

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109869.D
 Acq On : 13 Oct 2018 7:47
 Operator : JU/SJ
 Sample : J5444-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-D-S

Quant Time: Oct 15 01:41:55 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

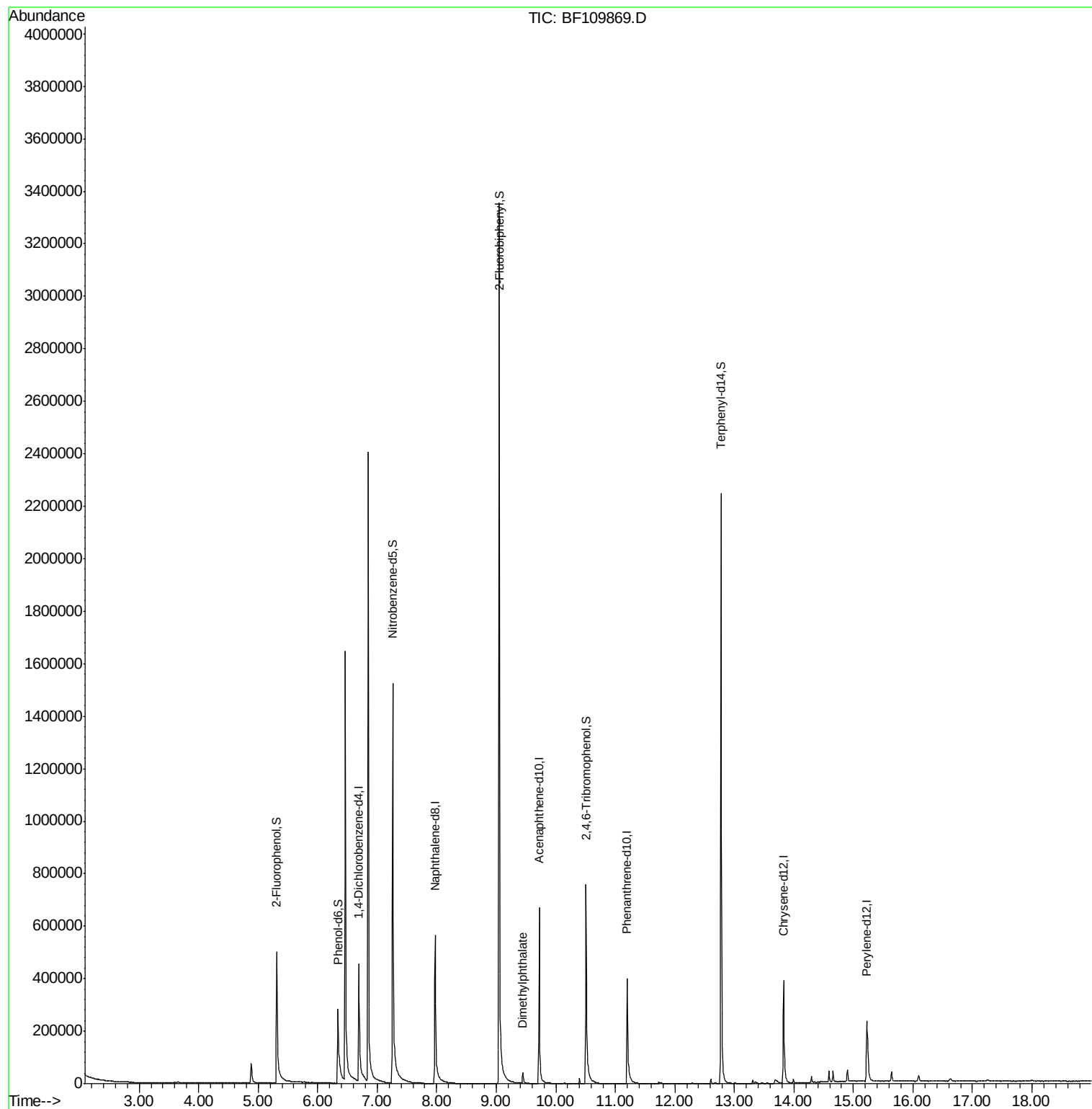
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	98549	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	401411	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	167004	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	251957	20.00	ng	0.00
75) Chrysene-d12	13.83	240	206478	20.00	ng	0.00
86) Perylene-d12	15.23	264	156929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	232640	41.90	ng	-0.01
7) Phenol-d6	6.34	99	216471	29.19	ng	-0.02
23) Nitrobenzene-d5	7.26	82	754990	103.68	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	144745	79.54	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1259437	103.86	ng	0.00
78) Terphenyl-d14	12.78	244	853842	80.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	27409	2.238	ng	Qvalue 99

