

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109828.D
 Acq On : 12 Oct 2018 12:45
 Operator : JU/SJ
 Sample : PB113657BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 13:12:50 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

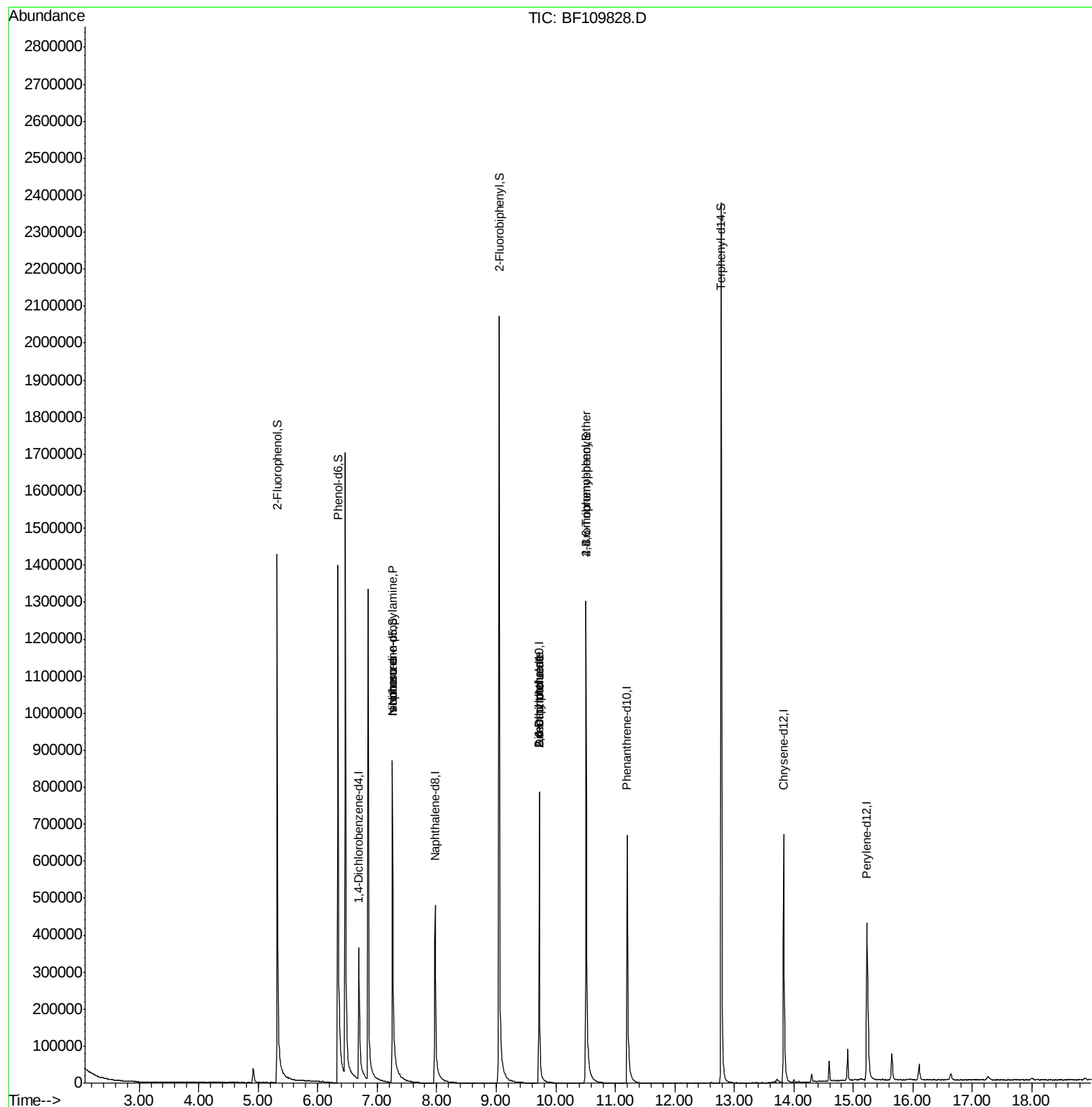
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	86781	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	368444	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	189232	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	400340	20.00	ng	0.00
75) Chrysene-d12	13.83	240	328605	20.00	ng	0.00
86) Perylene-d12	15.23	264	273532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	495639	101.38	ng	0.00
7) Phenol-d6	6.34	99	724975	111.00	ng	-0.02
23) Nitrobenzene-d5	7.26	82	473766	70.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	216430	104.97	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	947074	68.93	ng	0.00
78) Terphenyl-d14	12.78	244	974390	57.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	59658	13.025	ng	# 75
25) Isophorone	7.26	82	473763	42.685	ng	# 67
49) Dimethylphthalate	9.72	163	45840	3.303	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	23392	7.776	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	23393	6.231	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	12945	2.814	ng	# 1

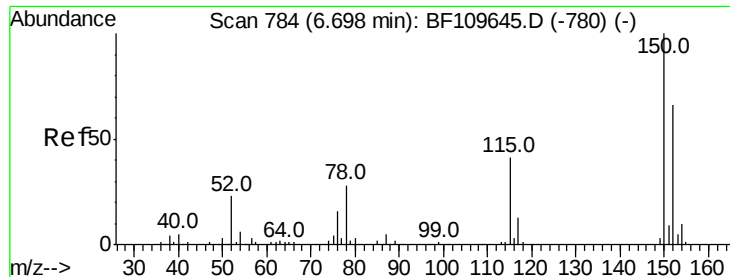
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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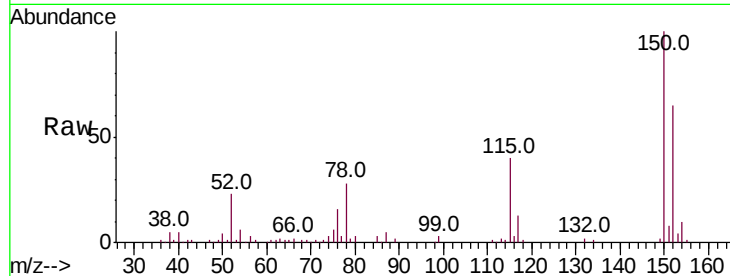


