

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109746.D
 Acq On : 10 Oct 2018 17:00
 Operator : JU/SJ
 Sample : J5367-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 18:02:45 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

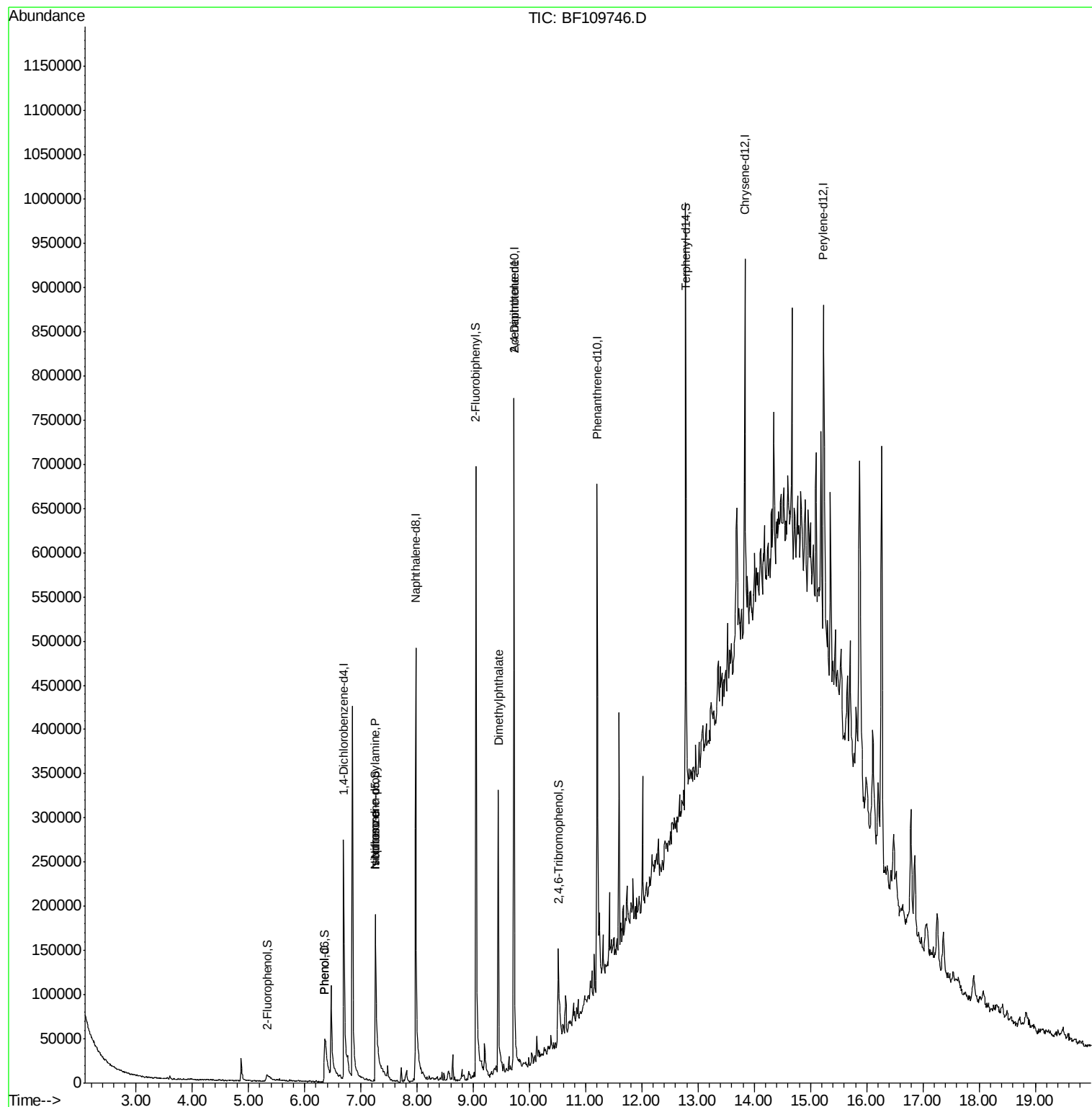
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72459	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	332647	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	162374	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	313638	20.00	ng	0.00
75) Chrysene-d12	13.83	240	198367	20.00	ng	0.00
86) Perylene-d12	15.23	264	193787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	8338	2.04	ng	0.01
7) Phenol-d6	6.35	99	22272	4.08	ng	0.00
23) Nitrobenzene-d5	7.26	82	152675	25.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	23287	13.16	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	319670	27.11	ng	-0.01
78) Terphenyl-d14	12.78	244	265698	25.93	ng	0.00
Target Compounds						
10) Phenol	6.36	94	53581	8.569	ng	# 64
19) n-Nitroso-di-n-propylamine	7.26	70	20289	5.305	ng	# 79
25) Isophorone	7.26	82	152675	15.236	ng	# 67
49) Dimethylphthalate	9.45	163	157597	13.234	ng	# 99
56) 2,4-Dinitrotoluene	9.72	165	20780	6.451	ng	# 19

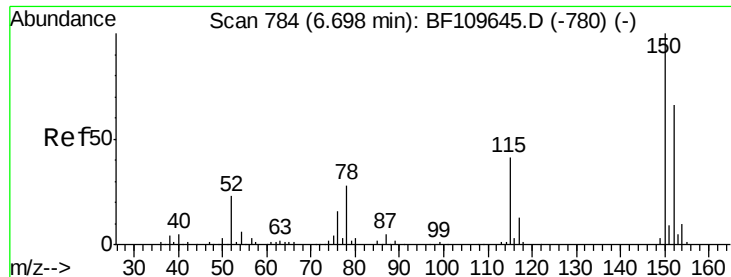
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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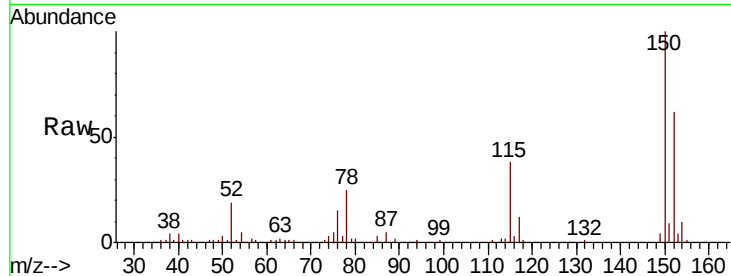


