:198 Resp: 107
Ion Ratio Lower Upper
198 100
51 420.1 48.0 88.0#
105 1252.5 34.0 74.0#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

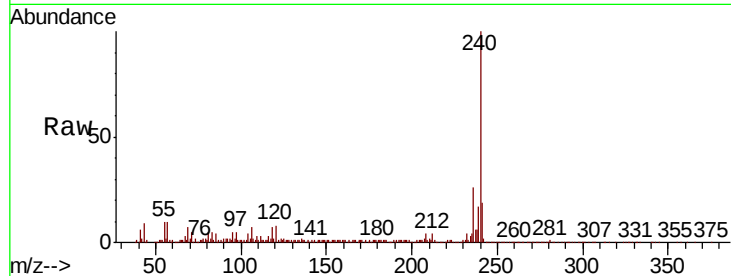




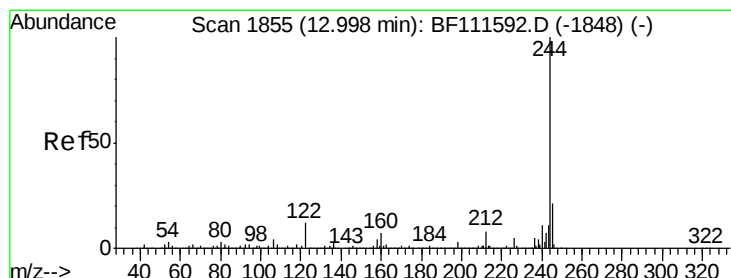
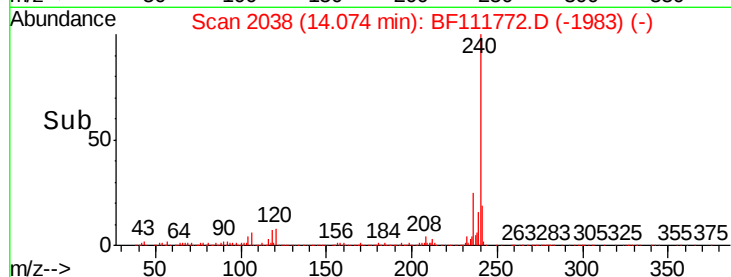
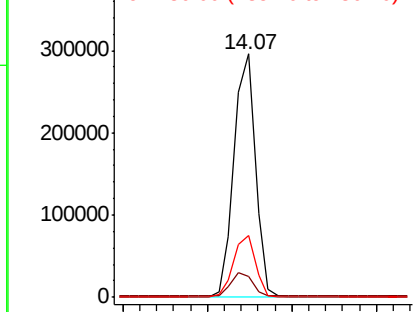
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111772.D
Acq: 27 Dec 2018 19:40

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:240 Resp: 260174
Ion Ratio Lower Upper
240 100
120 8.4 12.2 18.2#
236 25.5 20.2 30.2

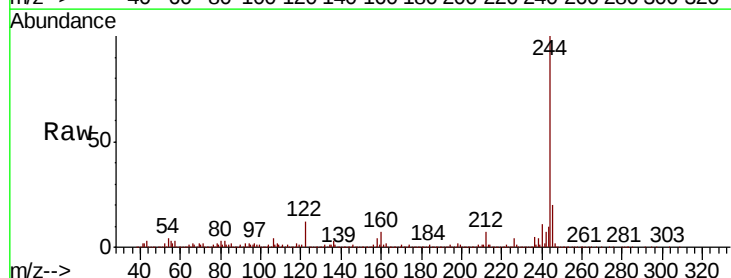


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

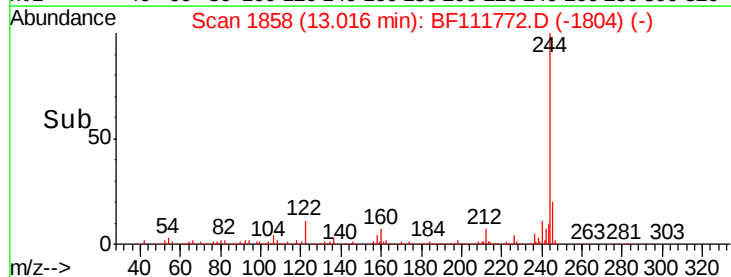
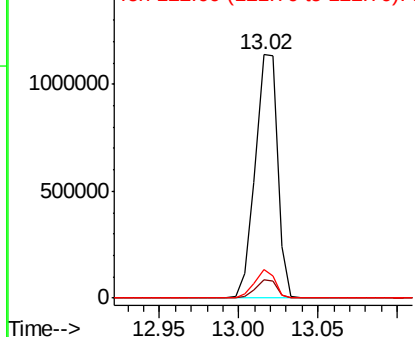


