

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109786.D
 Acq On : 11 Oct 2018 14:56
 Operator : JU/SJ
 Sample : J5309-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 16:37:24 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

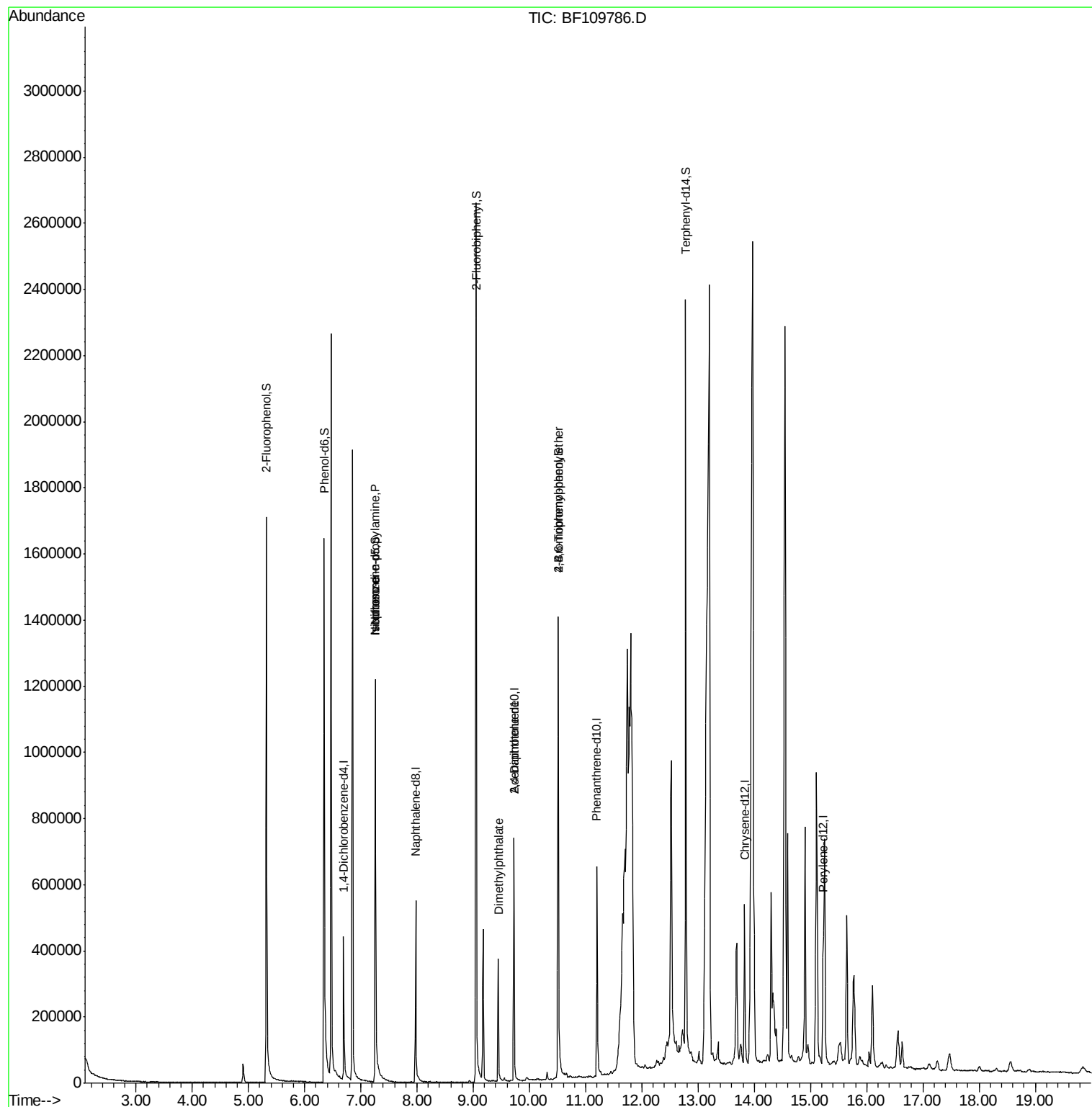
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	77363	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	311619	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	150226	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	291077	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204083	20.00	ng	0.00
86) Perylene-d12	15.23	264	205715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	599318	137.51	ng	0.00
7) Phenol-d6	6.35	99	818909	140.65	ng	-0.01
23) Nitrobenzene-d5	7.26	82	540007	95.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	195969	119.72	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	985361	90.34	ng	0.00
78) Terphenyl-d14	12.78	244	880143	83.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	71591	17.534	ng	# 77
25) Isophorone	7.26	82	540865	57.616	ng	# 67
49) Dimethylphthalate	9.45	163	175048	15.888	ng	99
56) 2,4-Dinitrotoluene	9.72	165	18279	6.133	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	11886	3.554	ng	# 1

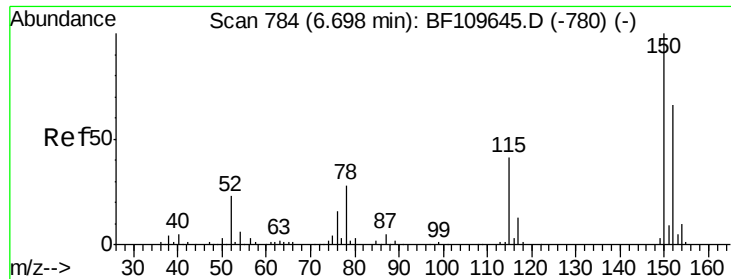
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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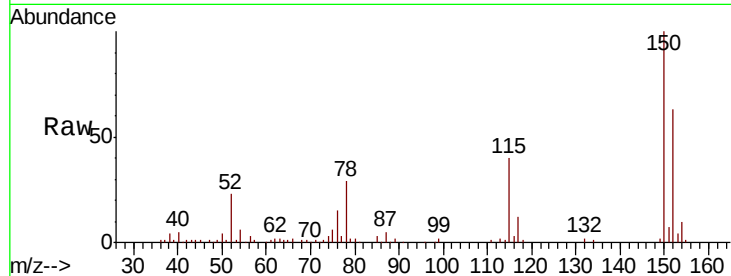


