

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109722.D
 Acq On : 10 Oct 2018 3:56
 Operator : JU/SJ
 Sample : J5326-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-7

Quant Time: Oct 10 05:15:22 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

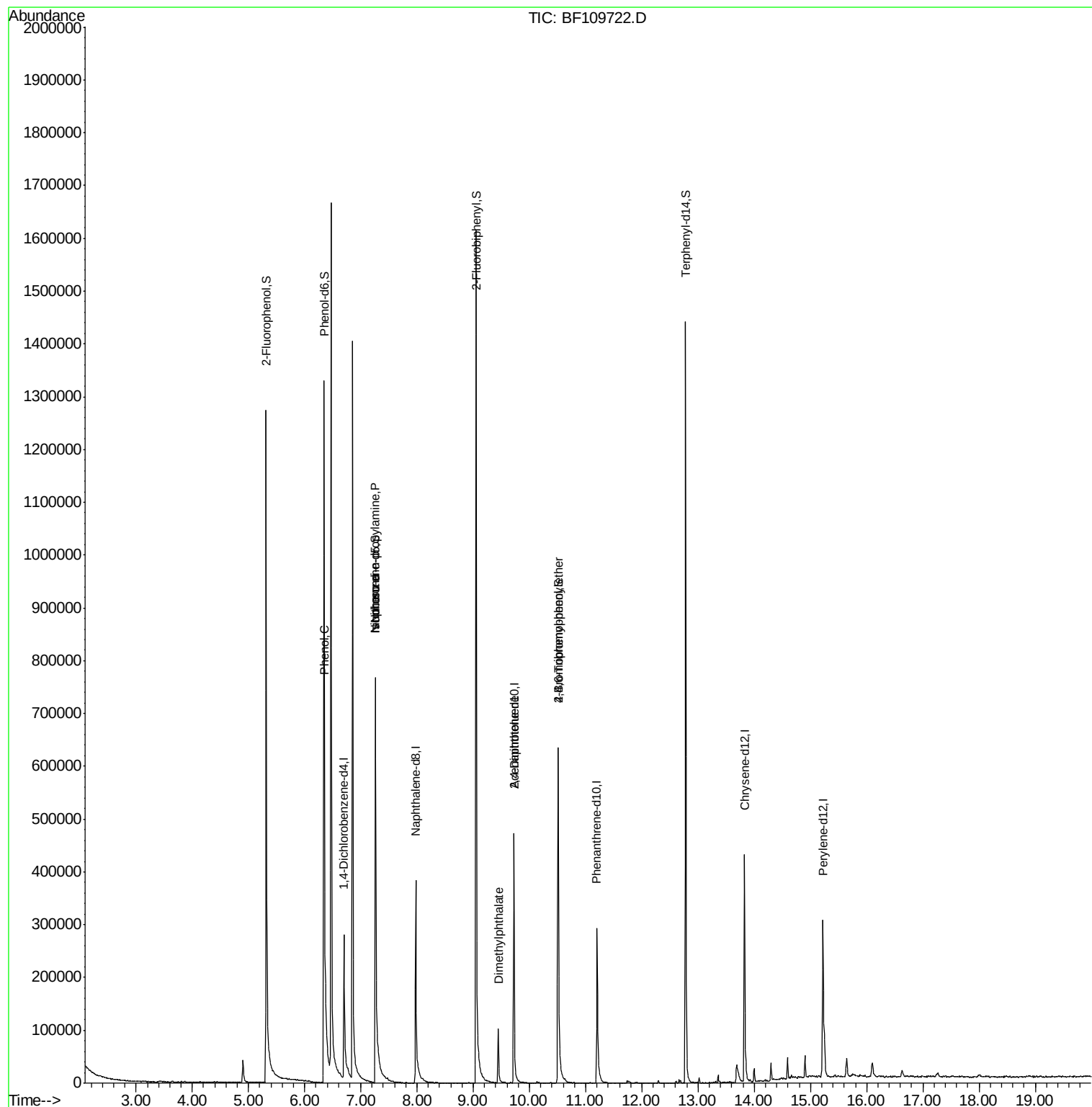
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	70890	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	276999	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	112502	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	190224	20.00	ng	0.00
75) Chrysene-d12	13.83	240	200611	20.00	ng	0.00
86) Perylene-d12	15.22	264	171643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	474312	118.76	ng	0.00
7) Phenol-d6	6.35	99	670700	125.71	ng	-0.01
23) Nitrobenzene-d5	7.26	82	417049	82.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	120453	98.26	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	680061	83.25	ng	0.00
78) Terphenyl-d14	12.78	244	557334	53.78	ng	0.00
Target Compounds						
10) Phenol	6.36	94	22618	3.697	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	54800	14.647	ng	# 76
25) Isophorone	7.26	82	417049	49.979	ng	# 67
49) Dimethylphthalate	9.45	163	64480	7.815	ng	100
56) 2,4-Dinitrotoluene	9.72	165	13669	6.124	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	7014	3.209	ng	# 1

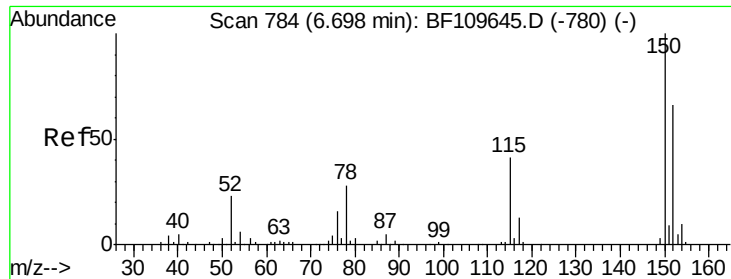
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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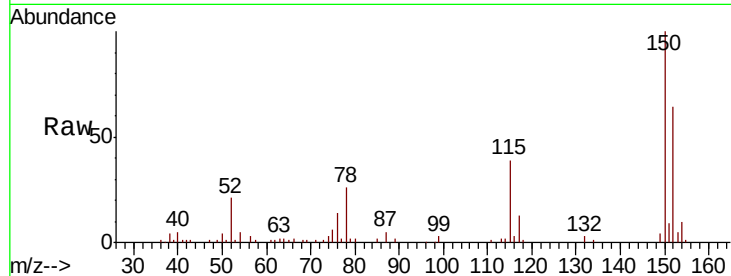


