

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109773.D
 Acq On : 11 Oct 2018 6:15
 Operator : JU/SJ
 Sample : J5326-28
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-7

Quant Time: Oct 11 07:26:29 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

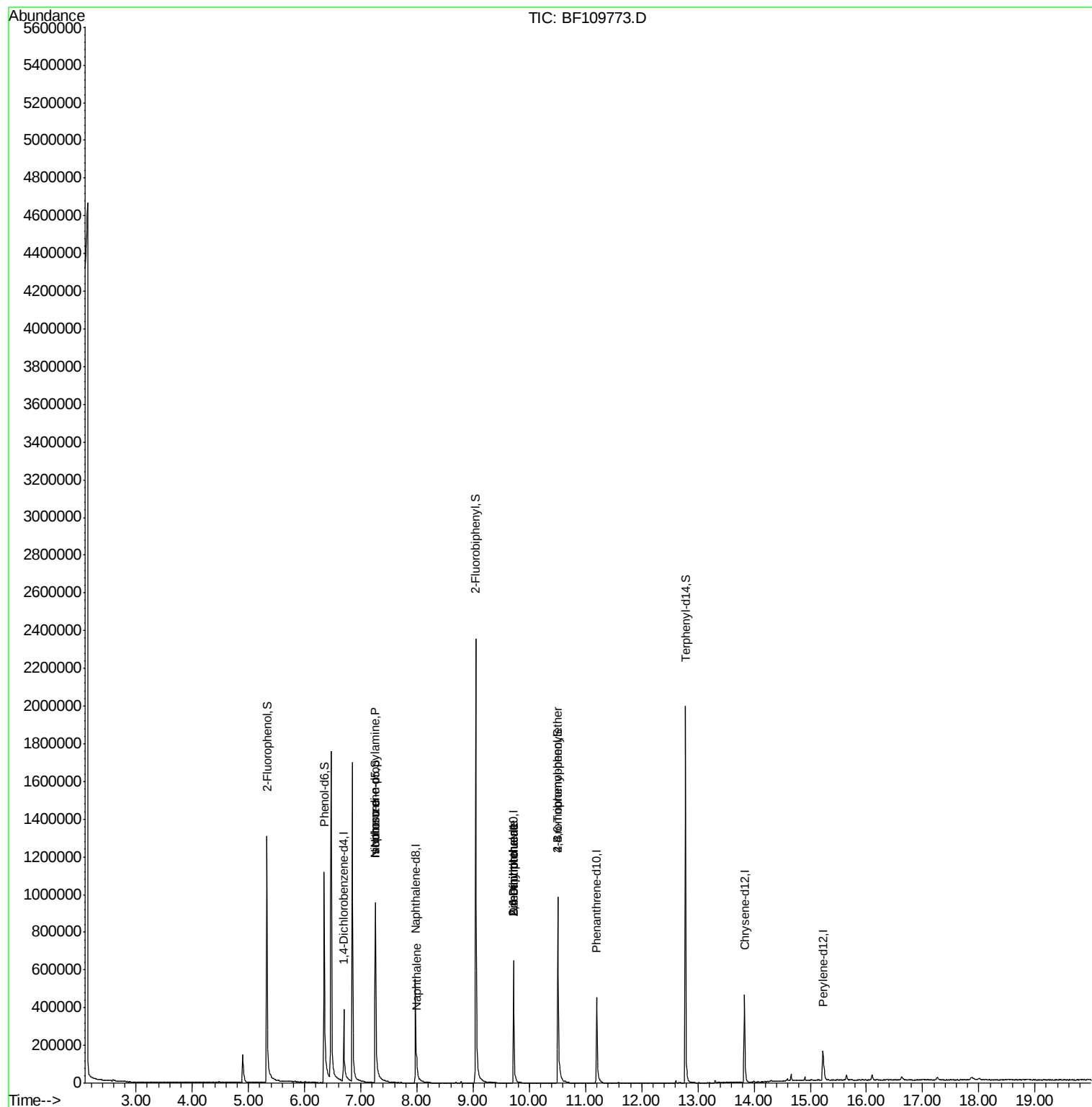
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85032	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	344032	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	149937	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	255895	20.00	ng	0.00
75) Chrysene-d12	13.83	240	220193	20.00	ng	0.00
86) Perylene-d12	15.23	264	100592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	499042	104.17	ng	0.00
7) Phenol-d6	6.35	99	611027	95.48	ng	-0.01
23) Nitrobenzene-d5	7.26	82	501714	80.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	165775	101.47	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	892900	82.02	ng	0.00
78) Terphenyl-d14	12.78	244	705147	61.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	64574	14.389	ng	# 81
25) Isophorone	7.26	82	506260	48.849	ng	# 67
31) Naphthalene	8.00	128	60743	3.818	ng	# 99
49) Dimethylphthalate	9.72	163	37215	3.384	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	18770	7.874	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	18770	6.310	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	9452	3.215	ng	# 1

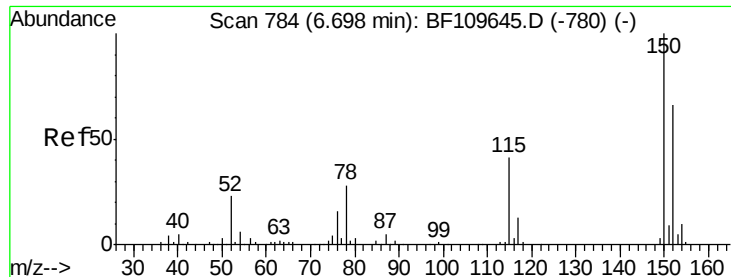
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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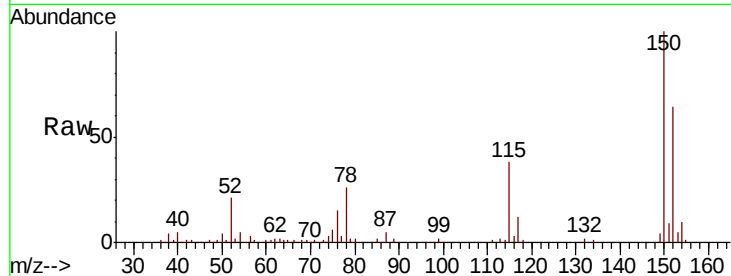


