

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109715.D
 Acq On : 10 Oct 2018 00:39
 Operator : JU/SJ
 Sample : J5326-36
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-1-STONE

Quant Time: Oct 10 03:09:24 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

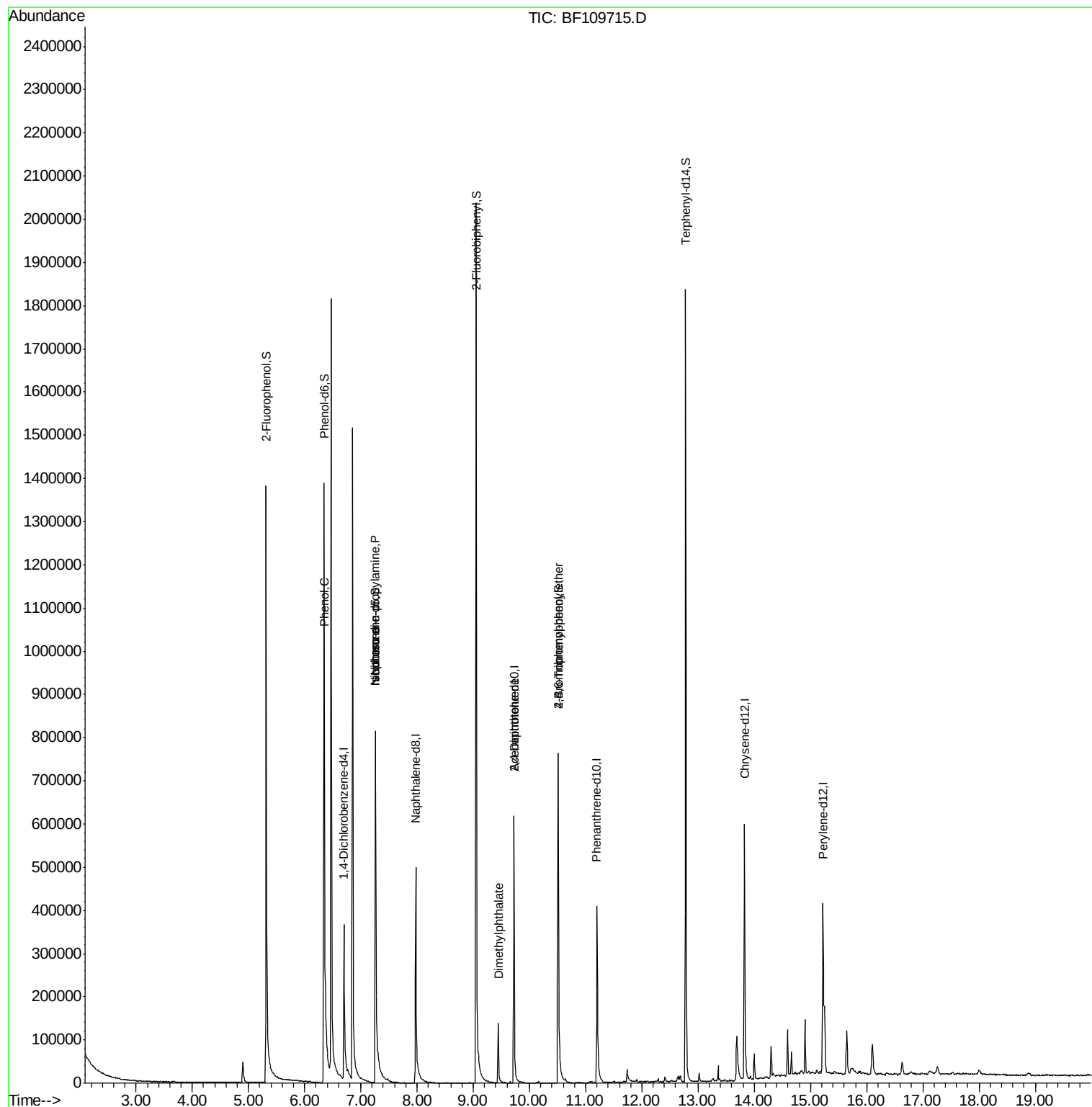
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	88633	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	340925	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	140702	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	236386	20.00	ng	0.00
75) Chrysene-d12	13.83	240	245323	20.00	ng	0.00
86) Perylene-d12	15.23	264	226049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	491616	98.45	ng	0.00
7) Phenol-d6	6.35	99	703664	105.49	ng	-0.01
23) Nitrobenzene-d5	7.26	82	452003	73.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	136150	88.81	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	788463	77.18	ng	0.00
78) Terphenyl-d14	12.78	244	653354	51.56	ng	0.00
Target Compounds						
10) Phenol	6.36	94	20506	2.681	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	58236	12.449	ng	# 82
25) Isophorone	7.26	82	456148	44.415	ng	# 67
49) Dimethylphthalate	9.45	163	74826	7.251	ng	99
56) 2,4-Dinitrotoluene	9.72	165	17212	6.166	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	8239	3.033	ng	# 1

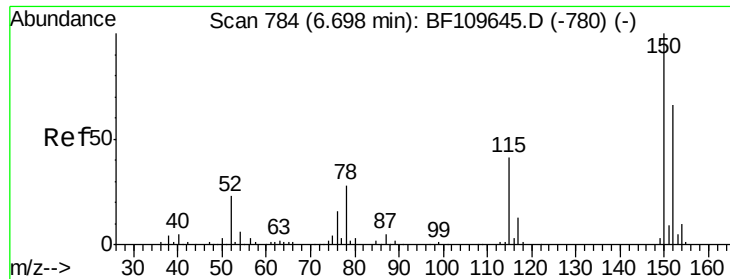
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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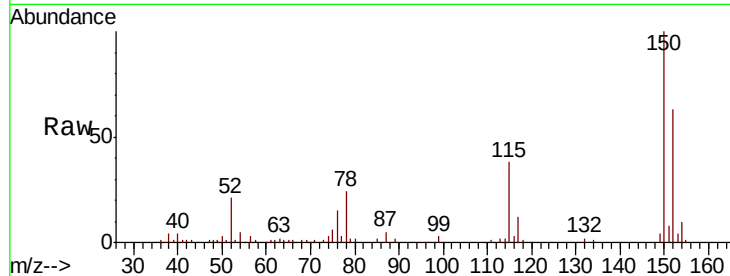


