

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109708.D
 Acq On : 9 Oct 2018 21:23
 Operator : JU/SJ
 Sample : J5326-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Quant Time: Oct 10 03:07:29 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

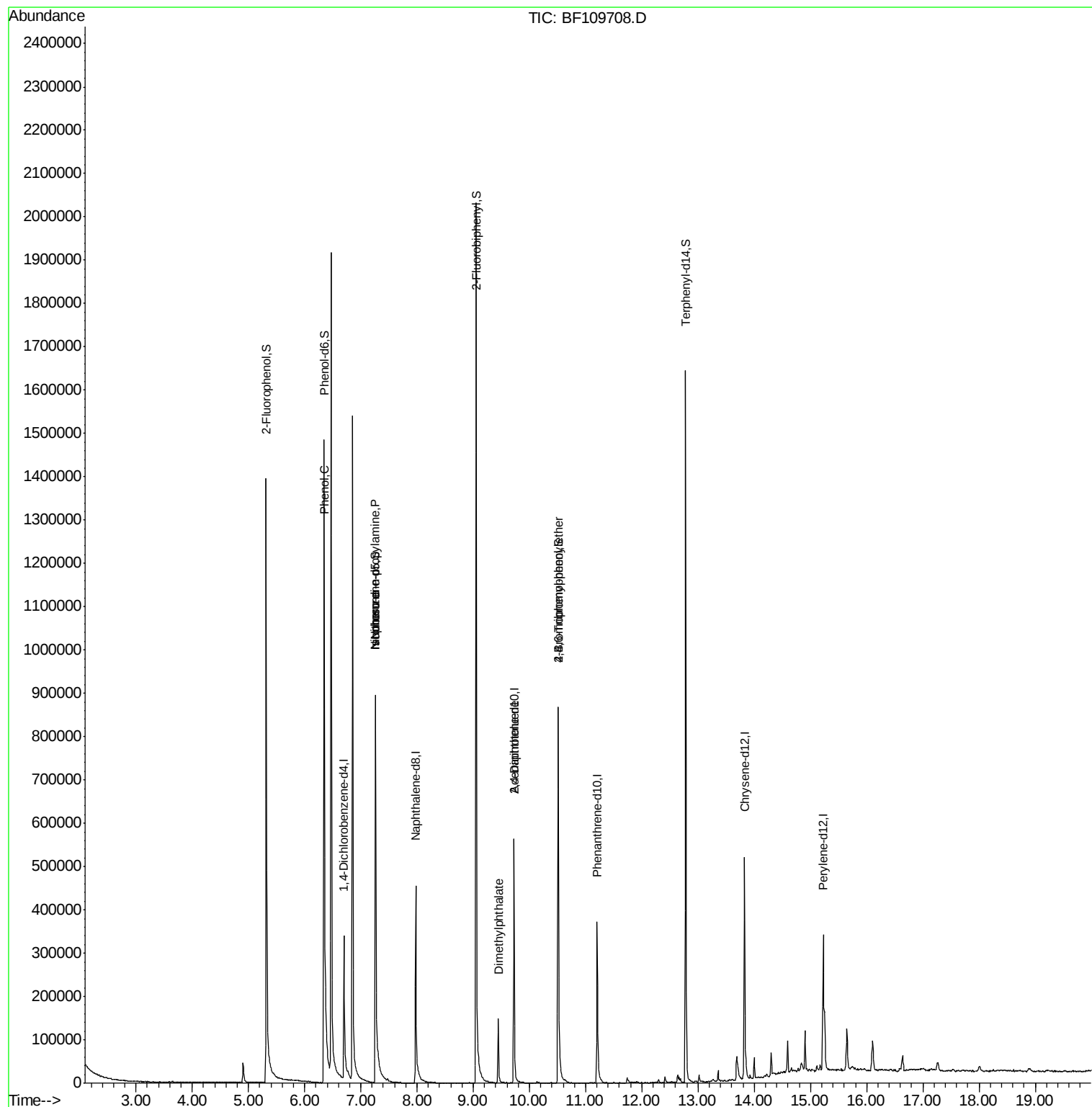
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78868	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	301405	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	123403	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	213195	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210642	20.00	ng	0.00
86) Perylene-d12	15.23	264	174028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	548662	123.48	ng	0.00
7) Phenol-d6	6.35	99	752078	126.71	ng	-0.01
23) Nitrobenzene-d5	7.26	82	471322	86.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	147438	109.65	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	764574	85.33	ng	0.00
78) Terphenyl-d14	12.78	244	595598	54.74	ng	0.00
Target Compounds						
10) Phenol	6.36	94	26554	3.901	ng	86
19) n-Nitroso-di-n-propylamine	7.26	70	63341	15.217	ng	# 77
25) Isophorone	7.26	82	471360	51.914	ng	# 67
49) Dimethylphthalate	9.45	163	76986	8.506	ng	99
56) 2,4-Dinitrotoluene	9.72	165	15149	6.188	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	8321	3.397	ng	# 1

