

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 07:39:58 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

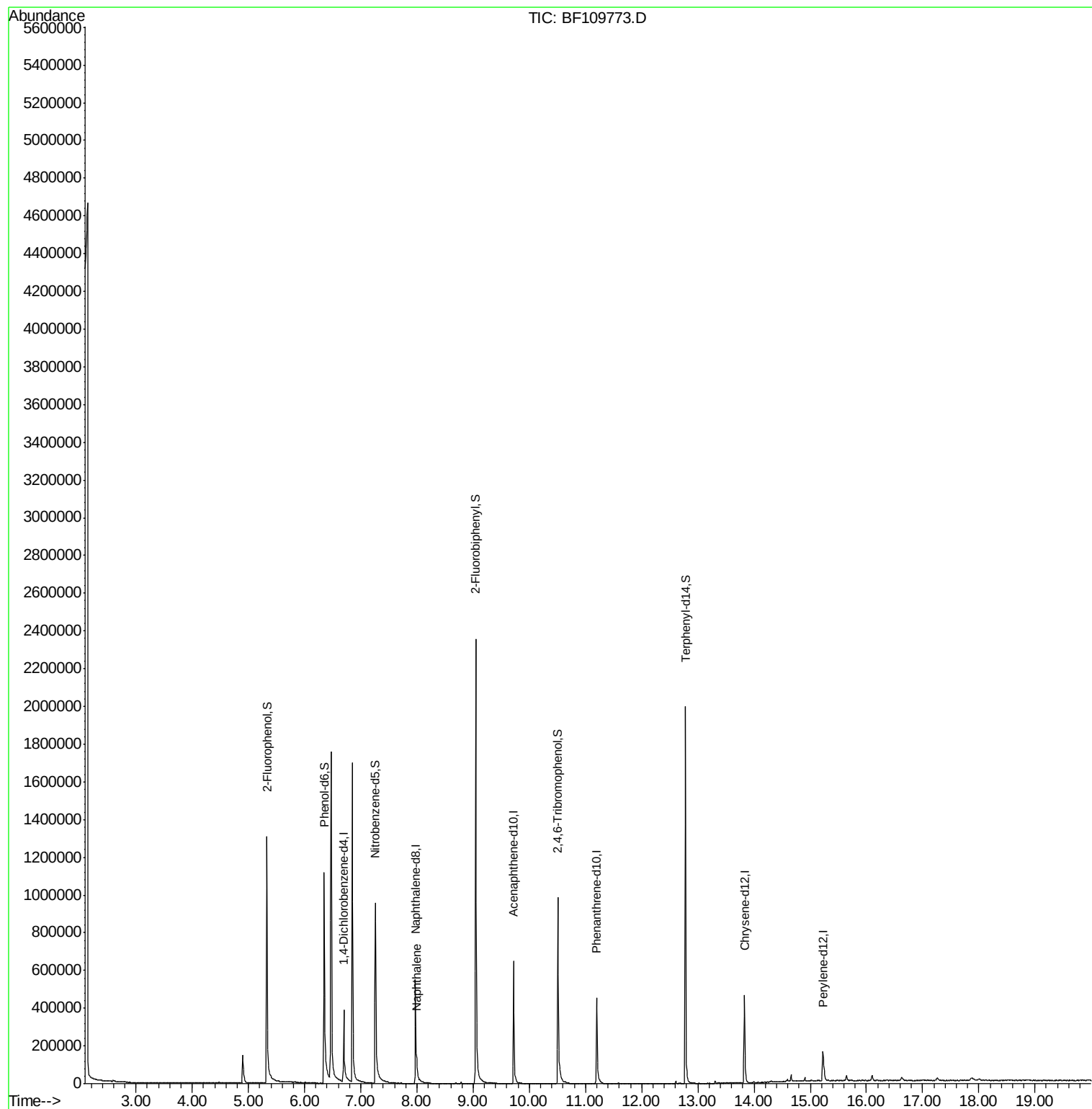
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85032	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	344032	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	149937	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	255895	20.00	ng	0.00
75) Chrysene-d12	13.83	240	220193	20.00	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						
31) Naphthalene	8.00	128	60743	3.818	ng	Qvalue 99

