

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109776.D
 Acq On : 11 Oct 2018 7:38
 Operator : JU/SJ
 Sample : J5326-38
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-1-STONE

Quant Time: Oct 11 08:18:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

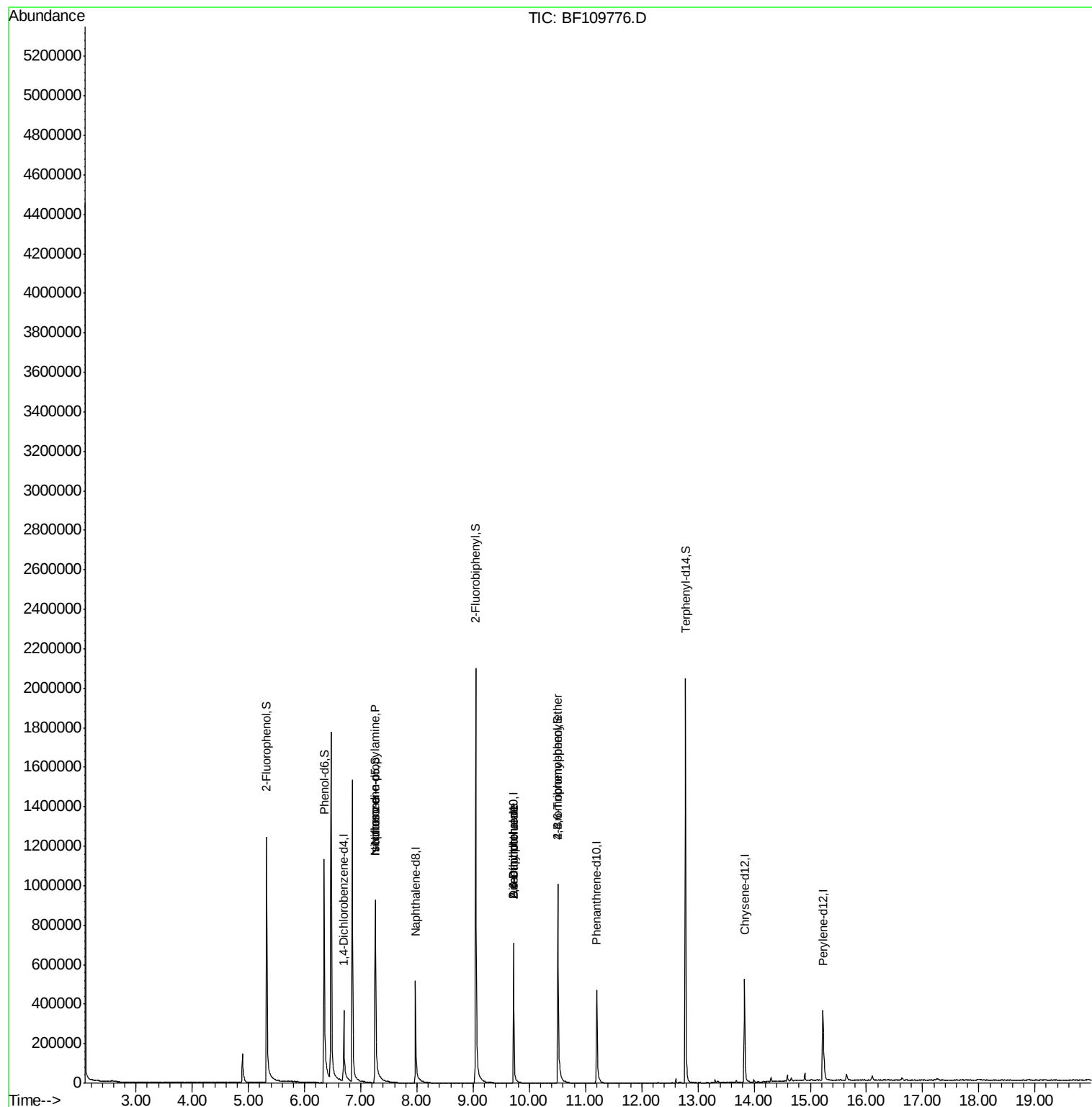
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82602	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	330852	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	155888	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	276188	20.00	ng	0.00
75) Chrysene-d12	13.83	240	236326	20.00	ng	0.00
86) Perylene-d12	15.23	264	214476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	457744	98.36	ng	0.00
7) Phenol-d6	6.35	99	589246	94.79	ng	-0.01
23) Nitrobenzene-d5	7.26	82	478773	79.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	167793	98.78	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	872838	77.11	ng	0.00
78) Terphenyl-d14	12.78	244	756082	61.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	60806	13.948	ng	# 80
25) Isophorone	7.26	82	478773	48.037	ng	# 67
49) Dimethylphthalate	9.72	163	38576	3.374	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	18855	7.608	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	18855	6.096	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	9782	3.082	ng	# 1

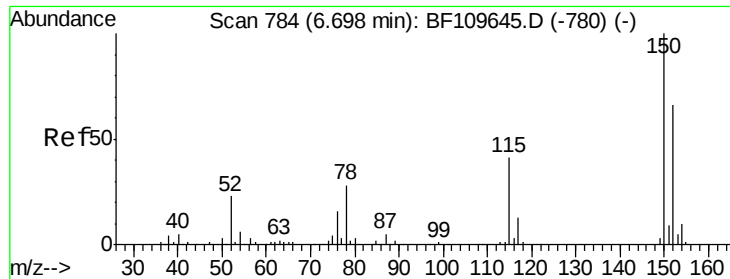
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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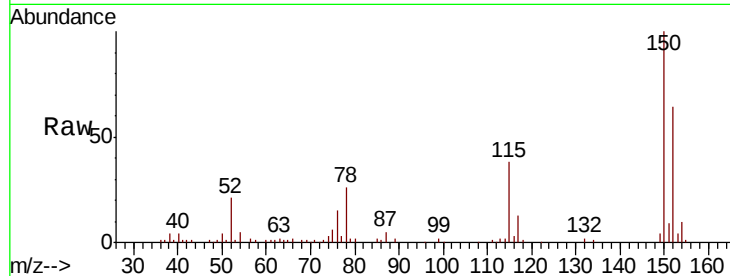