#1

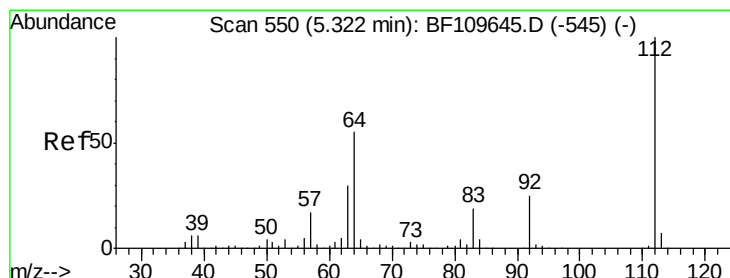
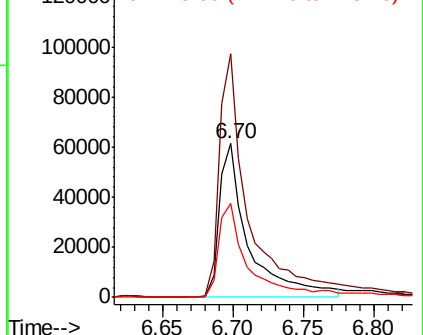
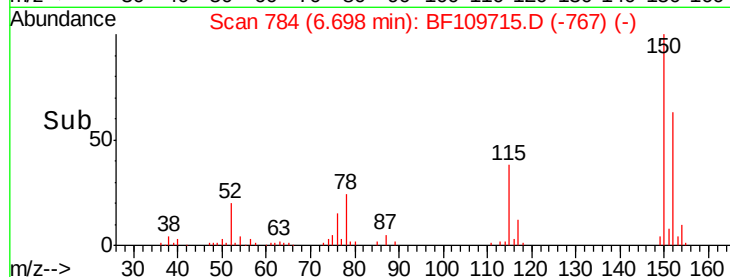
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

Instrument :
BNA_F
ClientSampleId :
FL-PH-1-STONE

Tgt Ion:152 Resp: 88633
Ion Ratio Lower Upper
152 100
150 158.6 122.7 184.1
115 60.9 49.1 73.7



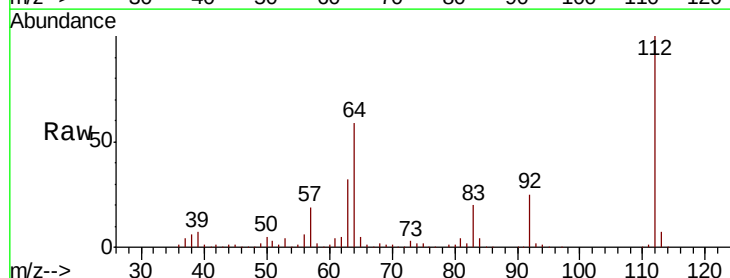
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



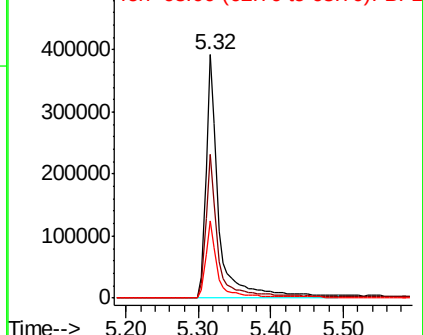
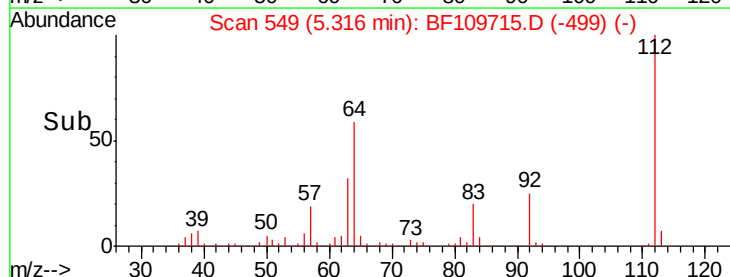
#5

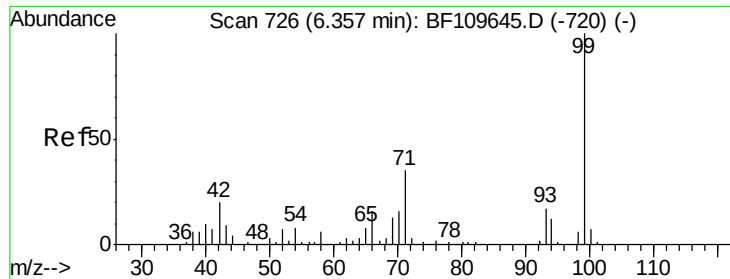
2-Fluorophenol
Concen: 98.455 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

Tgt Ion:112 Resp: 491616
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 31.8 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: 105.489 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109715.D

Acq: 10 Oct 2018 00:39

Instrument :

BNA_F

ClientSampleId :

FL-PH-1-STONE

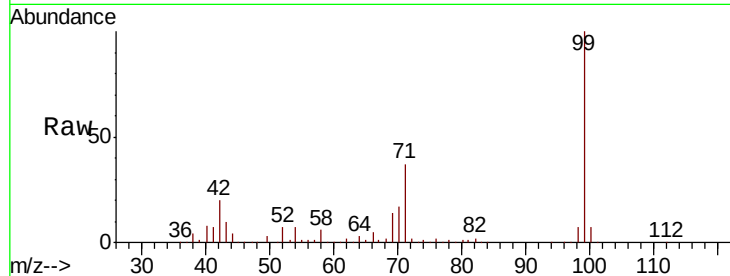
Tgt Ion: 99 Resp: 703664

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

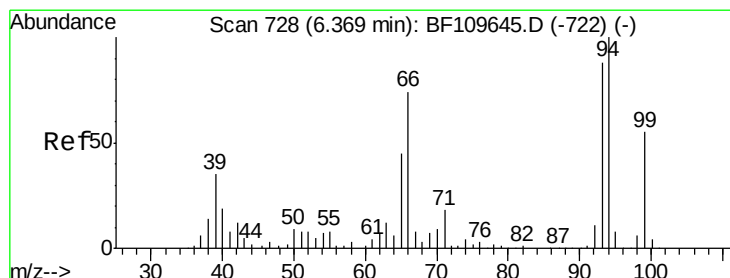
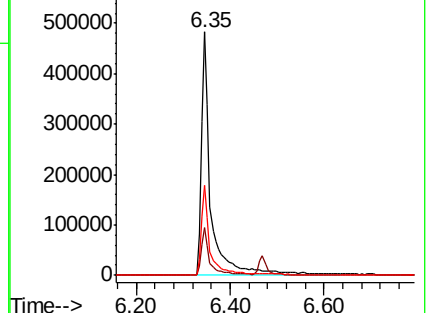
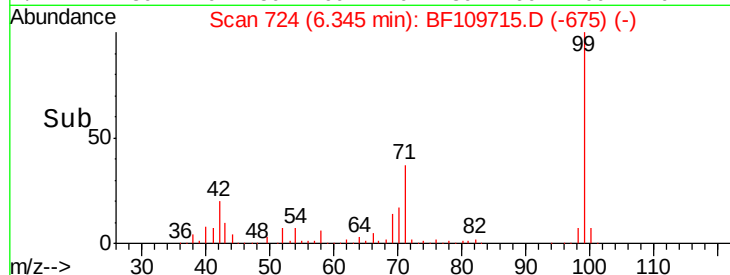
71 36.9 28.0 42.0



