

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109449.D
 Acq On : 28 Sep 2018 23:49
 Operator : JU/SJ
 Sample : J5149-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-2

Quant Time: Sep 29 02:15:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

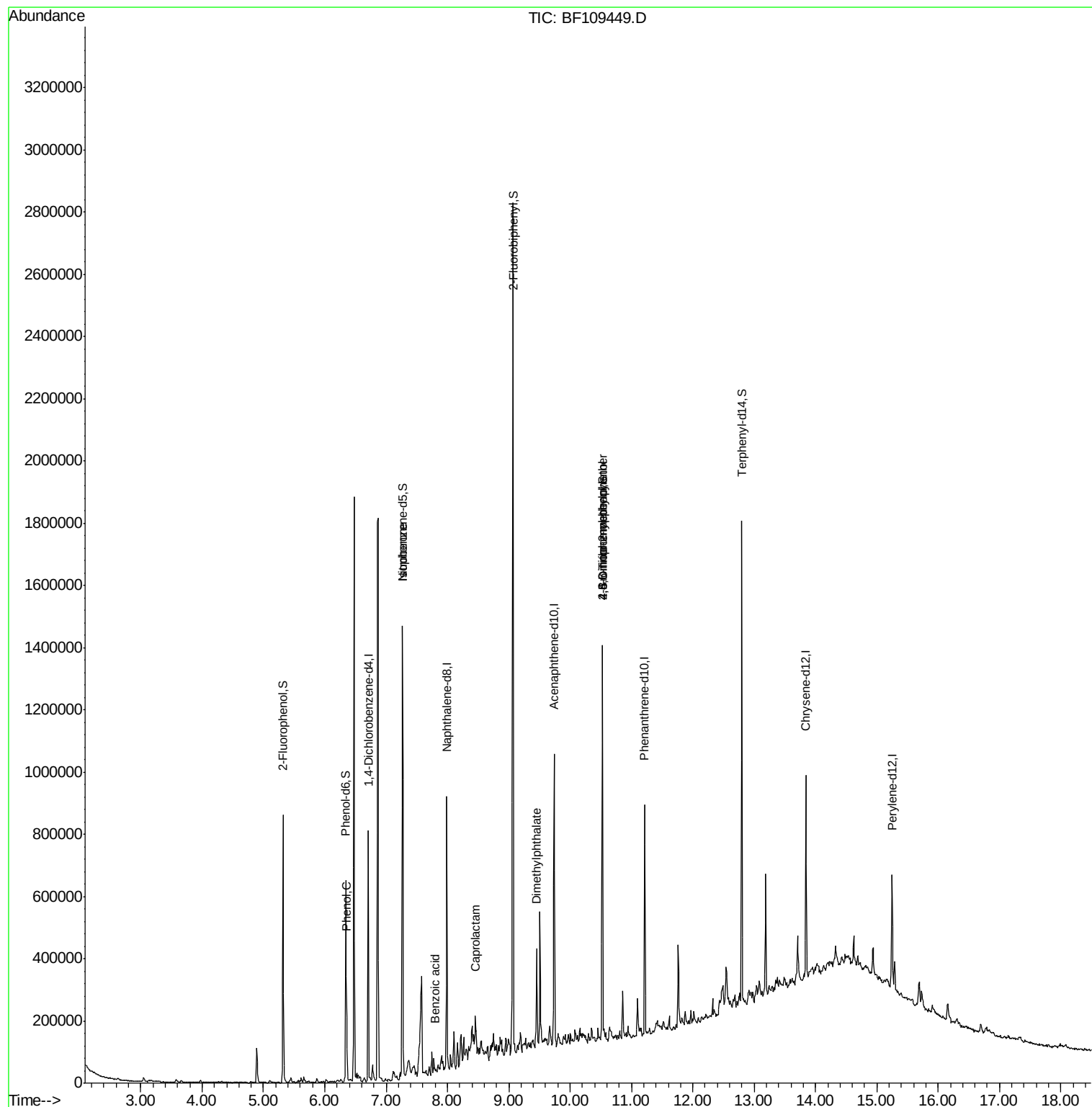
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	111850	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	402102	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	165326	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	262312	20.00	ng	0.00
75) Chrysene-d12	13.84	240	201338	20.00	ng	0.00
86) Perylene-d12	15.25	264	158782	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	257094	37.86	ng	0.00
7) Phenol-d6	6.35	99	191305	22.08	ng	-0.01
23) Nitrobenzene-d5	7.27	82	472959	69.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	144913	88.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	806469	73.57	ng	0.00
78) Terphenyl-d14	12.80	244	529534	64.55	ng	0.00
Target Compounds						
10) Phenol	6.36	94	39723	4.048	ng	96
25) Isophorone	7.27	82	414296	33.776	ng	# 64
32) Benzoic acid	7.79	122	124	6.826	ng	# 20
35) Caprolactam	8.45	113	6193	3.454	ng	# 18
49) Dimethylphthalate	9.46	163	104962	8.729	ng	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	297	6.764	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	8797	3.020	ng	# 1

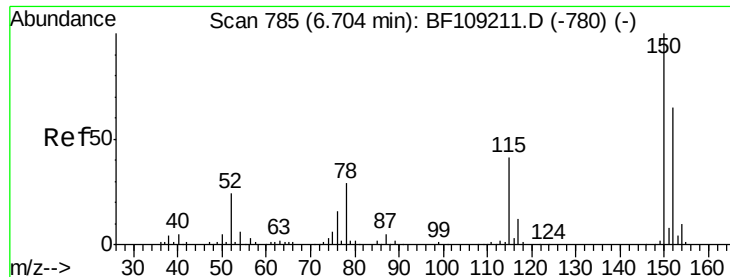
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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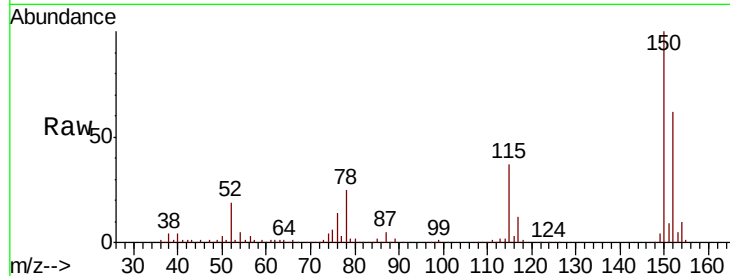