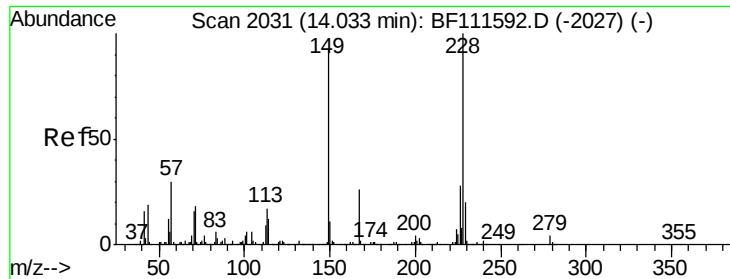
#79
Terphenyl-d14
Concen: 82.037 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111772.D
Acq: 27 Dec 2018 19:40

Tgt Ion:244 Resp: 1125484
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.6 13.1 19.7#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.549 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

Instrument :

BNA_F

ClientSampleId :

MW-11

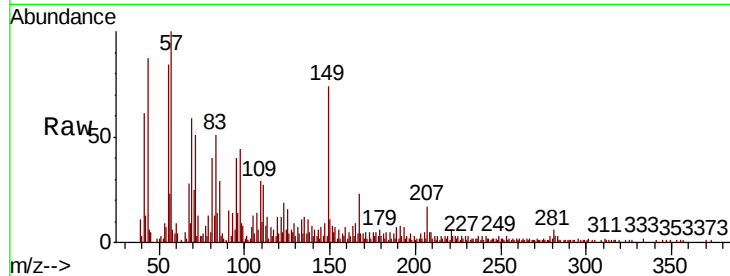
Tgt Ion:149 Resp: 24046

Ion Ratio Lower Upper

149 100

167 30.6 22.5 33.7

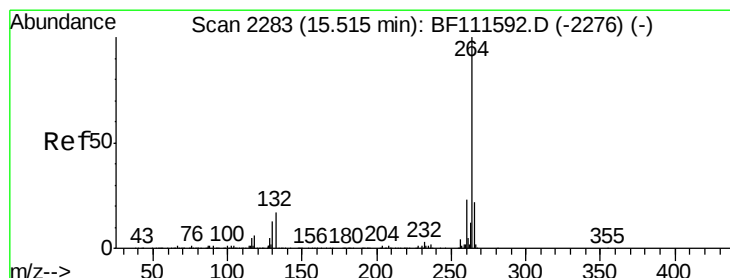
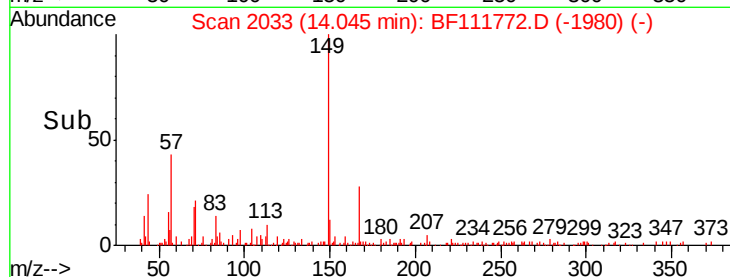
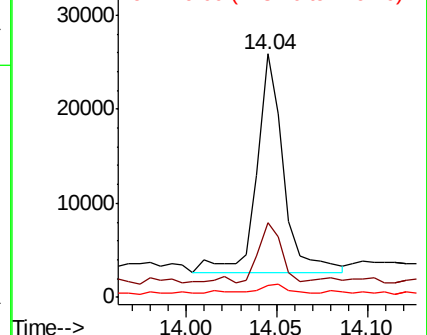
279 4.7 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.05 min

Lab File: BF111772.D

Acq: 27 Dec 2018 19:40

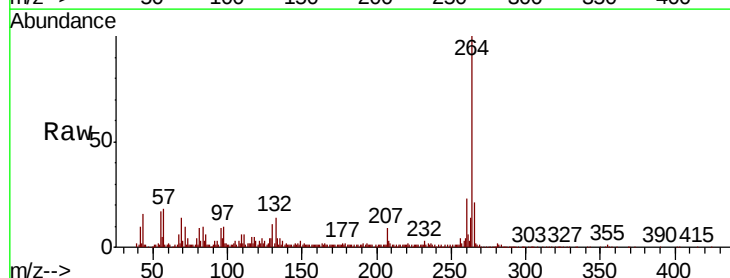
Tgt Ion:264 Resp: 188945

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

