

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109876.D
 Acq On : 13 Oct 2018 10:59
 Operator : JU/SJ
 Sample : PB113650BL
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BL

Quant Time: Oct 15 01:54:17 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	87397	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	357170	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	151516	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	239096	20.00	ng	0.00
75) Chrysene-d12	13.83	240	185664	20.00	ng	0.00
86) Perylene-d12	15.23	264	139725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	405603	82.38	ng	0.00
7) Phenol-d6	6.34	99	575745	87.53	ng	-0.02
23) Nitrobenzene-d5	7.26	82	533911	82.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	97758	59.21	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	971119	88.27	ng	0.00
78) Terphenyl-d14	12.78	244	668425	69.69	ng	0.00

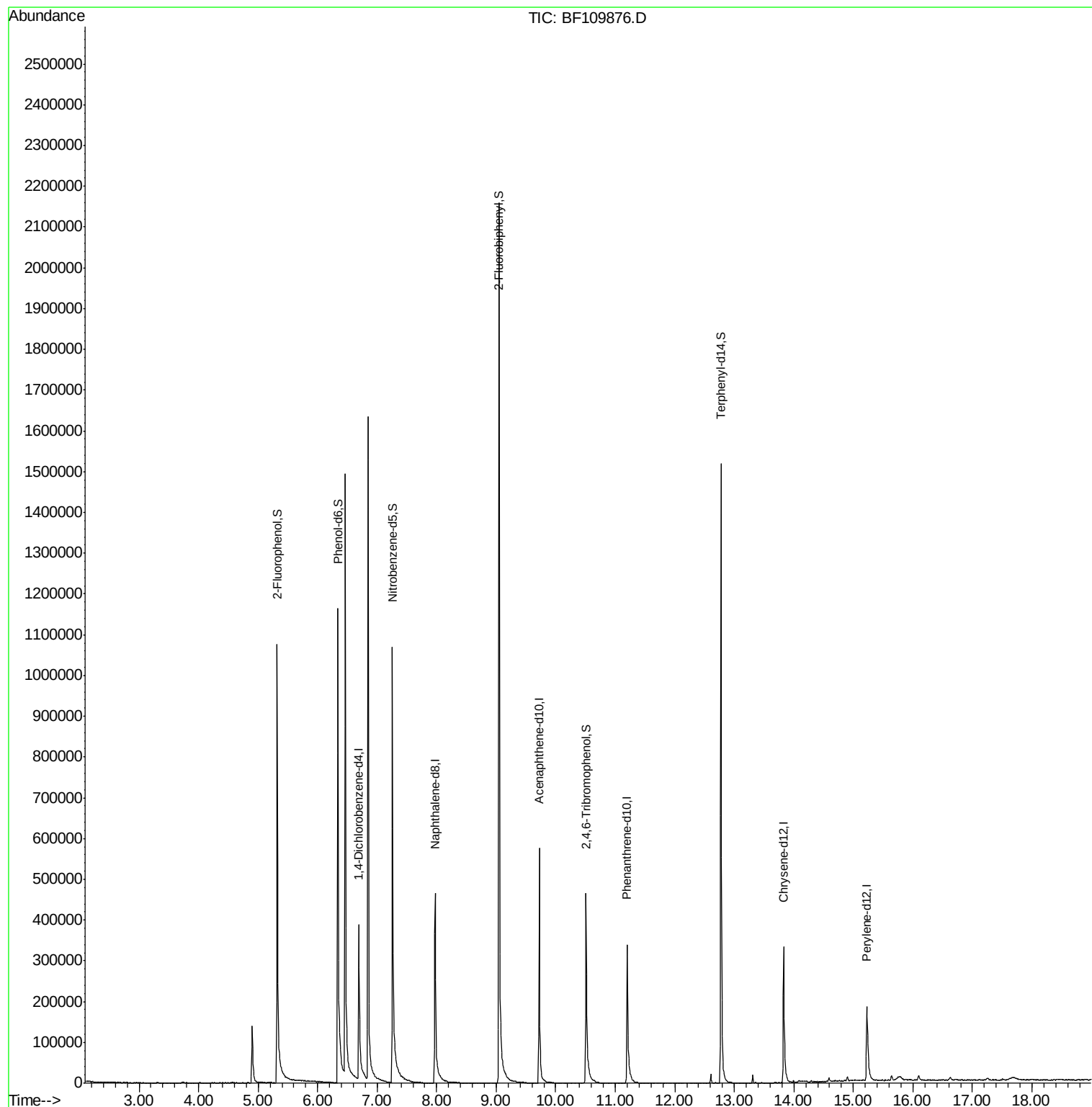
Target Compounds Qvalue

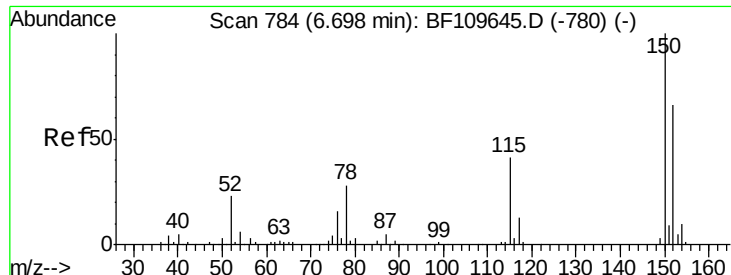