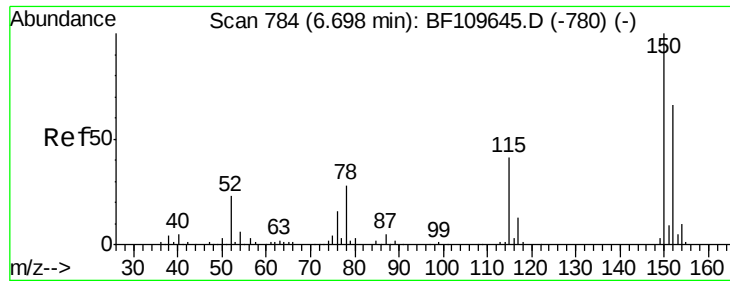
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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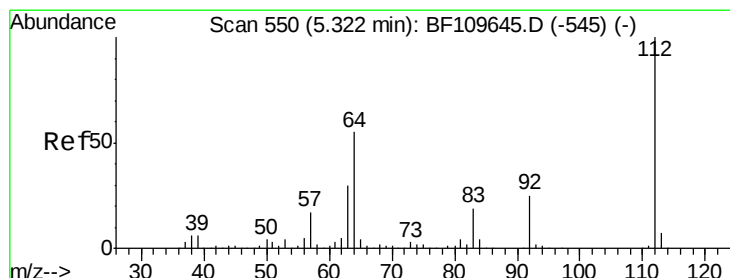
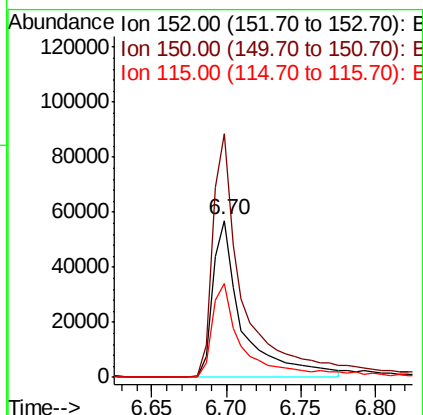
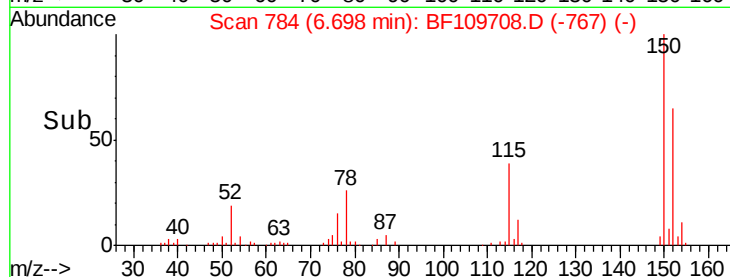
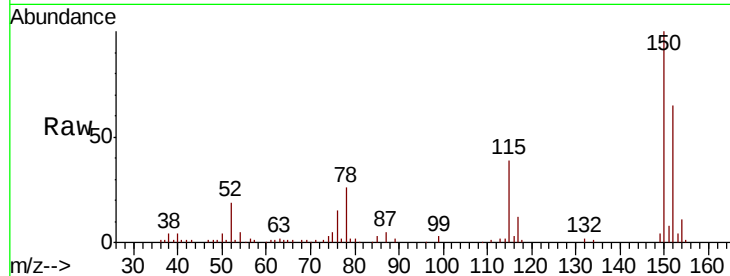




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

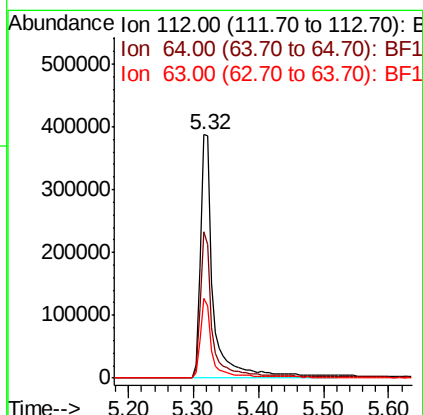
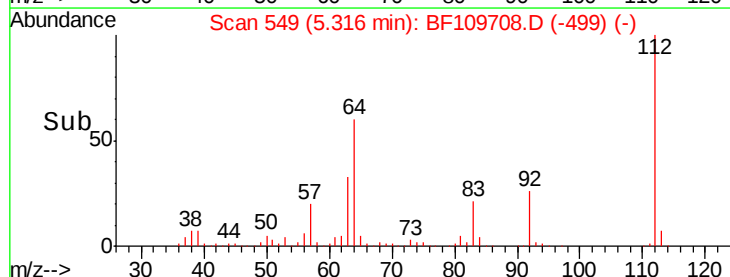
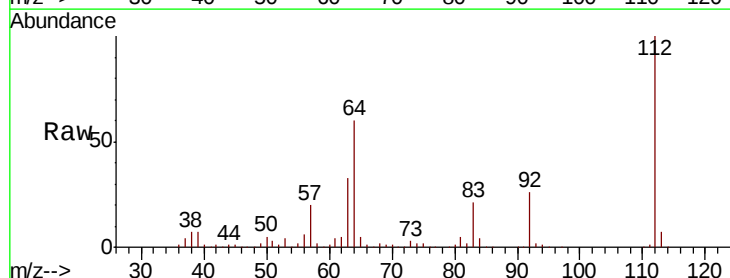
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

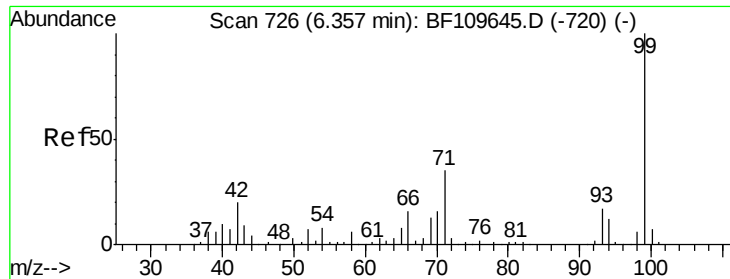
Tgt Ion:152 Resp: 78868
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.7 184.1
 115 60.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 123.484 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Tgt Ion:112 Resp: 548662
 Ion Ratio Lower Upper
 112 100
 64 59.9 44.1 66.1
 63 32.9 23.7 35.5





#7

Phenol-d6

Concen: 126.706 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109708.D

Acq: 9 Oct 2018 21:23

Instrument :

BNA_F

ClientSampleId :