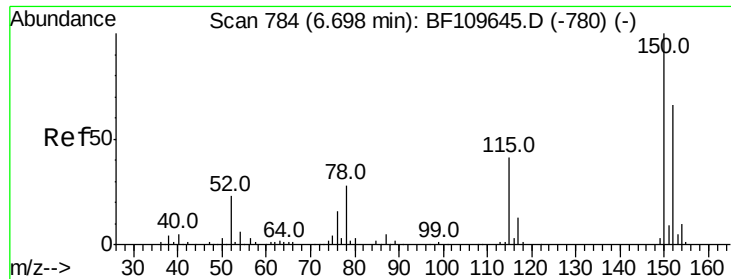
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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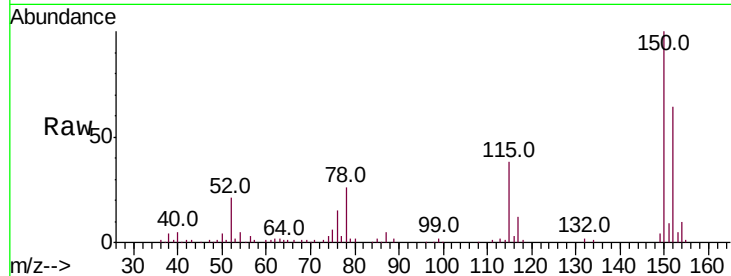


#1

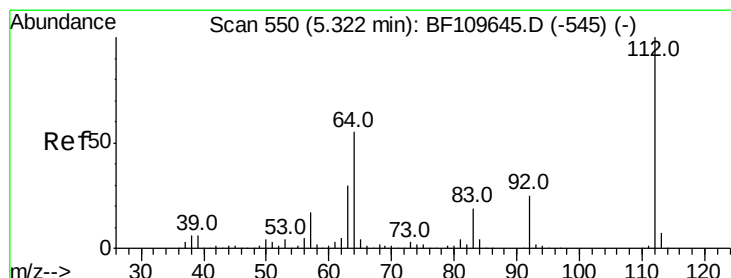
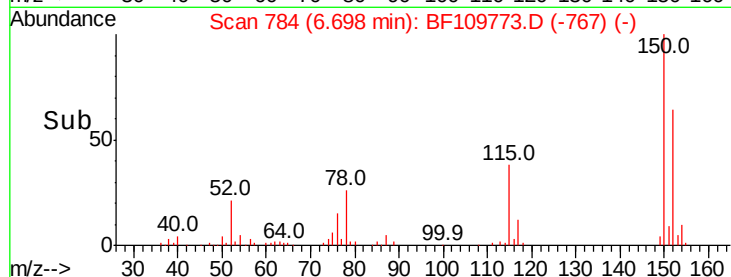
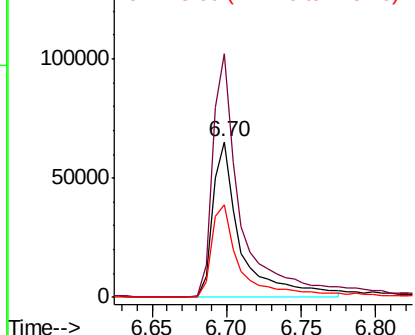
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

Instrument :
BNA_F
ClientSampleId :
FL-PIT-7

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



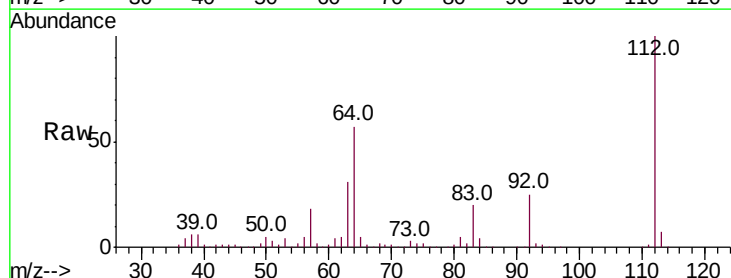
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



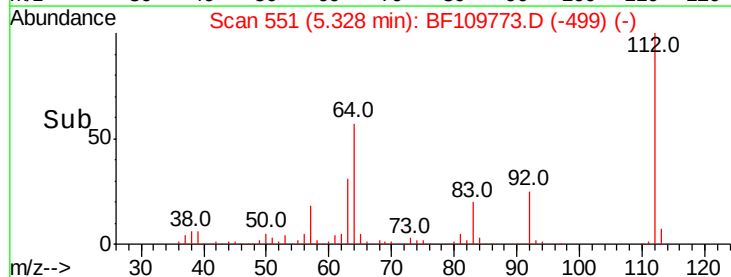
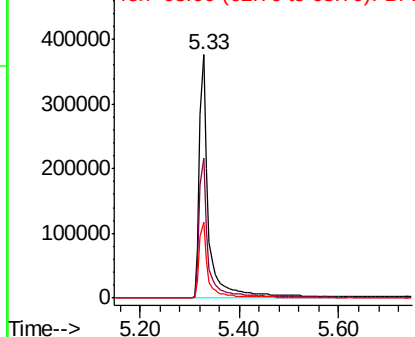
#5