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109876.D
Acq On : 13 Oct 2018 10:59
Operator : JU/SJ
Sample : PB113650BL
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113650BL

Quant Time: Oct 15 01:54:17 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



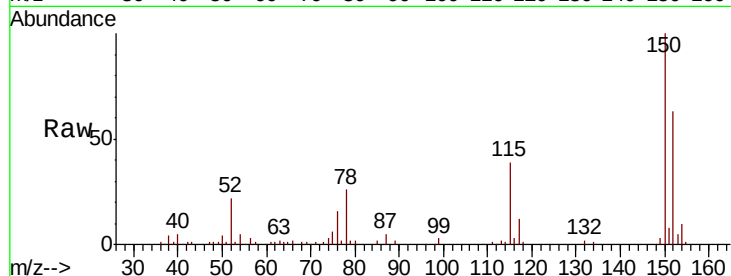


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109876.D
Acq: 13 Oct 2018 10:59

Instrument :
BNA_F
ClientSampleId :
PB113650BL

Tot Ion	152	Resp	87397
Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.7	184.1
115	61.7	49.1	73.7

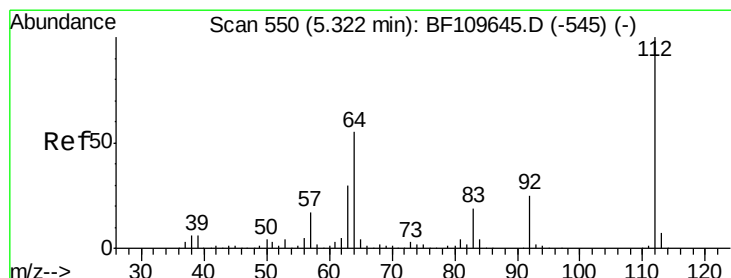
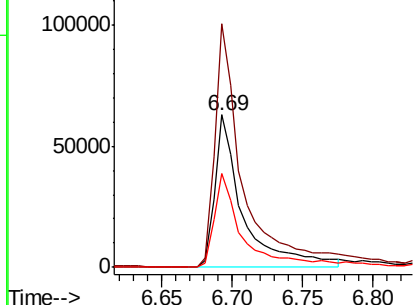
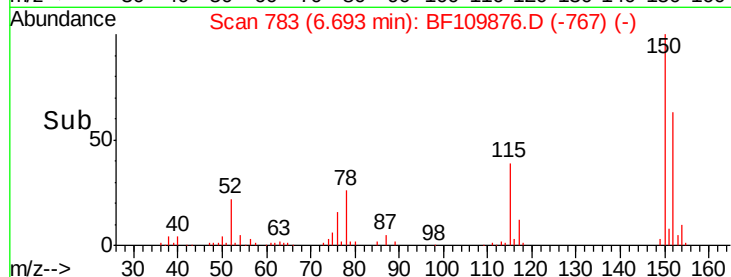


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

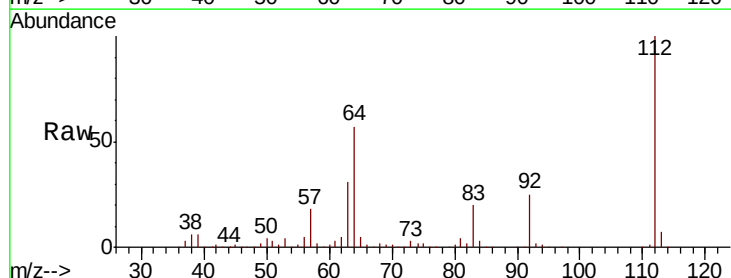
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.378 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109876.D
Acq: 13 Oct 2018 10:59

Tgt Ion	112	Resp	405603
Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.1	66.1
63	30.6	23.7	35.5