#1

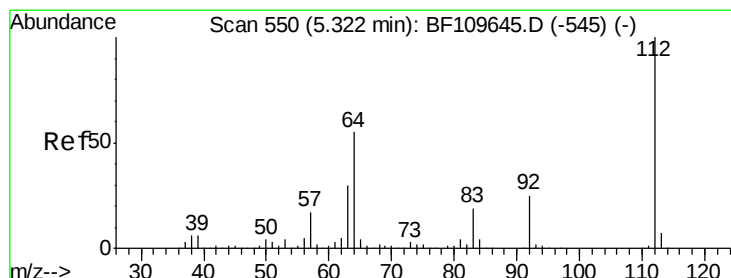
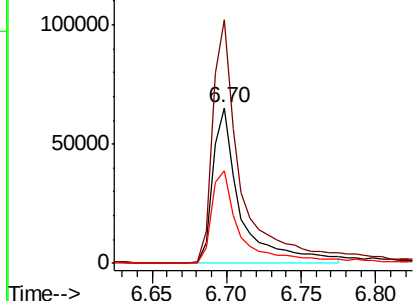
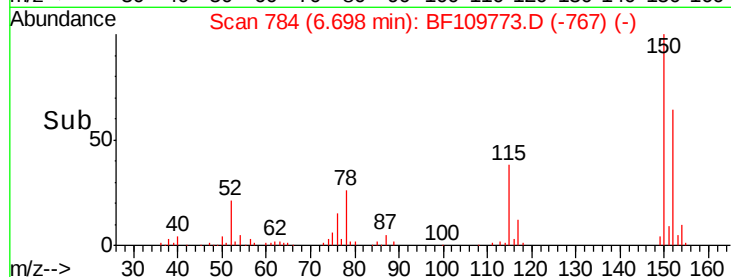
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

Instrument :
BNA_F
ClientSampleId :
FL-PIT-7

Tgt Ion:152 Resp: 85032
Ion Ratio Lower Upper
152 100
150 156.7 122.7 184.1
115 59.5 49.1 73.7



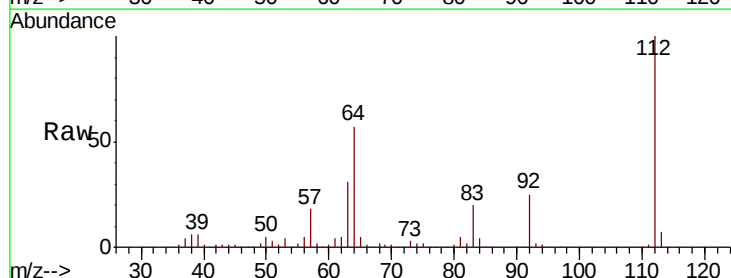
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



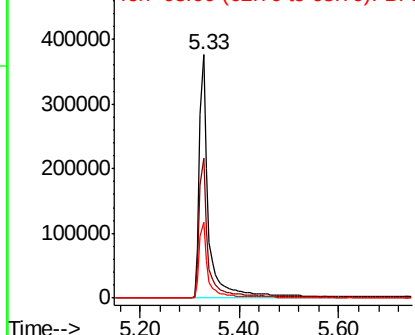
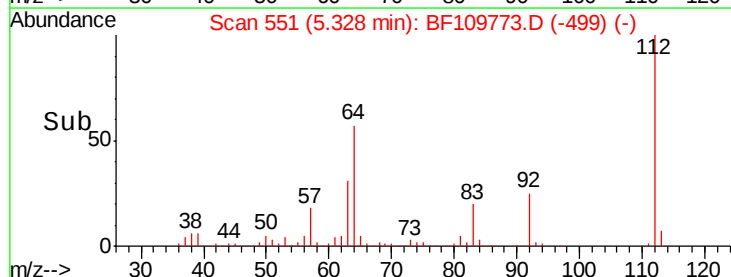
#5

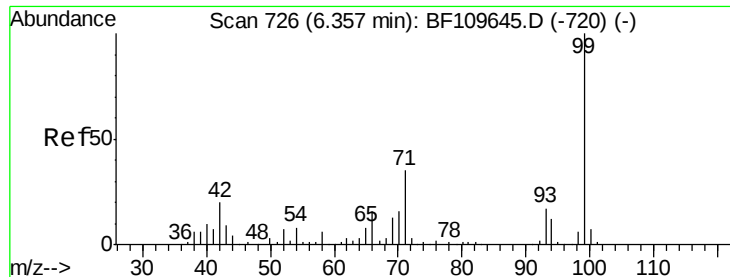
2-Fluorophenol
Concen: 104.174 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

Tgt Ion:112 Resp: 499042
Ion Ratio Lower Upper
112 100
64 57.3 44.1 66.1
63 31.1 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: 95.480 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109773.D

Acq: 11 Oct 2018 6:15

Instrument :

BNA_F

ClientSampleId :

FL-PIT-7

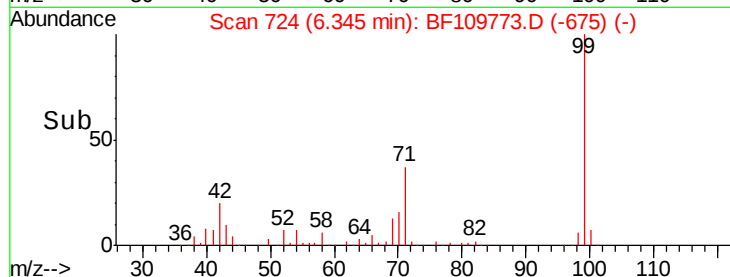
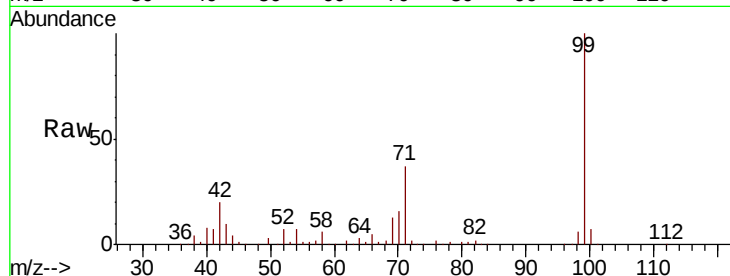
Tgt Ion: 99 Resp: 611027

Ion Ratio Lower Upper

99 100

42 20.4 15.8 23.6

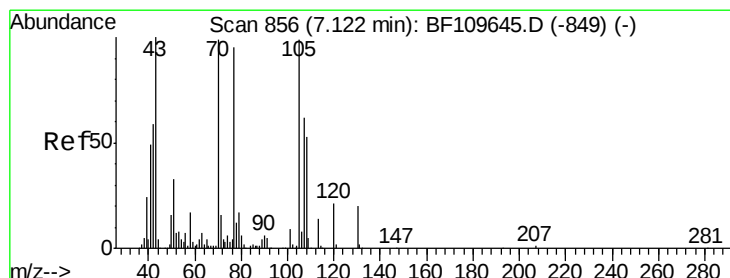
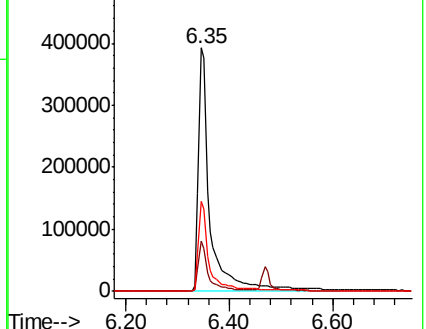
71 36.7 28.0 42.0



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: 14.389 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109773.D