FL-PIT-2

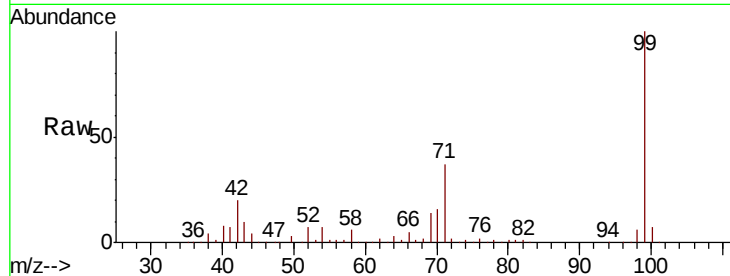
Tgt Ion: 99 Resp: 752078

Ion Ratio Lower Upper

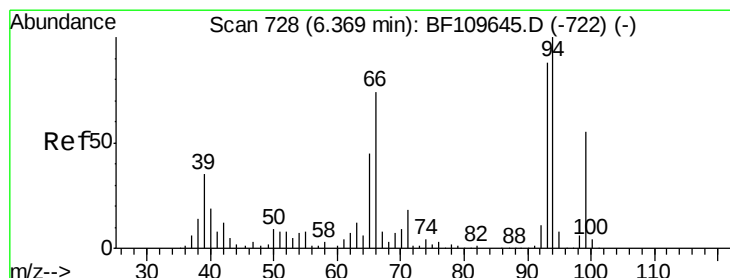
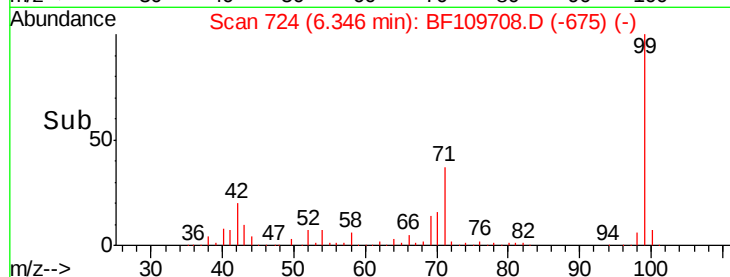
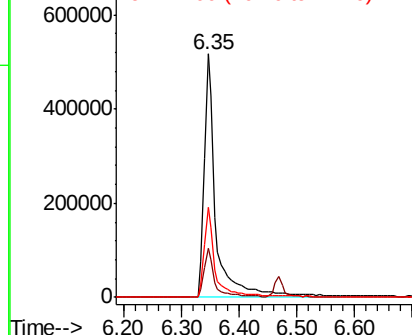
99 100

42 19.9 15.8 23.6

71 37.2 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: 3.901 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109708.D

Acq: 9 Oct 2018 21:23

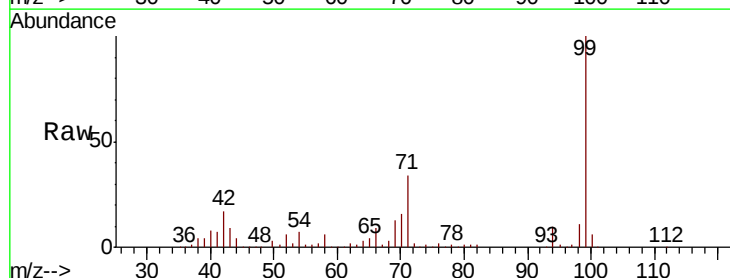
Tgt Ion: 94 Resp: 26554

Ion Ratio Lower Upper

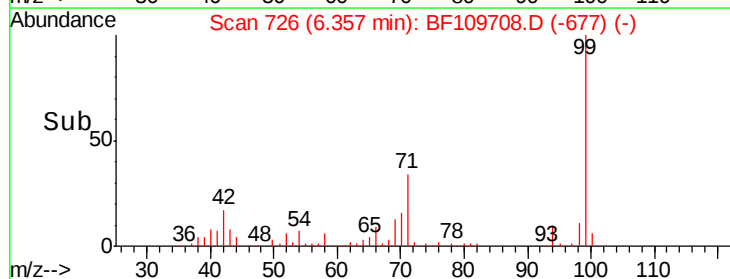
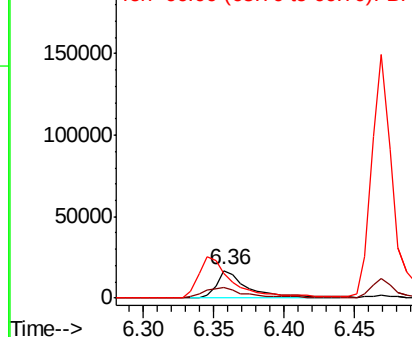
94 100

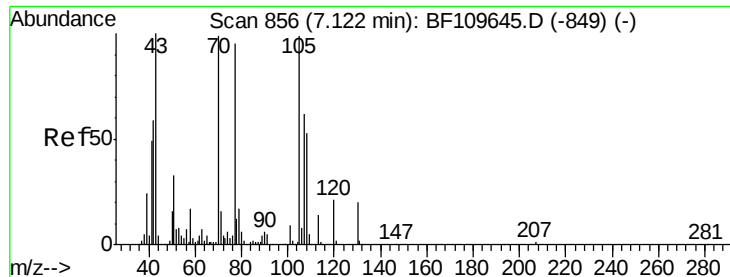
65 37.3 25.3 65.3

66 86.8 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

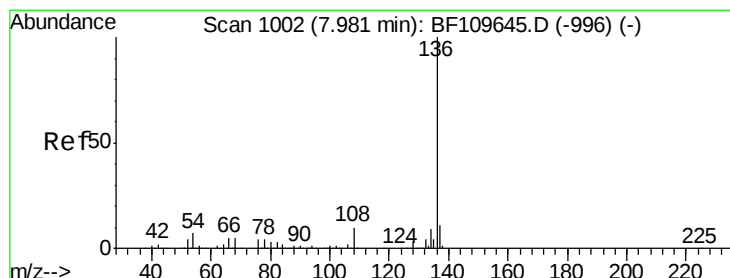
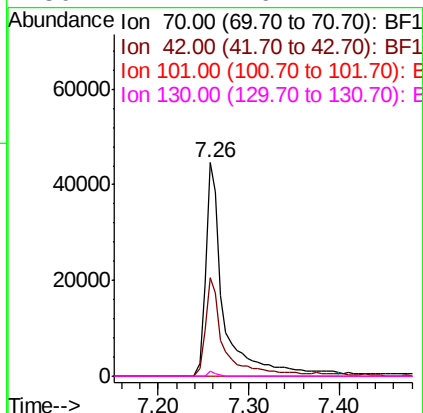
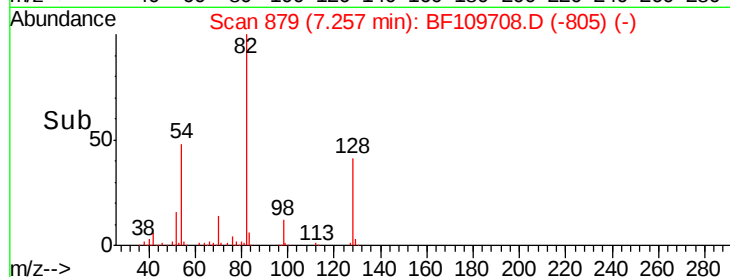
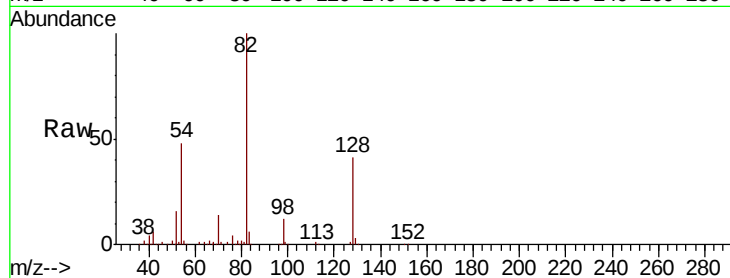