#1

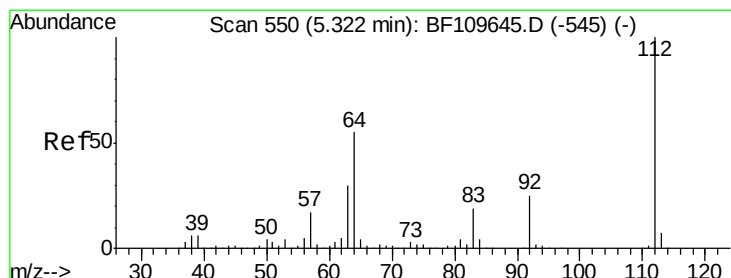
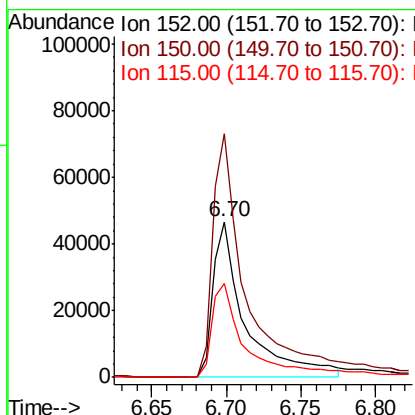
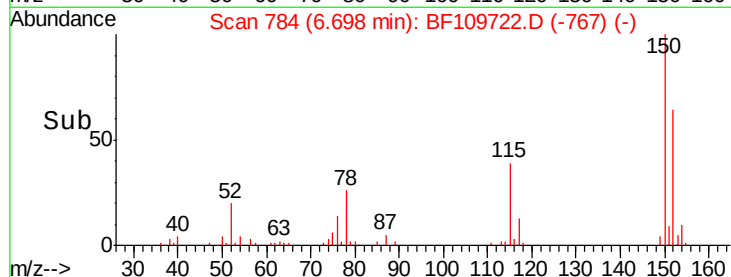
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109722.D
Acq: 10 Oct 2018 3:56

Instrument :
BNA_F
ClientSampled :
FL-PIT-7

Tgt Ion:152 Resp: 70890
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 60.8 49.1 73.7



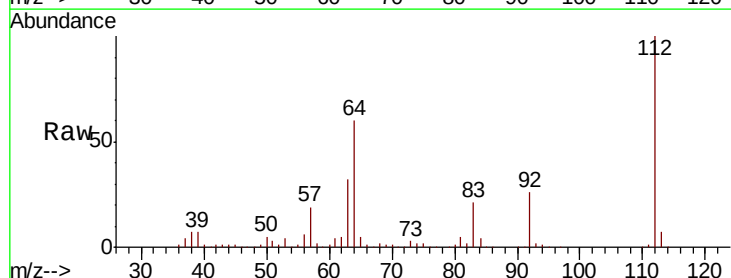
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



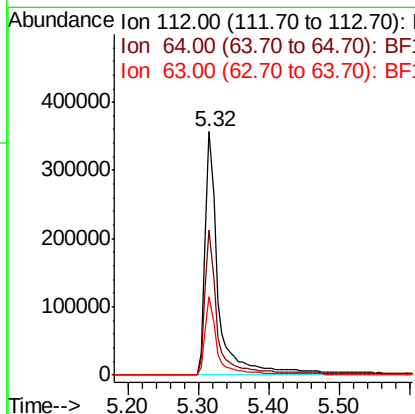
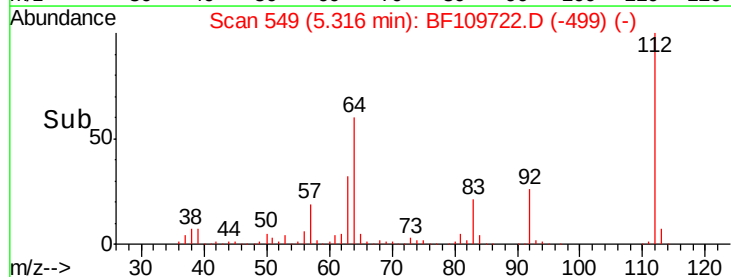
#5

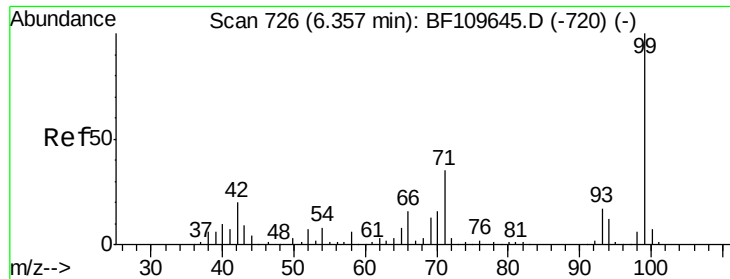
2-Fluorophenol
Concen: 118.764 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109722.D
Acq: 10 Oct 2018 3:56

Tgt Ion:112 Resp: 474312
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 32.5 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: 125.713 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

Instrument :

BNA_F

ClientSampled :

FL-PIT-7

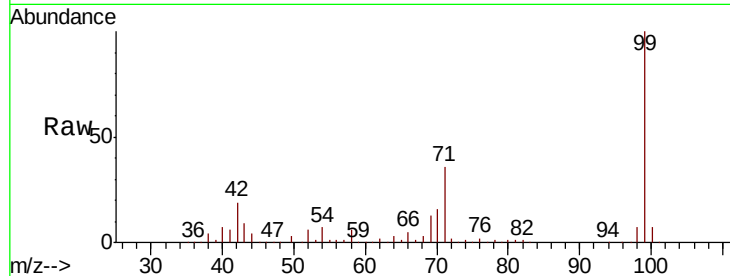
Tgt Ion: 99 Resp: 670700

Ion Ratio Lower Upper

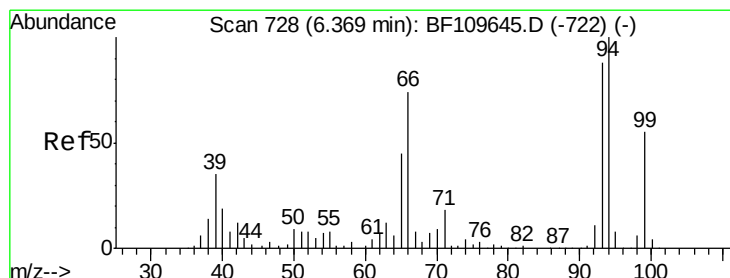
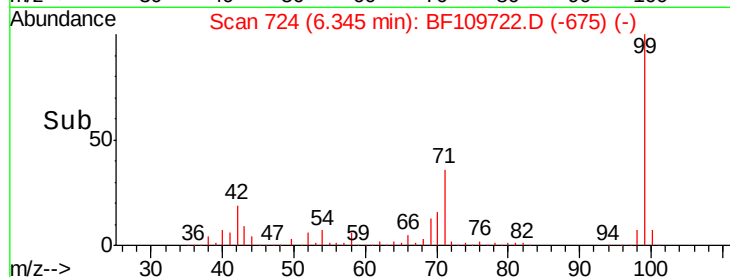
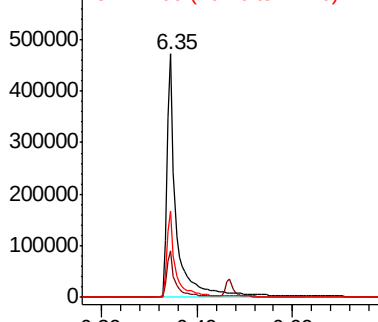
99 100