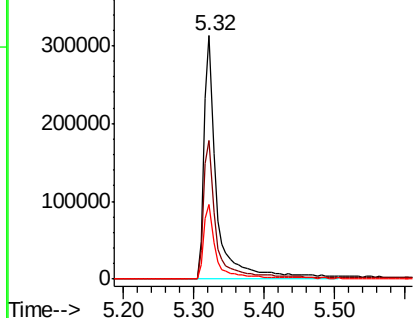
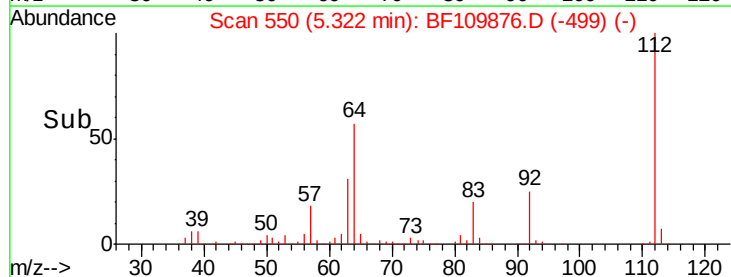


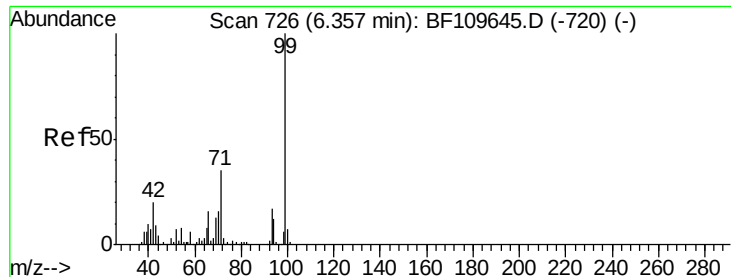
Abundance

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: 87.533 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109876.D

Acq: 13 Oct 2018 10:59

Instrument :

BNA_F

ClientSampleId :

PB113650BL

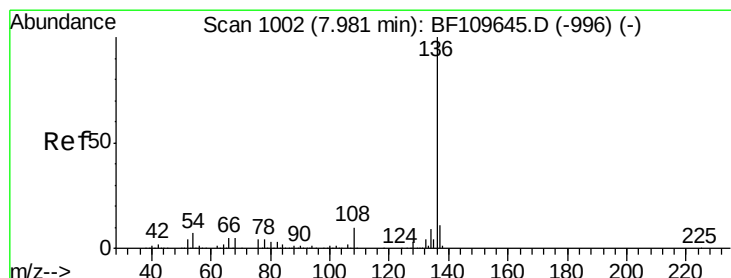
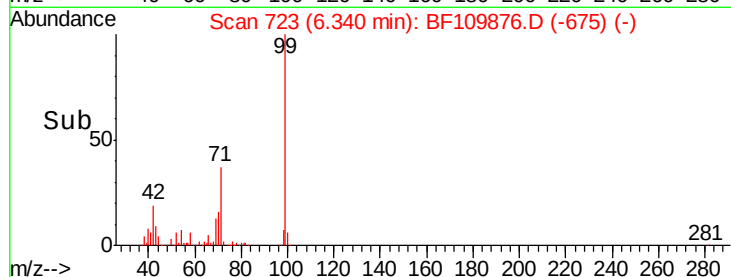
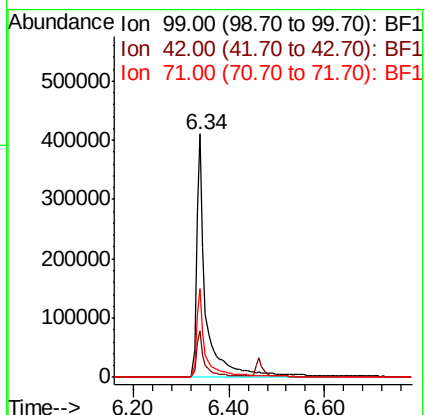
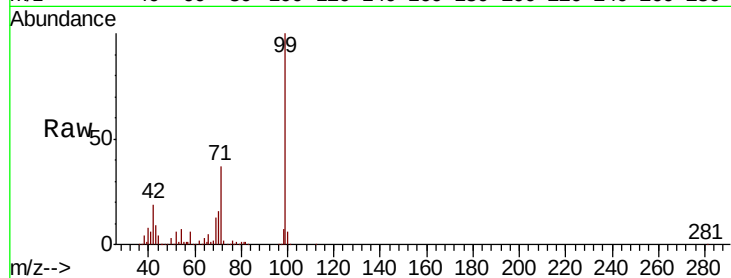
Tot Ion: 99 Resp: 575745

