

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111121.D
 Acq On : 5 Dec 2018 21:44
 Operator : JU/SJ
 Sample : J6134-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Dec 06 01:08:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

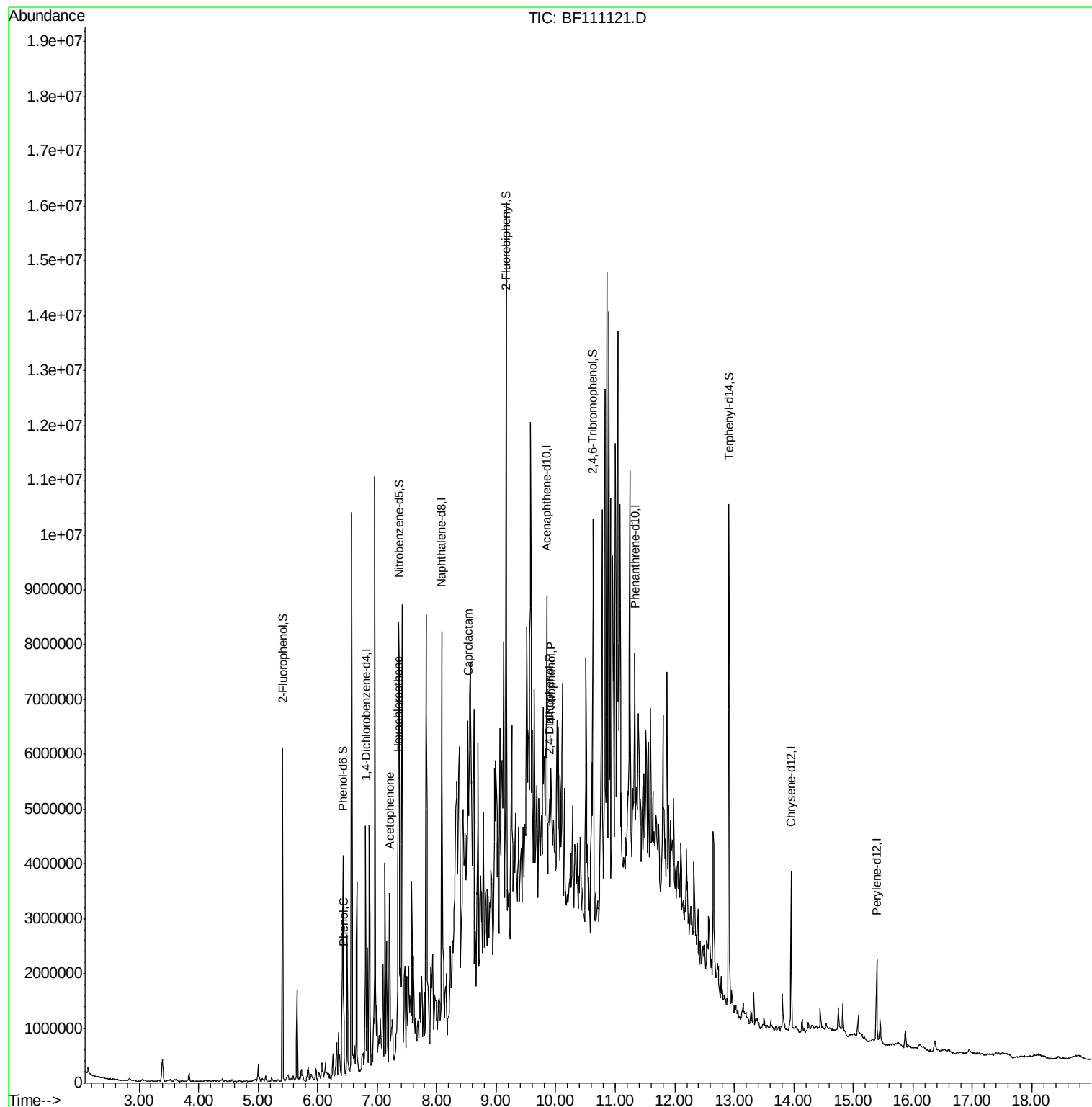
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	481527	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1808292	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	794789	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1150473	20.00	ng	0.00
76) Chrysene-d12	13.96	240	909924	20.00	ng	0.00
87) Perylene-d12	15.39	264	646230	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1499298	48.59	ng	0.00
7) Phenol-d6	6.43	99	1214801	30.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	2412668	78.99	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	642360	101.68	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3658898	85.26	ng	0.00
79) Terphenyl-d14	12.91	244	2775618	62.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	13034	Below Cal	Qvalue	# 1
10) Phenol	6.44	94	218892	5.050 ng		91
18) Hexachloroethane	7.35	117	102872	7.204 ng	#	1
22) Acetophenone	7.20	105	284464	6.510 ng	#	43
35) Caprolactam	8.52	113	47993	5.078 ng	#	1
54) 2,4-Dinitrophenol	9.89	184	1534	6.983 ng	#	1
56) 4-Nitrophenol	9.92	139	25827	2.327 ng	#	30
77) Benzydine	12.65	184	2055	Below Cal	#	1

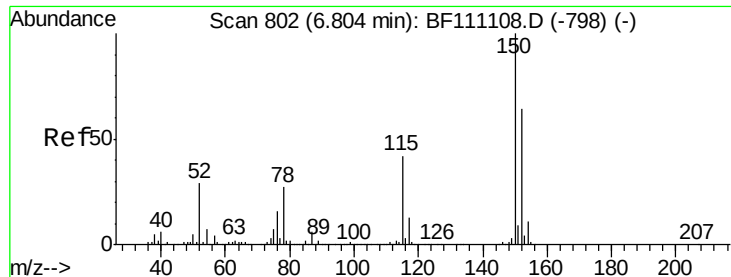
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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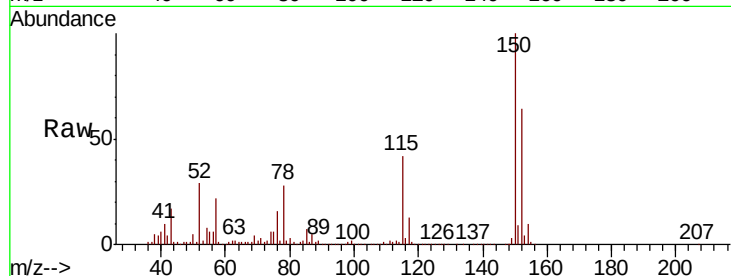