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: 2.681 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109715.D

Acq: 10 Oct 2018 00:39

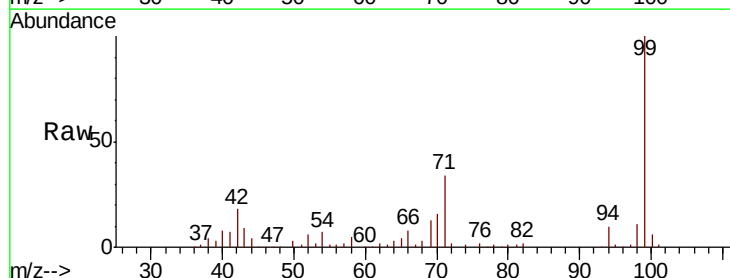
Tgt Ion: 94 Resp: 20506

Ion Ratio Lower Upper

94 100

65 41.2 25.3 65.3

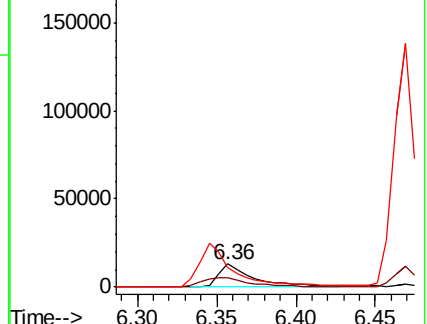
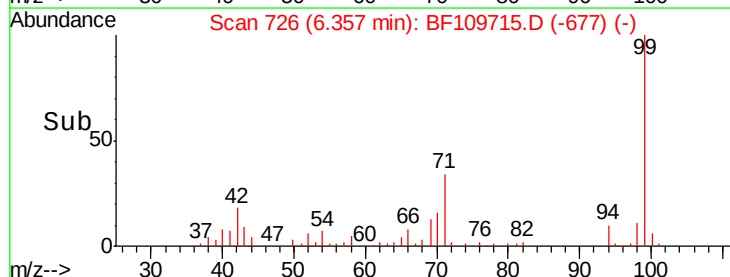
66 86.0 54.5 94.5

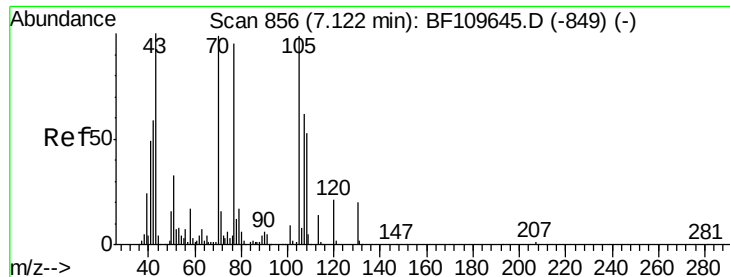


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

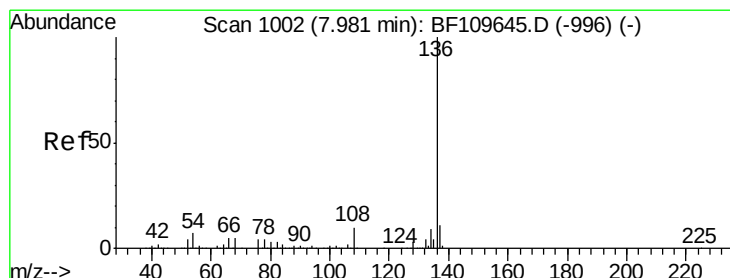
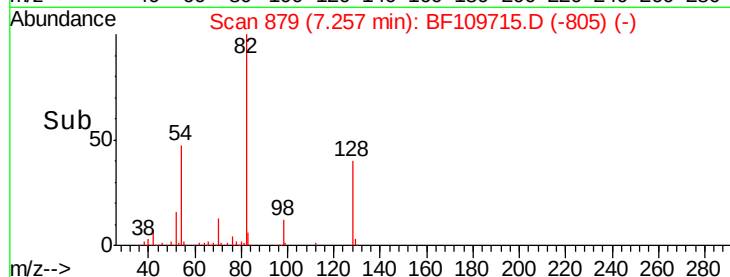
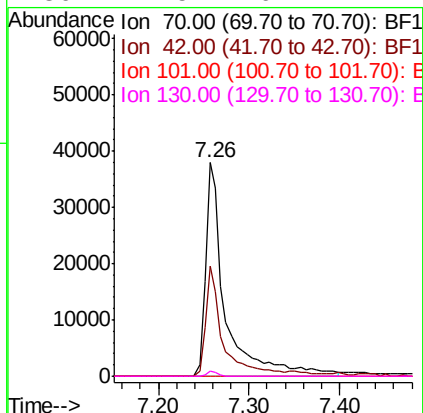
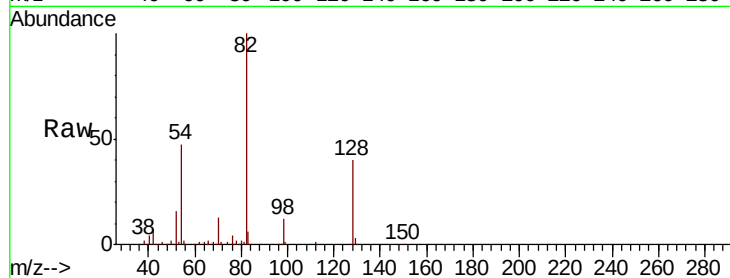




#19
n-Nitroso-di-n-propylamine
Concen: 12.449 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