Acq: 11 Oct 2018 6:15

Tgt Ion: 70 Resp: 64574

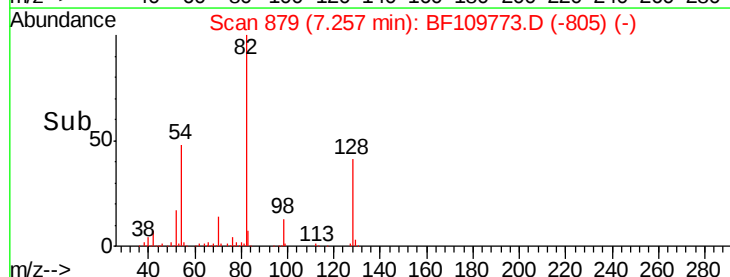
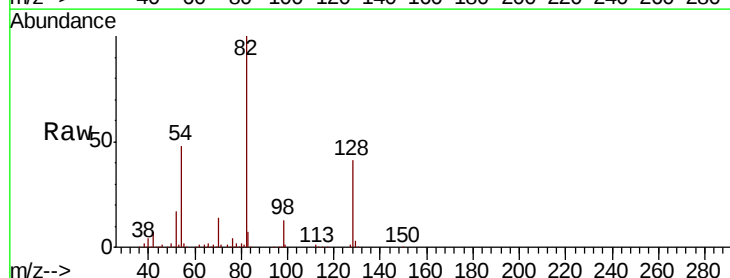
Ion Ratio Lower Upper

70 100

42 51.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

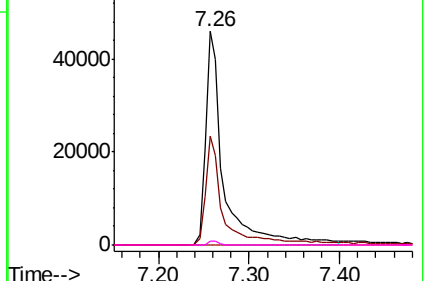


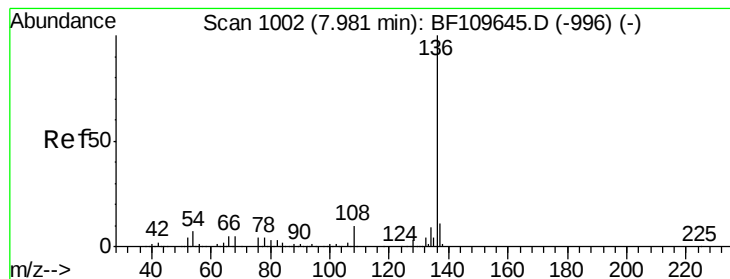
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109773.D

Acq: 11 Oct 2018 6:15

Instrument :

BNA_F

ClientSampleId :

FL-PIT-7

Tgt Ion: 136 Resp: 344032

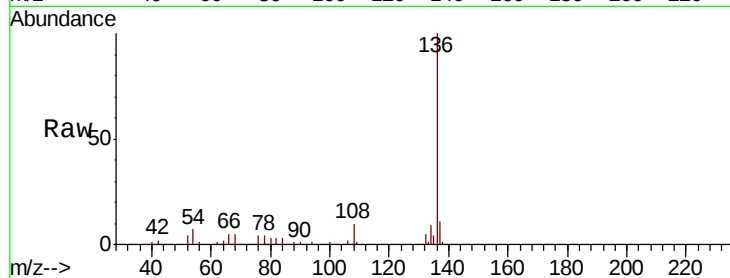
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.4 8.2

68 5.1 4.2 6.2

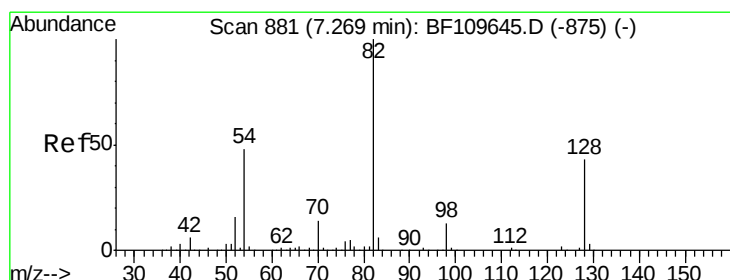
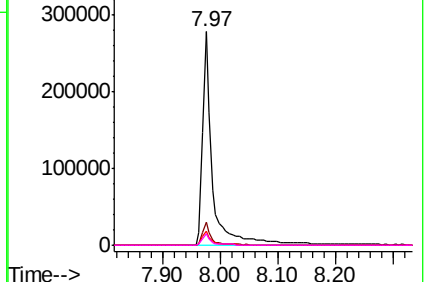
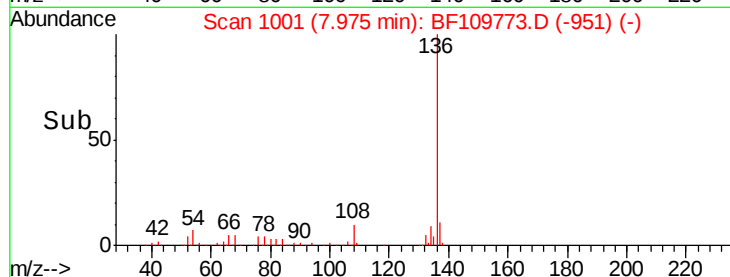


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.388 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109773.D

Acq: 11 Oct 2018 6:15

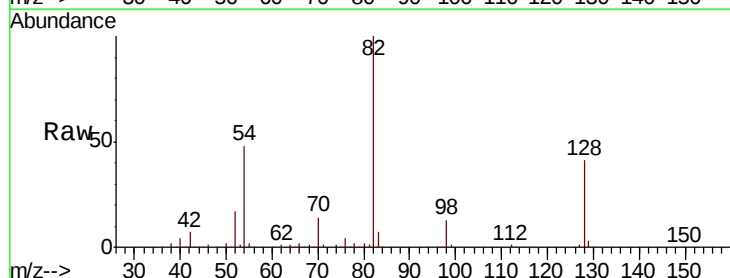
Tgt Ion: 82 Resp: 501714

Ion Ratio Lower Upper

82 100

128 40.7 34.2 51.2

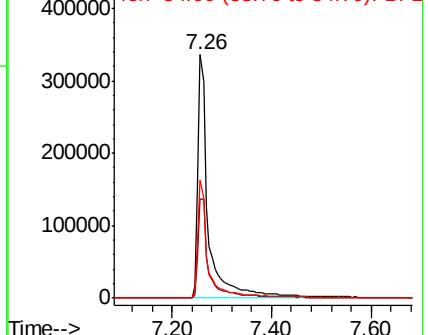
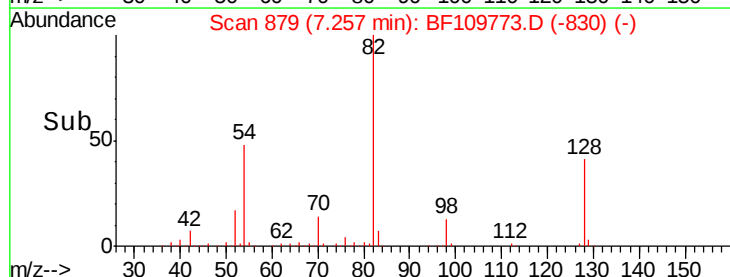
54 48.3 38.6 58.0