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	187.0
115	65.5	52.2	78.2

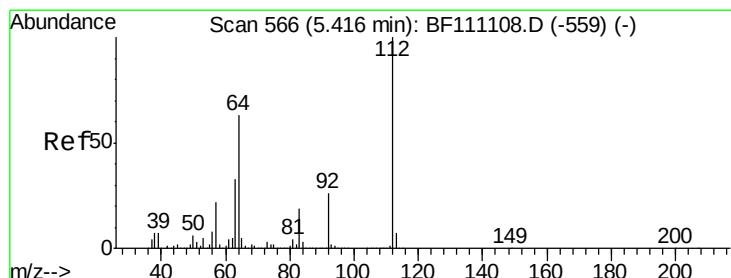
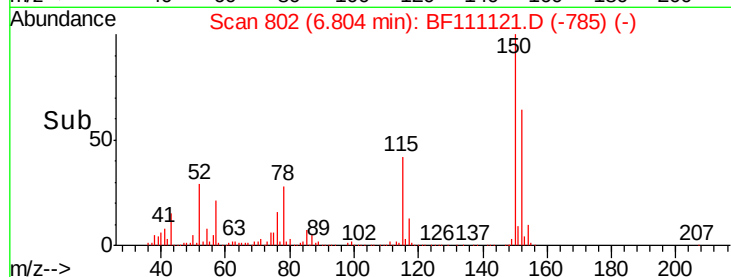
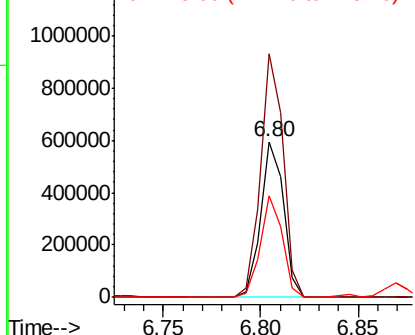


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

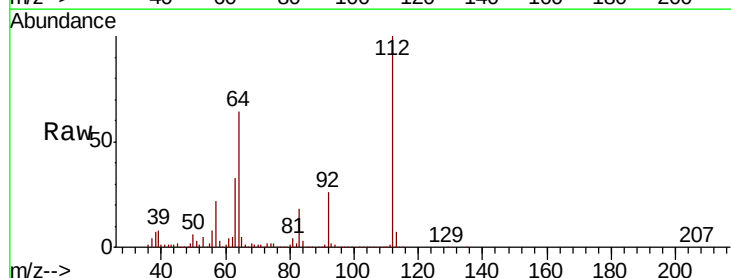
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.587 ng
RT: 5.41 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.2	75.4
63	33.5	26.6	39.8

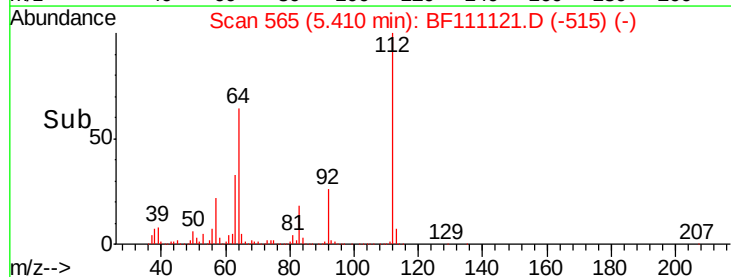
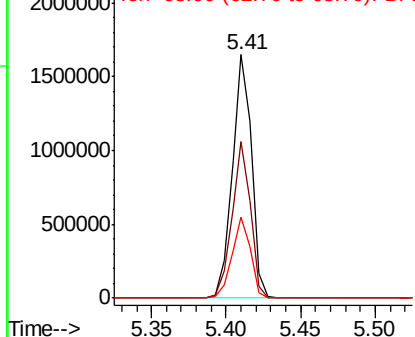


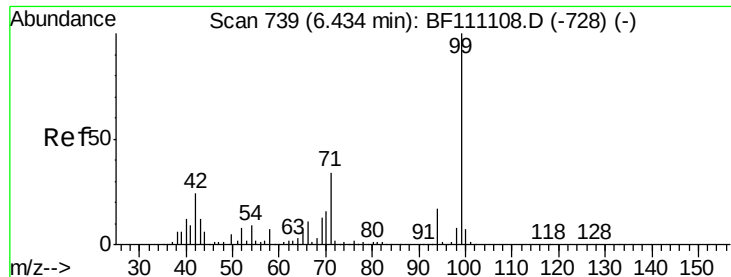
Abundance

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: 30.561 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

Instrument :

BNA_F

ClientSampleId :

MW-11

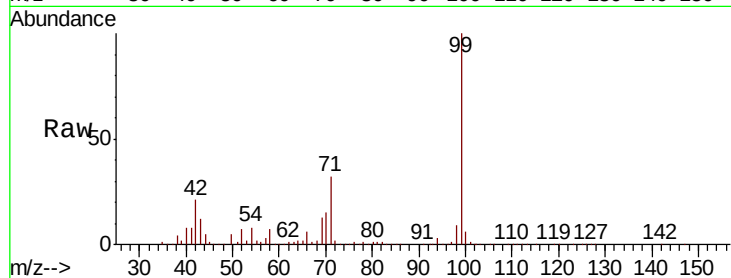
Tgt Ion: 99 Resp: 1214801

Ion Ratio Lower Upper

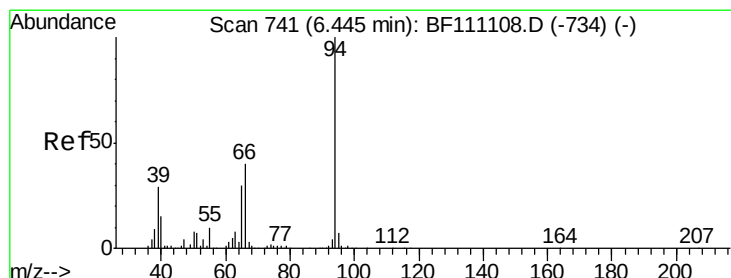
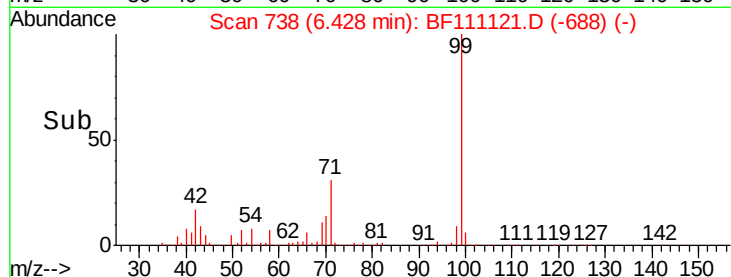
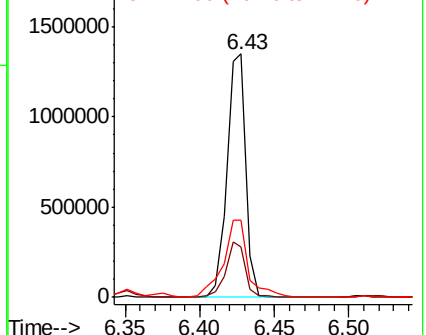
99 100