#19
n-Nitroso-di-n-propylamine
Concen: 15.217 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109708.D
Acq: 9 Oct 2018 21:23

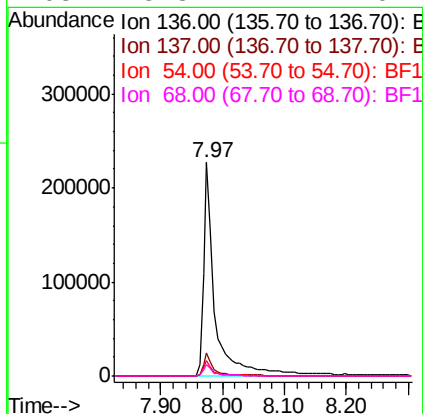
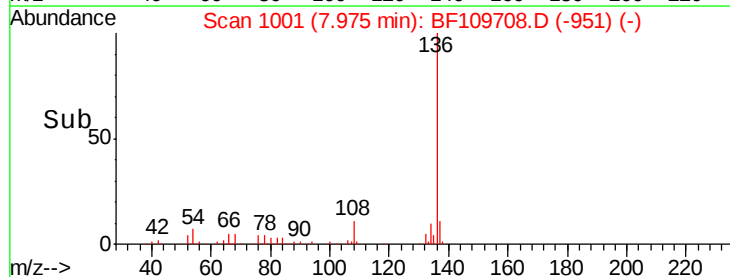
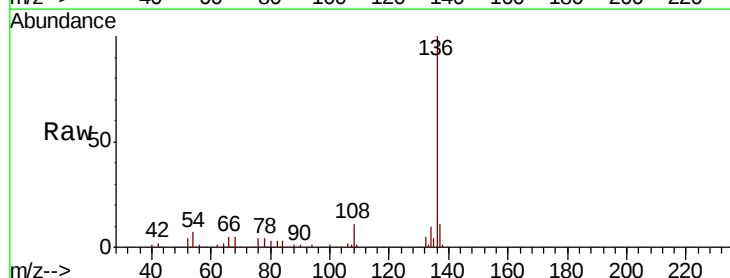
Instrument :
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ClientSampleId :
FL-PIT-2

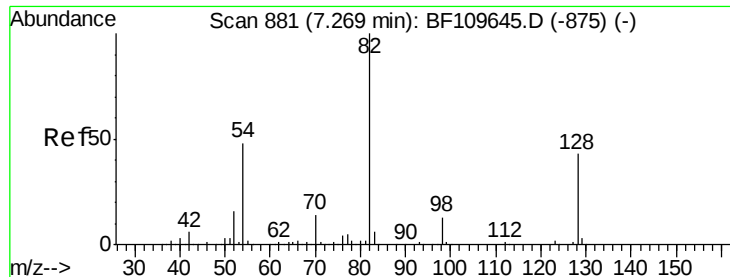
Tgt Ion: 70 Resp: 63341
Ion Ratio Lower Upper
70 100
42 46.0 47.4 71.2#
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109708.D
Acq: 9 Oct 2018 21:23

Tgt Ion: 136 Resp: 301405
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.1 5.4 8.2
68 5.3 4.2 6.2

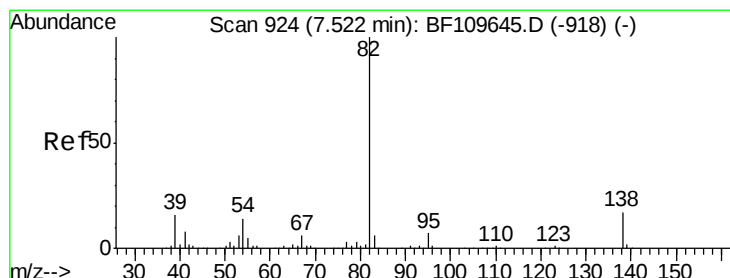
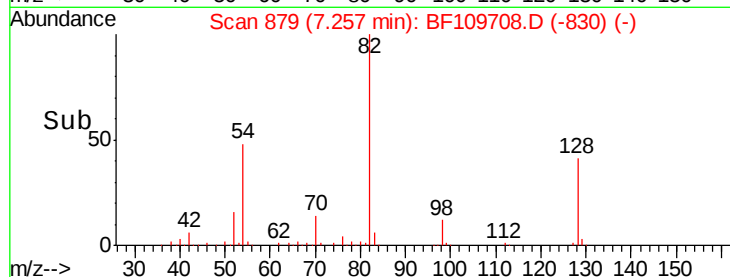
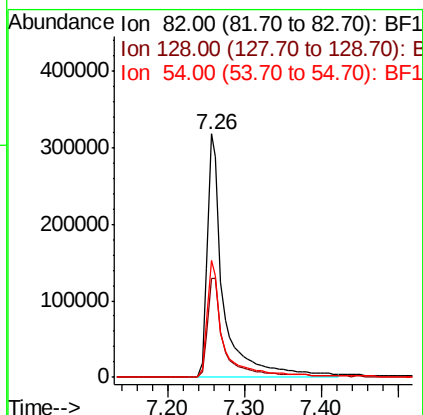
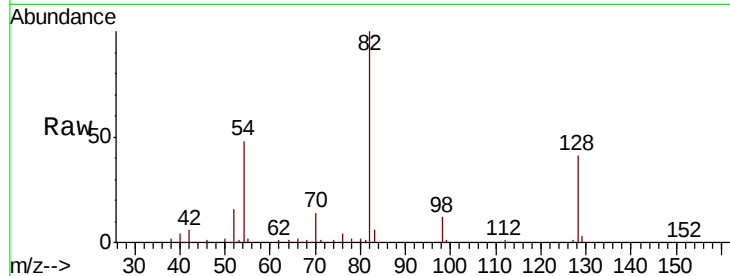




#23
Nitrobenzene-d5
Concen: 86.199 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109708.D
Acq: 9 Oct 2018 21:23

