

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109789.D
 Acq On : 11 Oct 2018 16:19
 Operator : JU/SJ
 Sample : J5392-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 17:47:19 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

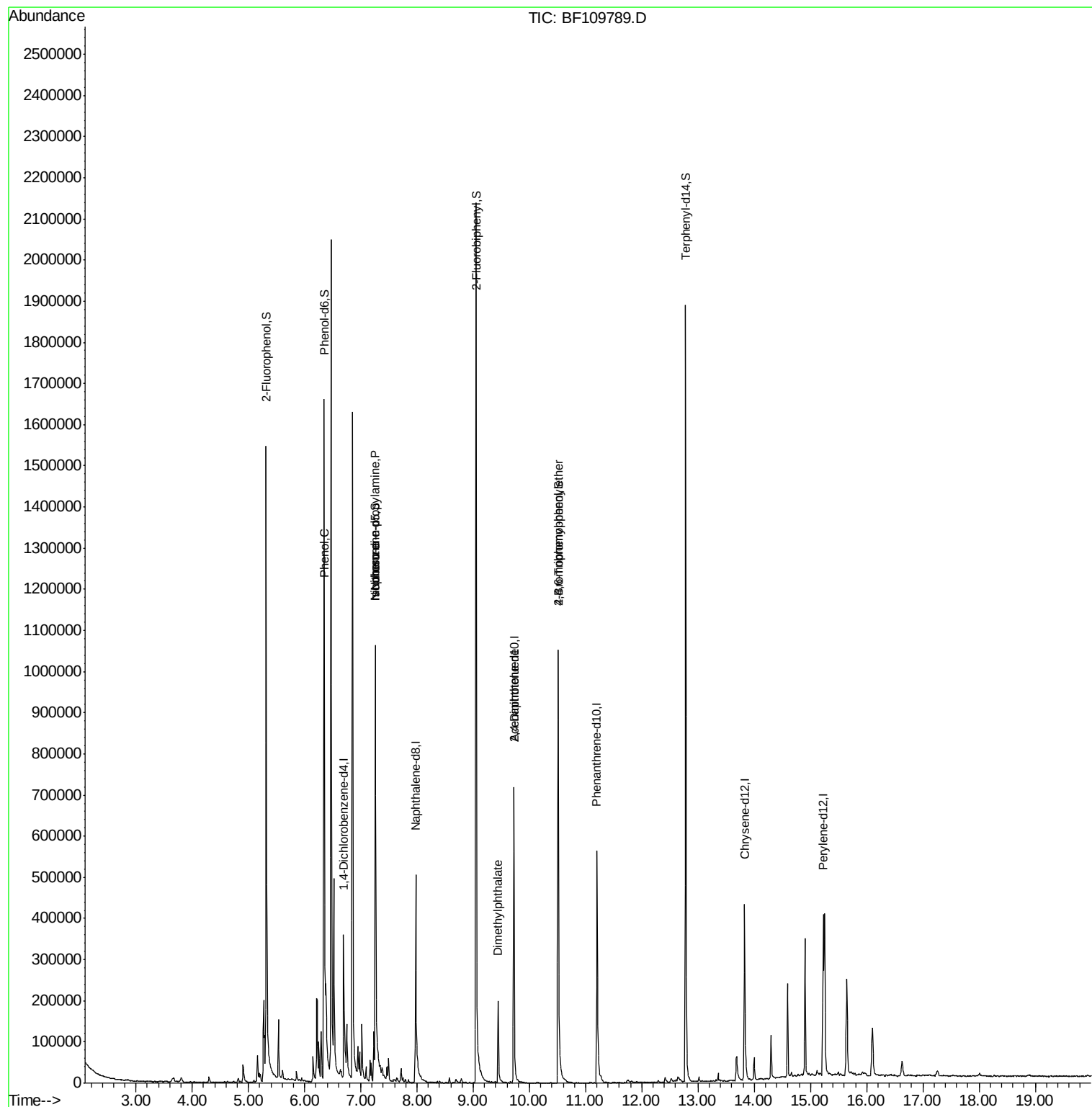
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	82826	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	343252	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	163490	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	308936	20.00	ng	0.00
75) Chrysene-d12	13.83	240	193979	20.00	ng	0.00
86) Perylene-d12	15.23	264	220675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	566065	121.31	ng	0.00
7) Phenol-d6	6.35	99	768329	123.26	ng	-0.01
23) Nitrobenzene-d5	7.26	82	517205	83.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	177738	99.77	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	901483	75.94	ng	0.00
78) Terphenyl-d14	12.78	244	712779	71.13	ng	0.00
Target Compounds						
10) Phenol	6.36	94	17918	2.507	ng	82
19) n-Nitroso-di-n-propylamine	7.26	70	66938	15.313	ng	# 78
25) Isophorone	7.26	82	518291	50.124	ng	# 67
49) Dimethylphthalate	9.45	163	109178	9.105	ng	98
56) 2,4-Dinitrotoluene	9.72	165	20445	6.303	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	10304	2.903	ng	# 1

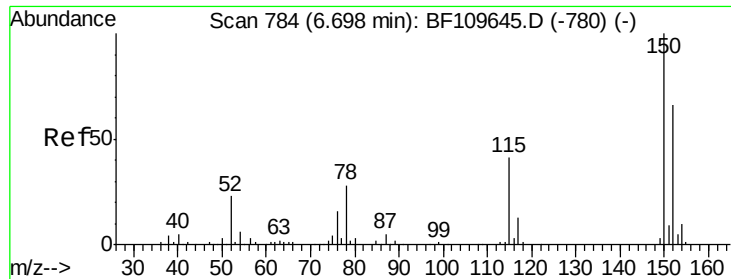
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



