

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109775.D
 Acq On : 11 Oct 2018 7:11
 Operator : JU/SJ
 Sample : J5326-35
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-2-STONE

Quant Time: Oct 11 08:17:52 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

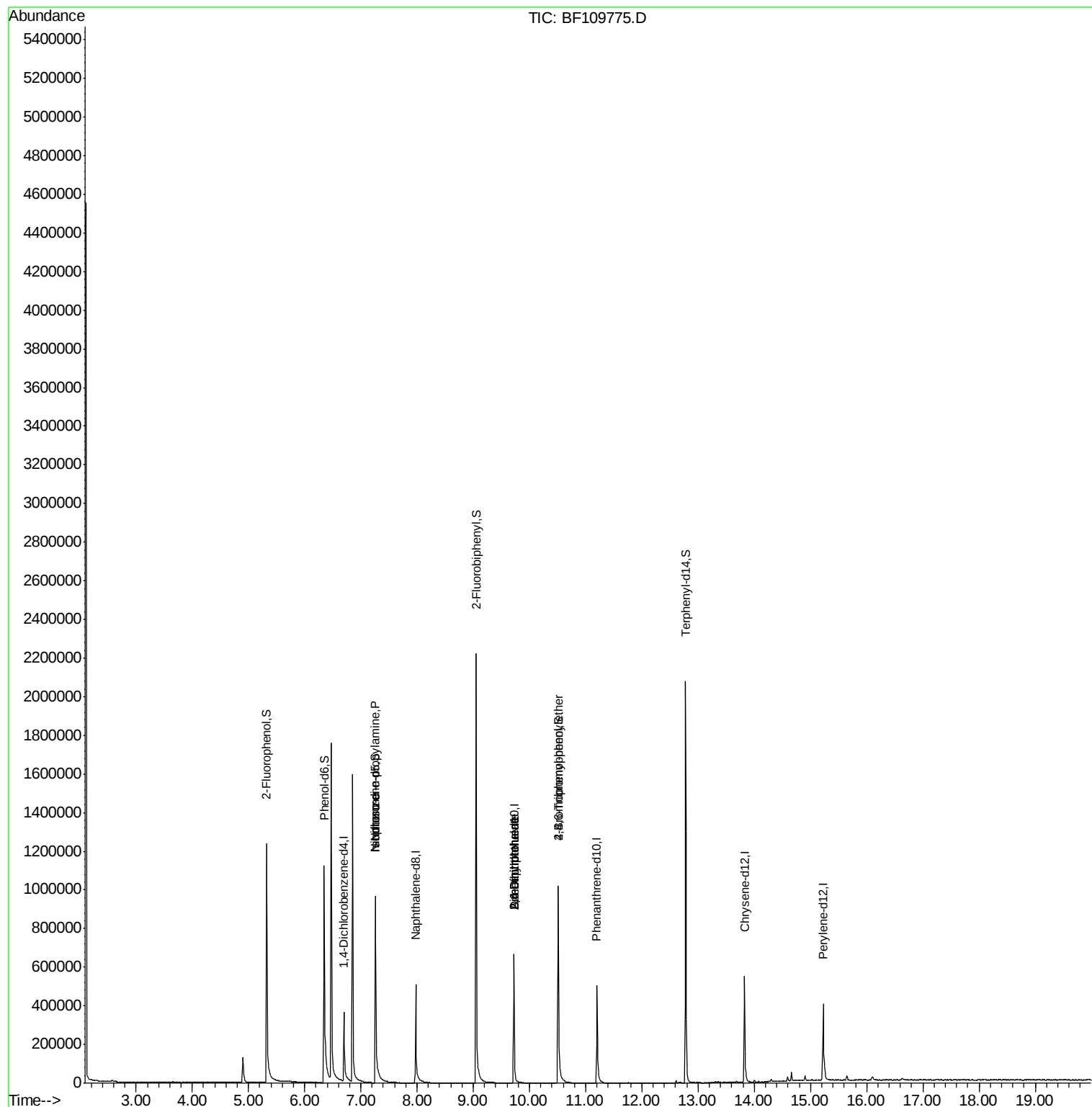
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82387	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	331648	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	156711	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	277505	20.00	ng	0.00
75) Chrysene-d12	13.83	240	240154	20.00	ng	0.00
86) Perylene-d12	15.23	264	221802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	474225	102.17	ng	0.00
7) Phenol-d6	6.35	99	581371	93.76	ng	-0.01
23) Nitrobenzene-d5	7.26	82	476553	79.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	169741	99.41	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	874937	76.89	ng	0.00
78) Terphenyl-d14	12.78	244	765475	61.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	60284	13.864	ng	# 78
25) Isophorone	7.26	82	476553	47.700	ng	# 67
49) Dimethylphthalate	9.72	163	37293	3.245	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	19578	7.858	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	19578	6.297	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	9834	3.084	ng	# 1

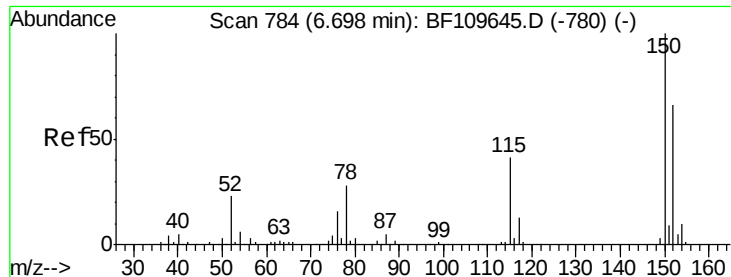
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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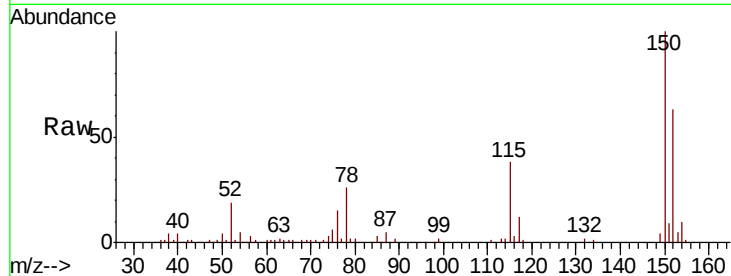