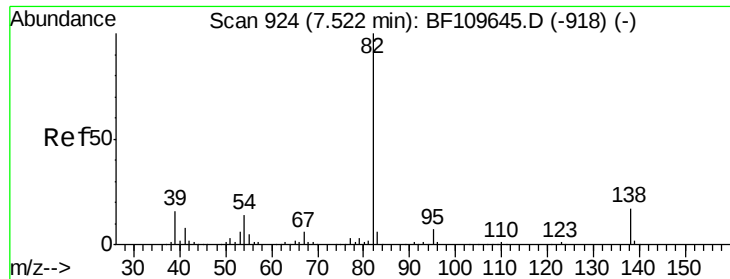


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

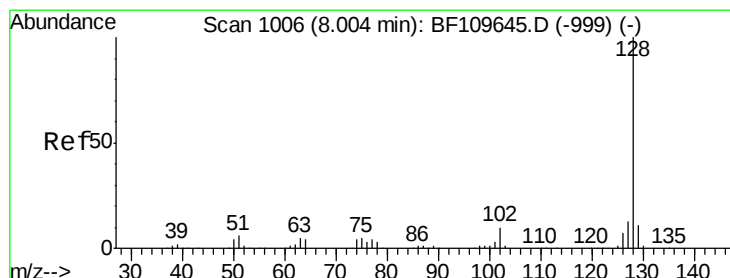
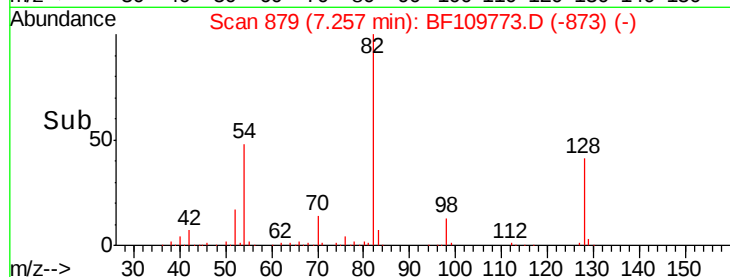
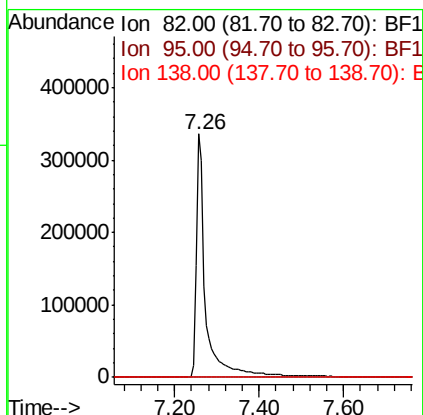
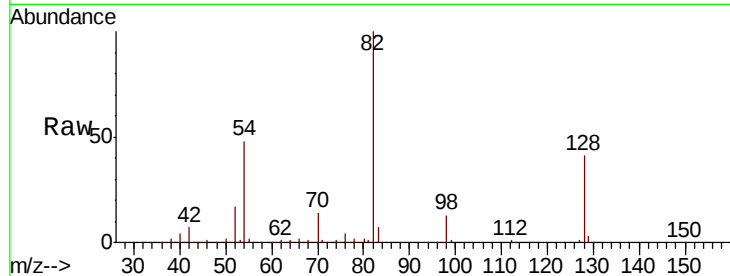




#25
Isophorone
Concen: 48.849 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

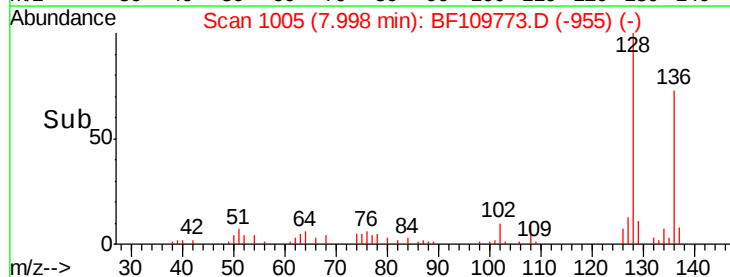
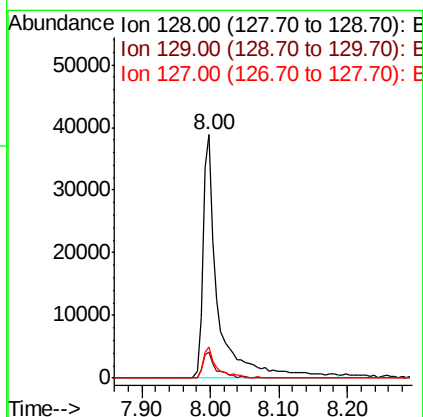
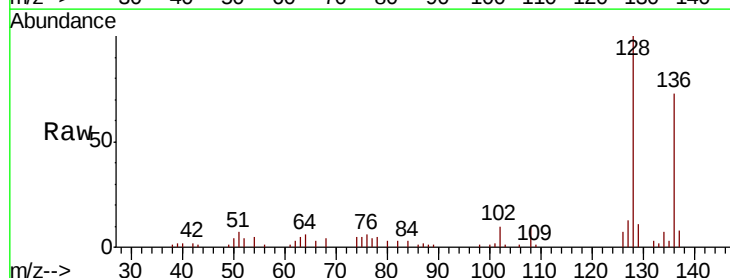
Instrument :
BNA_F
ClientSampleId :
FL-PIT-7

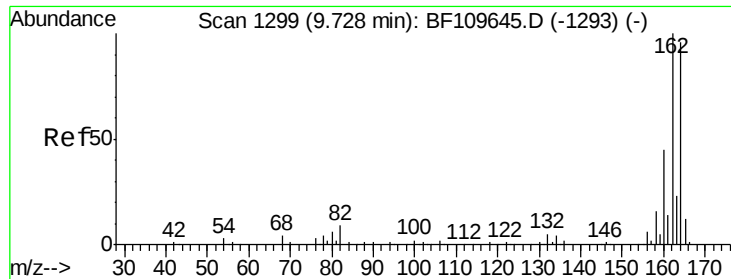
Tgt Ion: 82 Resp: 506260
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#31
Naphthalene
Concen: 3.818 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

Tgt Ion: 128 Resp: 60743
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.0 10.8 16.2

