

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109685.D
 Acq On : 9 Oct 2018 9:19
 Operator : JU/SJ
 Sample : J5309-17 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-25

Quant Time: Oct 09 11:12:09 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

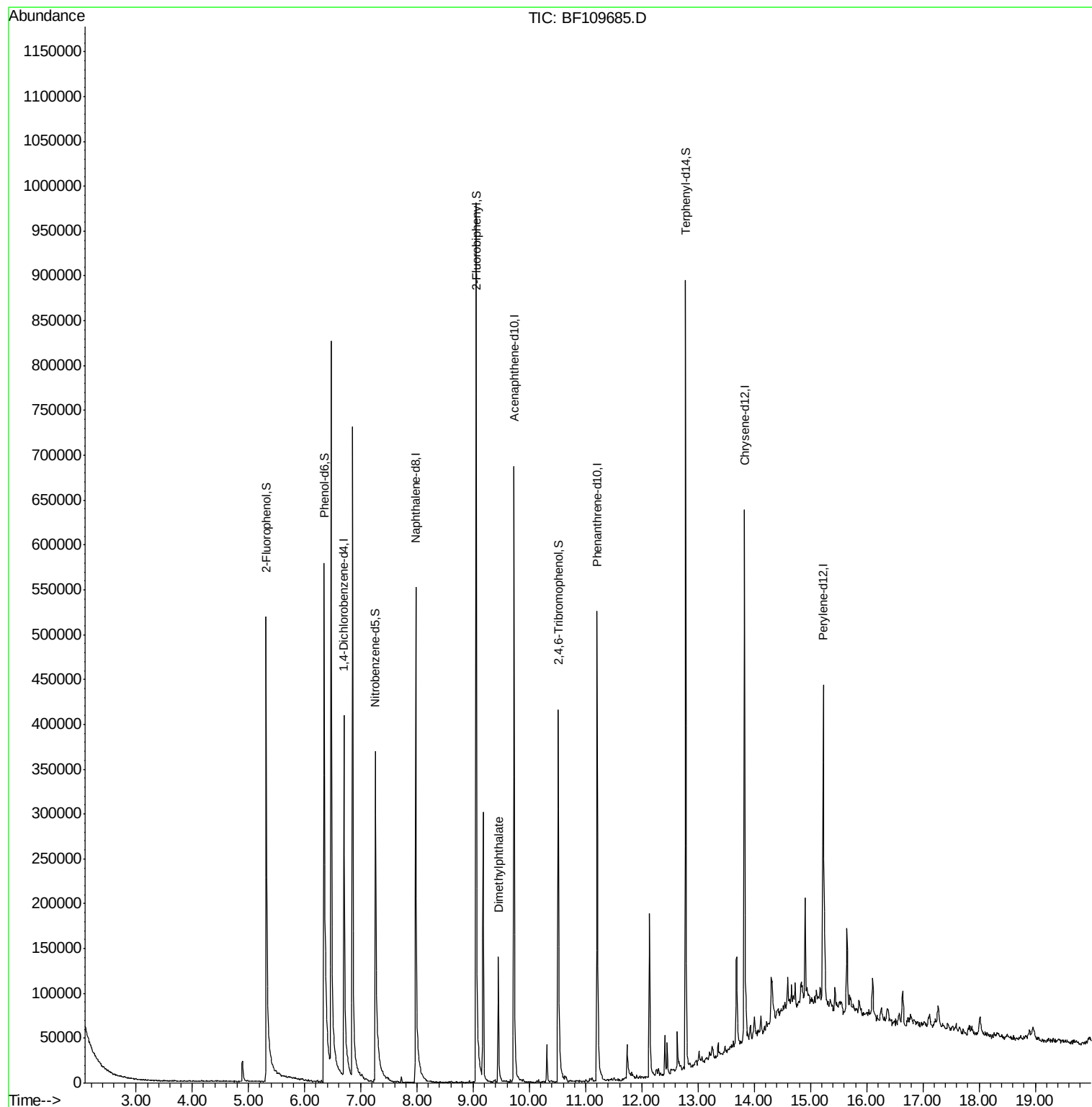
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	95967	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	378425	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	154914	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	269172	20.00	ng	0.00
75) Chrysene-d12	13.83	240	222935	20.00	ng	0.00
86) Perylene-d12	15.23	264	184207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	257460	47.62	ng	0.00
7) Phenol-d6	6.35	99	379102	52.49	ng	-0.01
23) Nitrobenzene-d5	7.26	82	234258	34.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	73030	43.27	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	418069	37.17	ng	0.00
78) Terphenyl-d14	12.78	244	338312	29.38	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	72988	6.424	ng	99