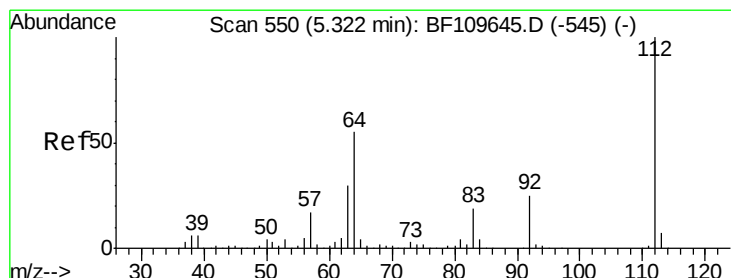
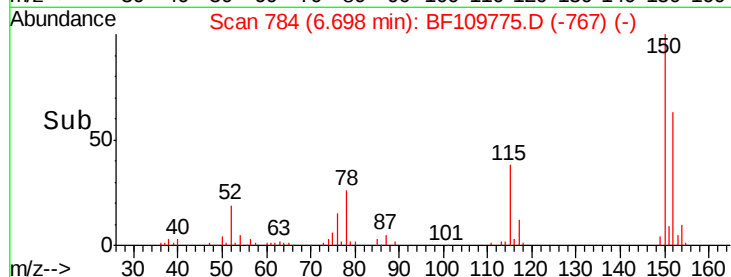
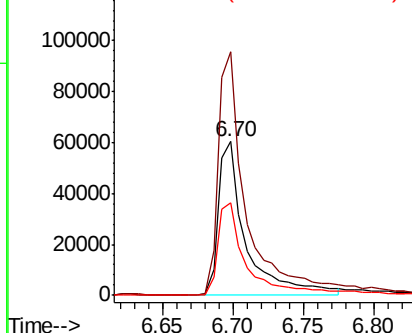
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109775.D
 Acq: 11 Oct 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-2-STONE

Tgt Ion:152 Resp: 82387
 Ion Ratio Lower Upper
 152 100
 150 158.5 122.7 184.1
 115 60.1 49.1 73.7

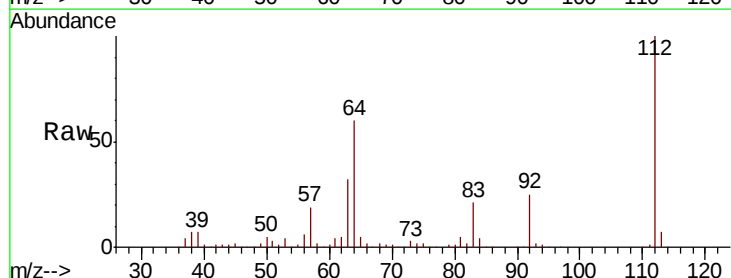


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

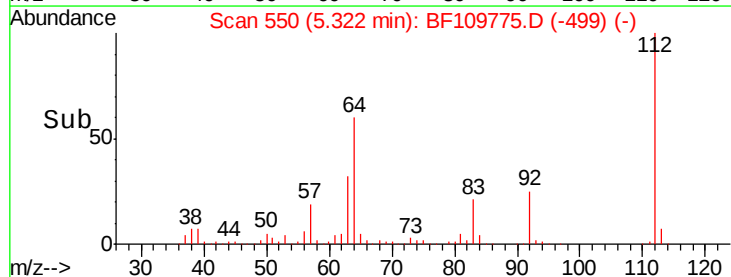
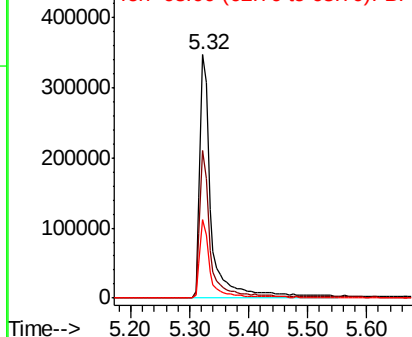


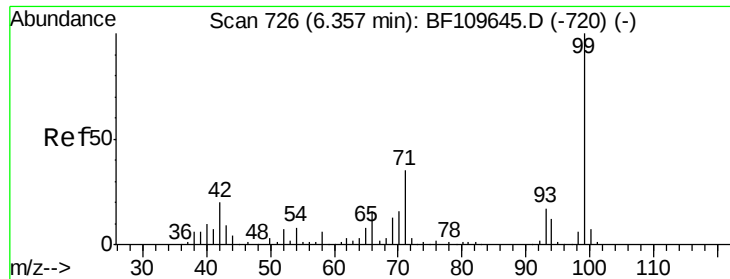
#5
 2-Fluorophenol
 Concen: 102.172 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109775.D
 Acq: 11 Oct 2018 7:11

Tgt Ion:112 Resp: 474225
 Ion Ratio Lower Upper
 112 100
 64 60.4 44.1 66.1
 63 32.3 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: 93.763 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109775.D

Acq: 11 Oct 2018 7:11

Instrument :

BNA_F

ClientSampleId :

FL-PH-2-STONE

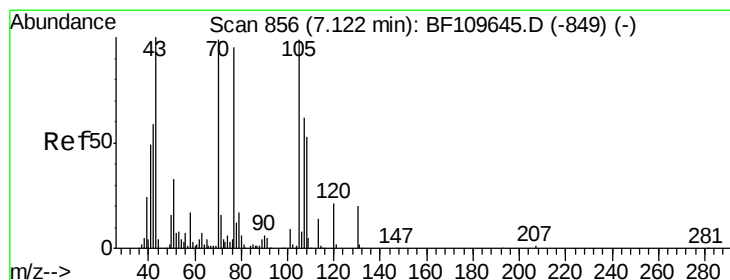
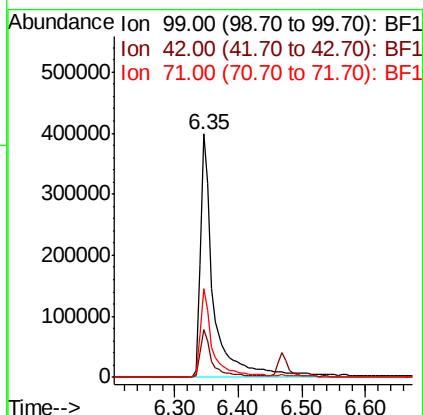
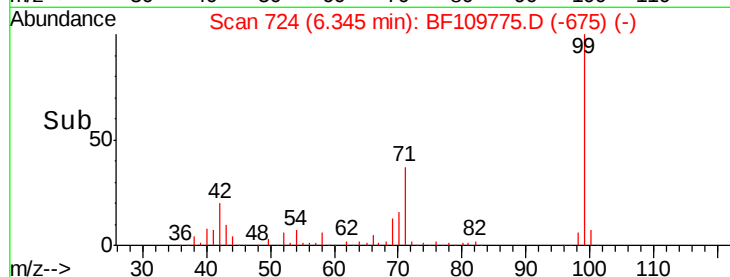
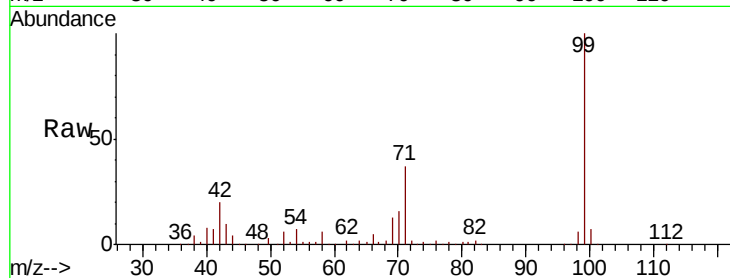
Tgt Ion: 99 Resp: 581371

