

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109719.D
 Acq On : 10 Oct 2018 2:32
 Operator : JU/SJ
 Sample : J5326-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-4

Quant Time: Oct 10 03:10:04 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

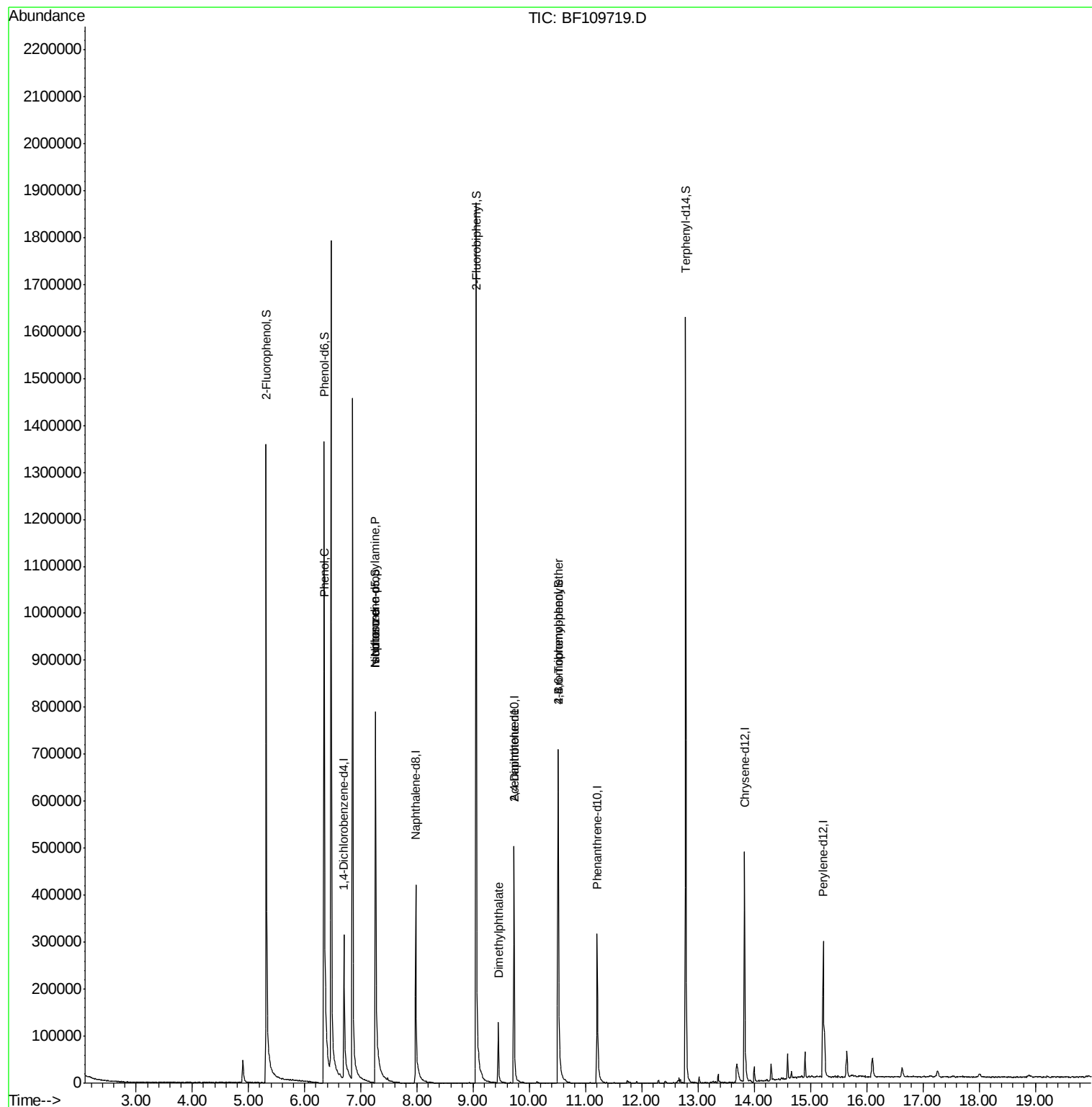
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	76586	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	295725	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	119120	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	197721	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210664	20.00	ng	0.00
86) Perylene-d12	15.23	264	173122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	515295	119.43	ng	0.00
7) Phenol-d6	6.35	99	696288	120.80	ng	-0.01
23) Nitrobenzene-d5	7.26	82	448939	83.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	130757	100.74	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	741948	85.78	ng	0.00
78) Terphenyl-d14	12.78	244	609386	56.00	ng	0.00
Target Compounds						
10) Phenol	6.36	94	25273	3.824	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	56627	14.009	ng	# 78
25) Isophorone	7.26	82	450411	50.559	ng	# 67
49) Dimethylphthalate	9.45	163	67914	7.774	ng	100
56) 2,4-Dinitrotoluene	9.72	165	14620	6.186	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	7594	3.343	ng	# 1

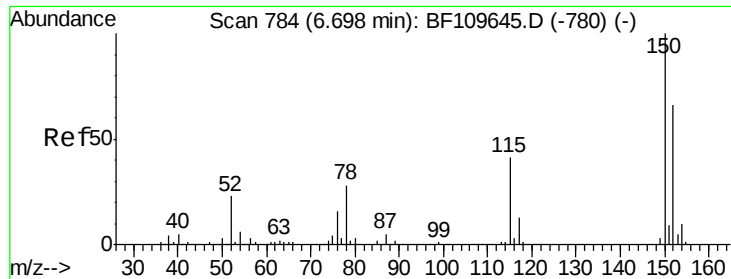
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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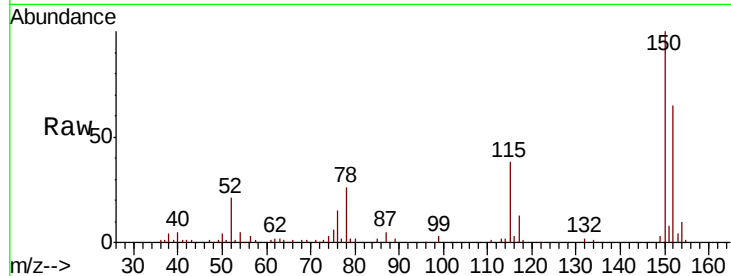