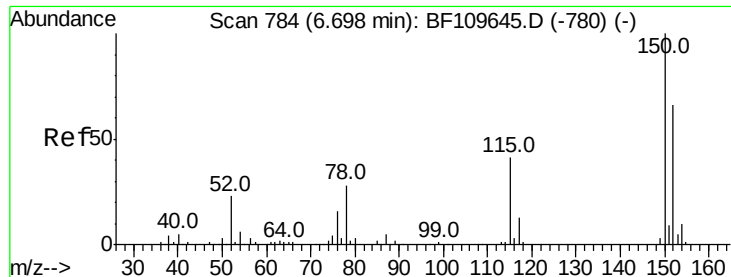
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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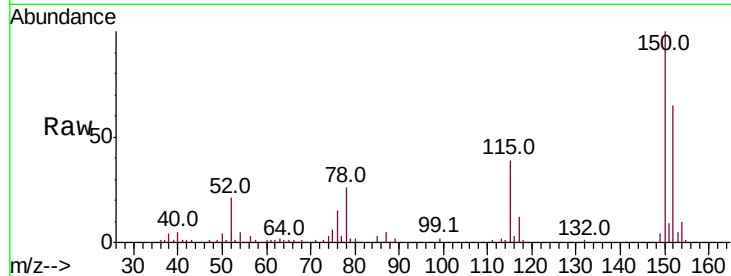


#1

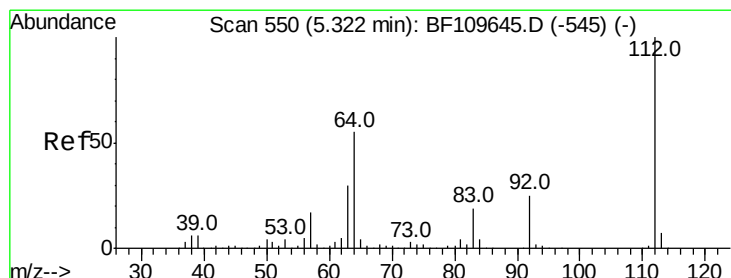
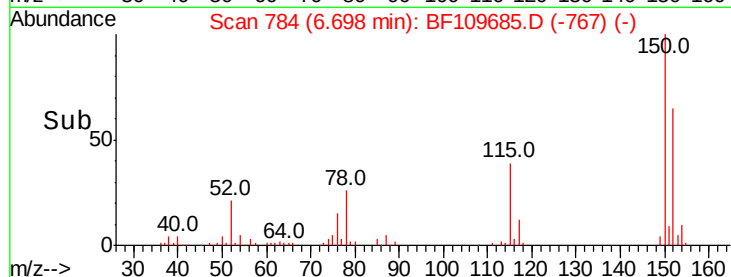
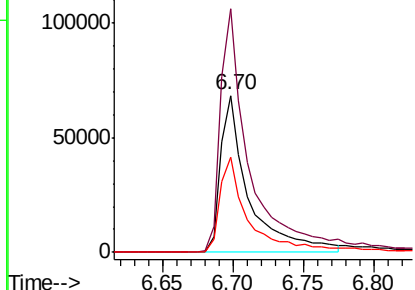
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 S-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	60.5	49.1	73.7



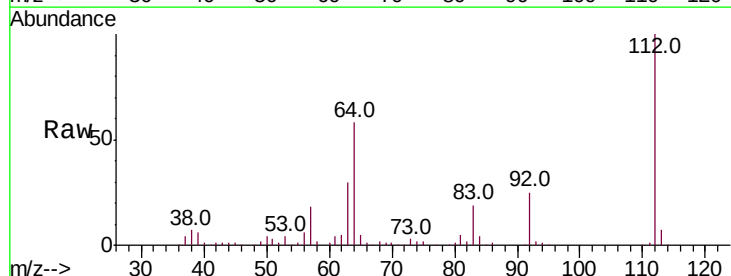
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



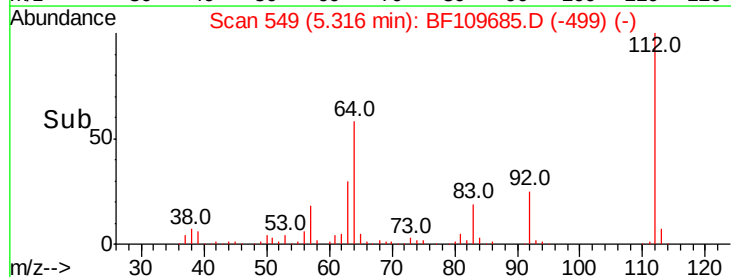
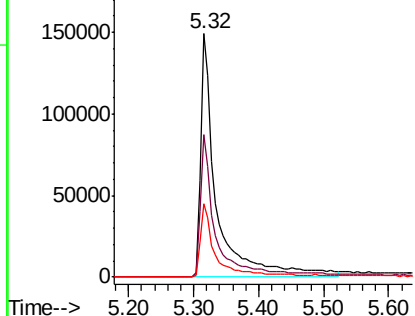
#5