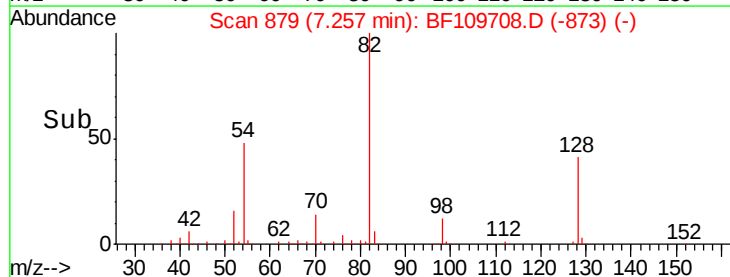
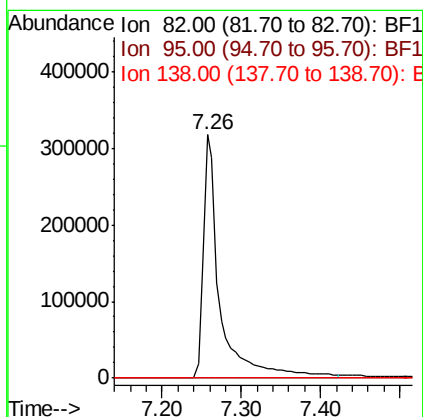
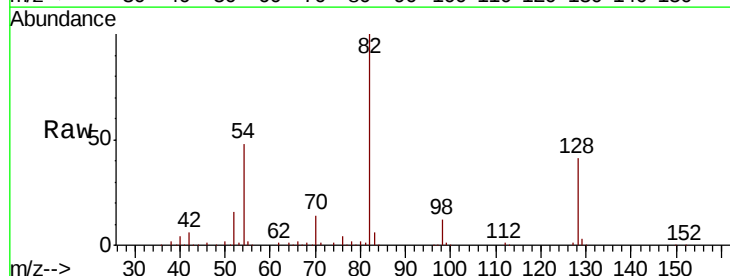
Instrument :
BNA_F
ClientSampleId :
FL-PIT-2

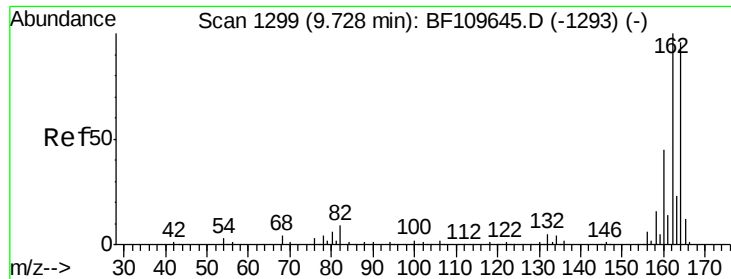
Tgt Ion: 82 Resp: 471322
Ion Ratio Lower Upper
82 100
128 40.6 34.2 51.2
54 47.9 38.6 58.0



#25
Isophorone
Concen: 51.914 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109708.D
Acq: 9 Oct 2018 21:23

Tgt Ion: 82 Resp: 471360
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: BF109708.D

Acq: 9 Oct 2018 21:23

Instrument :

BNA_F

ClientSampleId :

FL-PIT-2

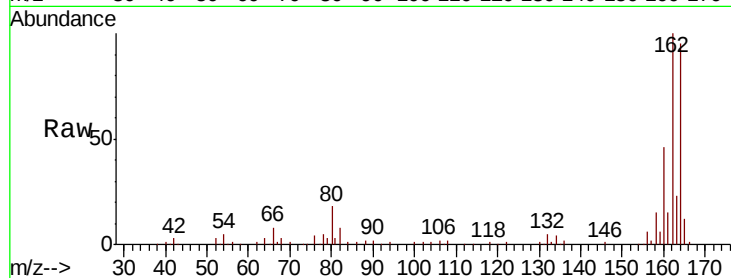
Tgt Ion:164 Resp: 123403

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

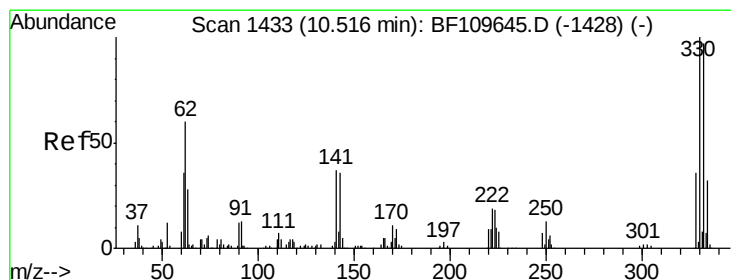
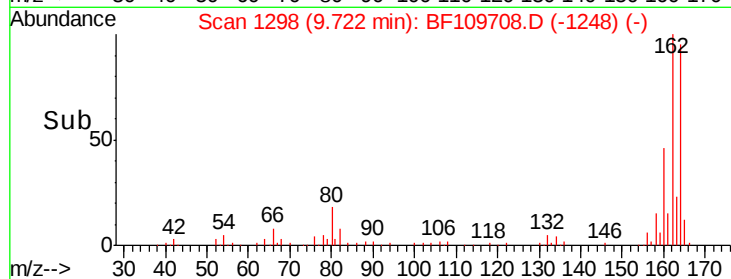
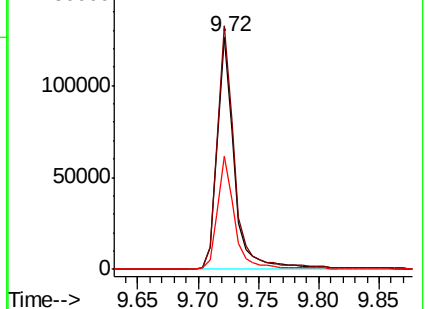
160 48.7 37.0 55.6



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: 109.651 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109708.D

Acq: 9 Oct 2018 21:23

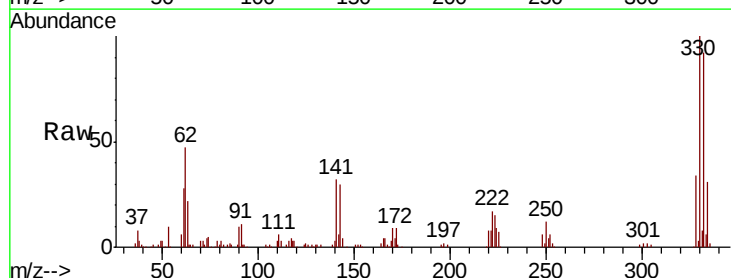
Tgt Ion:330 Resp: 147438

Ion Ratio Lower Upper

330 100

332 92.2 77.1 115.7

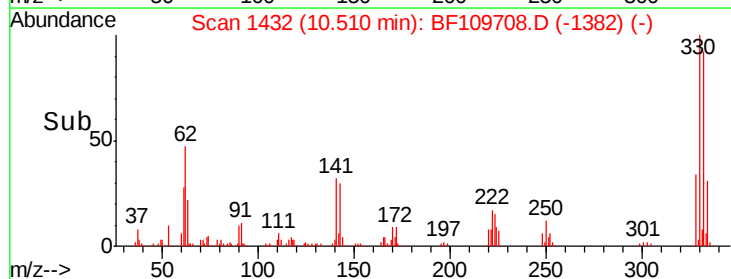
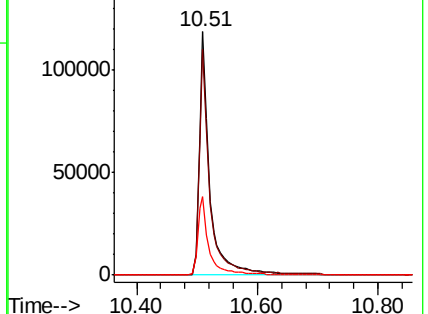
141 33.8 27.0 40.4