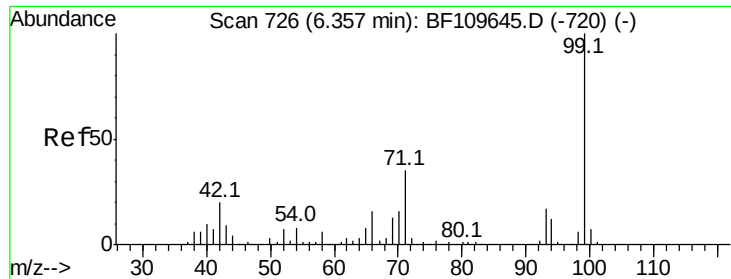
2-Fluorophenol
Concen: 104.174 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109773.D
Acq: 11 Oct 2018 6:15

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

ClientSampled :

FL-PIT-7

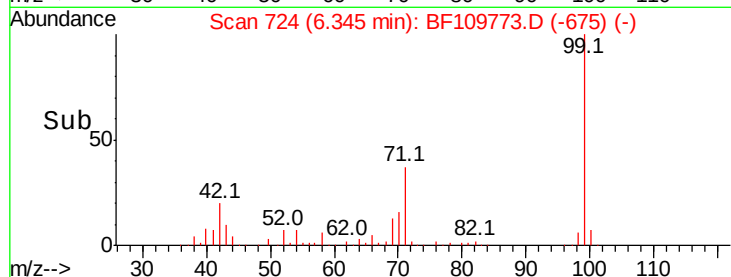
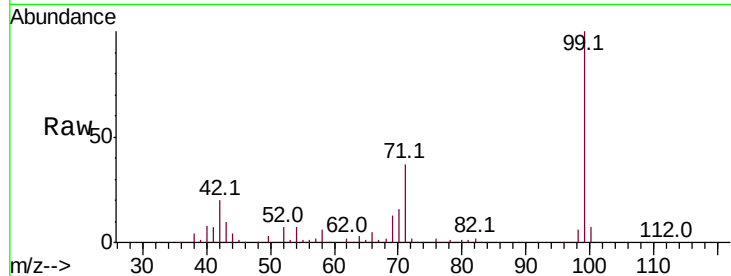
Tot Ion: 99 Resp: 611027

Ion Ratio Lower Upper

99 100

42 20.4 15.8 23.6

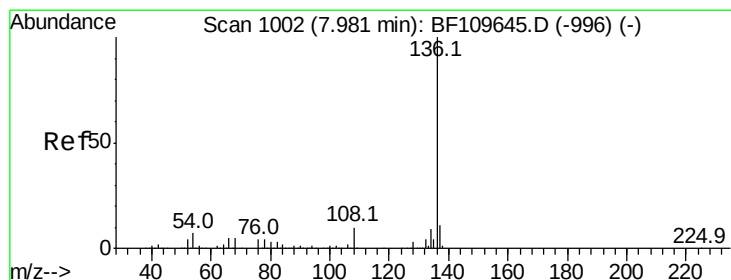
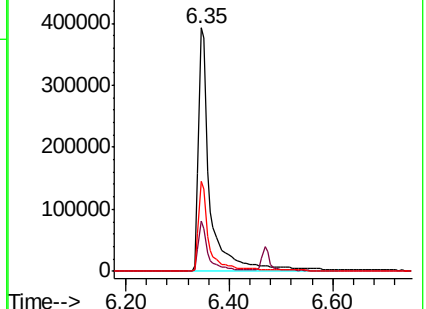
71 36.7 28.0 42.0



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



#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

Tgt Ion:136 Resp: 344032

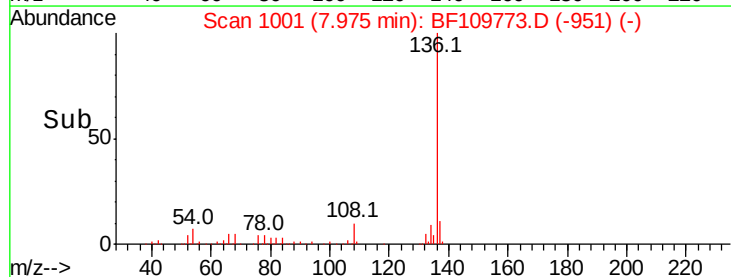
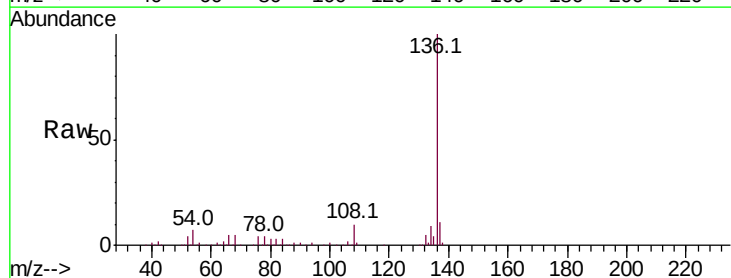
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.4 8.2