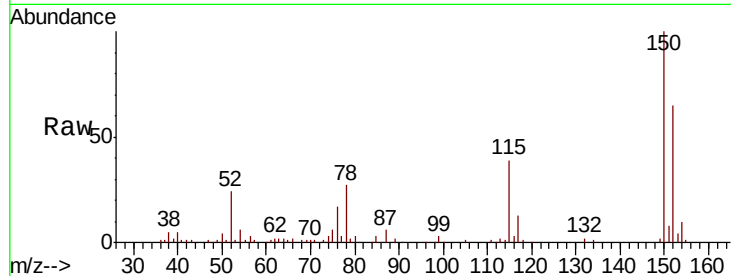


#1

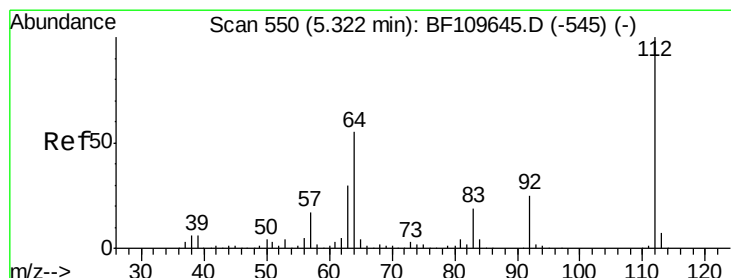
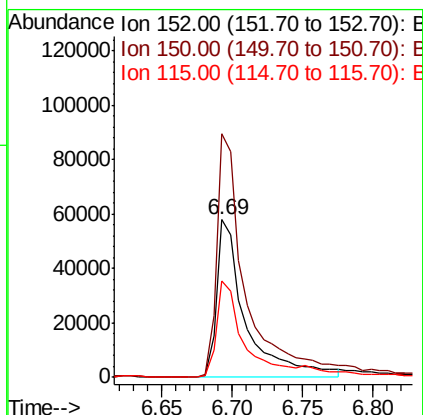
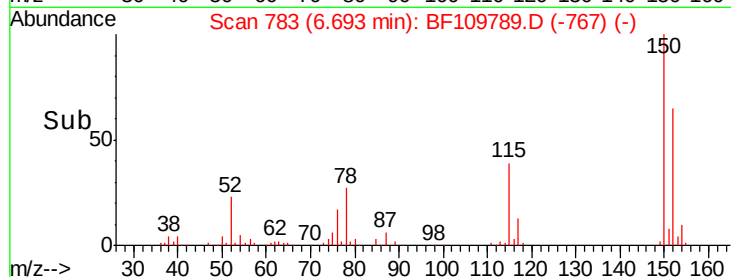
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82826
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 60.9 49.1 73.7



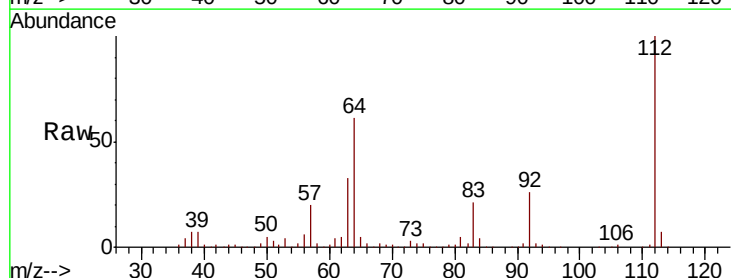
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



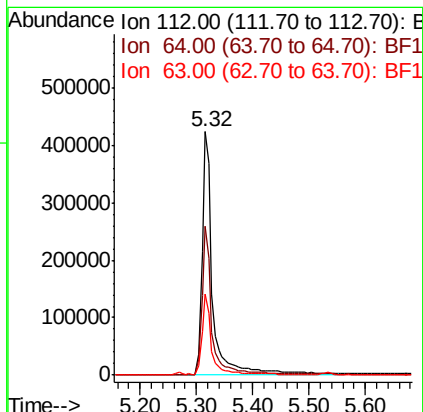
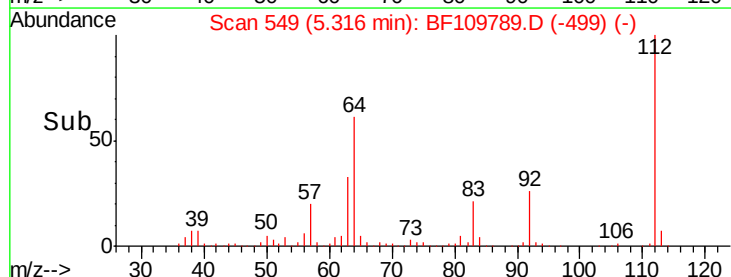
#5

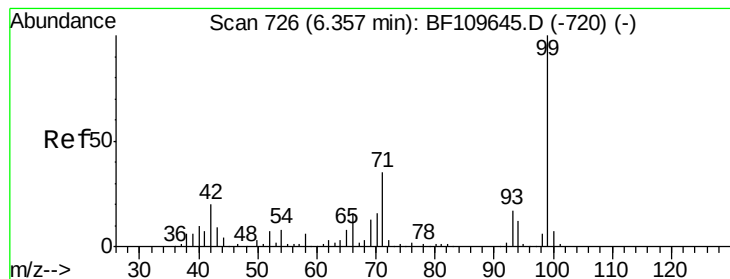
2-Fluorophenol
Concen: 121.313 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

Tgt Ion:112 Resp: 566065
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 33.1 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: 123.258 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109789.D

Acq: 11 Oct 2018 16:19

Instrument :

BNA_F

ClientSampleId :

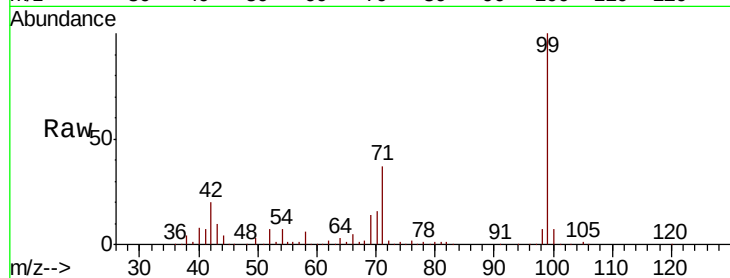
Tot Ion: 99 Resp: 768329

Ion Ratio Lower Upper

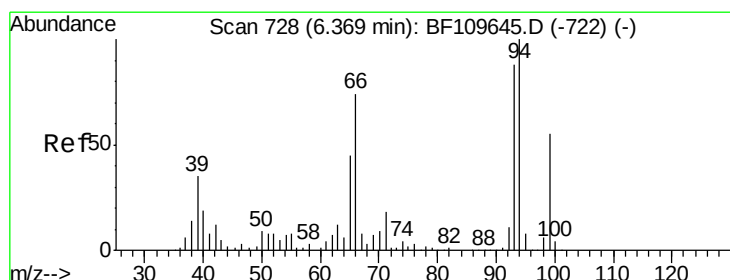
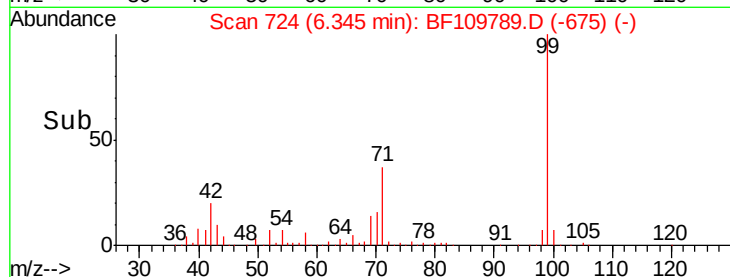
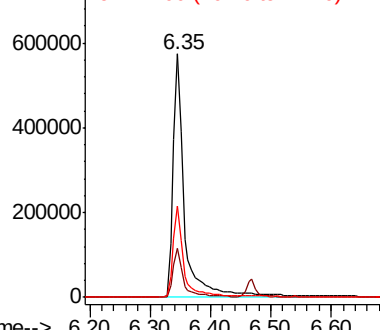
99 100