42 19.1 15.8 23.6

71 35.6 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: 3.697 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

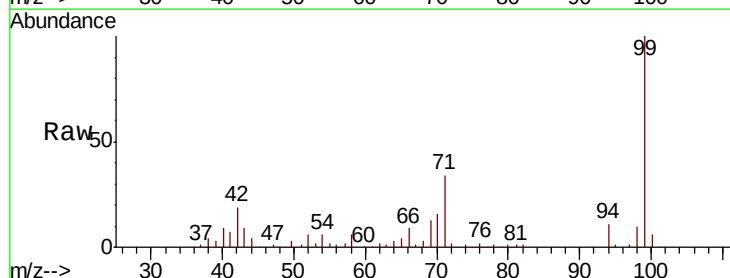
Tgt Ion: 94 Resp: 22618

Ion Ratio Lower Upper

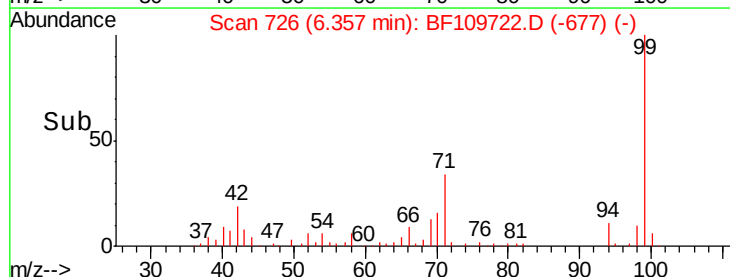
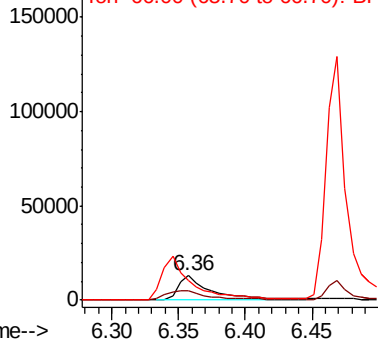
94 100

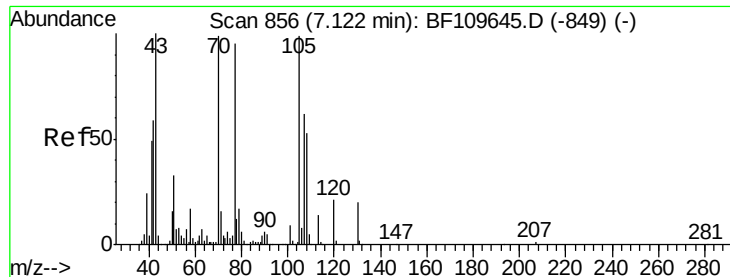
65 38.4 25.3 65.3

66 81.0 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

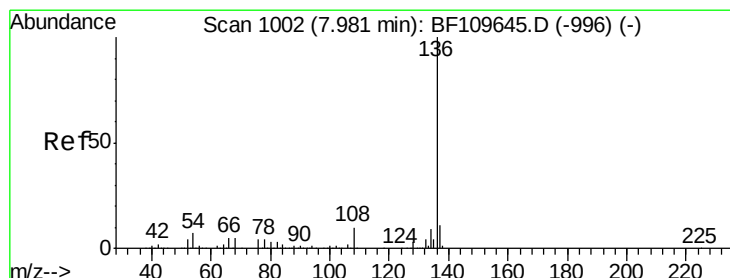
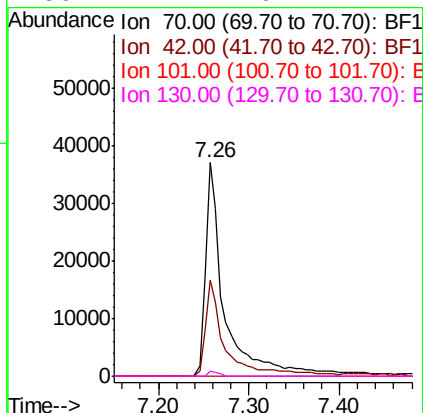
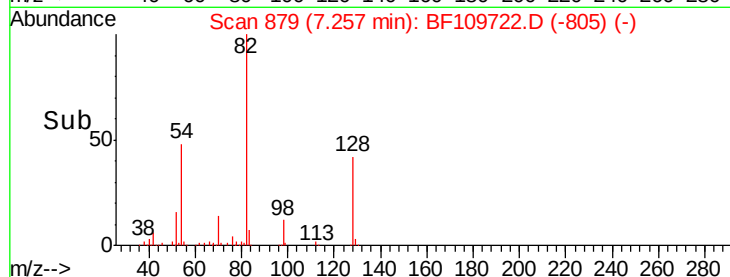
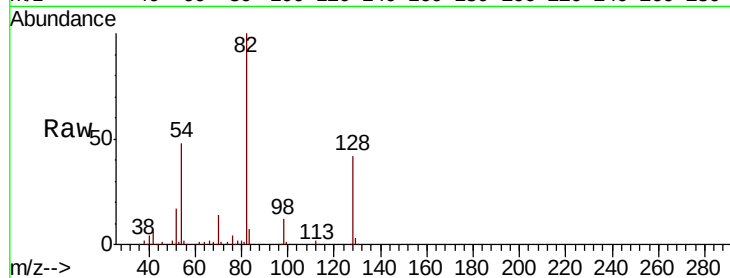




#19
n-Nitroso-di-n-propylamine
Concen: 14.647 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109722.D
Acq: 10 Oct 2018 3:56

