

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110788.D
 Acq On : 15 Nov 2018 15:11
 Operator : JU/SJ
 Sample : J5950-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 16:17:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

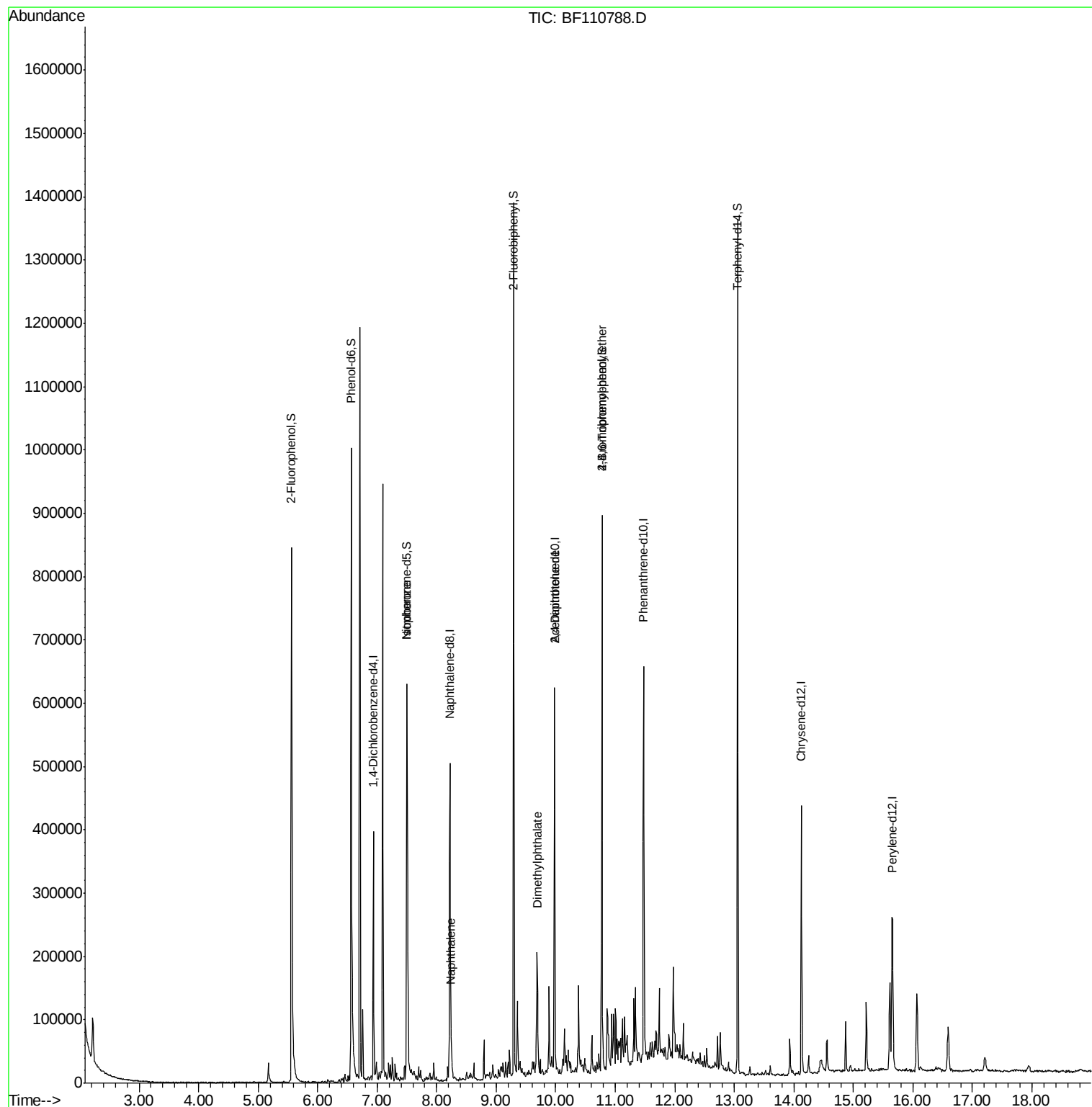
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58083	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	238425	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	114973	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	218558	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	148277	20.00	ng	-0.01
87) Perylene-d12	15.66	264	139250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	302078	84.48	ng	0.00
7) Phenol-d6	6.56	99	382075	83.56	ng	-0.01
23) Nitrobenzene-d5	7.50	82	232303	56.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.77	330	98483	85.01	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	392950	48.81	ng	-0.01
79) Terphenyl-d14	13.06	244	401957	50.77	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	283	Below Cal	Qvalue	# 1
25) Isophorone	7.50	82	232300	34.234 ng	#	67
31) Naphthalene	8.25	128	28587	2.554 ng		99
50) Dimethylphthalate	9.69	163	62329	7.265 ng		100
57) 2,4-Dinitrotoluene	9.98	165	15060	6.137 ng	#	18
67) 4-Bromophenyl-phenylether	10.77	248	6147	2.545 ng	#	1

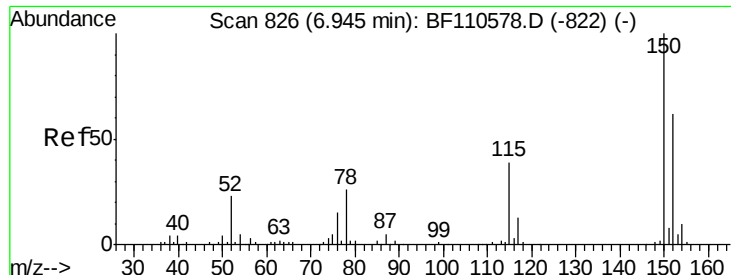
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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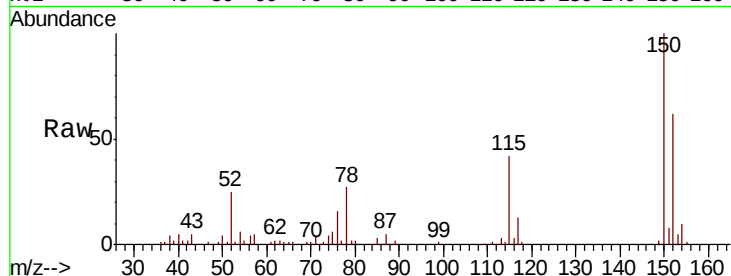