42 20.1 15.8 23.6

71 37.3 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: 2.507 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109789.D

Acq: 11 Oct 2018 16:19

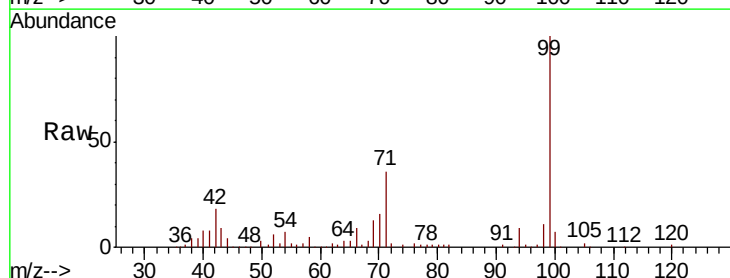
Tgt Ion: 94 Resp: 17918

Ion Ratio Lower Upper

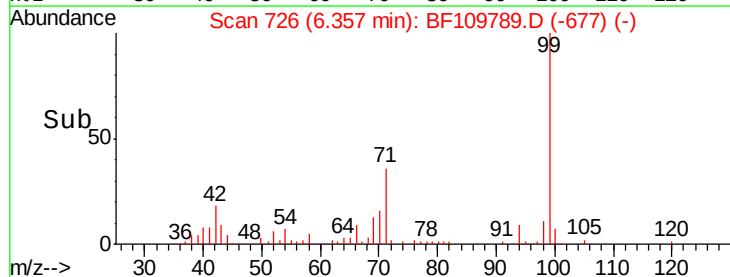
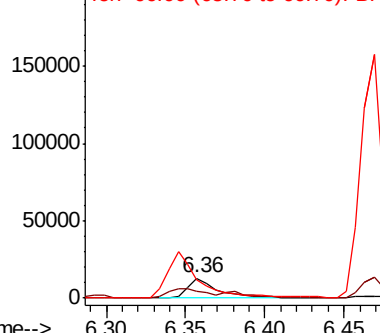
94 100

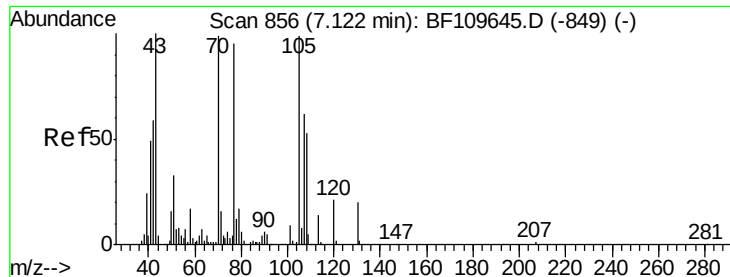
65 35.1 25.3 65.3

66 90.5 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

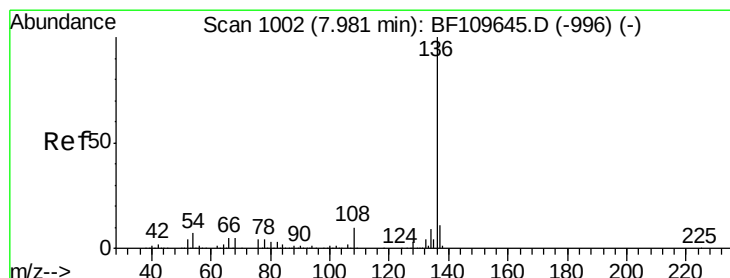
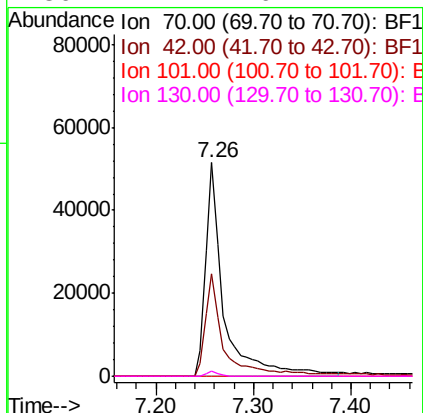
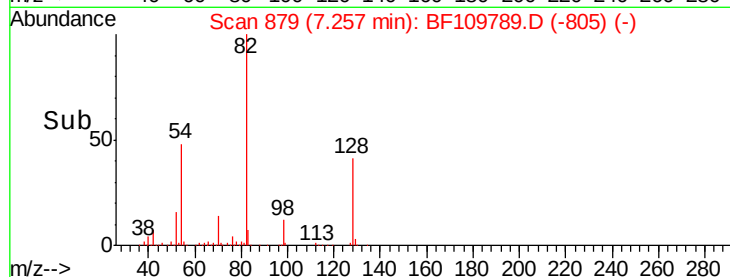
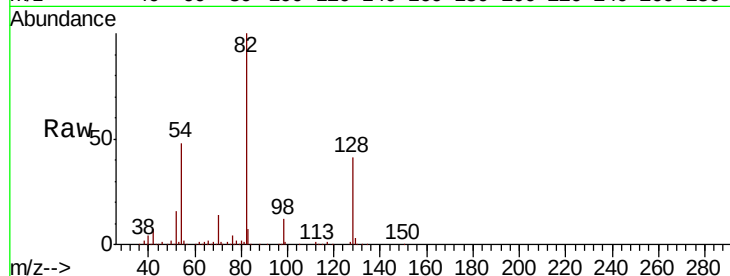




#19
n-Nitroso-di-n-propylamine
Concen: 15.313 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