68 5.1 4.2 6.2

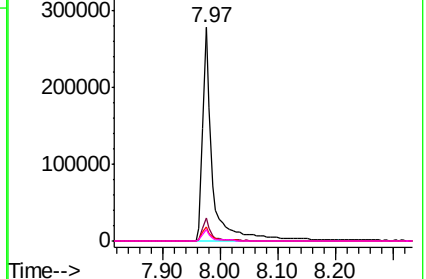


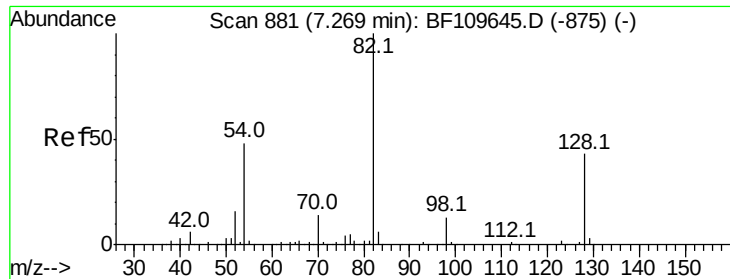
Abundance Ion 136.00 (135.70 to 136.70): E

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

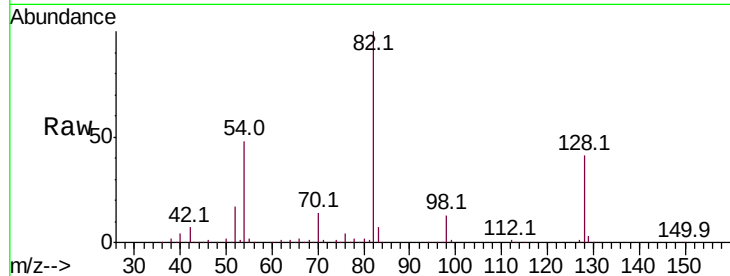




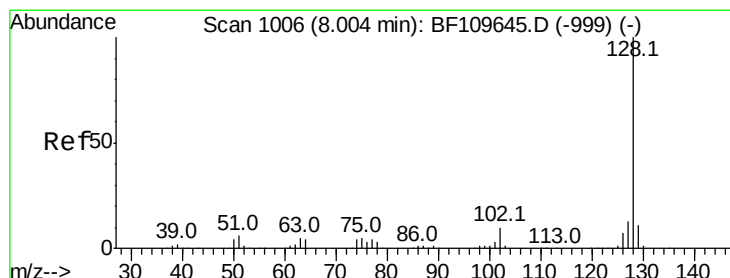
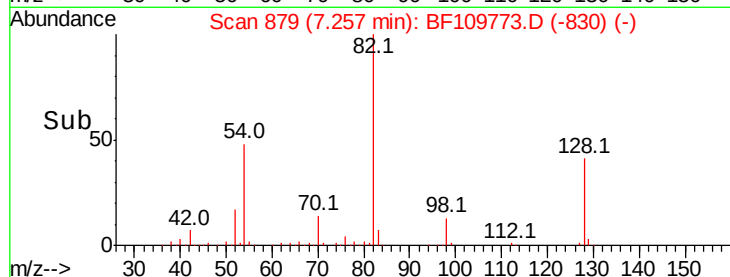
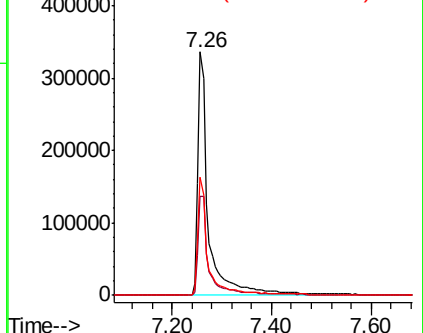
#23
 Nitrobenzene-d5
 Concen: 80.388 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109773.D
 Acq: 11 Oct 2018 6:15