42 20.9 19.3 28.9

71 31.7 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.050 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

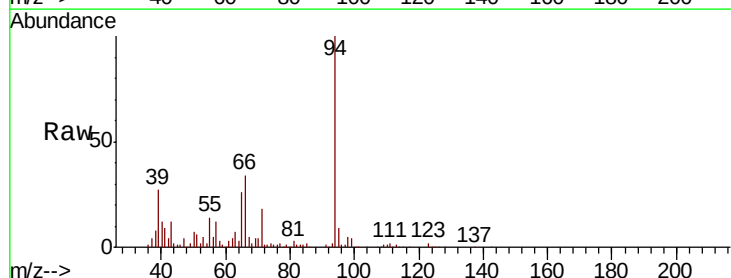
Tgt Ion: 94 Resp: 218892

Ion Ratio Lower Upper

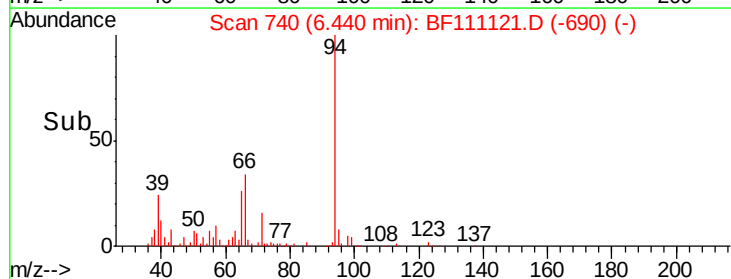
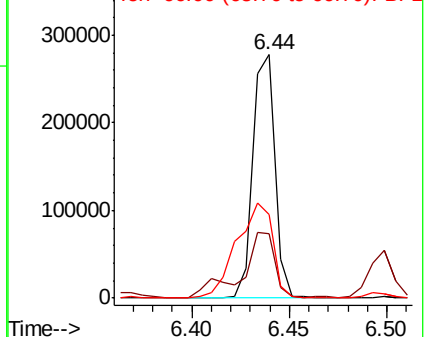
94 100

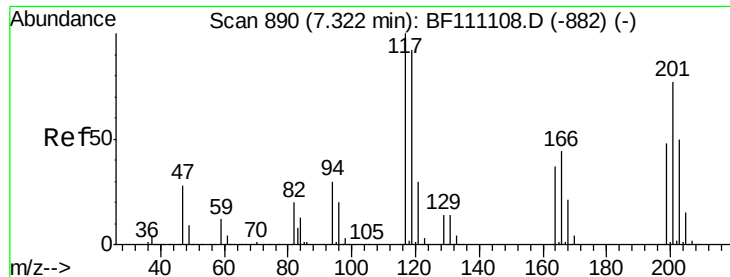
65 26.3 10.5 50.5

66 34.1 19.8 59.8



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#18

Hexachloroethane

Concen: 7.204 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.02 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

Instrument :

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ClientSampleId :

MW-11

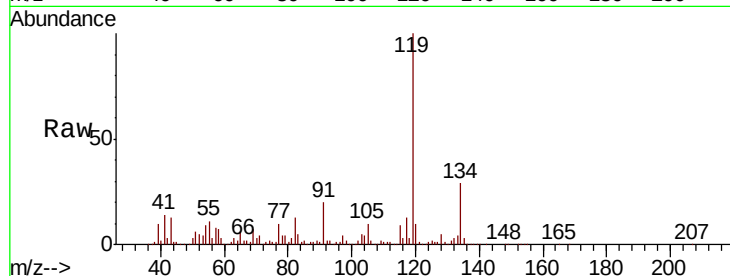
Tgt Ion:117 Resp: 102872

Ion Ratio Lower Upper

117 100

119 744.4 73.8 110.6#

201 0.0 61.2 91.8#

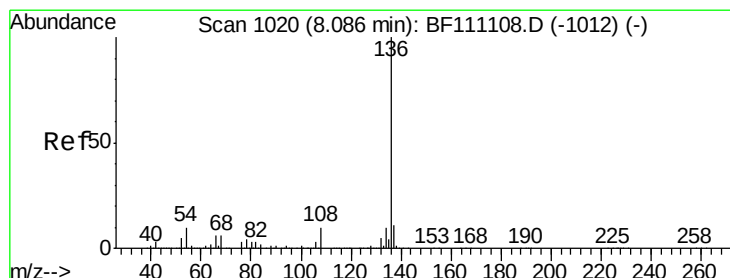
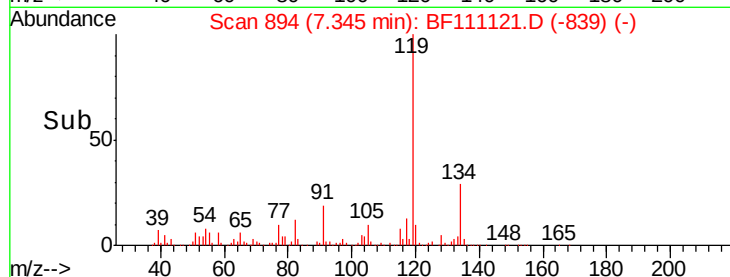
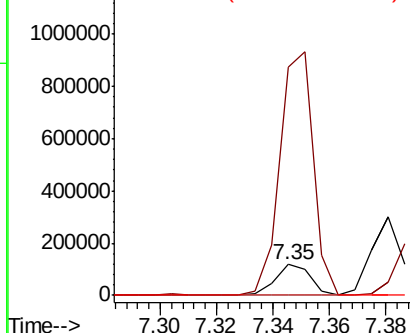


Abundance

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: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

Tgt Ion:136 Resp: 1808292

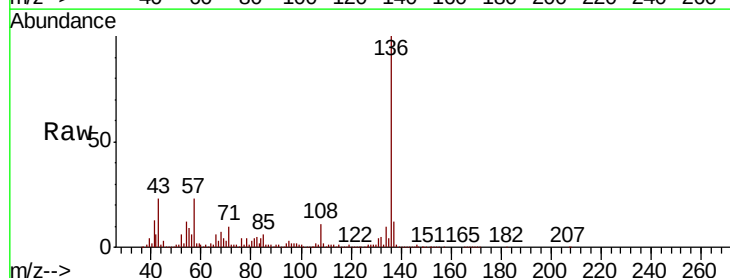
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 11.9 8.4 12.6