#1

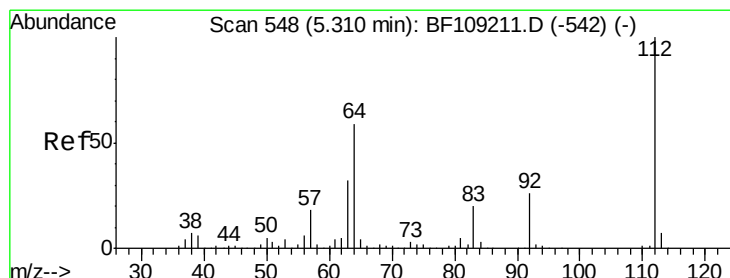
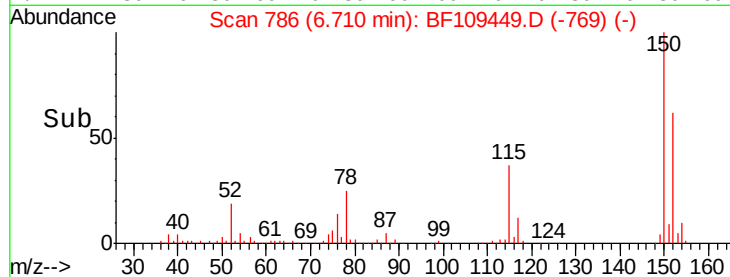
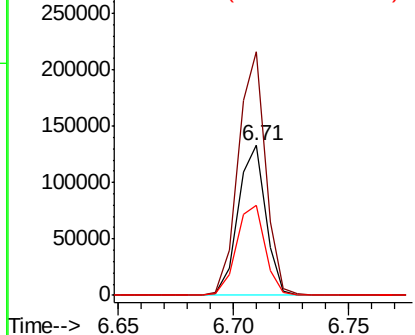
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF109449.D
 Acq: 28 Sep 2018 23:49

Instrument :
 BNA_F
 ClientSampled :
 WS-2

Tgt Ion:152 Resp: 111850
 Ion Ratio Lower Upper
 152 100
 150 162.3 124.6 186.8
 115 59.9 50.1 75.1



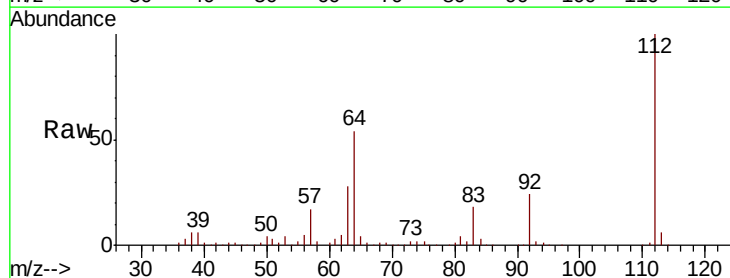
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



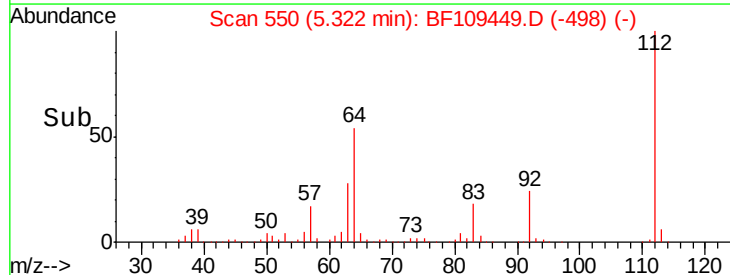
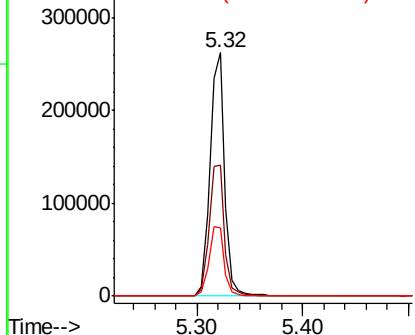
#5

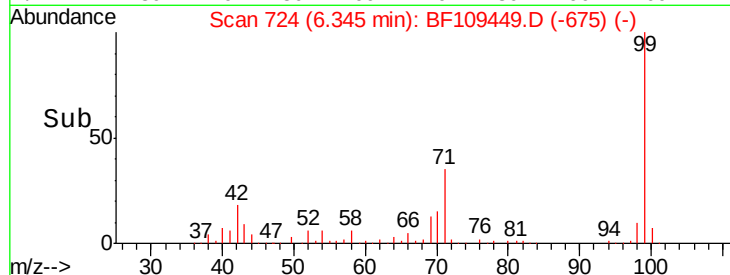
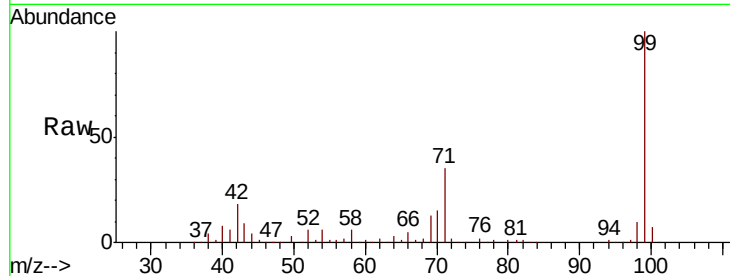
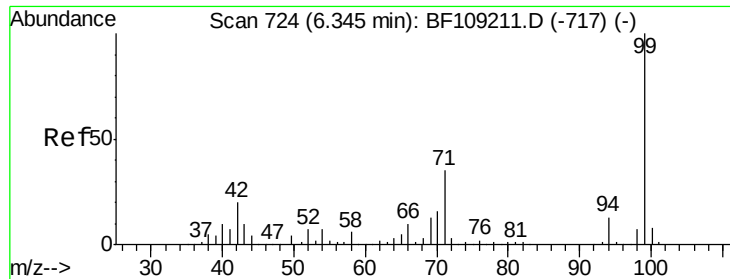
2-Fluorophenol
 Concen: 37.859 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109449.D
 Acq: 28 Sep 2018 23:49

Tgt Ion:112 Resp: 257094
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.9 71.9
 63 28.0 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: 22.077 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109449.D

Acq: 28 Sep 2018 23:49

Instrument :

BNA_F

ClientSampleId :