#1

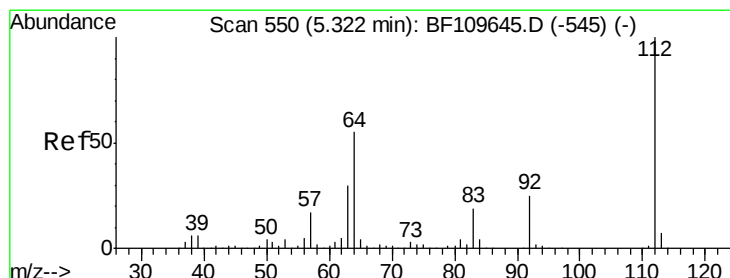
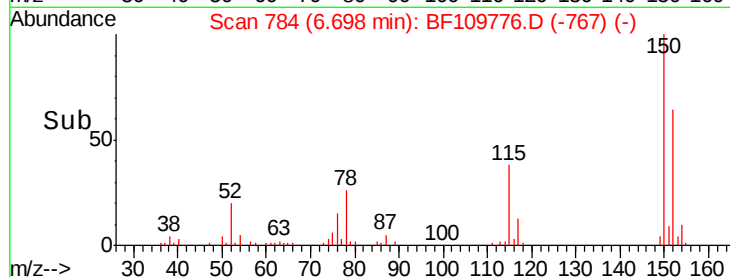
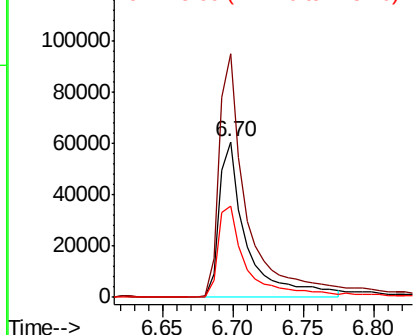
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109776.D
Acq: 11 Oct 2018 7:38

Instrument :
BNA_F
ClientSampleId :
FL-PH-1-STONE

Tgt Ion:152 Resp: 82602
Ion Ratio Lower Upper
152 100
150 156.7 122.7 184.1
115 59.1 49.1 73.7



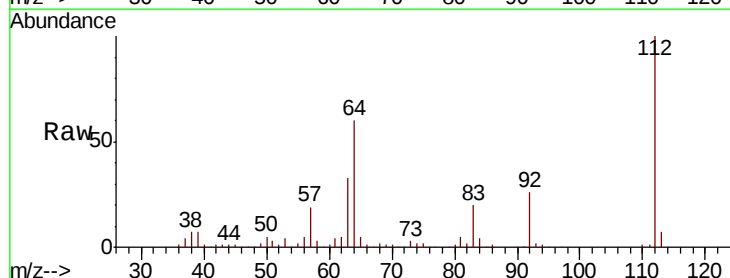
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



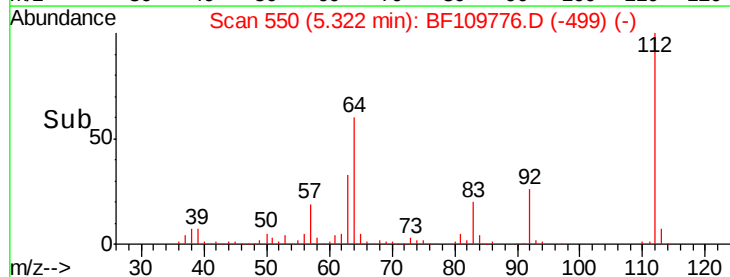
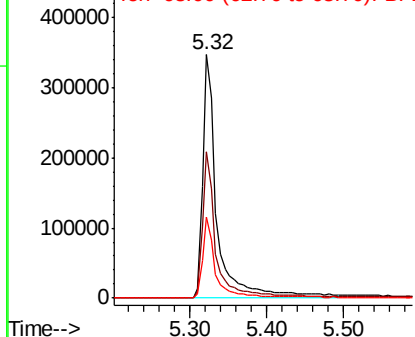
#5

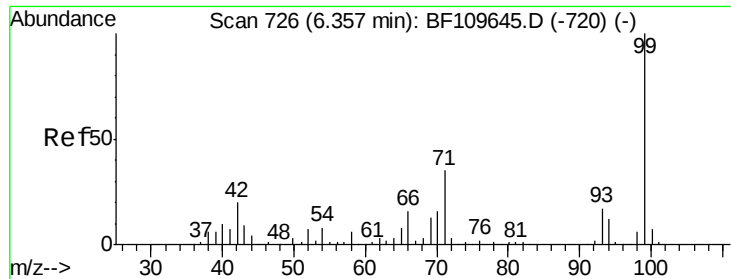
2-Fluorophenol
Concen: 98.364 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109776.D
Acq: 11 Oct 2018 7:38

Tgt Ion:112 Resp: 457744
Ion Ratio Lower Upper
112 100
64 60.3 44.1 66.1
63 33.4 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: 94.786 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109776.D

Acq: 11 Oct 2018 7:38

Instrument :

BNA_F

ClientSampleId :

FL-PH-1-STONE

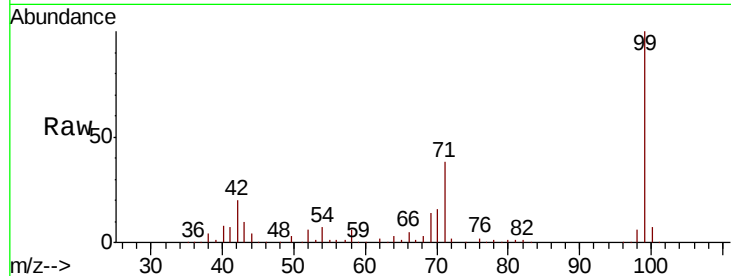
Tgt Ion: 99 Resp: 589246

Ion Ratio Lower Upper

99 100

42 20.1 15.8 23.6

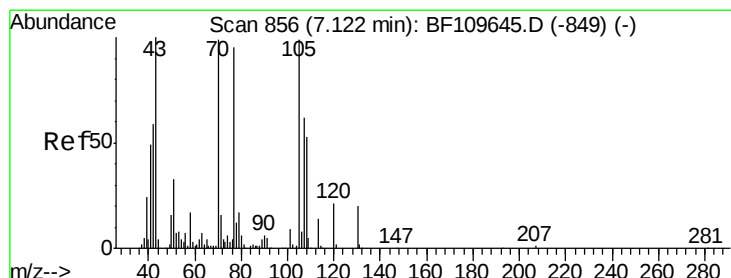
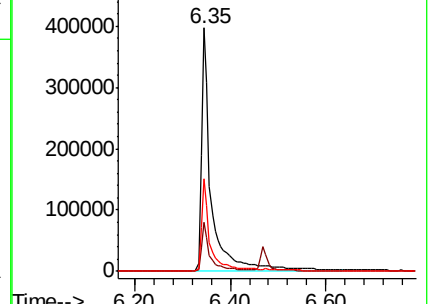
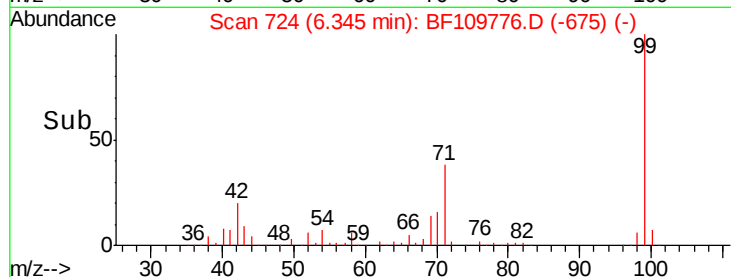
71 37.9 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.948 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109776.D