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

71 36.7 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109876.D

Acq: 13 Oct 2018 10:59

Tgt Ion: 136 Resp: 357170

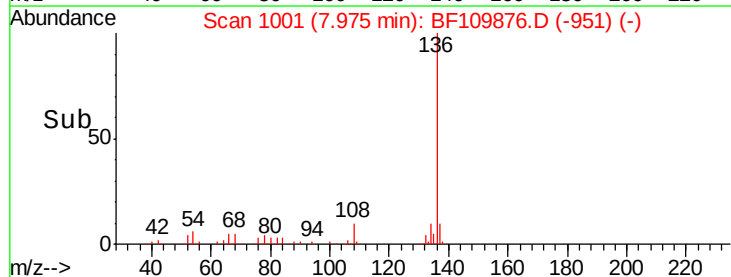
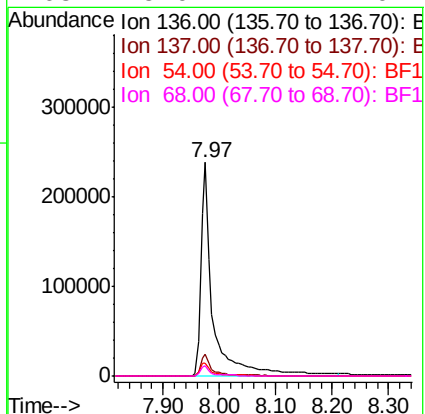
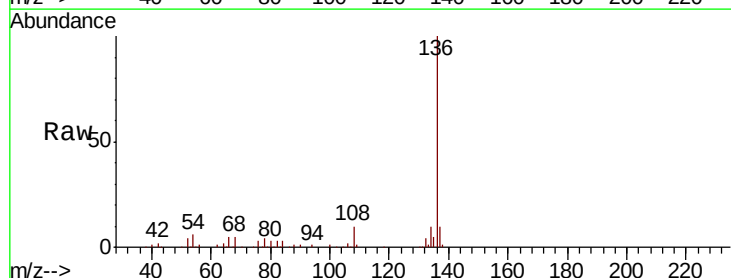
Ion Ratio Lower Upper

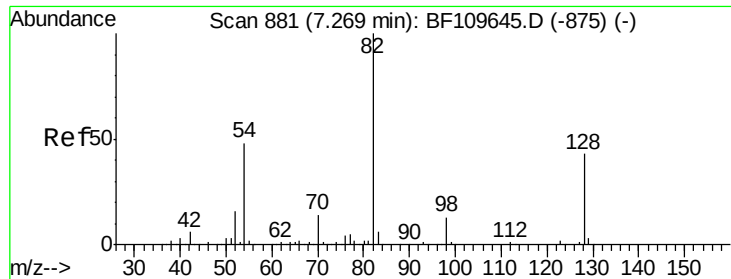
136 100

137 10.4 8.8 13.2

54 6.3 5.4 8.2

68 5.0 4.2 6.2

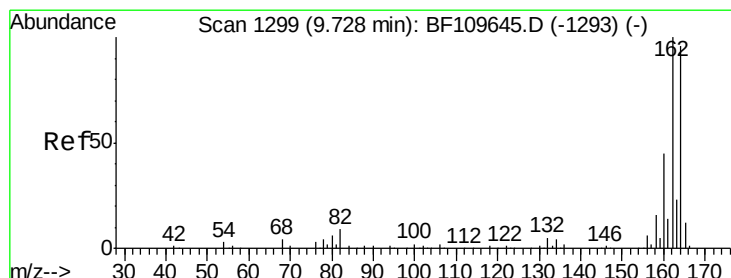
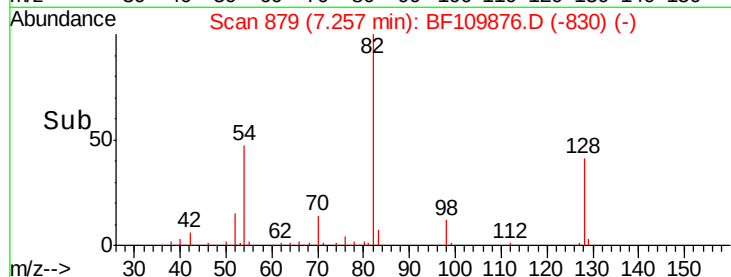
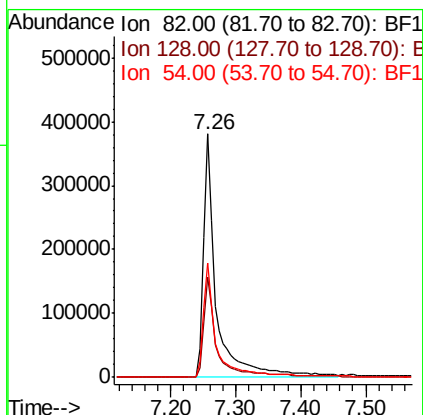
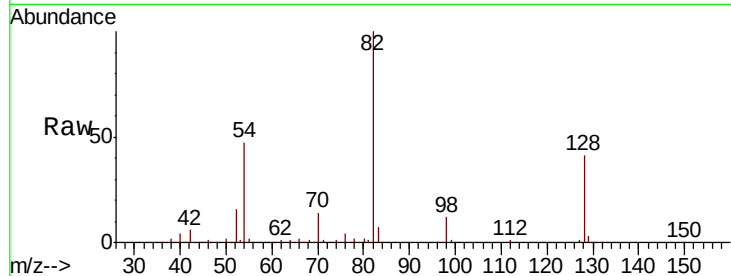