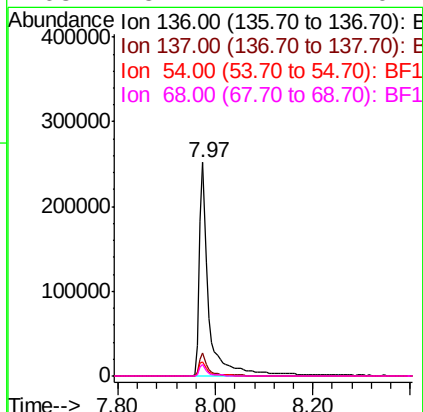
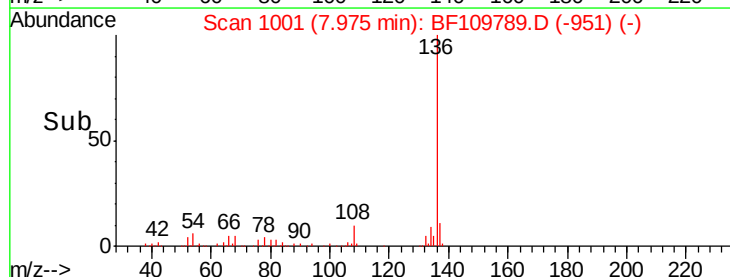
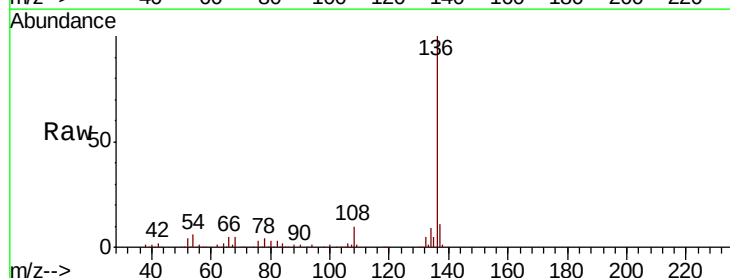
Instrument :
BNA_F
ClientSampleId :

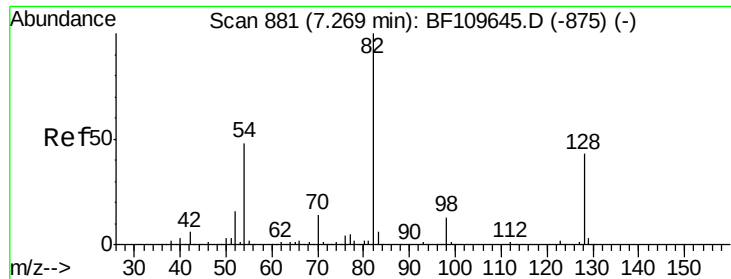
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.5	5.4	8.2
68	5.1	4.2	6.2

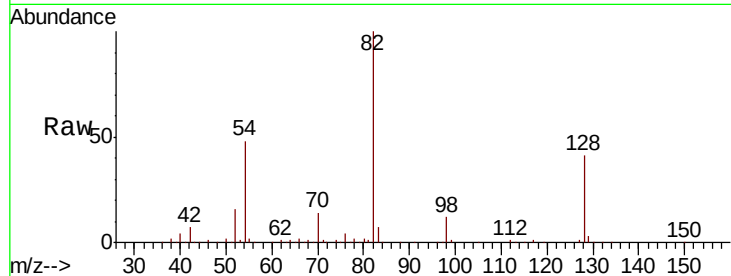




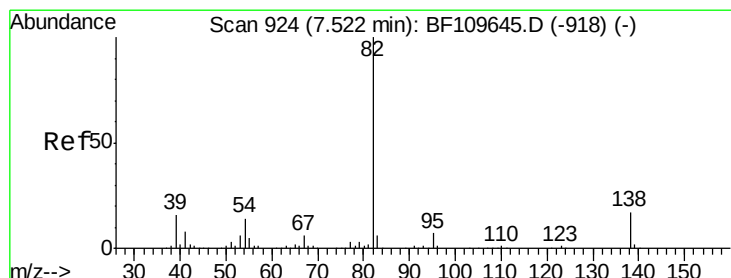
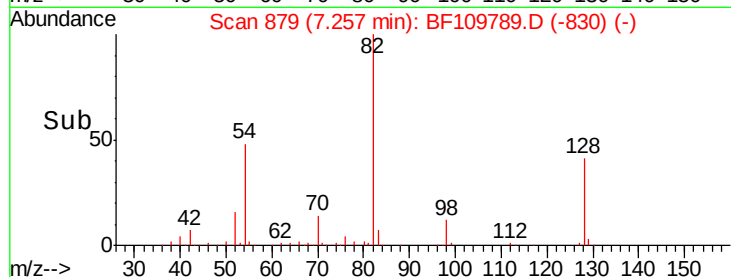
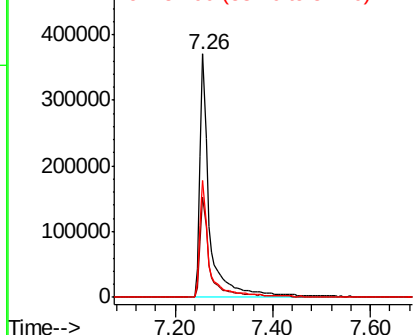
#23
Nitrobenzene-d5
Concen: 83.059 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.2	51.2
54	48.3	38.6	58.0

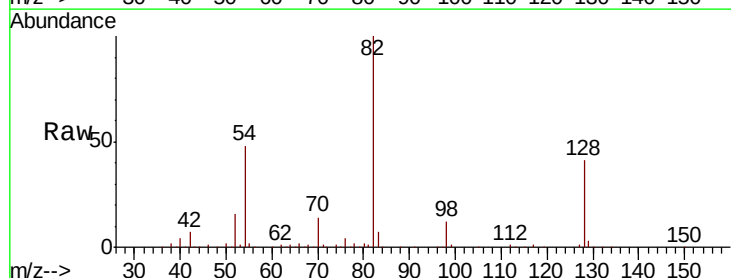


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

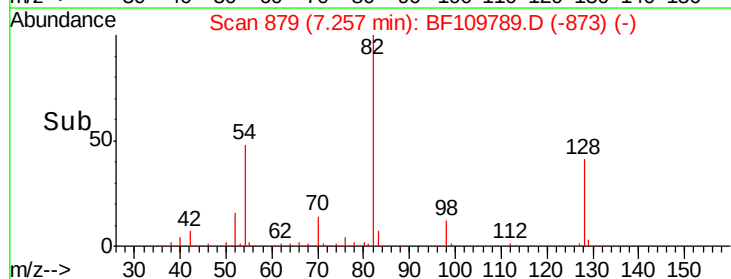
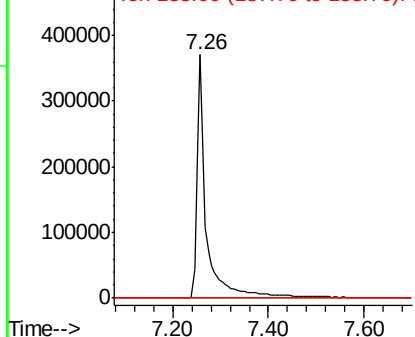