#1

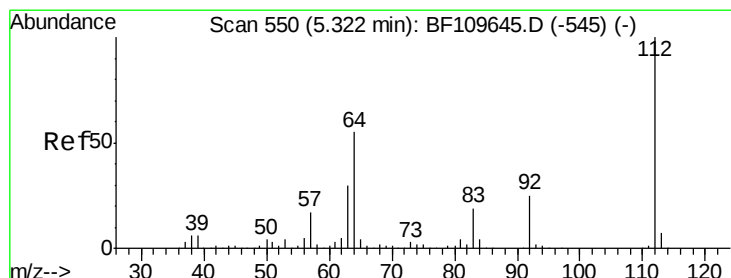
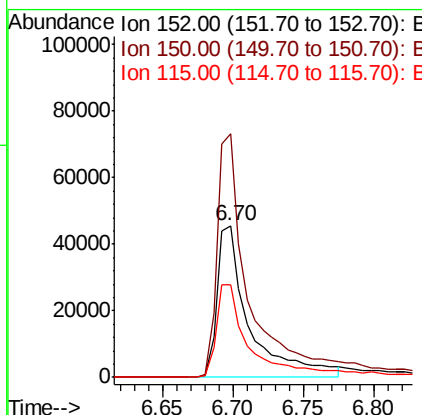
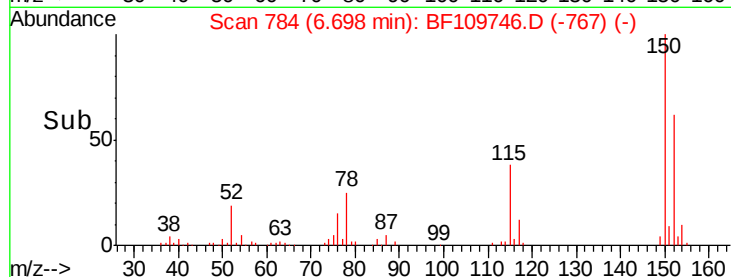
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 72459
Ion Ratio Lower Upper
152 100
150 160.3 122.7 184.1
115 60.7 49.1 73.7



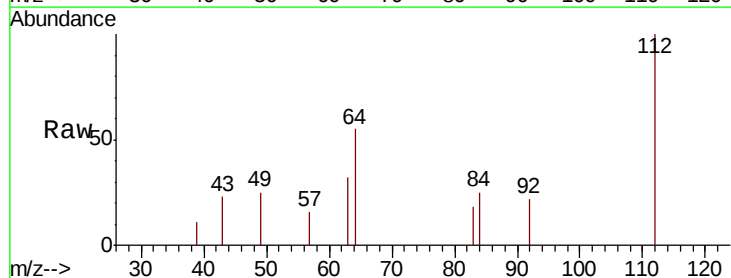
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



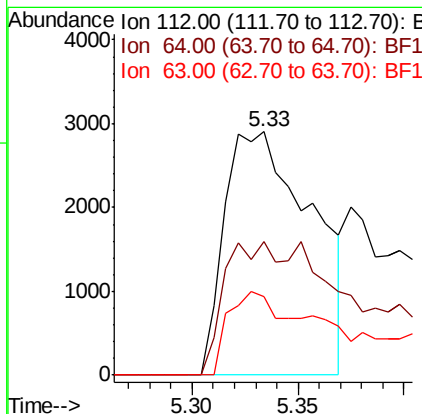
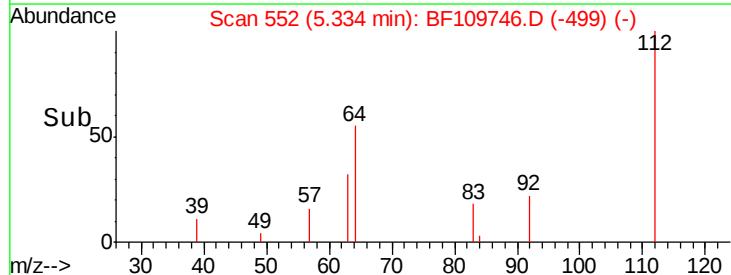
#5

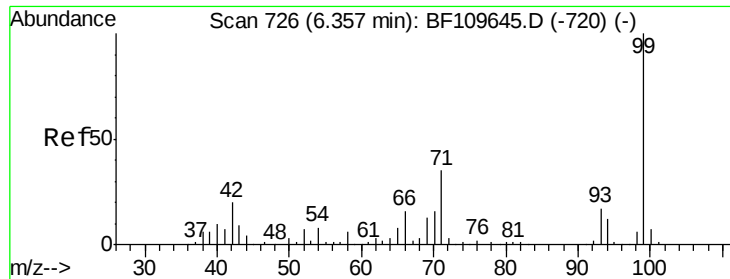
2-Fluorophenol
Concen: 2.043 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

Tgt Ion:112 Resp: 8338
Ion Ratio Lower Upper
112 100
64 55.0 44.1 66.1
63 32.1 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: 4.084 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109746.D

Acq: 10 Oct 2018 17:00

Instrument :

BNA_F

ClientSampleId :