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.2	51.2
54	48.3	38.6	58.0

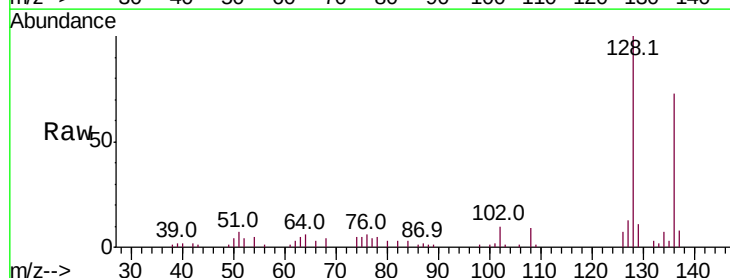


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

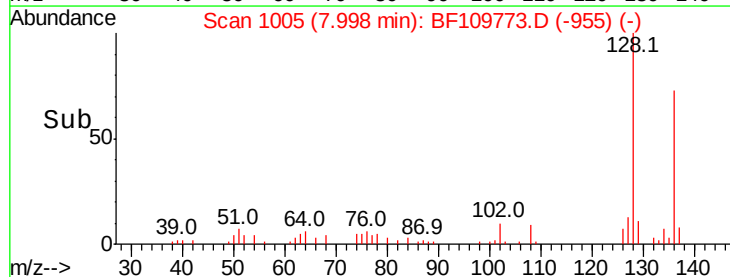
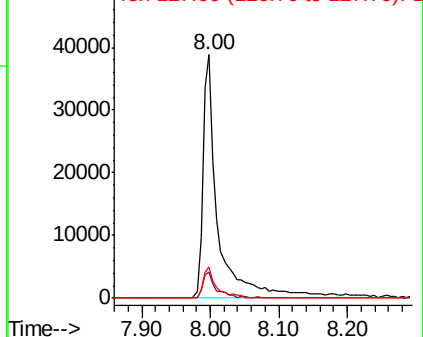


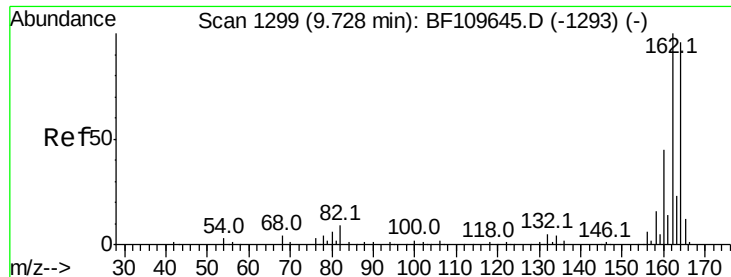
#31
 Naphthalene
 Concen: 3.818 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF109773.D
 Acq: 11 Oct 2018 6:15

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



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

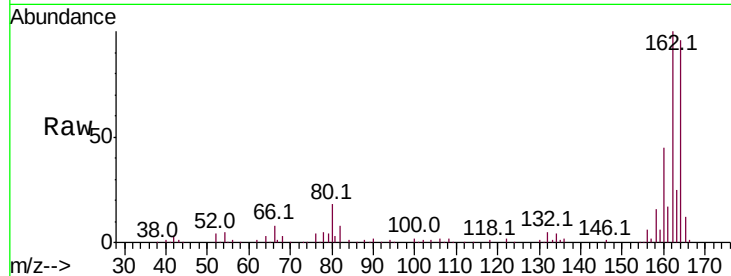




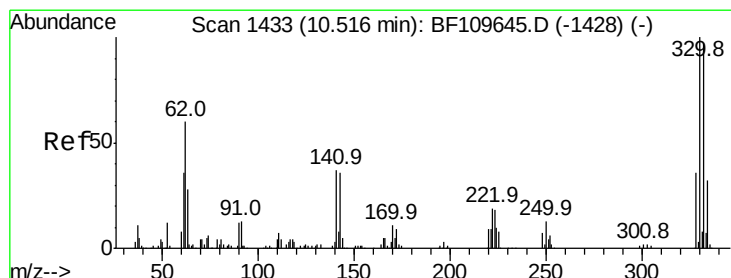
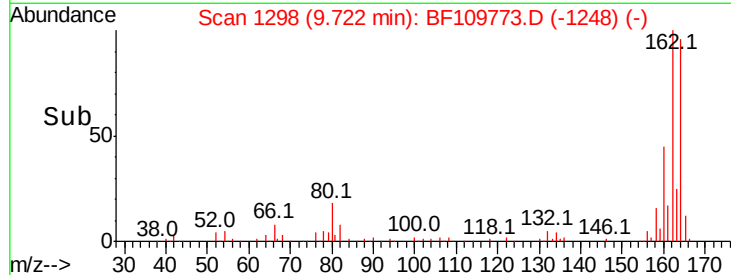
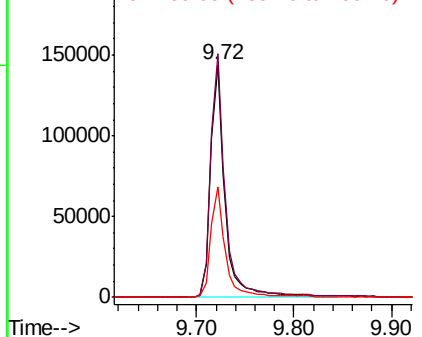
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109773.D
 Acq: 11 Oct 2018 6:15