#1

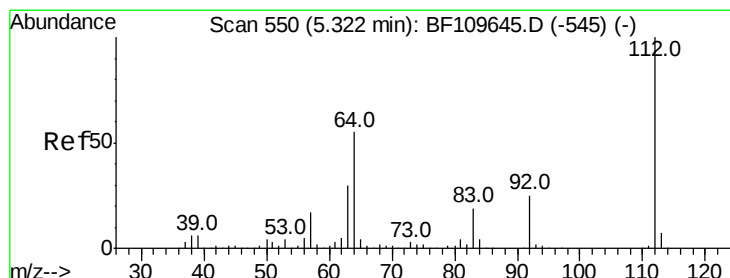
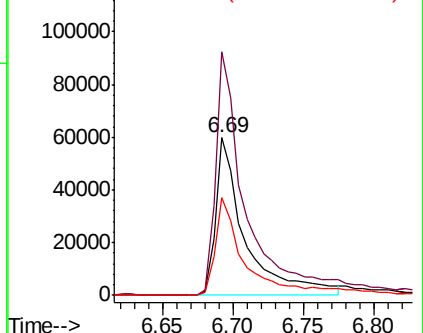
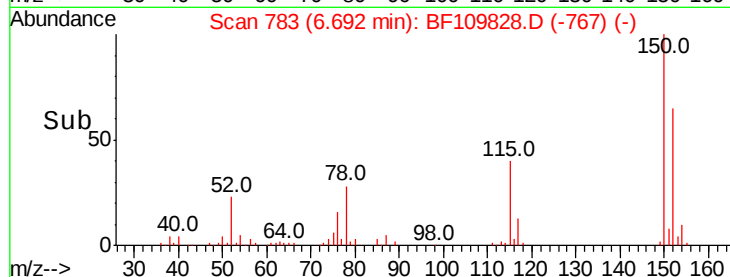
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 86781
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.7 184.1
 115 62.5 49.1 73.7



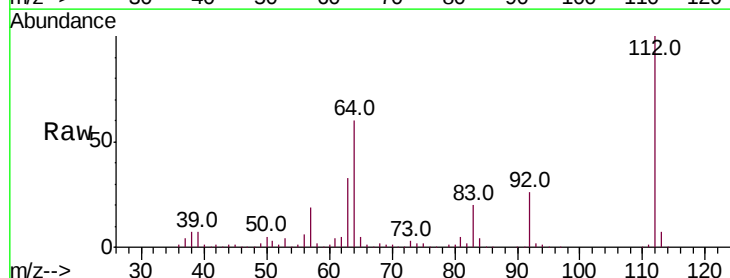
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



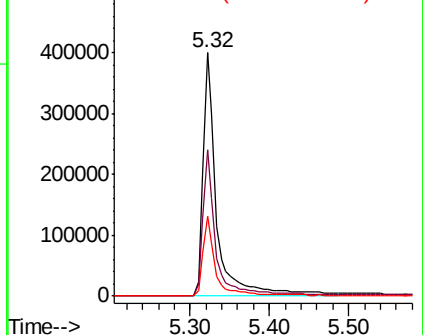
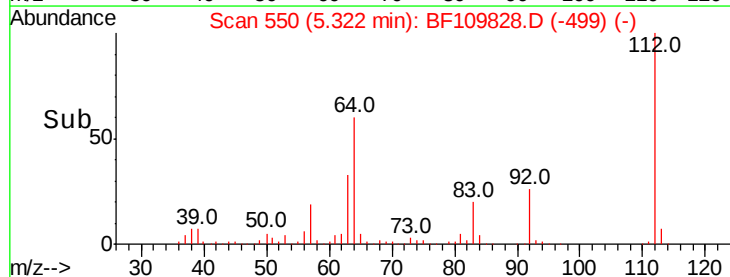
#5

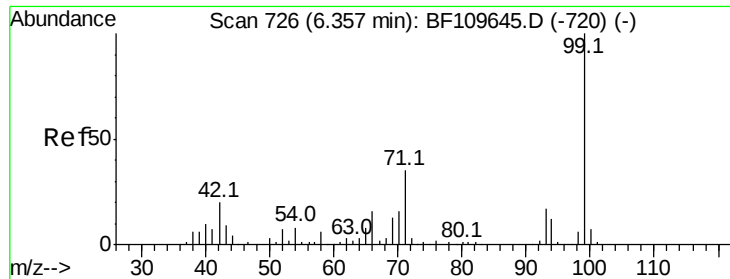
2-Fluorophenol
 Concen: 101.379 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Tgt Ion:112 Resp: 495639
 Ion Ratio Lower Upper
 112 100
 64 60.0 44.1 66.1
 63 32.6 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: 111.003 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109828.D

Acq: 12 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

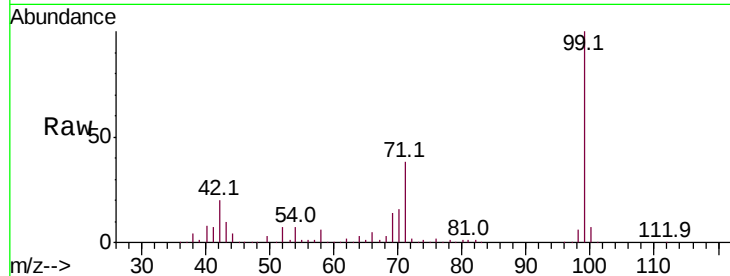
Tot Ion: 99 Resp: 724975

Ion Ratio Lower Upper

99 100

42 20.2 15.8 23.6

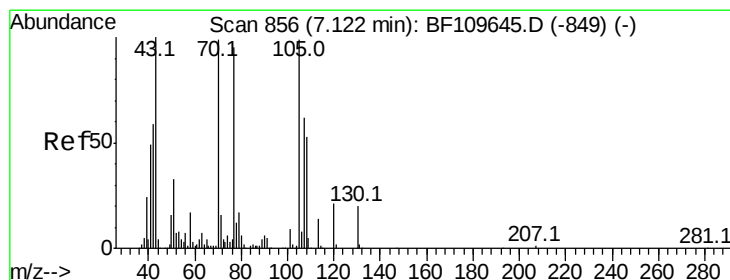
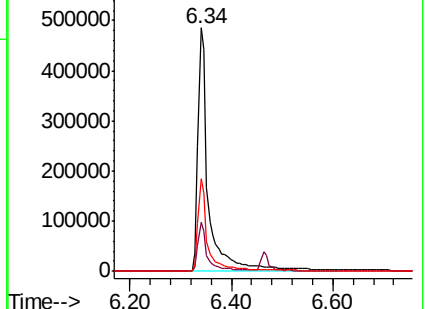
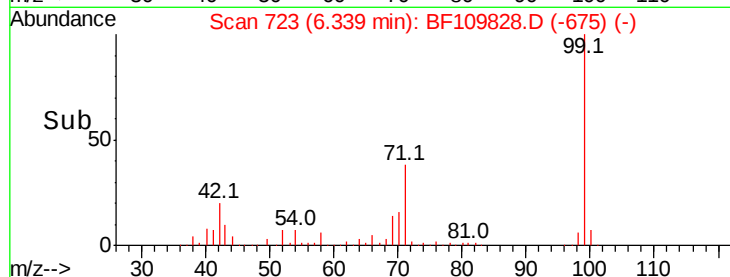
71 37.8 28.0 42.0