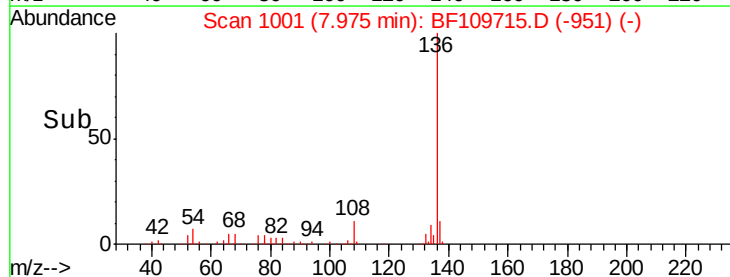
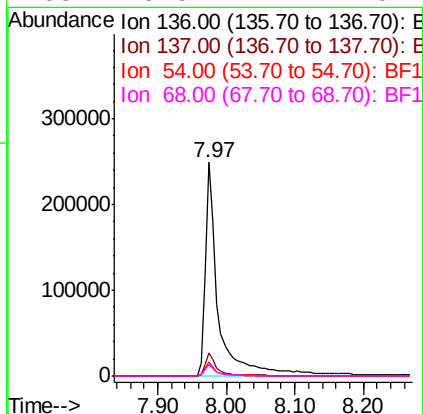
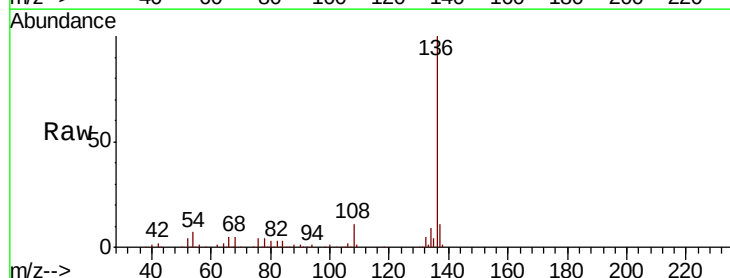
Instrument :
BNA_F
ClientSampleId :
FL-PH-1-STONE

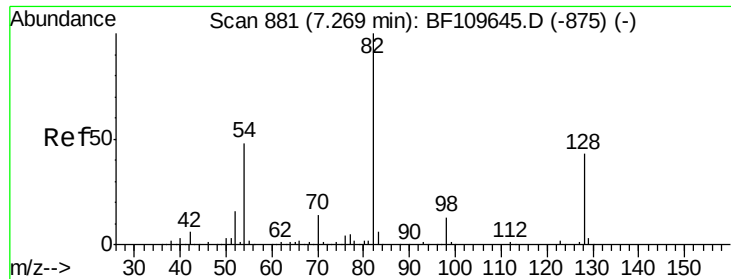
Tgt Ion: 70 Resp: 58236
Ion Ratio Lower Upper
70 100
42 51.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

Tgt Ion: 136 Resp: 340925
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 5.4 8.2
68 5.5 4.2 6.2

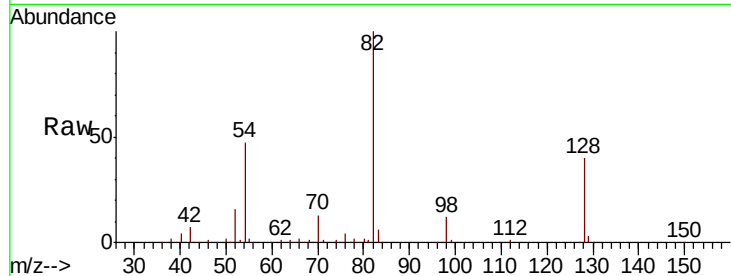




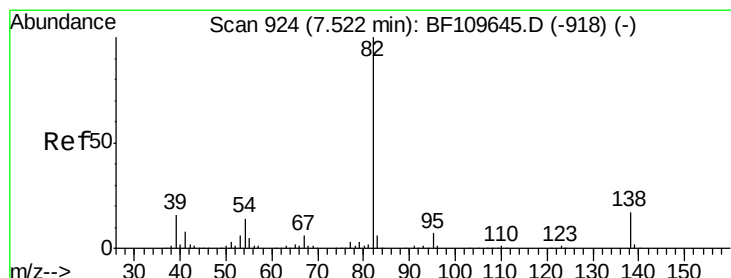
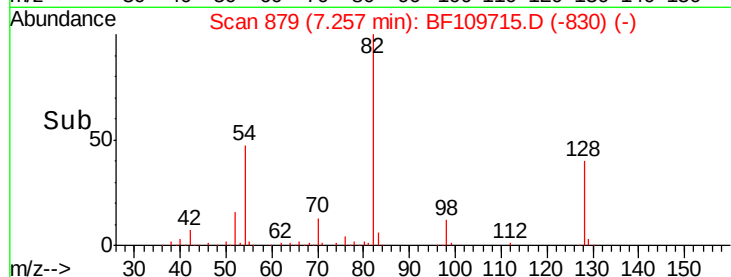
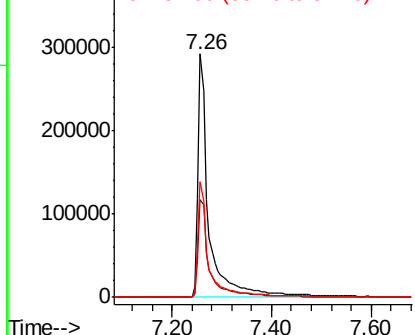
#23
Nitrobenzene-d5
Concen: 73.083 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

Instrument :
BNA_F
ClientSampleId :
FL-PH-1-STONE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.2	51.2
54	47.2	38.6	58.0

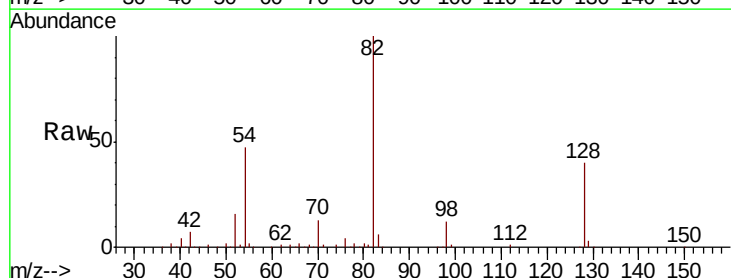


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

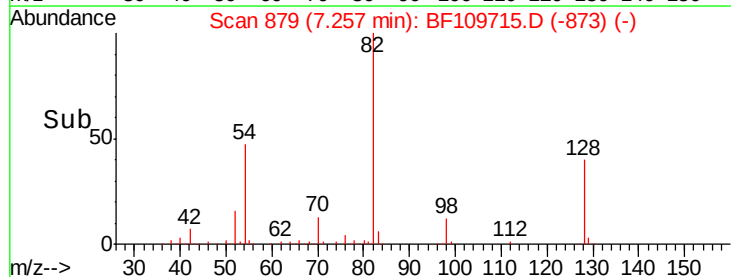
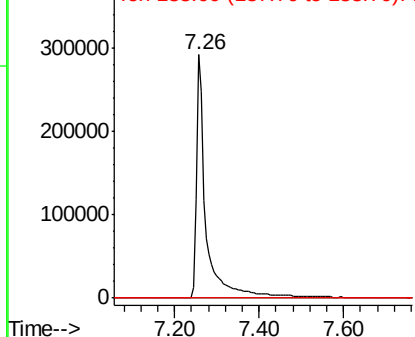