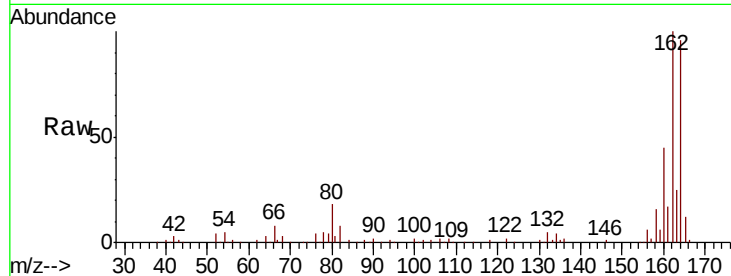




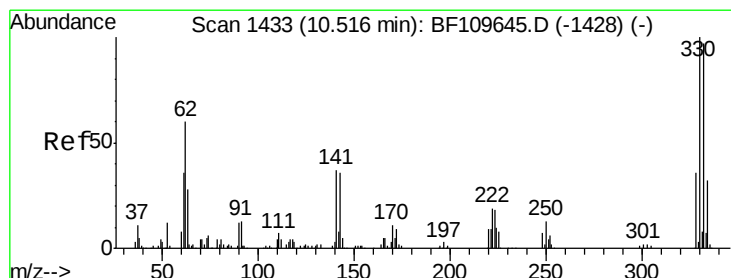
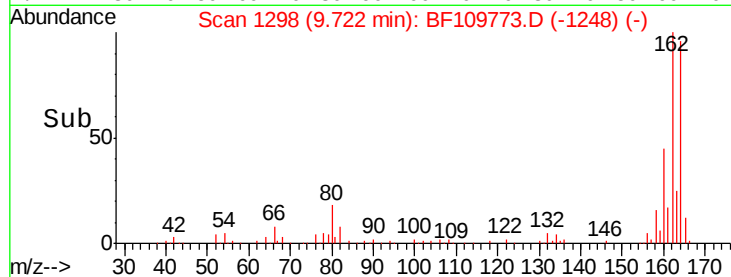
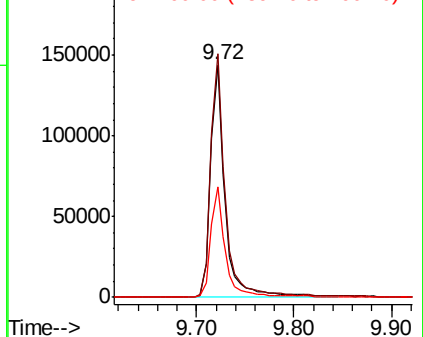
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109773.D
 Acq: 11 Oct 2018 6:15

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-7

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.6
160	47.5	37.0	55.6

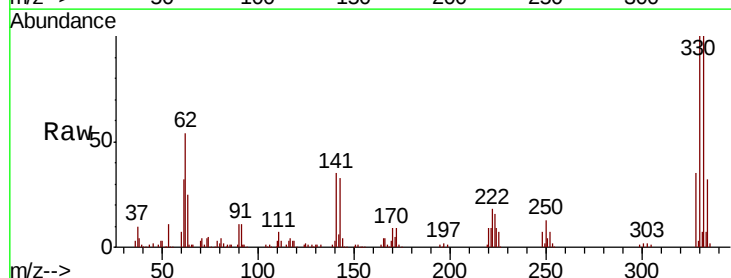


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

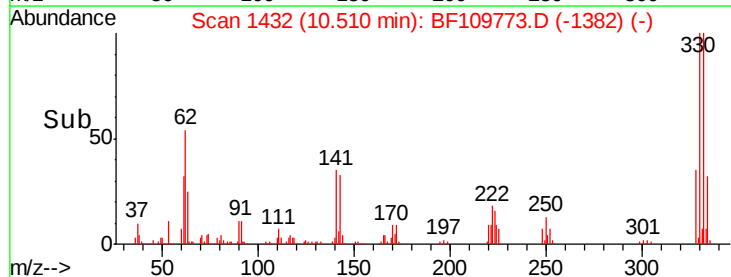
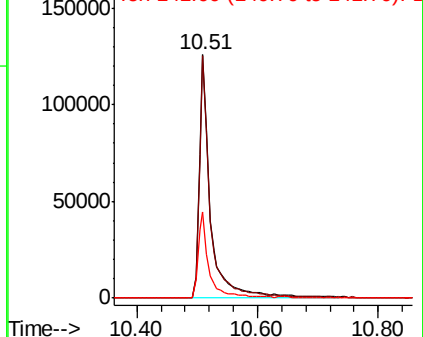


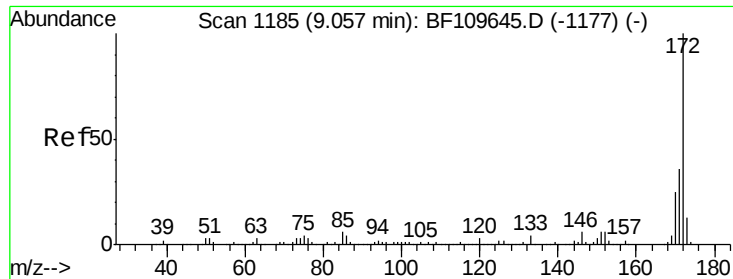
#41
 2,4,6-Tribromophenol
 Concen: 101.471 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109773.D
 Acq: 11 Oct 2018 6:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	34.5	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

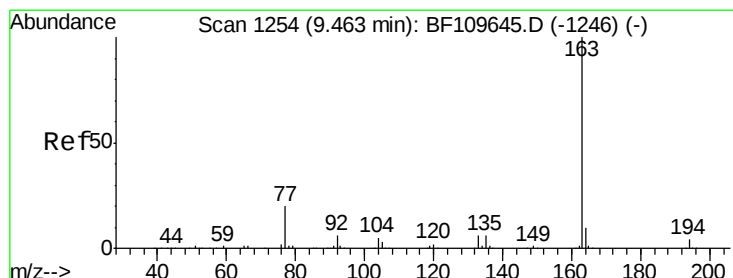
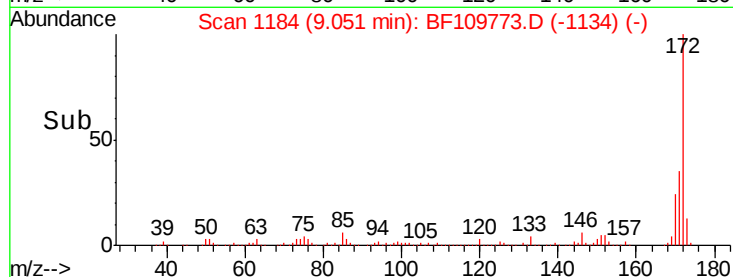
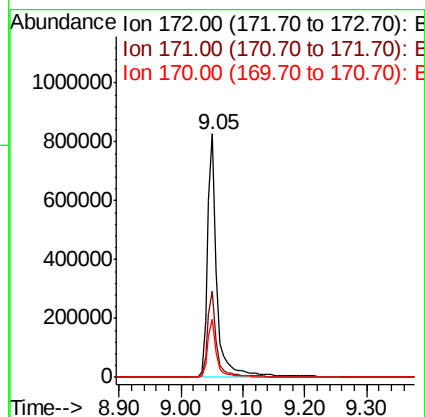
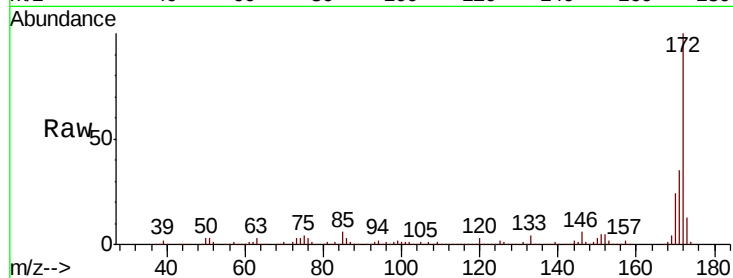