WS-2

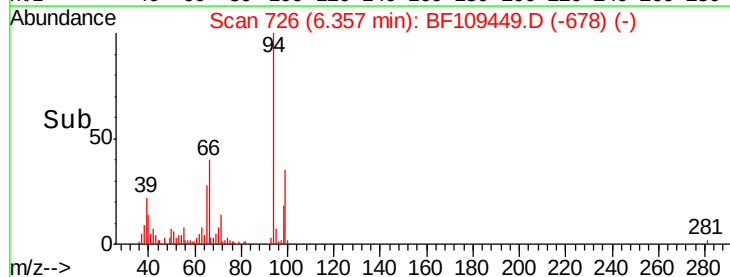
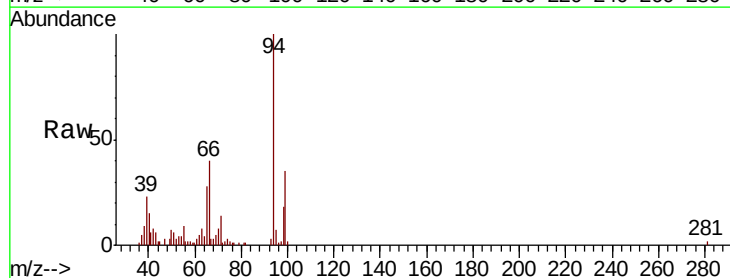
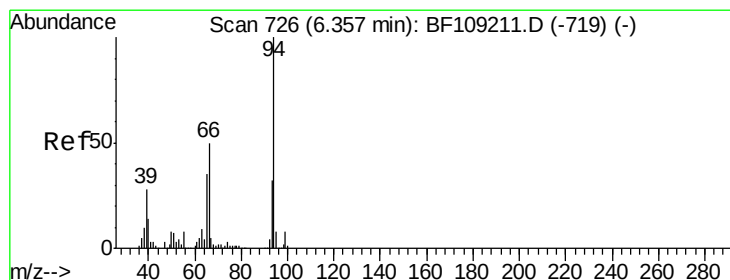
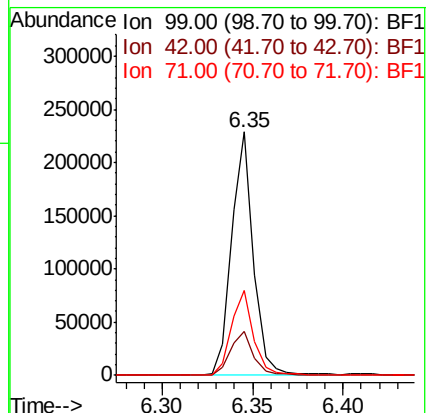
Tgt Ion: 99 Resp: 191305

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 35.0 25.4 38.0



#10

Phenol

Concen: 4.048 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109449.D

Acq: 28 Sep 2018 23:49

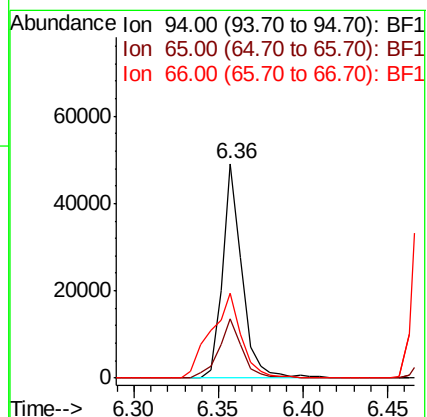
Tgt Ion: 94 Resp: 39723

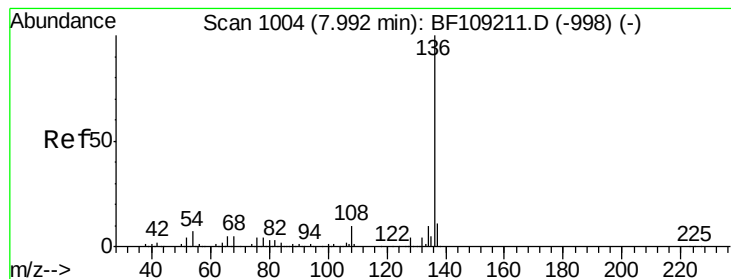
Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 39.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF109449.D

Acq: 28 Sep 2018 23:49

Instrument :

BNA_F

ClientSampleId :

WS-2

Tgt Ion:136 Resp: 402102

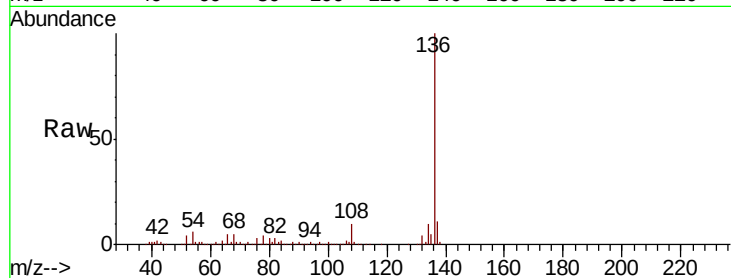
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

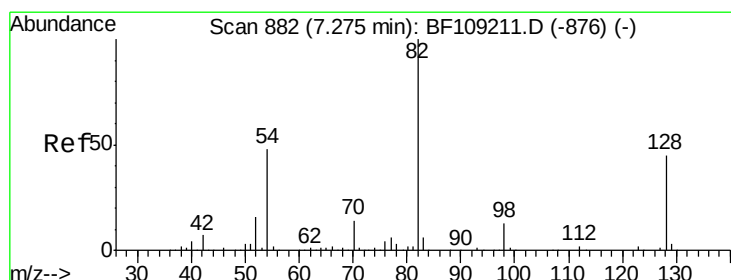
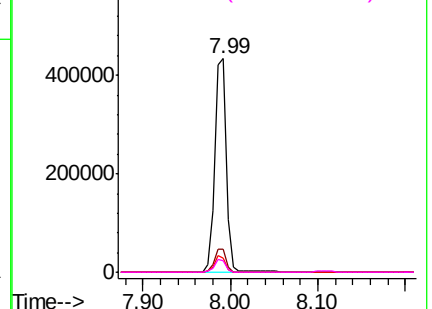
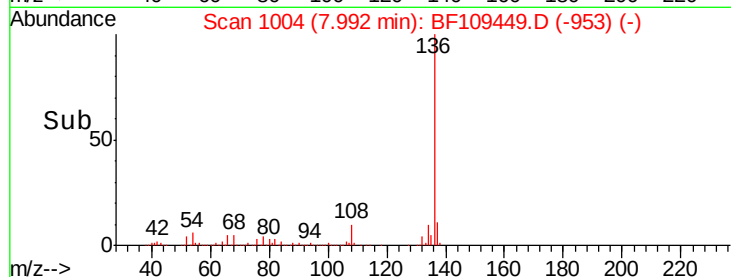


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 69.434 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109449.D

Acq: 28 Sep 2018 23:49

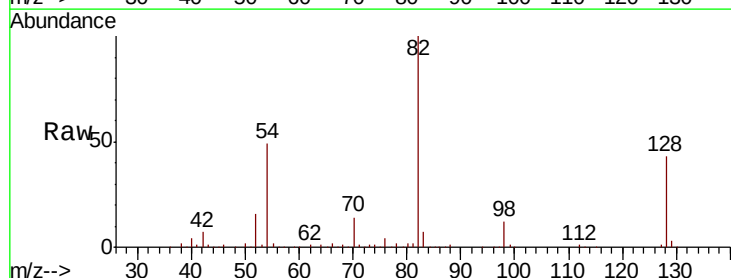
Tgt Ion: 82 Resp: 472959

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

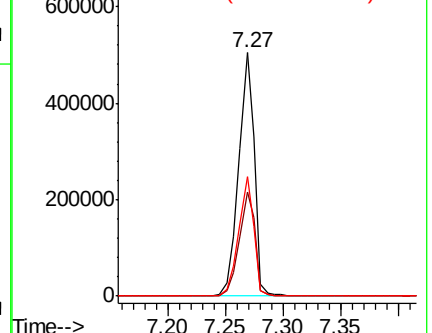
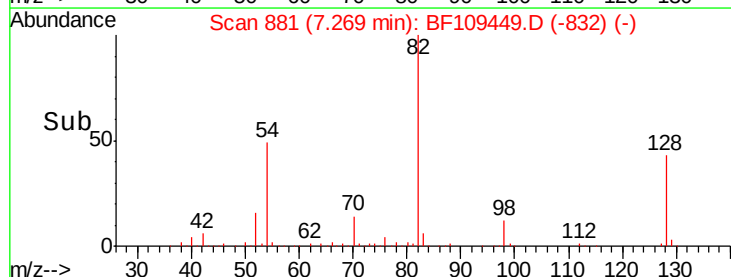
54 49.1 41.4 62.2