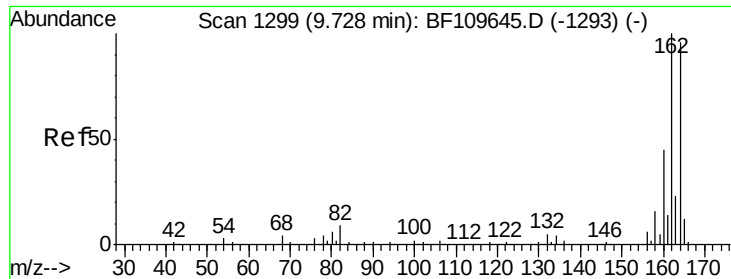
#25
Isophorone
Concen: 44.415 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

Tgt 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

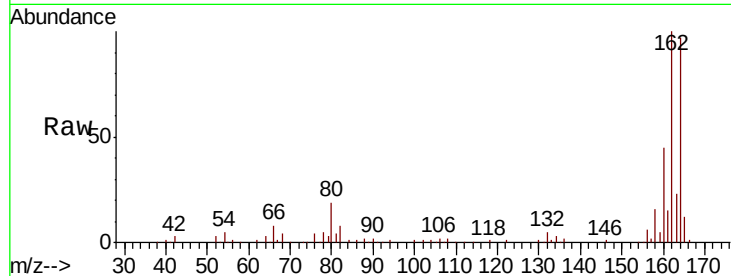




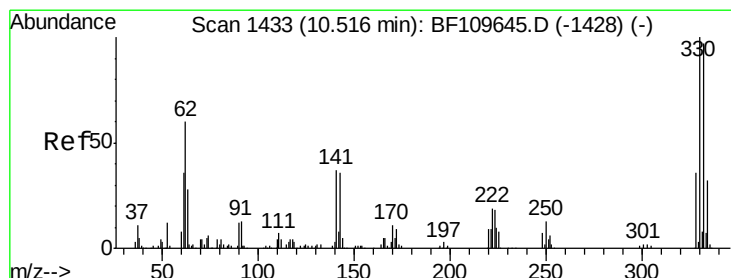
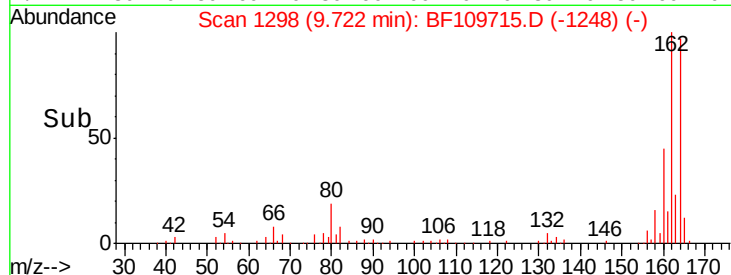
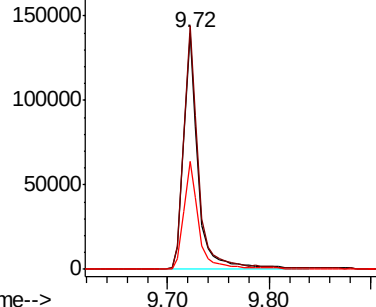
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109715.D
 Acq: 10 Oct 2018 00:39

Instrument :
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 ClientSampleId :
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Tgt Ion:164 Resp: 140702
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.0 124.6
 160 46.0 37.0 55.6

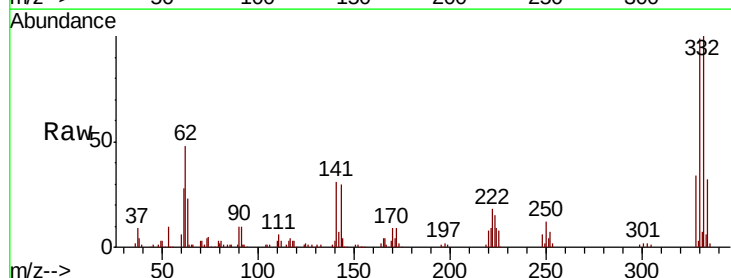


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

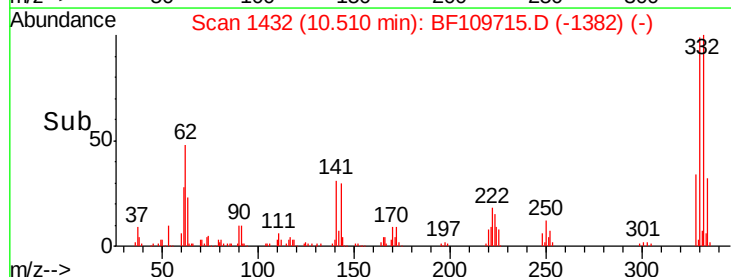
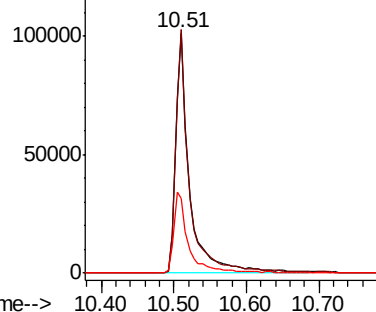


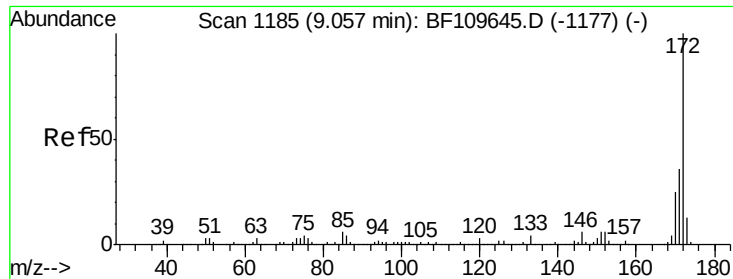
#41
 2,4,6-Tribromophenol
 Concen: 88.807 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109715.D
 Acq: 10 Oct 2018 00:39

Tgt Ion:330 Resp: 136150
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.1 115.7
 141 35.0 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