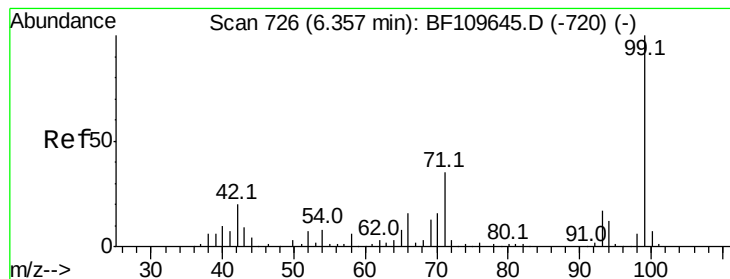
2-Fluorophenol
 Concen: 47.620 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.2	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: 52.489 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

Instrument :

BNA_F

ClientSampled :

S-25

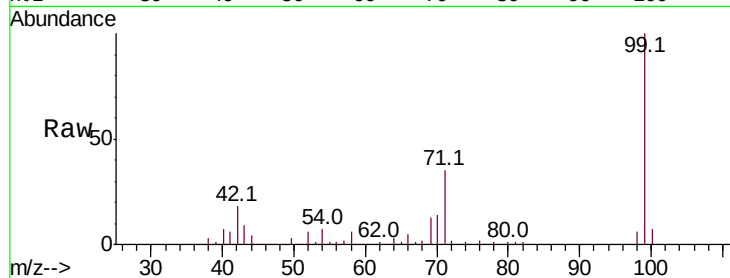
Tot Ion: 99 Resp: 379102

Ion Ratio Lower Upper

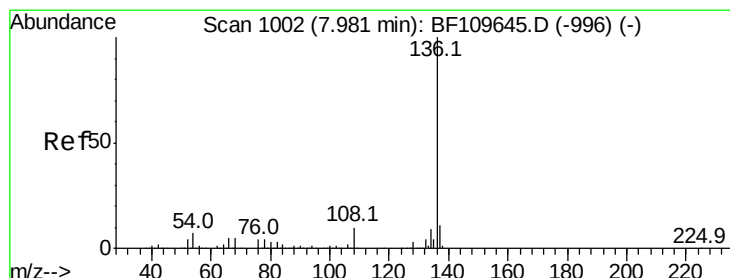
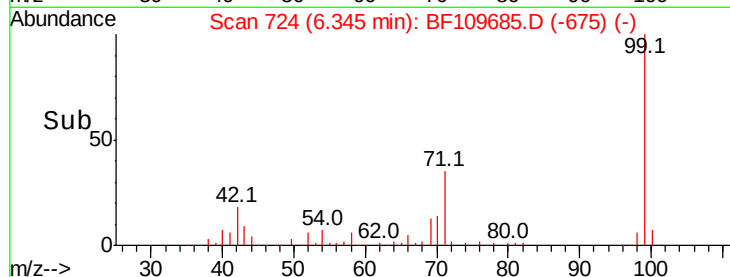
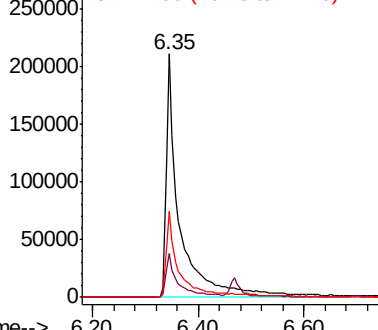
99 100