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: 13.025 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109828.D

Acq: 12 Oct 2018 12:45

Tgt Ion: 70 Resp: 59658

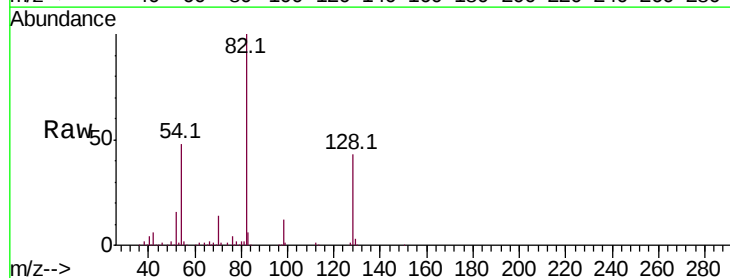
Ion Ratio Lower Upper

70 100

42 44.5 47.4 71.2#

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

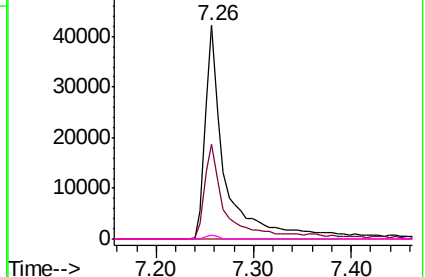
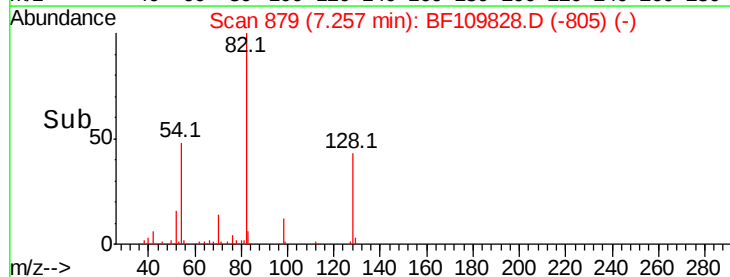


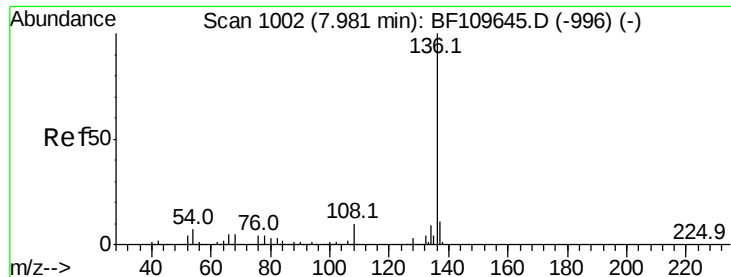
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

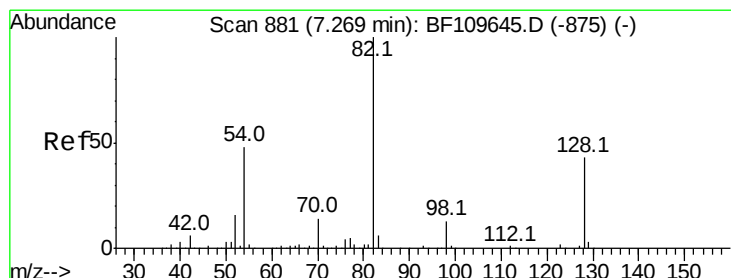
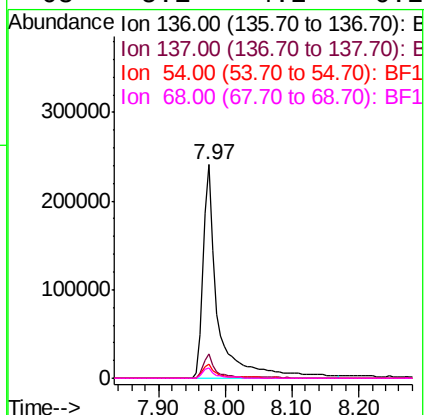
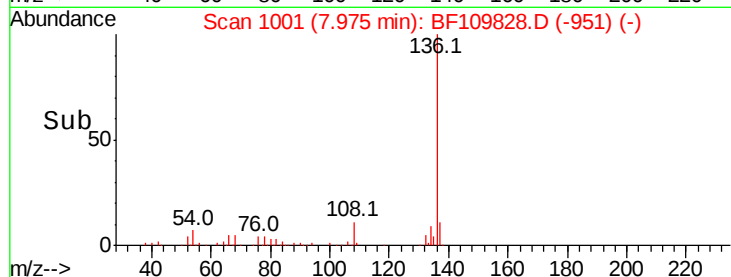
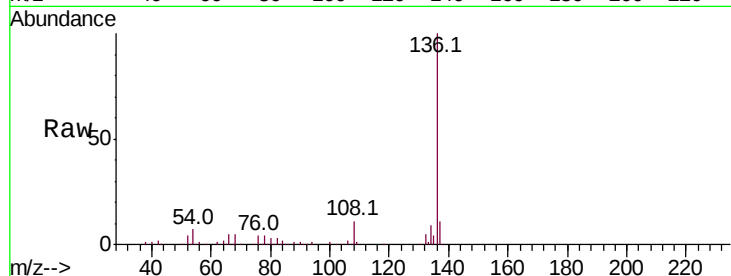