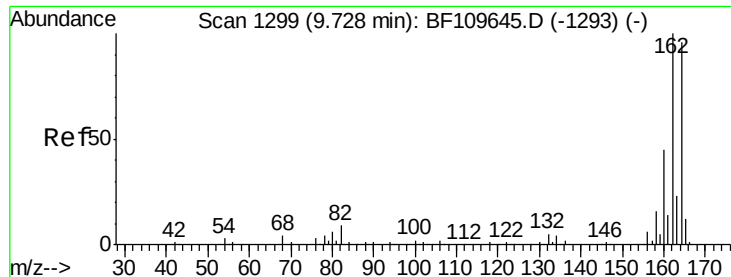
#25
Isophorone
Concen: 50.124 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

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

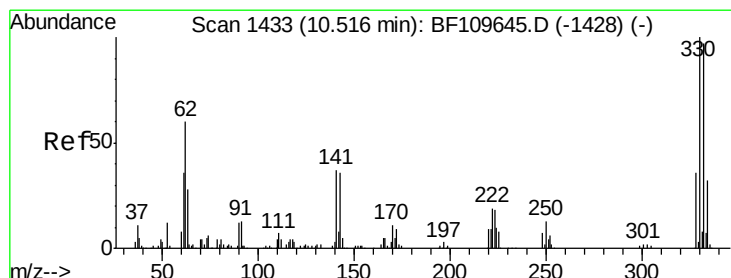
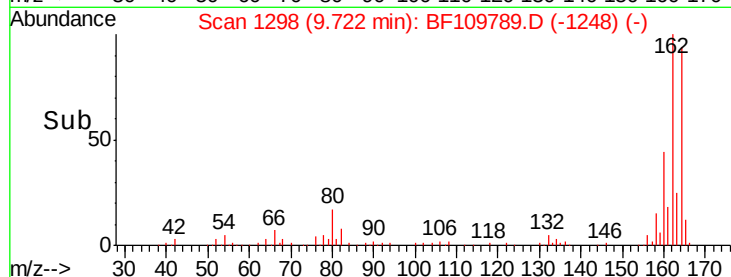
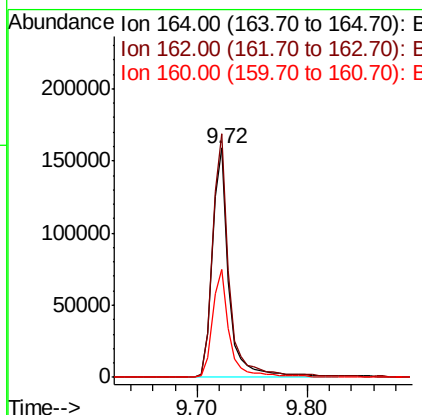
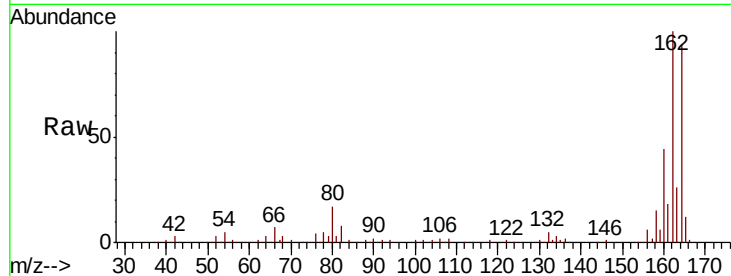




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109789.D
 Acq: 11 Oct 2018 16:19

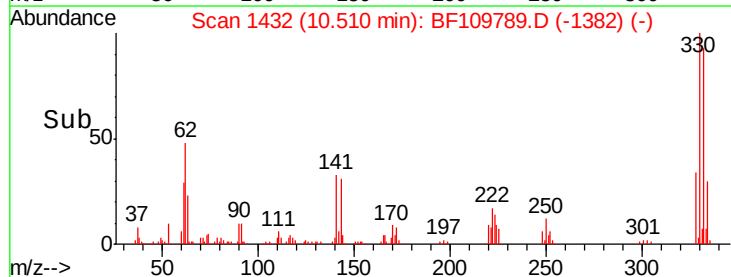
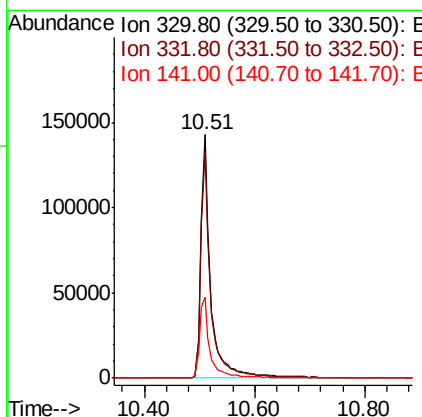
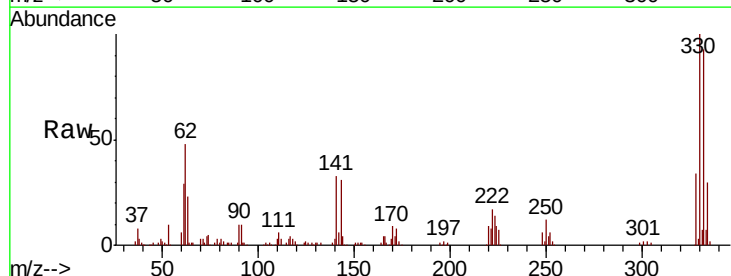
Instrument :
 BNA_F
 ClientSampleId :

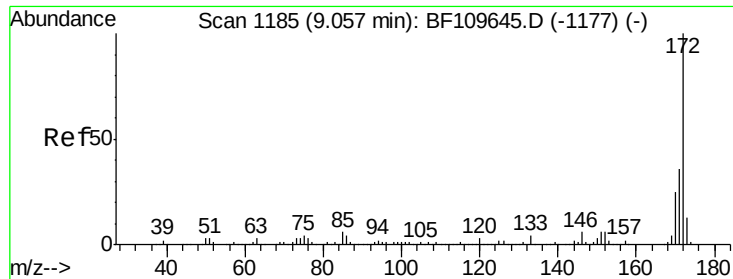
Tot Ion:164 Resp: 163490
 Ion Ratio Lower Upper
 164 100
 162 106.2 83.0 124.6
 160 46.8 37.0 55.6



#41
 2,4,6-Tribromophenol
 Concen: 99.774 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109789.D
 Acq: 11 Oct 2018 16:19

Tgt Ion:330 Resp: 177738
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.1 115.7
 141 35.1 27.0 40.4