#1

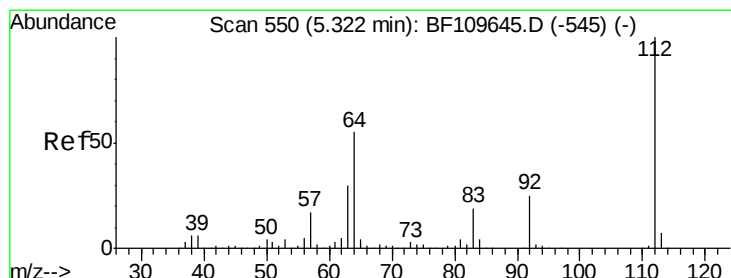
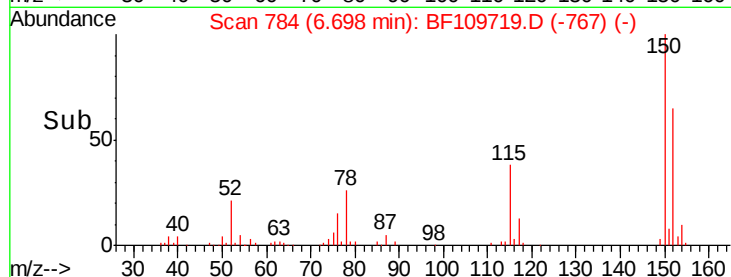
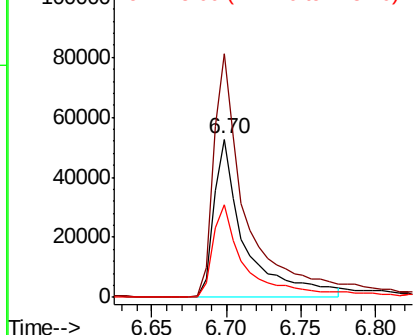
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109719.D
Acq: 10 Oct 2018 2:32

Instrument :
BNA_F
ClientSampleId :
FL-PIT-4

Tgt Ion:152 Resp: 76586
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 58.3 49.1 73.7



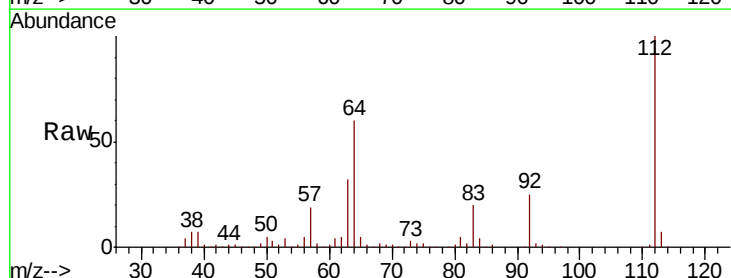
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



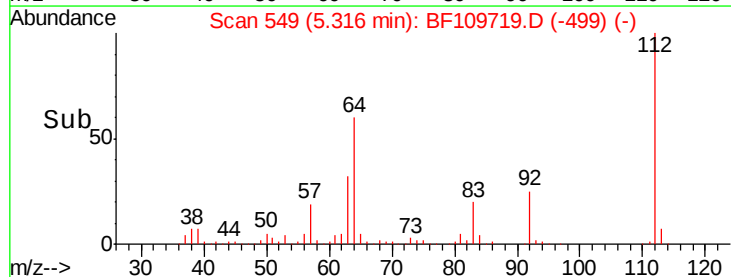
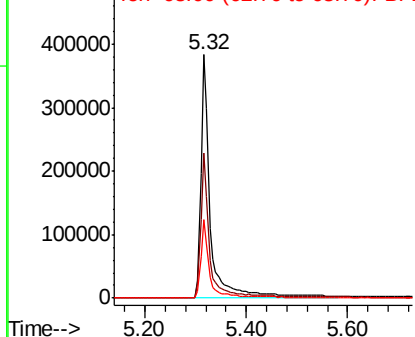
#5

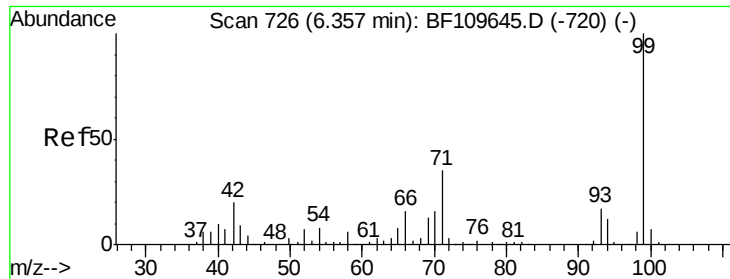
2-Fluorophenol
Concen: 119.430 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109719.D
Acq: 10 Oct 2018 2:32

Tgt Ion:112 Resp: 515295
Ion Ratio Lower Upper
112 100
64 59.7 44.1 66.1
63 32.2 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: 120.802 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109719.D

Acq: 10 Oct 2018 2:32

Instrument :

BNA_F

ClientSampled :

FL-PIT-4

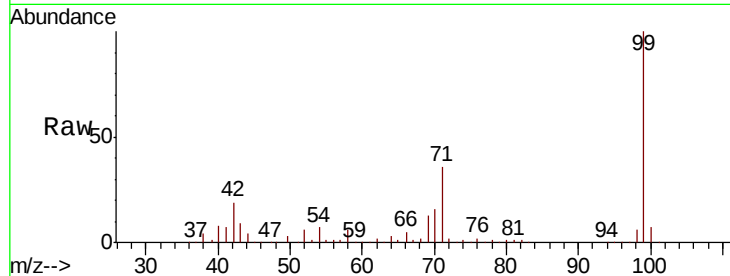
Tgt Ion: 99 Resp: 696288

Ion Ratio Lower Upper

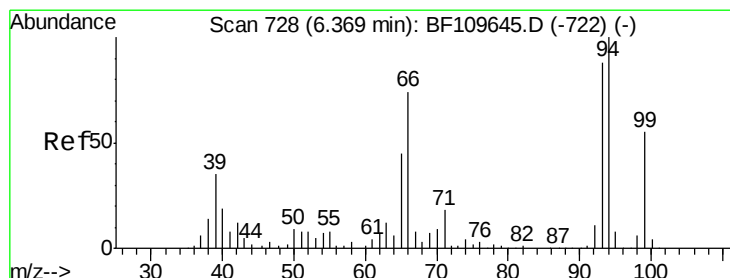
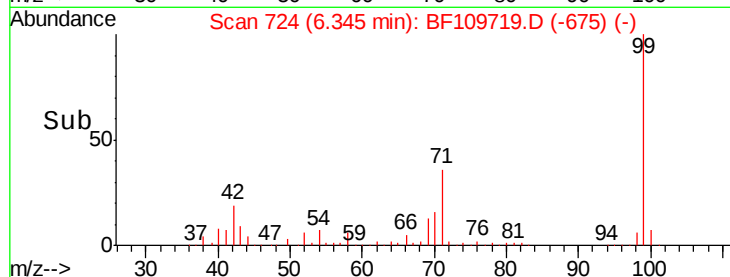
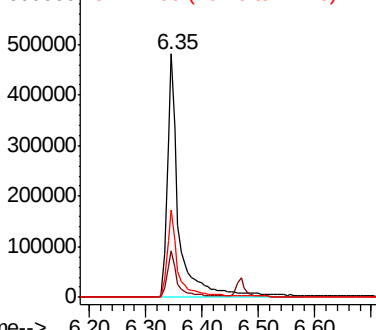
99 100