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-7

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

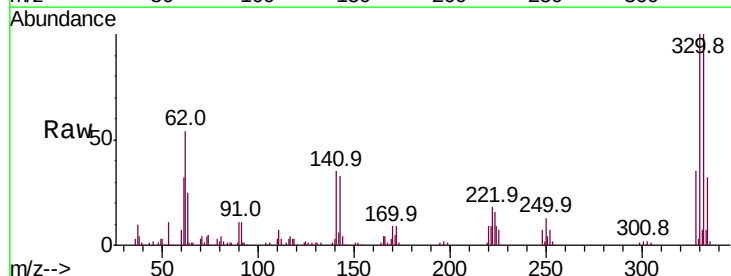


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

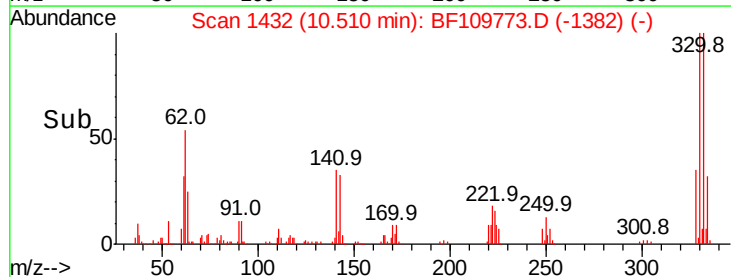
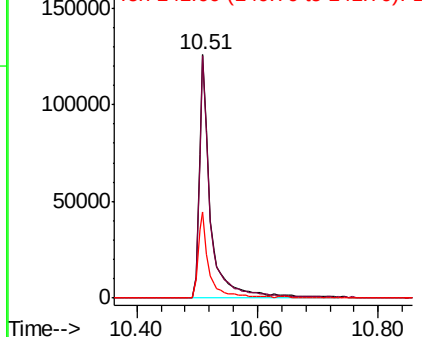


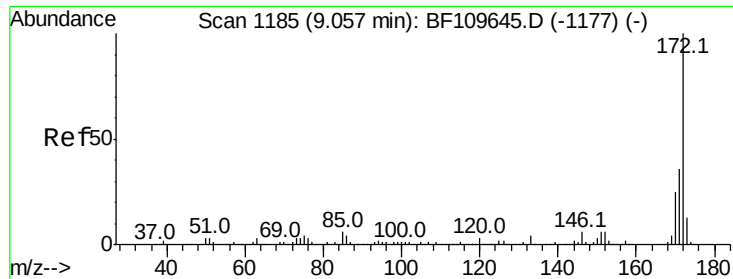
#41
 2,4,6-Tribromophenol
 Concen: 101.471 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109773.D
 Acq: 11 Oct 2018 6:15

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



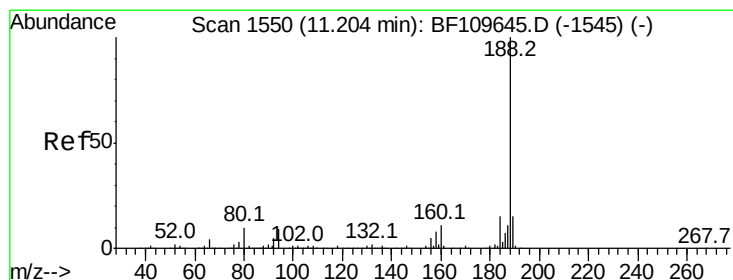
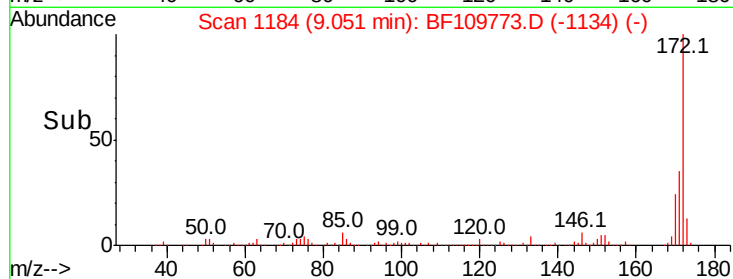
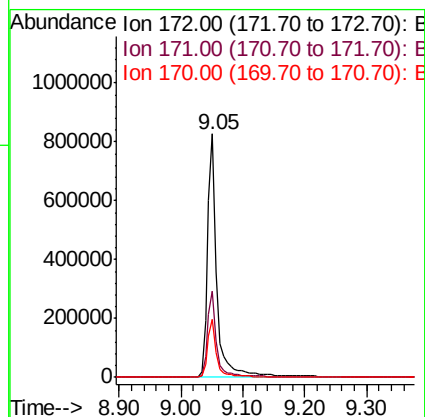
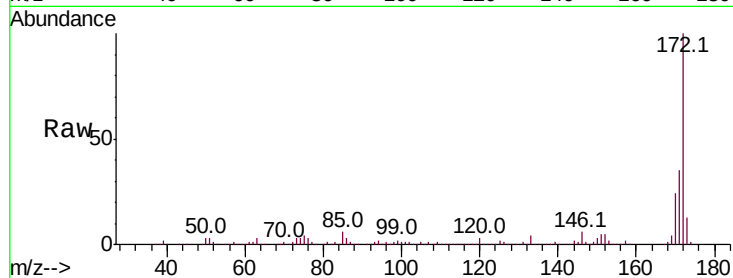