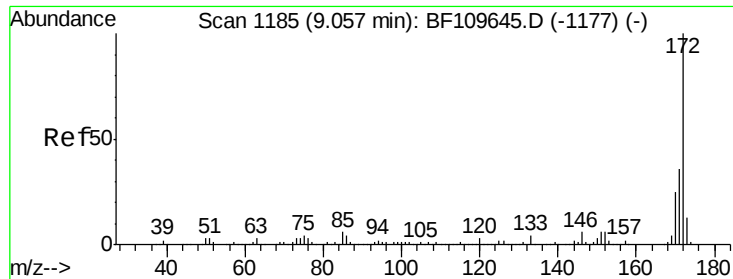


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

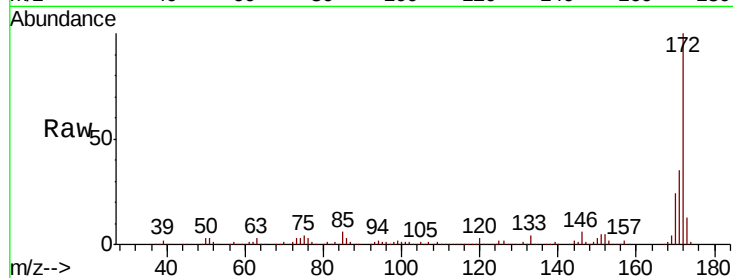




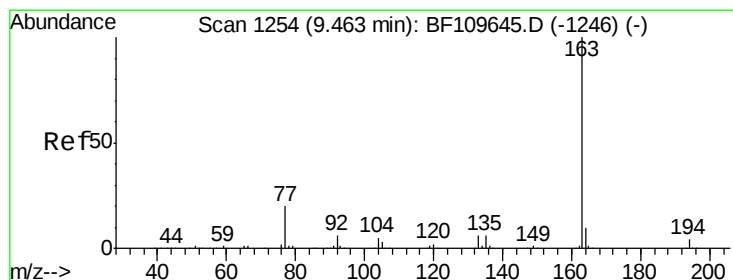
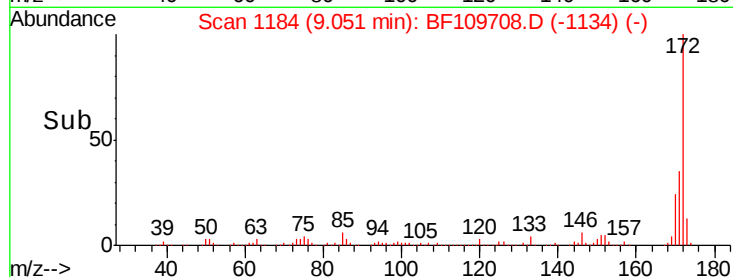
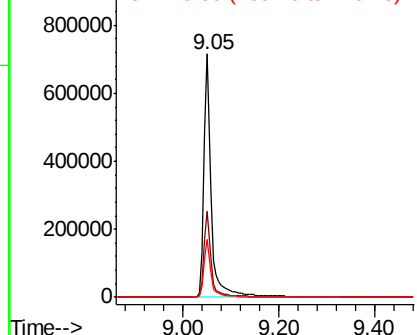
#44
 2-Fluorobiphenyl
 Concen: 85.331 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tgt Ion:172 Resp: 764574
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.9 19.7 29.5

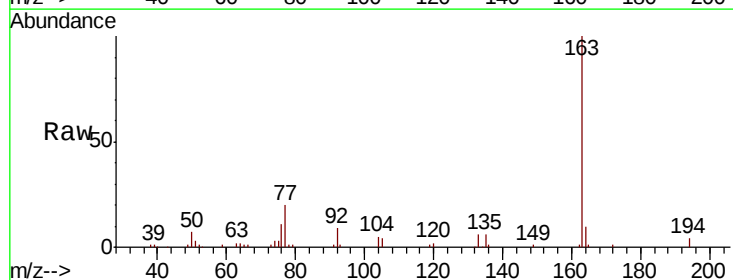


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

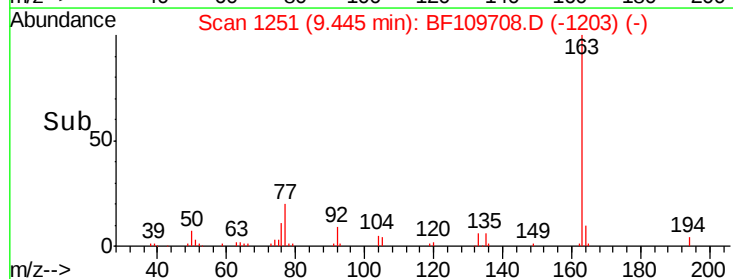
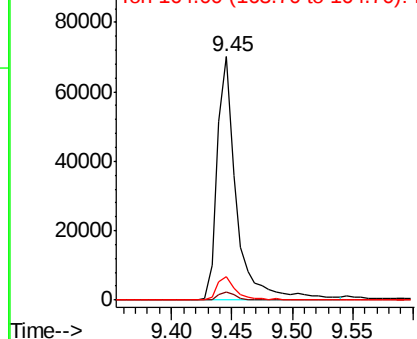


#49
 Dimethylphthalate
 Concen: 8.506 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Tgt Ion:163 Resp: 76986
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.2 4.8
 164 9.6 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