42 19.3 15.8 23.6

71 36.1 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



#10

Phenol

Concen: 3.824 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109719.D

Acq: 10 Oct 2018 2:32

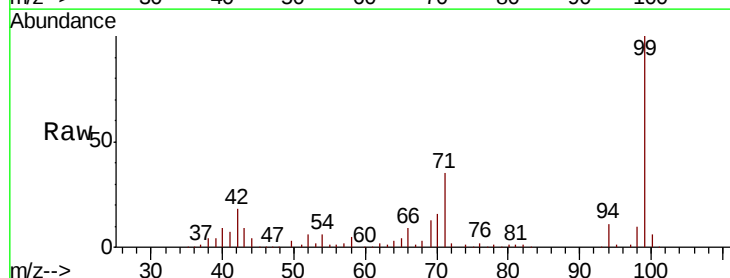
Tgt Ion: 94 Resp: 25273

Ion Ratio Lower Upper

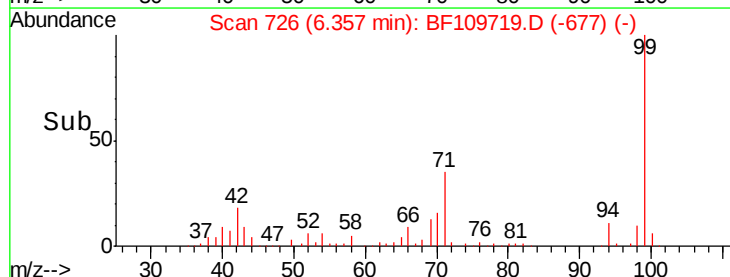
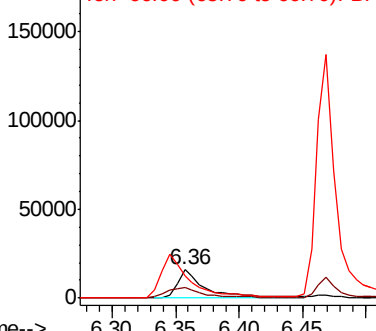
94 100

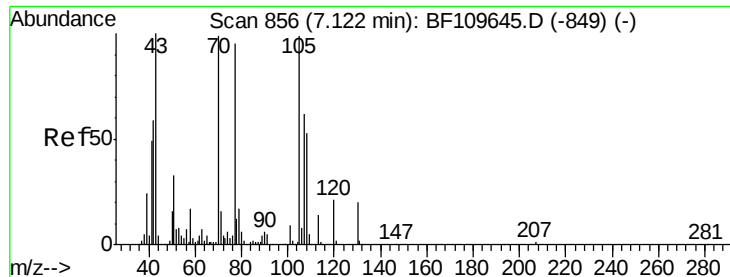
65 37.6 25.3 65.3

66 80.0 54.5 94.5



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

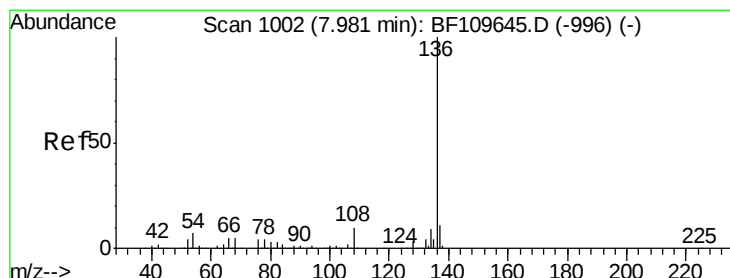
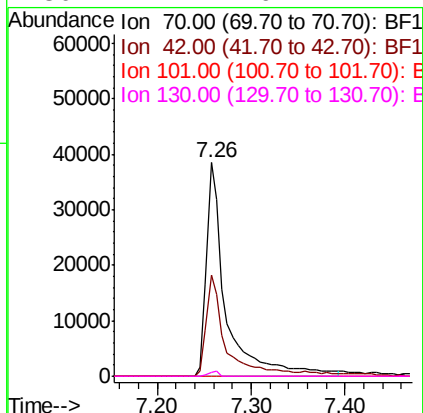
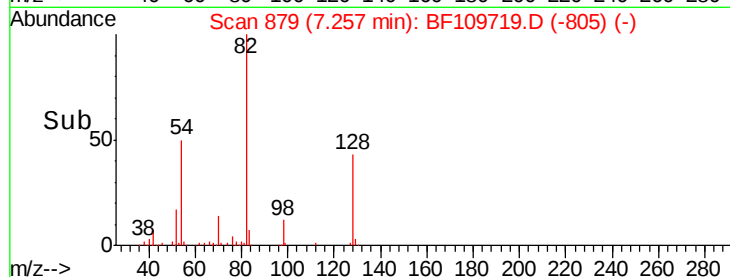
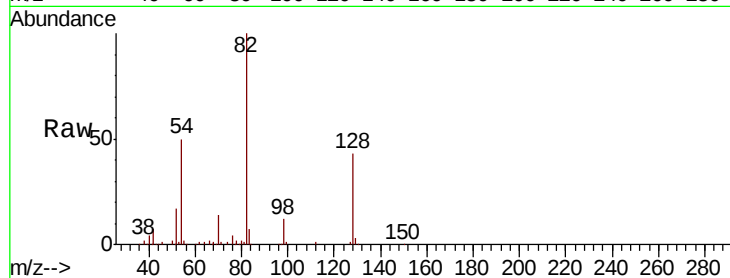




#19
n-Nitroso-di-n-propylamine
Concen: 14.009 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109719.D
Acq: 10 Oct 2018 2:32