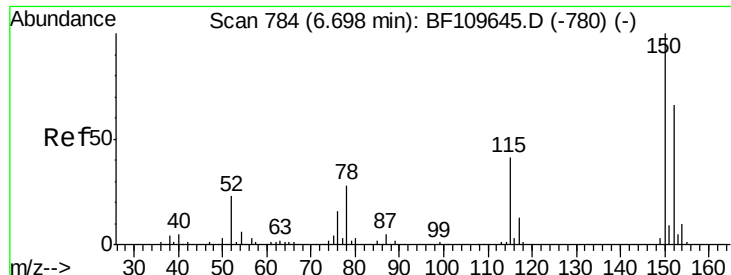
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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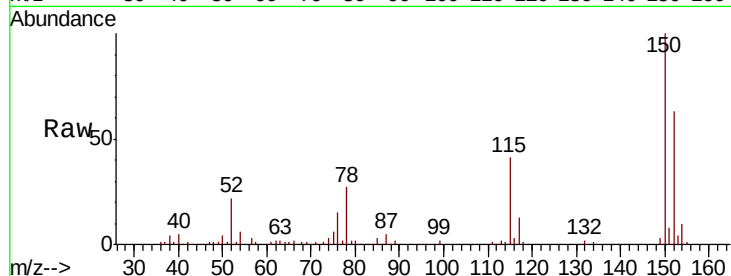


#1

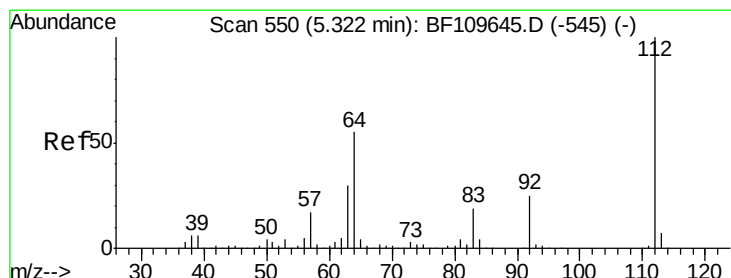
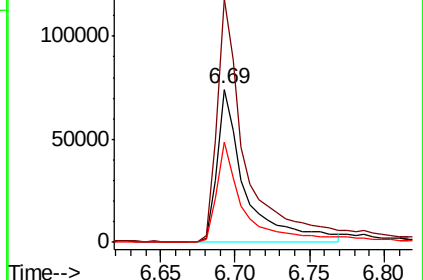
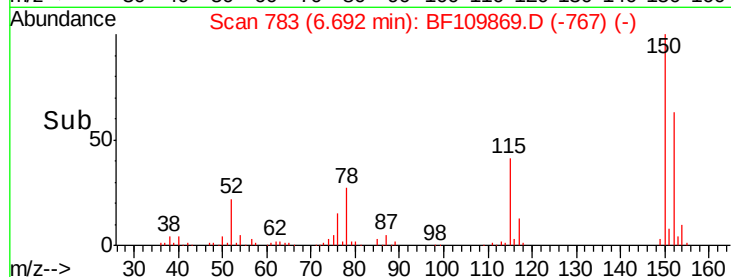
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109869.D
Acq: 13 Oct 2018 7:47

Instrument :
BNA_F
ClientSampleId :
101018-TIPC-F-D-S

Tot Ion:152 Resp: 98549
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 65.2 49.1 73.7



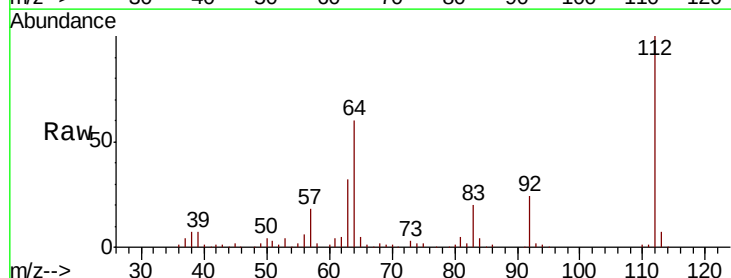
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



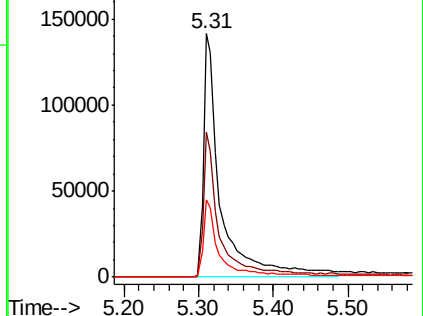
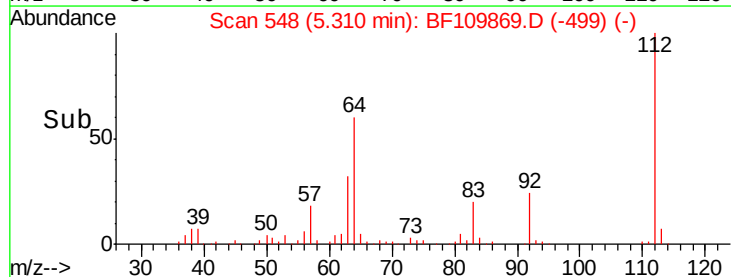
#5