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

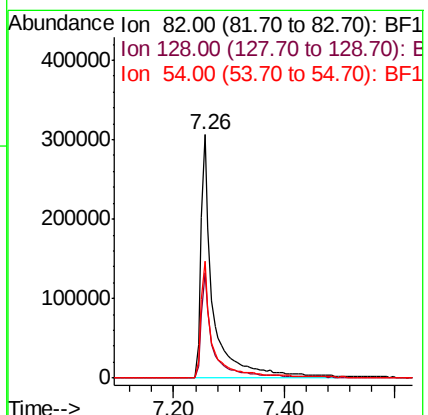
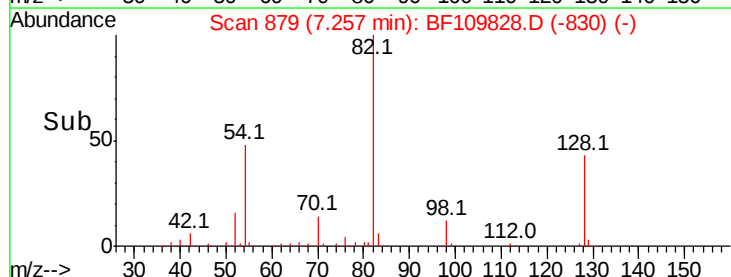
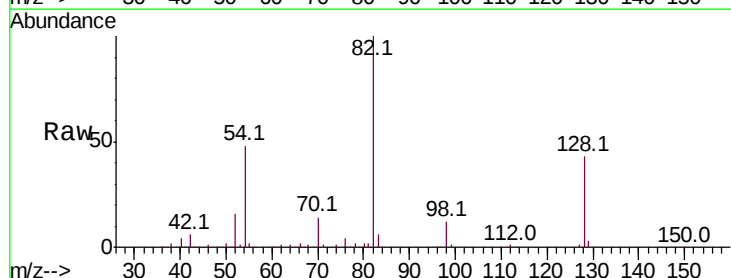
Instrument :
BNA_F
ClientSampleId :

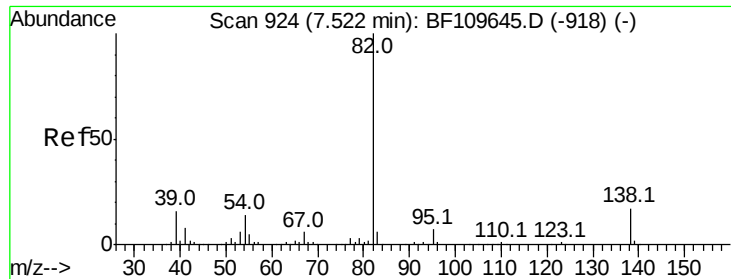
Tot Ion:	136	Resp:	368444
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.8	5.4	8.2
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 70.881 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

Tgt Ion:	82	Resp:	473766
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	48.0	38.6	58.0





#25

Isophorone

Concen: 42.685 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109828.D

Acq: 12 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

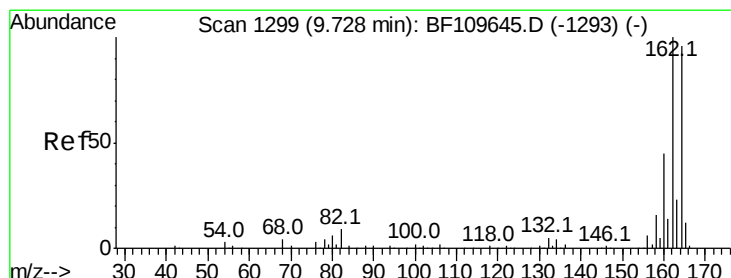
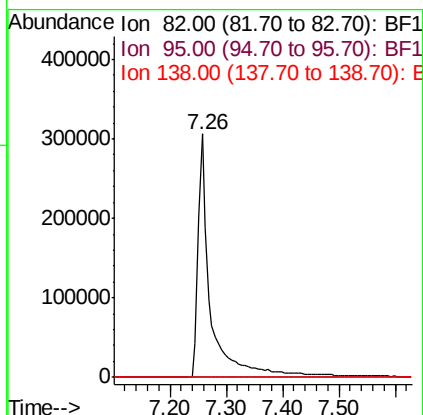
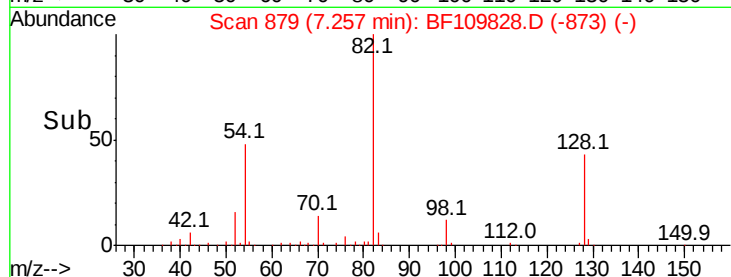
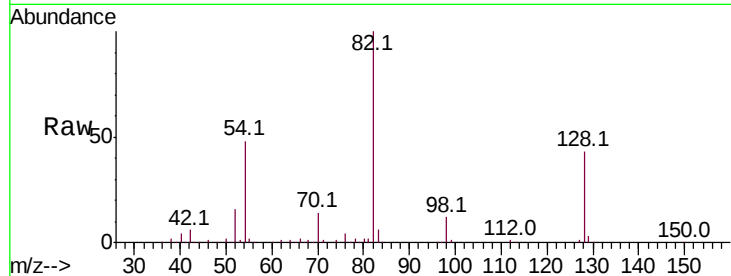
Tot Ion: 82 Resp: 473763

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: BF109828.D

Acq: 12 Oct 2018 12:45

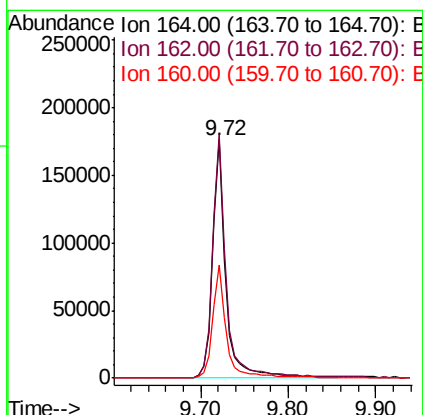
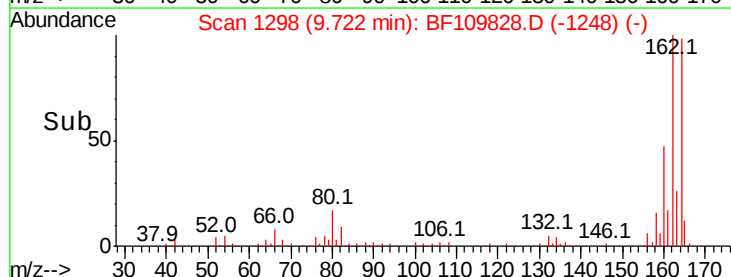
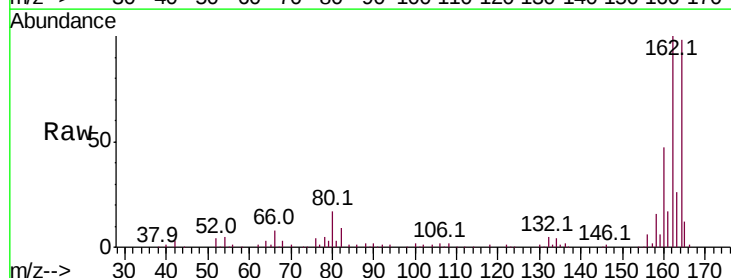
Tgt Ion: 164 Resp: 189232

