

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109696.D
 Acq On : 9 Oct 2018 15:46
 Operator : JU/SJ
 Sample : PB113600BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BL

Quant Time: Oct 09 16:20:46 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	100249	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	424692	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	213720	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	442946	20.00	ng	0.00
75) Chrysene-d12	13.83	240	373354	20.00	ng	0.00
86) Perylene-d12	15.23	264	323719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	719287	127.36	ng	0.01
7) Phenol-d6	6.35	99	981977	130.15	ng	0.00
23) Nitrobenzene-d5	7.26	82	644618	83.67	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	285999	122.81	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1214438	78.26	ng	0.00
78) Terphenyl-d14	12.79	244	1279100	66.32	ng	0.00

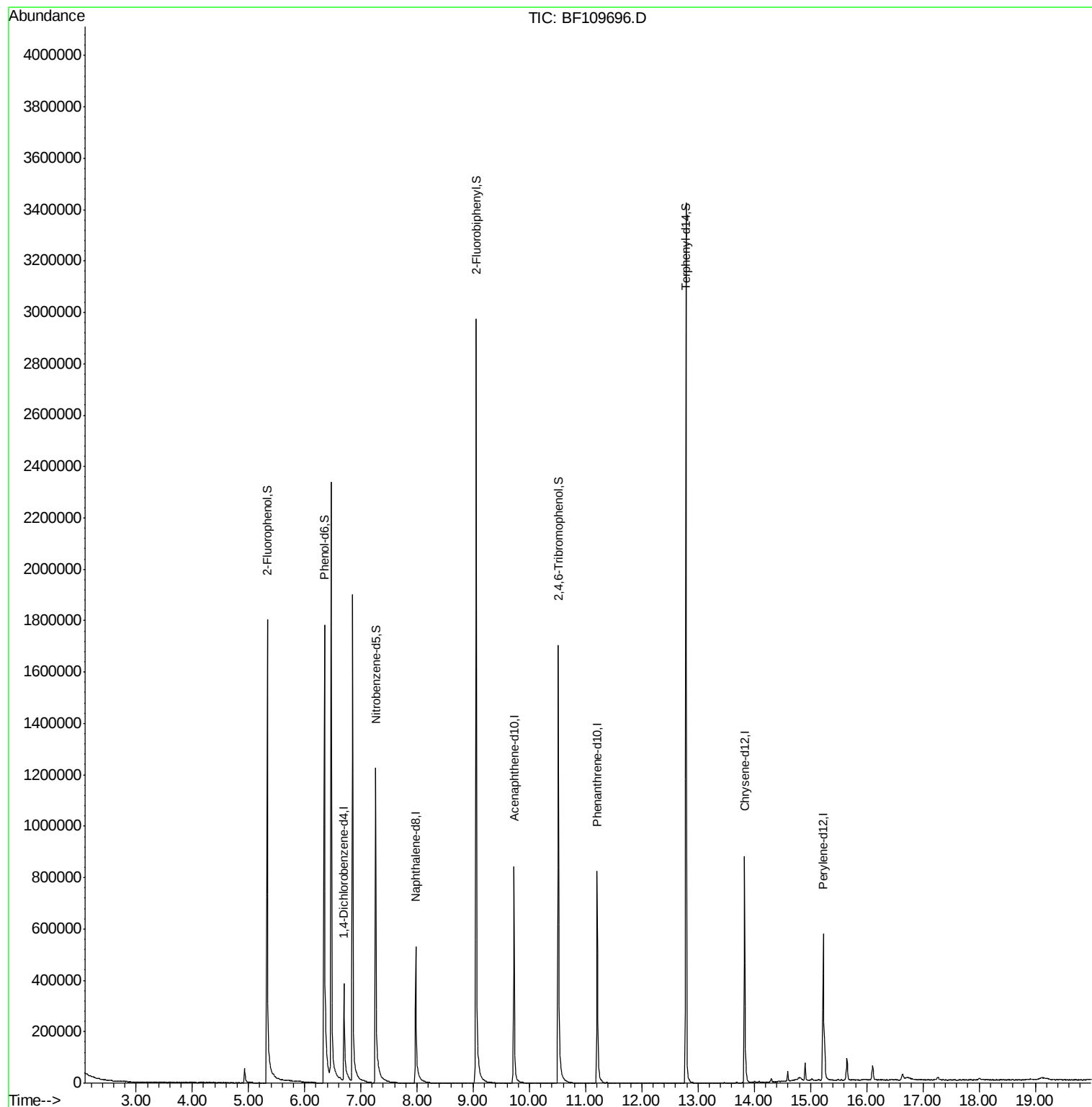
Target Compounds Qvalue

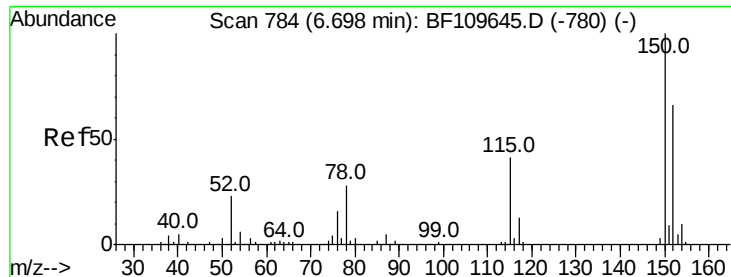
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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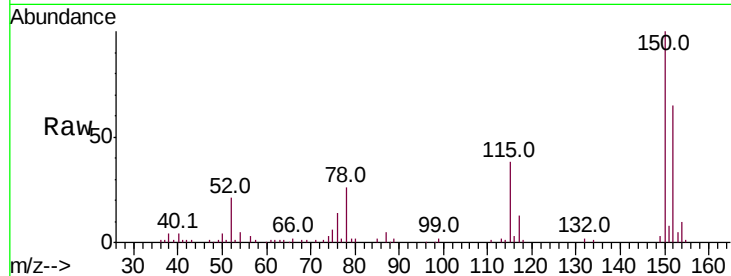


#1

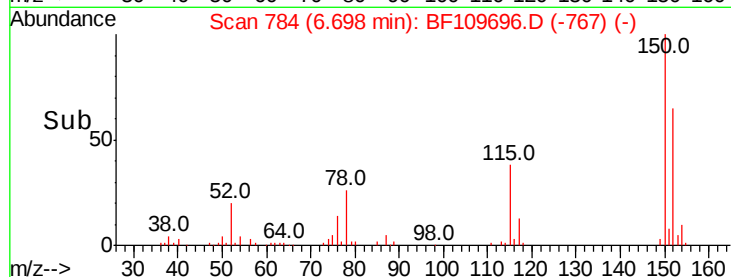
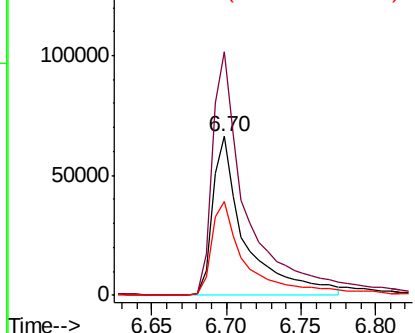
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109696.D
Acq: 9 Oct 2018 15:46

Instrument :
BNA_F
ClientSampleId :
PB113600BL

Tot Ion:152 Resp: 100249
Ion Ratio Lower Upper
152 100
150 153.0 122.7 184.1
115 58.6 49.1 73.7



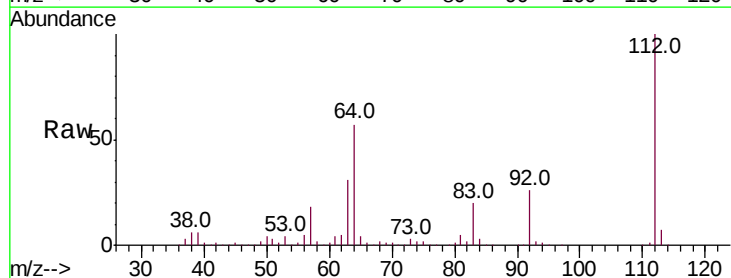
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



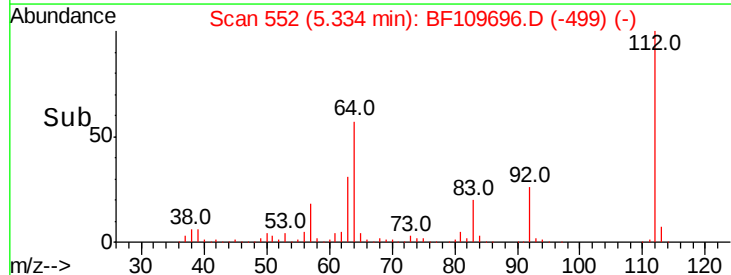
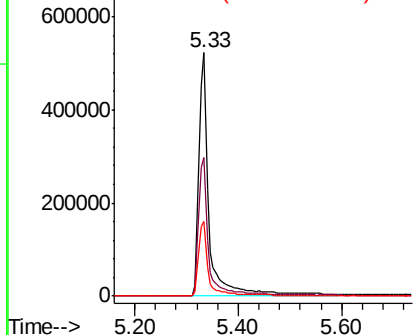
#5