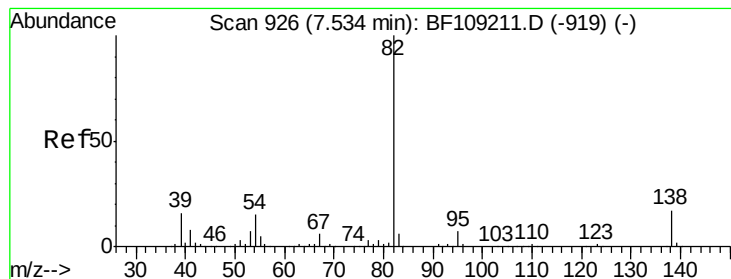


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.776 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109449.D

Acq: 28 Sep 2018 23:49

Instrument :

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ClientSampleId :

WS-2

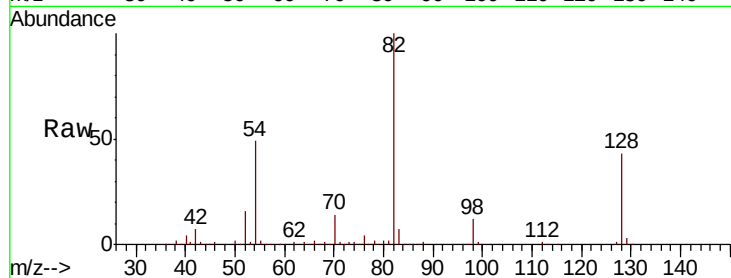
Tgt Ion: 82 Resp: 414296

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

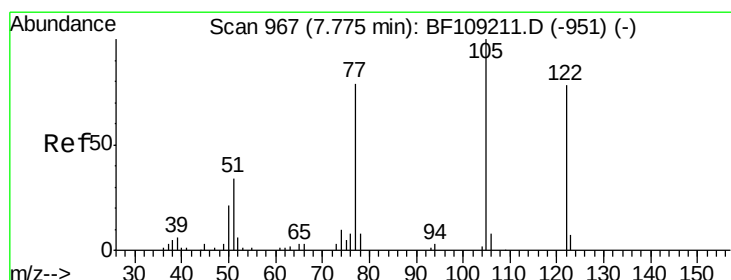
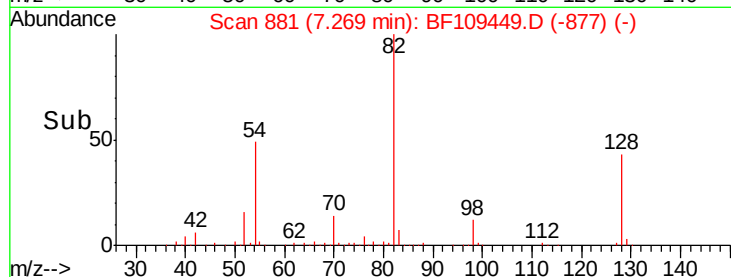
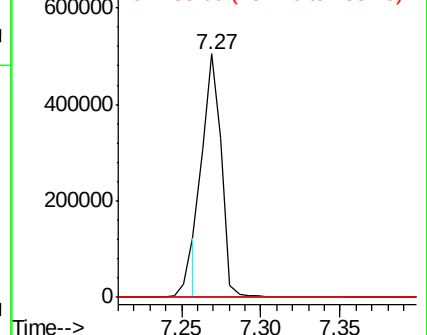
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.826 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF109449.D

Acq: 28 Sep 2018 23:49

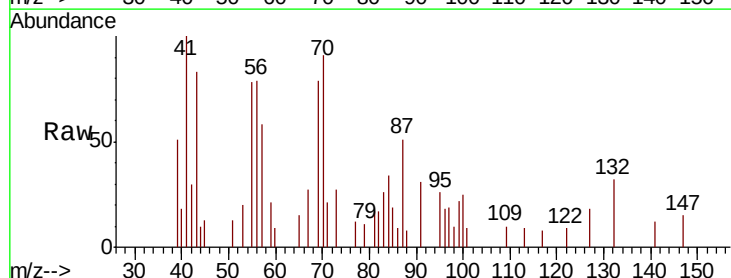
Tgt Ion: 122 Resp: 124

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

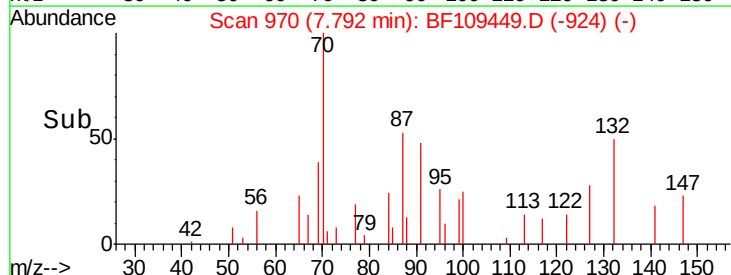
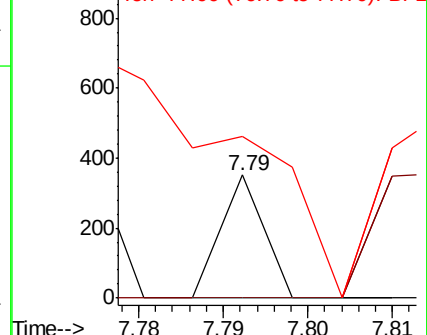
77 131.5 70.7 110.7#