42 18.2 15.8 23.6

71 35.2 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: BF109685.D

Acq: 9 Oct 2018 9:19

Tgt Ion: 136 Resp: 378425

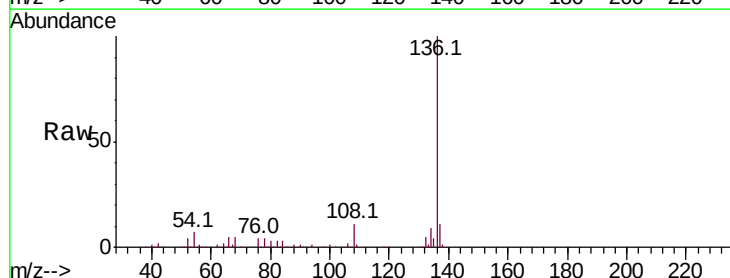
Ion Ratio Lower Upper

136 100

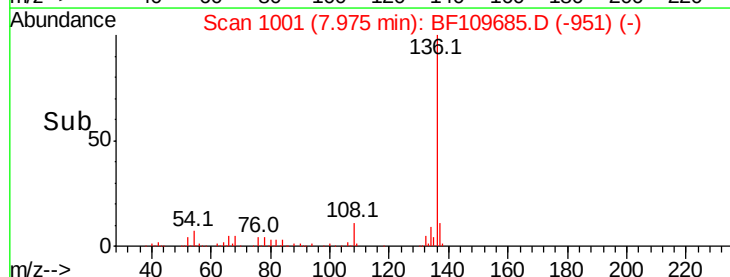
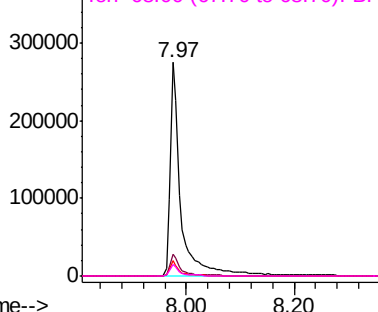
137 10.5 8.8 13.2

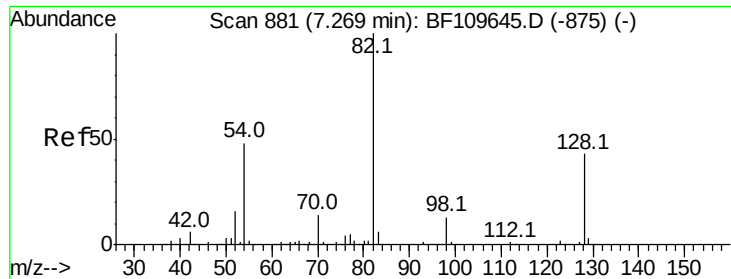
54 7.1 5.4 8.2

68 5.5 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

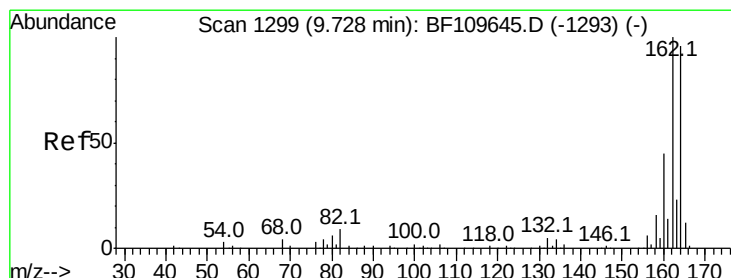
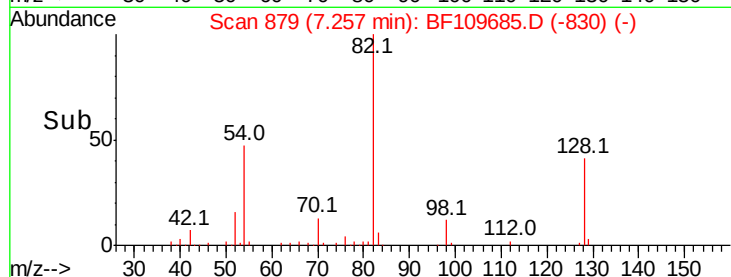
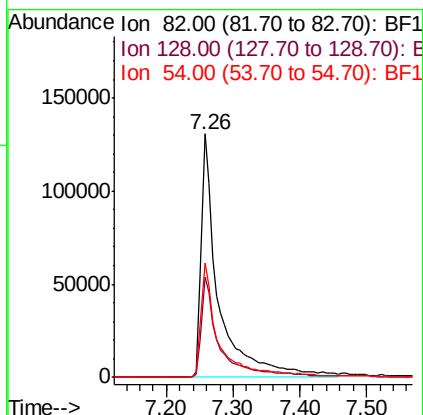
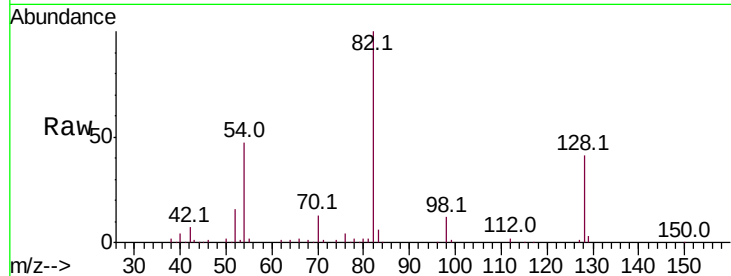




#23
 Nitrobenzene-d5
 Concen: 34.123 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