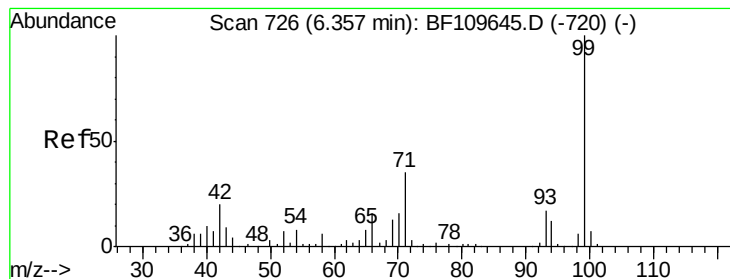
2-Fluorophenol
Concen: 41.902 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109869.D
Acq: 13 Oct 2018 7:47

Tgt Ion:112 Resp: 232640
Ion Ratio Lower Upper
112 100
64 59.8 44.1 66.1
63 32.0 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: 29.187 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109869.D

Acq: 13 Oct 2018 7:47

Instrument :

BNA_F

ClientSampleId :

101018-TIPC-F-D-S

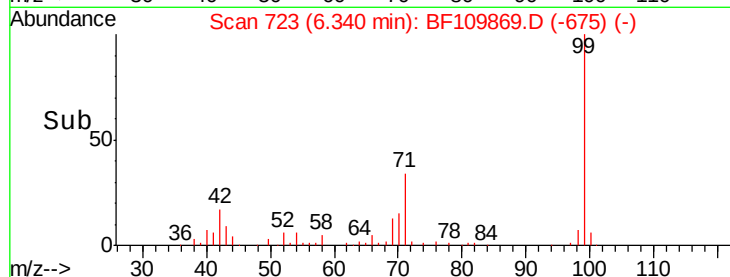
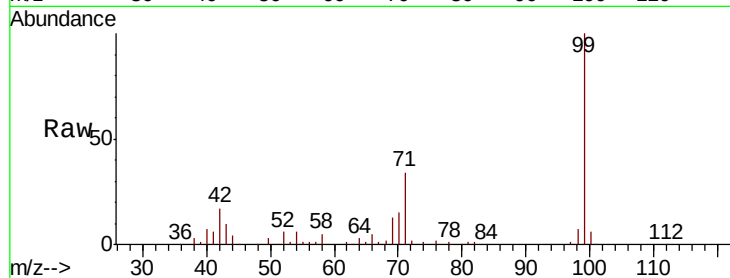
Tot Ion: 99 Resp: 216471

Ion Ratio Lower Upper

99 100

42 17.2 15.8 23.6

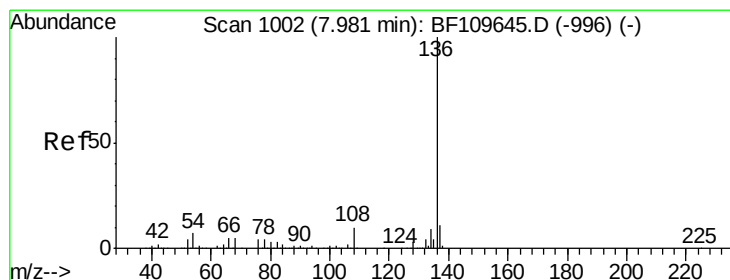
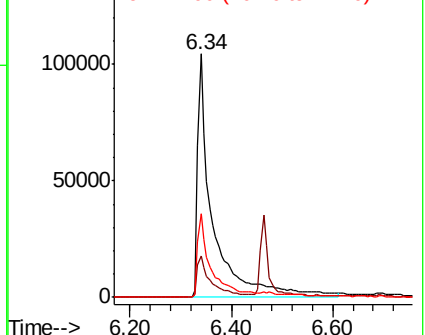
71 34.3 28.0 42.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109869.D

Acq: 13 Oct 2018 7:47

Tgt Ion: 136 Resp: 401411

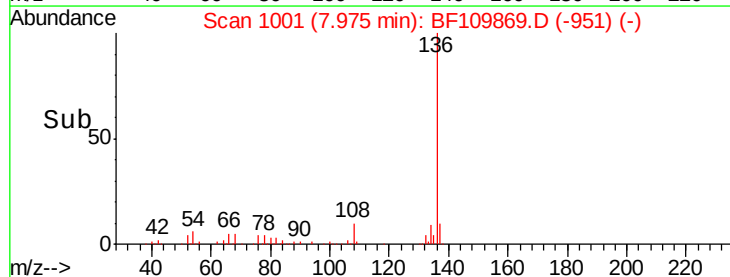
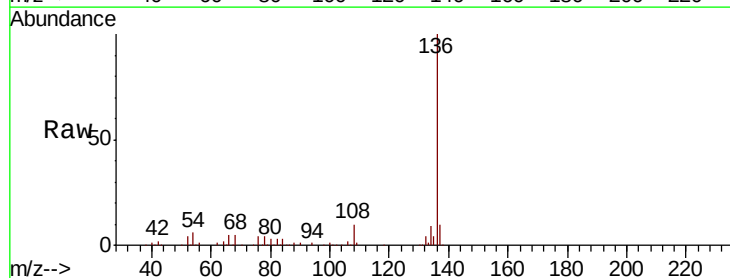
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.3 5.4 8.2