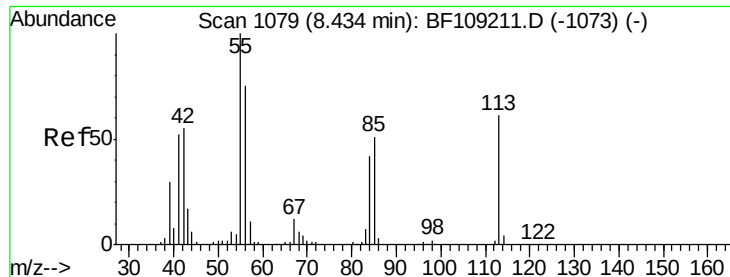


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

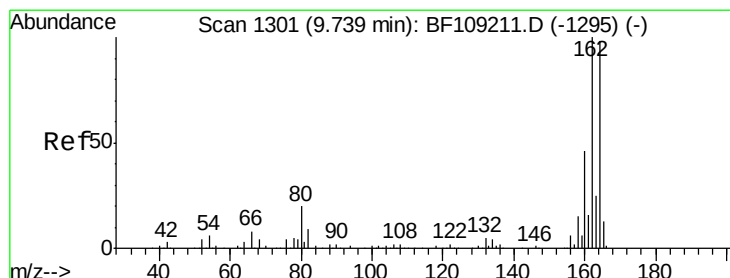
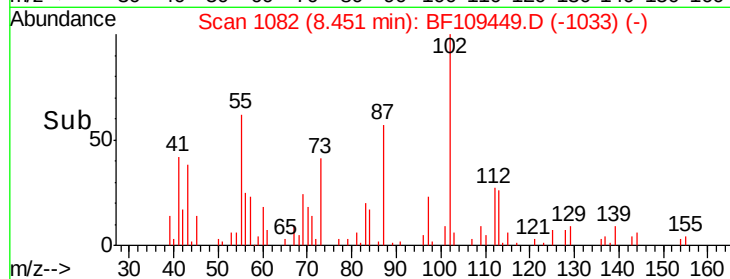
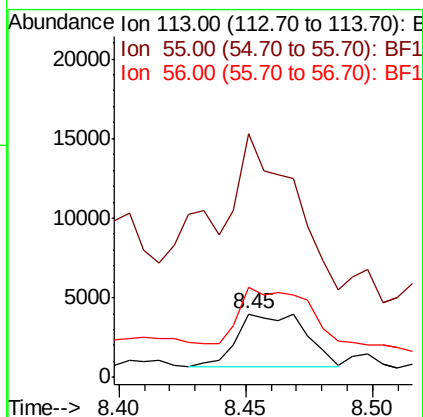
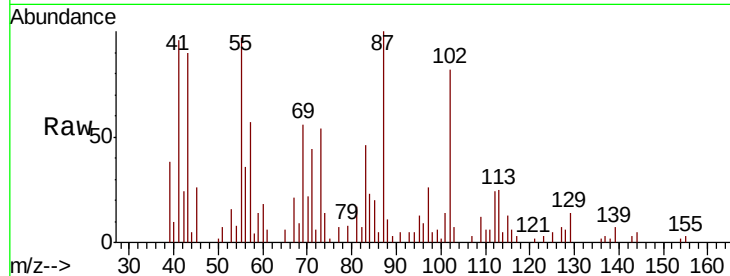




#35
 Caprolactam
 Concen: 3.454 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF109449.D
 Acq: 28 Sep 2018 23:49

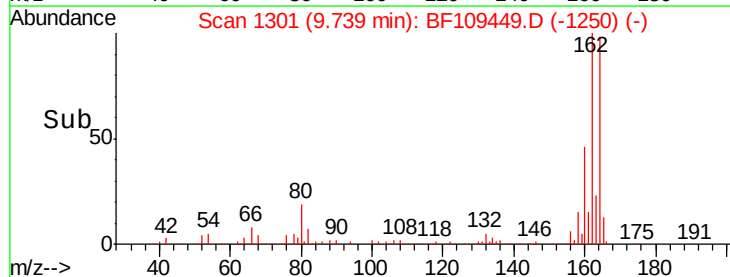
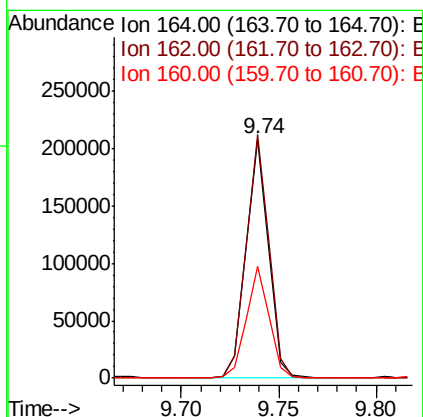
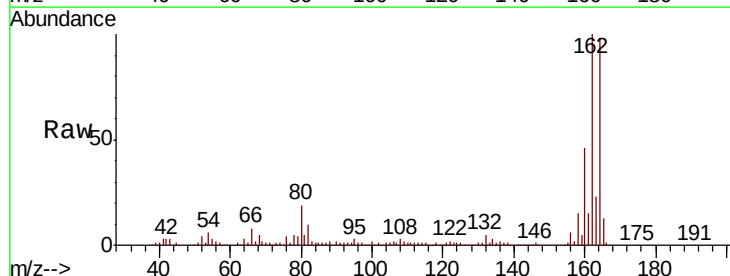
Instrument :
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 ClientSampleID :
 WS-2

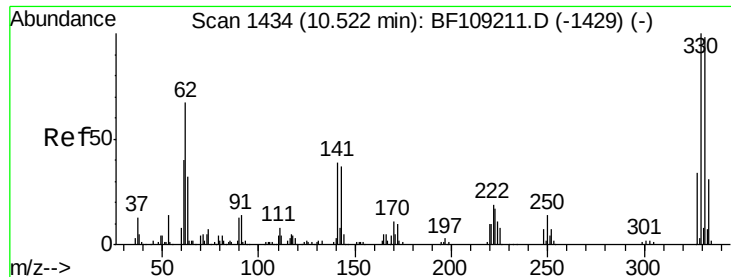
Tgt Ion:113 Resp: 6193
 Ion Ratio Lower Upper
 113 100
 55 382.3 163.3 203.3#
 56 141.5 115.7 155.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109449.D
 Acq: 28 Sep 2018 23:49

Tgt Ion:164 Resp: 165326
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.8 38.3 57.5