Acq: 11 Oct 2018 7:38

Tgt Ion: 70 Resp: 60806

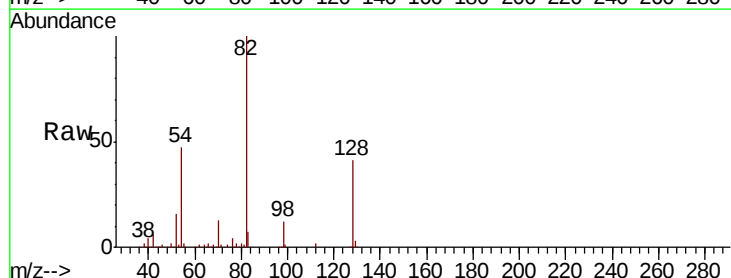
Ion Ratio Lower Upper

70 100

42 49.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

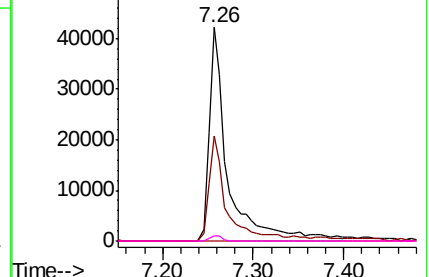
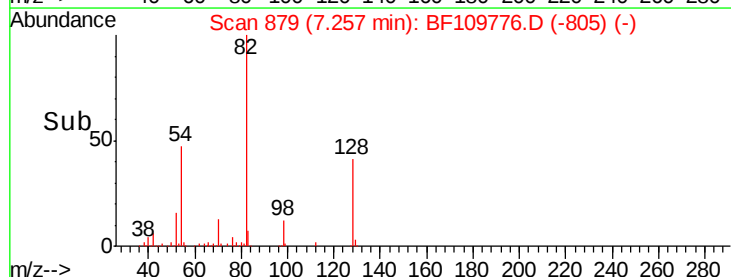


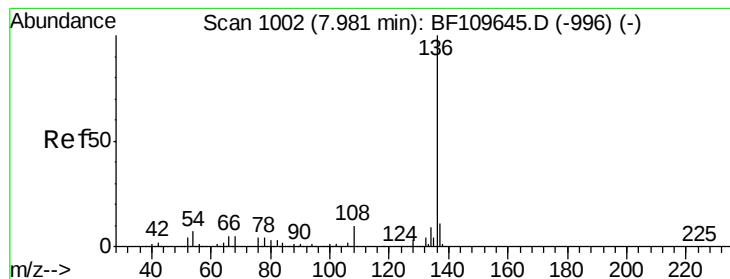
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109776.D

Acq: 11 Oct 2018 7:38

Instrument :

BNA_F

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FL-PH-1-STONE

Tgt Ion: 136 Resp: 330852

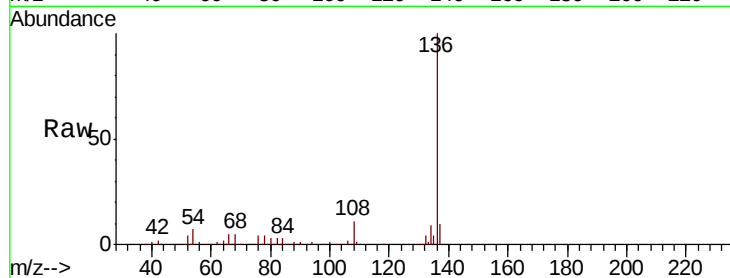
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.7 5.4 8.2

68 5.2 4.2 6.2

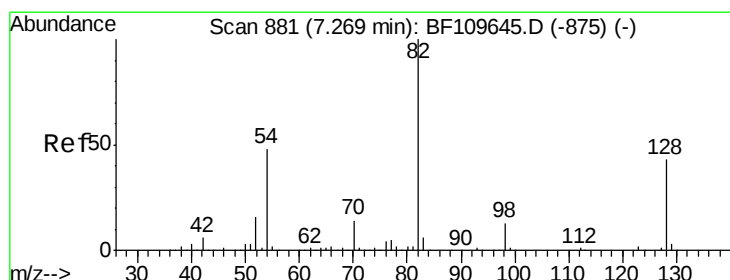
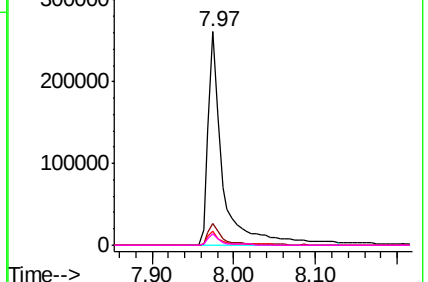
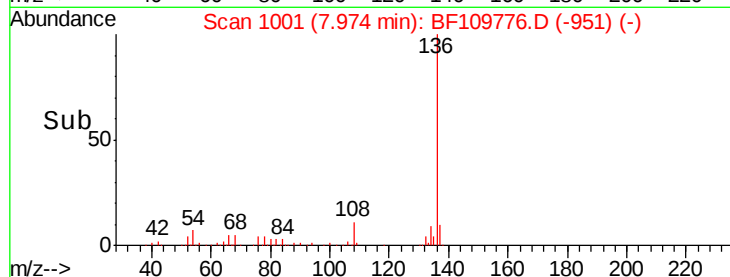


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.769 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109776.D