#1

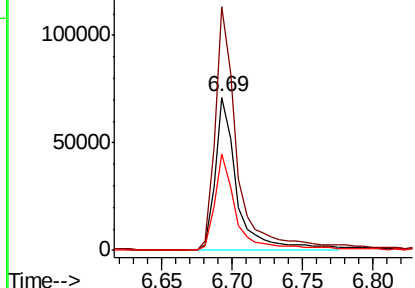
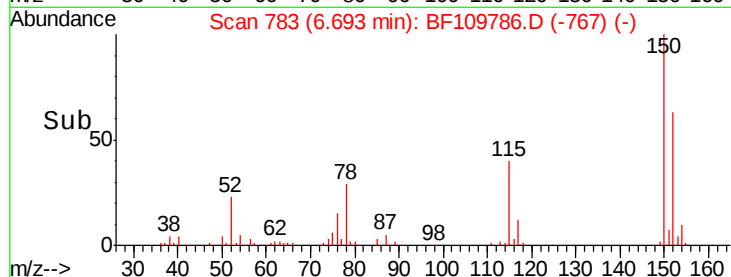
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77363
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 63.1 49.1 73.7



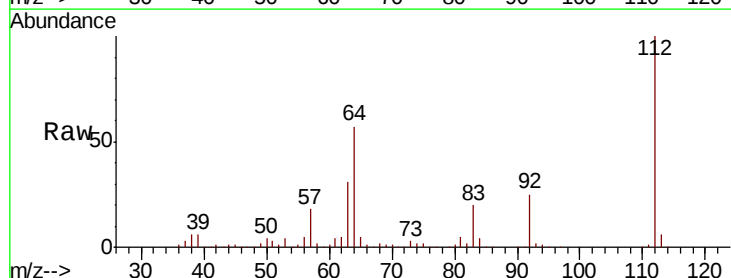
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



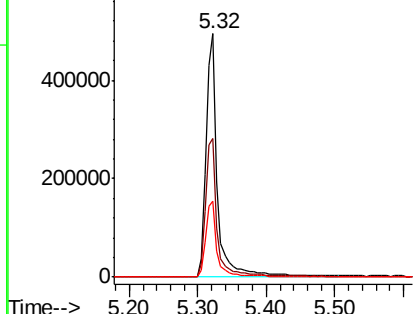
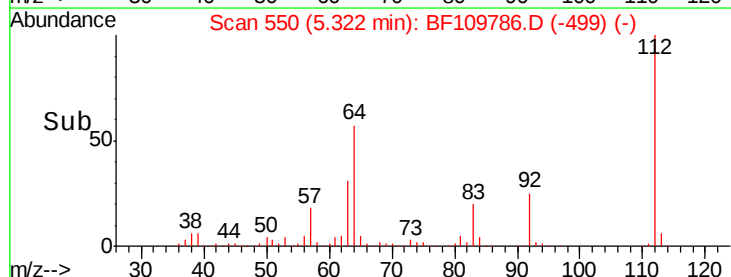
#5

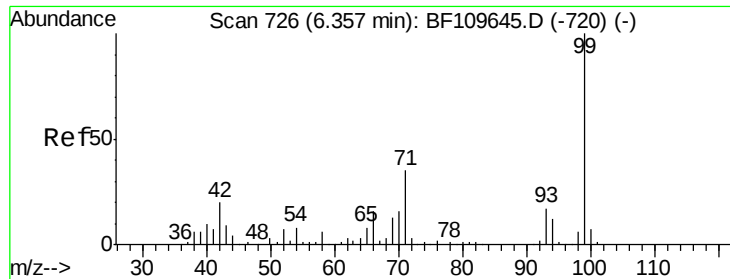
2-Fluorophenol
Concen: 137.509 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Tgt Ion:112 Resp: 599318
Ion Ratio Lower Upper
112 100
64 57.2 44.1 66.1
63 31.1 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: 140.650 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

Instrument :

BNA_F

ClientSampleId :

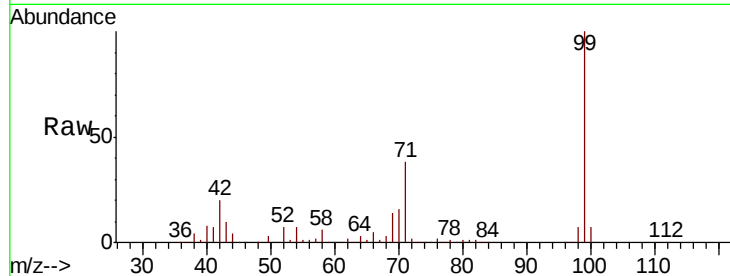
Tot Ion: 99 Resp: 818909

Ion Ratio Lower Upper

99 100

42 20.4 15.8 23.6

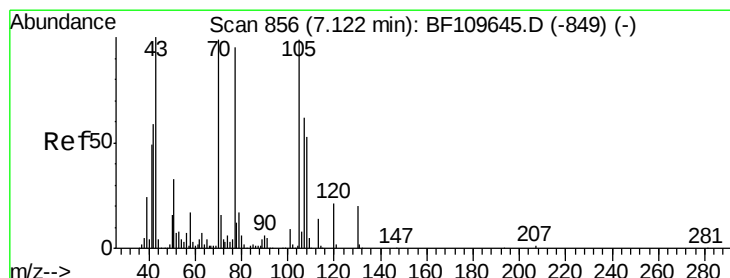
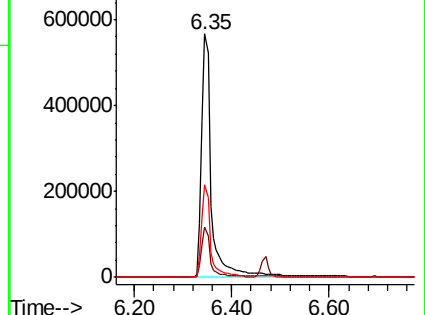
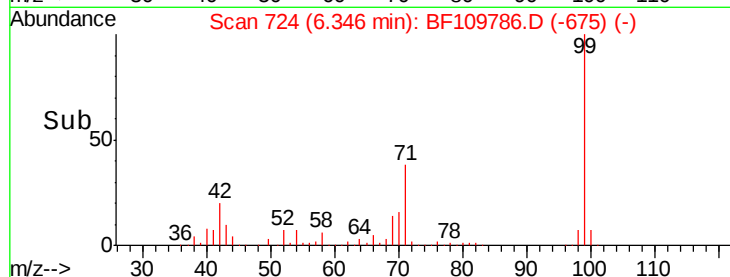
71 37.8 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.534 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