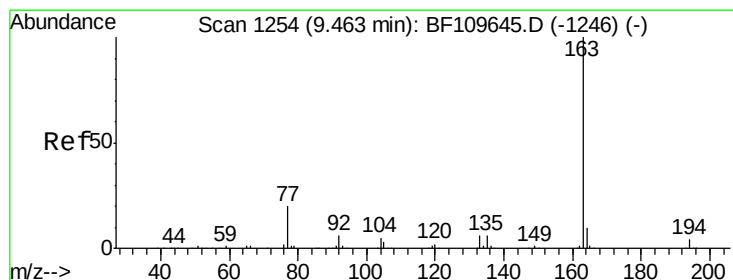
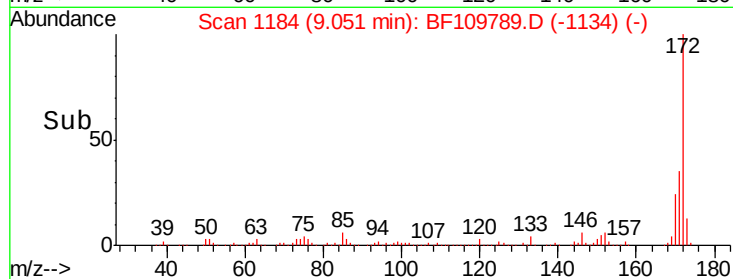
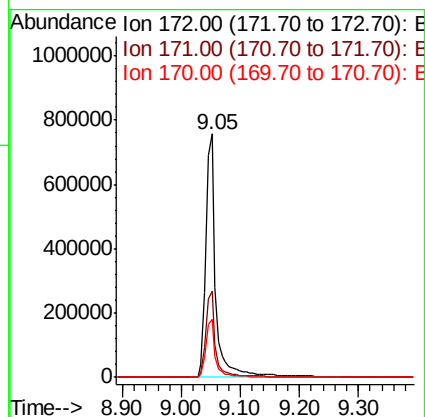
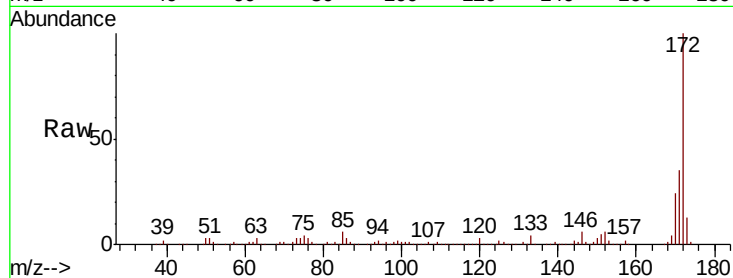




#44
2-Fluorobiphenyl
Concen: 75.942 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

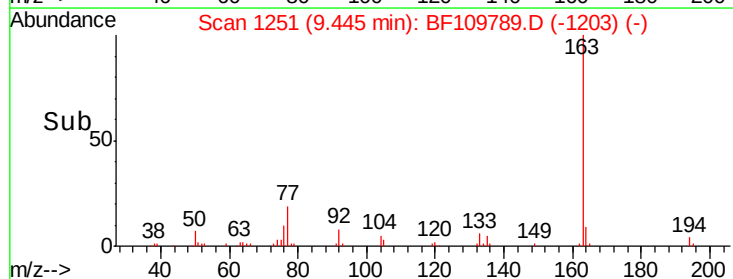
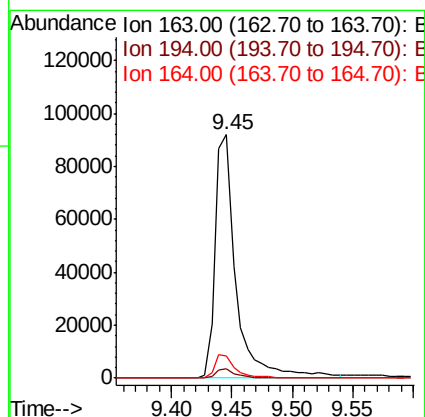
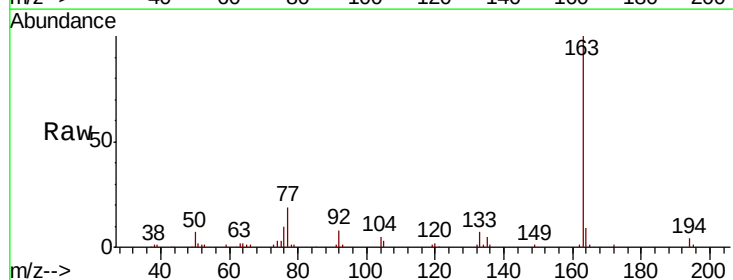
Instrument :
BNA_F
ClientSampleId :

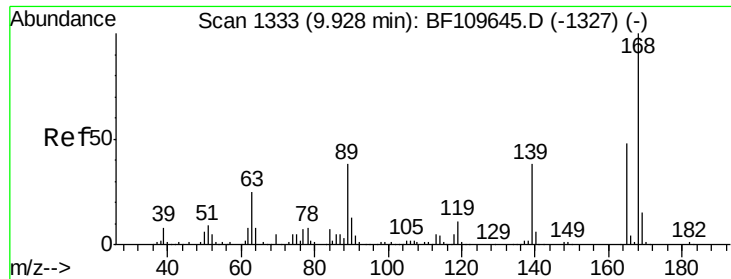
Tot Ion:172 Resp: 901483
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.8 19.7 29.5



#49
Dimethylphthalate
Concen: 9.105 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

Tgt Ion:163 Resp: 109178
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.2 8.1 12.1