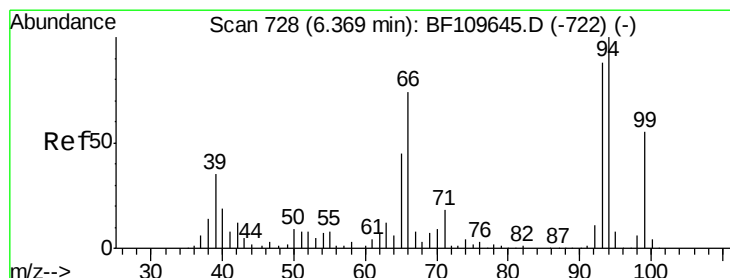
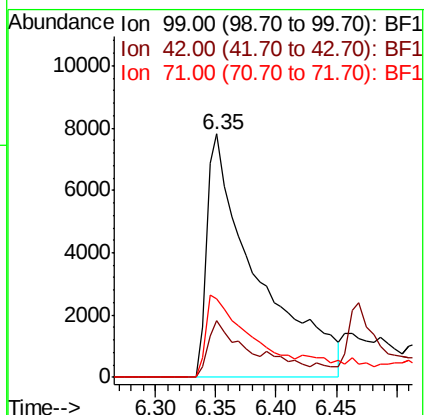
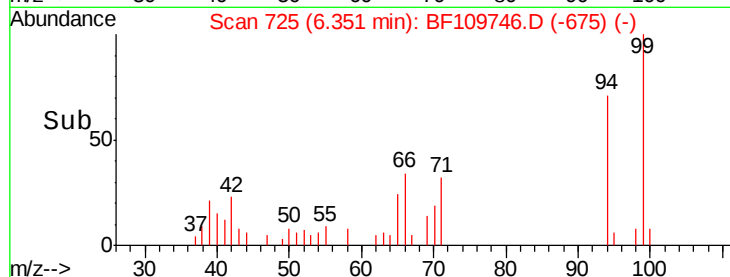
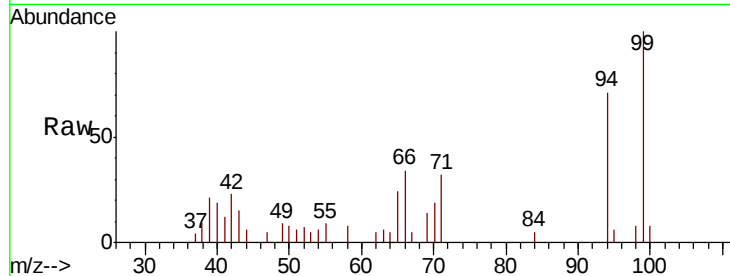
Tot Ion: 99 Resp: 22272

Ion Ratio Lower Upper

99 100

42 23.2 15.8 23.6

71 32.4 28.0 42.0



#10

Phenol

Concen: 8.569 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109746.D

Acq: 10 Oct 2018 17:00

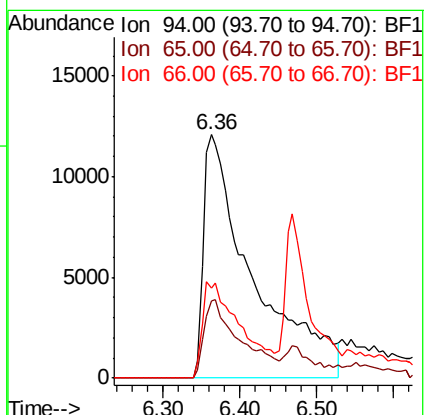
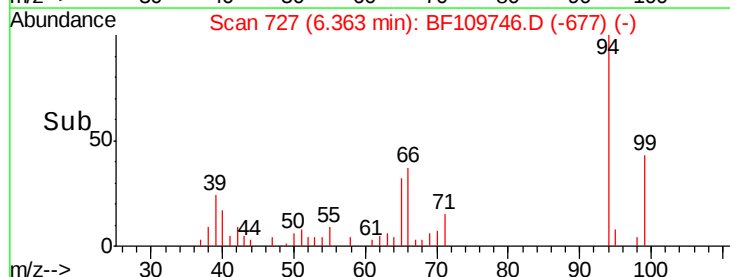
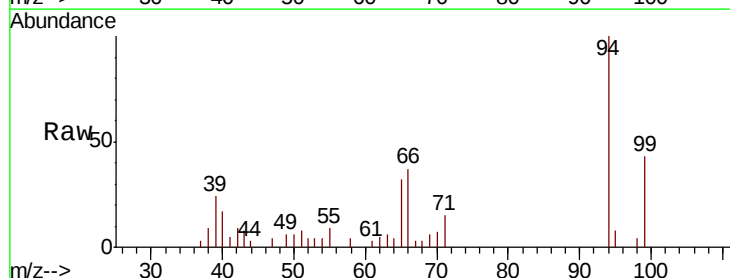
Tgt Ion: 94 Resp: 53581

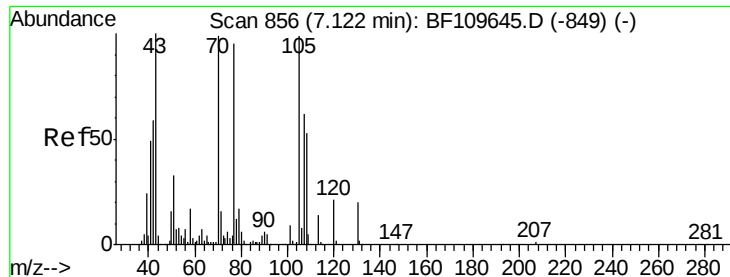
Ion Ratio Lower Upper

94 100

65 31.5 25.3 65.3

66 36.8 54.5 94.5#

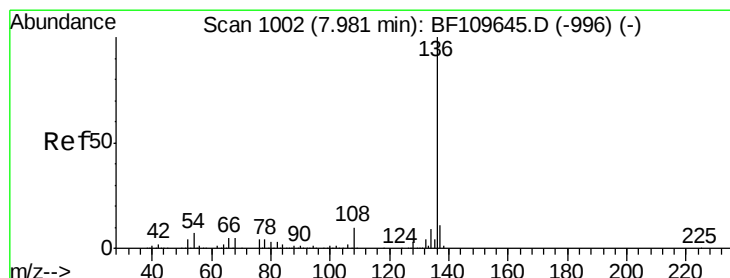
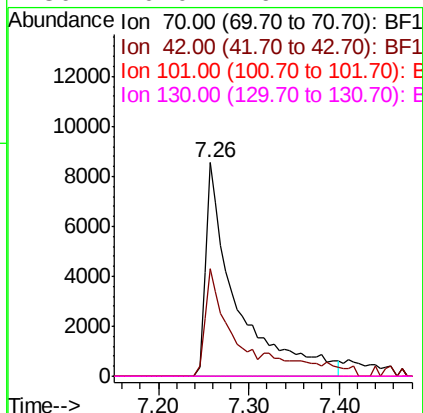
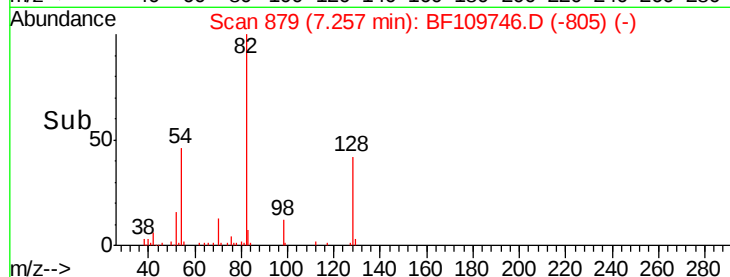
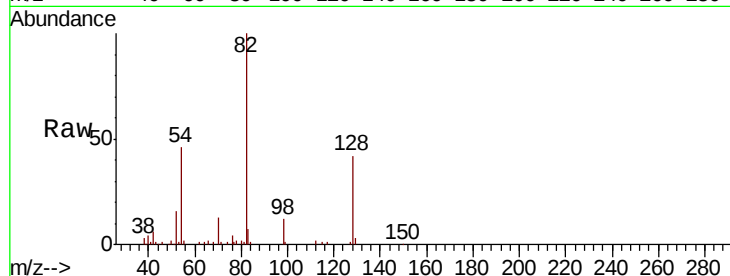