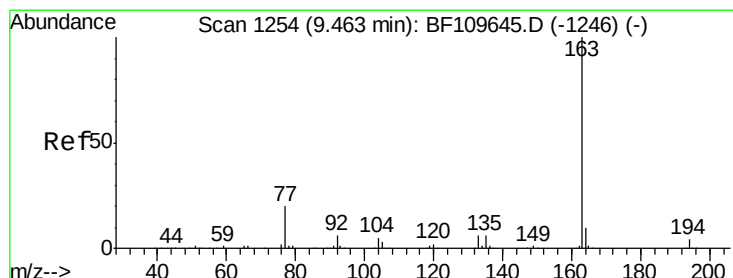
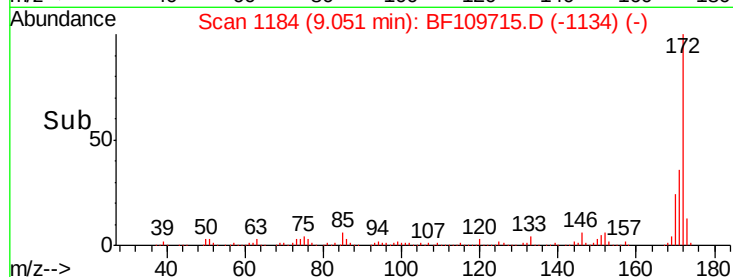
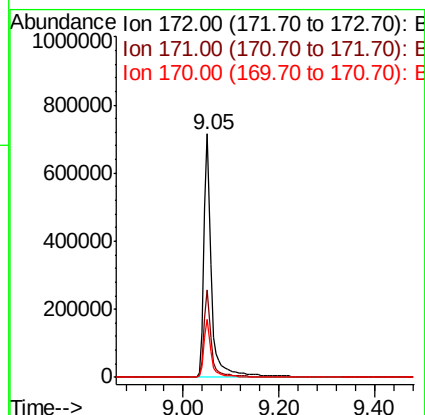
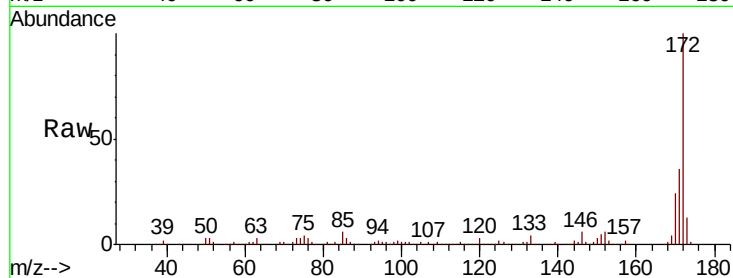




#44
2-Fluorobiphenyl
Concen: 77.178 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

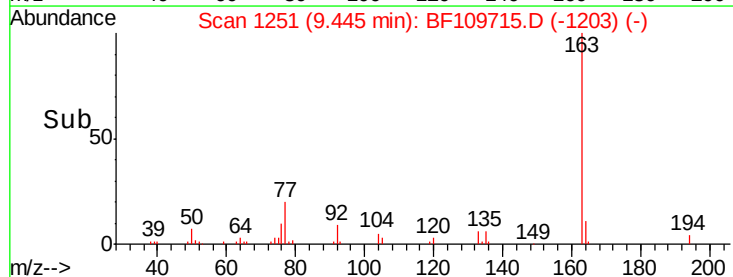
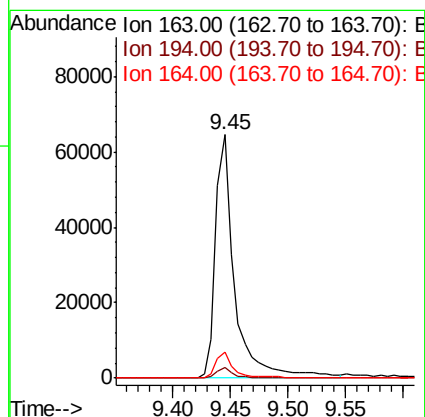
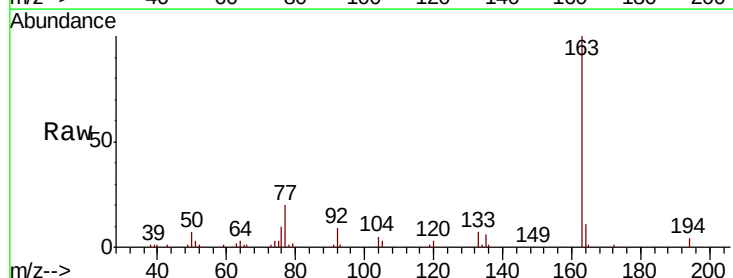
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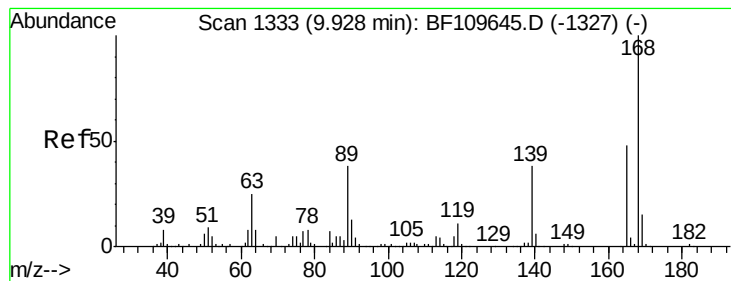
Tgt Ion:172 Resp: 788463
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.0 19.7 29.5



#49
Dimethylphthalate
Concen: 7.251 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

Tgt Ion:163 Resp: 74826
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.6 8.1 12.1





#56

2,4-Dinitrotoluene

Concen: 6.166 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109715.D

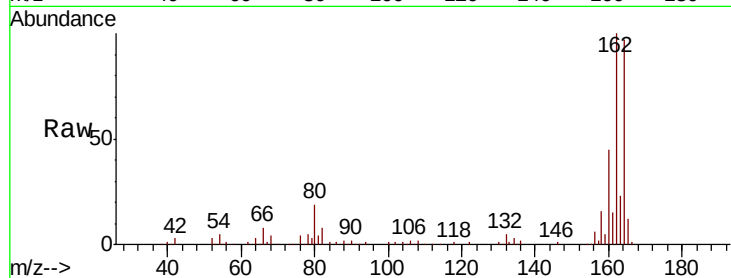
Acq: 10 Oct 2018 00:39

Instrument :

BNA_F

ClientSampleId :