68 7.2 5.0 7.4



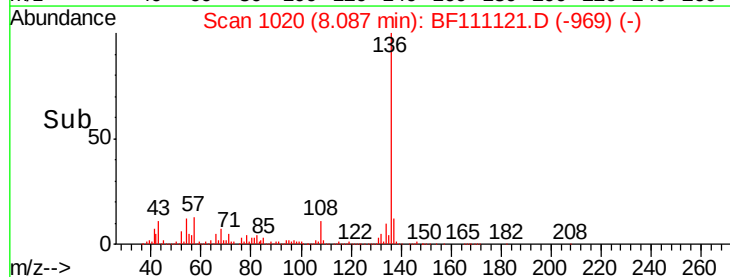
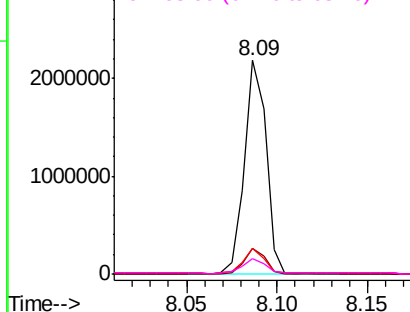
Abundance

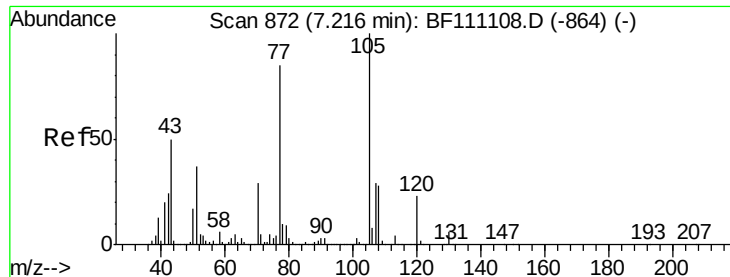
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 6.510 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion: 105 Resp: 284464

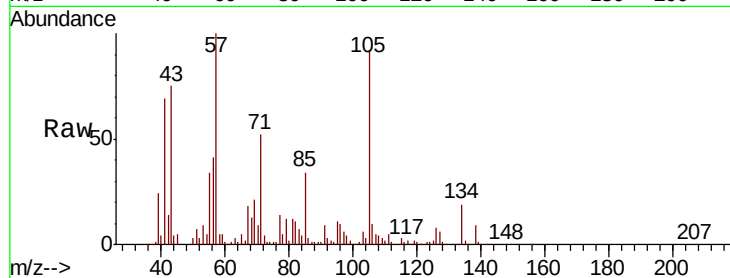
Ion Ratio Lower Upper

105 100

71 56.2 4.0 6.0#

51 7.7 29.8 44.8#

120 0.6 18.7 28.1#

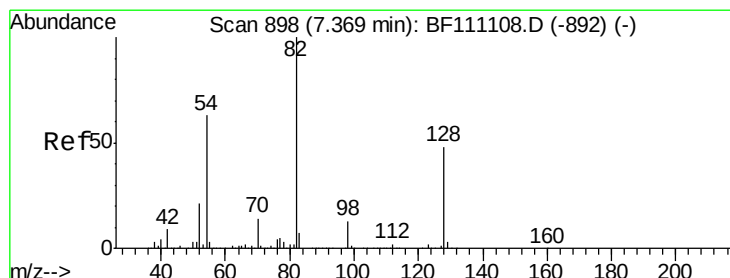
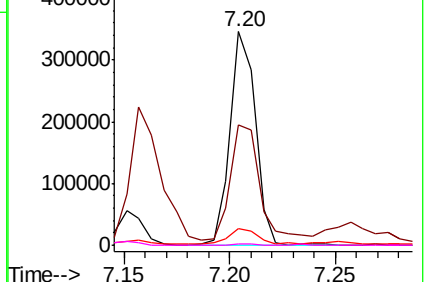
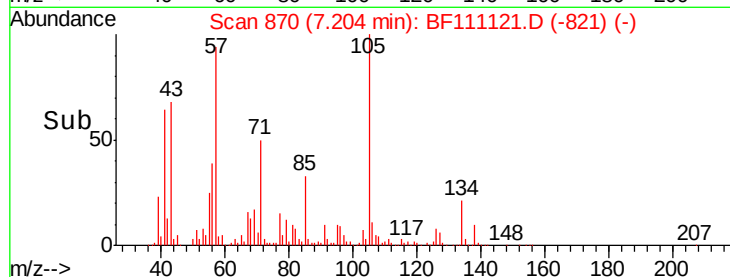


Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.991 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

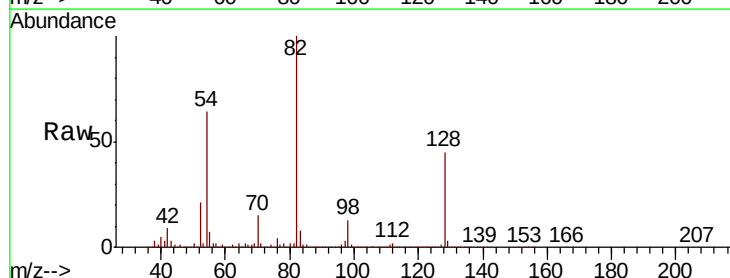
Tgt Ion: 82 Resp: 2412668

Ion Ratio Lower Upper

82 100

128 44.8 38.1 57.1

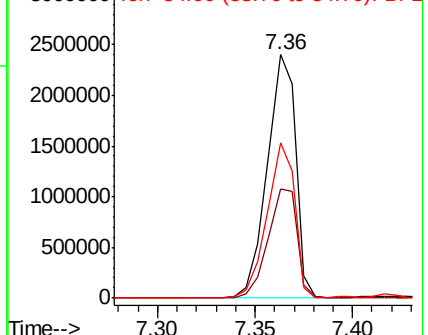
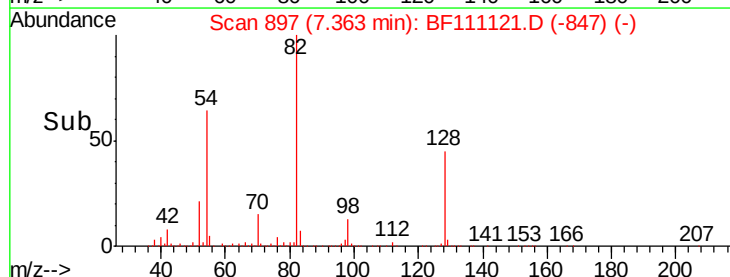
54 63.7 50.3 75.5