Acq: 11 Oct 2018 7:38

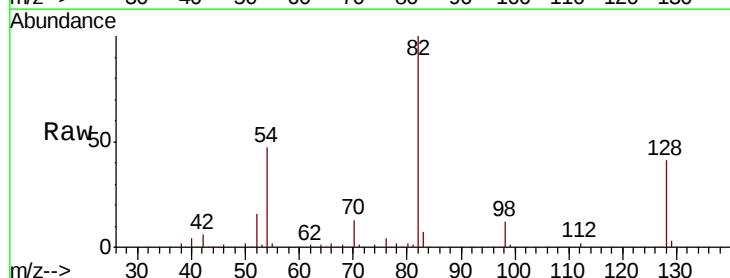
Tgt Ion: 82 Resp: 478773

Ion Ratio Lower Upper

82 100

128 40.9 34.2 51.2

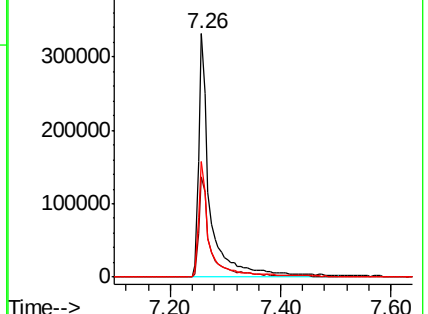
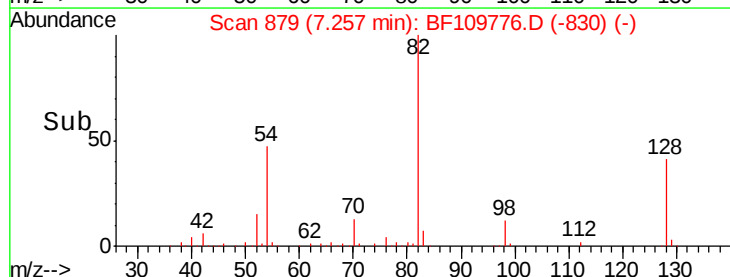
54 47.4 38.6 58.0

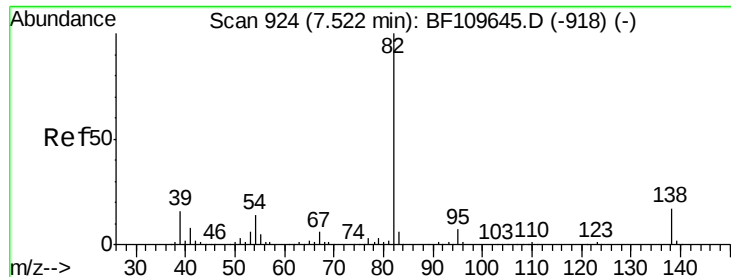


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

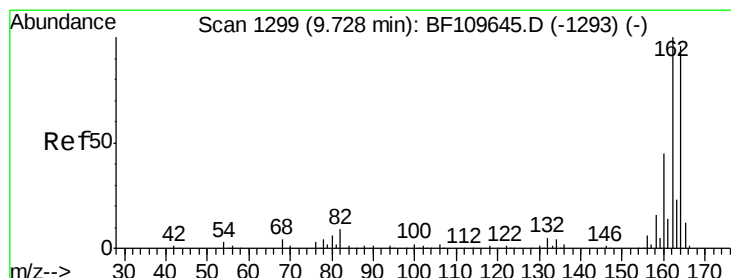
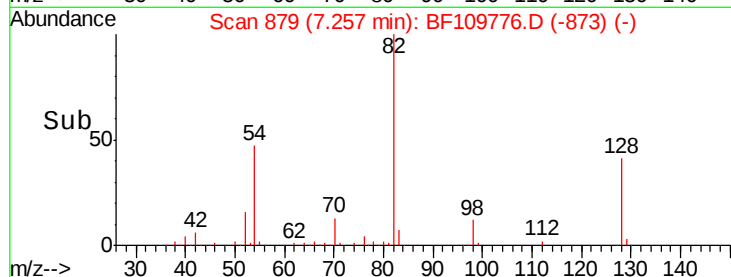
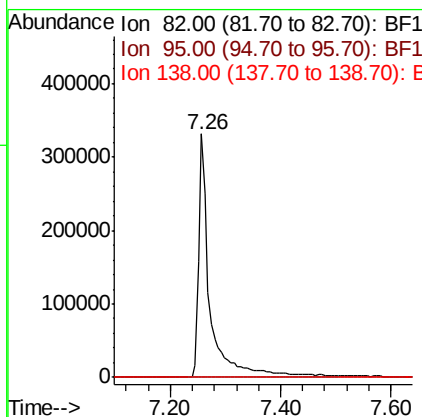
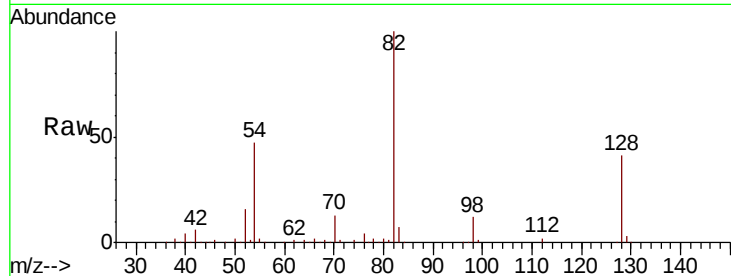




#25
Isophorone
Concen: 48.037 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109776.D
Acq: 11 Oct 2018 7:38

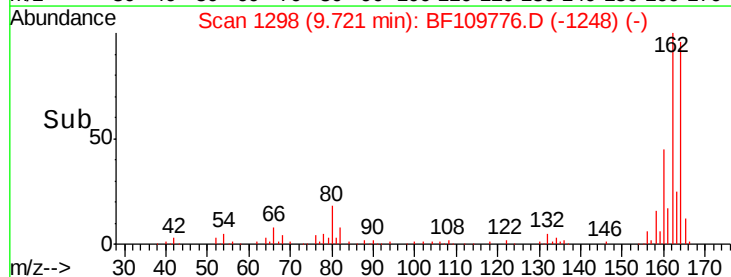
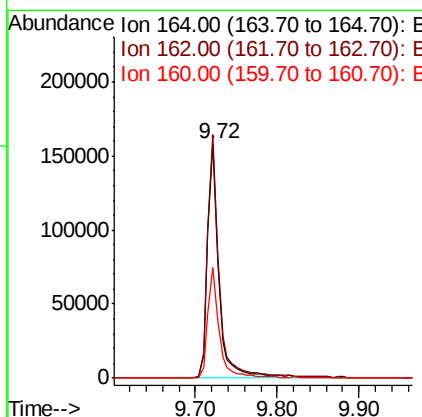
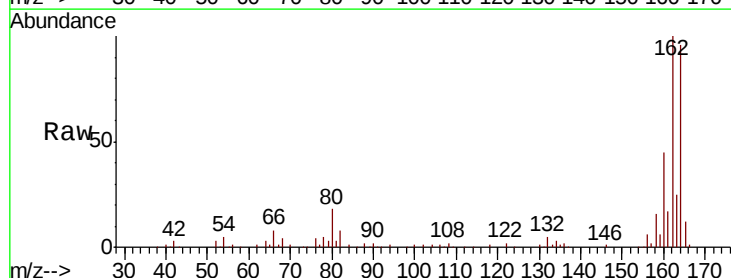
Instrument :
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FL-PH-1-STONE