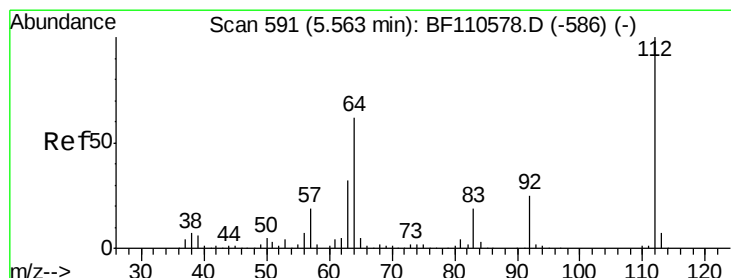
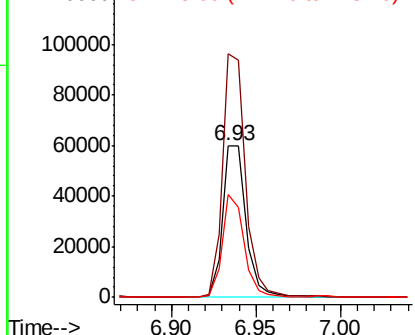
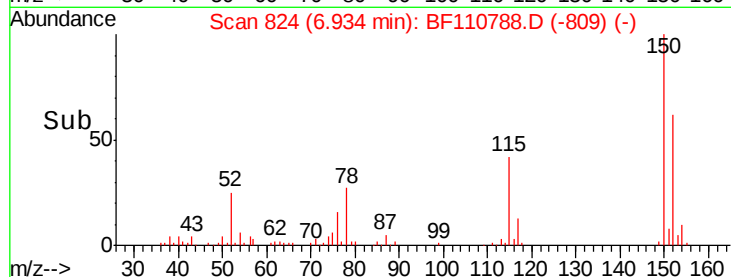
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF110788.D
 Acq: 15 Nov 2018 15:11

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 58083
 Ion Ratio Lower Upper
 152 100
 150 160.2 122.7 184.1
 115 67.5 49.1 73.7

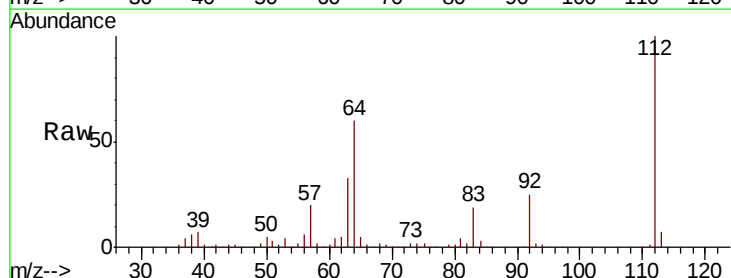


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

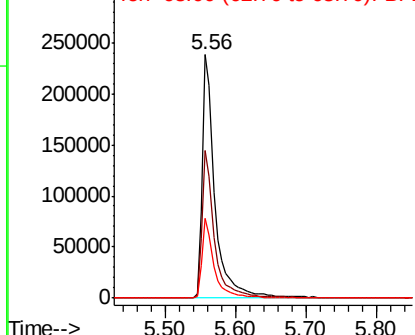
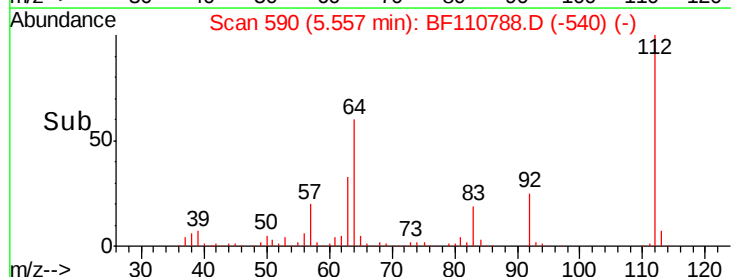


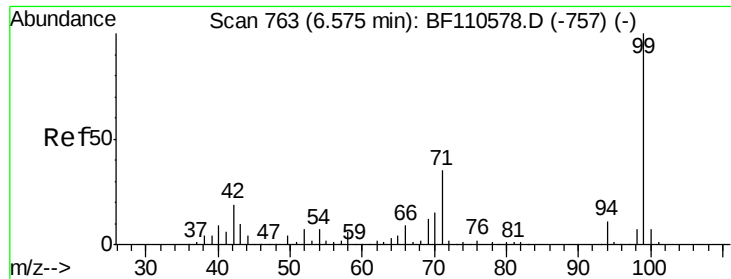
#5
 2-Fluorophenol
 Concen: 84.477 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110788.D
 Acq: 15 Nov 2018 15:11

Tgt Ion:112 Resp: 302078
 Ion Ratio Lower Upper
 112 100
 64 60.5 44.1 66.1
 63 32.7 23.7 35.5



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: 83.557 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110788.D

Acq: 15 Nov 2018 15:11

Instrument :

BNA_N

ClientSampled :