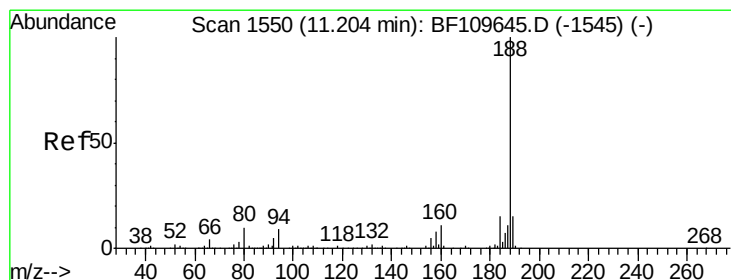
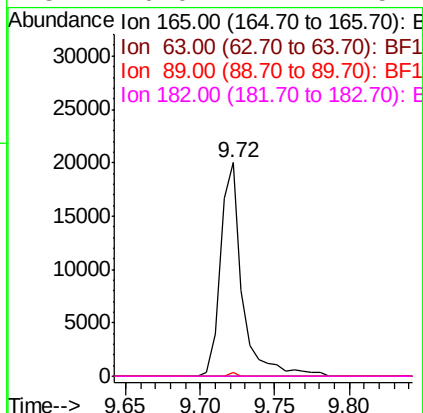
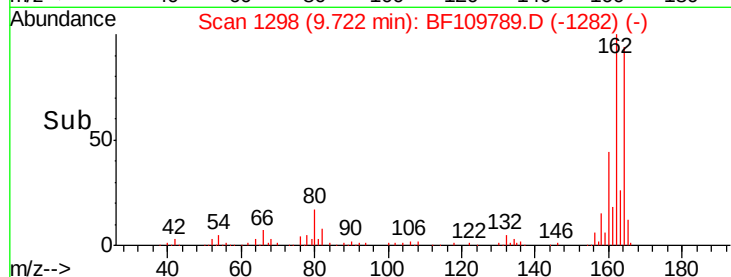
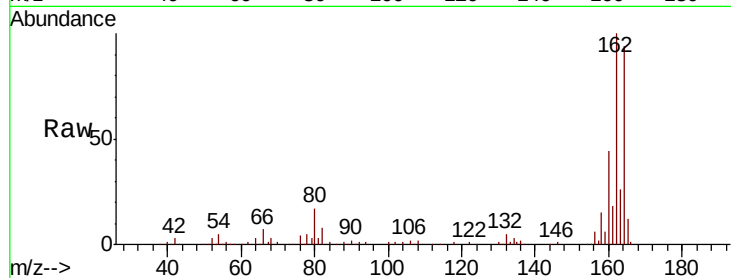




#56
 2,4-Dinitrotoluene
 Concen: 6.303 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109789.D
 Acq: 11 Oct 2018 16:19

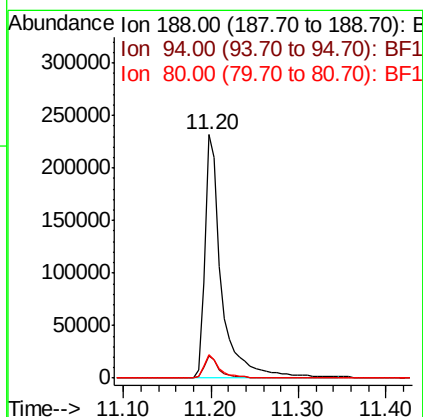
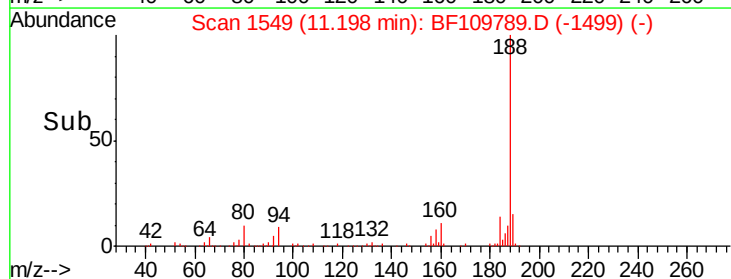
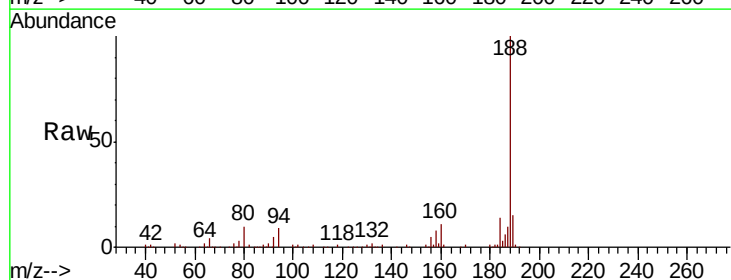
Instrument :
 BNA_F
 ClientSampleId :

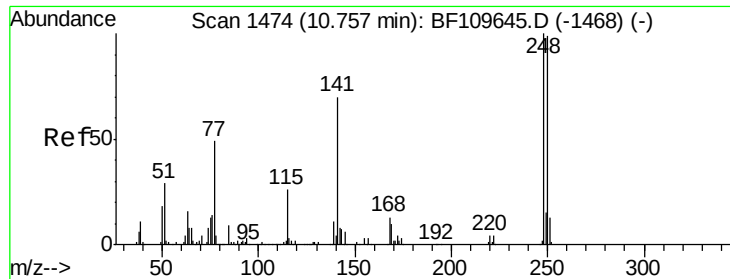
Tot Ion:	165	Resp:	20445
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109789.D
 Acq: 11 Oct 2018 16:19

Tgt Ion:	188	Resp:	308936
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.8	7.9	11.9

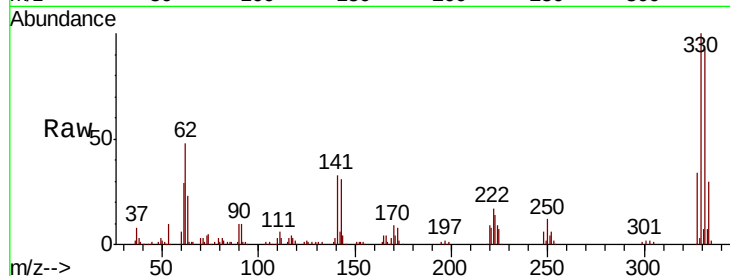




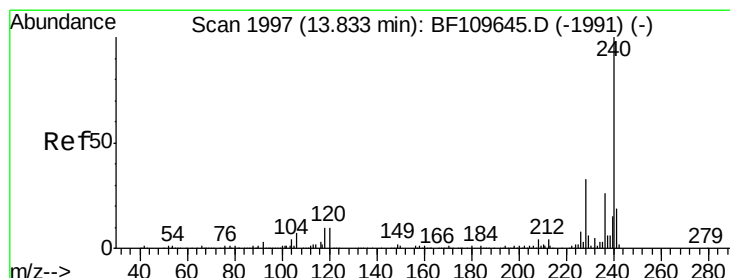
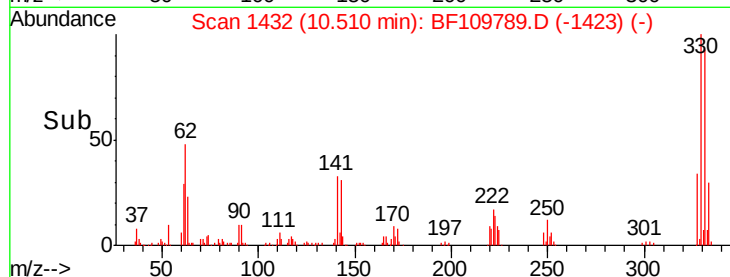
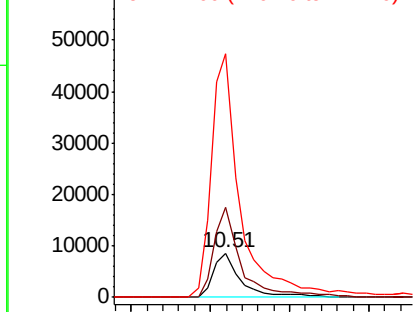
#66
4-Bromophenyl-phenylether
Concen: 2.903 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10304
Ion Ratio Lower Upper
248 100
250 204.0 79.4 119.2#
141 553.6 55.9 83.9#