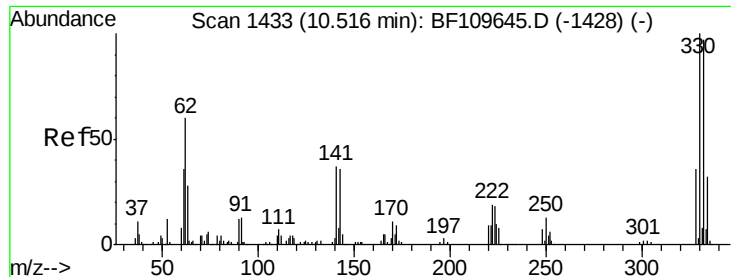
Tgt Ion: 82 Resp: 478773
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109776.D
Acq: 11 Oct 2018 7:38

Tgt Ion: 164 Resp: 155888
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.6
160 47.1 37.0 55.6

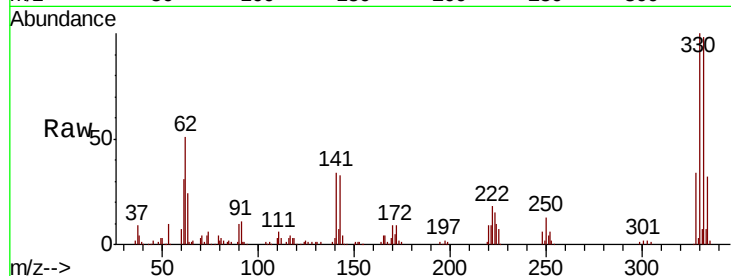




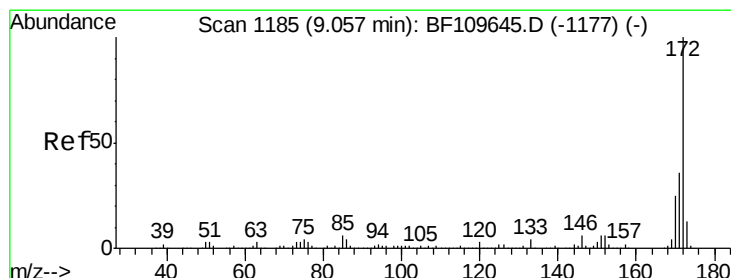
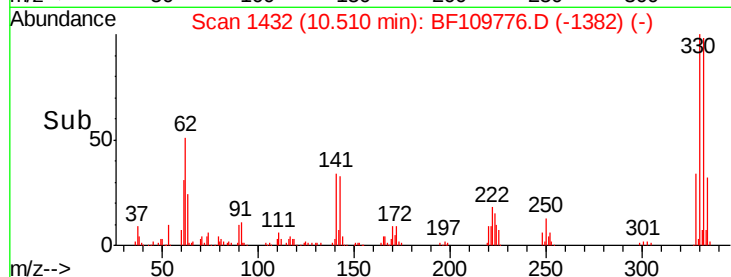
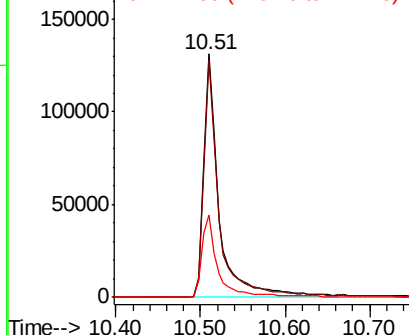
#41
 2,4,6-Tribromophenol
 Concen: 98.785 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109776.D
 Acq: 11 Oct 2018 7:38

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-1-STONE

Tgt Ion: 330 Resp: 167793
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.1 115.7
 141 35.5 27.0 40.4

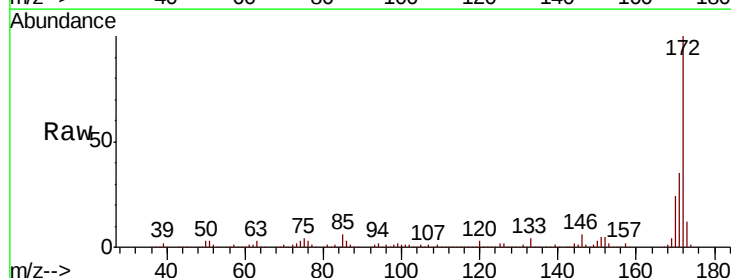


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

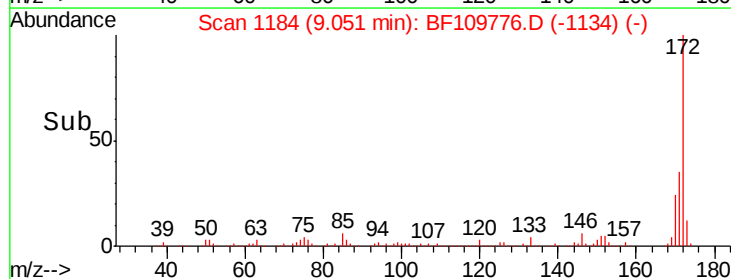
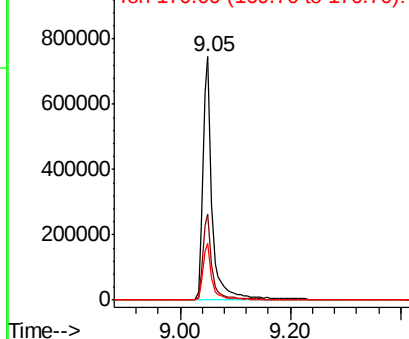


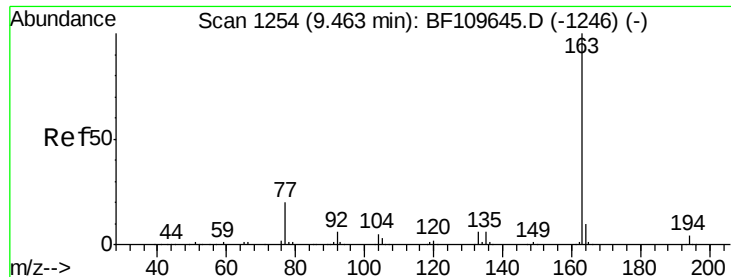
#44
 2-Fluorobiphenyl
 Concen: 77.114 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109776.D
 Acq: 11 Oct 2018 7:38

Tgt Ion: 172 Resp: 872838
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.5 19.7 29.5