#44
 2-Fluorobiphenyl
 Concen: 82.018 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109773.D
 Acq: 11 Oct 2018 6:15

Instrument :
 BNA_F
 ClientSampled :
 FL-PIT-7

Tot Ion:172 Resp: 892900

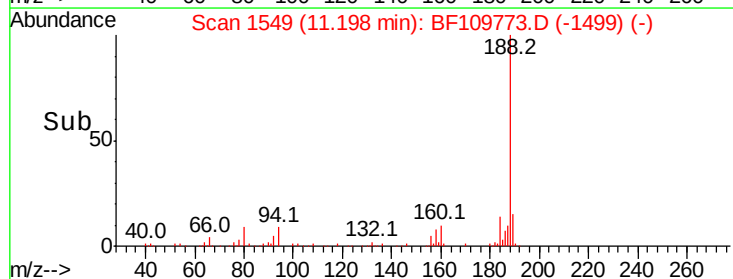
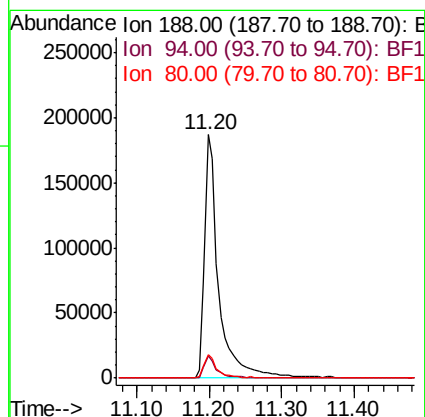
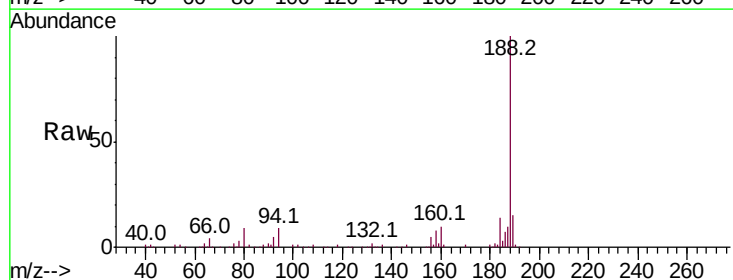
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.9	19.7	29.5

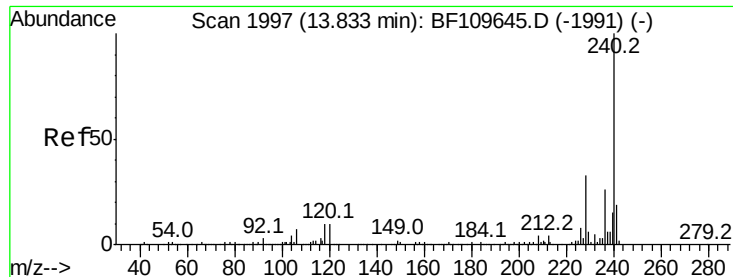


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109773.D
 Acq: 11 Oct 2018 6:15