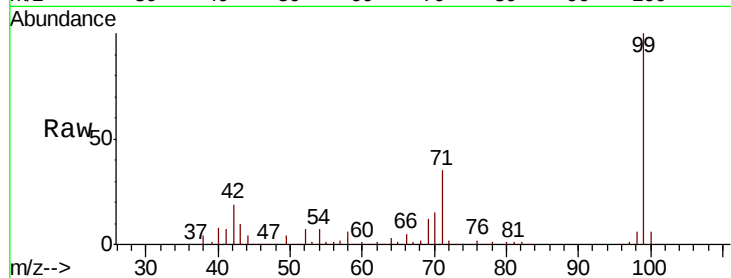
Tot Ion: 99 Resp: 382075

Ion Ratio Lower Upper

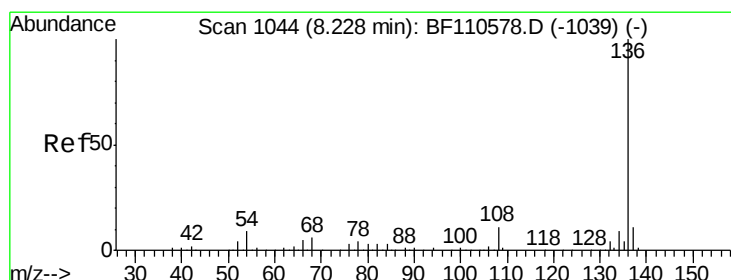
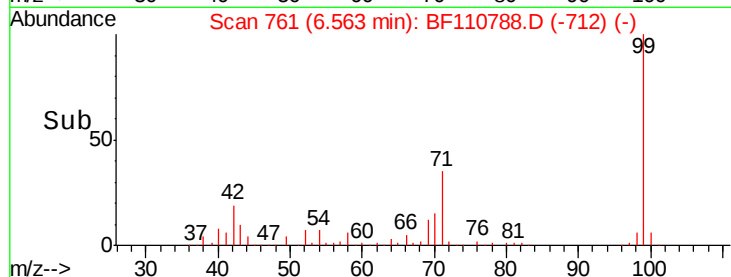
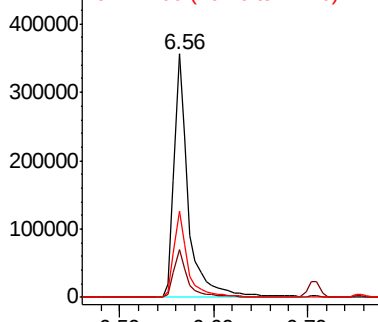
99 100

42 19.4 15.8 23.6

71 35.2 28.0 42.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110788.D

Acq: 15 Nov 2018 15:11

Tgt Ion: 136 Resp: 238425

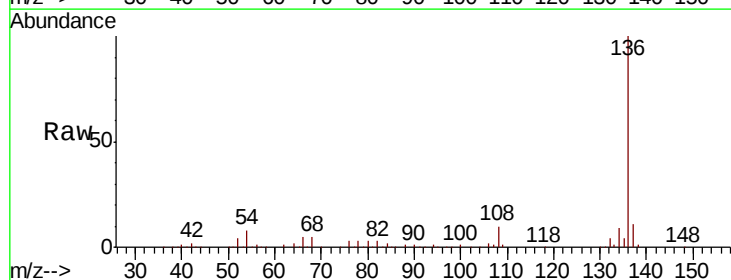
Ion Ratio Lower Upper

136 100

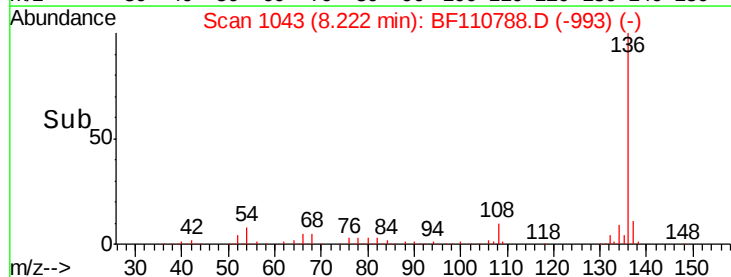
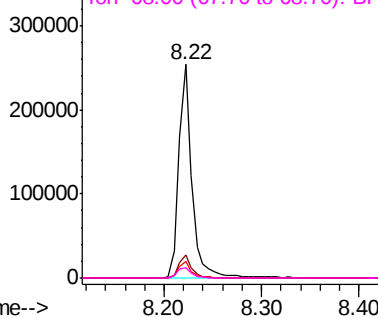
137 10.5 8.8 13.2

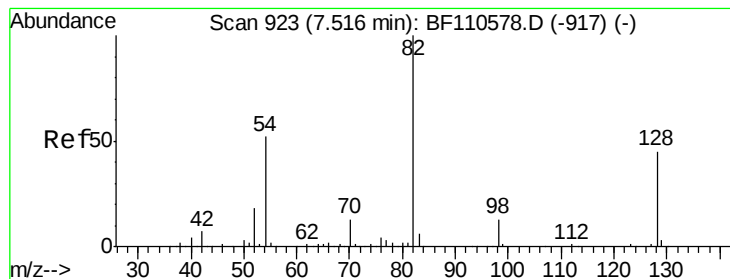
54 7.5 5.4 8.2

68 4.8 4.2 6.2



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





#23

Nitrobenzene-d5

Concen: 56.111 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF110788.D

Acq: 15 Nov 2018 15:11

Instrument :

BNA_N

ClientSampled :

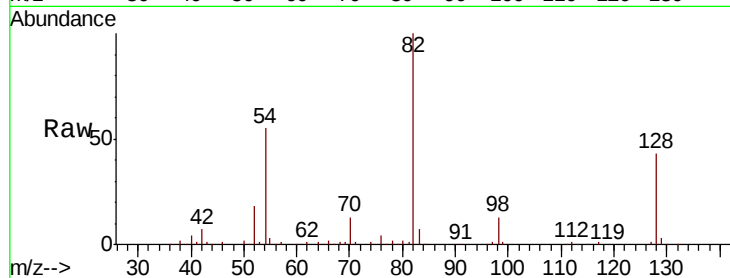
Tot Ion: 82 Resp: 232303

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.2

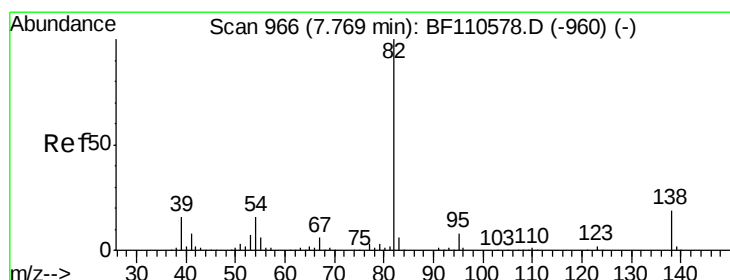
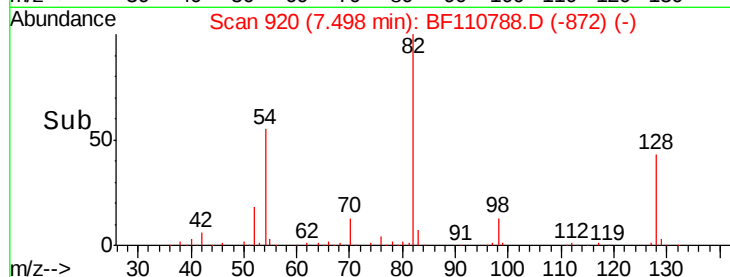
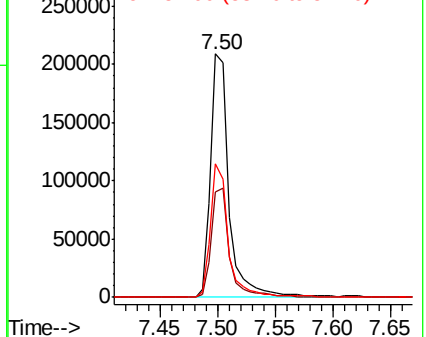
54 54.8 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 34.234 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.27 min