68 4.6 4.2 6.2

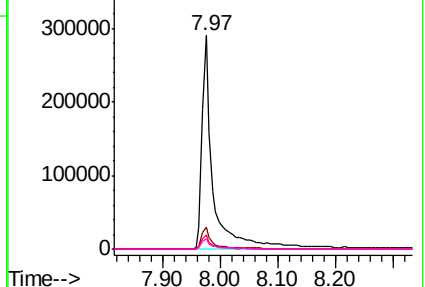


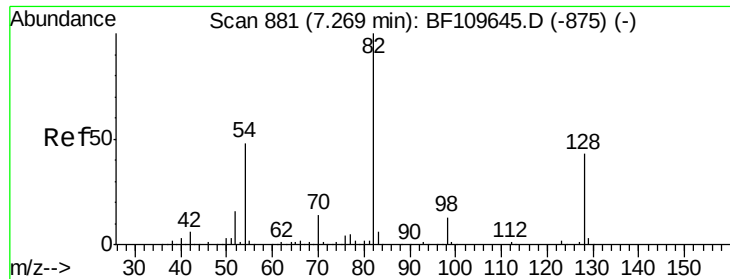
Abundance Ion 136.00 (135.70 to 136.70): E

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

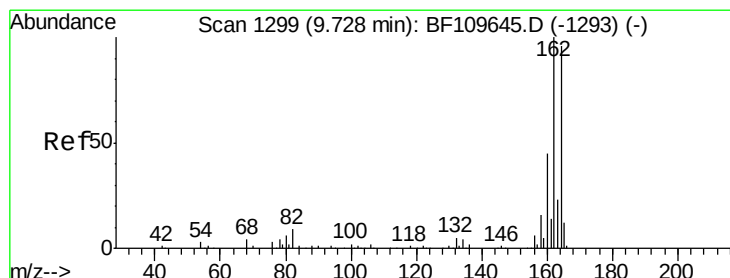
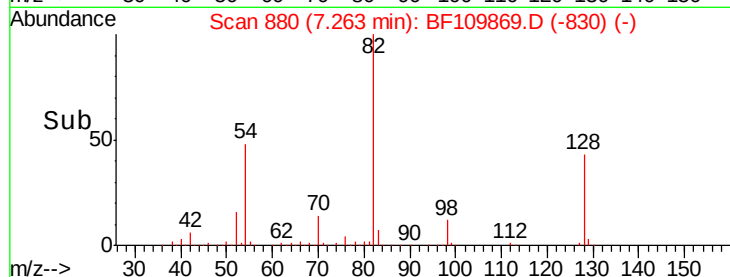
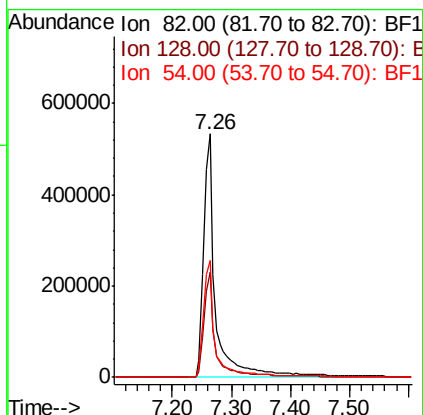
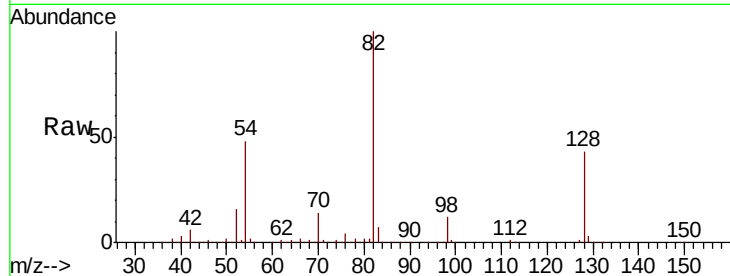




#23
 Nitrobenzene-d5
 Concen: 103.678 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109869.D
 Acq: 13 Oct 2018 7:47