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





#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

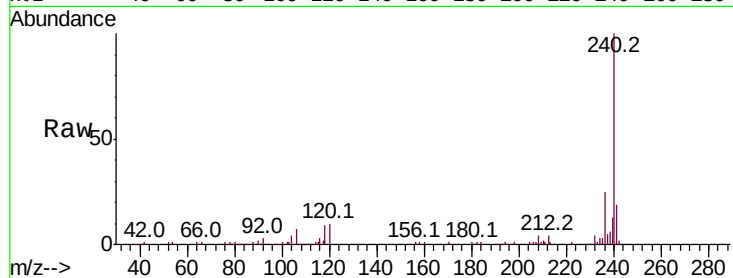
Tot Ion:240 Resp: 220193

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

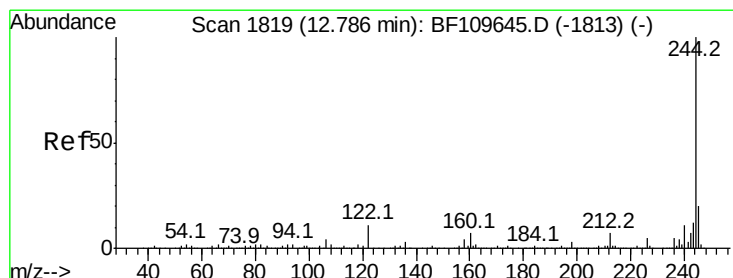
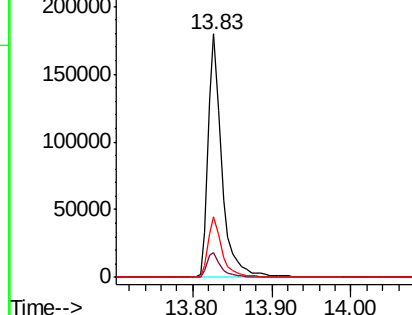
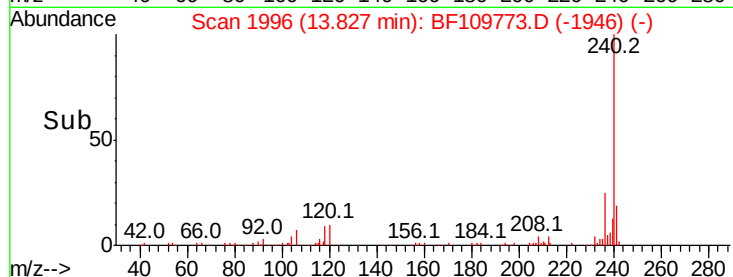
236 24.9 21.2 31.8



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

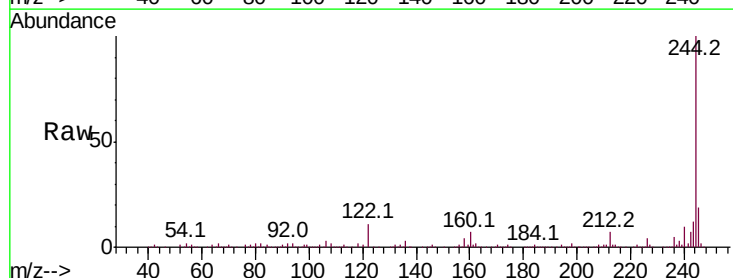
Tgt Ion:244 Resp: 705147

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

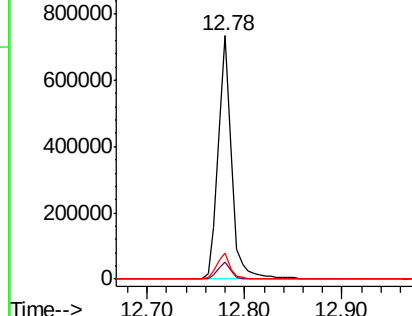
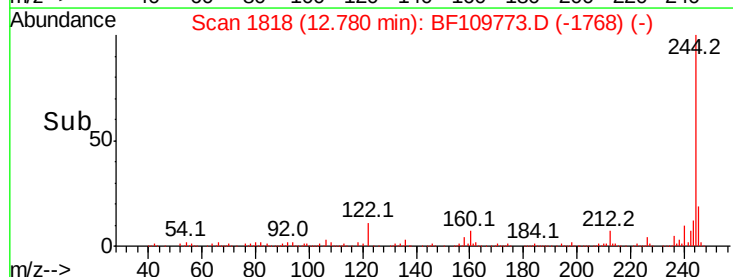
122 10.7 8.7 13.1

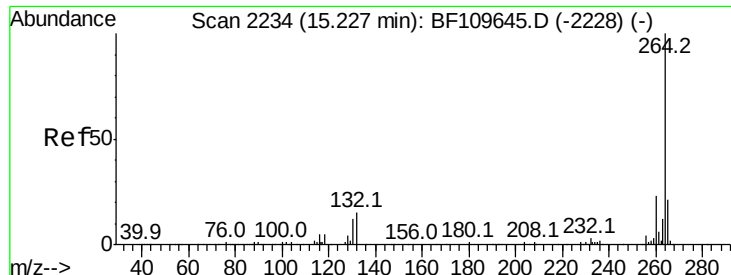


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	16.7	25.1