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

71 36.7 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.864 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109775.D

Acq: 11 Oct 2018 7:11

Tgt Ion: 70 Resp: 60284

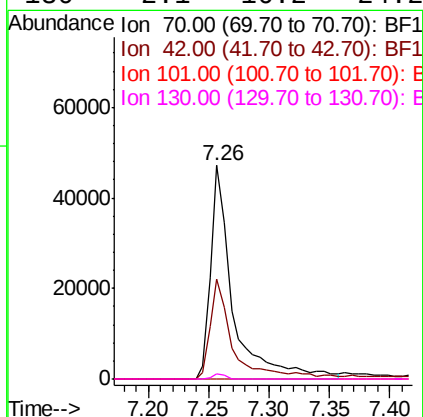
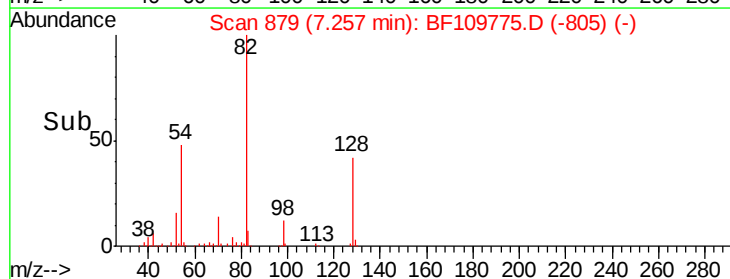
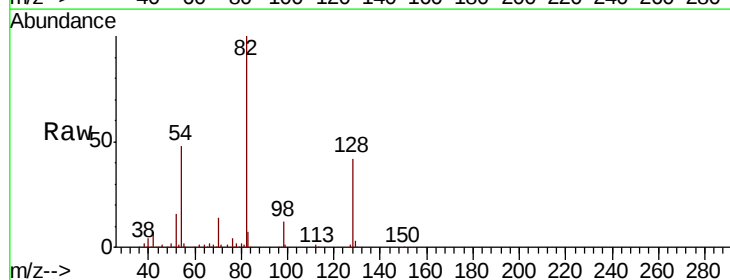
Ion Ratio Lower Upper

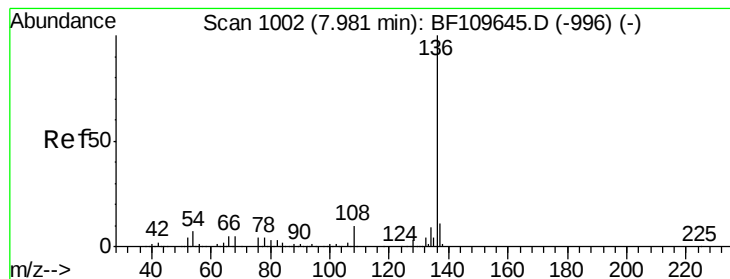
70 100

42 47.0 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: BF109775.D

Acq: 11 Oct 2018 7:11

Instrument :

BNA_F

ClientSampleId :

FL-PH-2-STONE

Tgt Ion: 136 Resp: 331648

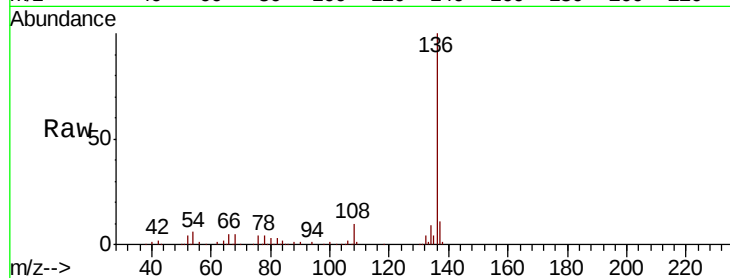
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.5 5.4 8.2

68 5.0 4.2 6.2

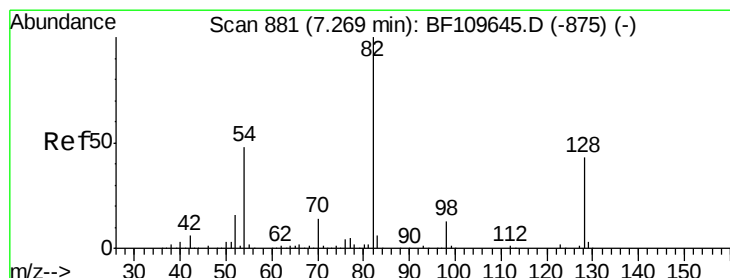
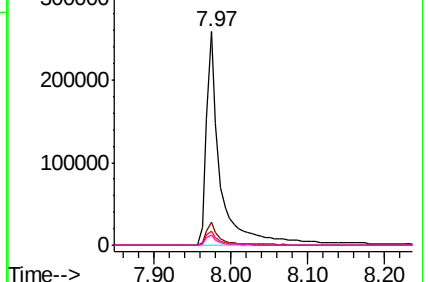
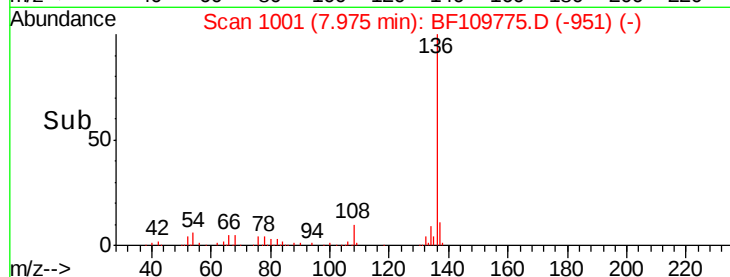