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

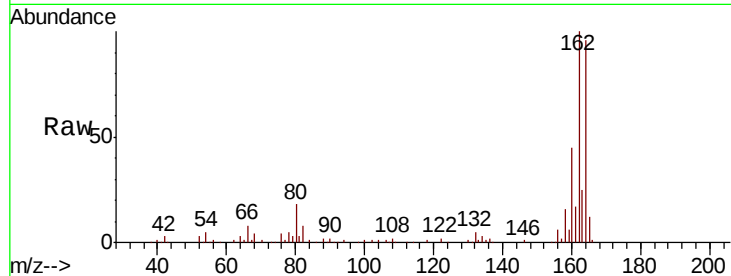




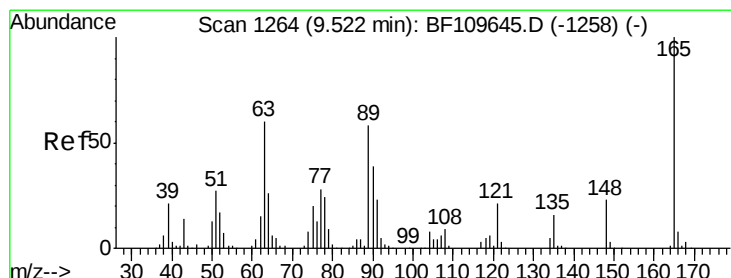
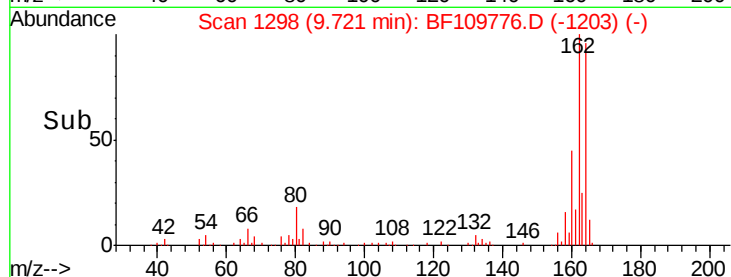
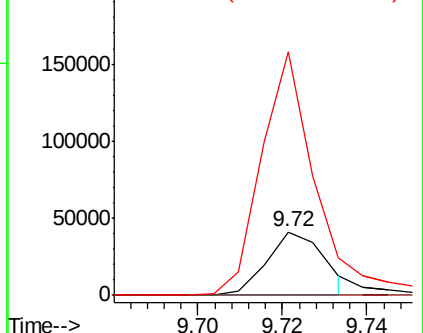
#49
 Dimethylphthalate
 Concen: 3.374 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.26 min
 Lab File: BF109776.D
 Acq: 11 Oct 2018 7:38

Instrument :
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Tgt Ion:163 Resp: 38576
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.2 4.8#
 164 384.3 8.1 12.1#

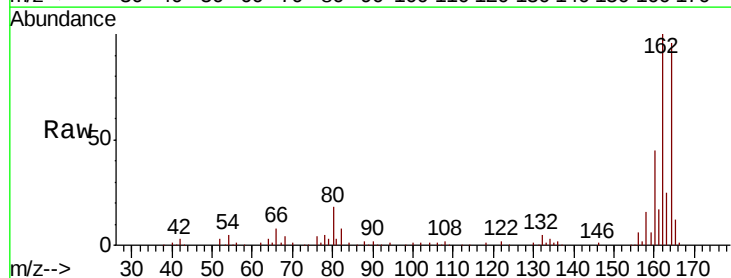


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

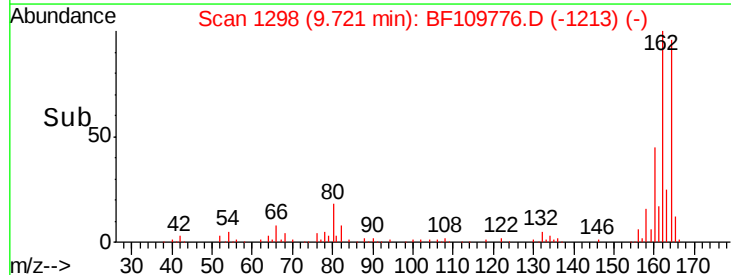
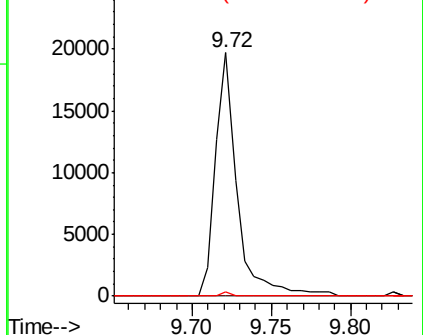


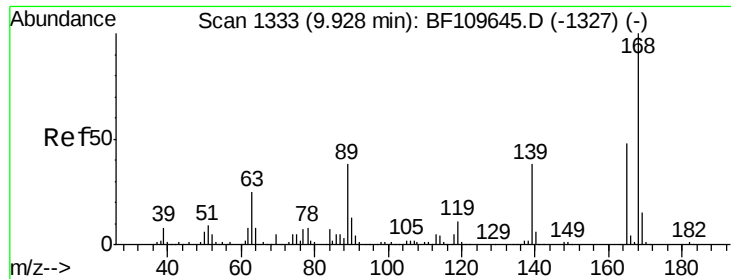
#50
 2,6-Dinitrotoluene
 Concen: 7.608 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109776.D
 Acq: 11 Oct 2018 7:38

Tgt Ion:165 Resp: 18855
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 1.6 46.6 69.8#



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

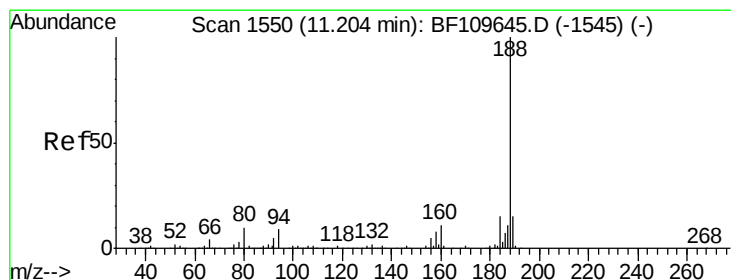
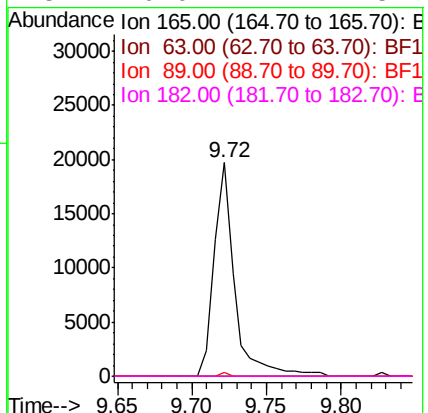
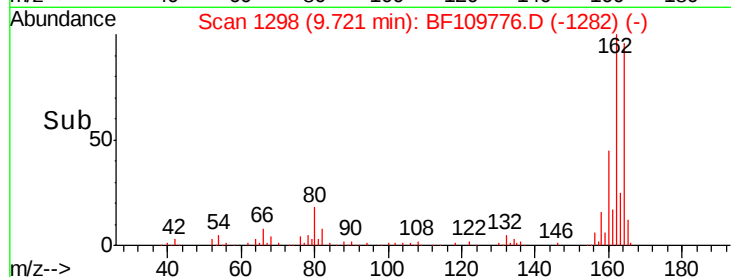
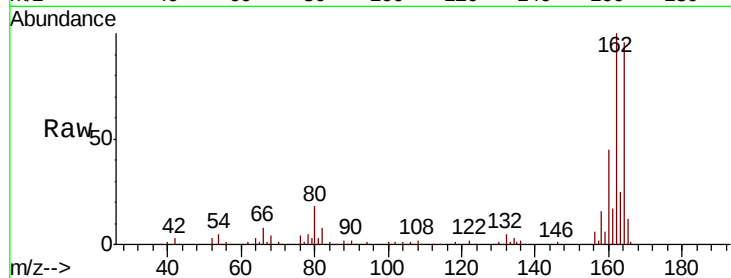