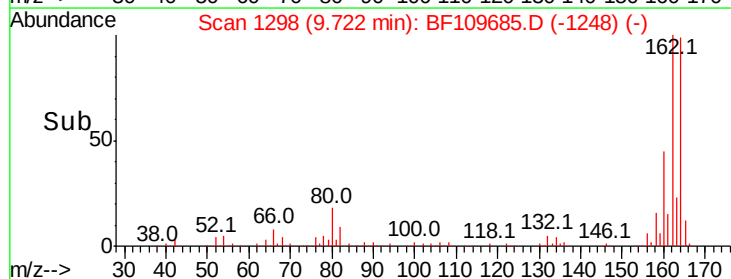
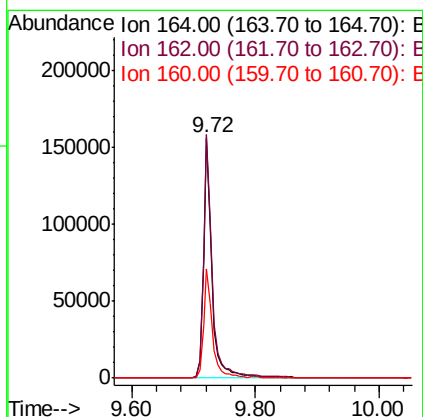
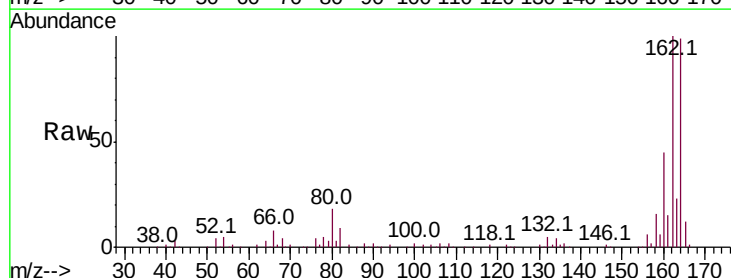
Instrument :
 BNA_F
 ClientSampleId :
 S-25

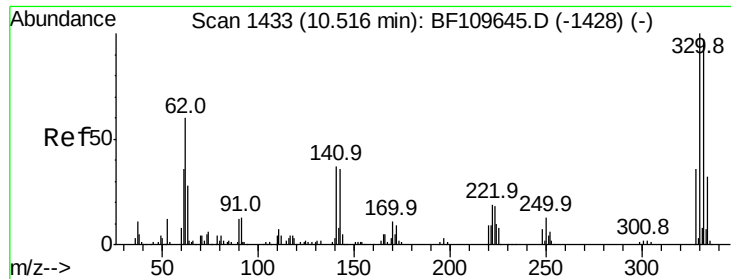
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.2	51.2
54	47.2	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.0	124.6
160	45.7	37.0	55.6

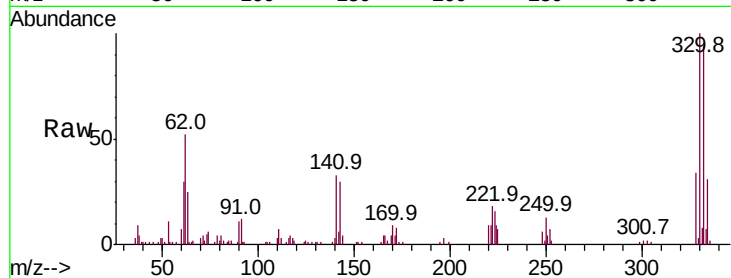




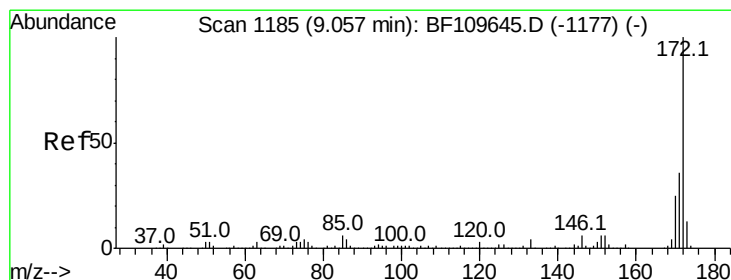
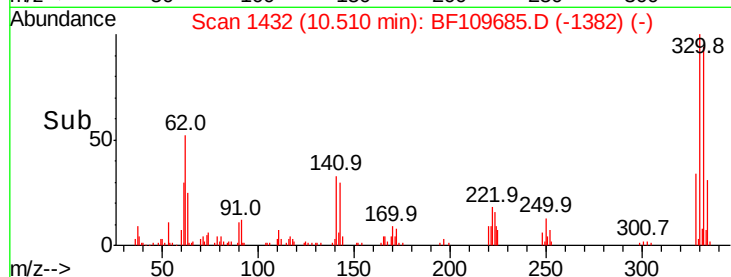
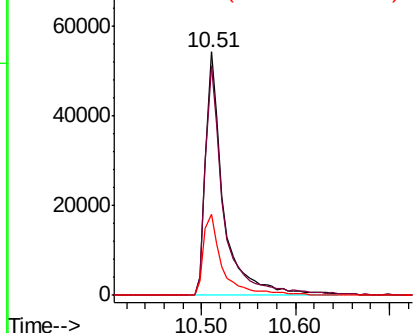
#41
 2,4,6-Tribromophenol
 Concen: 43.265 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