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.208 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109775.D

Acq: 11 Oct 2018 7:11

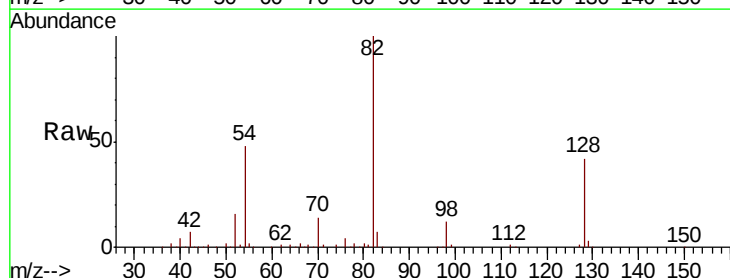
Tgt Ion: 82 Resp: 476553

Ion Ratio Lower Upper

82 100

128 41.7 34.2 51.2

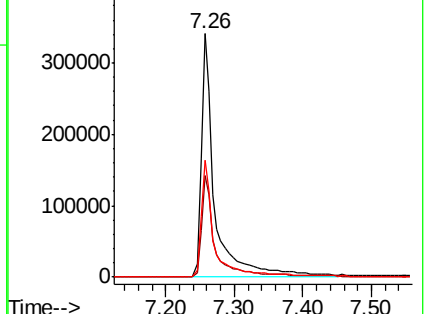
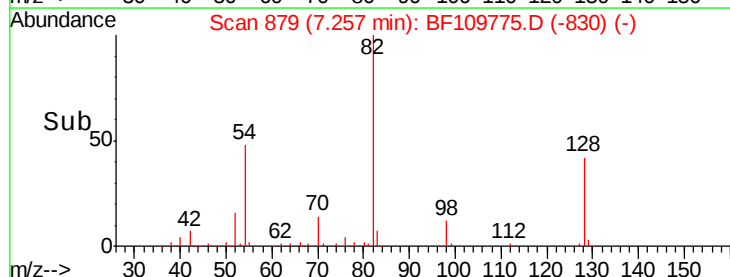
54 48.0 38.6 58.0

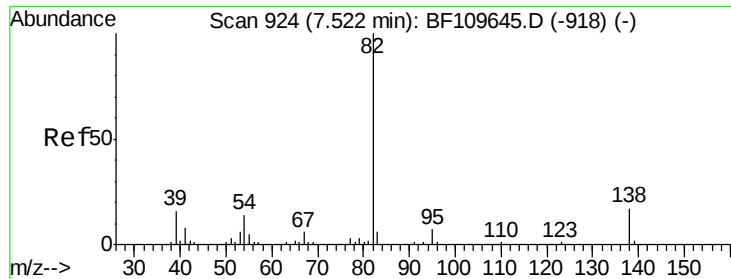


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

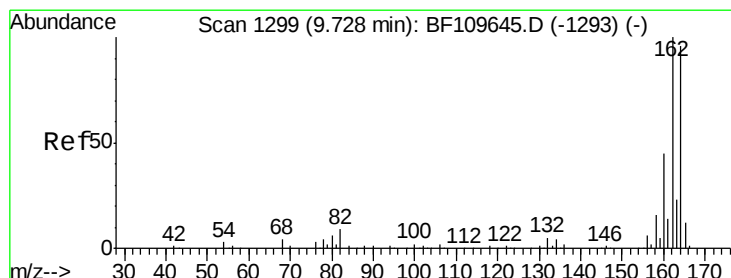
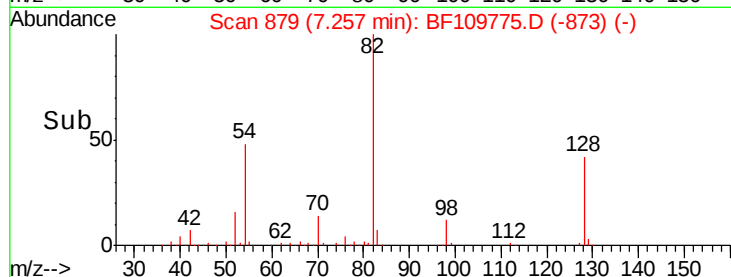
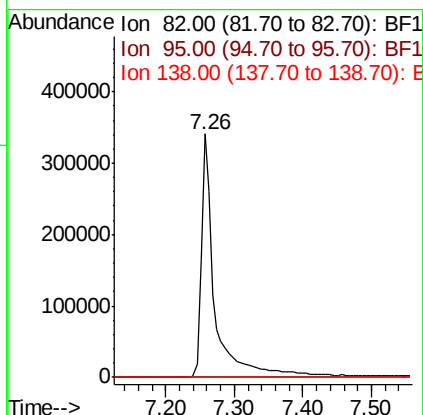
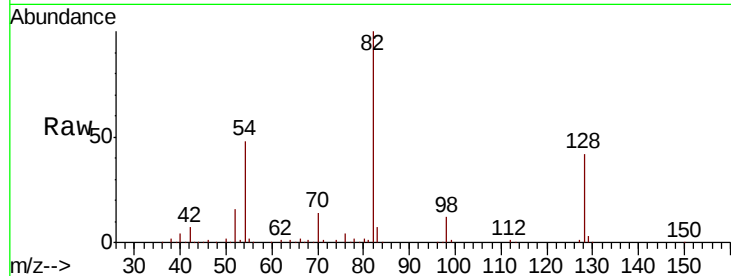




#25
Isophorone
Concen: 47.700 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109775.D
Acq: 11 Oct 2018 7:11