Tgt Ion: 70 Resp: 71591

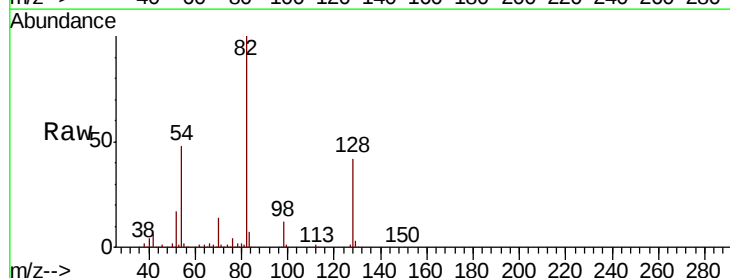
Ion Ratio Lower Upper

70 100

42 46.5 47.4 71.2#

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

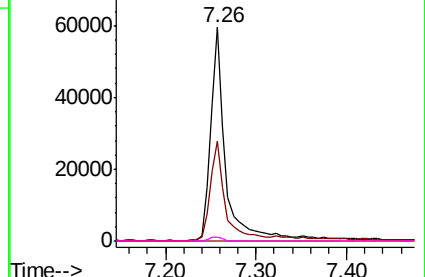
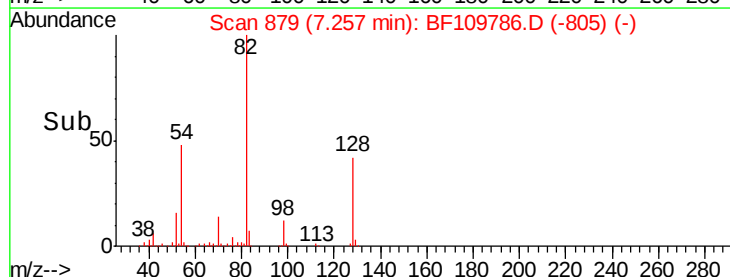


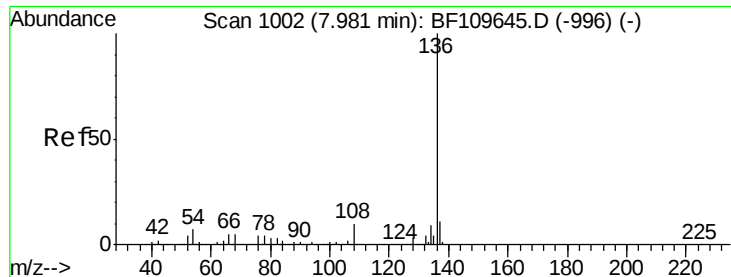
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

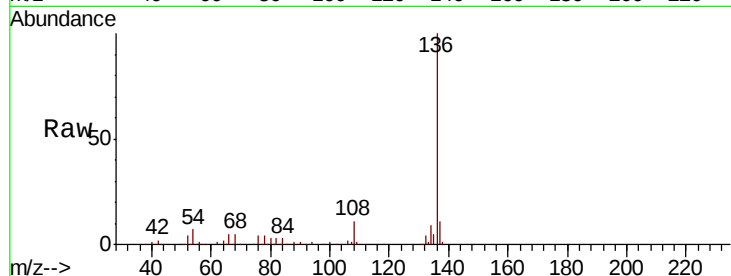




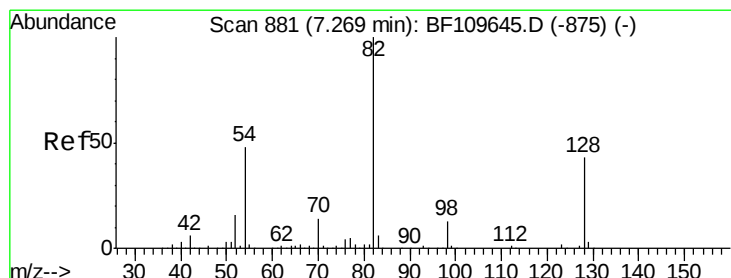
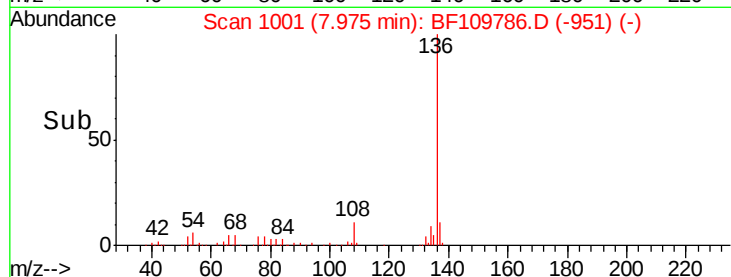
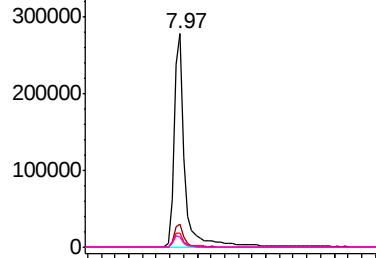
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	311619
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	6.6	5.4 8.2
68	4.9	4.2 6.2