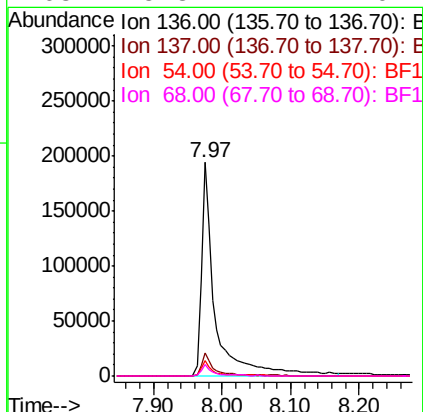
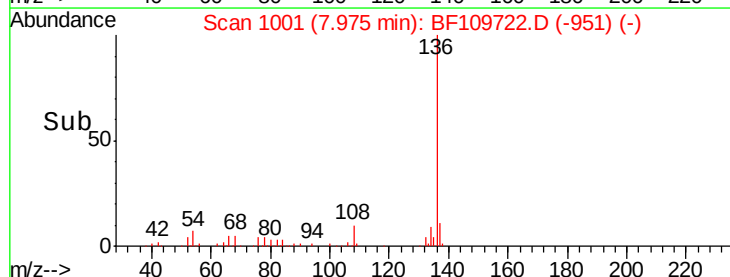
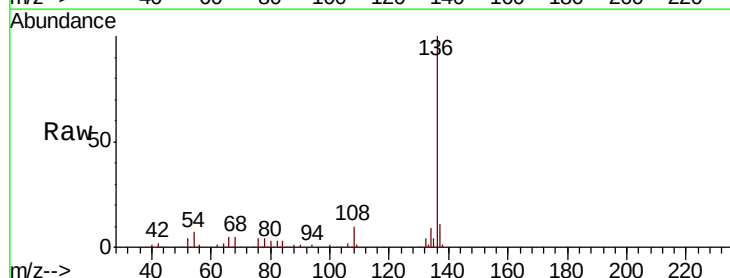
Instrument :
BNA_F
ClientSampleId :
FL-PIT-7

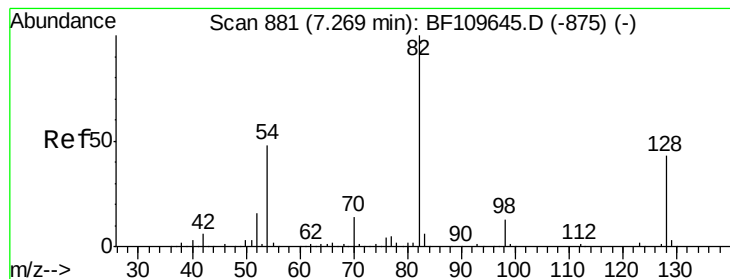
Tgt Ion: 70 Resp: 54800
Ion Ratio Lower Upper
70 100
42 44.8 47.4 71.2#
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109722.D
Acq: 10 Oct 2018 3:56

Tgt Ion: 136 Resp: 276999
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.0 5.4 8.2
68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 82.994 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

Instrument :

BNA_F

ClientSampleId :

FL-PIT-7

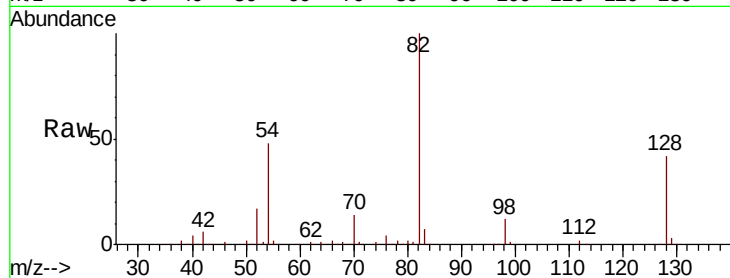
Tgt Ion: 82 Resp: 417049

Ion Ratio Lower Upper

82 100

128 42.4 34.2 51.2

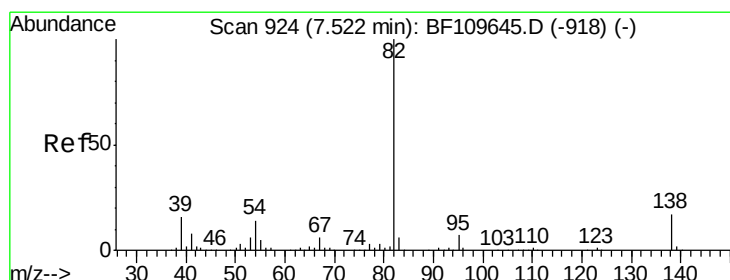
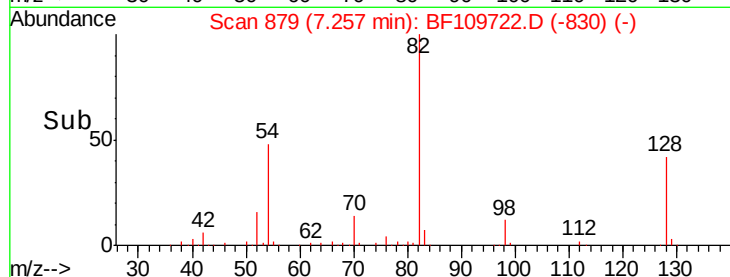
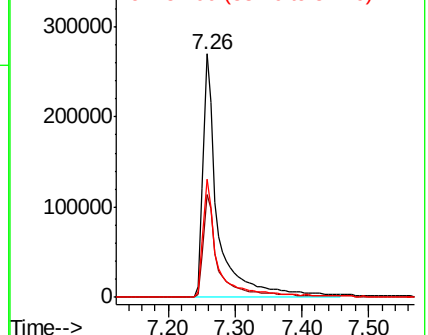
54 48.4 38.6 58.0



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: 49.979 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

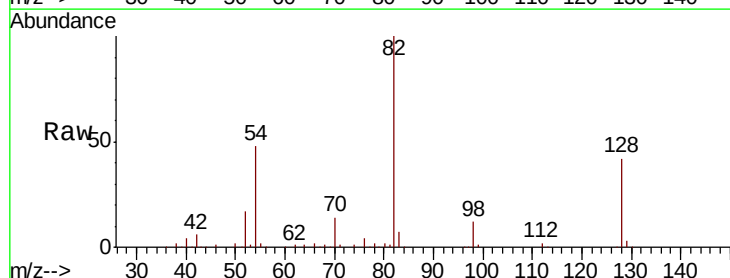
Tgt Ion: 82 Resp: 417049

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

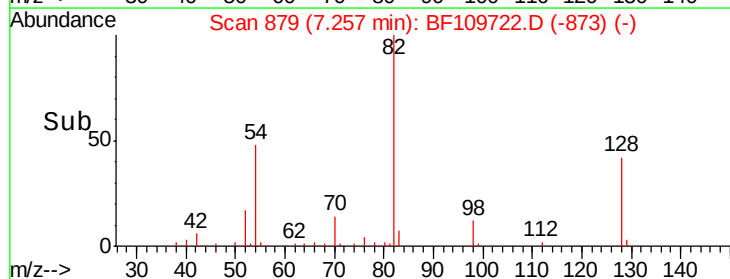
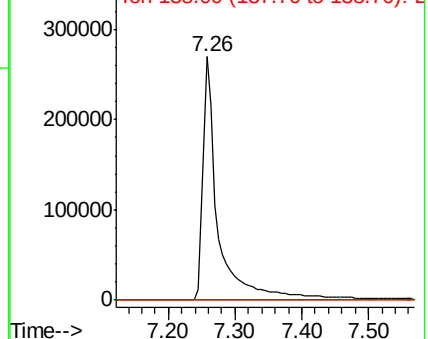
138 0.0 13.2 19.8#