Lab File: BF110788.D

Acq: 15 Nov 2018 15:11

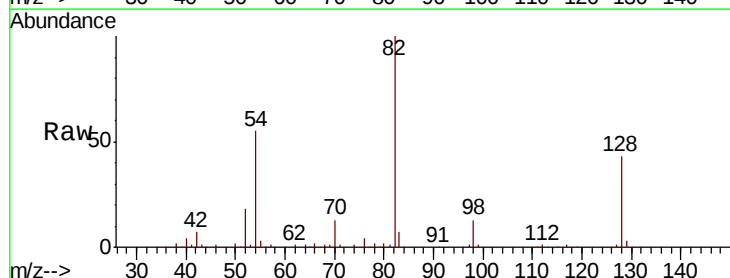
Tgt Ion: 82 Resp: 232300

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

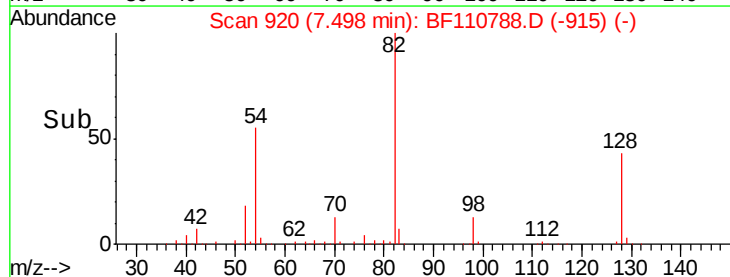
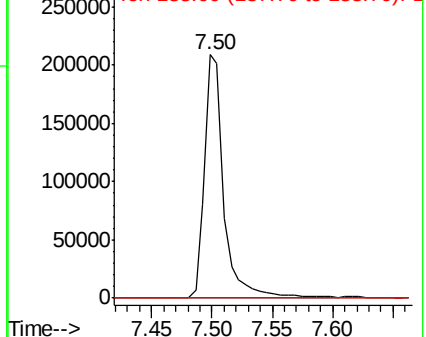
138 0.0 13.2 19.8#

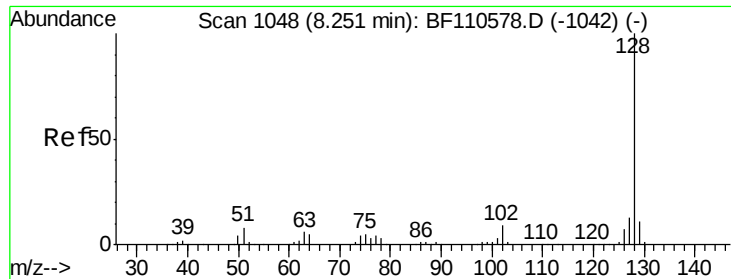


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

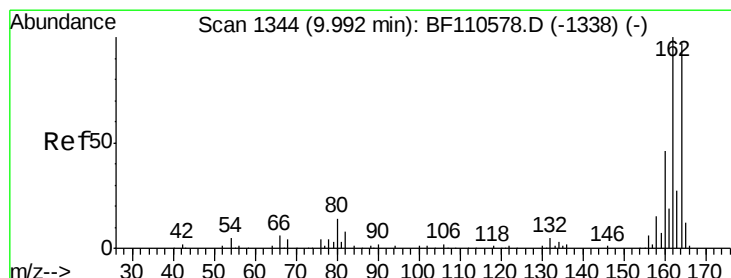
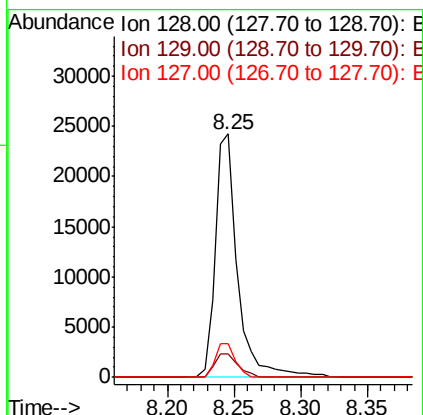
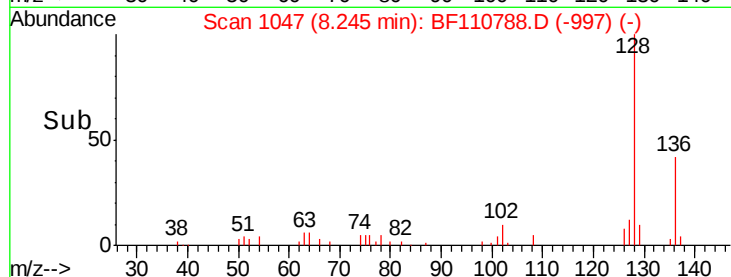
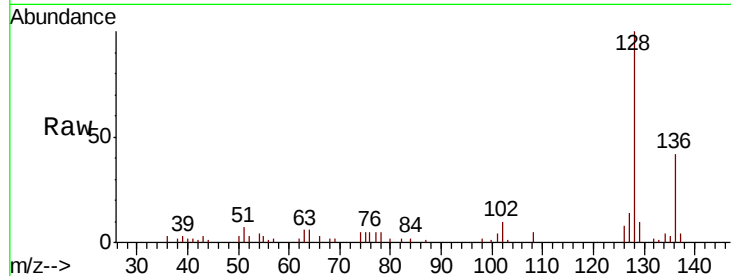




#31
Naphthalene
Concen: 2.554 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110788.D
Acq: 15 Nov 2018 15:11