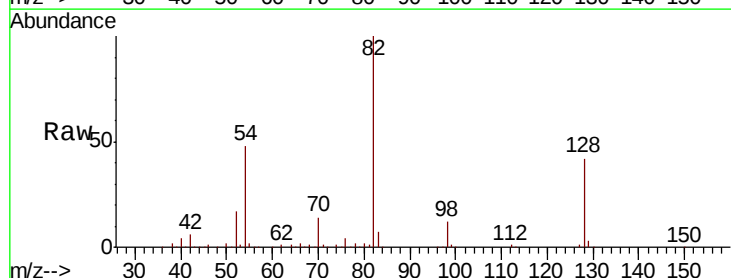


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

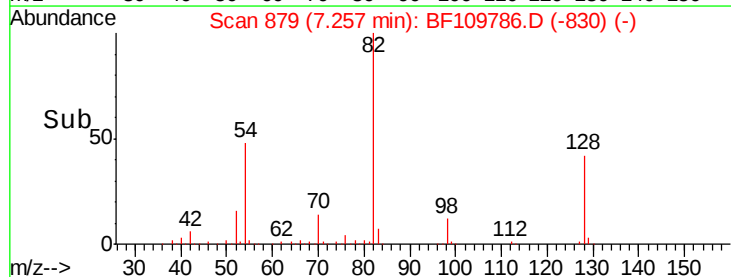
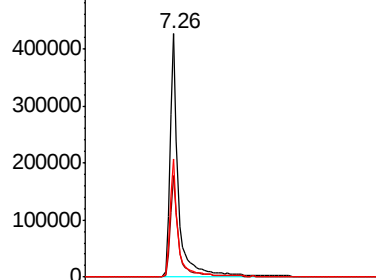


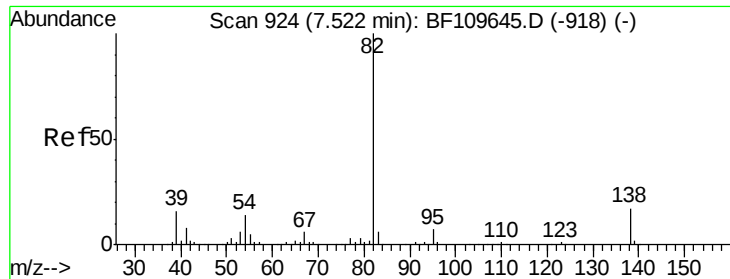
#23
Nitrobenzene-d5
Concen: 95.524 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Tgt Ion: 82	Resp:	540007
Ion Ratio	Lower	Upper
82	100	
128	41.9	34.2 51.2
54	48.5	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: 57.616 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

Instrument :

BNA_F

ClientSampleId :

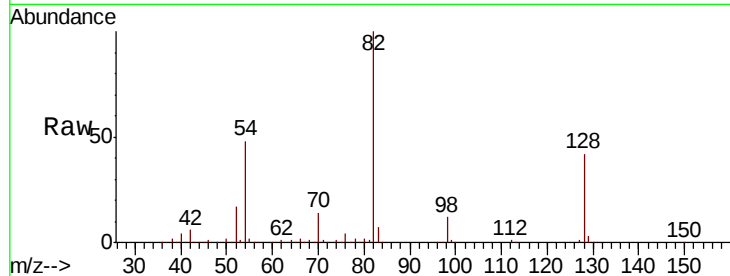
Tot Ion: 82 Resp: 540865

Ion Ratio Lower Upper

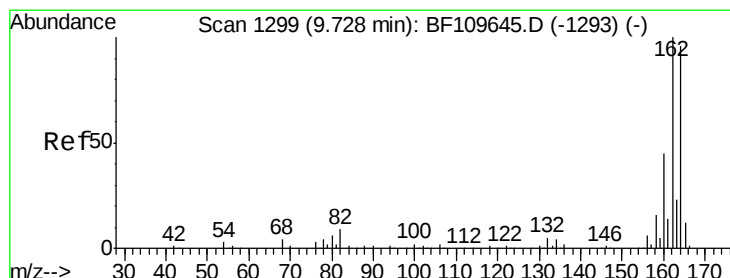
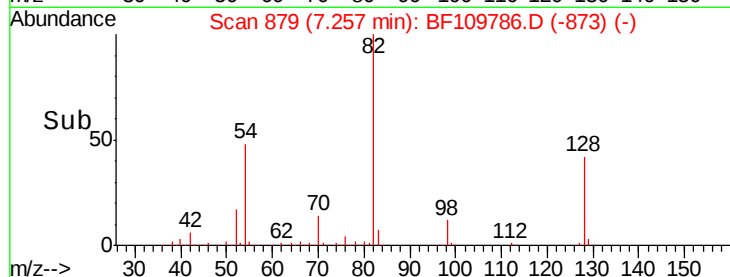
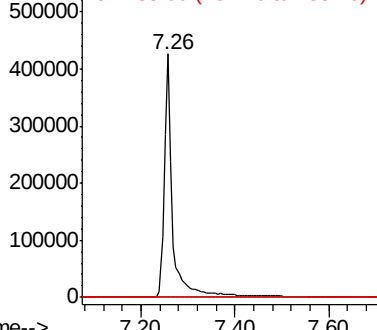
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