#23
 Nitrobenzene-d5
 Concen: 82.401 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109876.D
 Acq: 13 Oct 2018 10:59

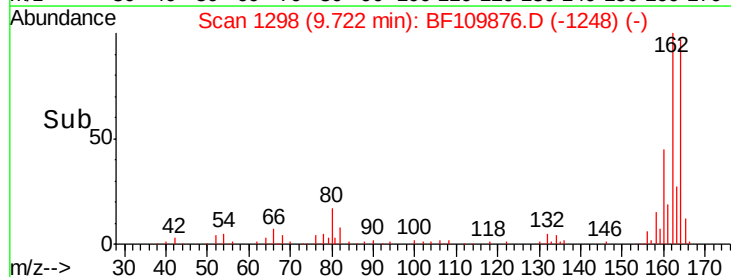
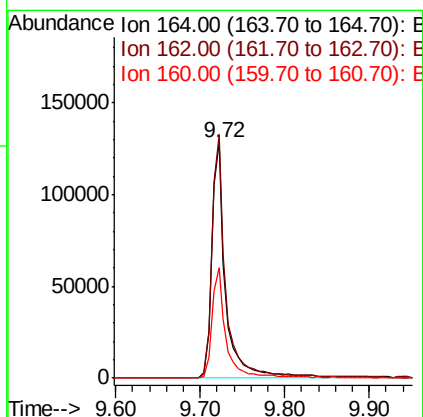
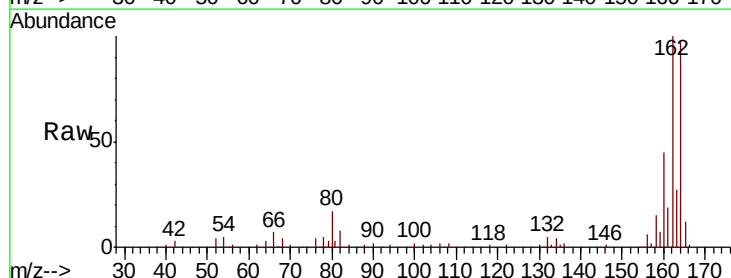
Instrument :
 BNA_F
 ClientSampleId :
 PB113650BL

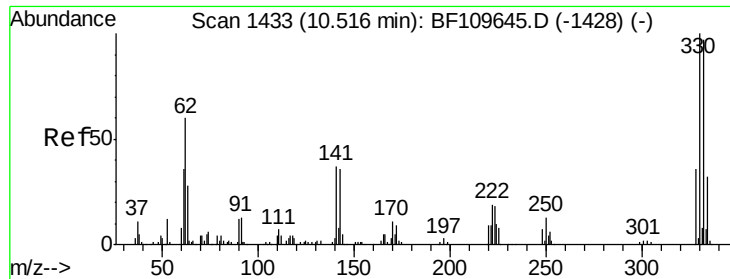
Tot Ion	82	Resp	533911
Ion Ratio	Lower	Upper	
82	100		
128	41.3	34.2	51.2
54	47.1	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109876.D
 Acq: 13 Oct 2018 10:59

Tgt Ion	164	Resp	151516
Ion Ratio	Lower	Upper	
164	100		
162	103.3	83.0	124.6
160	46.9	37.0	55.6

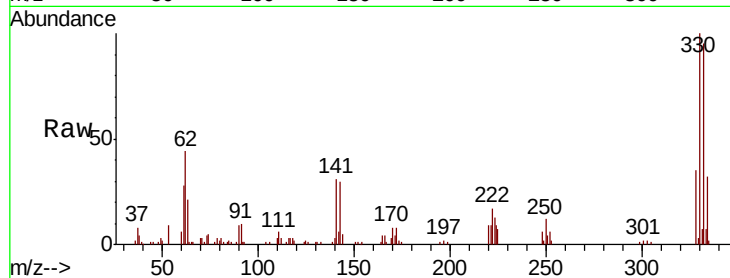




#41
 2,4,6-Tribromophenol
 Concen: 59.214 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109876.D
 Acq: 13 Oct 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	36.5	27.0	40.4