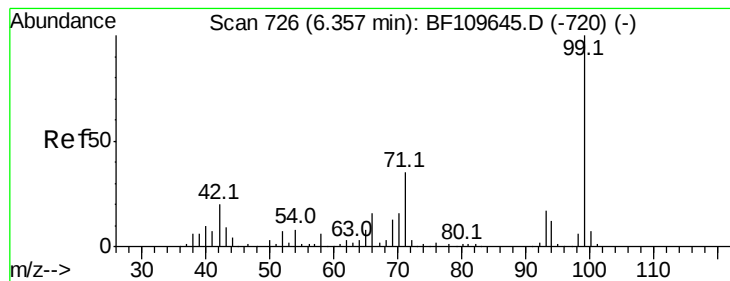
2-Fluorophenol
Concen: 127.359 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF109696.D
Acq: 9 Oct 2018 15:46

Tgt Ion:112 Resp: 719287
Ion Ratio Lower Upper
112 100
64 57.2 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: 130.154 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109696.D

Acq: 9 Oct 2018 15:46

Instrument :

BNA_F

ClientSampleId :

PB113600BL

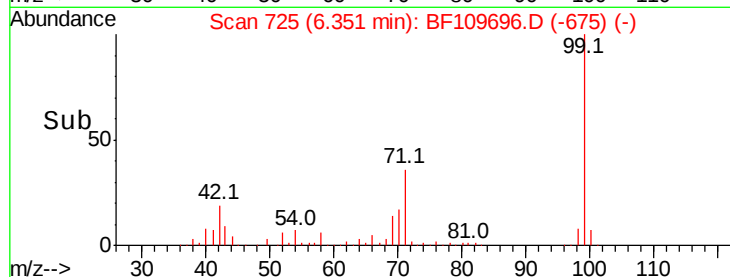
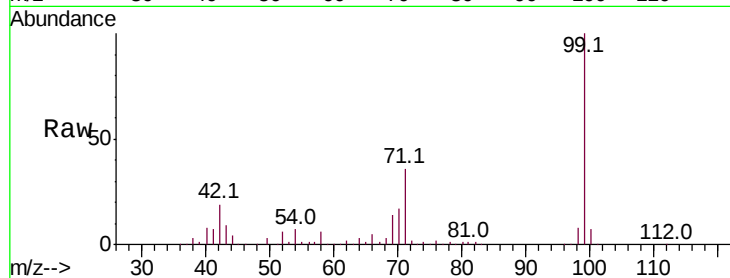
Tot Ion: 99 Resp: 981977

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

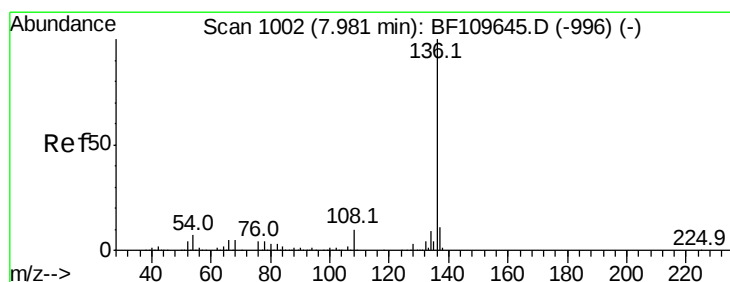
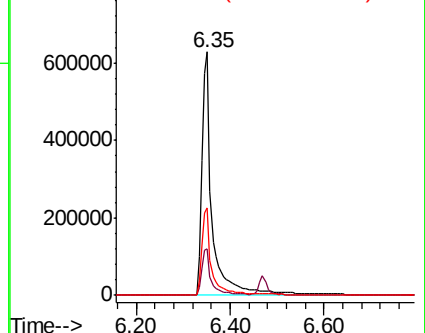
71 35.9 28.0 42.0