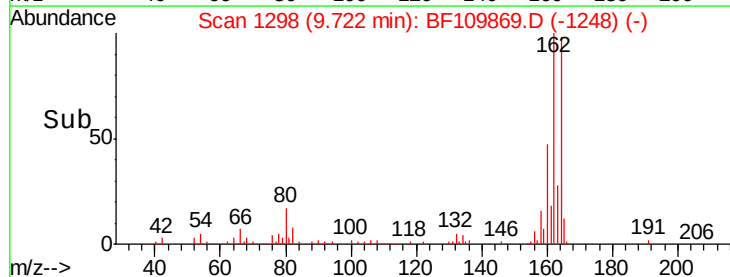
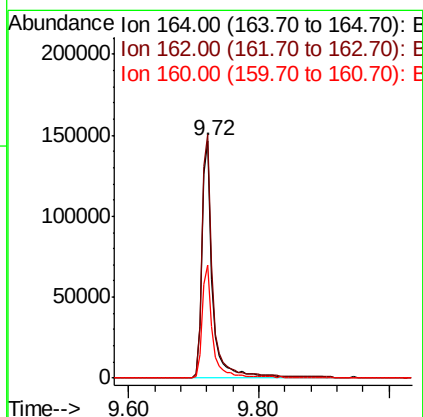
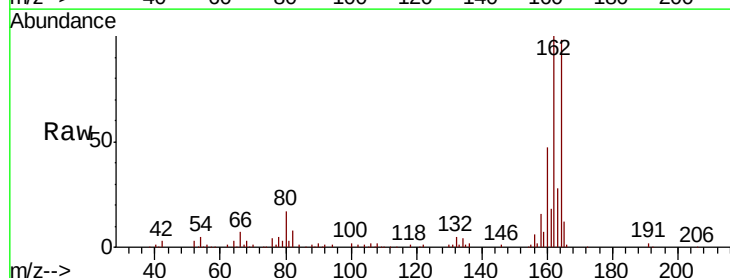
Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-D-S

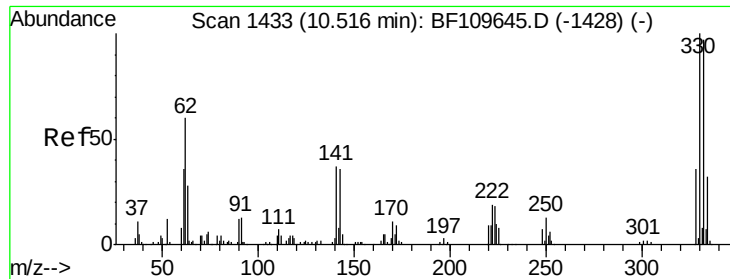
Tot Ion	82	Resp	754990
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.2	51.2
54	47.8	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109869.D
 Acq: 13 Oct 2018 7:47

Tgt Ion	164	Resp	167004
Ion Ratio	Lower	Upper	
164	100		
162	102.4	83.0	124.6
160	47.7	37.0	55.6

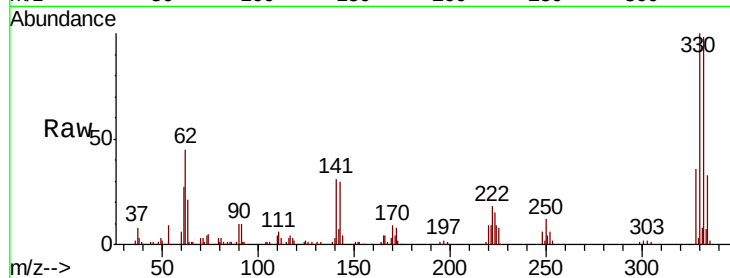




#41
 2,4,6-Tribromophenol
 Concen: 79.544 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109869.D
 Acq: 13 Oct 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	35.4	27.0	40.4

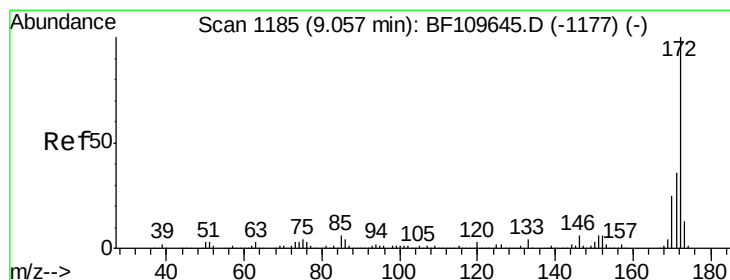
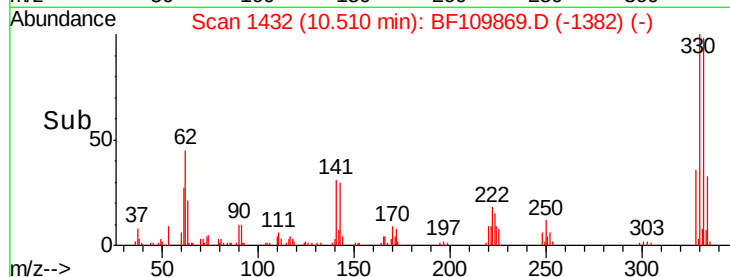
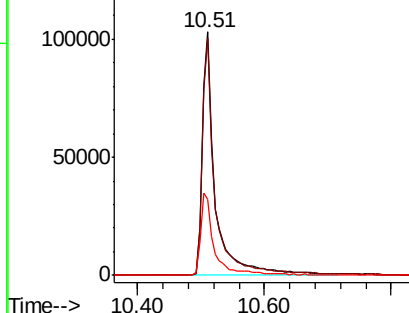