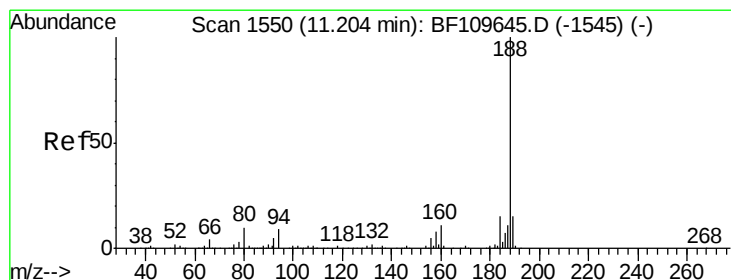
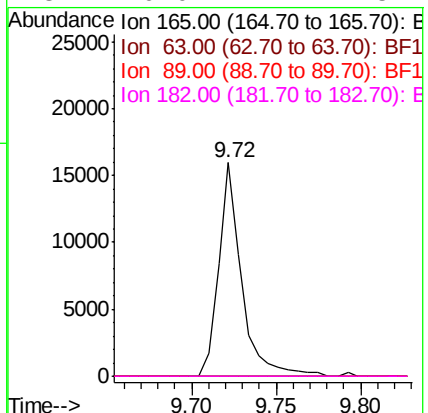
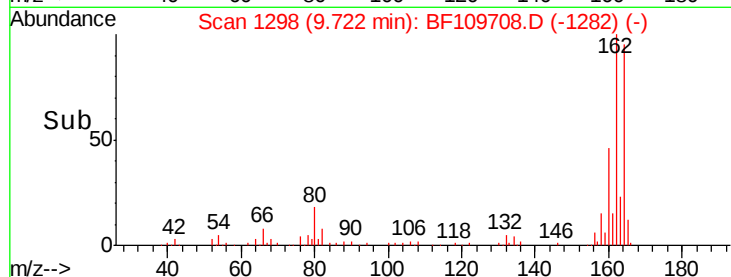
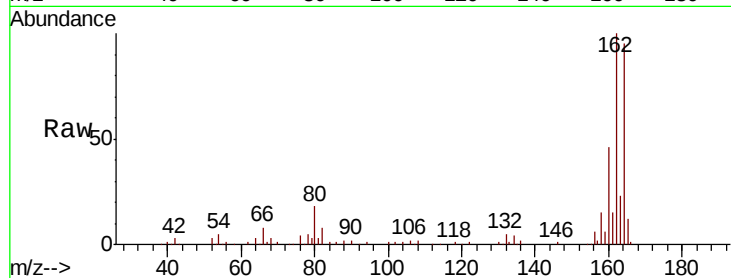




#56
 2,4-Dinitrotoluene
 Concen: 6.188 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

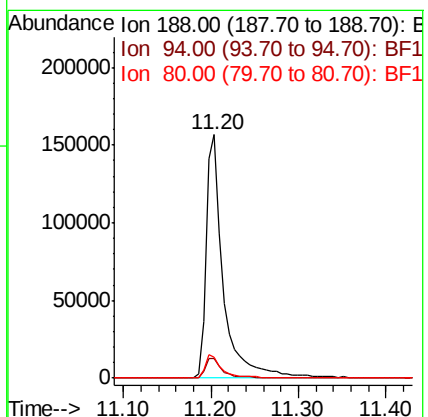
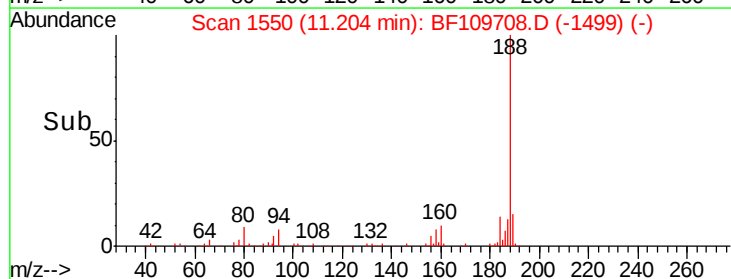
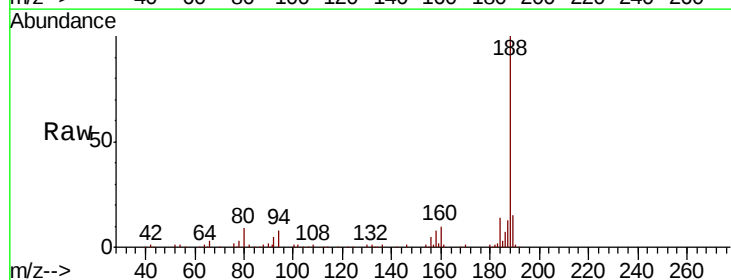
Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.8	7.9	11.9

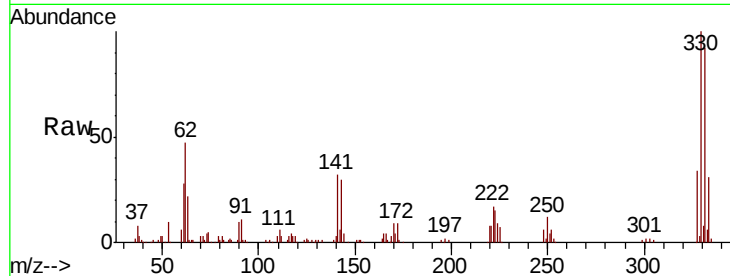




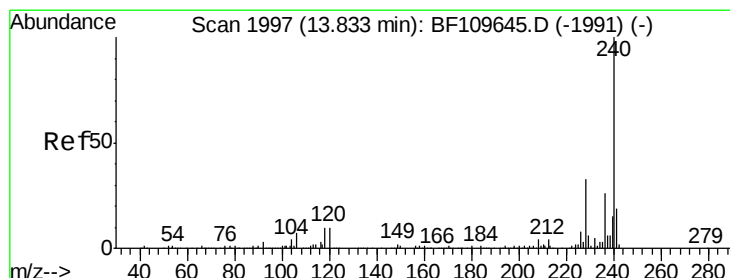
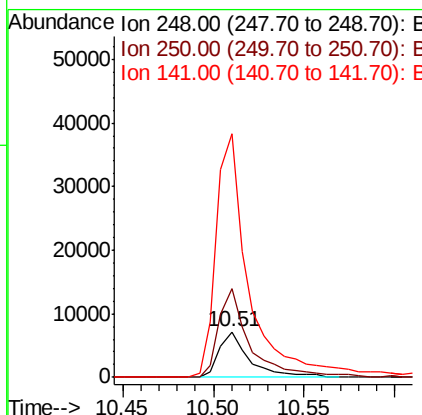
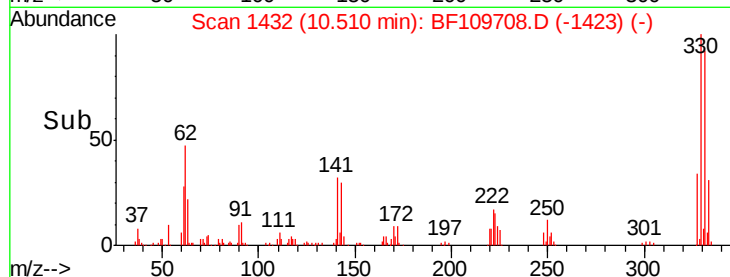
#66
 4-Bromophenyl-phenylether
 Concen: 3.397 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Instrument :
 BNA_F
 ClientSampled :
 FL-PIT-2