#19
n-Nitroso-di-n-propylamine
Concen: 5.305 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

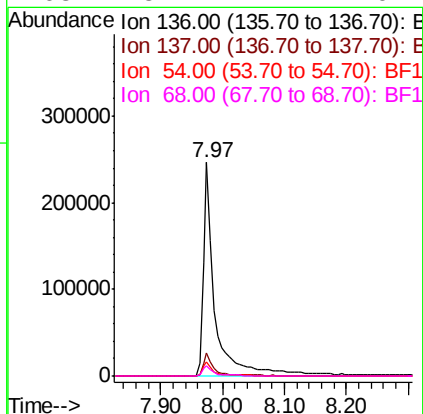
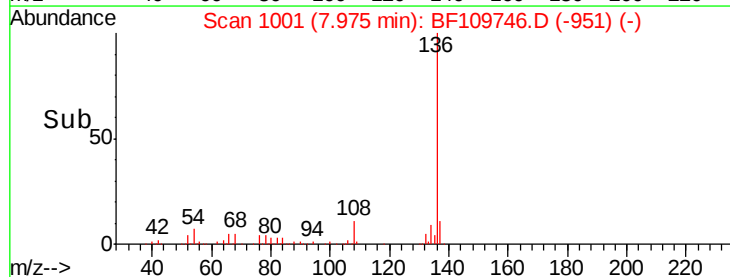
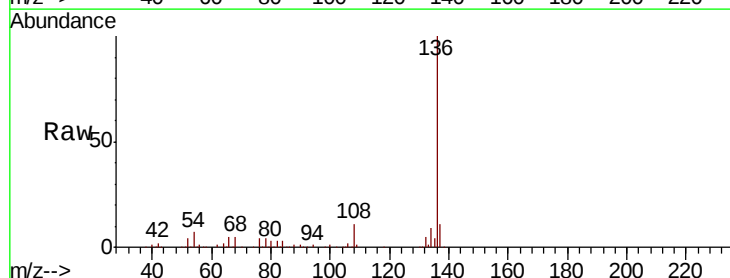
Instrument :
BNA_F
ClientSampleId :

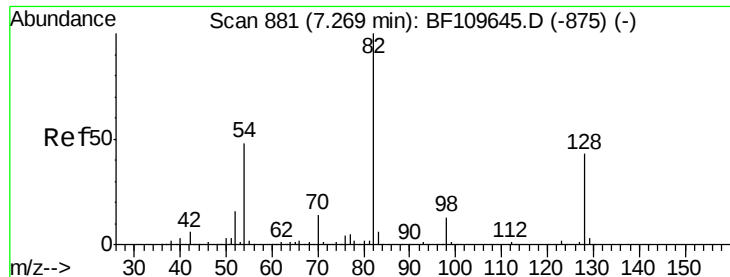
Tot Ion: 70 Resp: 20289
Ion Ratio Lower Upper
70 100
42 50.3 47.4 71.2
101 0.0 7.3 10.9#
130 0.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

Tgt Ion: 136 Resp: 332647
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.4 8.2
68 5.1 4.2 6.2

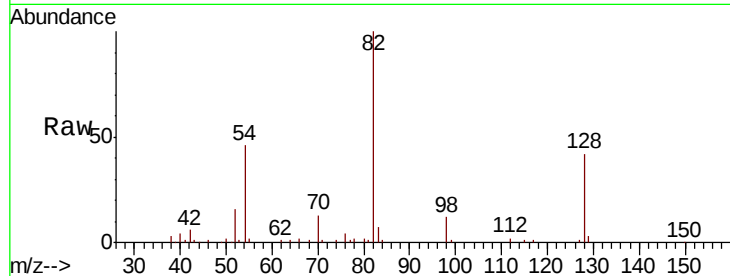




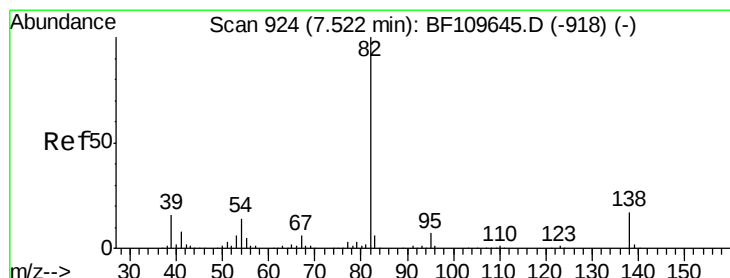
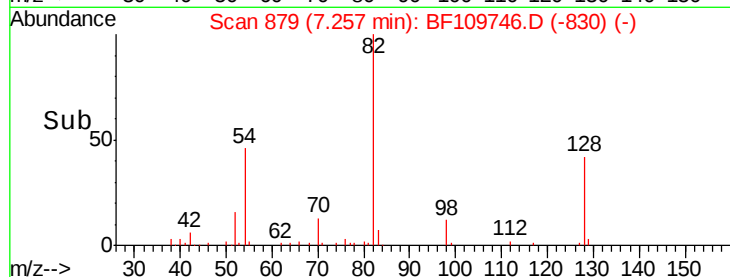
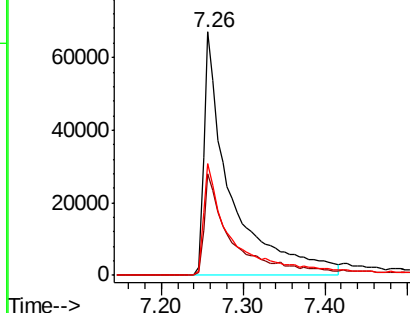
#23
Nitrobenzene-d5
Concen: 25.300 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	152675
Ion Ratio	Lower	Upper	
82	100		
128	41.6	34.2	51.2
54	45.7	38.6	58.0