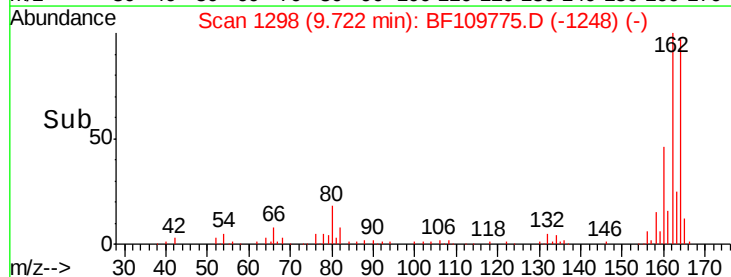
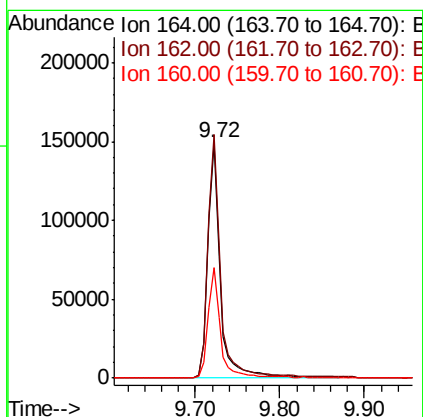
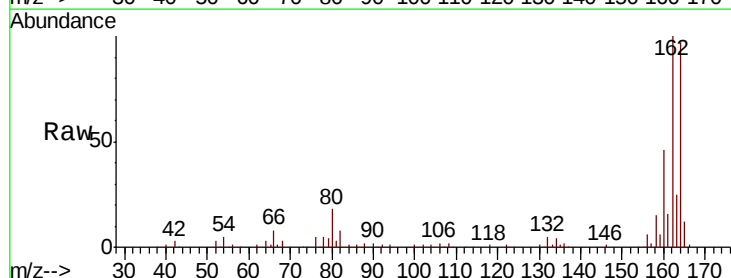
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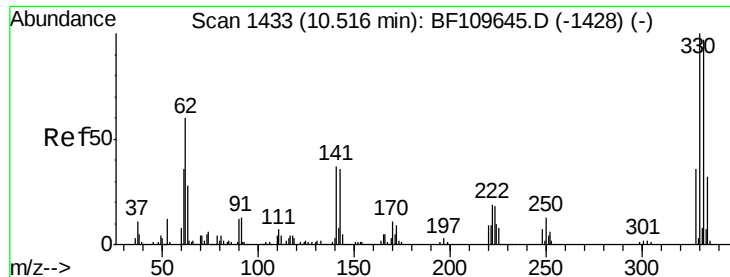
Tgt Ion: 82 Resp: 476553
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109775.D
Acq: 11 Oct 2018 7:11

Tgt Ion: 164 Resp: 156711
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 47.2 37.0 55.6

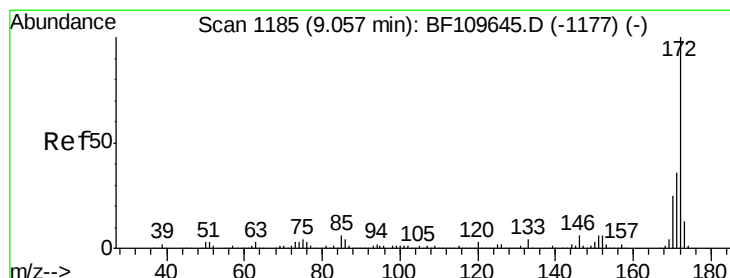
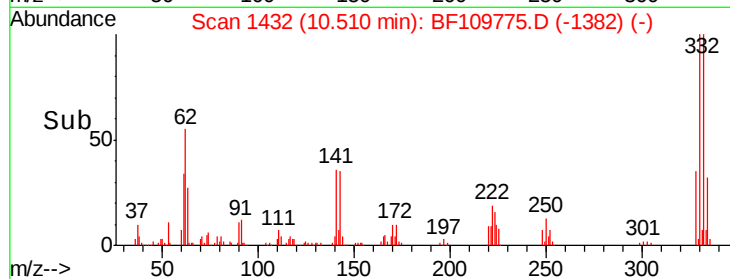
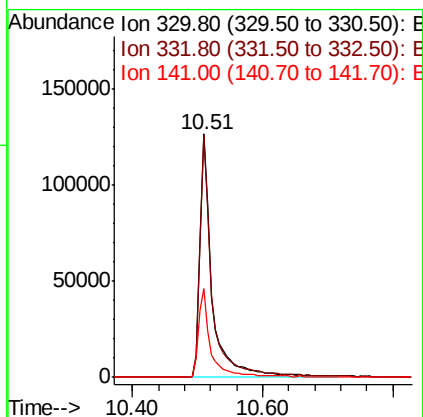
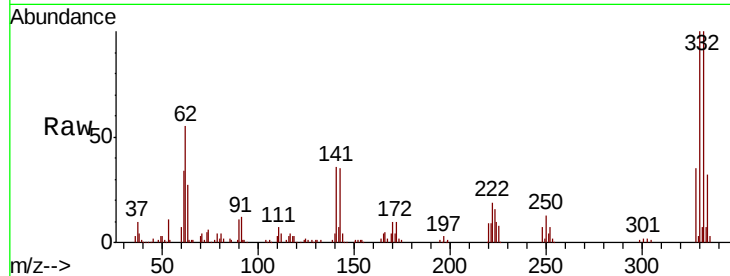




#41
 2,4,6-Tribromophenol
 Concen: 99.407 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109775.D
 Acq: 11 Oct 2018 7:11

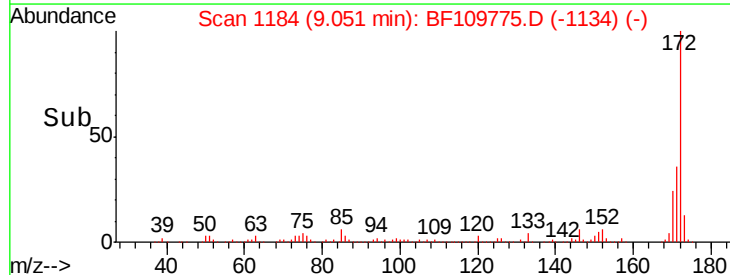
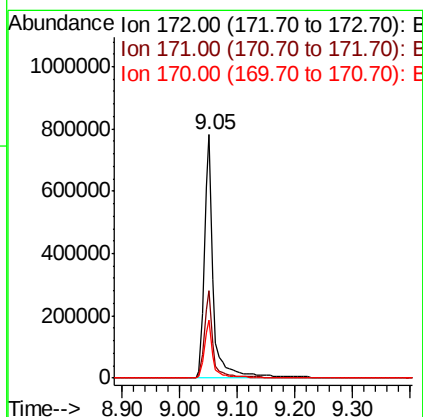
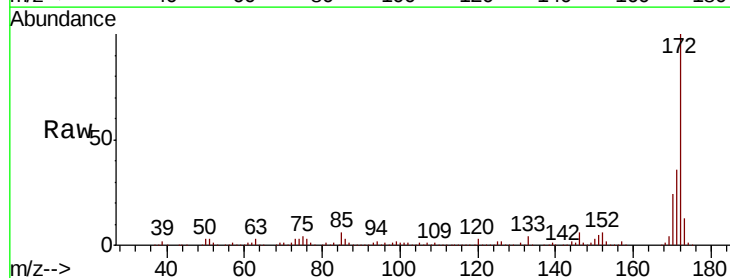
Instrument :
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 FL-PH-2-STONE