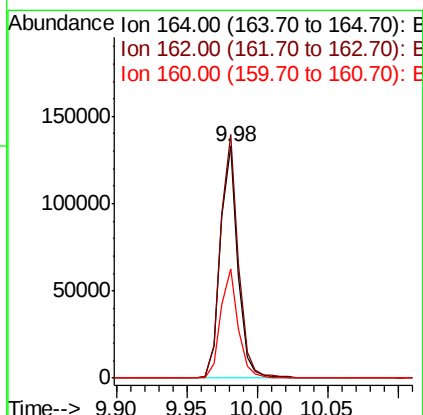
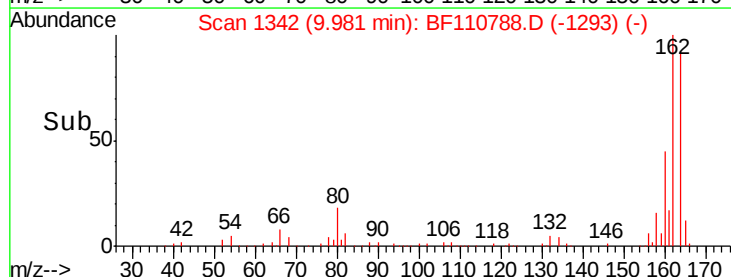
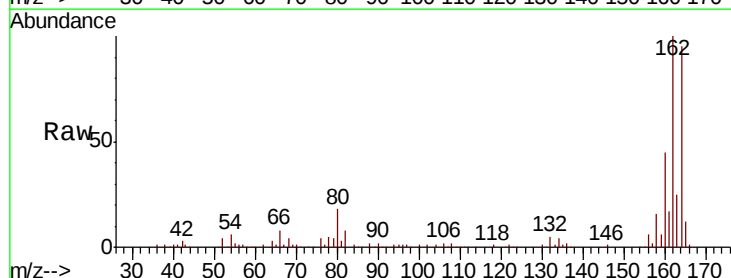
Instrument :
BNA_N
ClientSampleId :

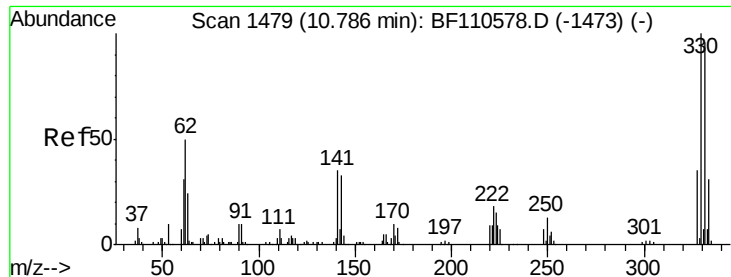
Tot Ion:128 Resp: 28587
Ion Ratio Lower Upper
128 100
129 9.9 8.8 13.2
127 13.6 10.8 16.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110788.D
Acq: 15 Nov 2018 15:11

Tgt Ion:164 Resp: 114973
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.6
160 47.0 37.0 55.6

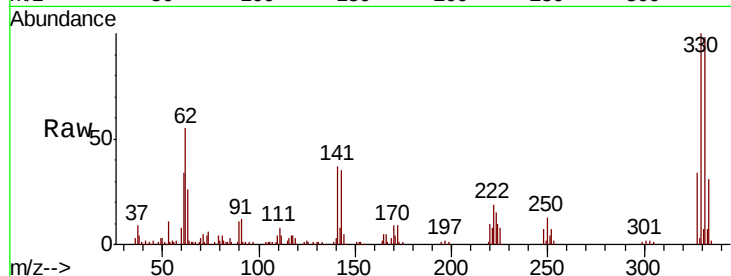




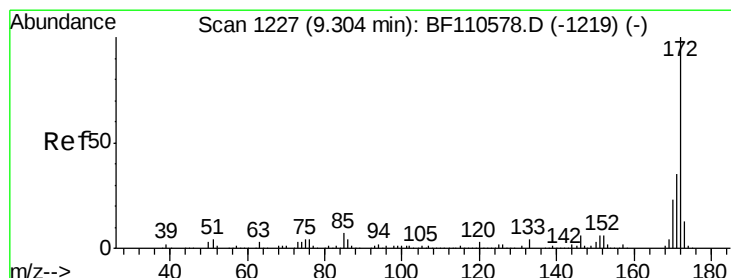
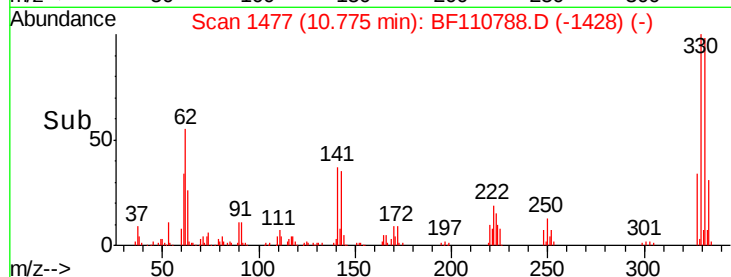
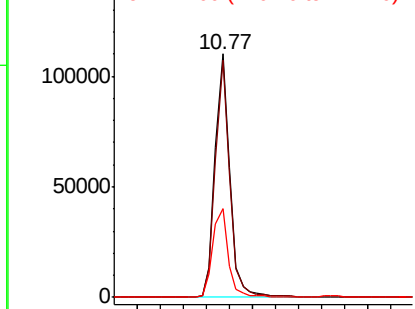
#42
 2,4,6-Tribromophenol
 Concen: 85.009 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110788.D
 Acq: 15 Nov 2018 15:11

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 98483
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 38.3 27.0 40.4

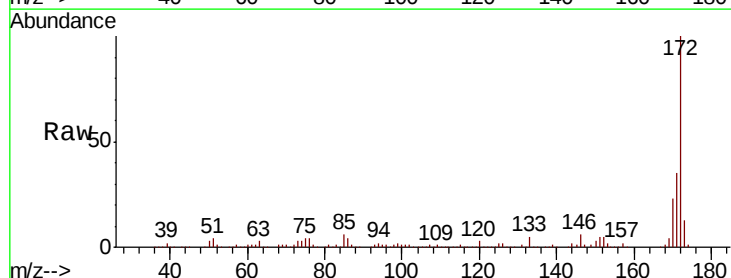


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

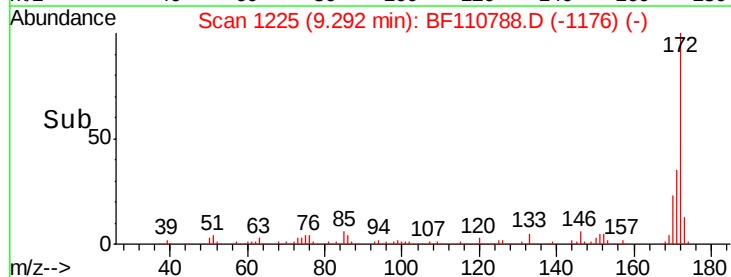
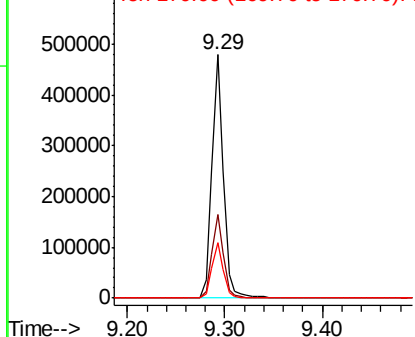