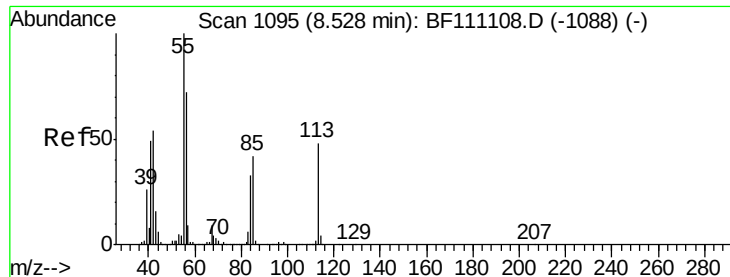


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

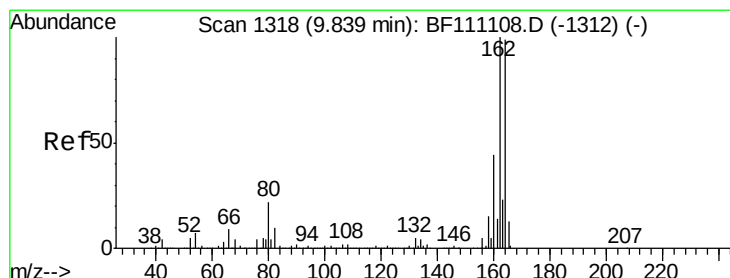
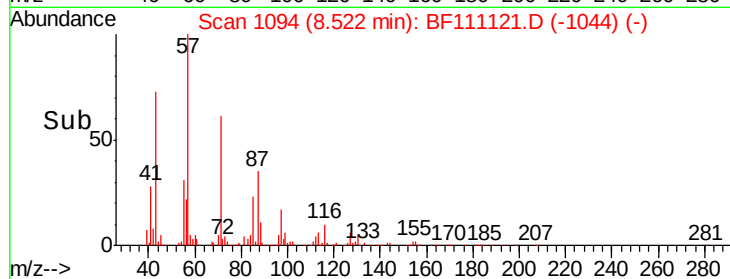
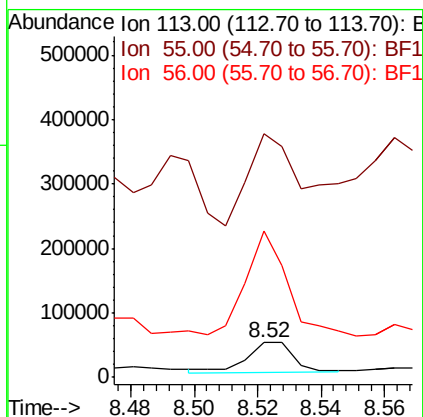
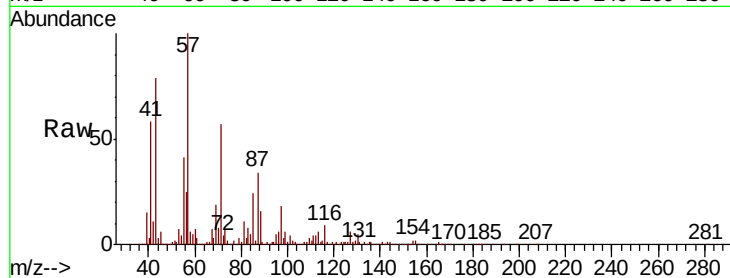




#35
 Caprolactam
 Concen: 5.078 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111121.D
 Acq: 5 Dec 2018 21:44

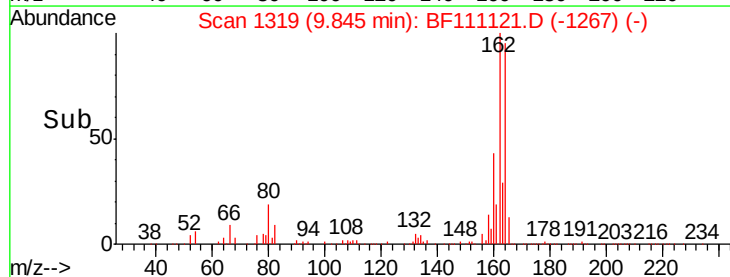
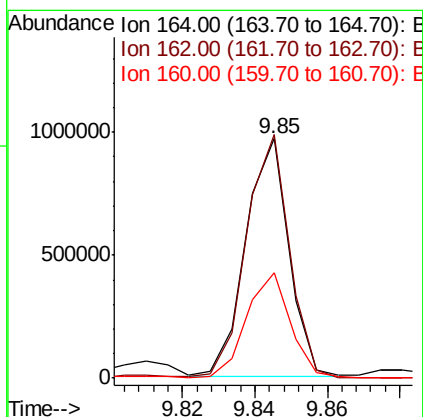
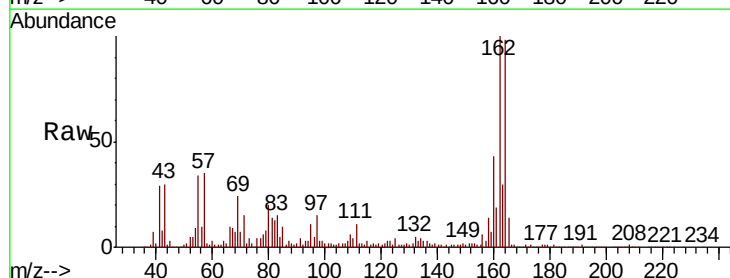
Instrument :
 BNA_F
 ClientSampled :
 MW-11

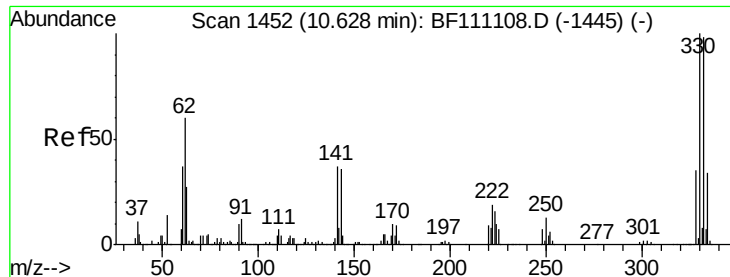
Tgt Ion:113 Resp: 47993
 Ion Ratio Lower Upper
 113 100
 55 701.7 190.6 230.6#
 56 423.0 130.9 170.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111121.D
 Acq: 5 Dec 2018 21:44

Tgt Ion:164 Resp: 794789
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 120.8
 160 44.0 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 101.677 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

Instrument :

BNA_F

ClientSampled :