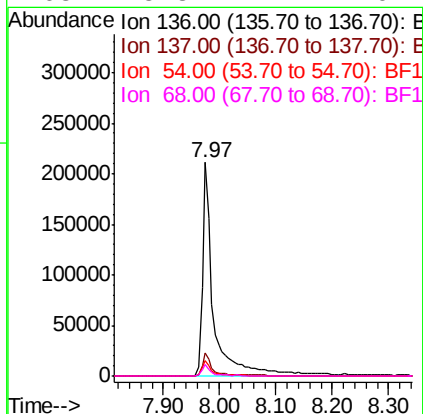
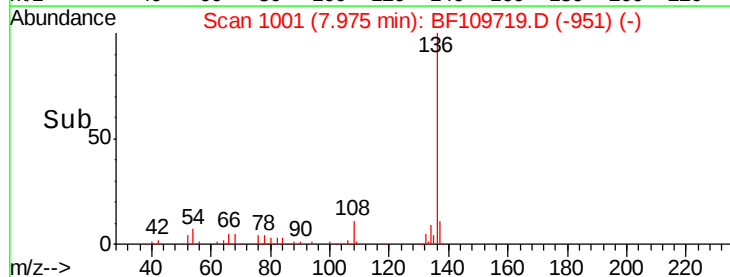
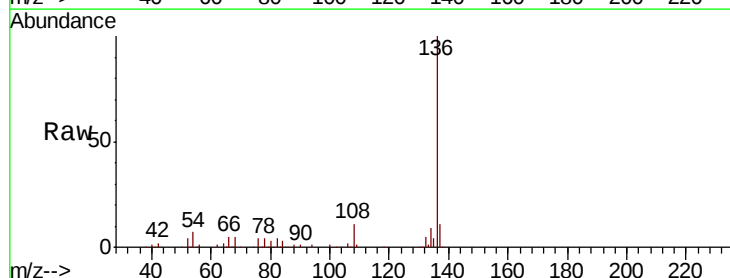
Instrument :
BNA_F
ClientSampleId :
FL-PIT-4

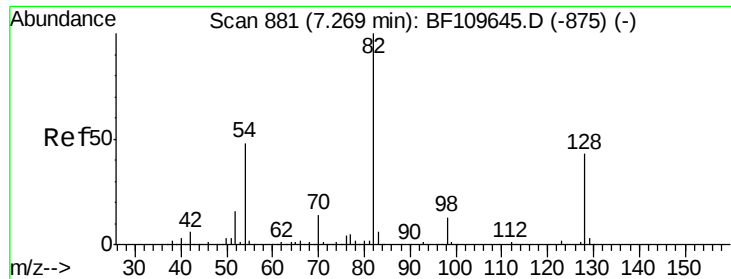
Tgt Ion: 70 Resp: 56627
Ion Ratio Lower Upper
70 100
42 47.3 47.4 71.2#
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109719.D
Acq: 10 Oct 2018 2:32

Tgt Ion: 136 Resp: 295725
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.1 5.4 8.2
68 5.3 4.2 6.2

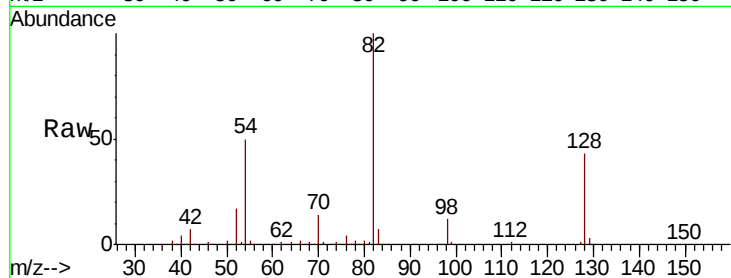




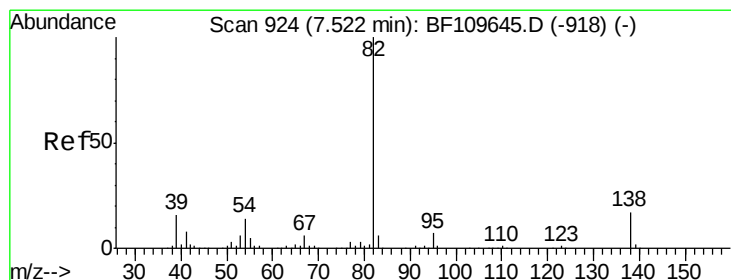
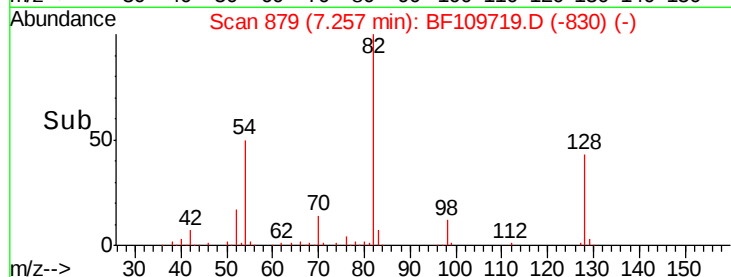
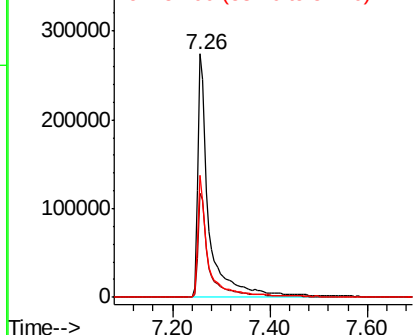
#23
 Nitrobenzene-d5
 Concen: 83.683 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109719.D
 Acq: 10 Oct 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-4

Tgt Ion: 82 Resp: 448939
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.2 51.2
 54 49.9 38.6 58.0

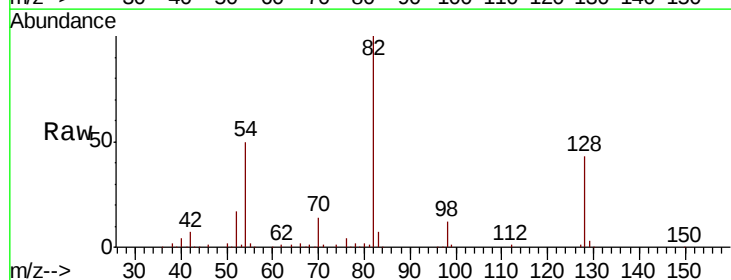


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

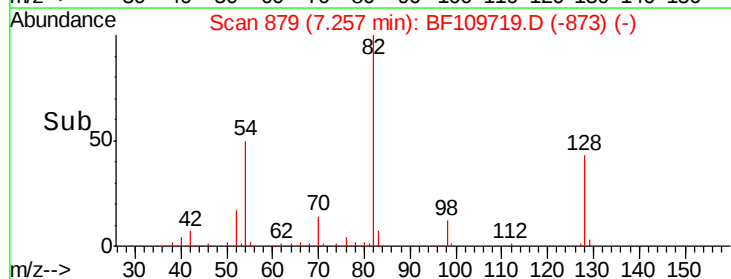
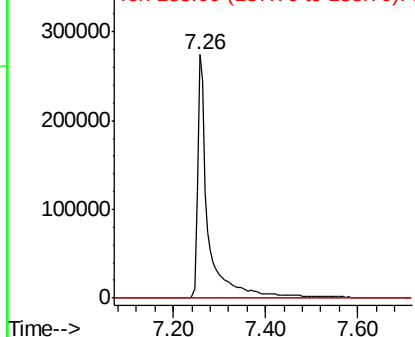