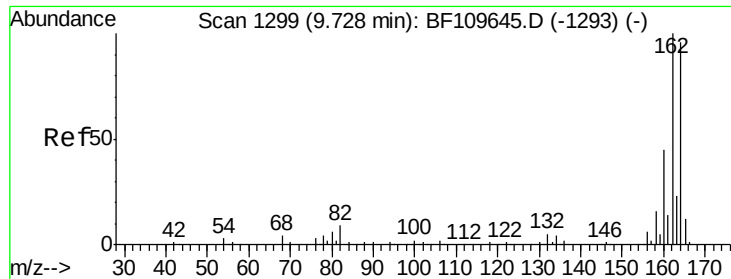


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

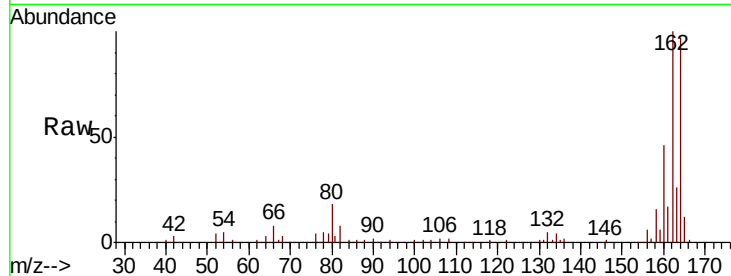




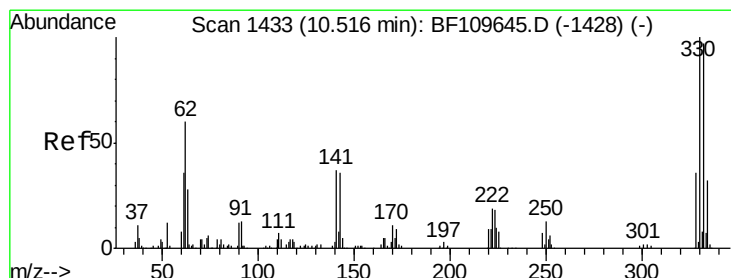
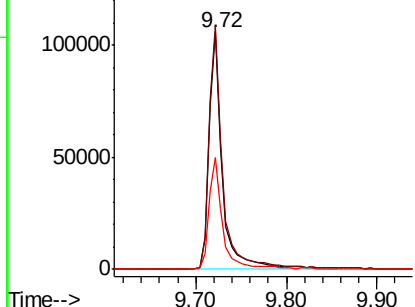
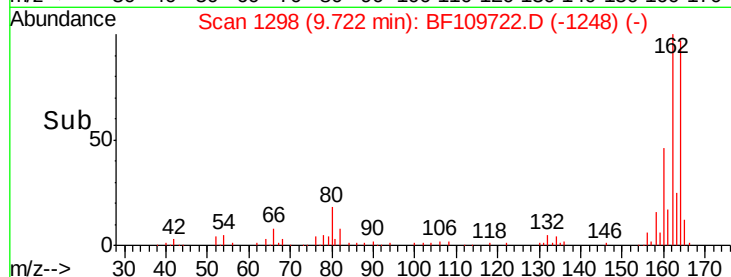
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109722.D
 Acq: 10 Oct 2018 3:56

Instrument :
 BNA_F
 ClientSampled :
 FL-PIT-7

Tgt Ion:164 Resp: 112502
 Ion Ratio Lower Upper
 164 100
 162 102.7 83.0 124.6
 160 47.0 37.0 55.6

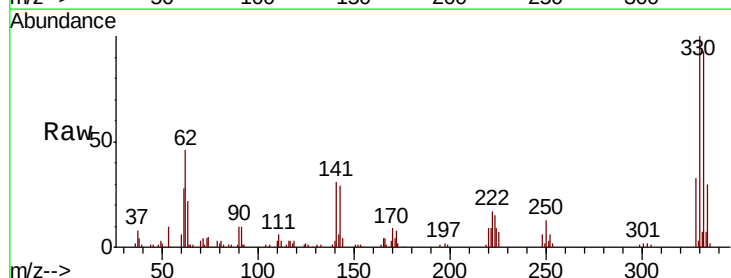


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

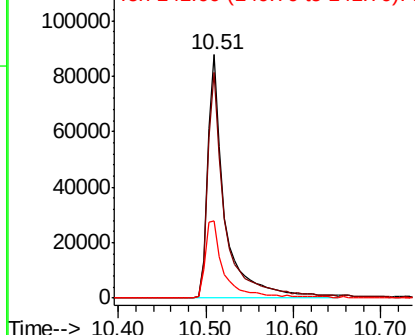
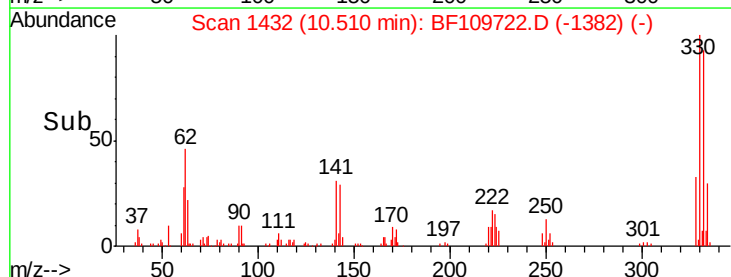


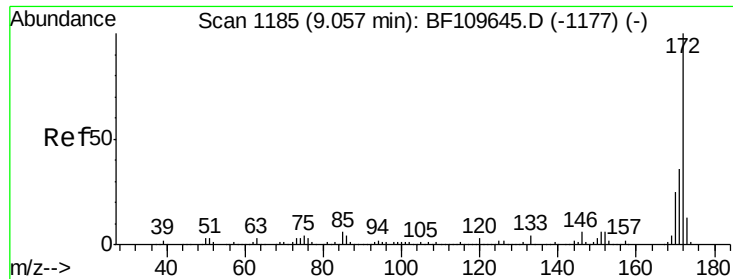
#41
 2,4,6-Tribromophenol
 Concen: 98.262 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109722.D
 Acq: 10 Oct 2018 3:56