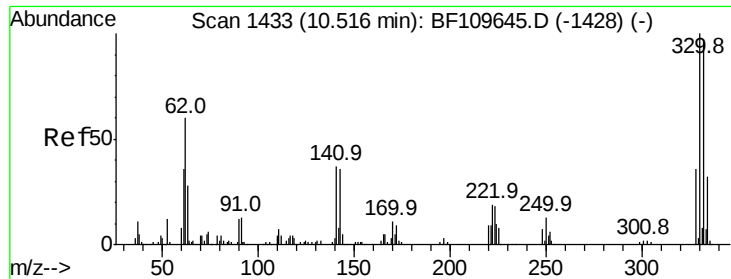
Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.6

160 47.6 37.0 55.6

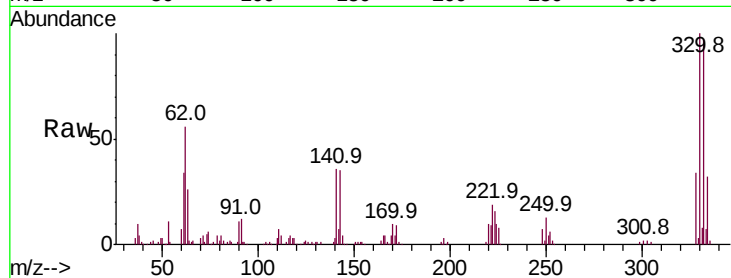




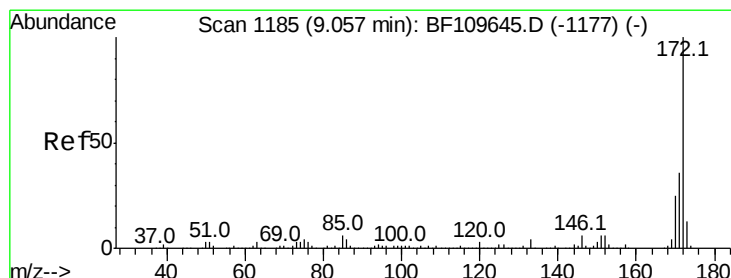
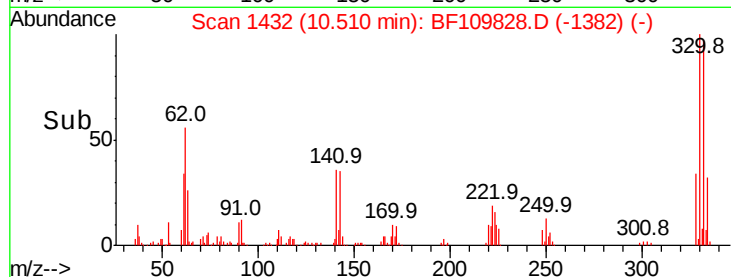
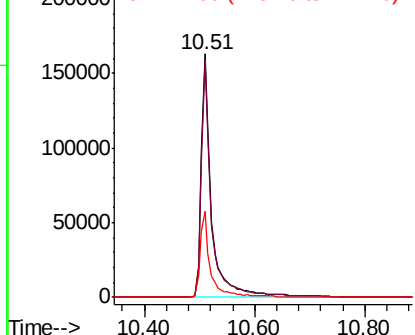
#41
 2,4,6-Tribromophenol
 Concen: 104.967 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	35.1	27.0	40.4

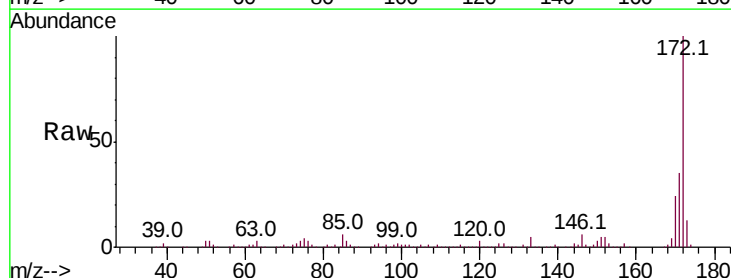


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

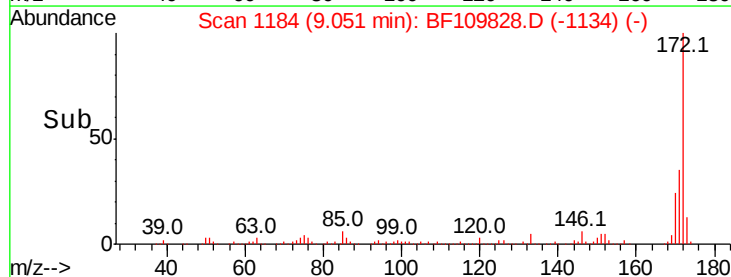
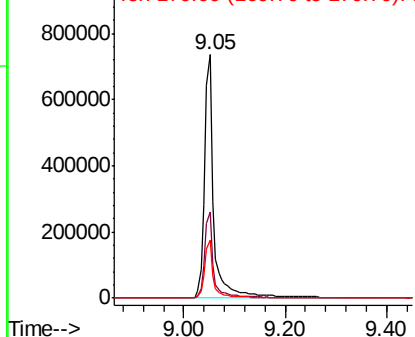


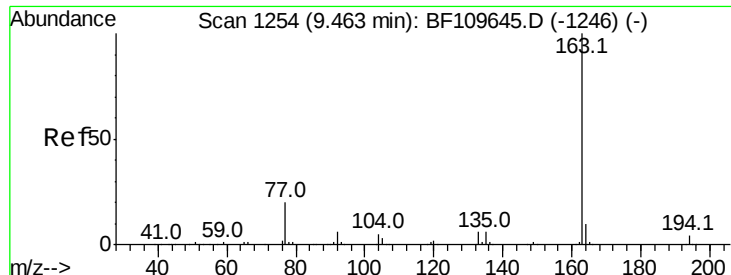
#44
 2-Fluorobiphenyl
 Concen: 68.929 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