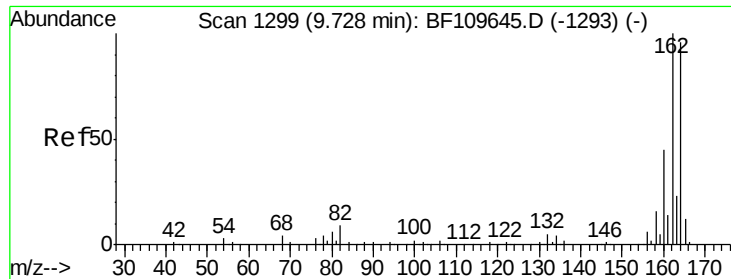
#25
 Isophorone
 Concen: 50.559 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109719.D
 Acq: 10 Oct 2018 2:32

Tgt Ion: 82 Resp: 450411
 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

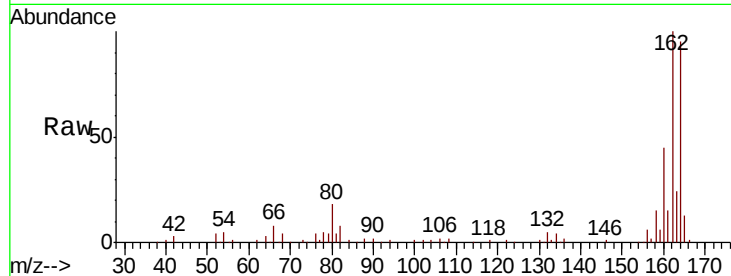




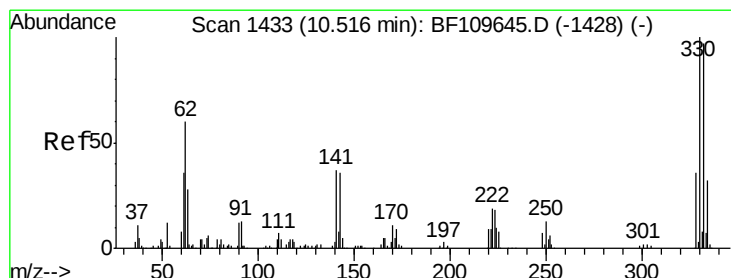
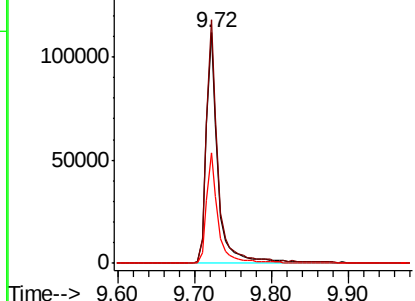
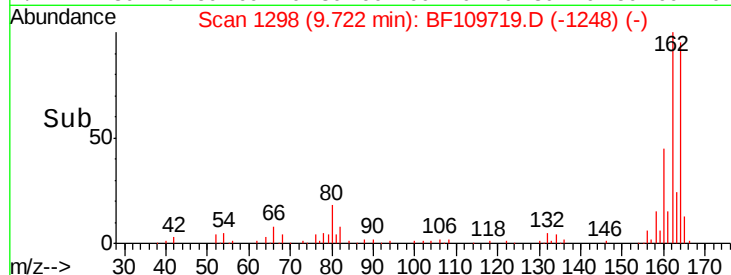
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109719.D
 Acq: 10 Oct 2018 2:32

Instrument :
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 ClientSampleId :
 FL-PIT-4

Tgt Ion:164 Resp: 119120
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.0 124.6
 160 47.7 37.0 55.6

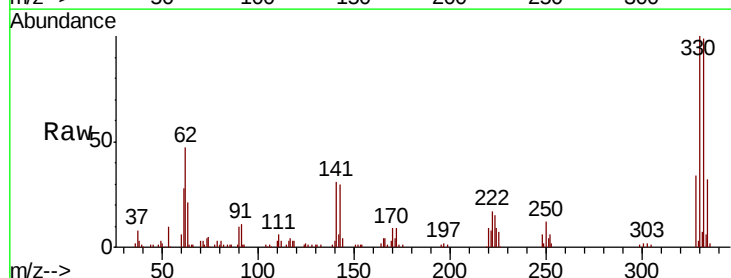


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

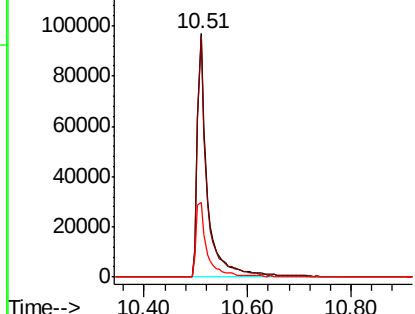
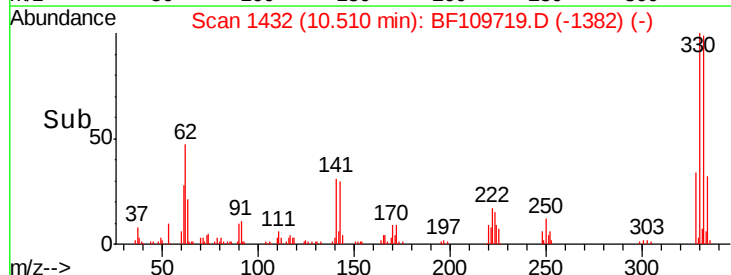


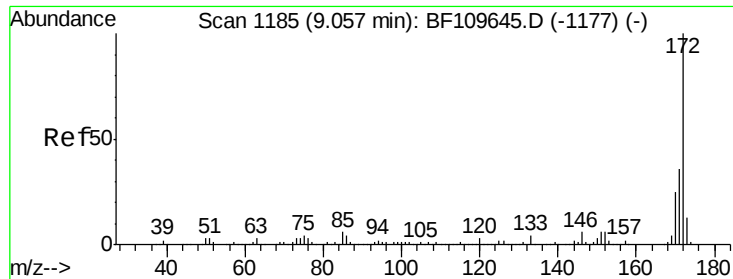
#41
 2,4,6-Tribromophenol
 Concen: 100.742 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109719.D
 Acq: 10 Oct 2018 2:32

Tgt Ion:330 Resp: 130757
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 33.3 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