MW-11

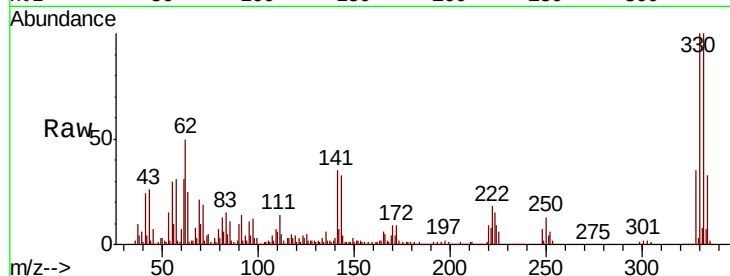
Tgt Ion:330 Resp: 642360

Ion Ratio Lower Upper

330 100

332 97.7 77.2 115.8

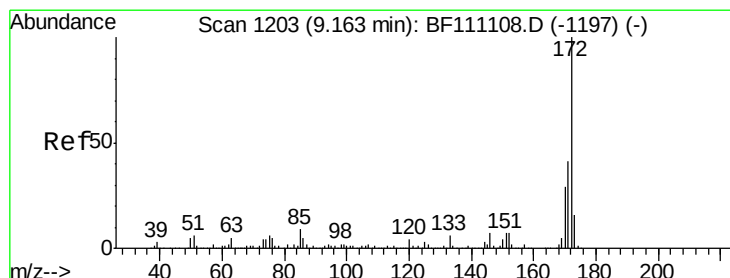
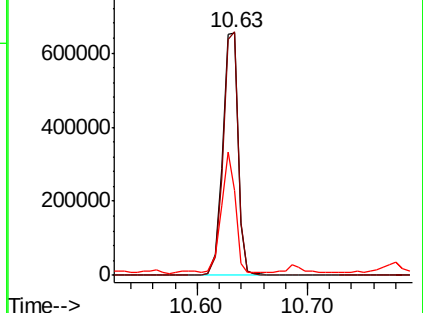
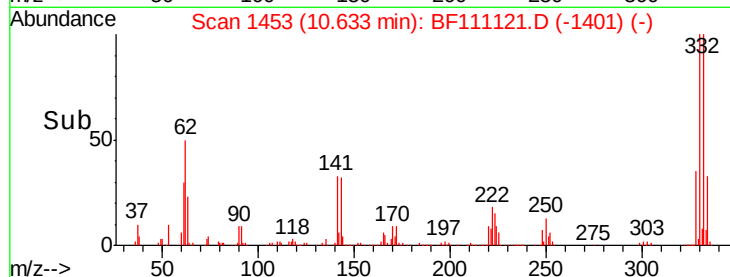
141 44.1 36.1 54.1



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



#45

2-Fluorobiphenyl

Concen: 85.260 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

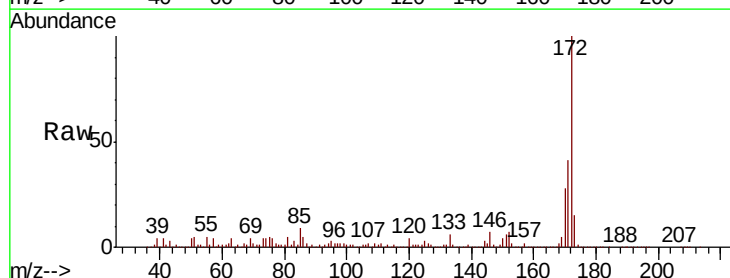
Tgt Ion:172 Resp: 3658898

Ion Ratio Lower Upper

172 100

171 40.9 33.2 49.8

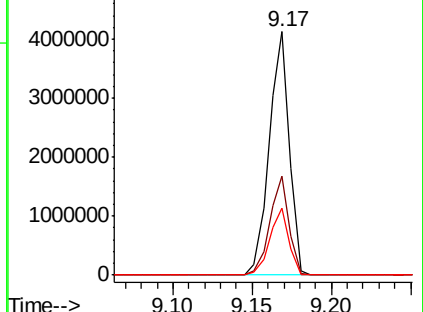
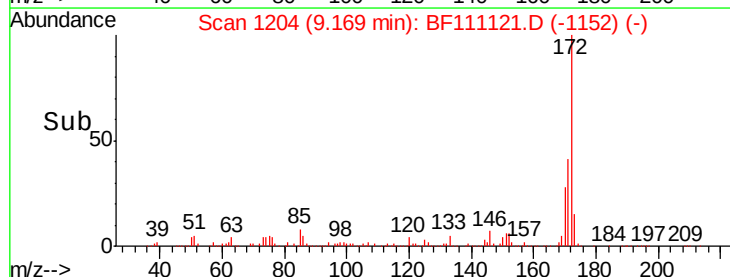
170 27.7 22.9 34.3

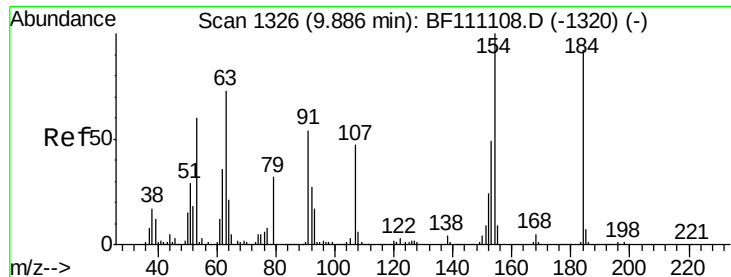


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

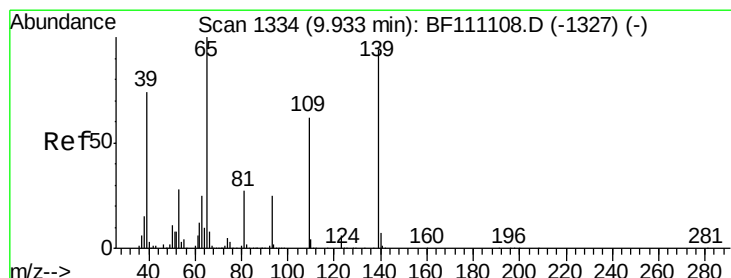
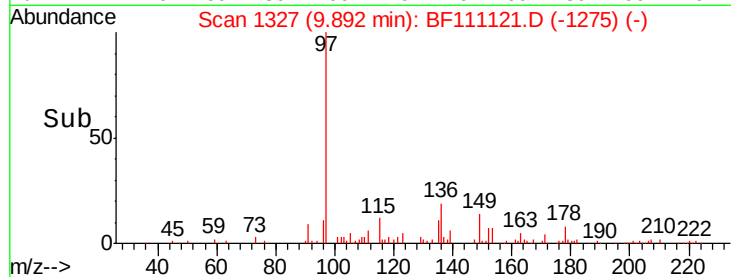
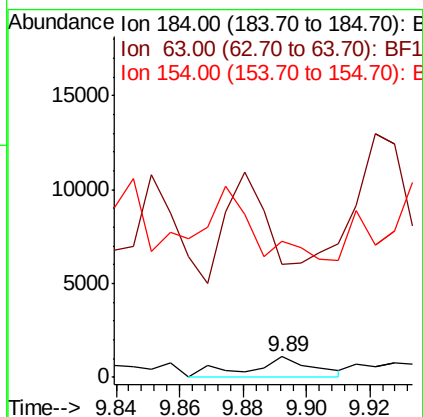
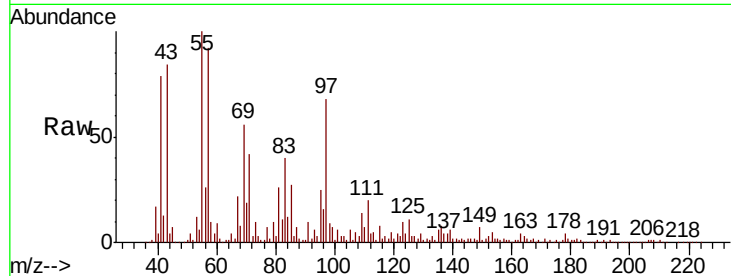