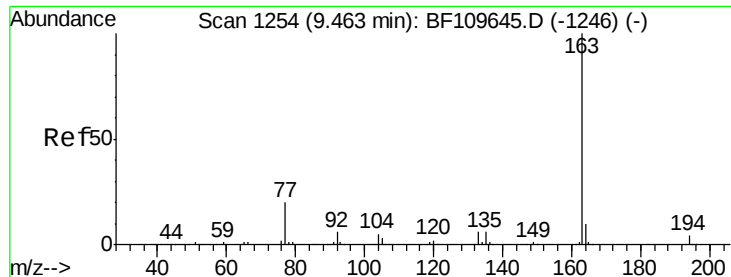
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	35.3	27.0	40.4



#44
 2-Fluorobiphenyl
 Concen: 76.894 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109775.D
 Acq: 11 Oct 2018 7:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.9	19.7	29.5

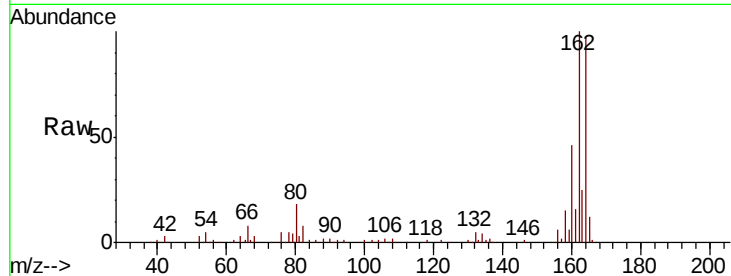




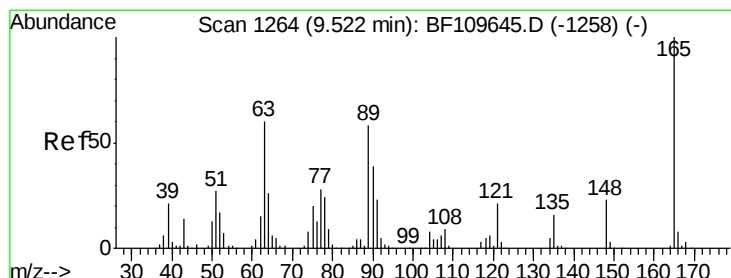
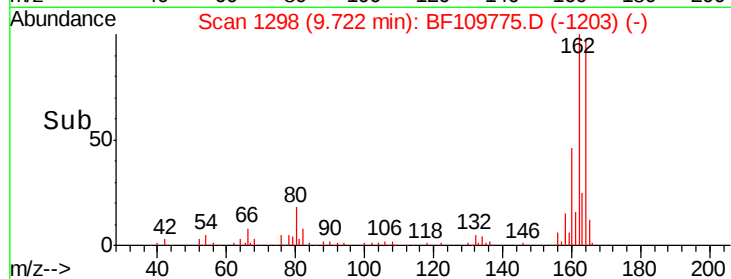
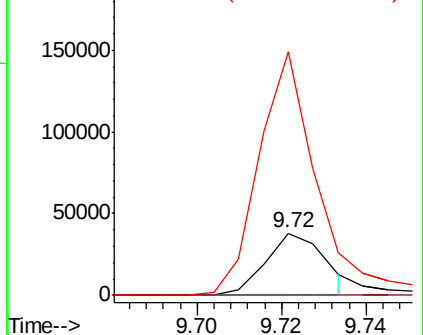
#49
Dimethylphthalate
Concen: 3.245 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109775.D
Acq: 11 Oct 2018 7:11

Instrument :
BNA_F
ClientSampleId :
FL-PH-2-STONE

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	391.9	8.1	12.1#

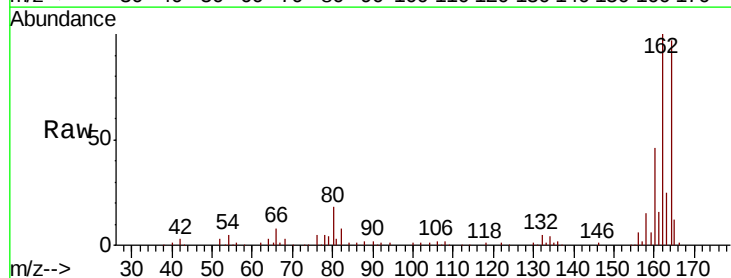


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

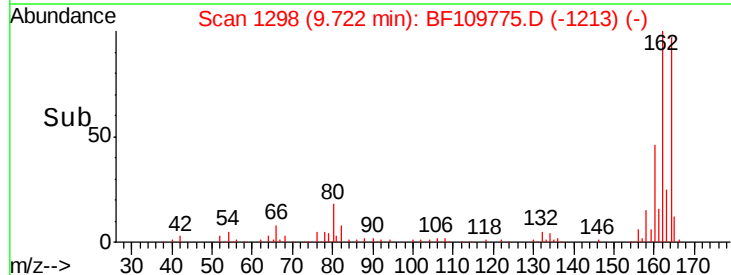
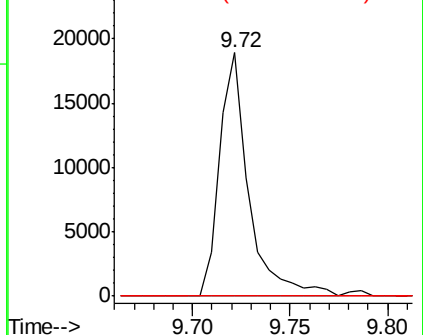


#50
2,6-Dinitrotoluene
Concen: 7.858 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109775.D
Acq: 11 Oct 2018 7:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	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