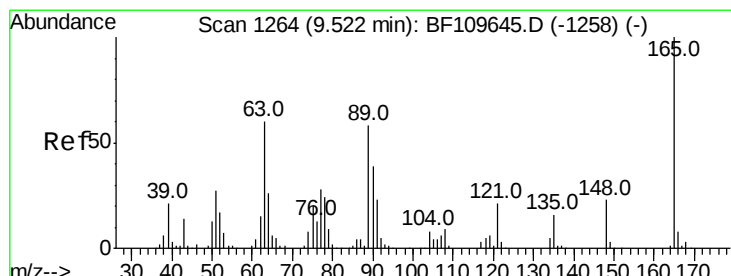
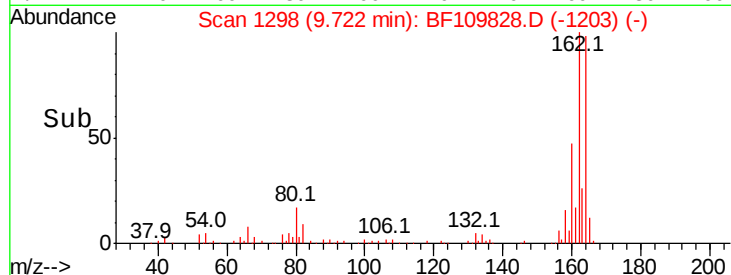
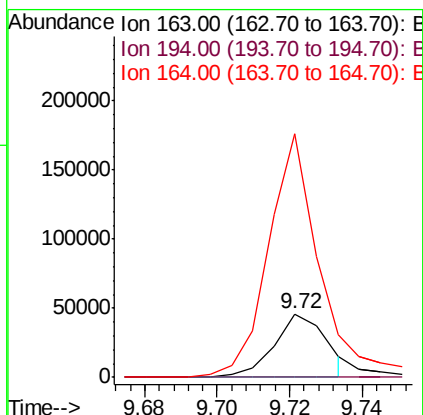
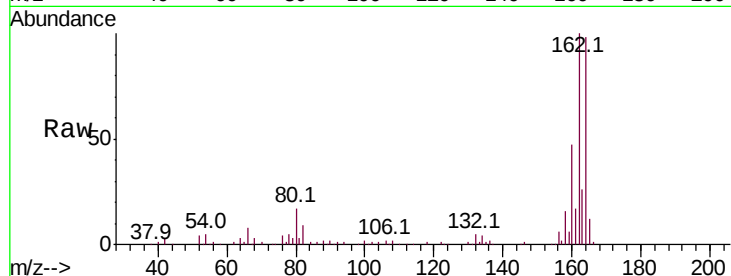




#49
Dimethylphthalate
Concen: 3.303 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

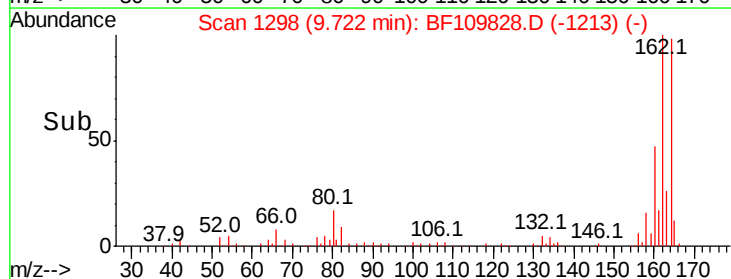
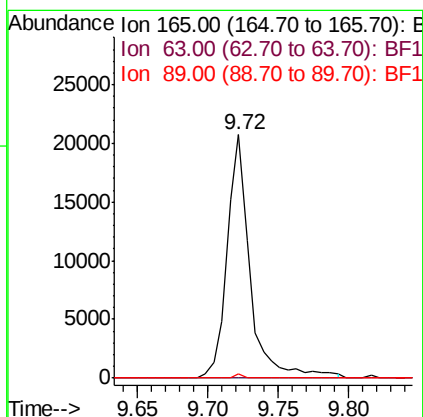
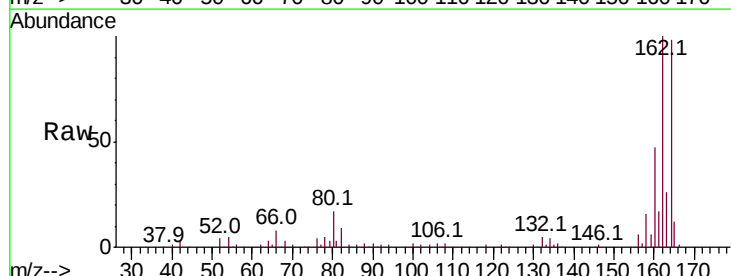
Instrument :
BNA_F
ClientSampleId :

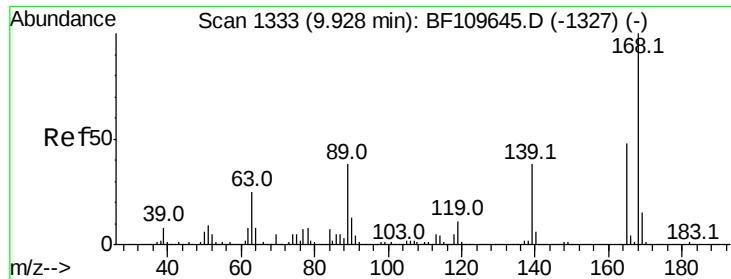
Tot Ion:163 Resp: 45840
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 382.5 8.1 12.1#



#50
2,6-Dinitrotoluene
Concen: 7.776 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

Tgt Ion:165 Resp: 23392
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.9 46.6 69.8#