Instrument :
 BNA_F
 ClientSampled :
 S-25

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	34.8	27.0	40.4

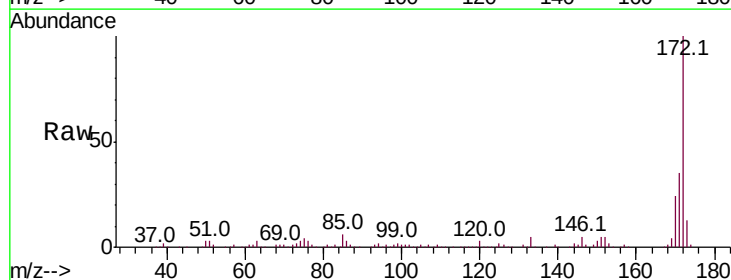


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

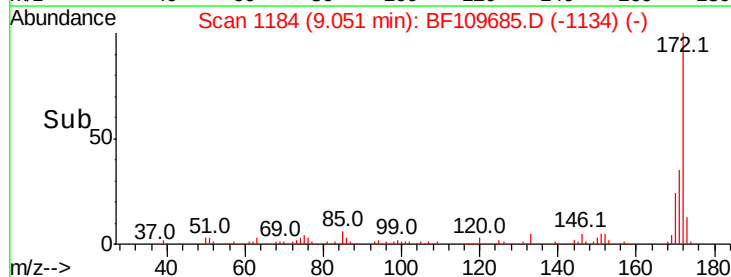
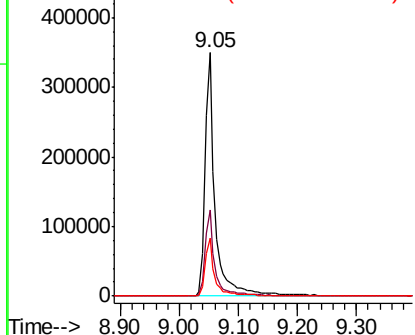


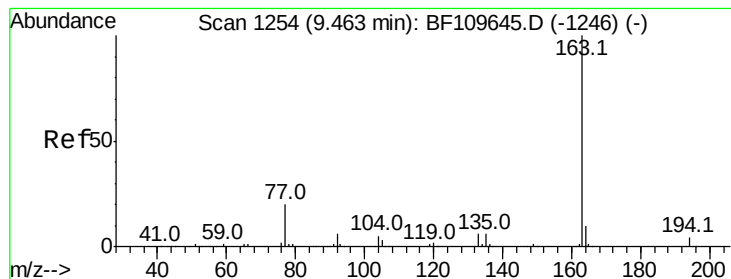
#44
 2-Fluorobiphenyl
 Concen: 37.168 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.7	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: 6.424 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

Instrument :

BNA_F

ClientSampleId :