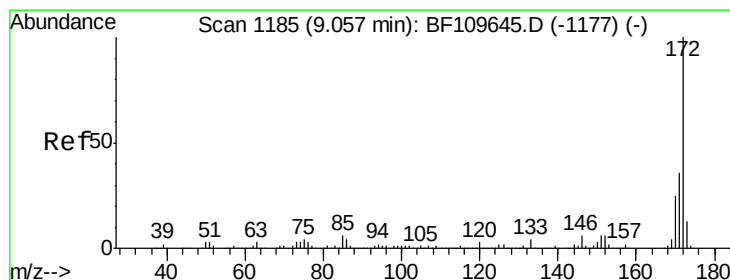
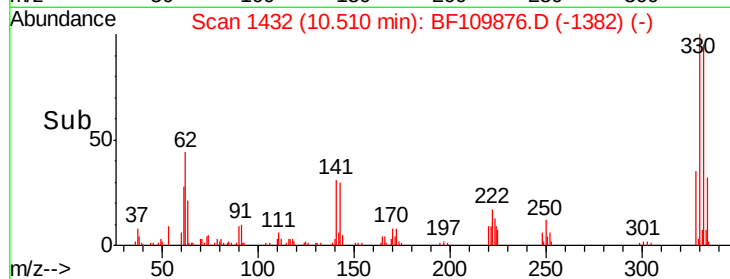
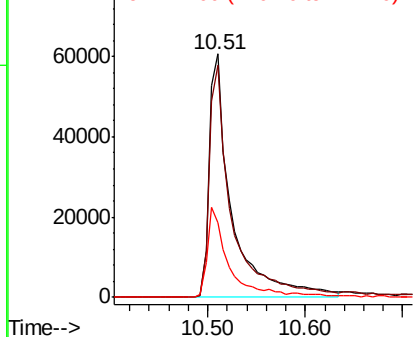


Abundance

Ion 329.80 (329.50 to 330.50): E

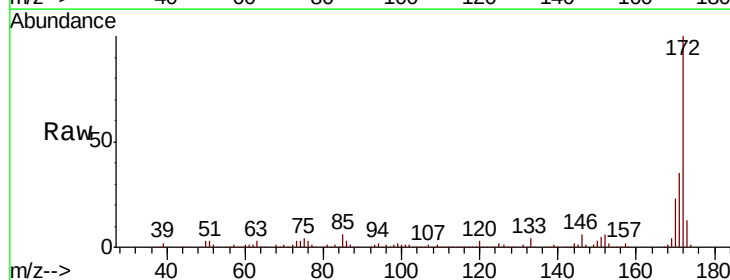
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.273 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109876.D
 Acq: 13 Oct 2018 10:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.4	19.7	29.5

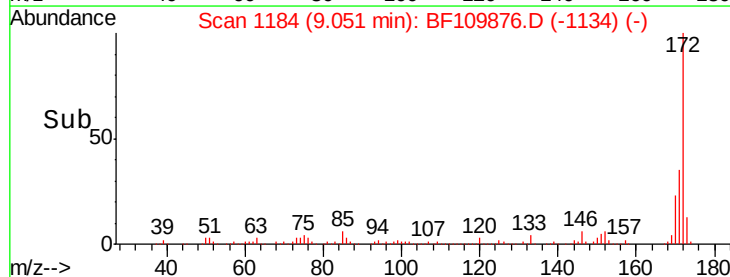
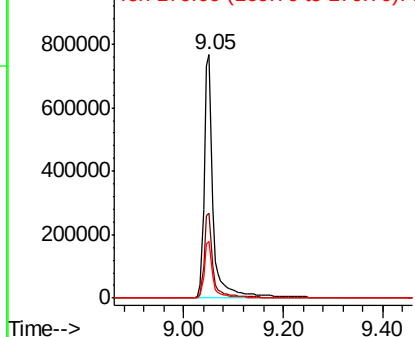