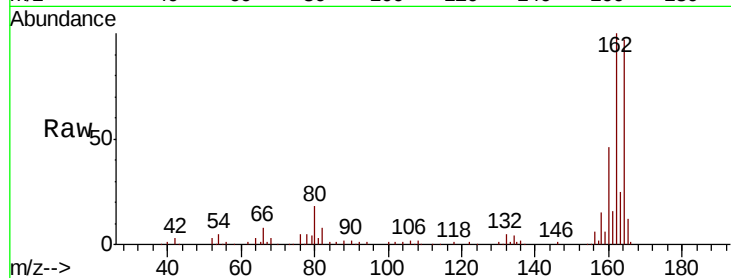




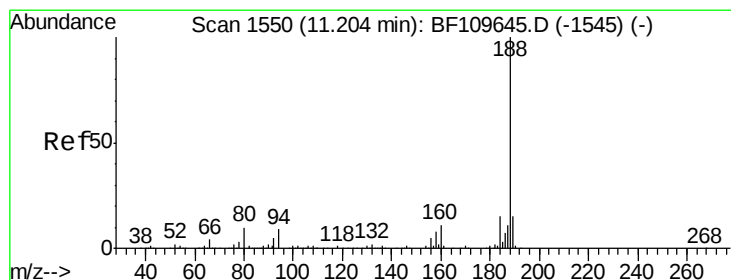
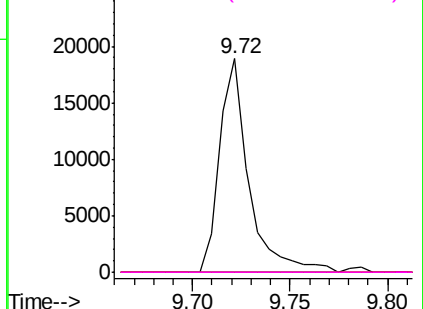
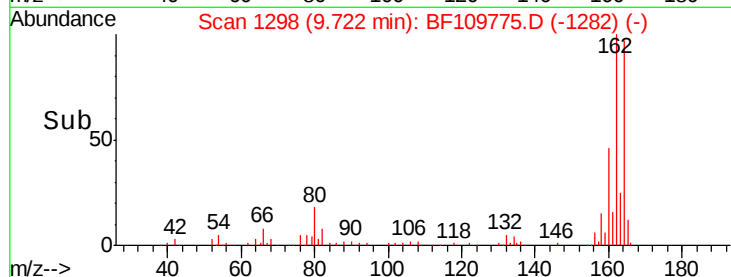
#56
 2,4-Dinitrotoluene
 Concen: 6.297 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109775.D
 Acq: 11 Oct 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-2-STONE

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#

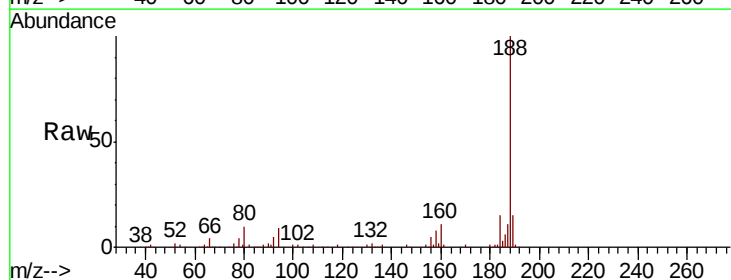


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

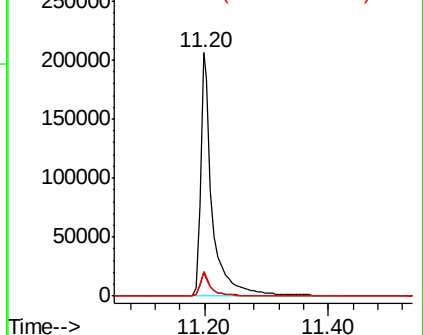
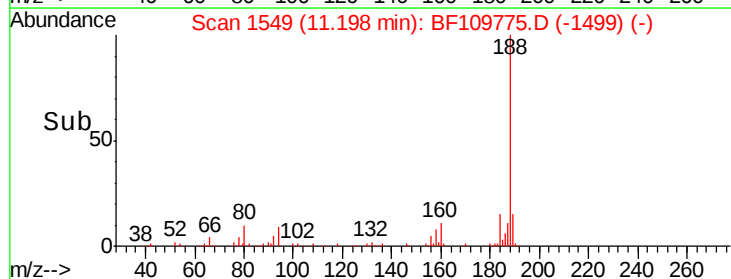


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109775.D
 Acq: 11 Oct 2018 7:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.2	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

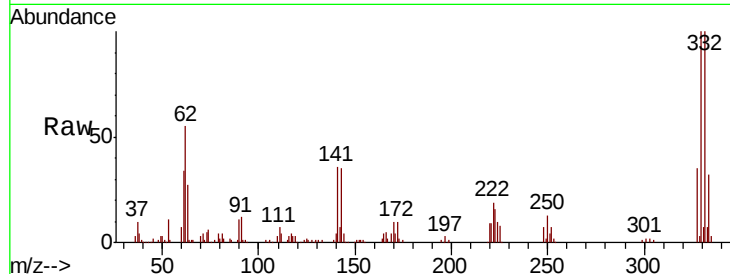




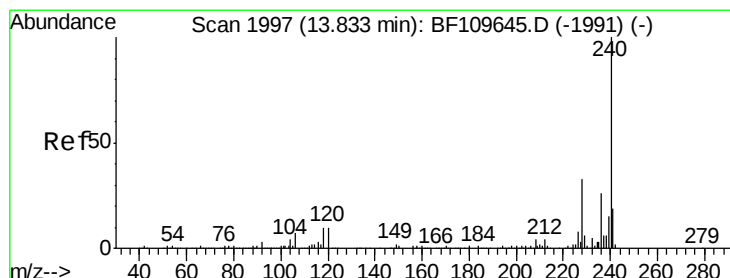
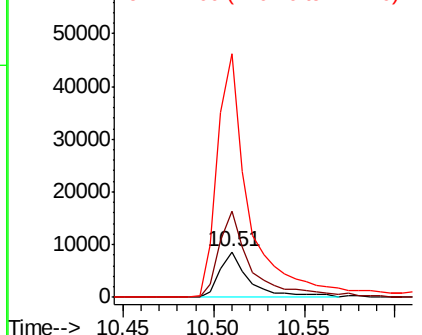
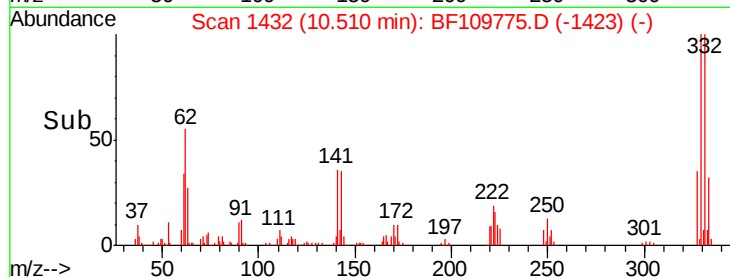
#66
 4-Bromophenyl-phenylether
 Concen: 3.084 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109775.D
 Acq: 11 Oct 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-2-STONE