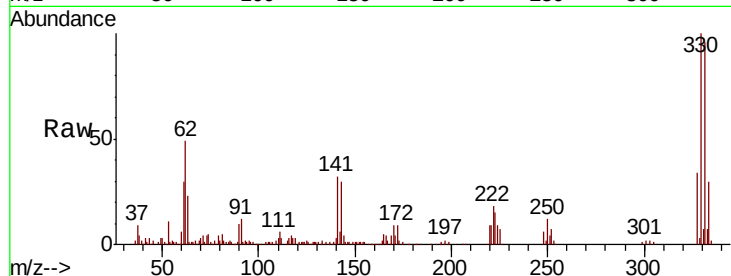




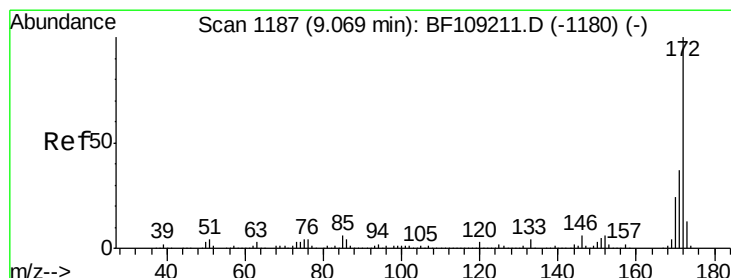
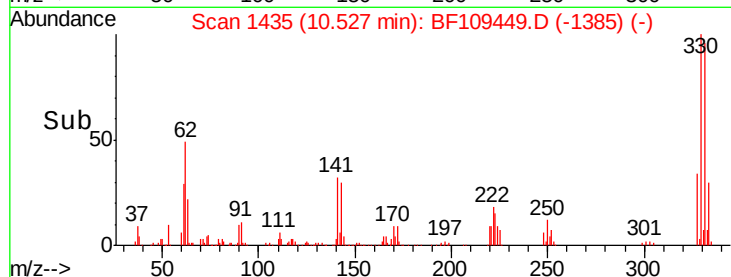
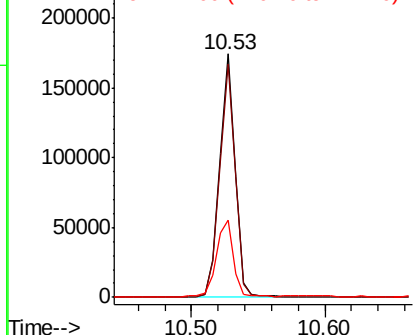
#41
 2,4,6-Tribromophenol
 Concen: 88.916 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109449.D
 Acq: 28 Sep 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 WS-2

Tgt Ion:330 Resp: 144913
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 34.0 29.9 44.9

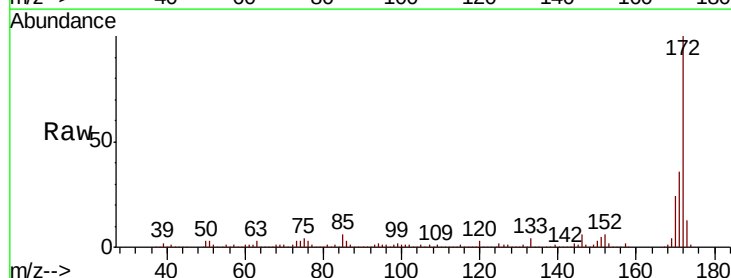


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

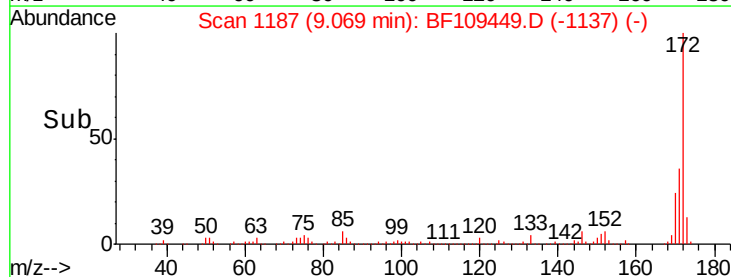
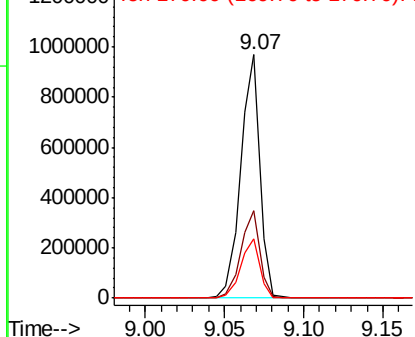


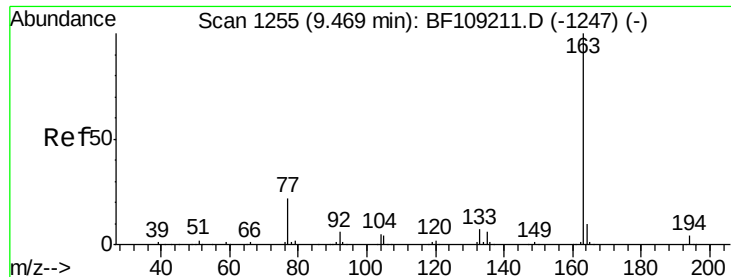
#44
 2-Fluorobiphenyl
 Concen: 73.570 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109449.D
 Acq: 28 Sep 2018 23:49

Tgt Ion:172 Resp: 806469
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 19.6 29.4



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

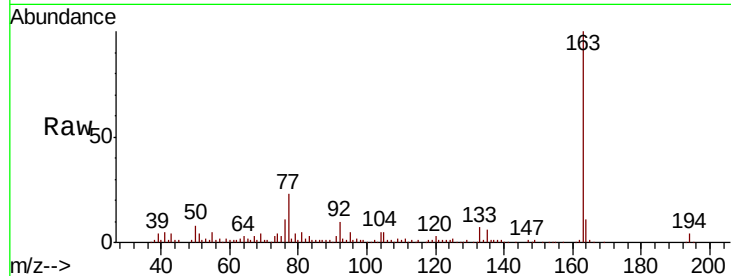




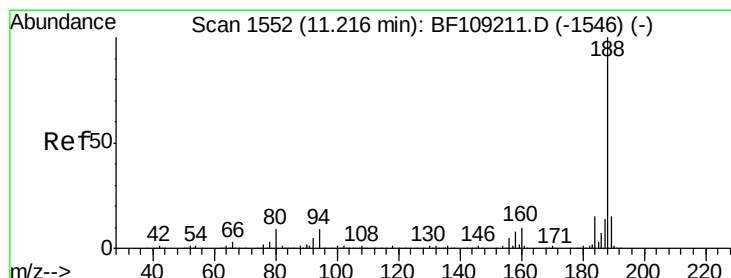
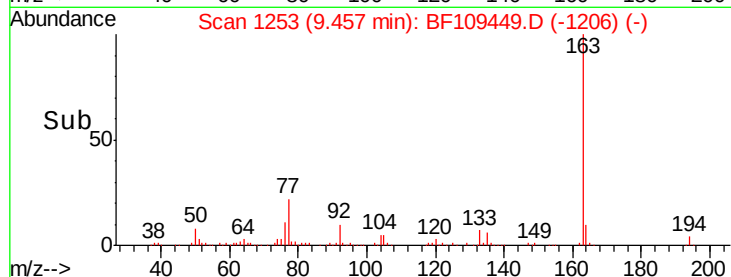
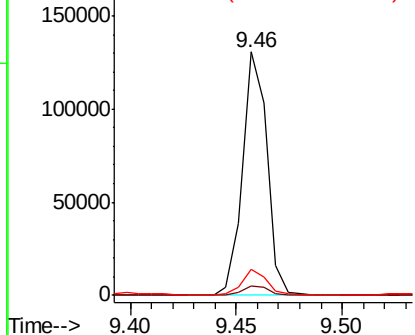
#49
Dimethylphthalate
Concen: 8.729 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109449.D
Acq: 28 Sep 2018 23:49

Instrument :
BNA_F
ClientSampleId :
WS-2

Tgt Ion:163 Resp: 104962
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.7 8.2 12.2