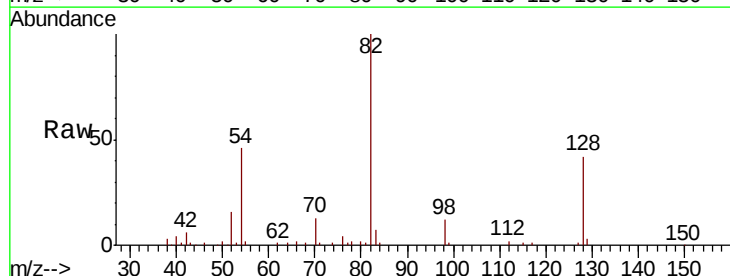


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

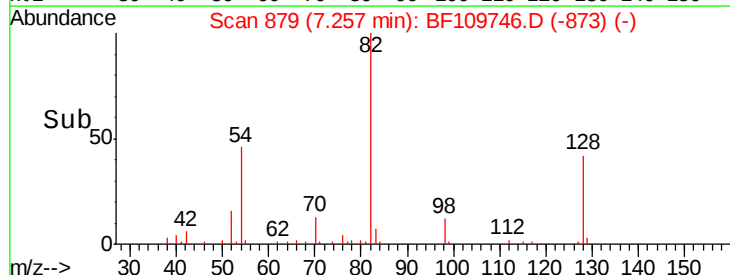
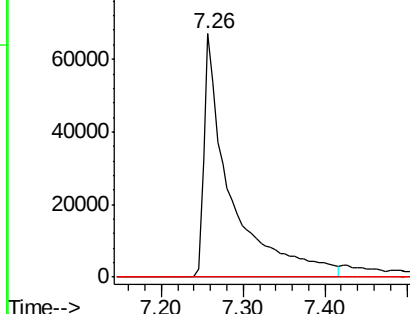


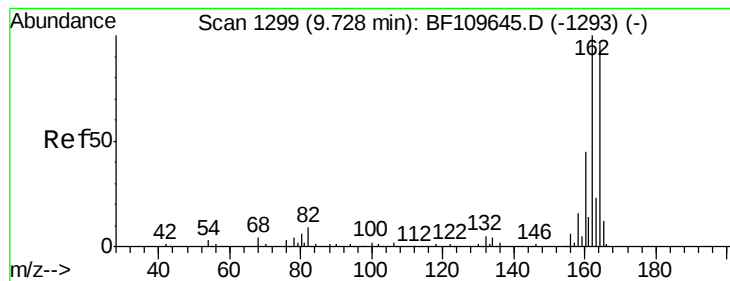
#25
Isophorone
Concen: 15.236 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

Tgt Ion	82	Resp	152675
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: BF109746.D

Acq: 10 Oct 2018 17:00

Instrument :

BNA_F

ClientSampleId :

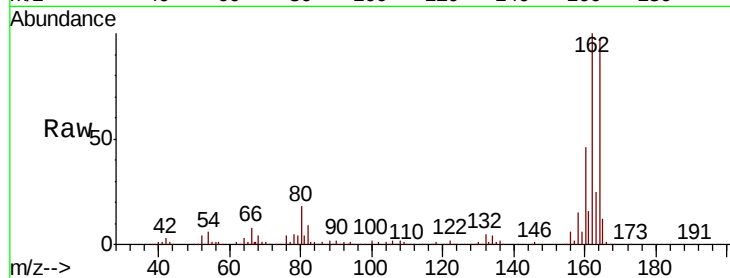
Tot Ion:164 Resp: 162374

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

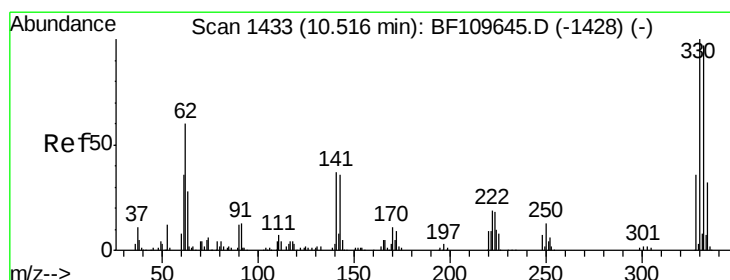
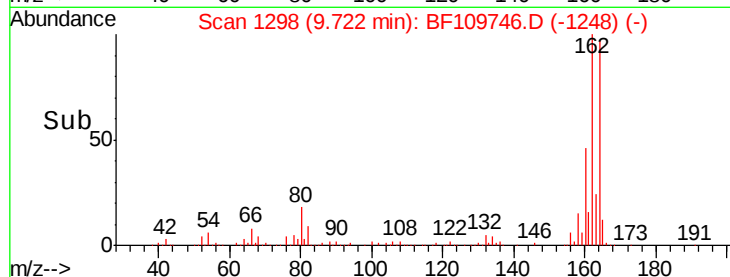
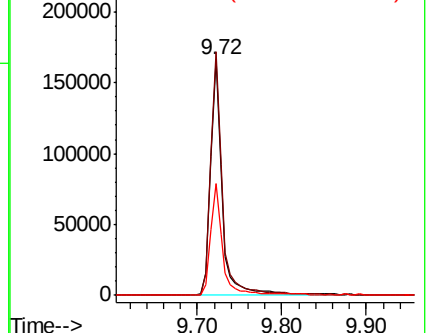
160 47.7 37.0 55.6



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: 13.162 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109746.D