#44
2-Fluorobiphenyl
Concen: 82.018 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

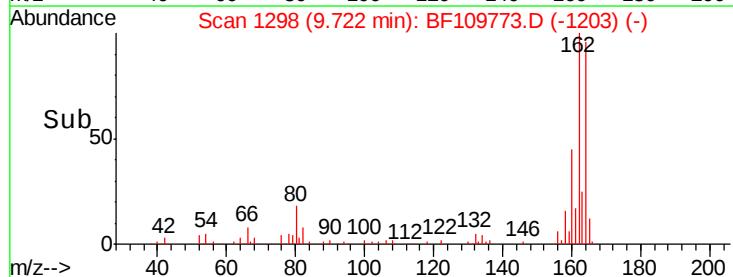
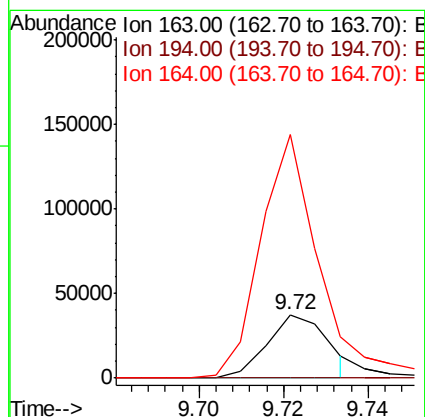
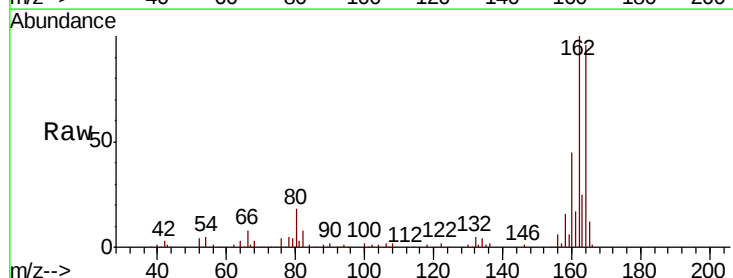
Instrument :
BNA_F
ClientSampled :
FL-PIT-7

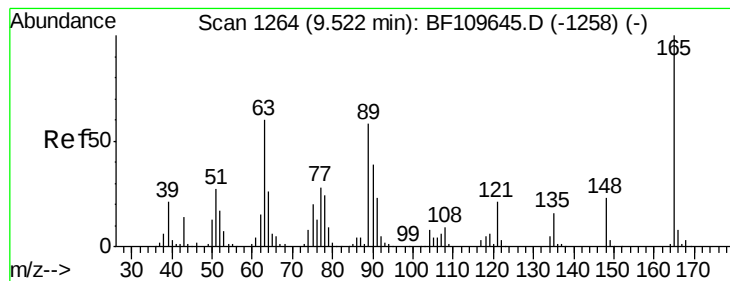
Tgt Ion:172 Resp: 892900
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.7 29.5



#49
Dimethylphthalate
Concen: 3.384 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

Tgt Ion:163 Resp: 37215
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 385.2 8.1 12.1#





#50

2,6-Dinitrotoluene

Concen: 7.874 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109773.D

Acq: 11 Oct 2018 6:15

Instrument :

BNA_F

ClientSampleId :

FL-PIT-7

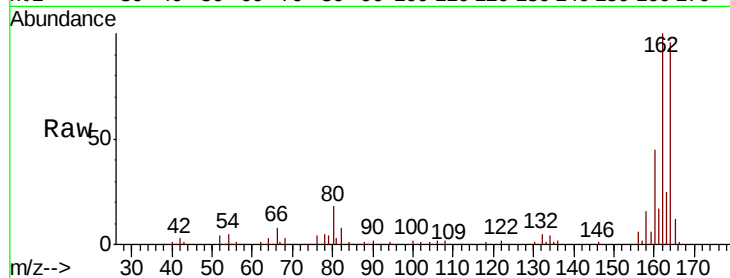
Tgt Ion:165 Resp: 18770

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

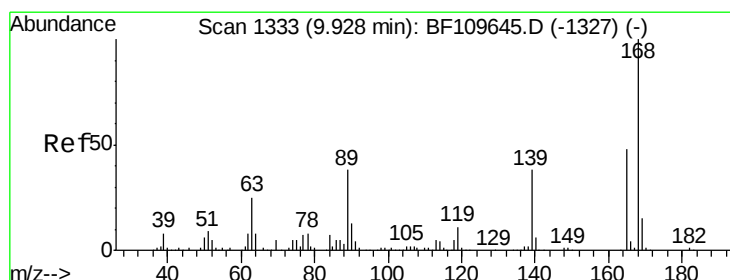
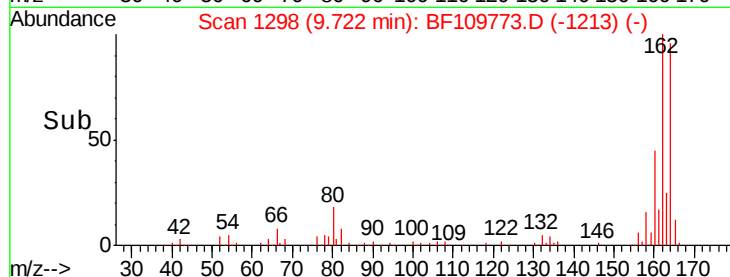
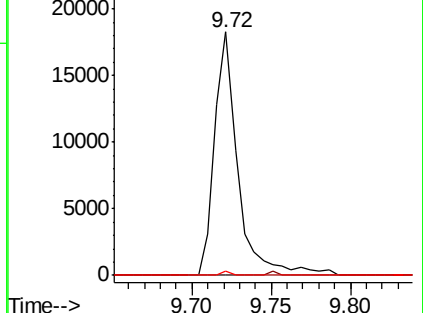
89 1.8 46.6 69.8#



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: 6.310 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109773.D

Acq: 11 Oct 2018 6:15

Tgt Ion:165 Resp: 18770

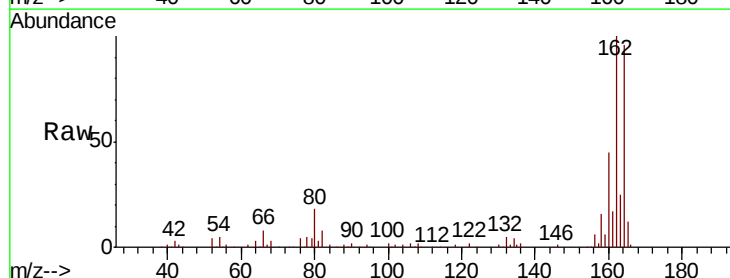
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.8 62.2 93.4#