Abundance

Ion 329.80 (329.50 to 330.50): E

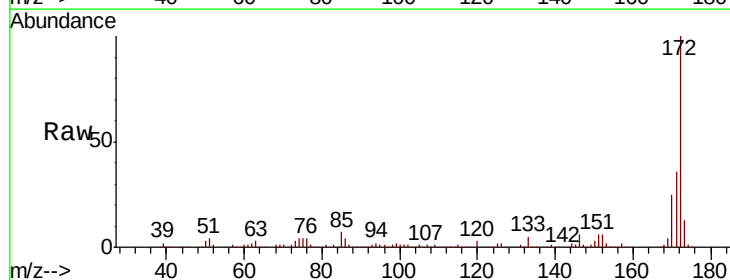
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.864 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109869.D
 Acq: 13 Oct 2018 7:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.6	19.7	29.5

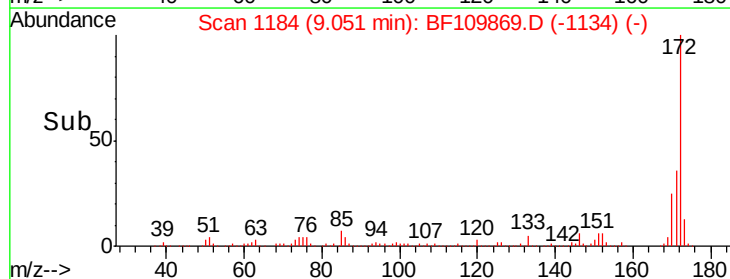
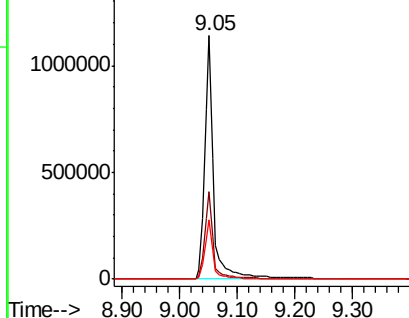


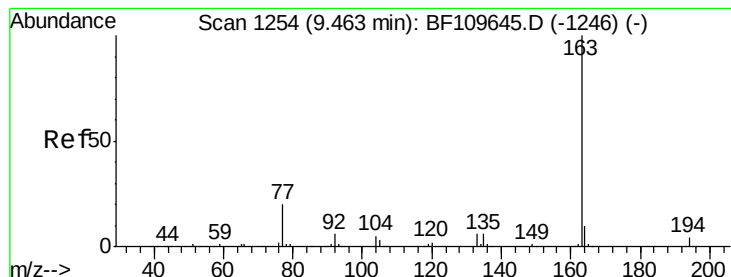
Abundance

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: 2.238 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109869.D

Acq: 13 Oct 2018 7:47

Instrument :

BNA_F

ClientSampleId :