S-25

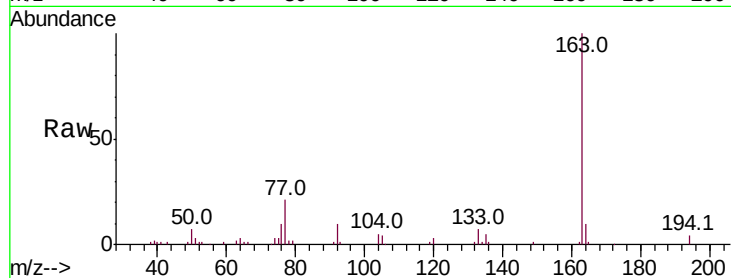
Tot Ion:163 Resp: 72988

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

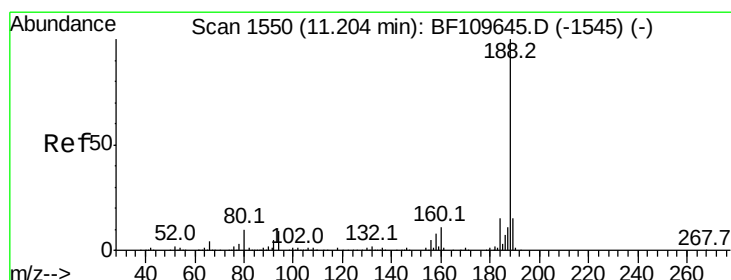
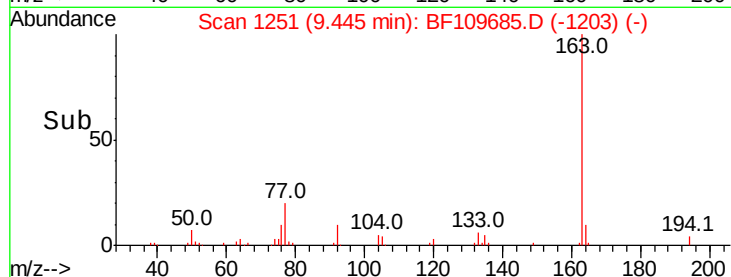
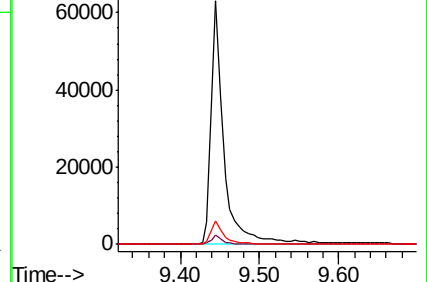
164 9.6 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

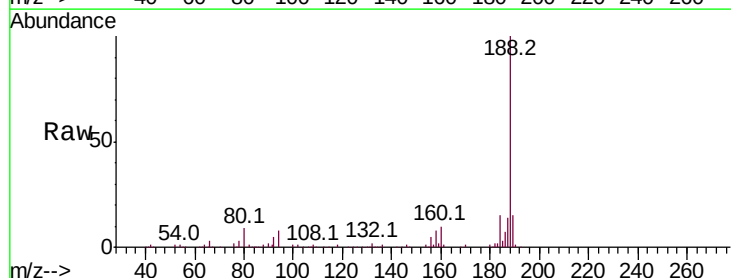
Tgt Ion:188 Resp: 269172

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

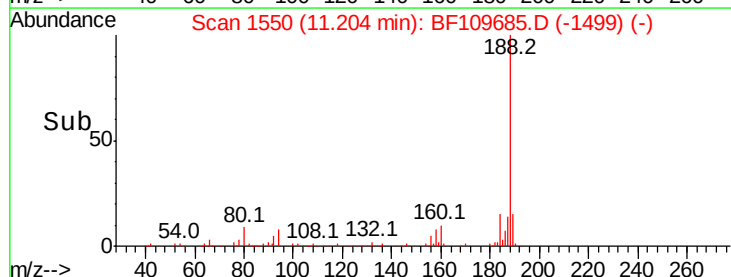
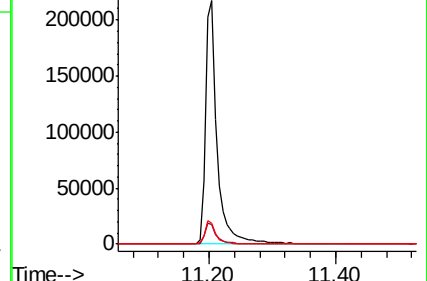
80 8.7 7.9 11.9

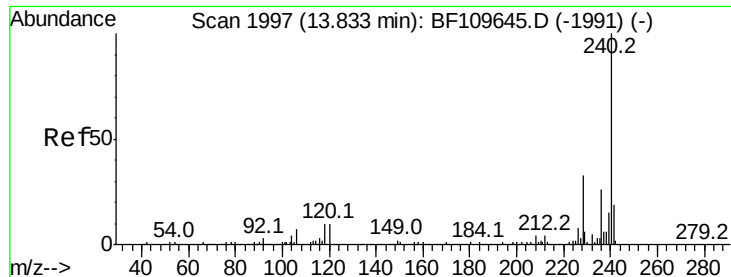


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF109685.D

Acq: 9 Oct 2018 9:19

Instrument :

BNA_F

ClientSampleId :