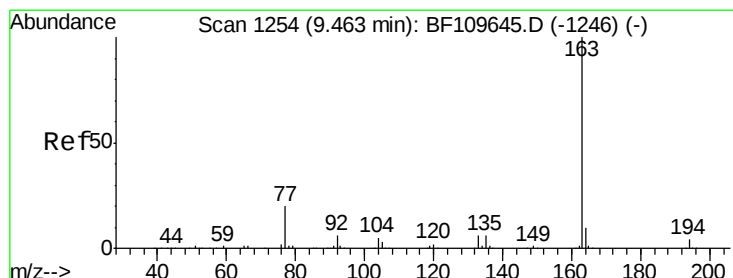
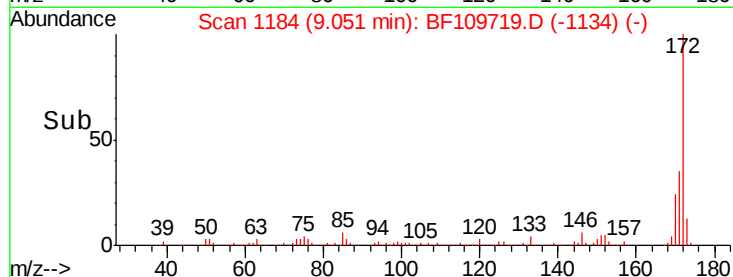
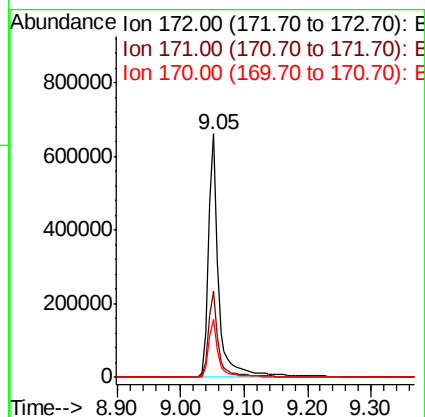
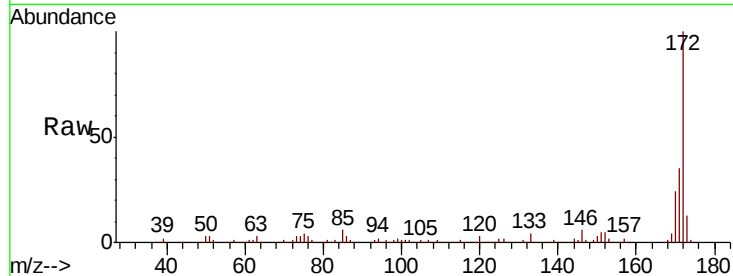




#44
2-Fluorobiphenyl
Concen: 85.783 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109719.D
Acq: 10 Oct 2018 2:32

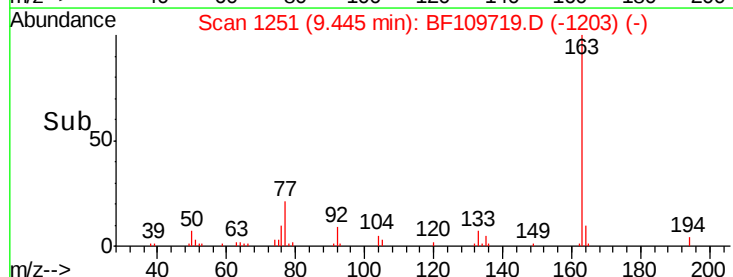
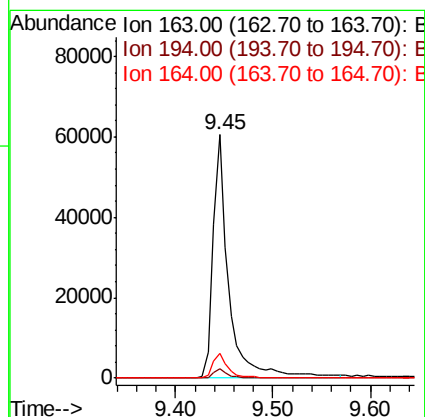
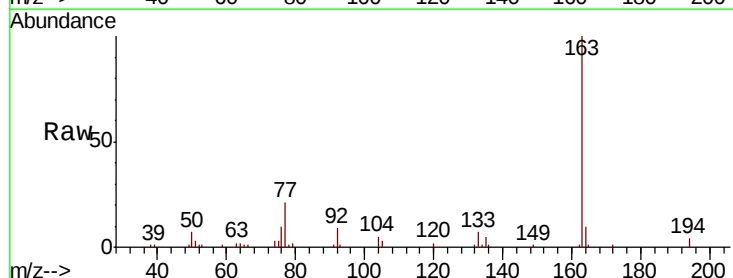
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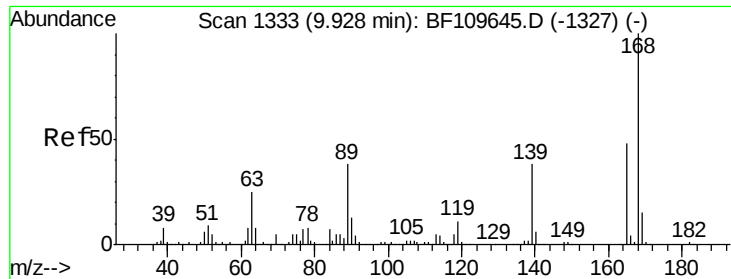
Tgt Ion:172 Resp: 741948
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.7 29.5



#49
Dimethylphthalate
Concen: 7.774 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109719.D
Acq: 10 Oct 2018 2:32

Tgt Ion:163 Resp: 67914
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.1 12.1