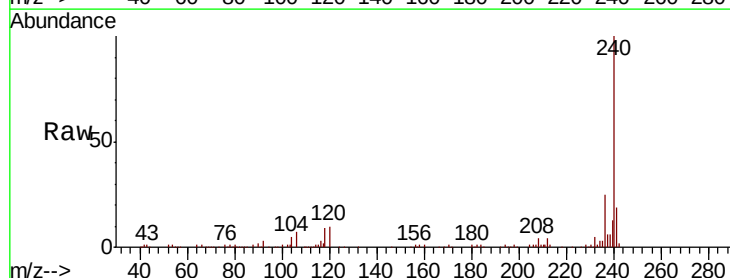


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

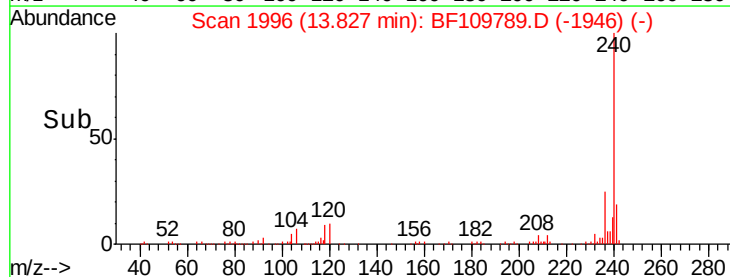
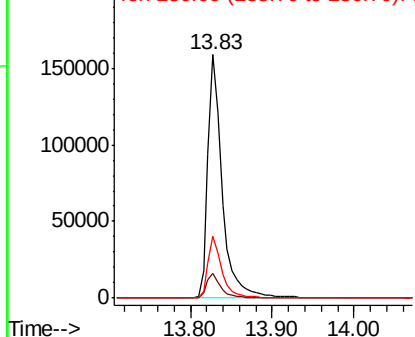


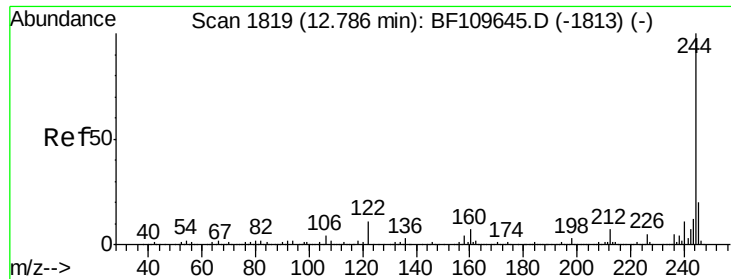
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109789.D
Acq: 11 Oct 2018 16:19

Tgt Ion:240 Resp: 193979
Ion Ratio Lower Upper
240 100
120 10.2 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: 71.133 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109789.D

Acq: 11 Oct 2018 16:19

Instrument :

BNA_F

ClientSampleId :

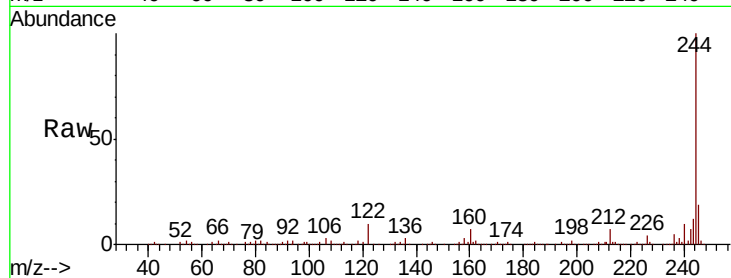
Tot Ion:244 Resp: 712779

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

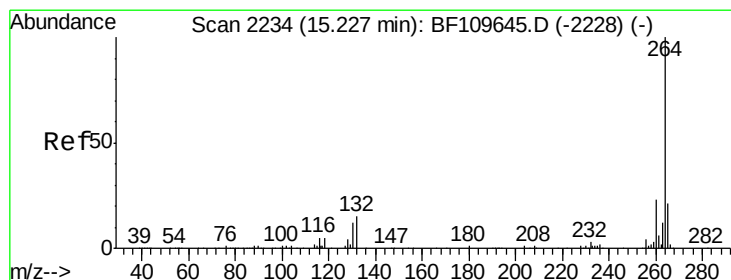
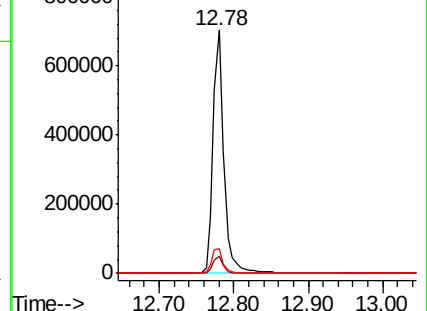
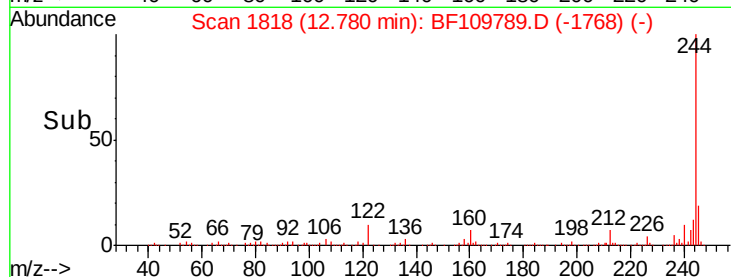
122 10.2 8.7 13.1



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: BF109789.D

Acq: 11 Oct 2018 16:19

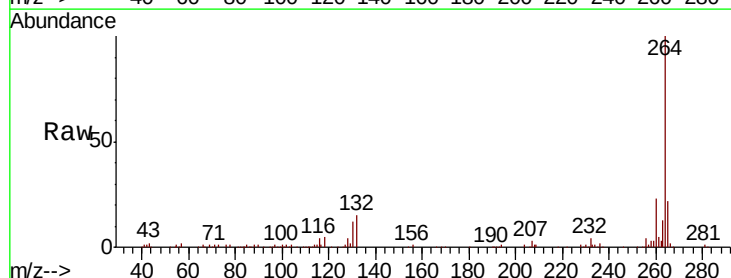
Tgt Ion:264 Resp: 220675

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.2 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