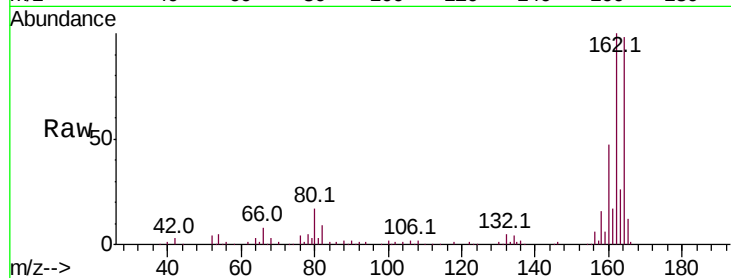




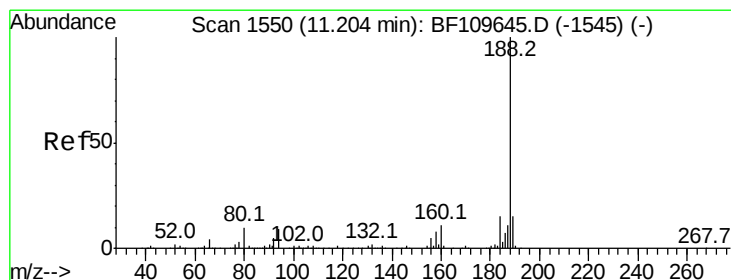
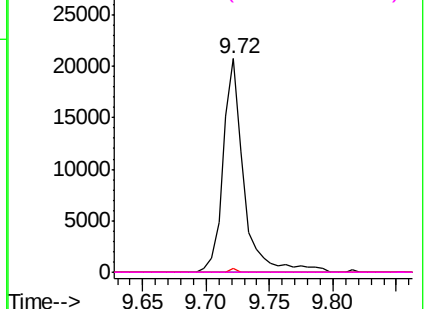
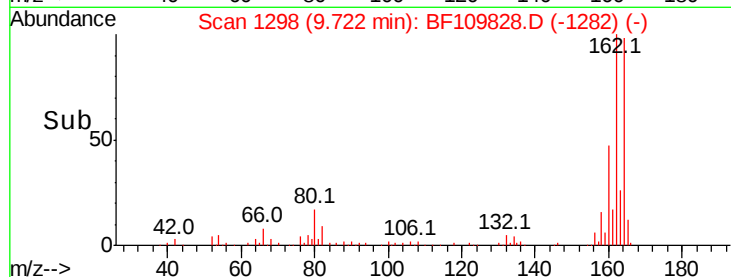
#56
 2,4-Dinitrotoluene
 Concen: 6.231 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	23393
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#

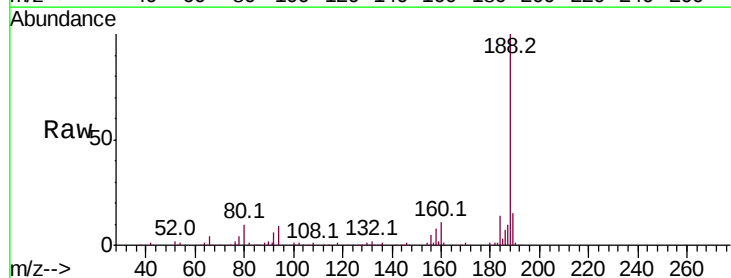


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

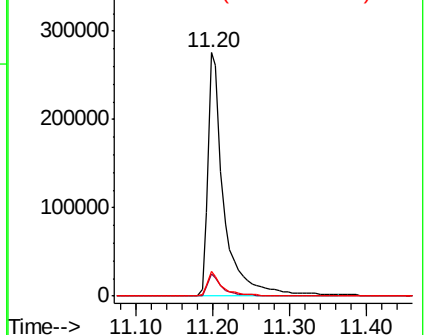
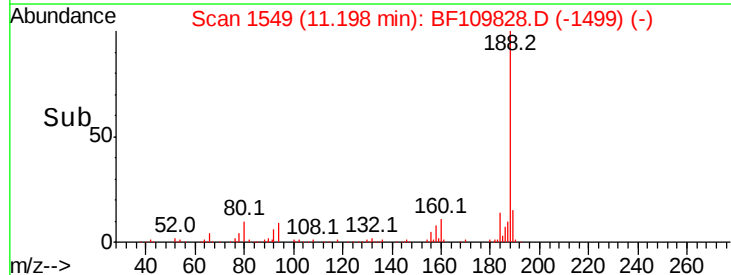


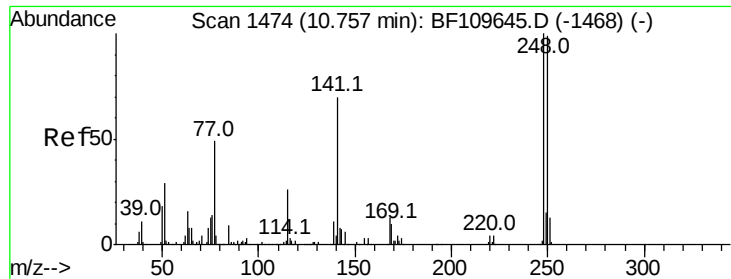
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Tgt Ion:	188	Resp:	400340
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	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

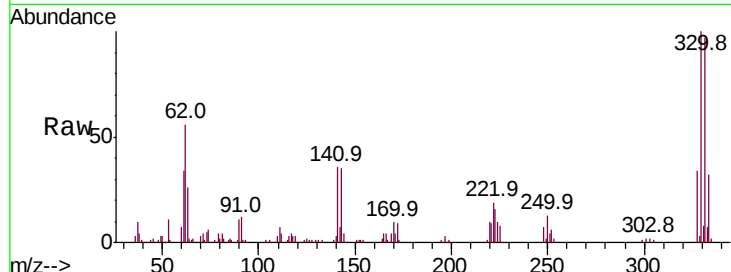




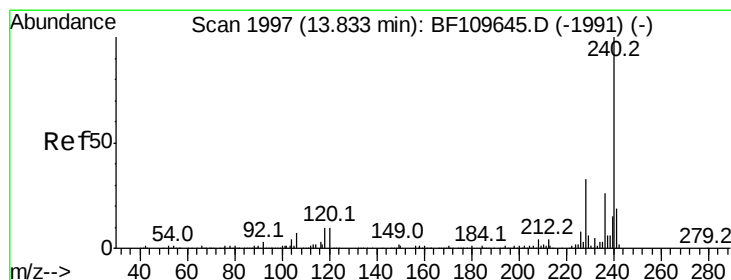
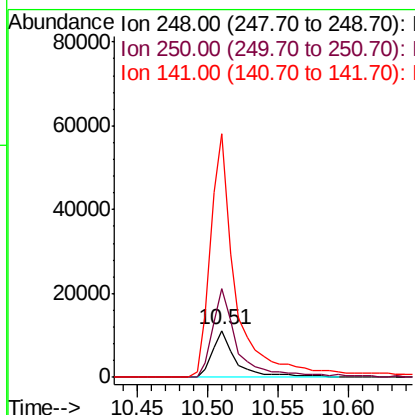
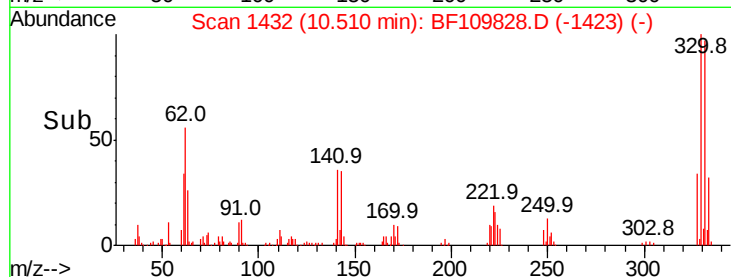
#66
4-Bromophenyl-phenylether
Concen: 2.814 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12945
Ion Ratio Lower Upper
248 100
250 189.1 79.4 119.2#
141 522.2 55.9 83.9#