101018-TIPC-F-D-S

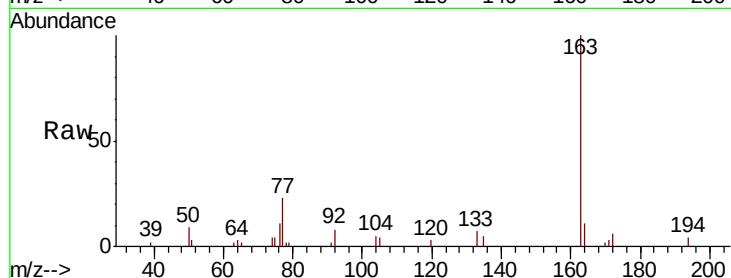
Tot Ion:163 Resp: 27409

Ion Ratio Lower Upper

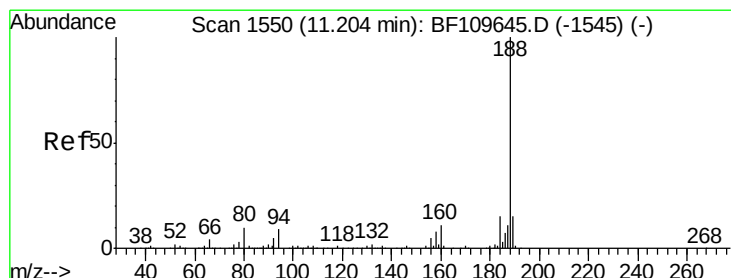
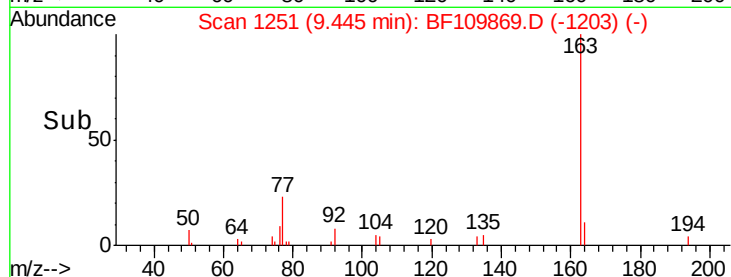
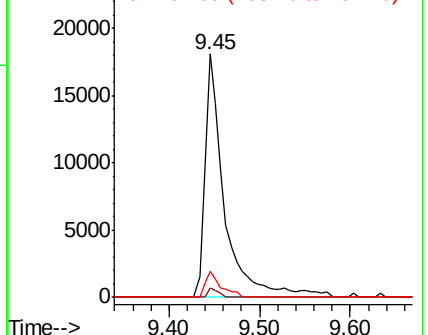
163 100

194 4.0 3.2 4.8

164 10.7 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109869.D

Acq: 13 Oct 2018 7:47

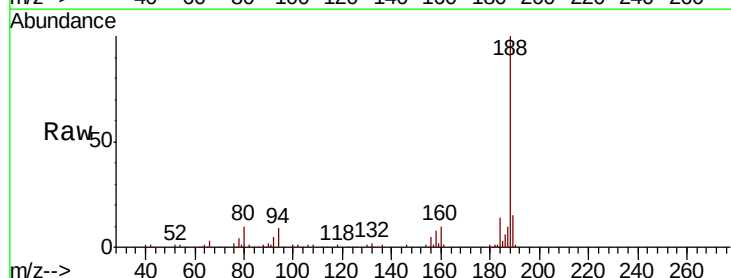
Tgt Ion:188 Resp: 251957

Ion Ratio Lower Upper

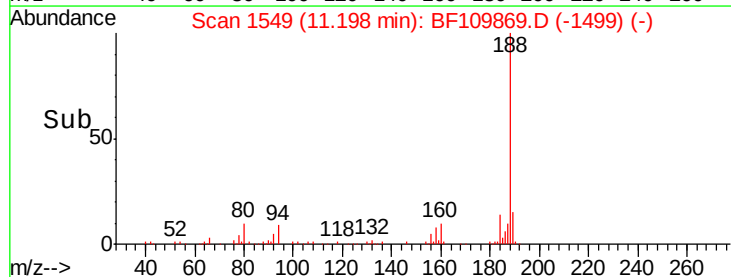
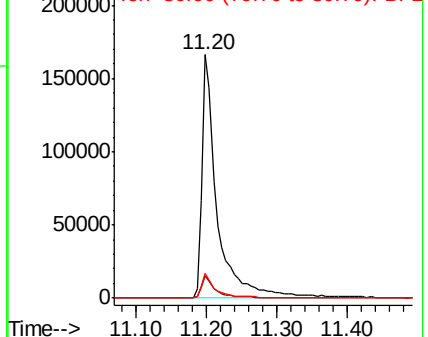
188 100

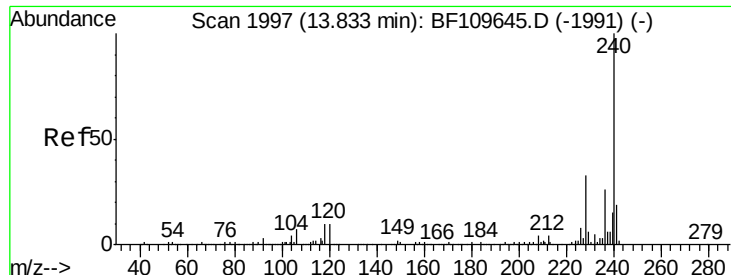
94 9.1 7.2 10.8

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109869.D

Acq: 13 Oct 2018 7:47

Instrument :

BNA_F

ClientSampleId :