Tgt Ion:248 Resp: 8321
 Ion Ratio Lower Upper
 248 100
 250 193.8 79.4 119.2#
 141 532.6 55.9 83.9#

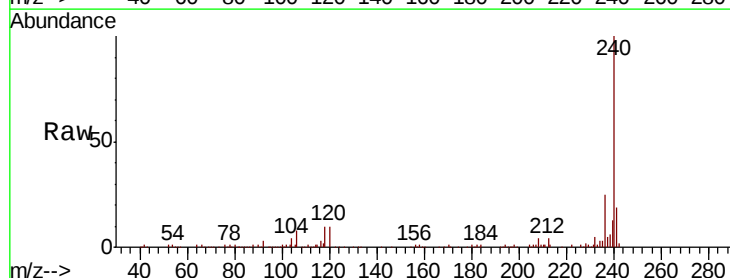


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

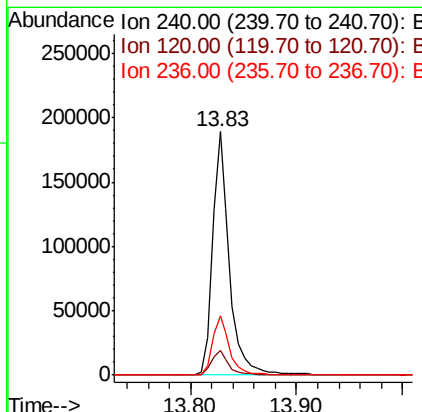
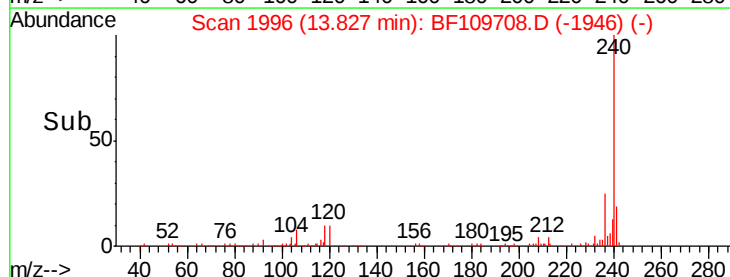


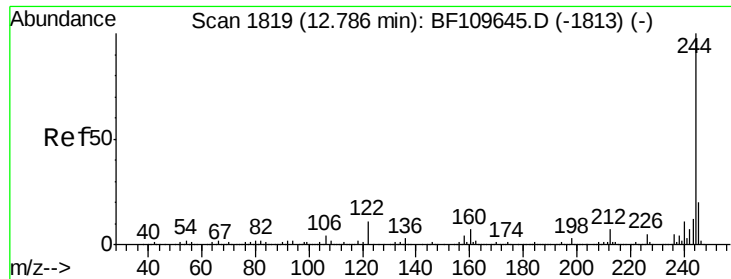
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Tgt Ion:240 Resp: 210642
 Ion Ratio Lower Upper
 240 100
 120 10.2 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

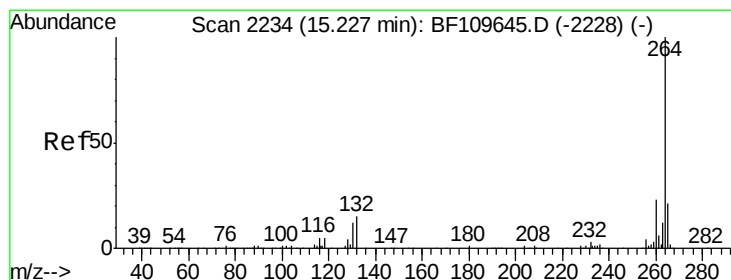
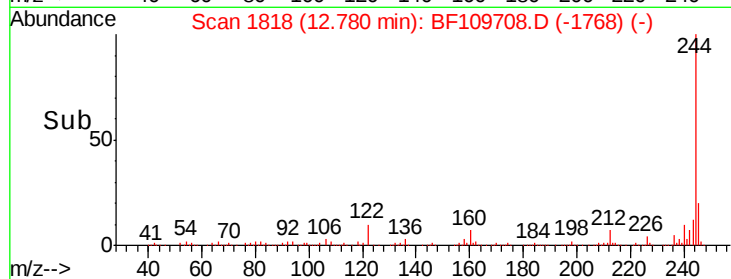
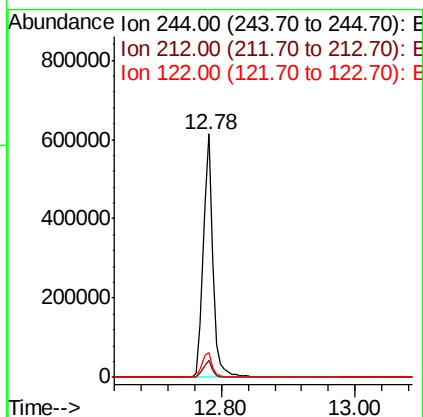
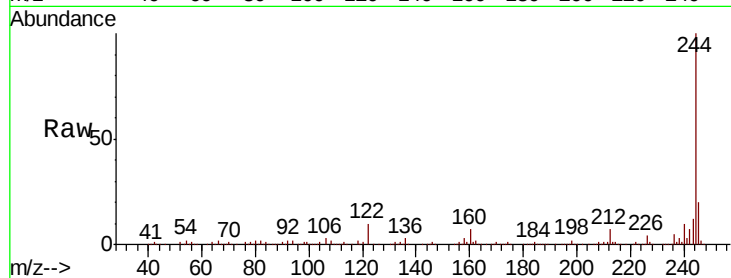




#78
 Terphenyl-d14
 Concen: 54.737 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tgt Ion:244 Resp: 595598
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.0 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Tgt Ion:264 Resp: 174028
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.7 28.1
 265 21.3 16.7 25.1