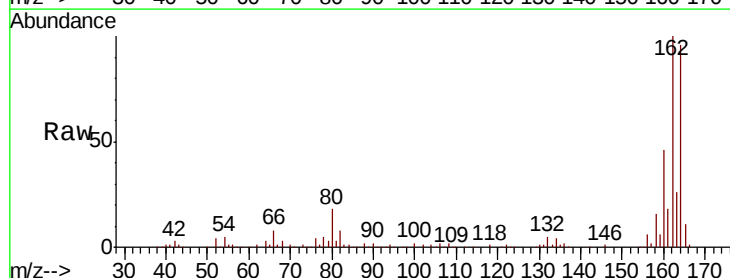
Tgt Ion:164 Resp: 150226

Ion Ratio Lower Upper

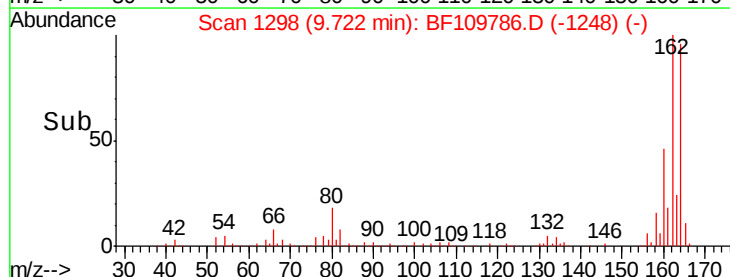
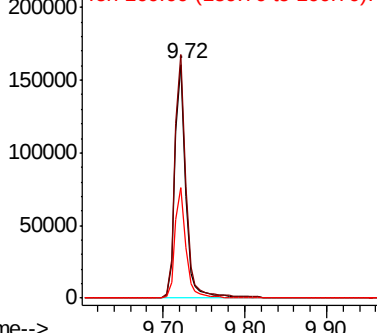
164 100

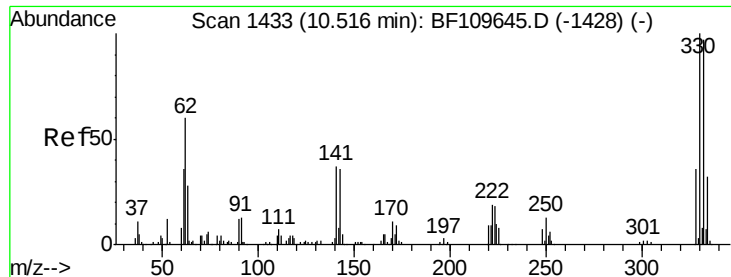
162 104.3 83.0 124.6

160 47.5 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

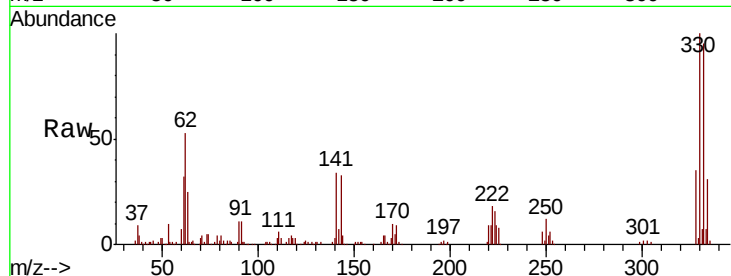




#41
2,4,6-Tribromophenol
Concen: 119.721 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	36.0	27.0	40.4

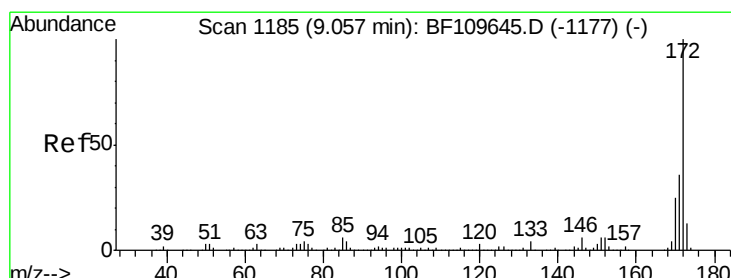
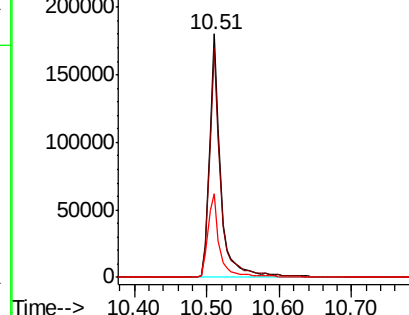
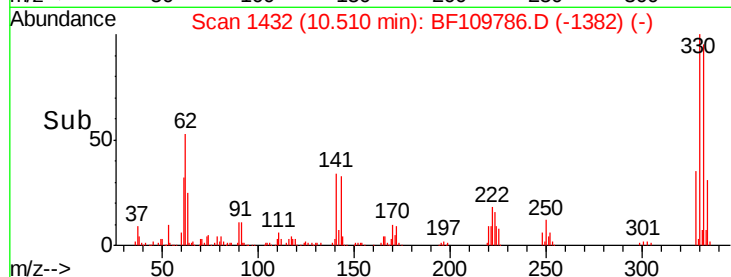


Abundance

Ion 329.80 (329.50 to 330.50): E

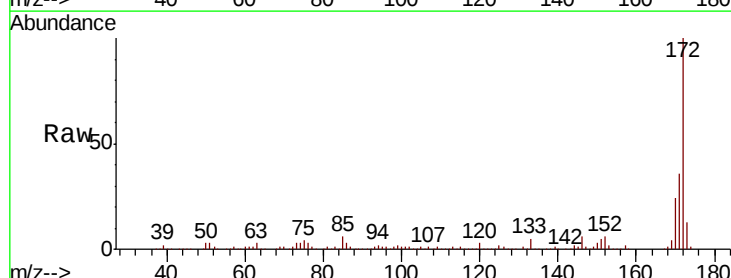
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 90.337 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.7	29.5

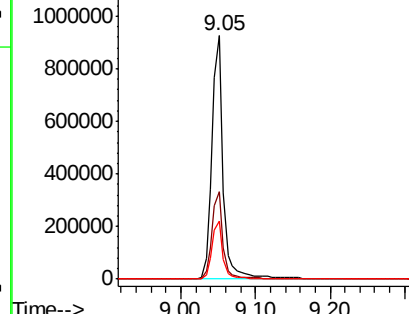
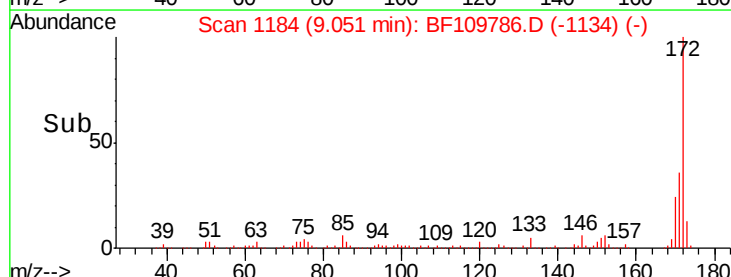