FL-PH-1-STONE



Tgt Ion:165 Resp: 17212

Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.8 62.2 93.4#

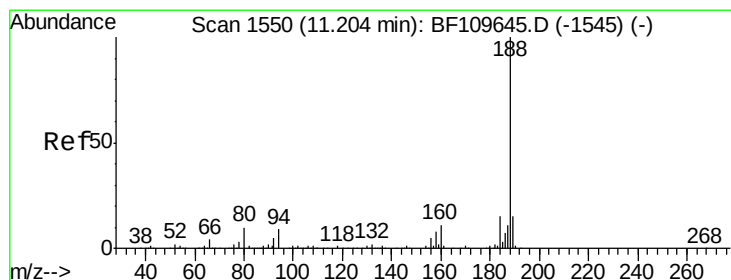
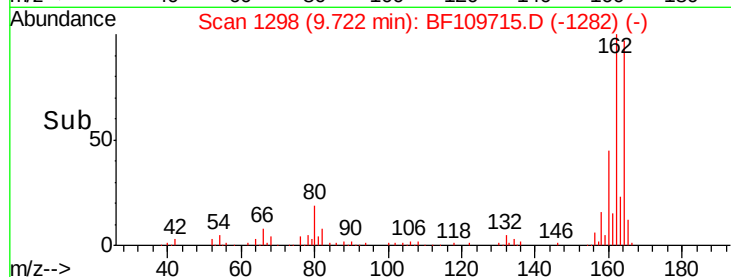
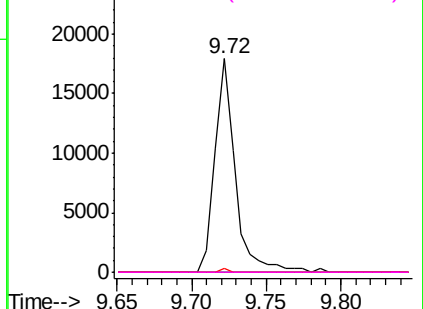
182 0.0 2.1 3.1#

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: BF109715.D

Acq: 10 Oct 2018 00:39

Tgt Ion:188 Resp: 236386

Ion Ratio Lower Upper

188 100

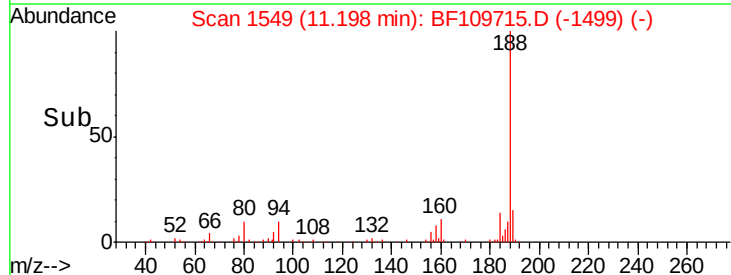
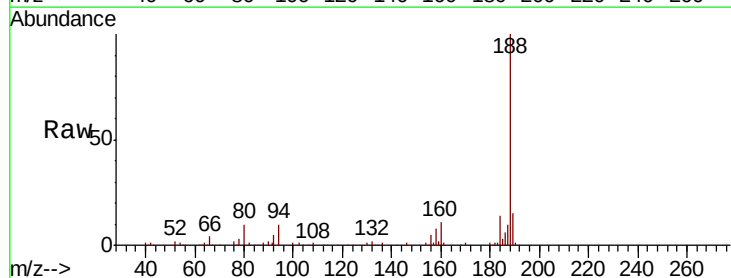
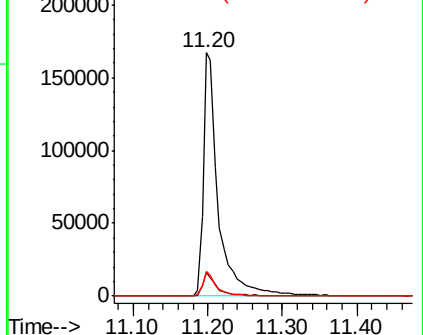
94 9.8 7.2 10.8

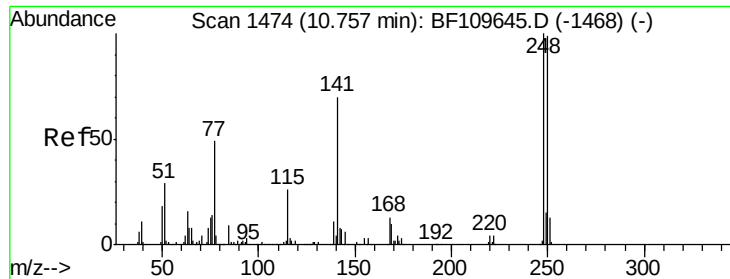
80 10.4 7.9 11.9

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

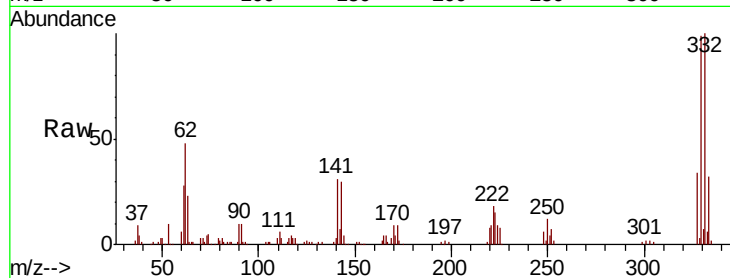




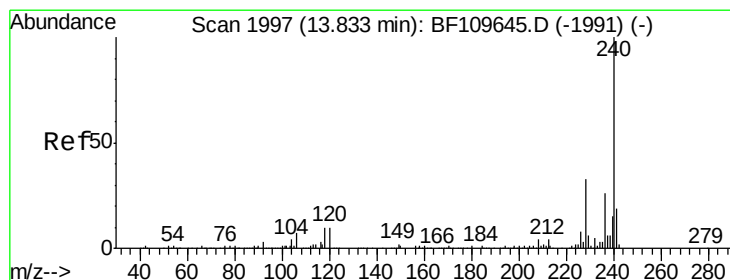
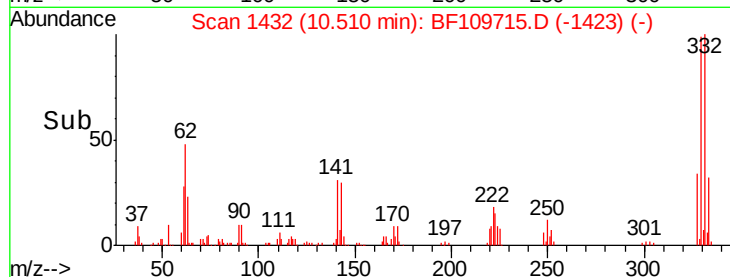
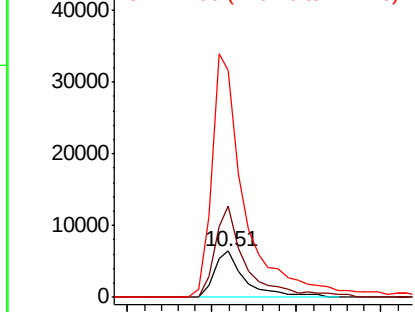
#66
4-Bromophenyl-phenylether
Concen: 3.033 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