Tgt Ion:330 Resp: 120453
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.1 115.7
 141 35.3 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

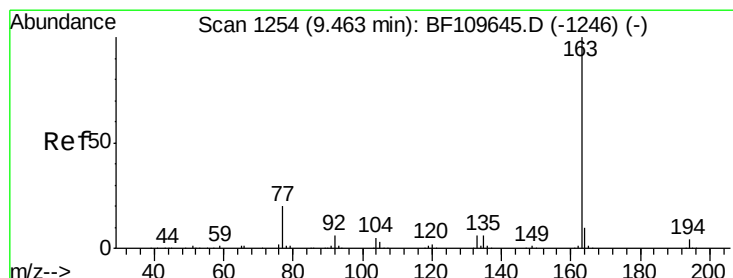
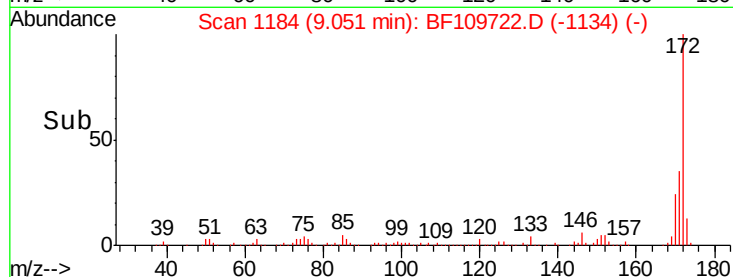
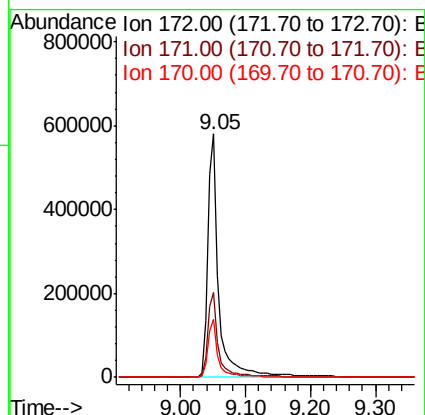
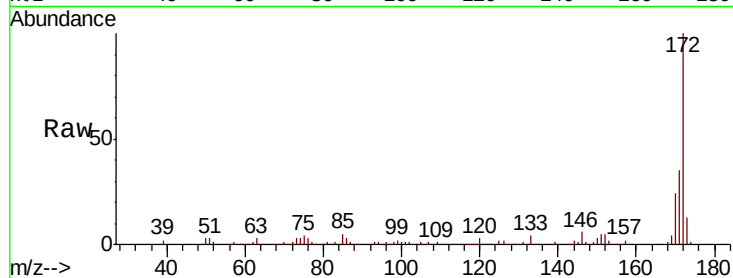




#44
 2-Fluorobiphenyl
 Concen: 83.253 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109722.D
 Acq: 10 Oct 2018 3:56

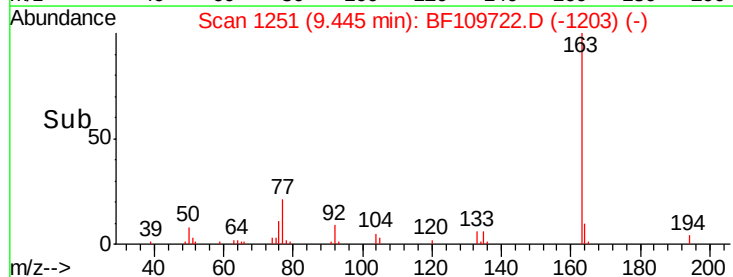
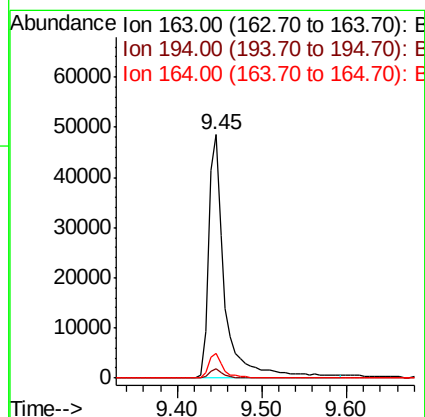
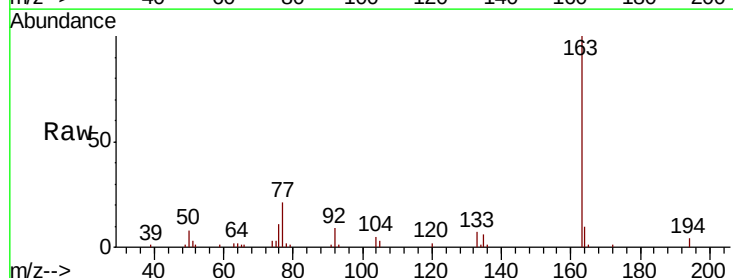
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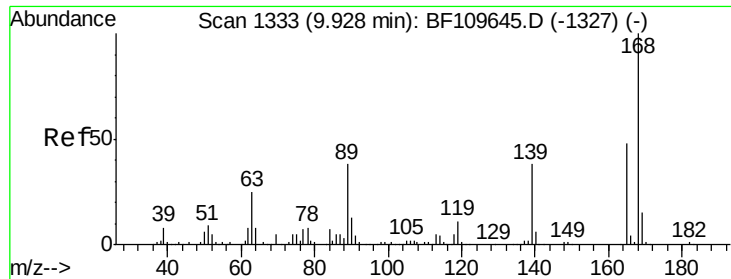
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.6	19.7	29.5



#49
 Dimethylphthalate
 Concen: 7.815 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109722.D
 Acq: 10 Oct 2018 3:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.1	12.1