182 0.0 2.1 3.1#

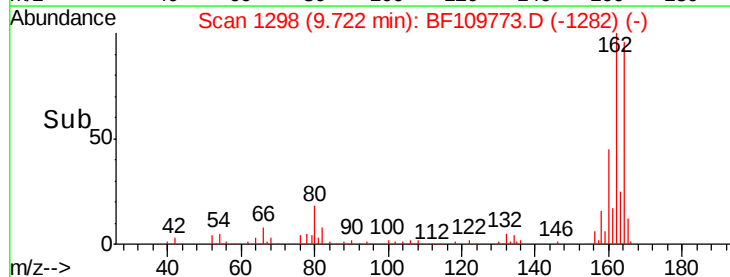
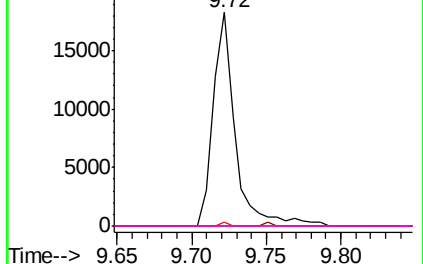


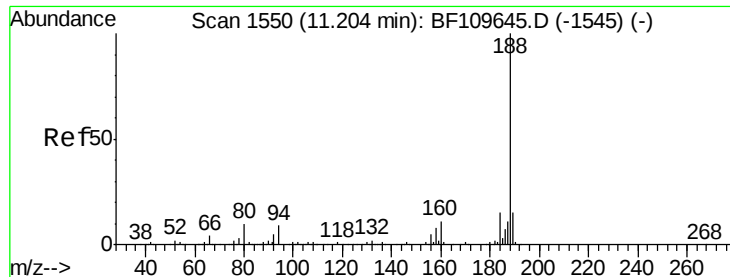
Abundance Ion 165.00 (164.70 to 165.70): E

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

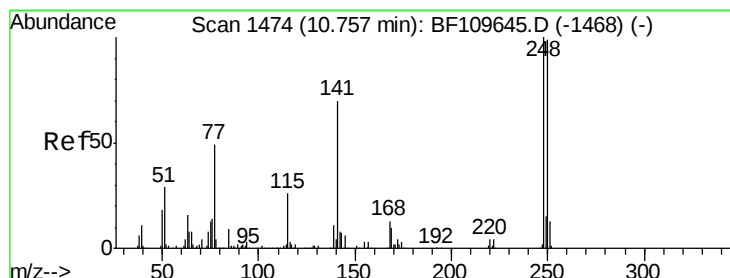
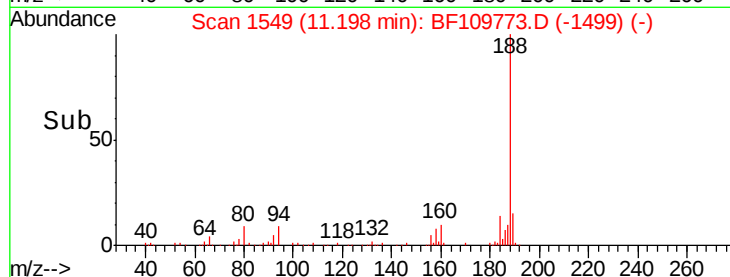
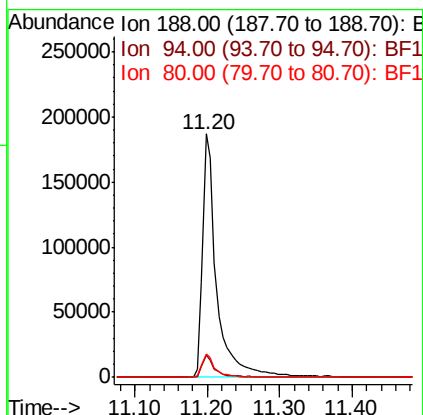
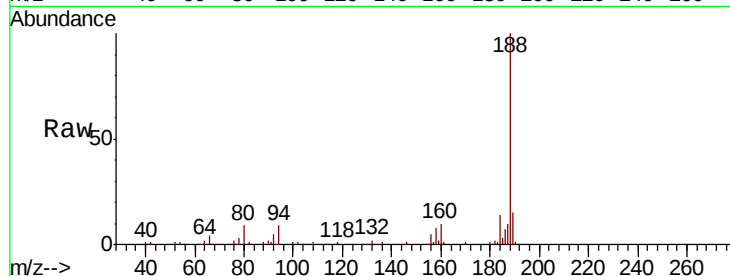




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

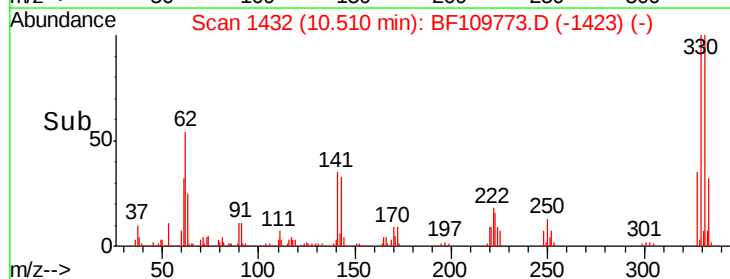
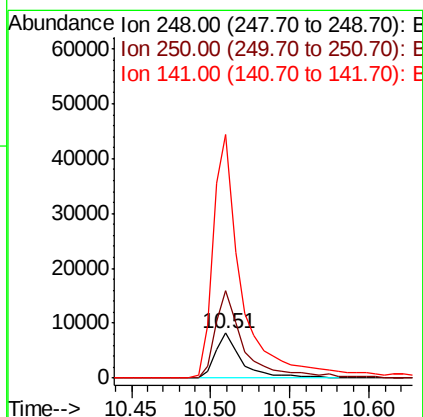
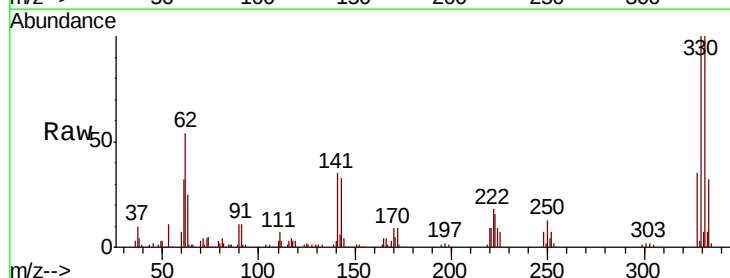
Instrument :
BNA_F
ClientSampled :
FL-PIT-7