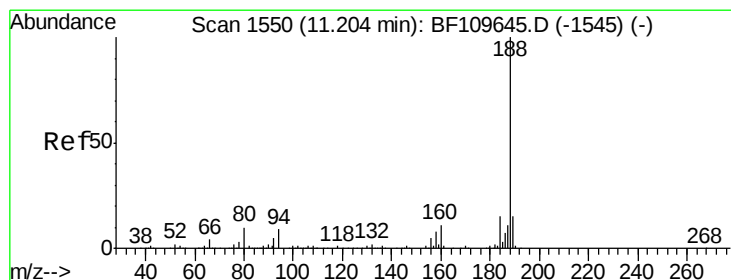
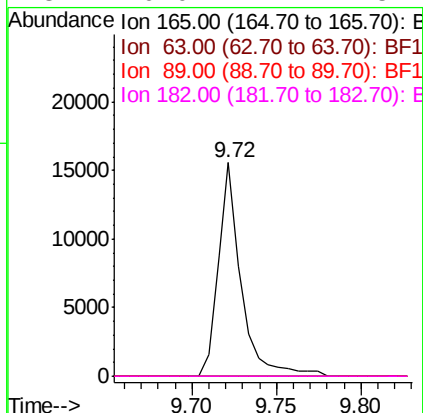
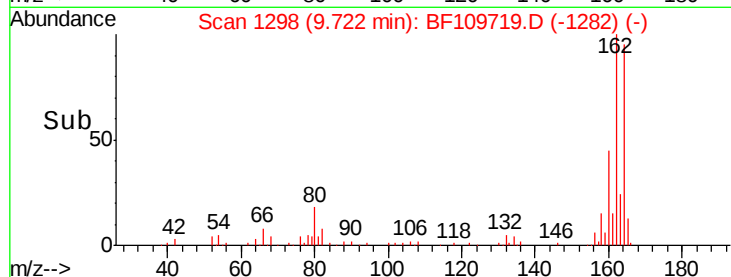
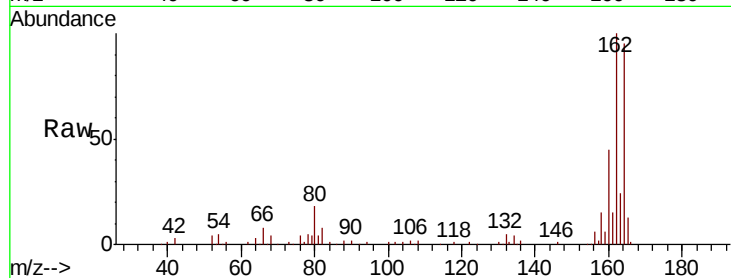




#56
 2,4-Dinitrotoluene
 Concen: 6.186 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109719.D
 Acq: 10 Oct 2018 2:32

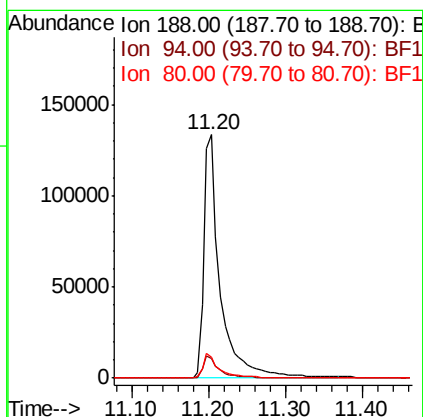
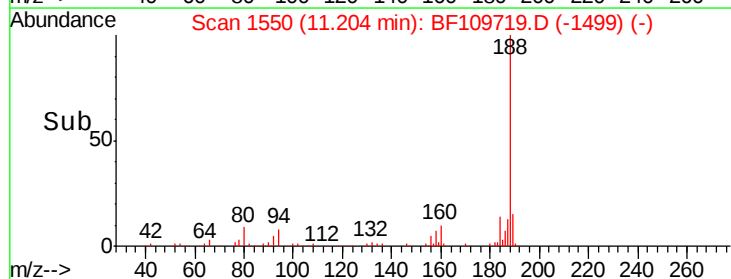
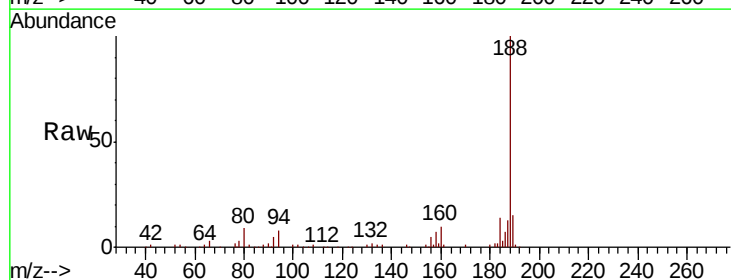
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-4

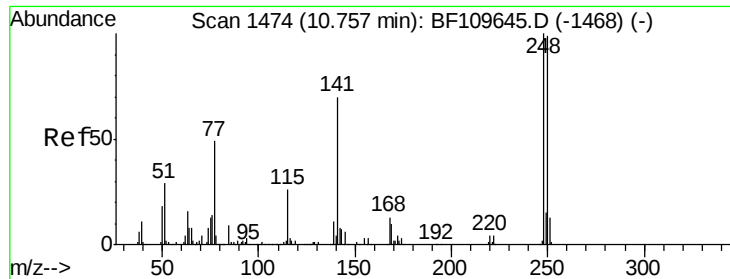
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109719.D
 Acq: 10 Oct 2018 2:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.8	7.9	11.9

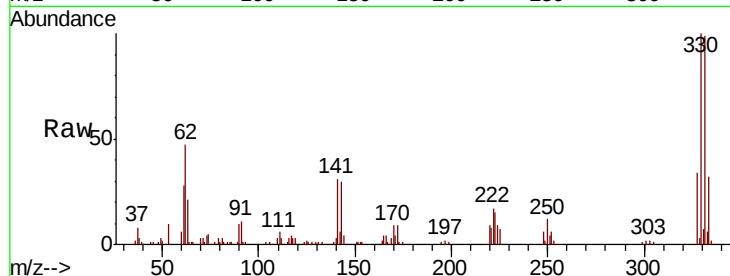




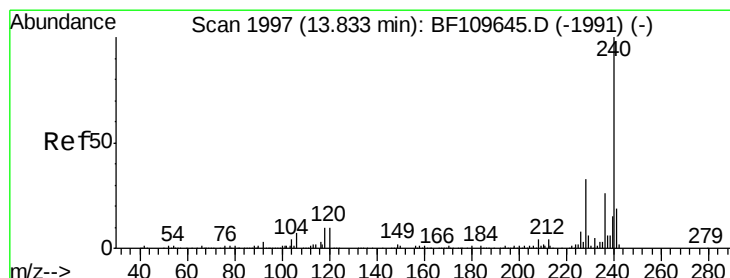
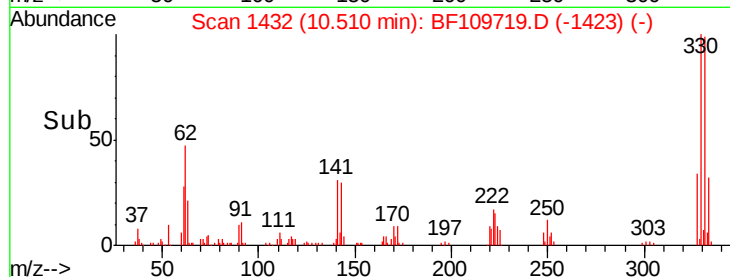
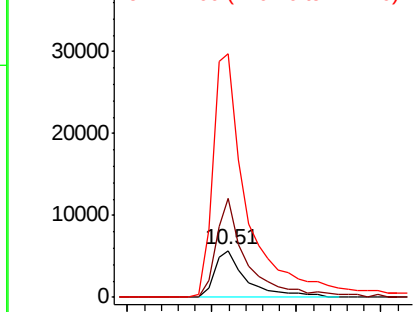
#66
 4-Bromophenyl-phenylether
 Concen: 3.343 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109719.D
 Acq: 10 Oct 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-4