Acq: 10 Oct 2018 17:00

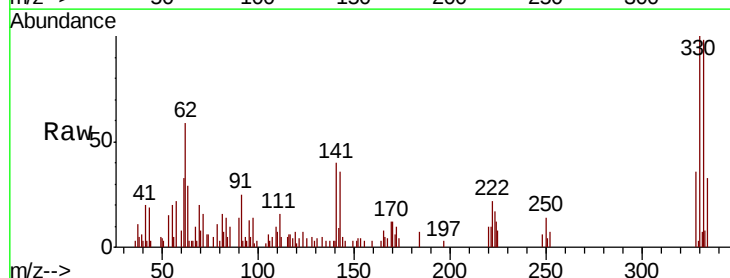
Tgt Ion:330 Resp: 23287

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

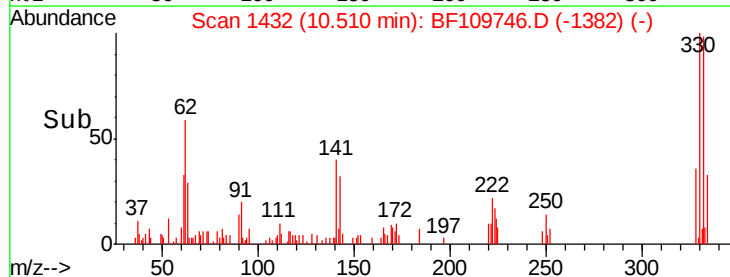
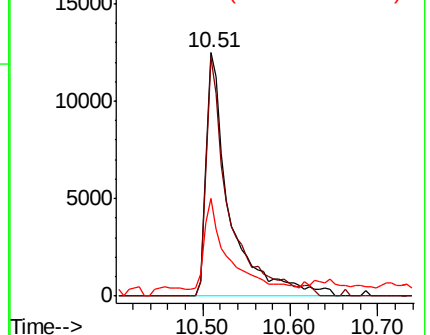
141 36.2 27.0 40.4

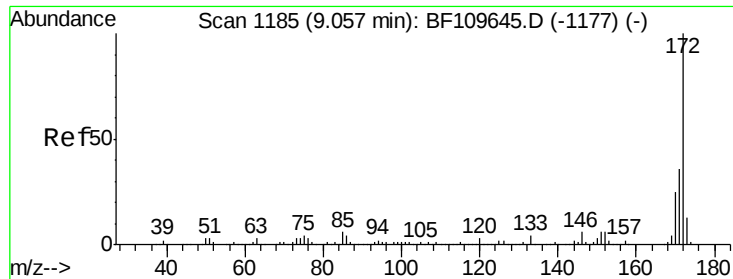


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

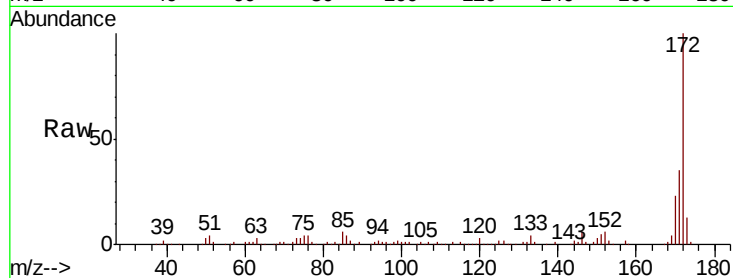




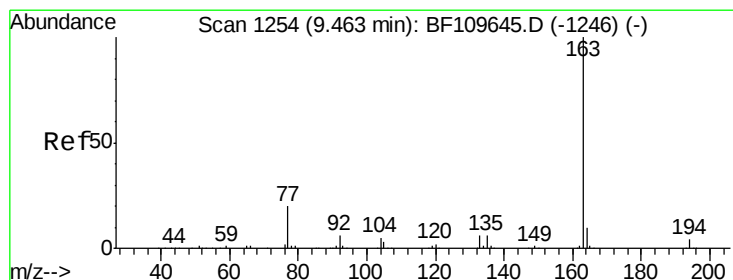
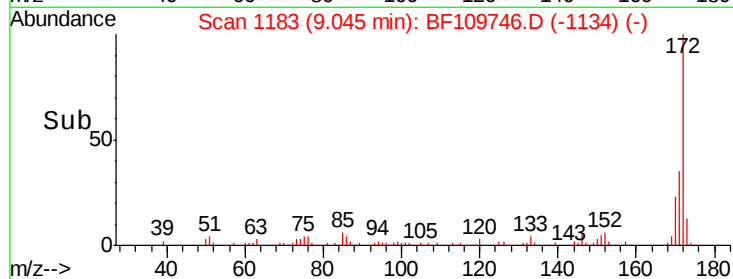
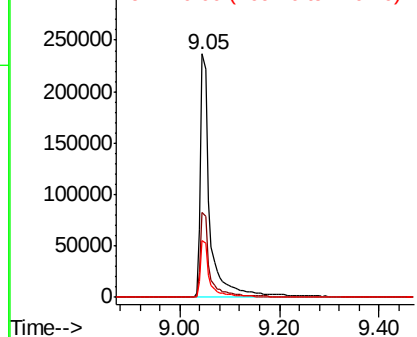
#44
2-Fluorobiphenyl
Concen: 27.114 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 319670
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.1 19.7 29.5