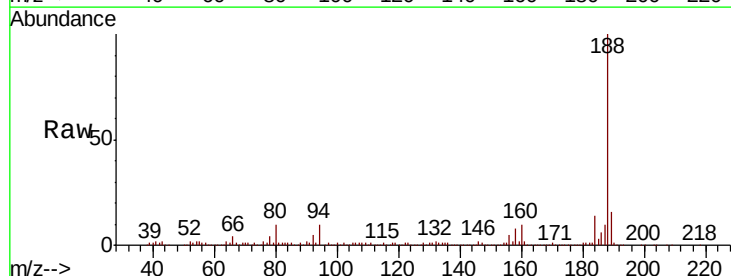


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

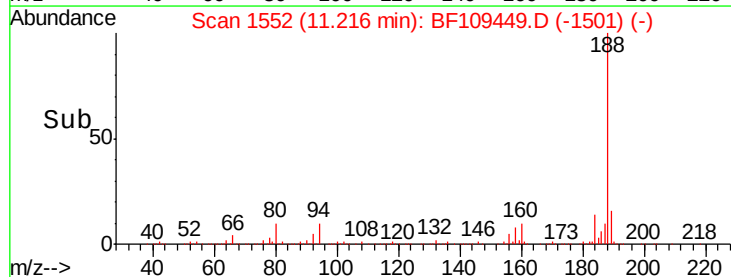
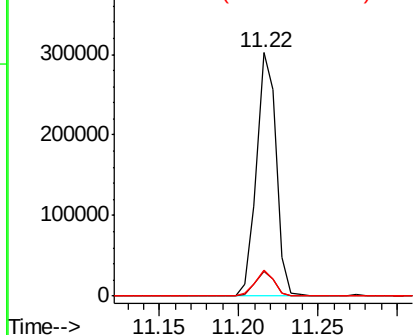


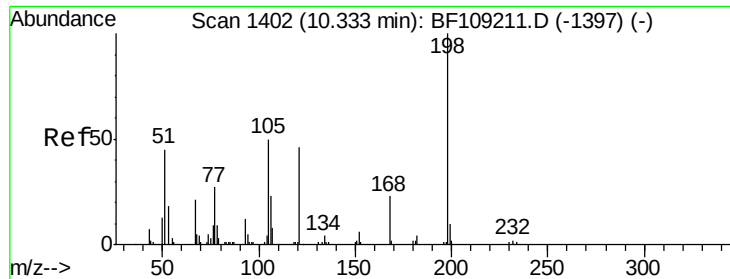
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109449.D
Acq: 28 Sep 2018 23:49

Tgt Ion:188 Resp: 262312
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8



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

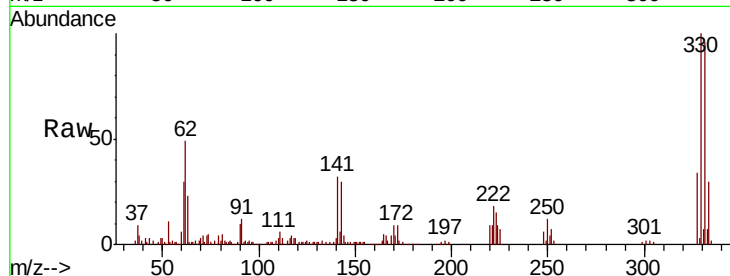




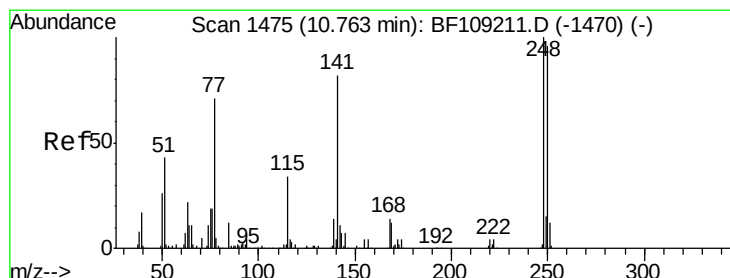
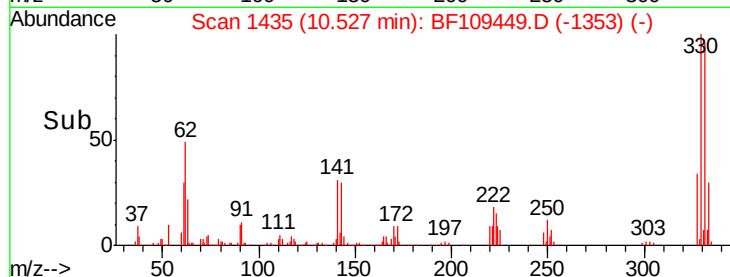
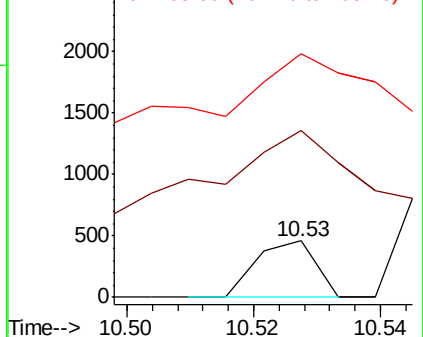
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.764 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.18 min
 Lab File: BF109449.D
 Acq: 28 Sep 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 WS-2

Tgt Ion:198 Resp: 297
 Ion Ratio Lower Upper
 198 100
 51 294.4 37.7 77.7#
 105 429.2 36.3 76.3#

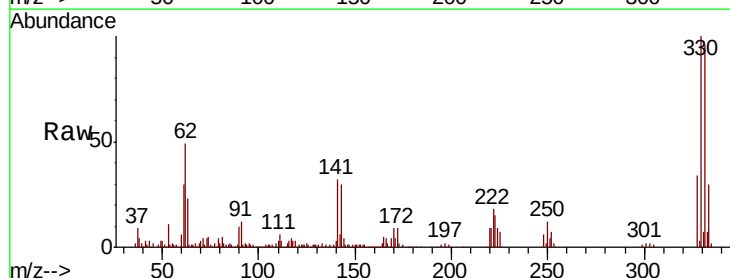


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

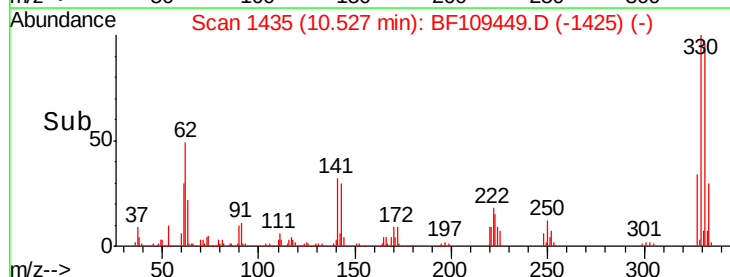
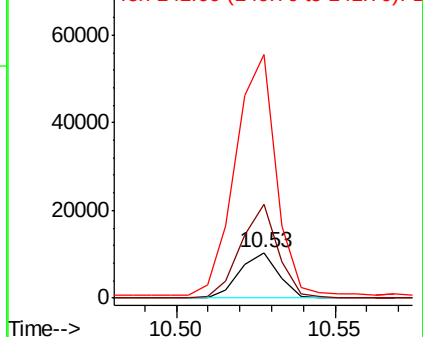