#56
2,4-Dinitrotoluene
Concen: 6.096 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109776.D
Acq: 11 Oct 2018 7:38

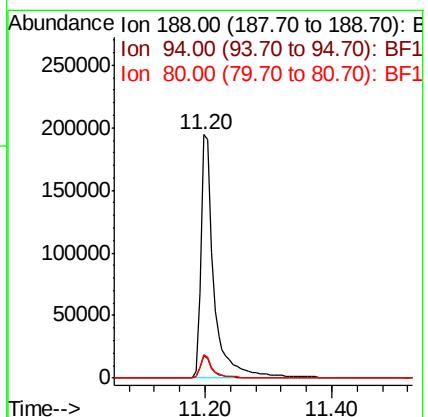
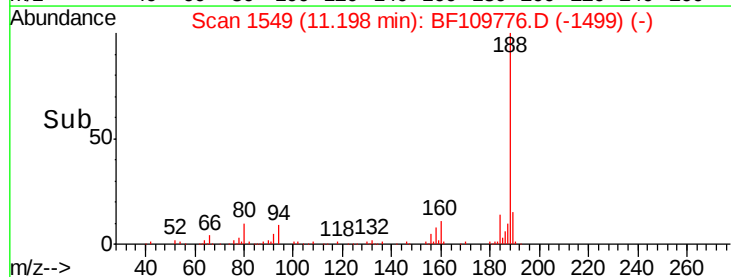
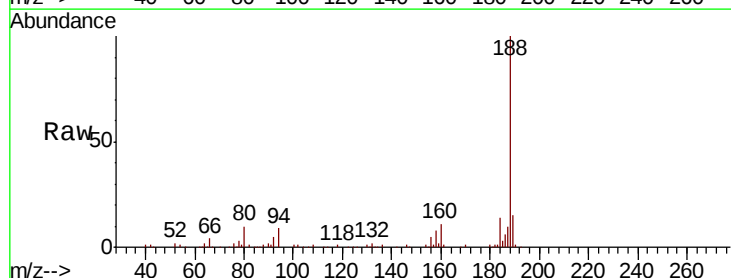
Instrument :
BNA_F
ClientSampleId :
FL-PH-1-STONE

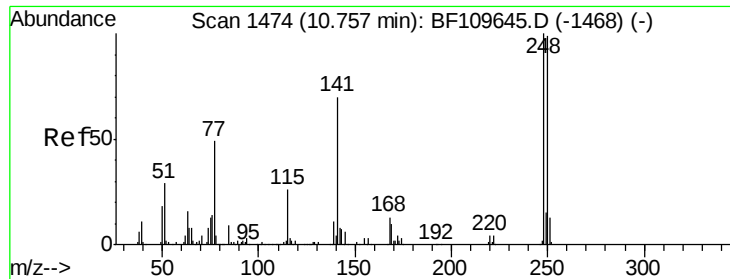
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109776.D
Acq: 11 Oct 2018 7:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.8	7.9	11.9

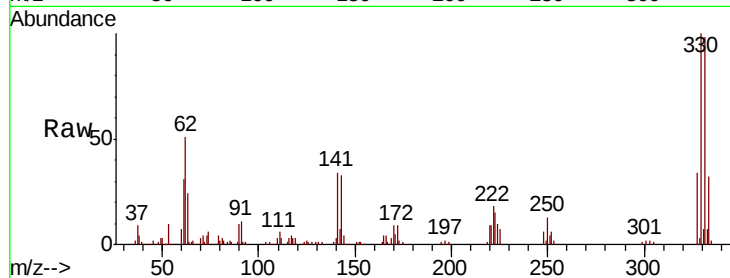




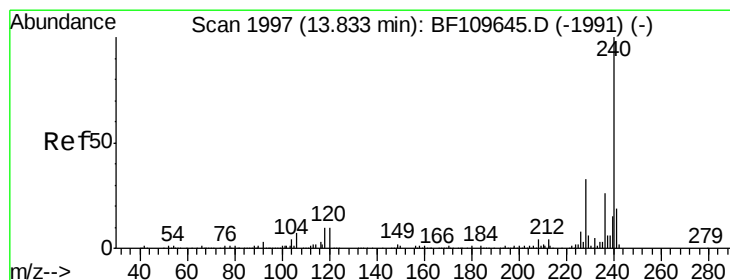
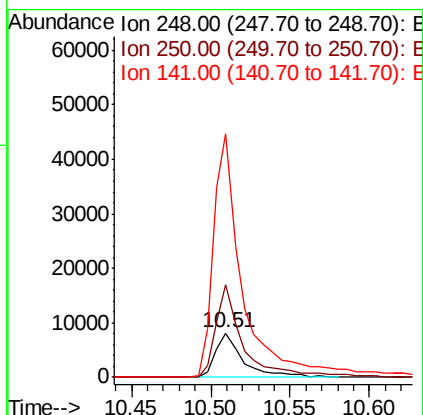
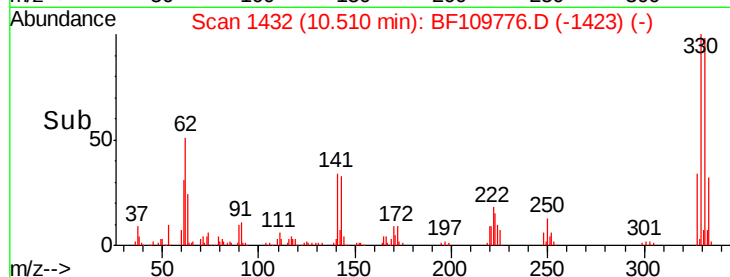
#66
 4-Bromophenyl-phenylether
 Concen: 3.082 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109776.D
 Acq: 11 Oct 2018 7:38