Instrument :
BNA_F
ClientSampleId :
FL-PH-1-STONE

Tgt Ion:248 Resp: 8239
Ion Ratio Lower Upper
248 100
250 195.6 79.4 119.2#
141 489.9 55.9 83.9#

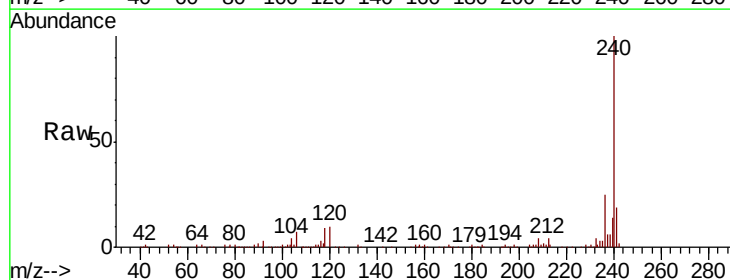


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

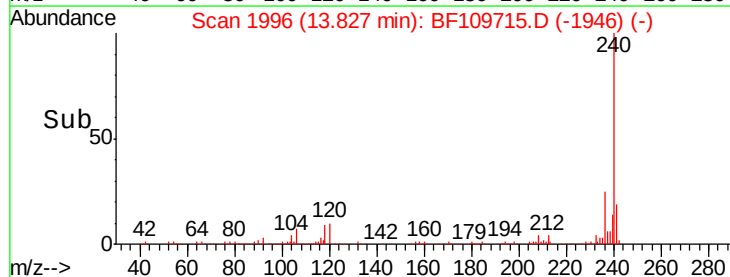
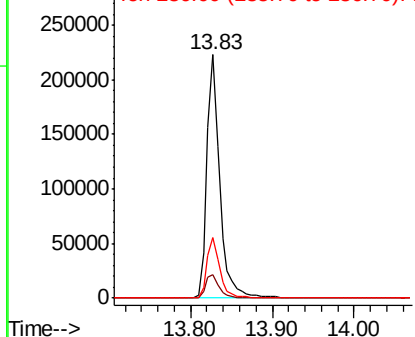


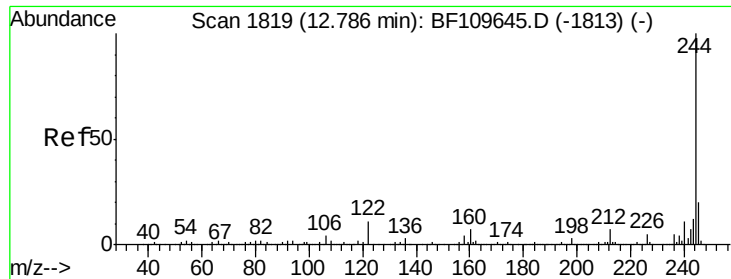
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109715.D
Acq: 10 Oct 2018 00:39

Tgt Ion:240 Resp: 245323
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 25.0 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: 51.556 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109715.D

Acq: 10 Oct 2018 00:39

Instrument :

BNA_F

ClientSampleId :

FL-PH-1-STONE

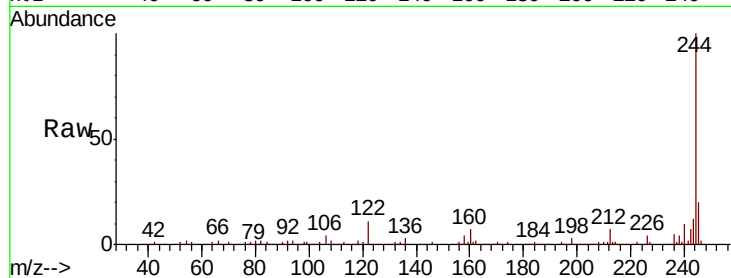
Tgt Ion:244 Resp: 653354

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

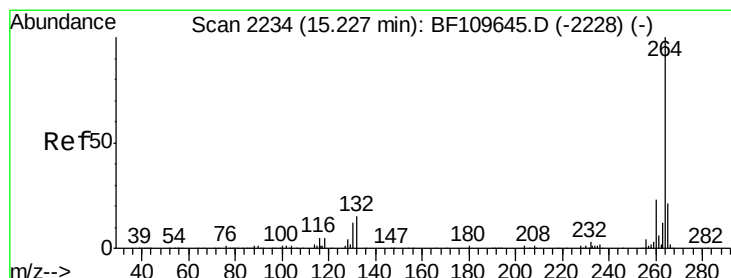
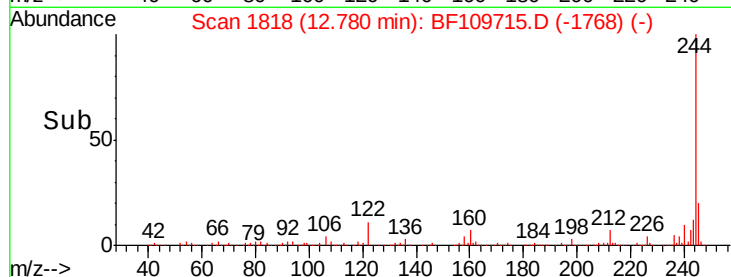
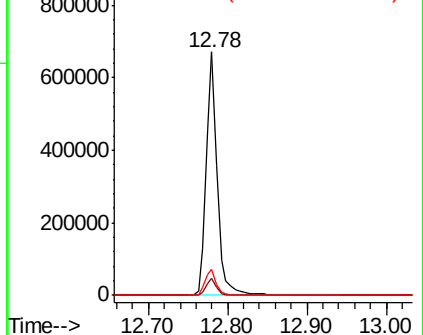
122 10.8 8.7 13.1



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: BF109715.D

Acq: 10 Oct 2018 00:39

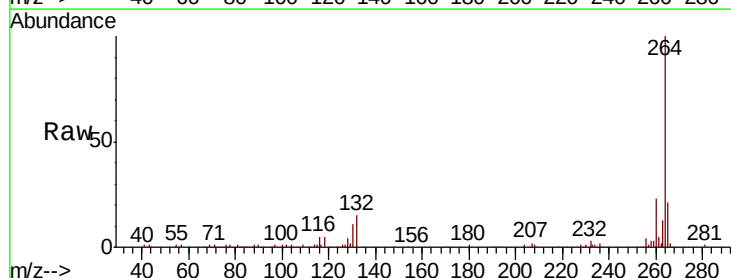
Tgt Ion:264 Resp: 226049

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.7 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