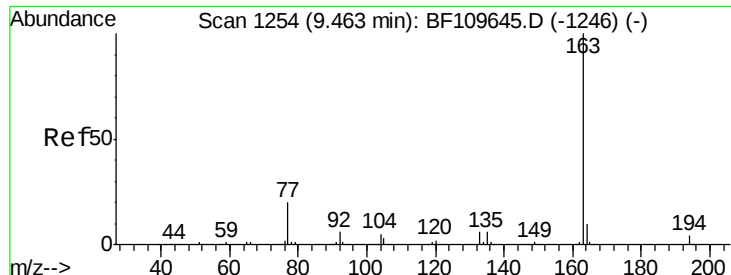
Abundance

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

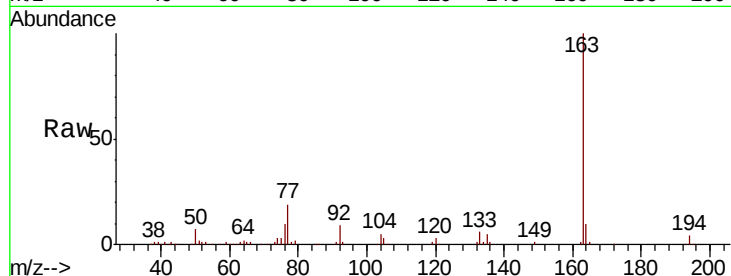




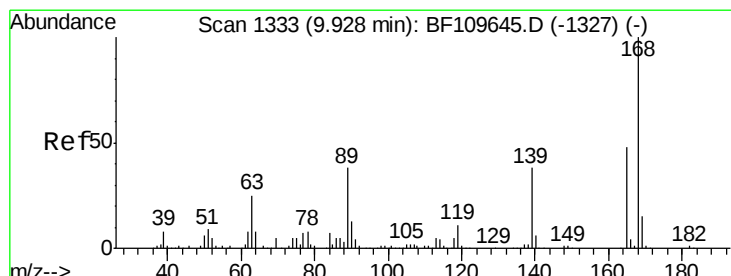
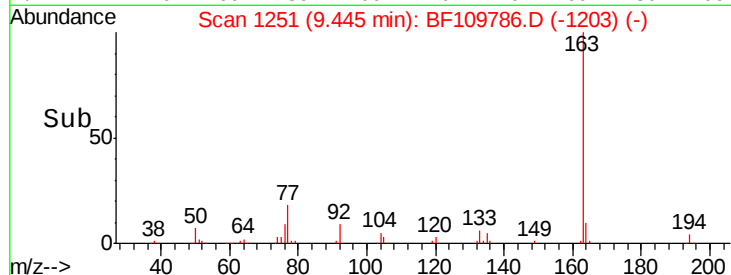
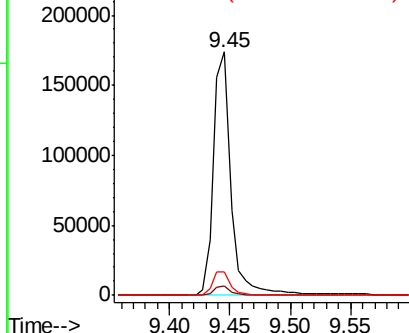
#49
Dimethylphthalate
Concen: 15.888 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	8.1	12.1



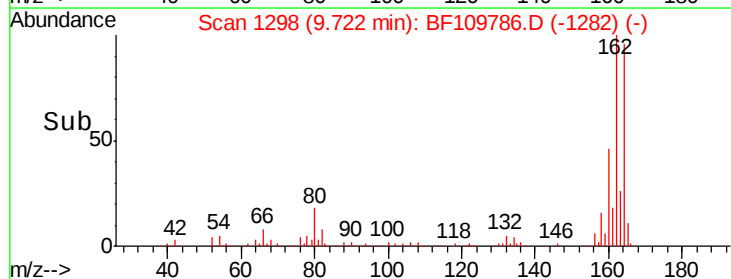
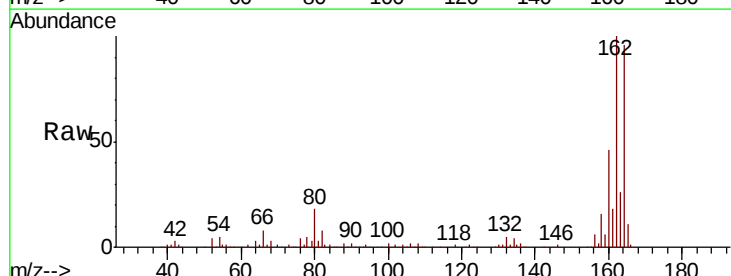
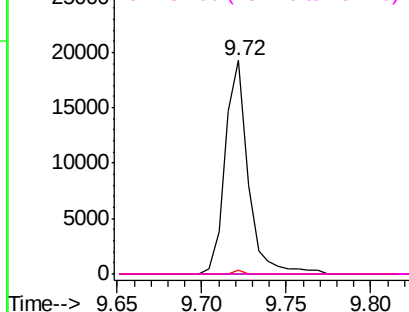
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

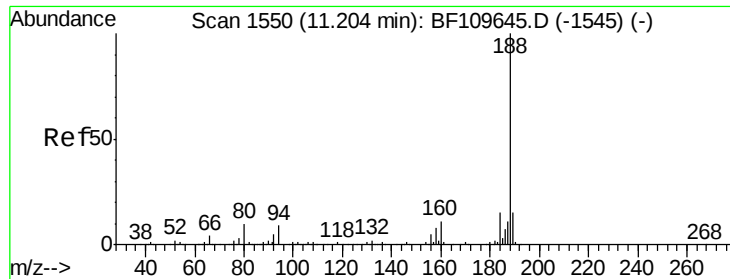


#56
2,4-Dinitrotoluene
Concen: 6.133 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	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