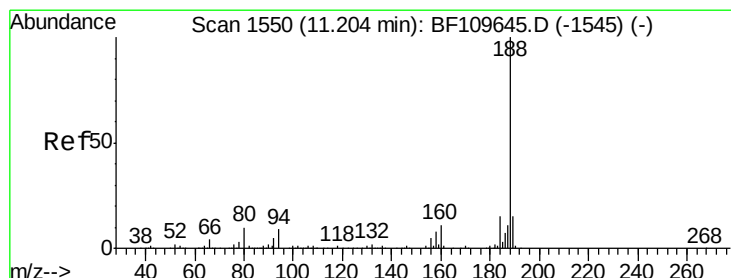
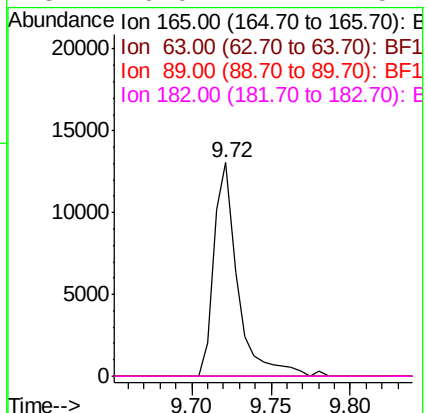
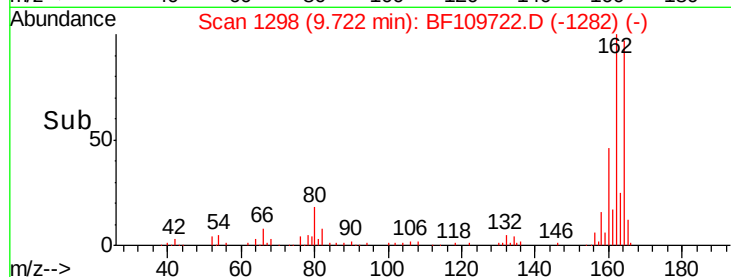
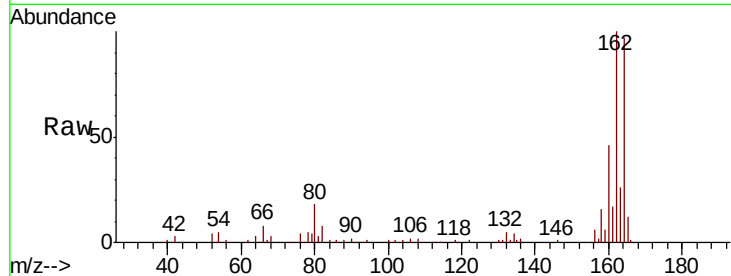




#56
 2,4-Dinitrotoluene
 Concen: 6.124 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109722.D
 Acq: 10 Oct 2018 3:56

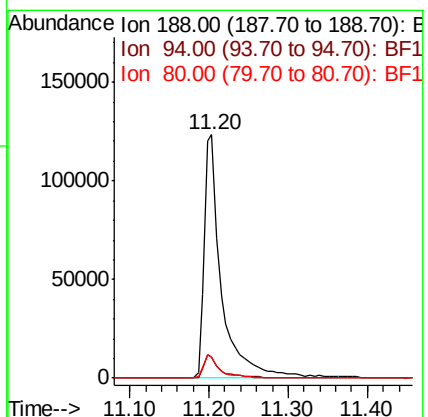
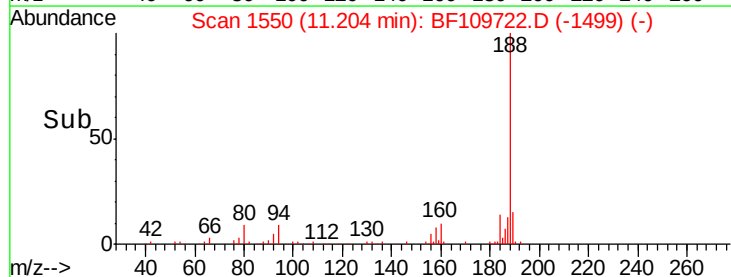
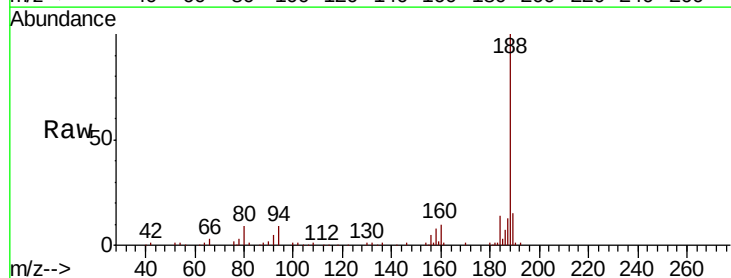
Instrument :
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 FL-PIT-7

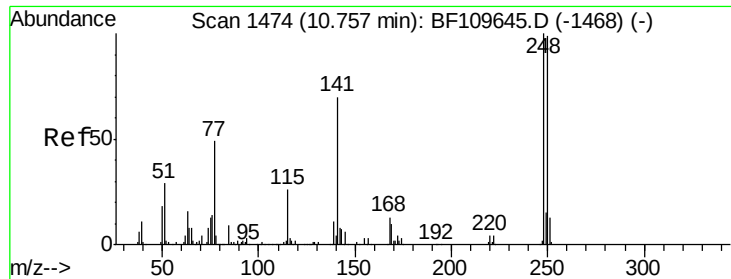
Tgt Ion:	165	Resp:	13669
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109722.D
 Acq: 10 Oct 2018 3:56

Tgt Ion:	188	Resp:	190224
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.6	7.9	11.9

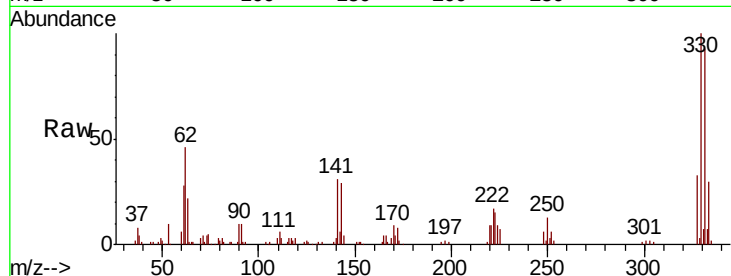




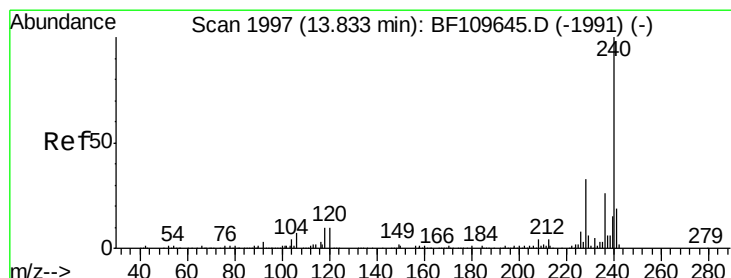
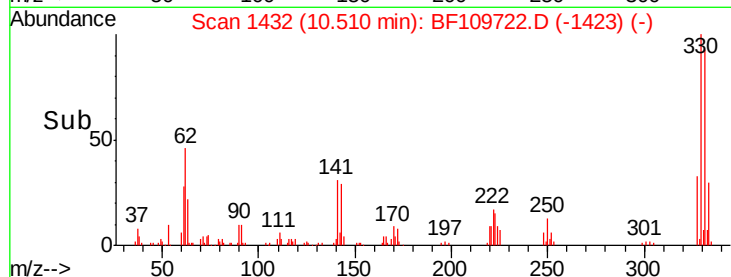
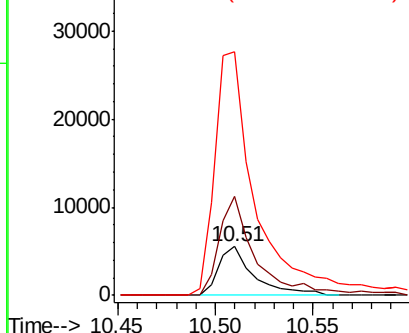
#66
4-Bromophenyl-phenylether
Concen: 3.209 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109722.D
Acq: 10 Oct 2018 3:56