Tgt Ion: 248 Resp: 7594
 Ion Ratio Lower Upper
 248 100
 250 210.8 79.4 119.2#
 141 519.5 55.9 83.9#

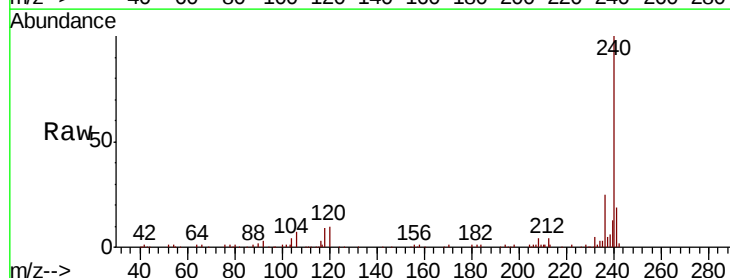


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

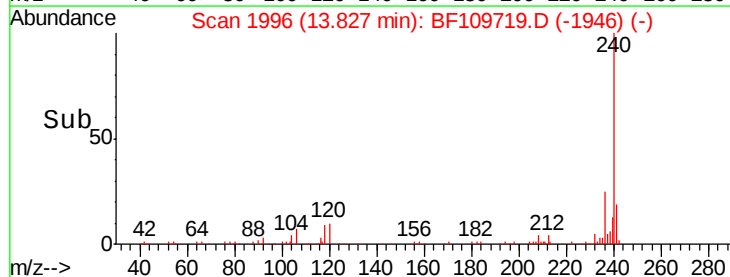
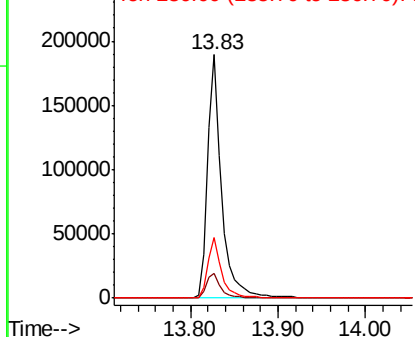


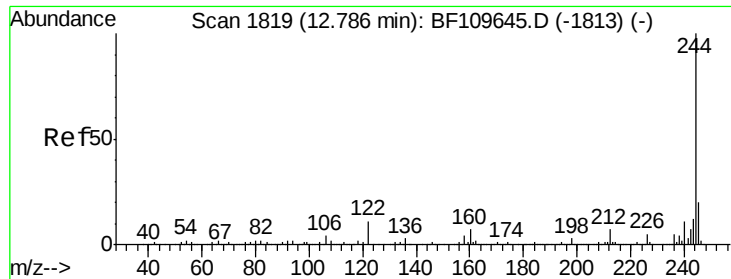
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109719.D
 Acq: 10 Oct 2018 2:32

Tgt Ion: 240 Resp: 210664
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 24.6 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: 55.998 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109719.D

Acq: 10 Oct 2018 2:32

Instrument :

BNA_F

ClientSampleId :

FL-PIT-4

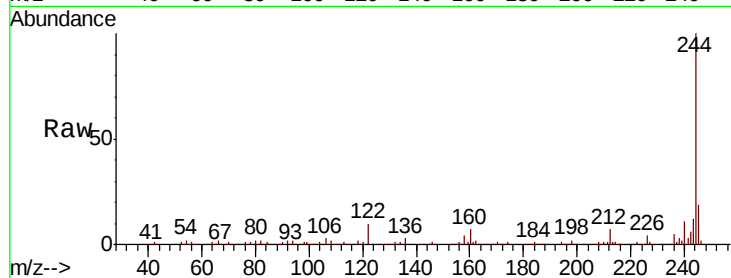
Tgt Ion:244 Resp: 609386

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

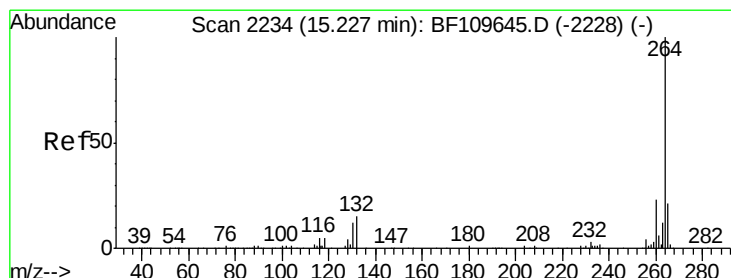
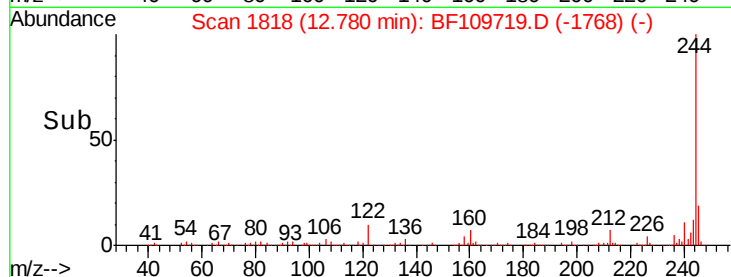
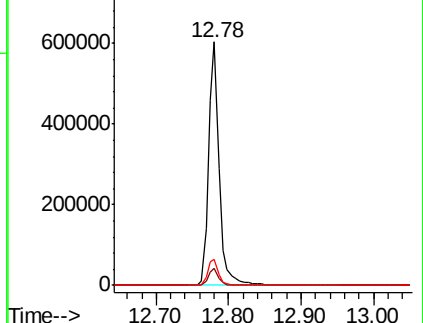
122 10.5 8.7 13.1



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: BF109719.D

Acq: 10 Oct 2018 2:32

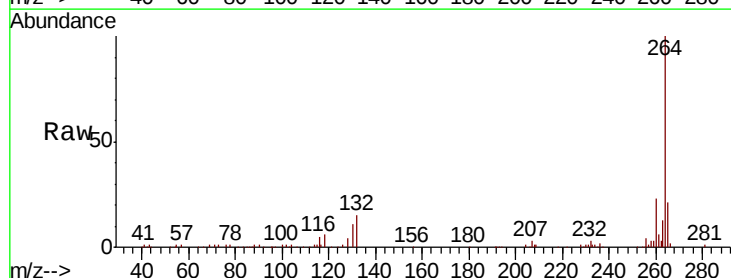
Tgt Ion:264 Resp: 173122

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.4 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