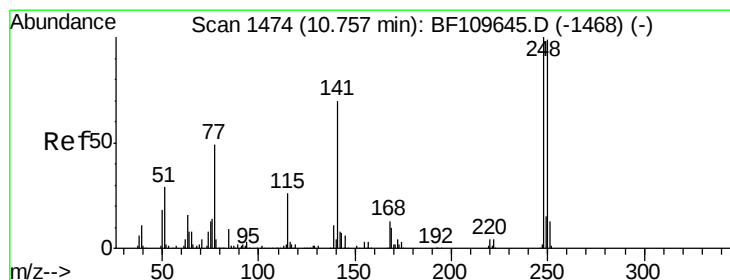
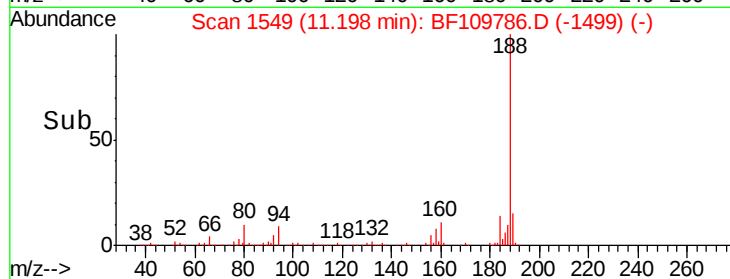
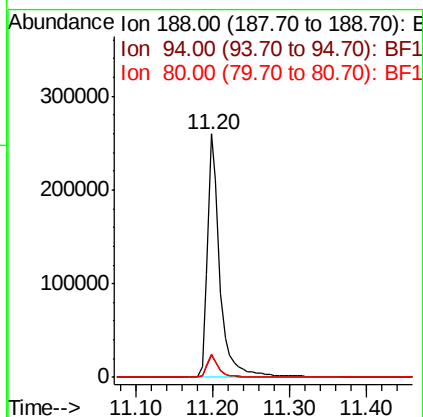
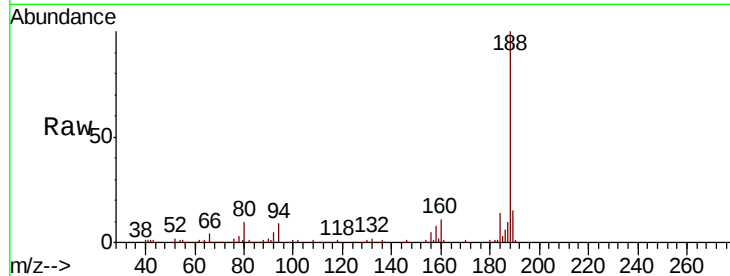




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

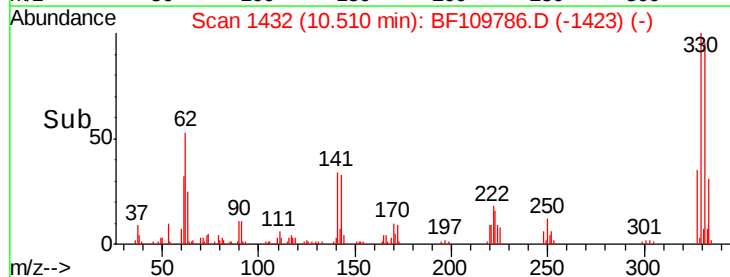
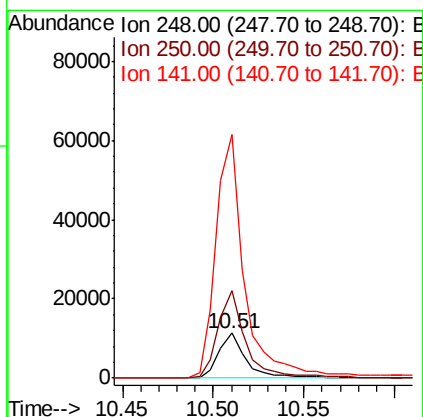
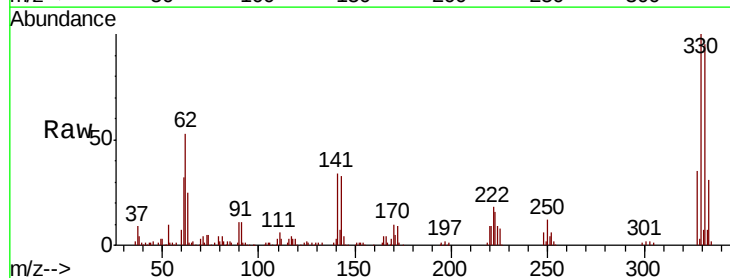
Instrument :
BNA_F
ClientSampleId :

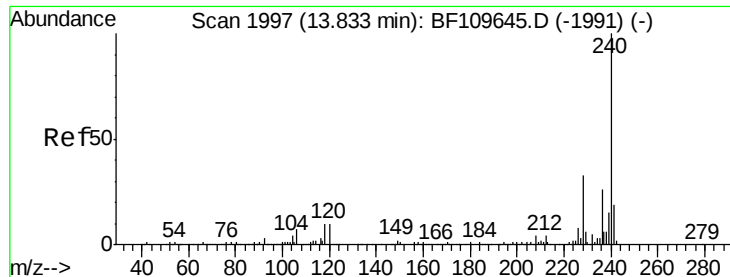
Tot Ion:188 Resp: 291077
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.7 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 3.554 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Tgt Ion:248 Resp: 11886
Ion Ratio Lower Upper
248 100
250 194.8 79.4 119.2#
141 539.0 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

Instrument :

BNA_F

ClientSampleId :