Instrument :
BNA_F
ClientSampleId :
FL-PIT-7

Tgt Ion:248 Resp: 7014
Ion Ratio Lower Upper
248 100
250 203.0 79.4 119.2#
141 497.9 55.9 83.9#

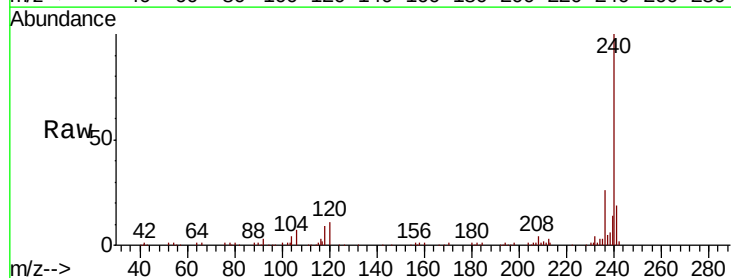


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

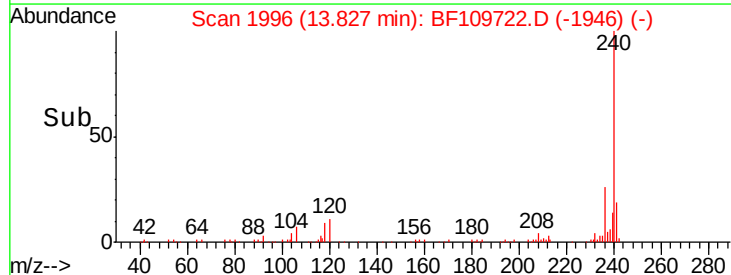
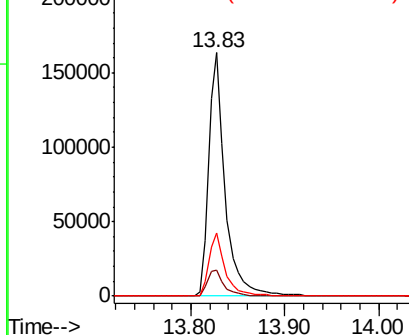


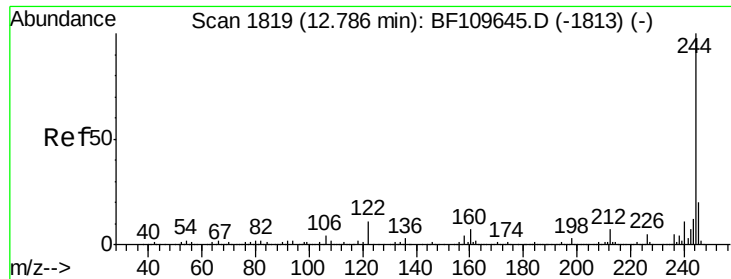
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109722.D
Acq: 10 Oct 2018 3:56

Tgt Ion:240 Resp: 200611
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.9 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

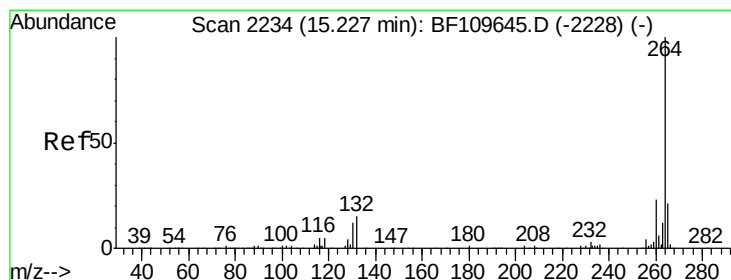
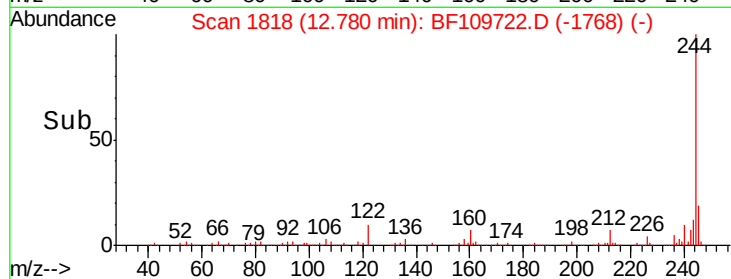
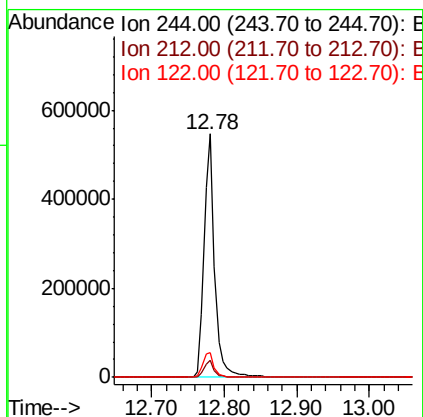
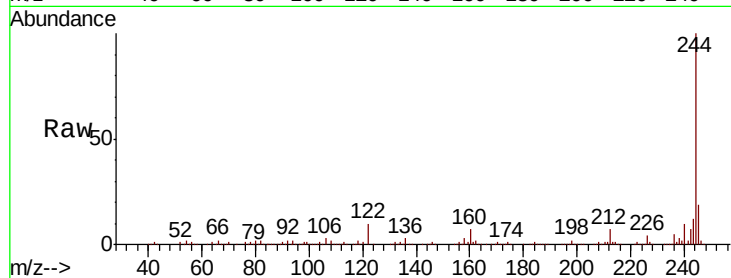




#78
 Terphenyl-d14
 Concen: 53.781 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109722.D
 Acq: 10 Oct 2018 3:56

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-7

Tgt Ion: 244 Resp: 557334
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.0 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109722.D
 Acq: 10 Oct 2018 3:56

Tgt Ion: 264 Resp: 171643
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.1 16.7 25.1