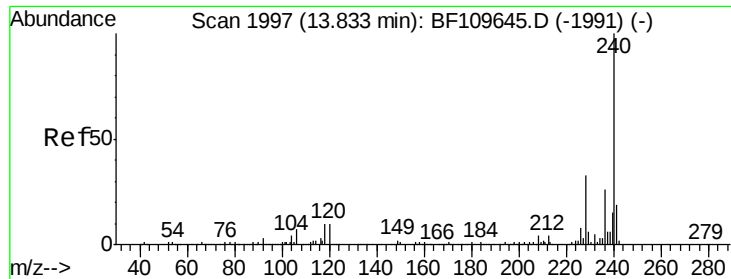
Tgt Ion:188 Resp: 255895
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.5 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 3.215 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

Tgt Ion:248 Resp: 9452
Ion Ratio Lower Upper
248 100
250 194.9 79.4 119.2#
141 542.1 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109773.D

Acq: 11 Oct 2018 6:15

Instrument :

BNA_F

ClientSampleId :

FL-PIT-7

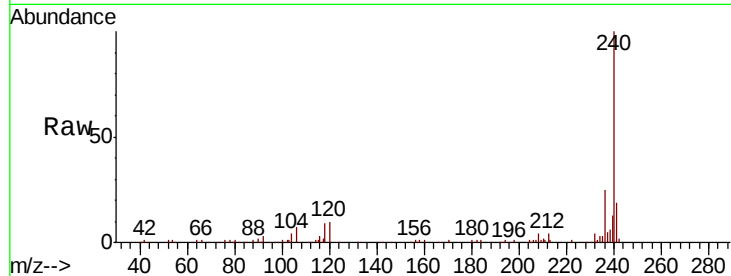
Tgt Ion:240 Resp: 220193

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

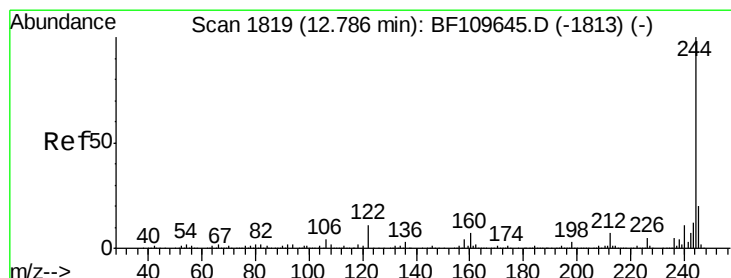
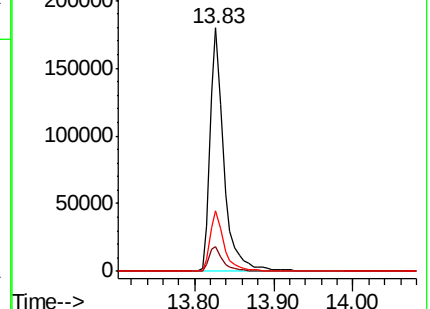
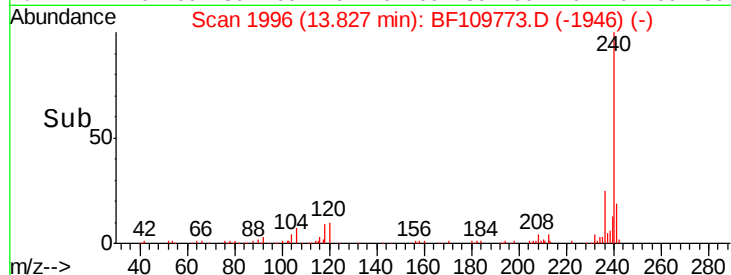
236 24.9 21.2 31.8



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: 61.993 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109773.D

Acq: 11 Oct 2018 6:15

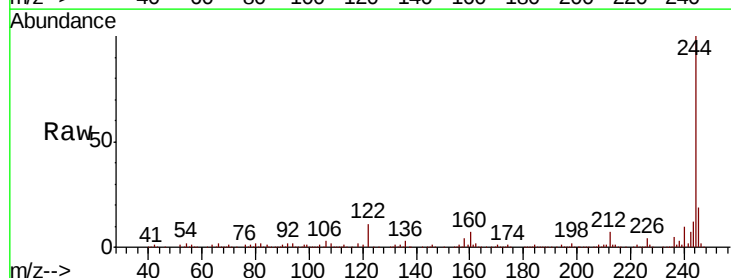
Tgt Ion:244 Resp: 705147

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

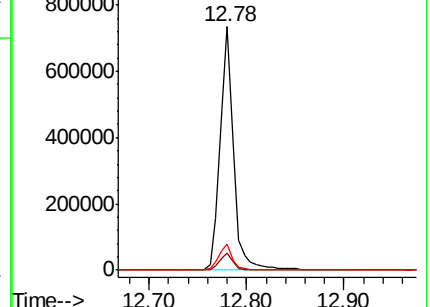
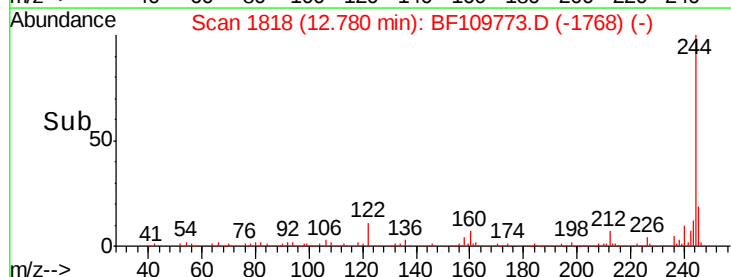
122 10.7 8.7 13.1

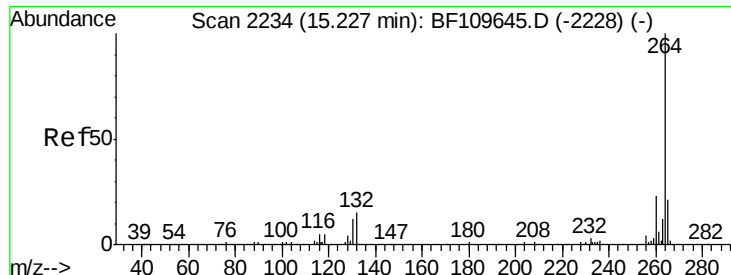


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

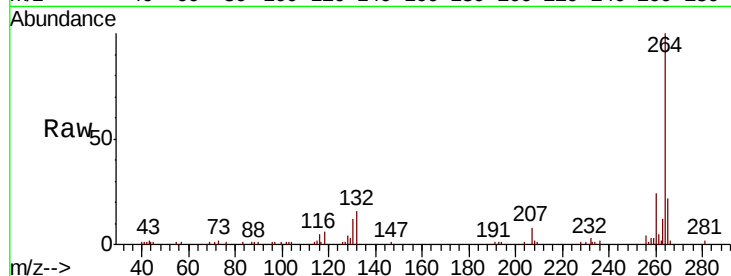




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

Instrument :
BNA_F
ClientSampleId :
FL-PIT-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	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