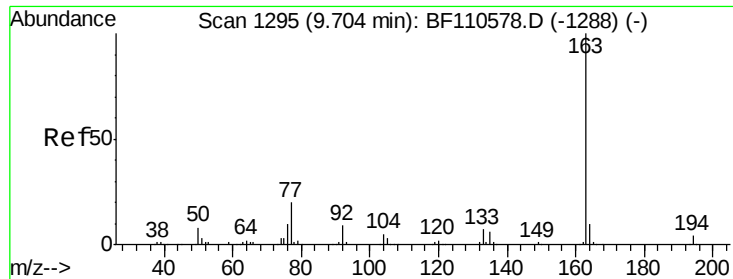
#45
 2-Fluorobiphenyl
 Concen: 48.812 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110788.D
 Acq: 15 Nov 2018 15:11

Tgt Ion:172 Resp: 392950
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 43.0
 170 22.9 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 600000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

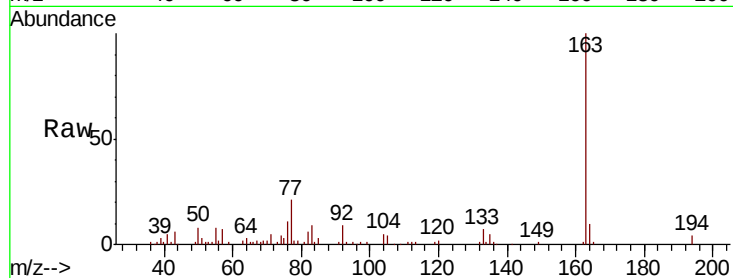




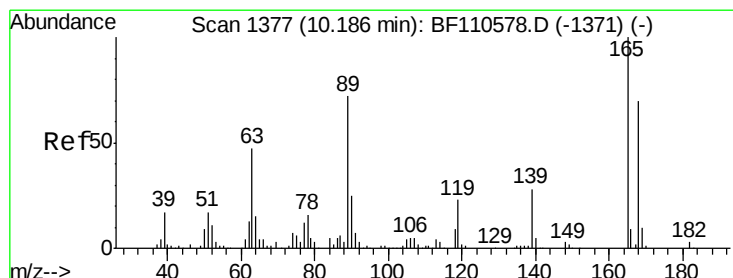
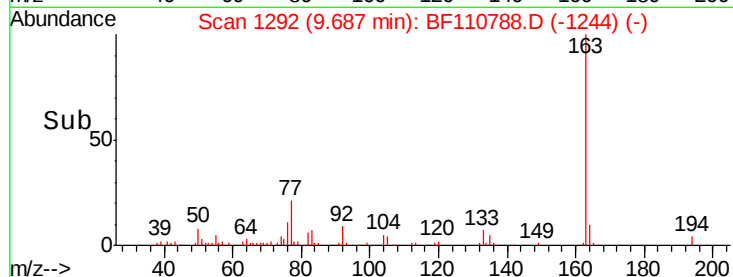
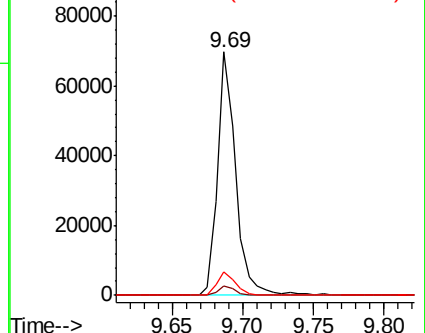
#50
Dimethylphthalate
Concen: 7.265 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110788.D
Acq: 15 Nov 2018 15:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 62329
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.1 12.1

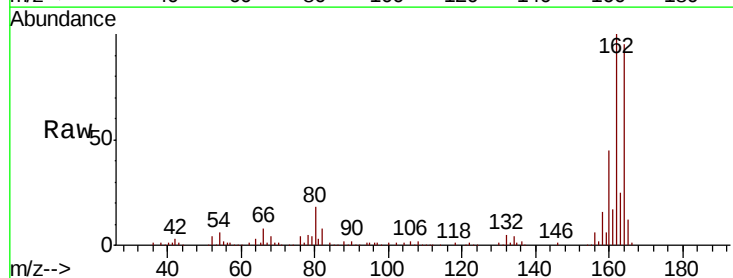


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

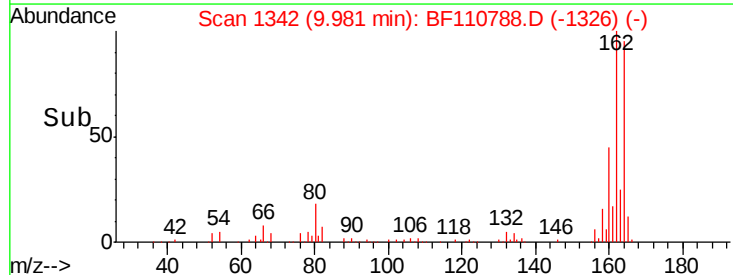
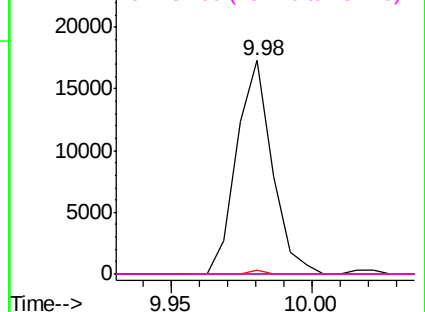