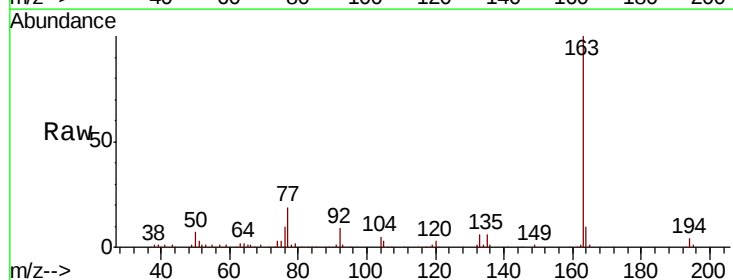


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

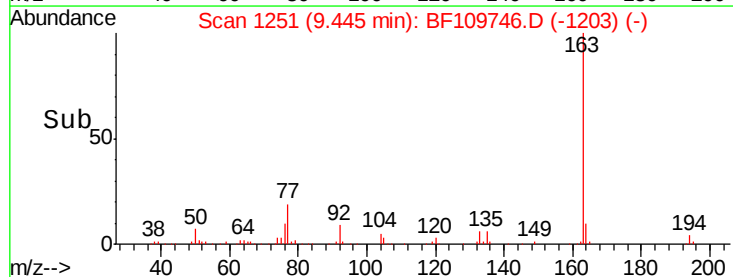
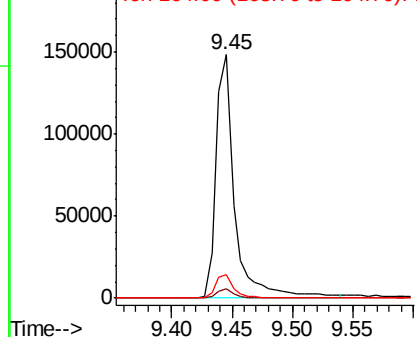


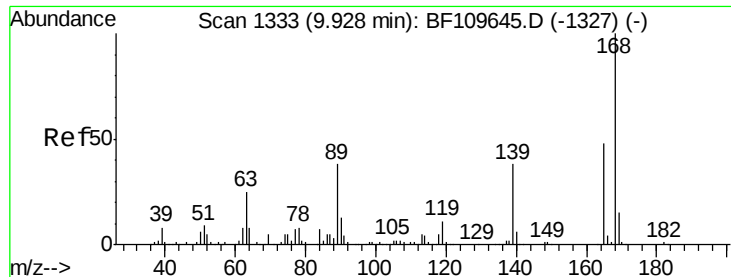
#49
Dimethylphthalate
Concen: 13.234 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

Tgt Ion:163 Resp: 157597
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.6 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

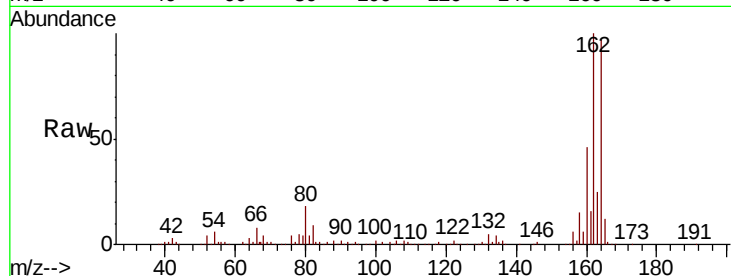




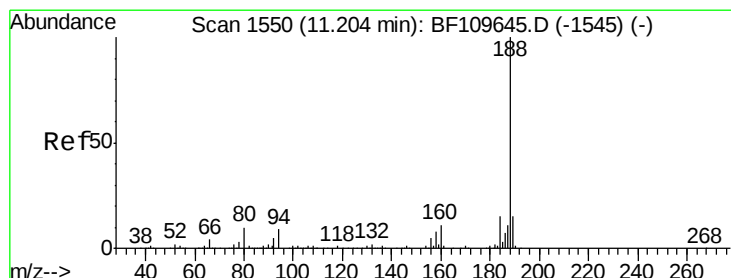
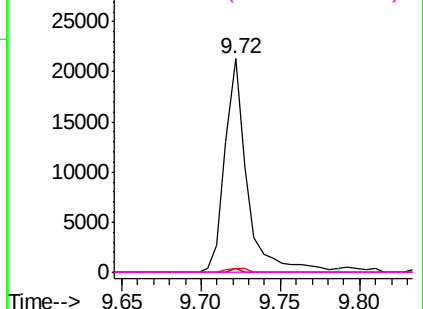
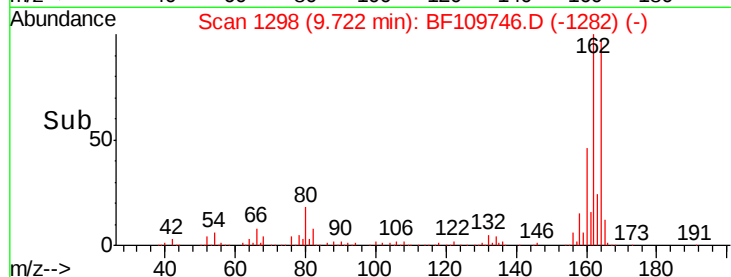
#56
 2,4-Dinitrotoluene
 Concen: 6.451 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109746.D
 Acq: 10 Oct 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 20780
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.8 67.2#
 89 1.8 62.2 93.4#
 182 0.0 2.1 3.1#

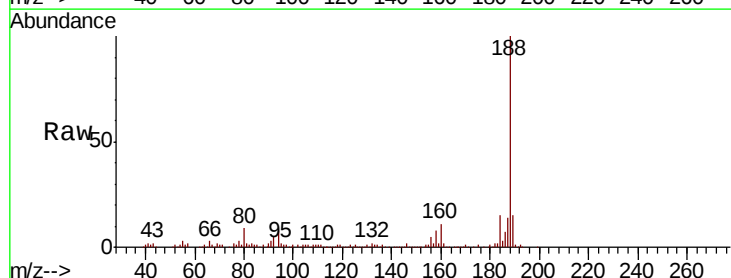


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

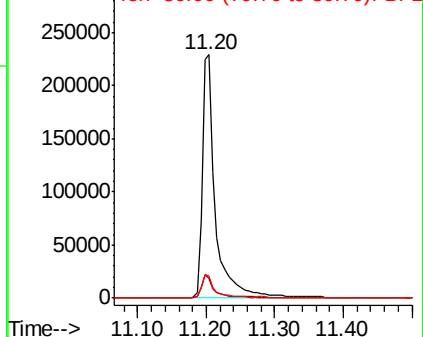
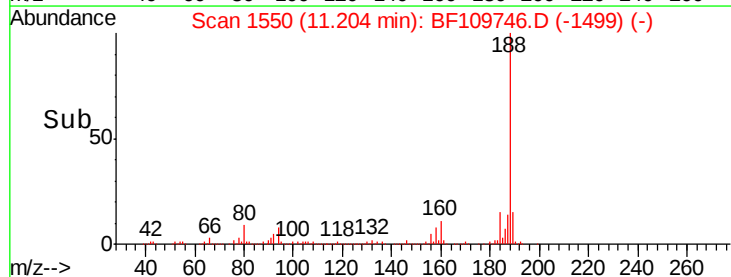