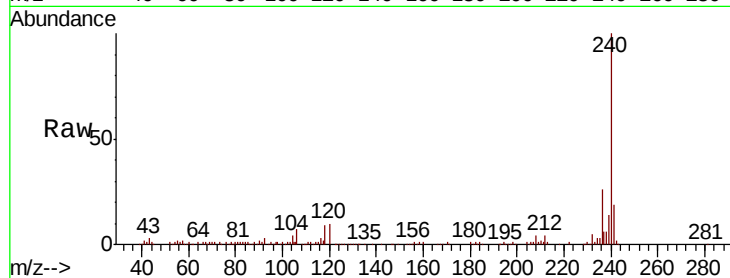
Tot Ion:240 Resp: 204083

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

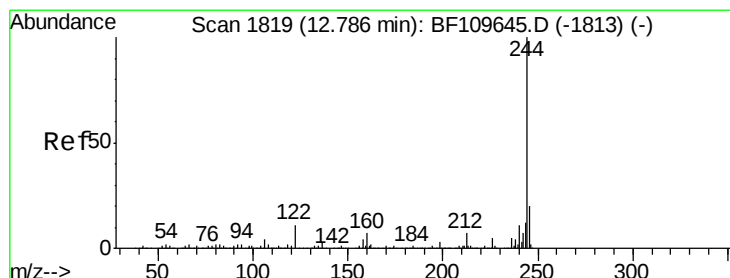
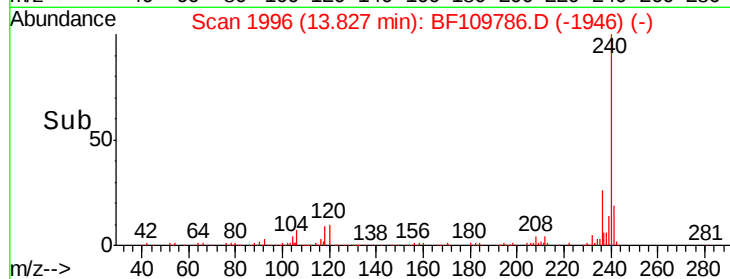
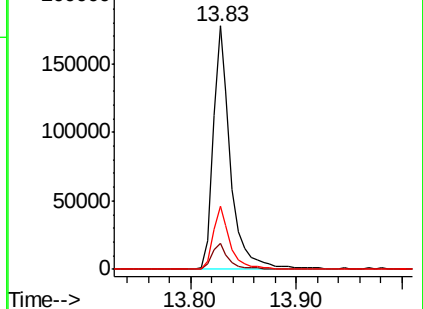
236 25.8 21.2 31.8



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: 83.486 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

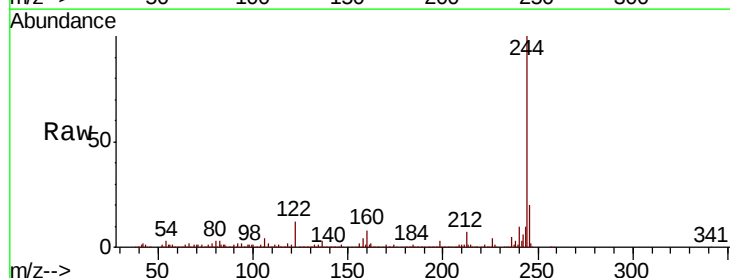
Tgt Ion:244 Resp: 880143

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

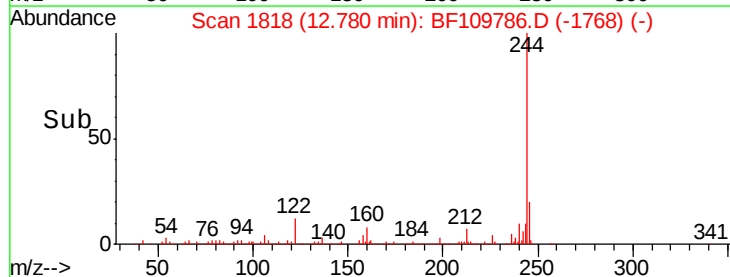
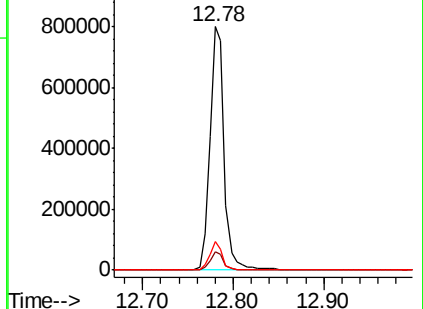
122 11.8 8.7 13.1

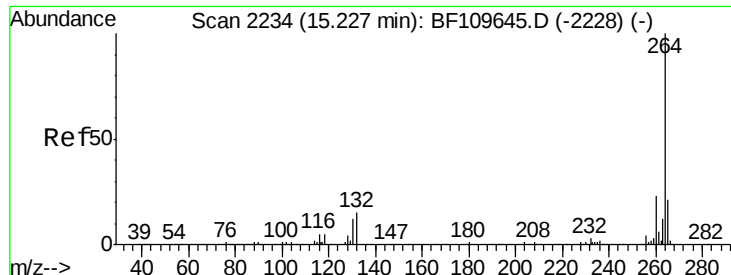


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

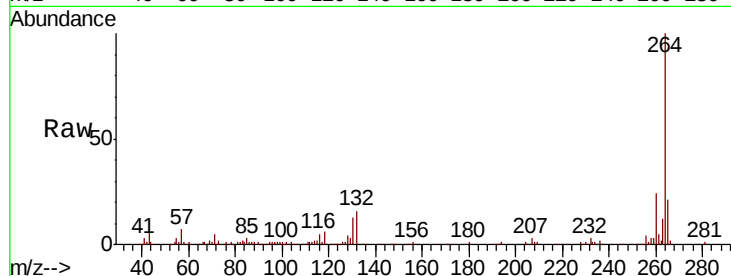




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.8	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