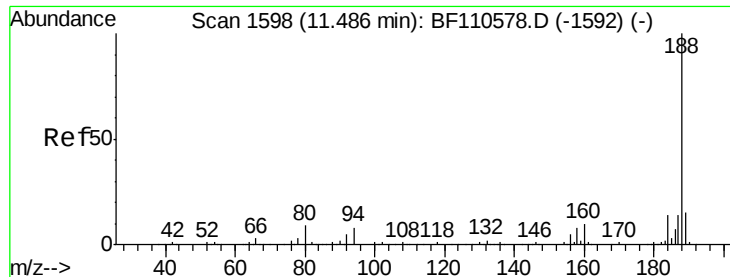
#57
2,4-Dinitrotoluene
Concen: 6.137 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110788.D
Acq: 15 Nov 2018 15:11

Tgt Ion:165 Resp: 15060
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 1.8 62.2 93.4#
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110788.D

Acq: 15 Nov 2018 15:11

Instrument :

BNA_N

ClientSampleId :

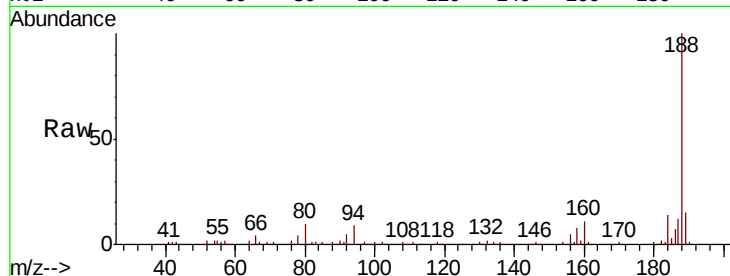
Tot Ion:188 Resp: 218558

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

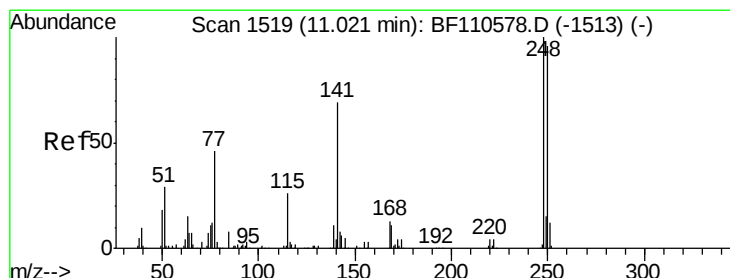
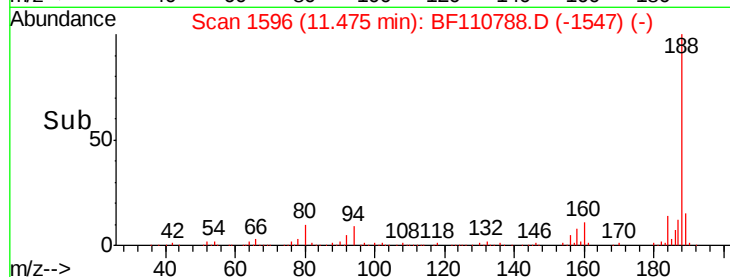
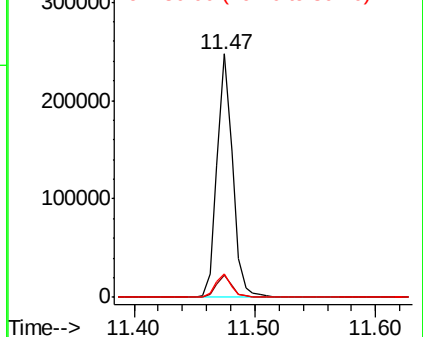
80 9.7 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 2.545 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.25 min

Lab File: BF110788.D

Acq: 15 Nov 2018 15:11

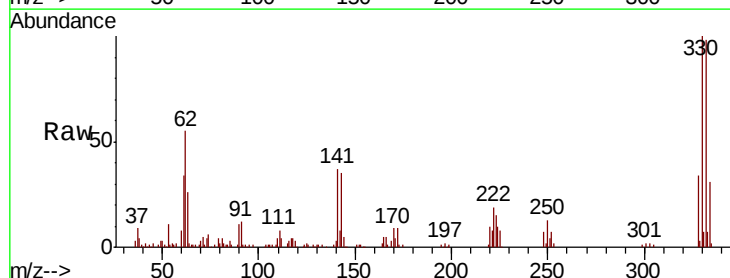
Tgt Ion:248 Resp: 6147

Ion Ratio Lower Upper

248 100

250 198.4 79.4 119.2#

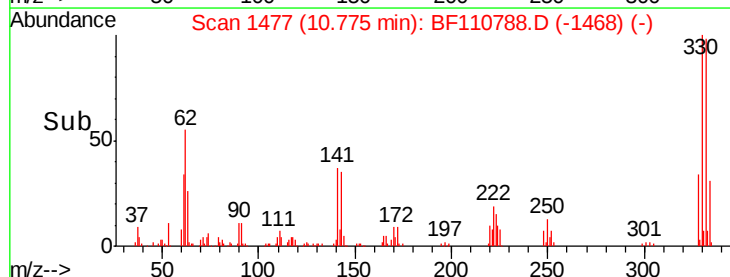
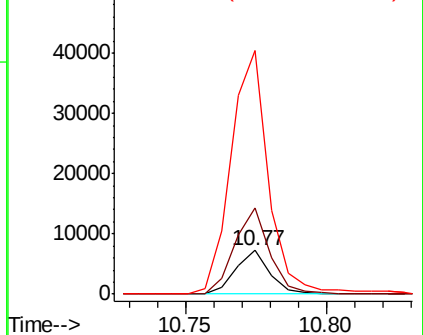
141 558.8 55.9 83.9#

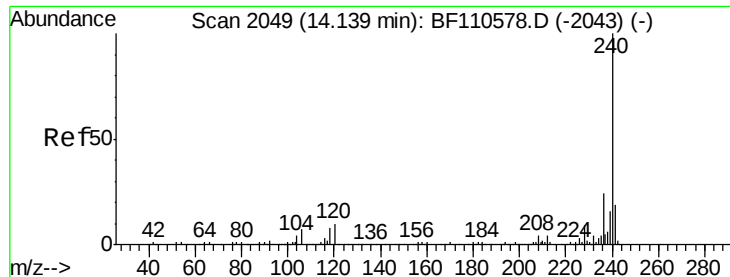


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110788.D

Acq: 15 Nov 2018 15:11

Instrument :