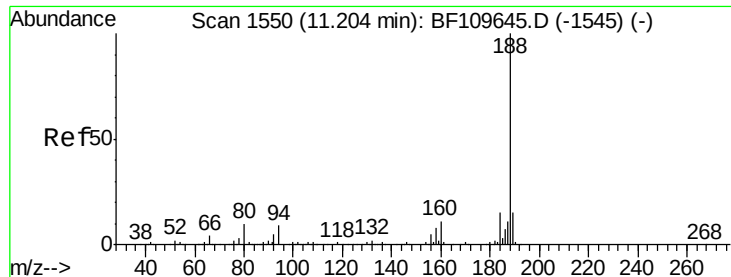
Abundance

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

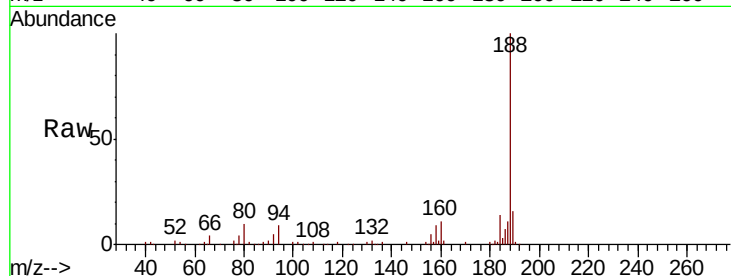




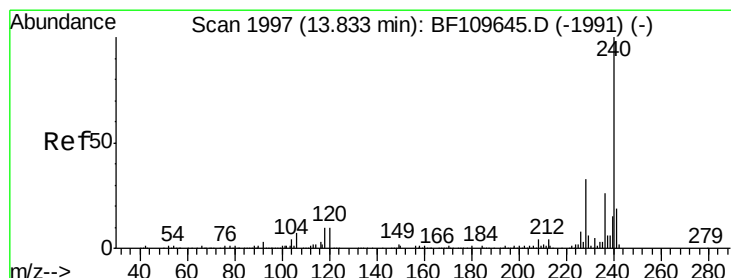
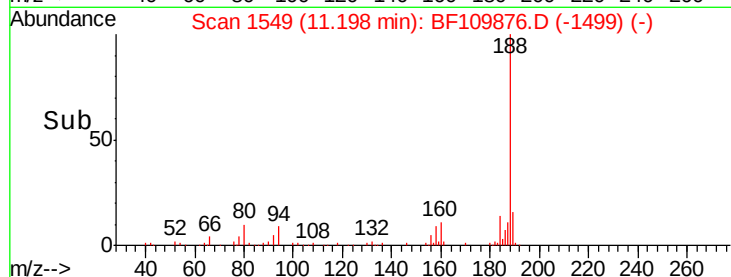
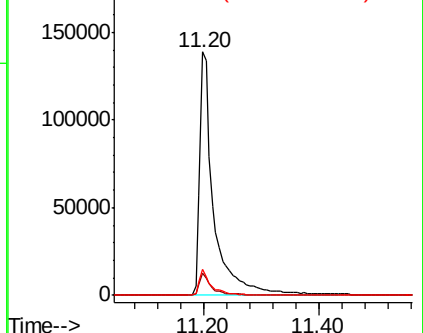
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109876.D
Acq: 13 Oct 2018 10:59

Instrument :
BNA_F
ClientSampleId :
PB113650BL

Tot Ion:188 Resp: 239096
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.4 7.9 11.9

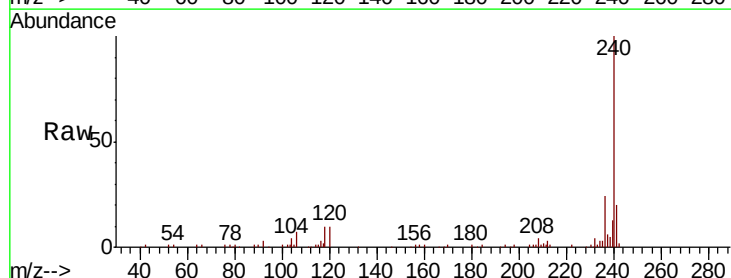


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

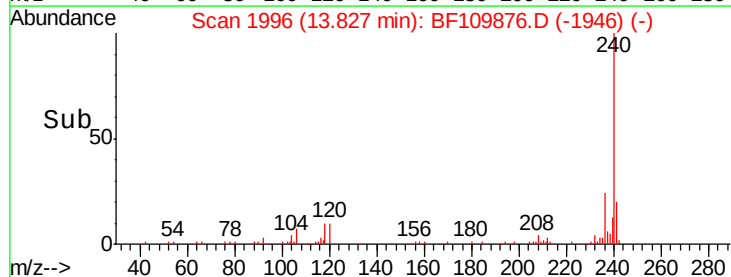
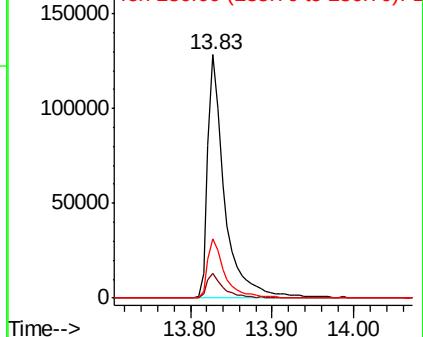