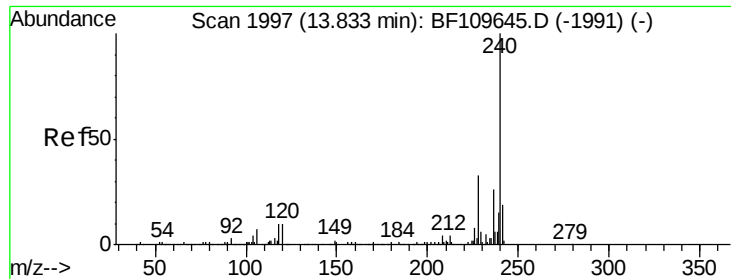
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109746.D
 Acq: 10 Oct 2018 17:00

Tgt Ion:188 Resp: 313638
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 9.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109746.D

Acq: 10 Oct 2018 17:00

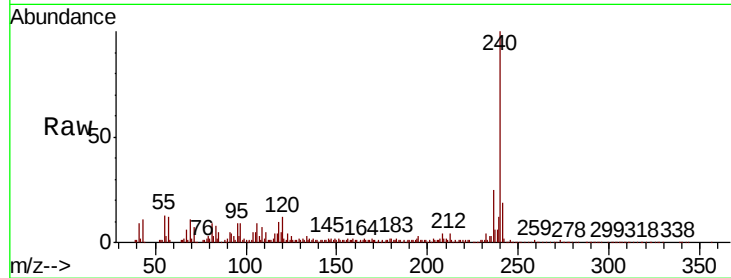
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 198367

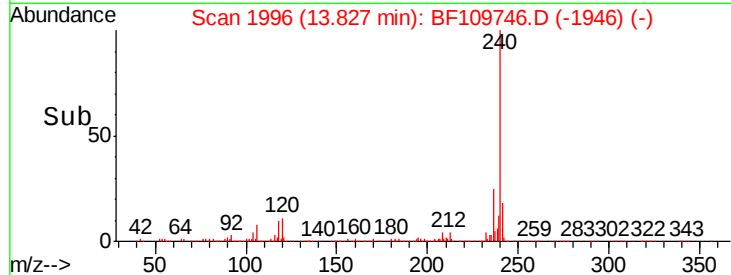
Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	25.4	21.2	31.8



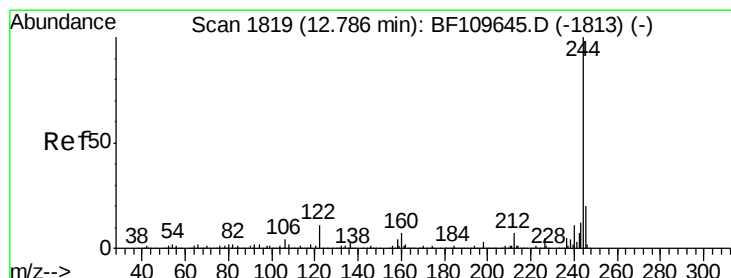
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 25.929 ng

RT: 12.78 min Scan# 1818

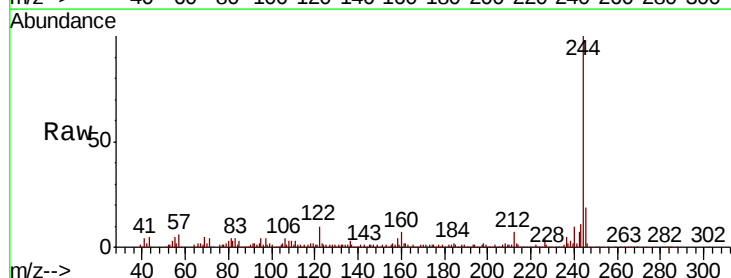
Delta R.T. -0.01 min

Lab File: BF109746.D

Acq: 10 Oct 2018 17:00

Tgt Ion:244 Resp: 265698

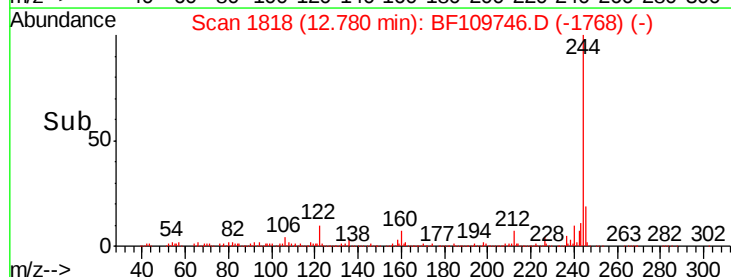
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.4	8.7	13.1



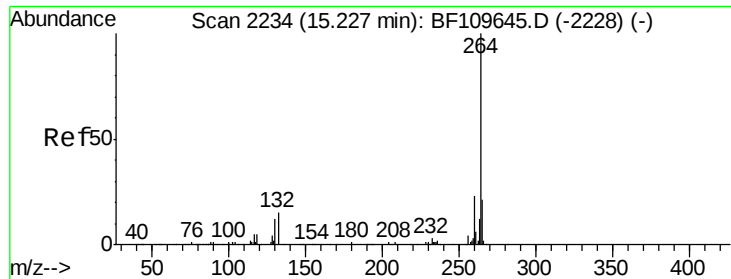
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



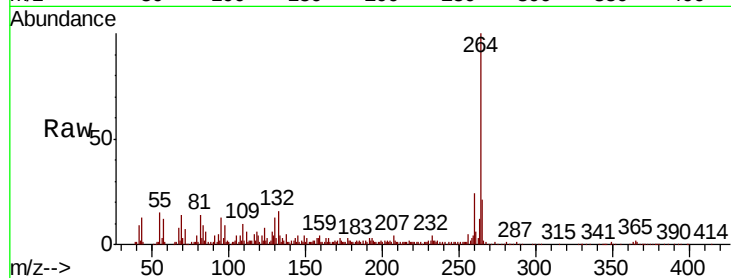
Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF109746.D
Acq: 10 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