S-25

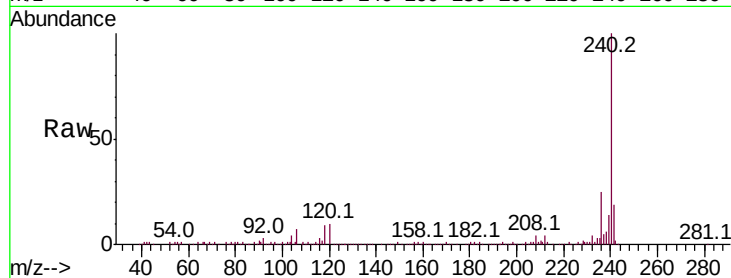
Tot Ion:240 Resp: 222935

Ion Ratio Lower Upper

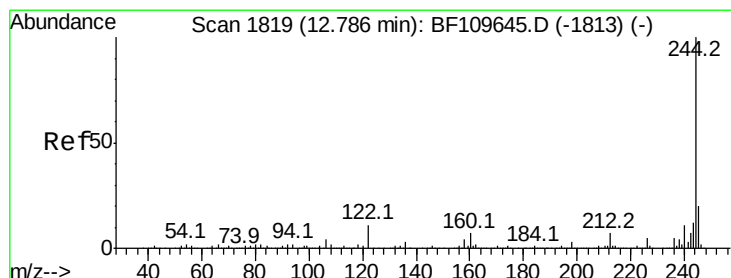
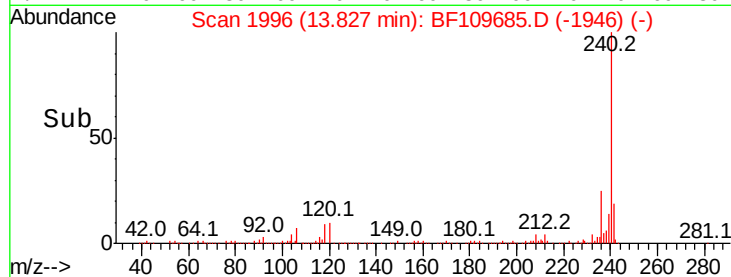
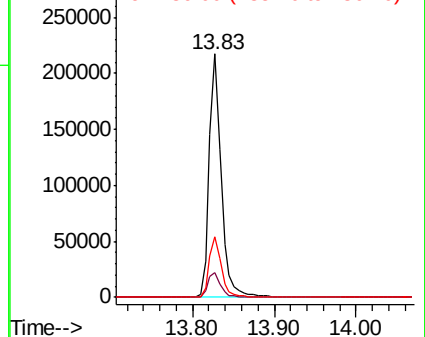
240 100

120 10.3 8.3 12.5

236 25.1 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: 29.377 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

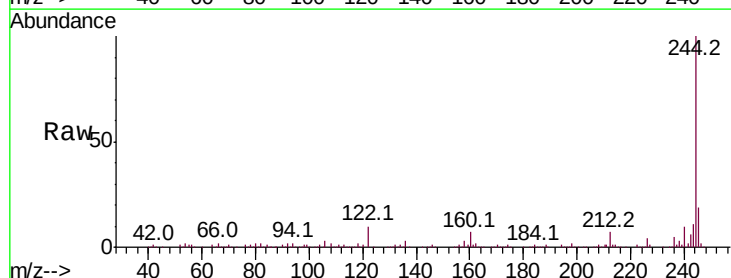
Tgt Ion:244 Resp: 338312

Ion Ratio Lower Upper

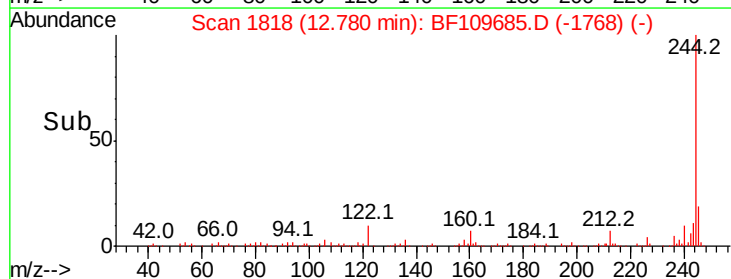
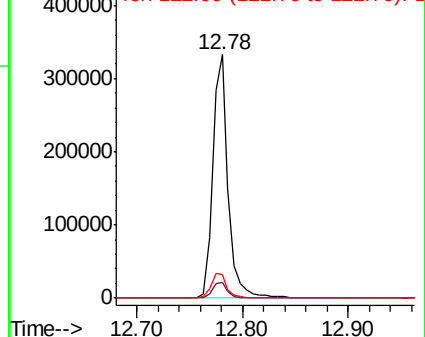
244 100

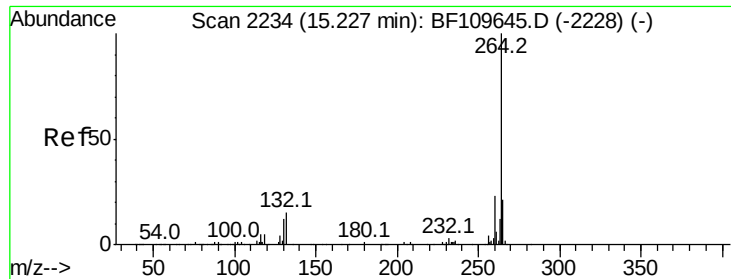
212 6.6 5.8 8.8

122 9.8 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: BF109685.D
 Acq: 9 Oct 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.5	16.7	25.1