Tgt Ion:248 Resp: 9834
 Ion Ratio Lower Upper
 248 100
 250 190.2 79.4 119.2#
 141 535.6 55.9 83.9#

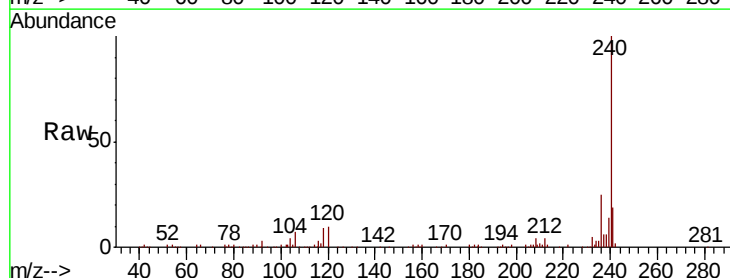


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

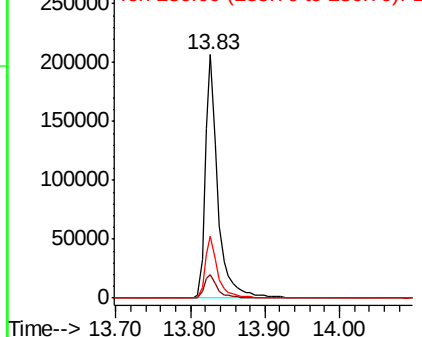
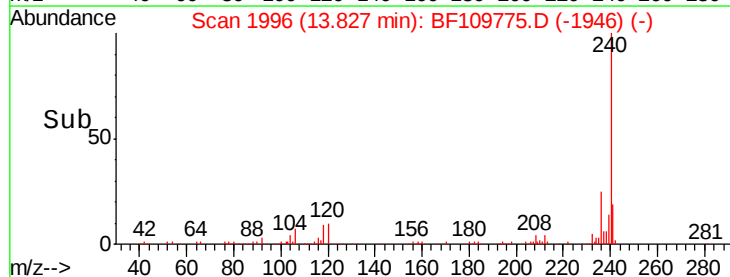


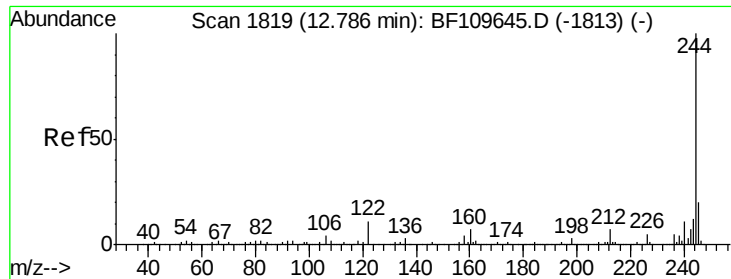
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109775.D
 Acq: 11 Oct 2018 7:11

Tgt Ion:240 Resp: 240154
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.3 12.5
 236 25.2 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: 61.704 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109775.D

Acq: 11 Oct 2018 7:11

Instrument :

BNA_F

ClientSampleId :

FL-PH-2-STONE

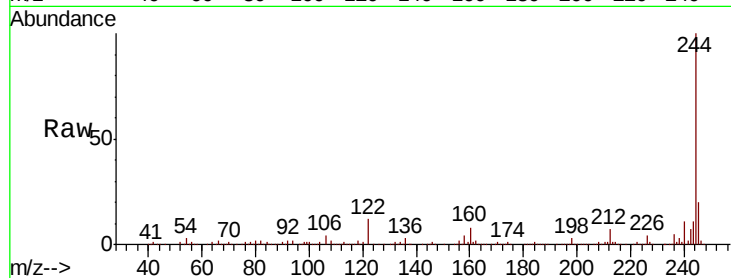
Tgt Ion:244 Resp: 765475

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

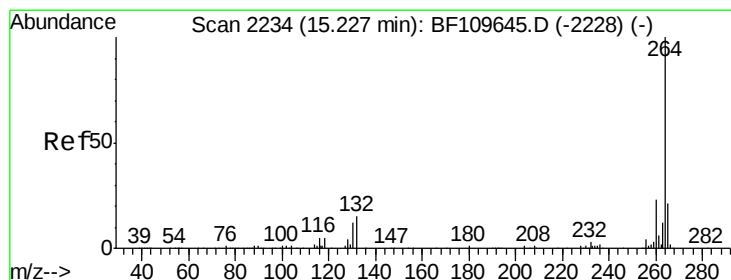
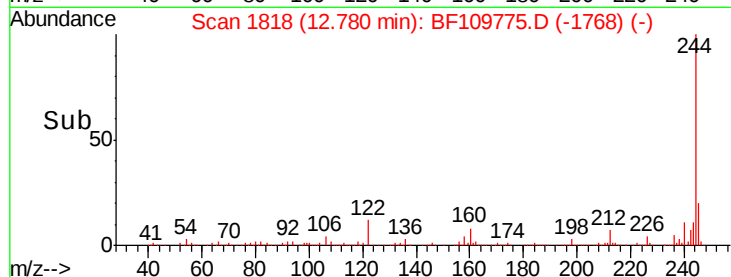
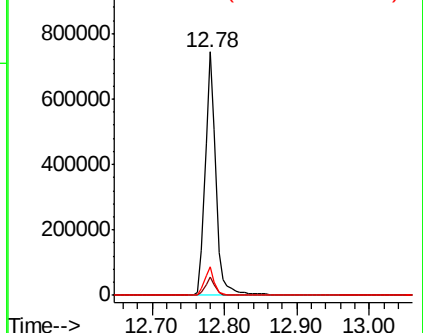
122 11.6 8.7 13.1



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: BF109775.D

Acq: 11 Oct 2018 7:11

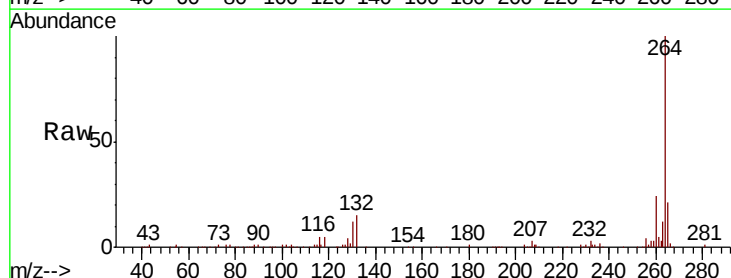
Tgt Ion:264 Resp: 221802

Ion Ratio Lower Upper

264 100

260 23.9 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