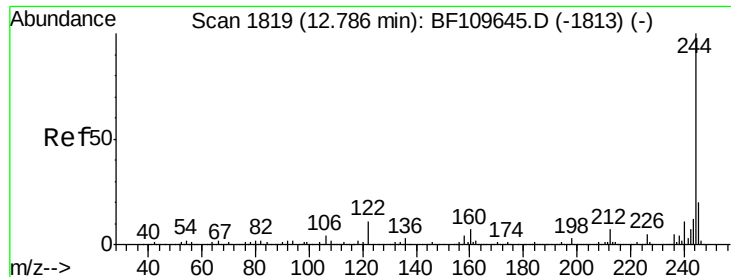
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109876.D
Acq: 13 Oct 2018 10:59

Tgt Ion:240 Resp: 185664
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 24.3 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: 69.694 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109876.D

Acq: 13 Oct 2018 10:59

Instrument :

BNA_F

ClientSampleId :

PB113650BL

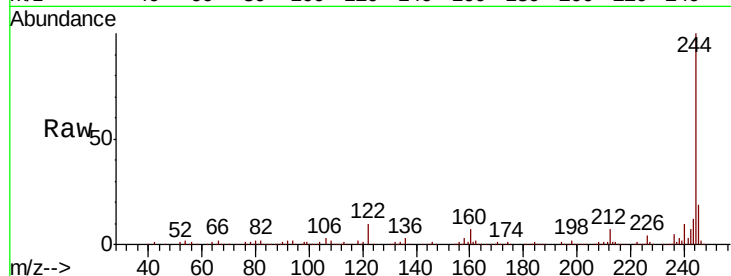
Tot Ion:244 Resp: 668425

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.7 8.7 13.1

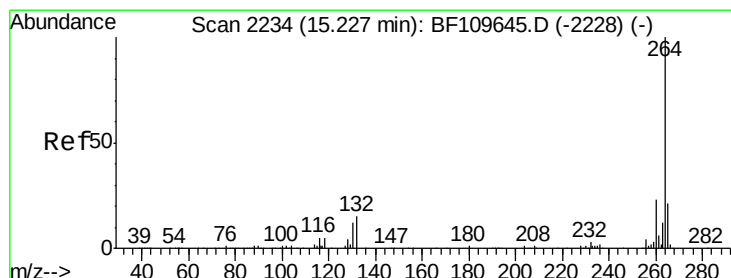
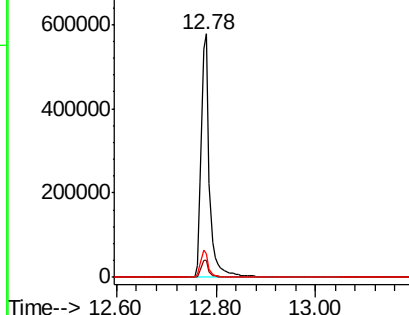
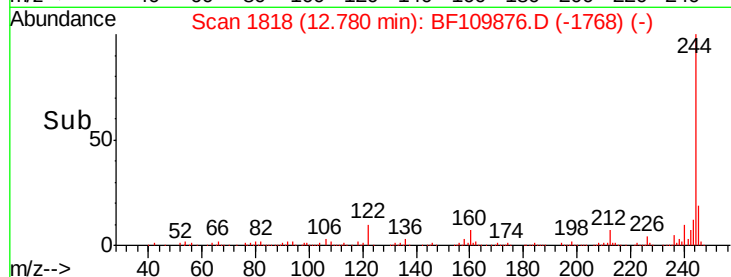


Abundance

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: BF109876.D

Acq: 13 Oct 2018 10:59

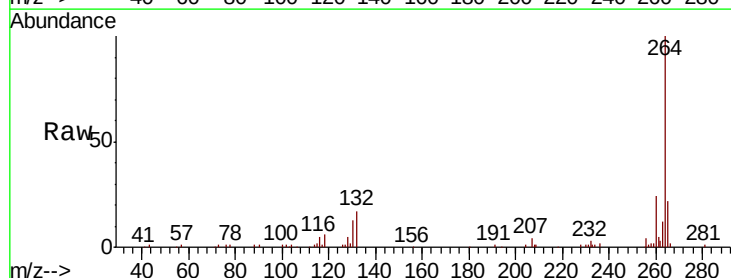
Tgt Ion:264 Resp: 139725

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.6 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