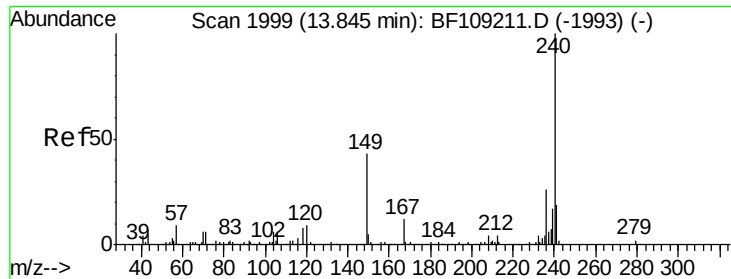
#66
 4-Bromophenyl-phenylether
 Concen: 3.020 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF109449.D
 Acq: 28 Sep 2018 23:49

Tgt Ion:248 Resp: 8797
 Ion Ratio Lower Upper
 248 100
 250 204.3 76.9 115.3#
 141 531.1 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109449.D

Acq: 28 Sep 2018 23:49

Instrument :

BNA_F

ClientSampleId :

WS-2

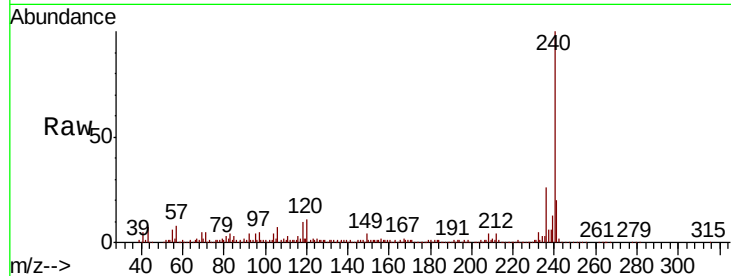
Tgt Ion:240 Resp: 201338

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

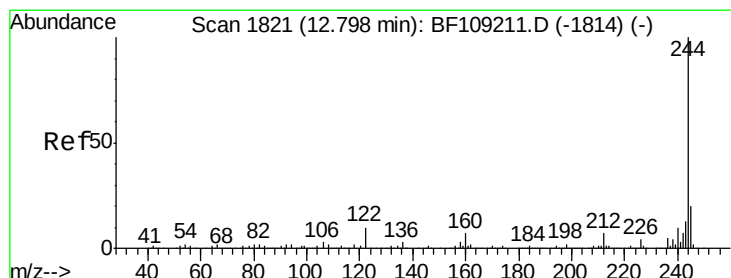
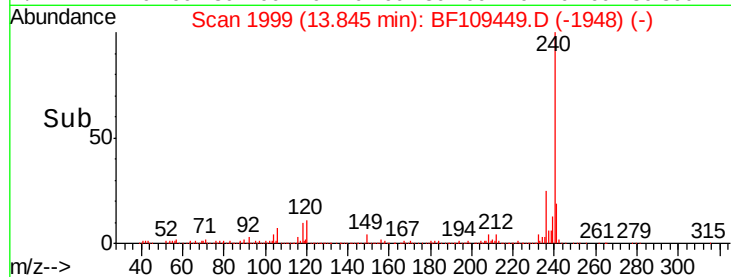
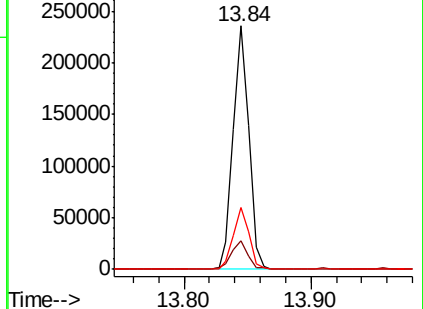
236 25.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 64.546 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109449.D

Acq: 28 Sep 2018 23:49

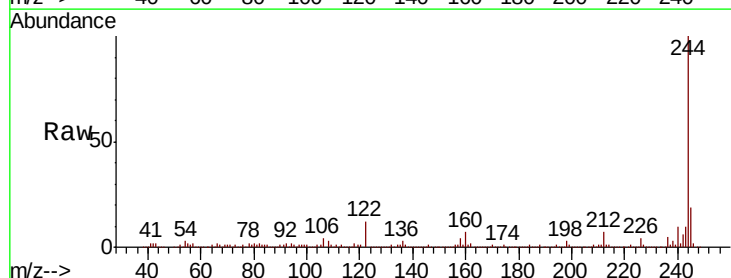
Tgt Ion:244 Resp: 529534

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

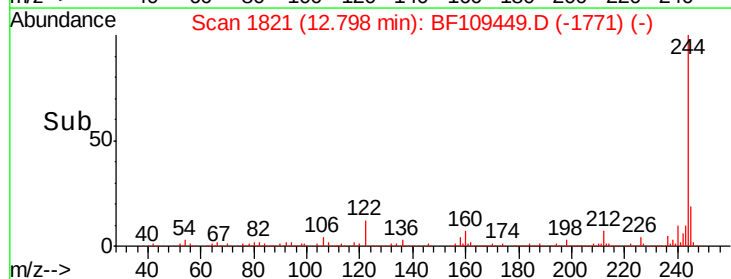
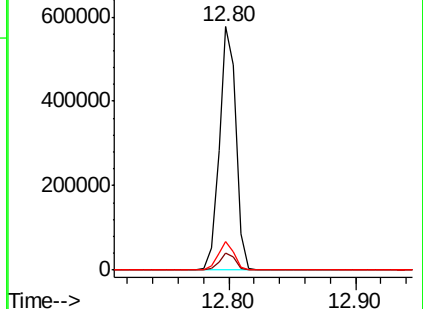
122 11.9 11.0 16.4

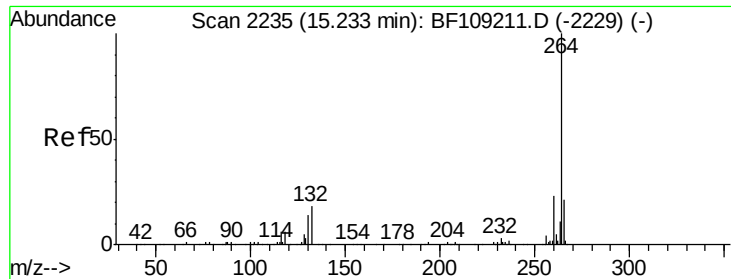


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109449.D
Acq: 28 Sep 2018 23:49

Instrument :
BNA_F
ClientSampleId :
WS-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3