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-1-STONE

Tgt Ion:248 Resp: 9782
 Ion Ratio Lower Upper
 248 100
 250 207.5 79.4 119.2#
 141 547.9 55.9 83.9#

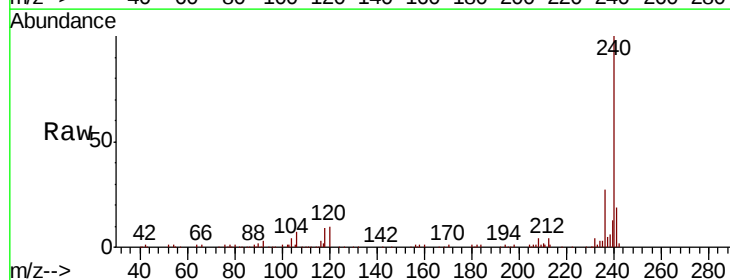


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

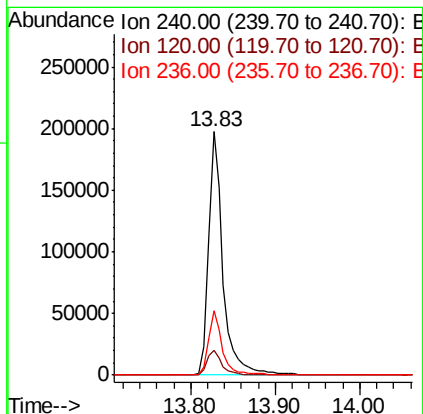
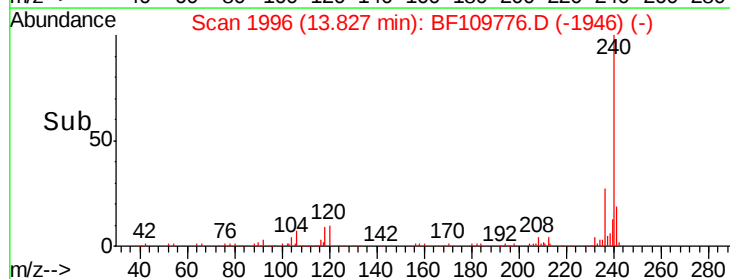


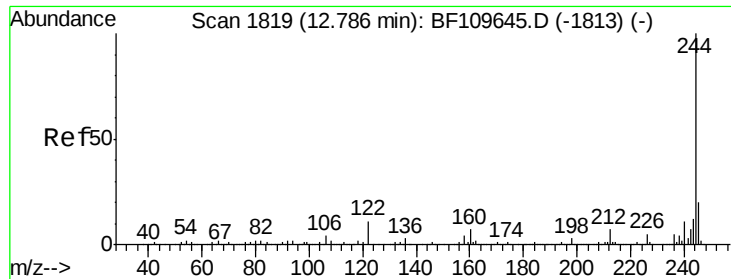
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109776.D
 Acq: 11 Oct 2018 7:38

Tgt Ion:240 Resp: 236326
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 26.5 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





#78

Terphenyl-d14

Concen: 61.934 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109776.D

Acq: 11 Oct 2018 7:38

Instrument :

BNA_F

ClientSampleId :

FL-PH-1-STONE

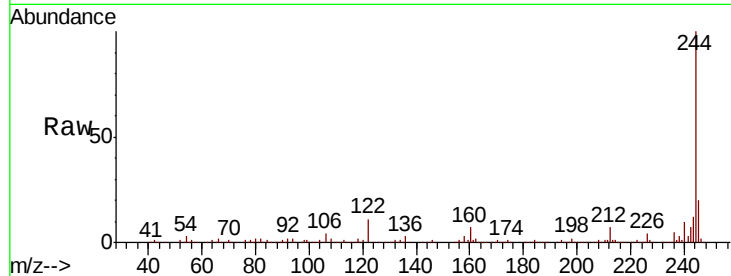
Tgt Ion:244 Resp: 756082

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

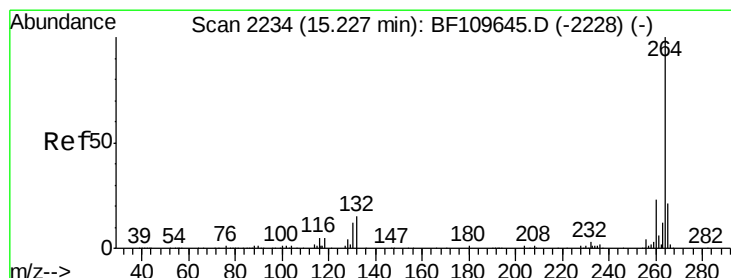
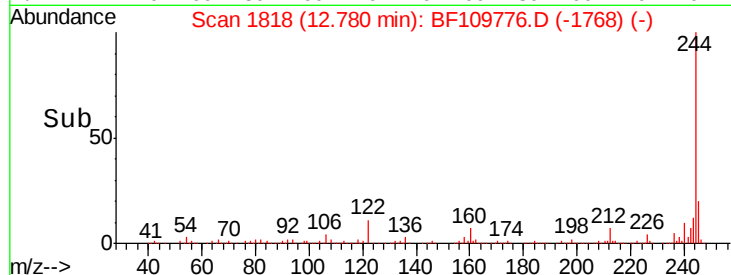
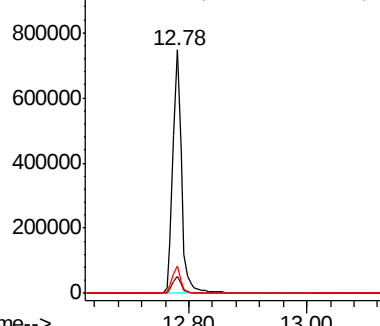
122 11.1 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109776.D

Acq: 11 Oct 2018 7:38

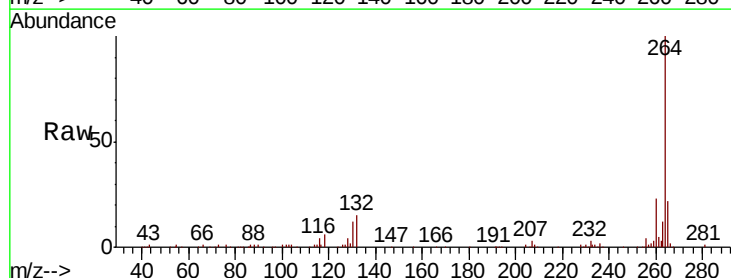
Tgt Ion:264 Resp: 214476

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.8 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