BNA_N

ClientSampleId :

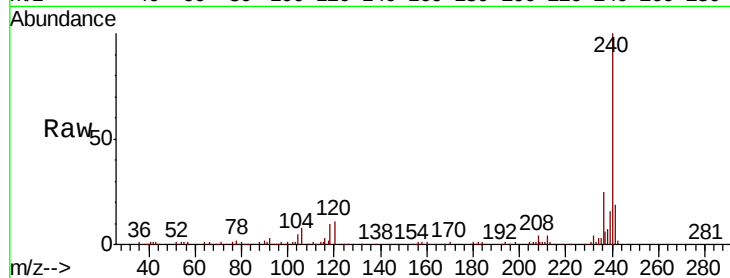
Tot Ion:240 Resp: 148277

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

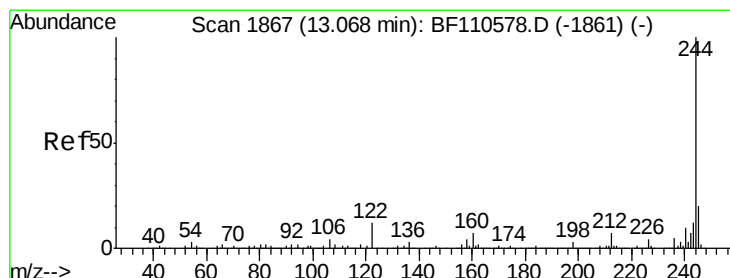
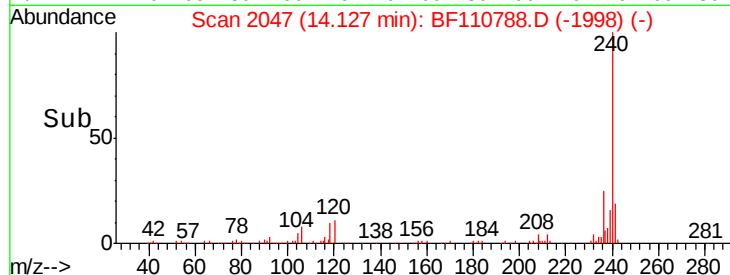
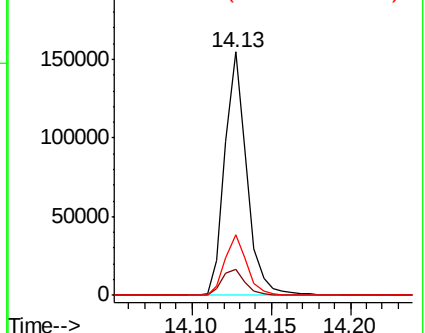
236 25.1 21.2 31.8



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: 50.768 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110788.D

Acq: 15 Nov 2018 15:11

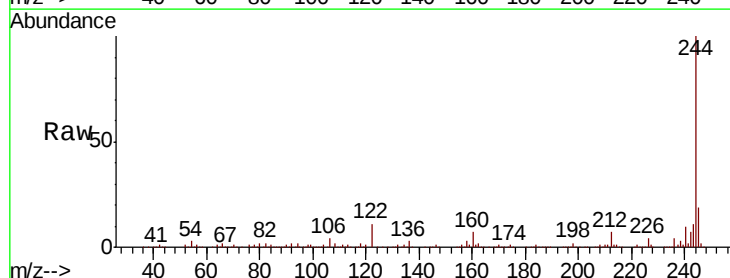
Tgt Ion:244 Resp: 401957

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

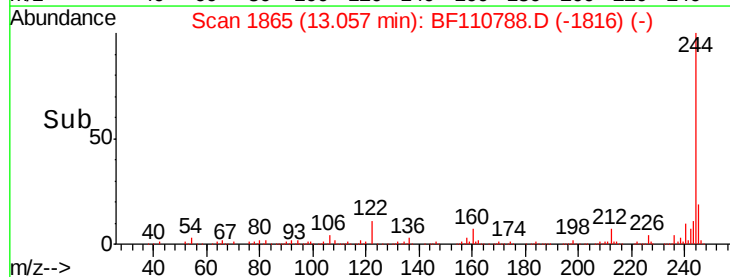
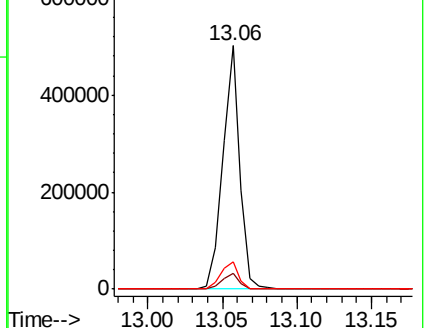
122 11.2 8.7 13.1

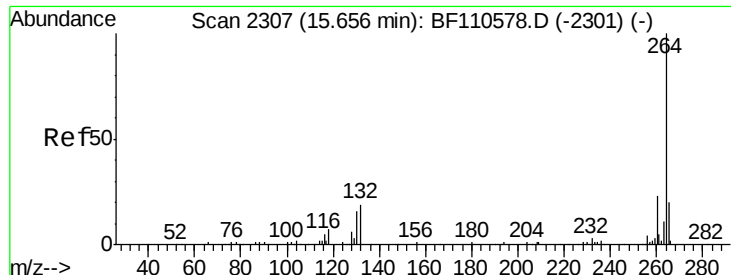


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

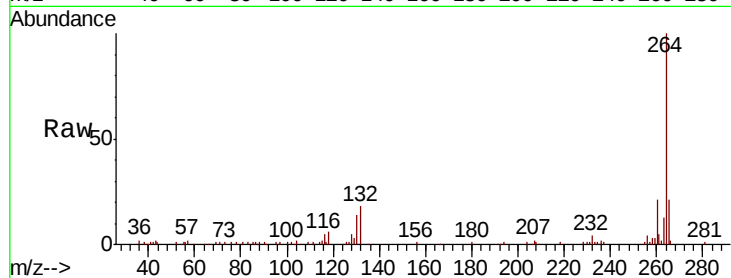




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110788.D
Acq: 15 Nov 2018 15:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.7	28.1
265	21.1	16.7	25.1



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