101018-TIPC-F-D-S

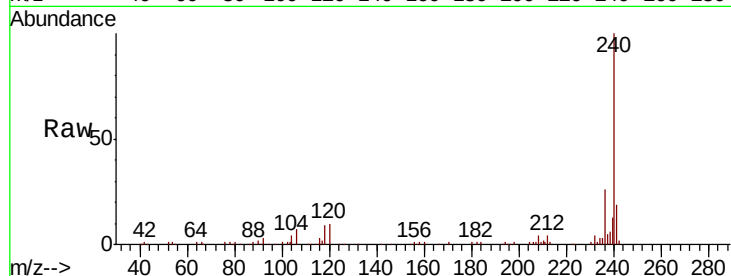
Tot Ion:240 Resp: 206478

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

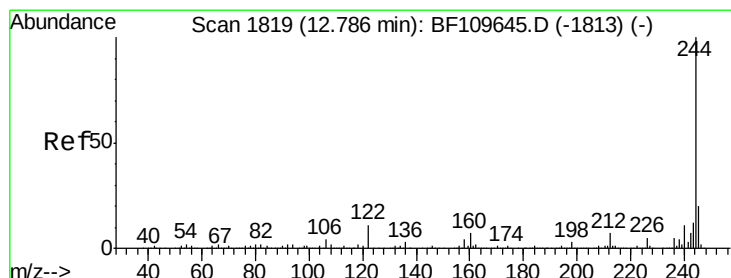
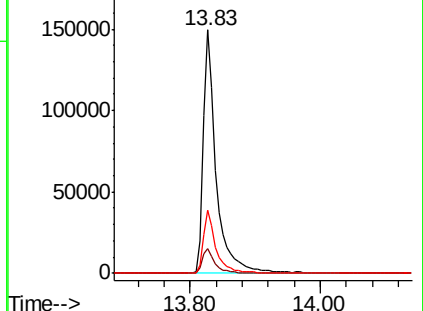
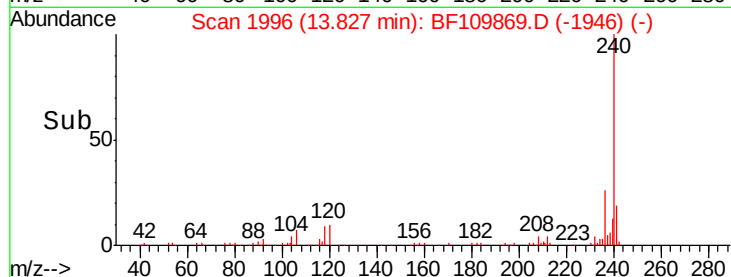
236 25.8 21.2 31.8



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: 80.052 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109869.D

Acq: 13 Oct 2018 7:47

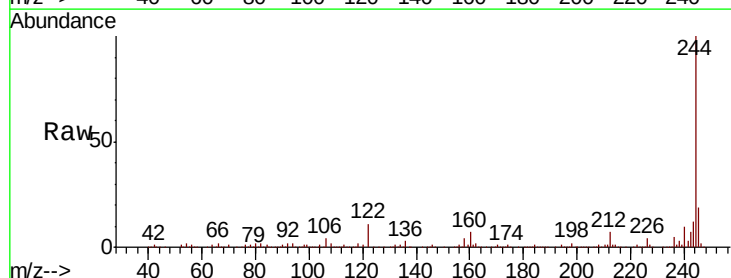
Tgt Ion:244 Resp: 853842

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

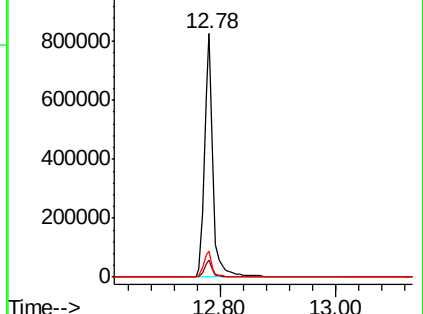
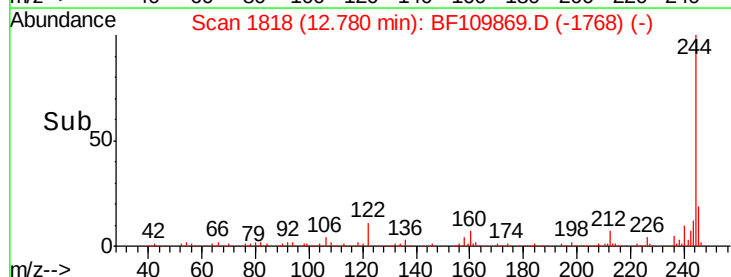
122 10.9 8.7 13.1

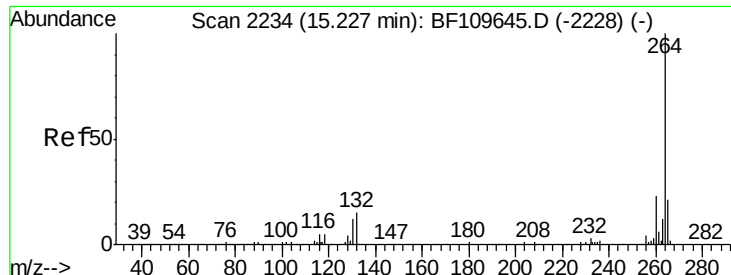


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109869.D
Acq: 13 Oct 2018 7:47

Instrument :
BNA_F
ClientSampleId :
101018-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	20.7	16.7	25.1