#54
 2,4-Dinitrophenol
 Concen: 6.983 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111121.D
 Acq: 5 Dec 2018 21:44

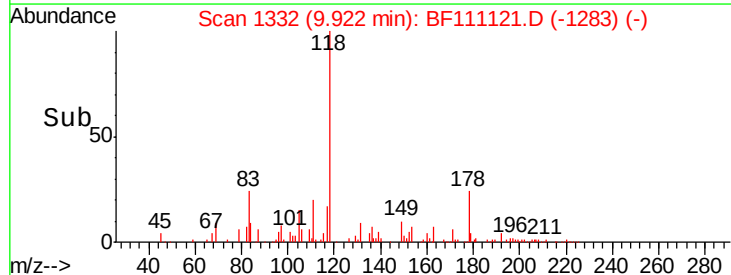
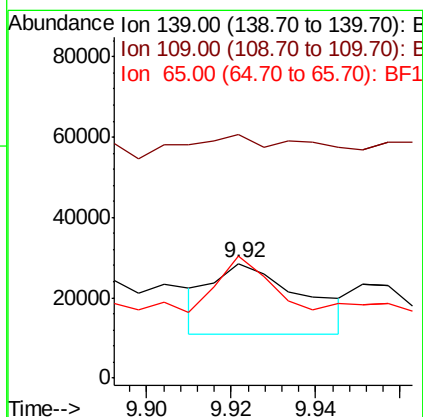
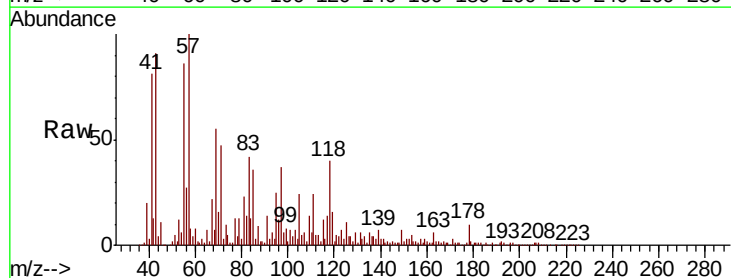
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

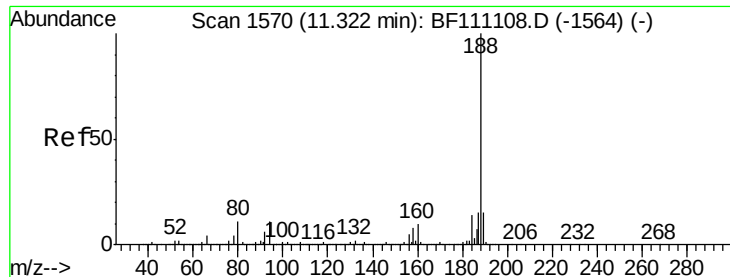
Tgt Ion:184 Resp: 1534
 Ion Ratio Lower Upper
 184 100
 63 544.0 64.2 96.4#
 154 655.3 89.5 134.3#



#56
 4-Nitrophenol
 Concen: 2.327 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111121.D
 Acq: 5 Dec 2018 21:44

Tgt Ion:139 Resp: 25827
 Ion Ratio Lower Upper
 139 100
 109 212.2 46.1 86.1#
 65 106.4 87.0 127.0

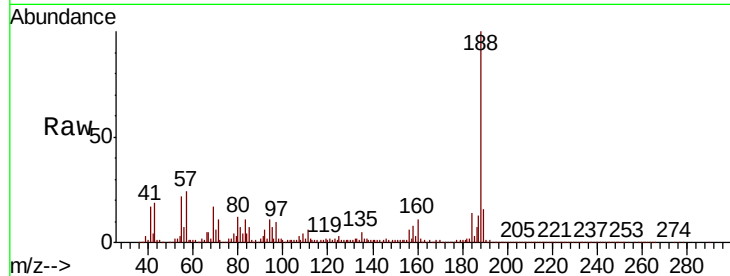




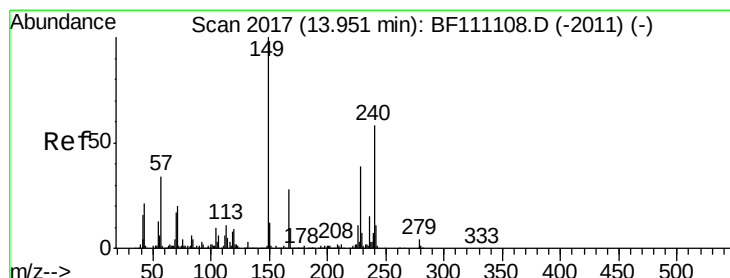
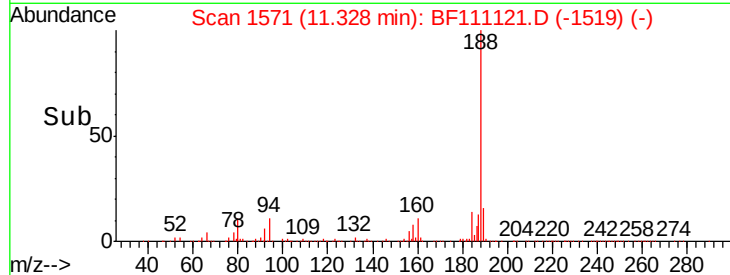
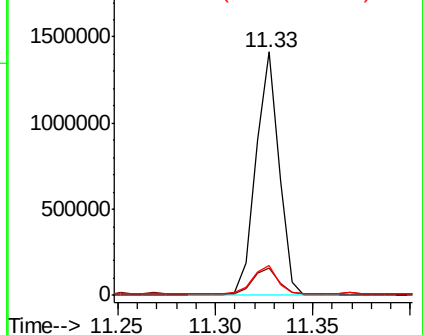
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 1150473
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.1 9.0 13.6