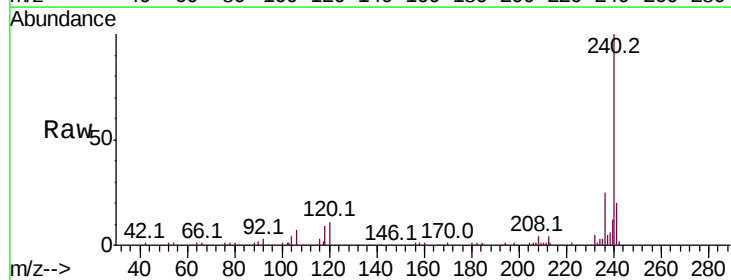


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

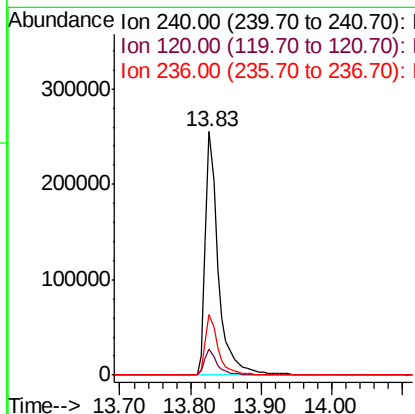
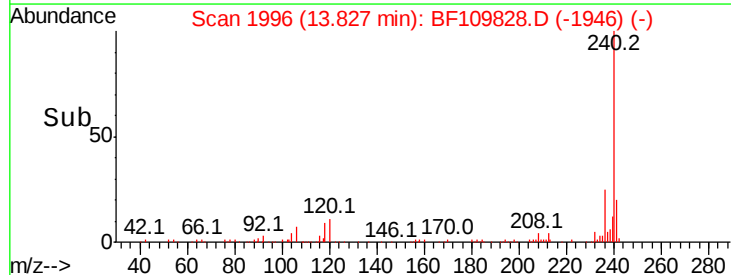


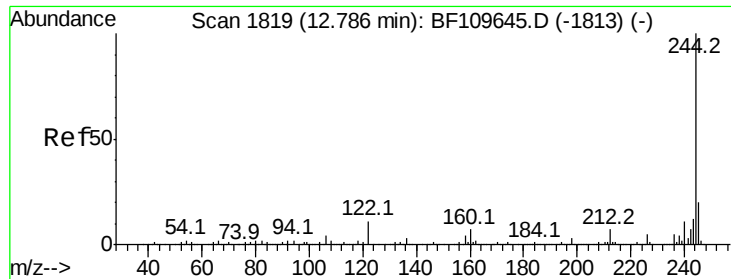
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

Tgt Ion:240 Resp: 328605
Ion Ratio Lower Upper
240 100
120 10.6 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: 57.402 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109828.D

Acq: 12 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

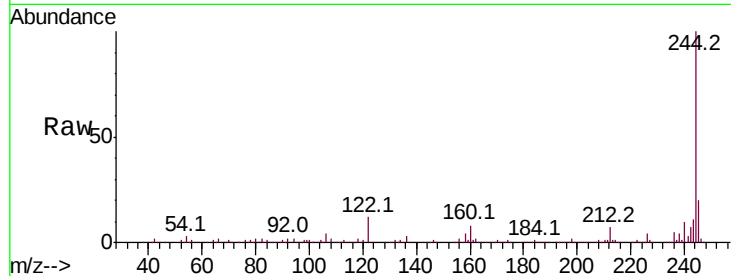
Tot Ion:244 Resp: 974390

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

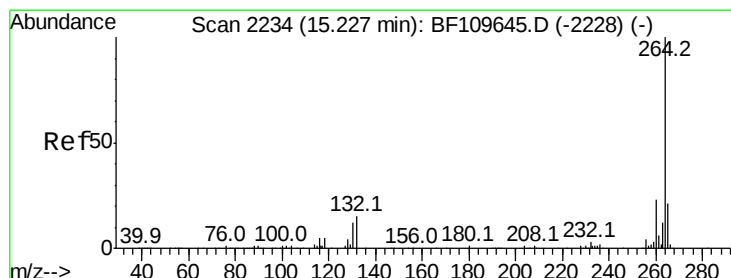
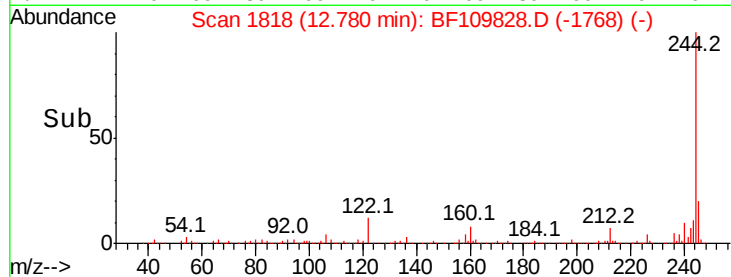
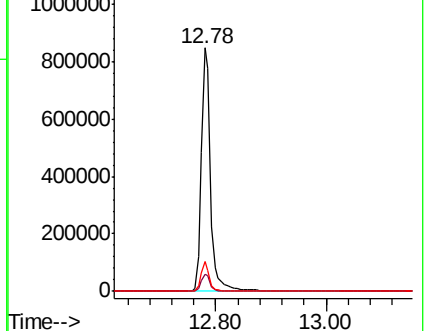
122 12.2 8.7 13.1



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: BF109828.D

Acq: 12 Oct 2018 12:45

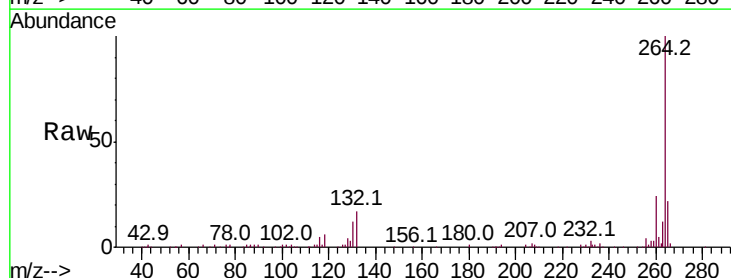
Tgt Ion:264 Resp: 273532

Ion Ratio Lower Upper

264 100

260 24.4 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