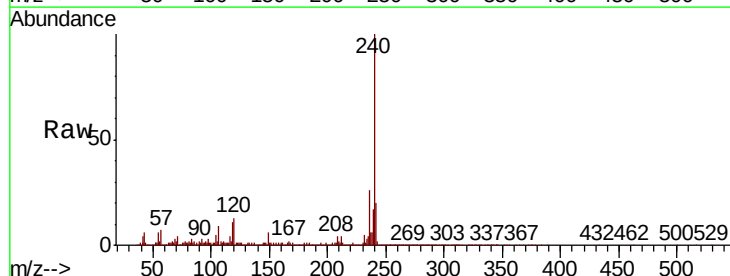


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

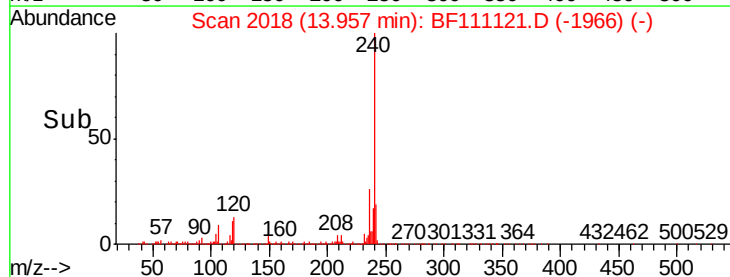
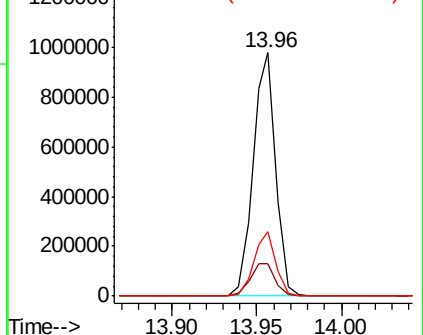


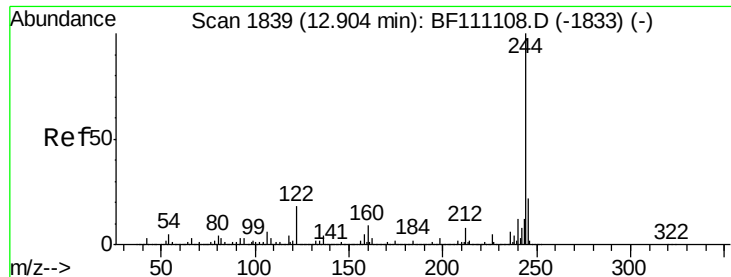
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion:240 Resp: 909924
Ion Ratio Lower Upper
240 100
120 13.1 12.8 19.2
236 26.5 21.1 31.7



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: 62.472 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

Instrument :

BNA_F

ClientSampleId :

MW-11

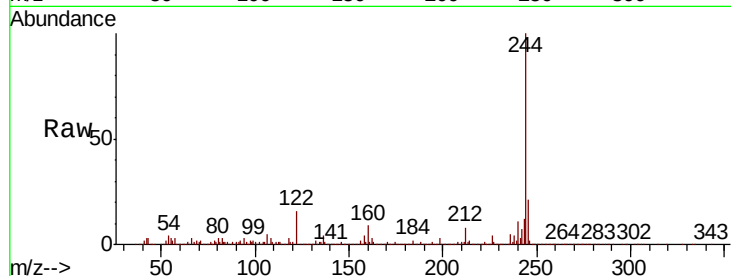
Tgt Ion:244 Resp: 2775618

Ion Ratio Lower Upper

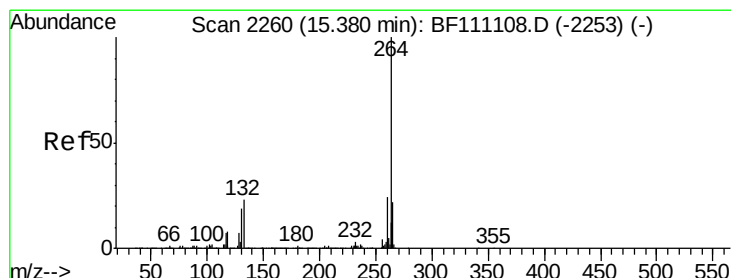
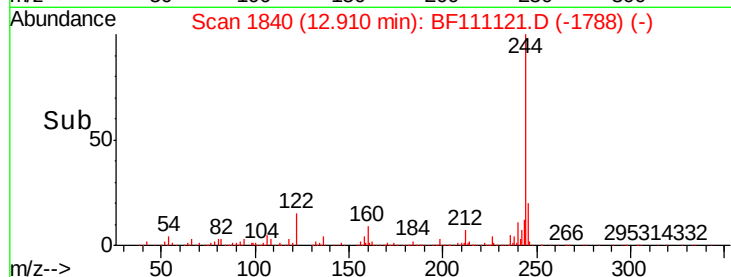
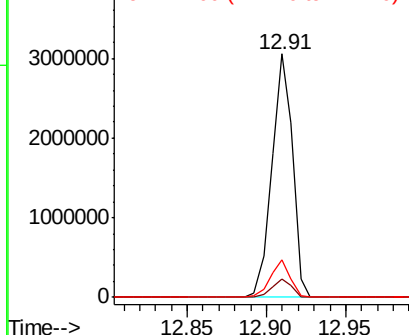
244 100

212 7.5 6.6 9.8

122 15.5 14.2 21.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111121.D

Acq: 5 Dec 2018 21:44

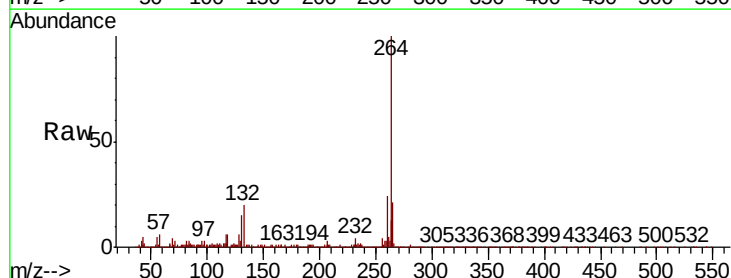
Tgt Ion:264 Resp: 646230

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.2 17.4 26.0



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