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: BF109696.D

Acq: 9 Oct 2018 15:46

Tgt Ion: 136 Resp: 424692

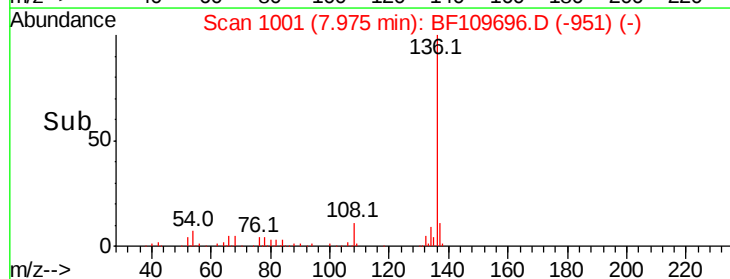
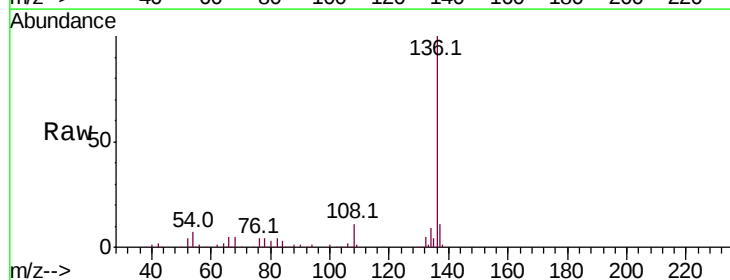
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 5.4 8.2

68 5.0 4.2 6.2

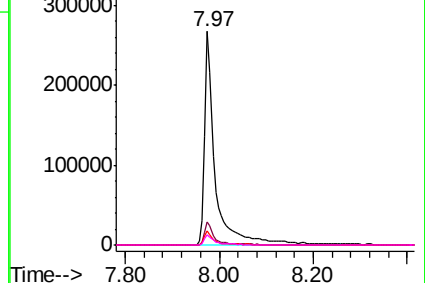


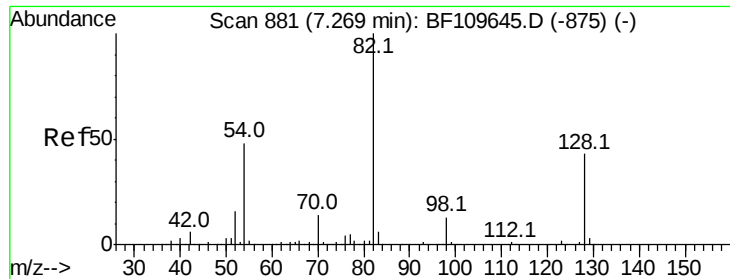
Abundance Ion 136.00 (135.70 to 136.70): E

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

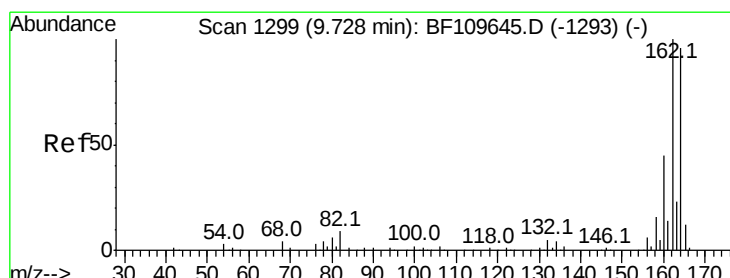
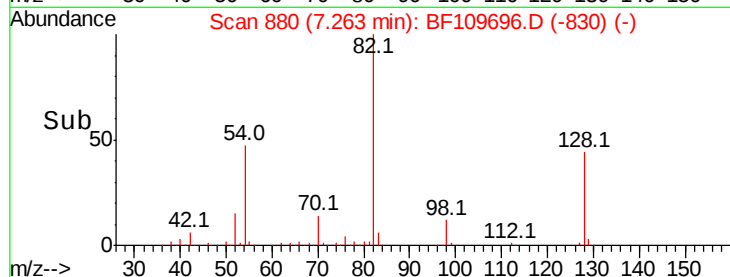
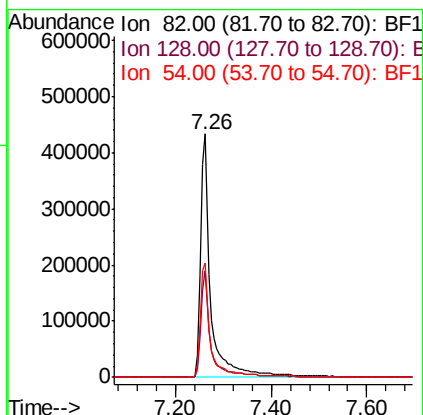
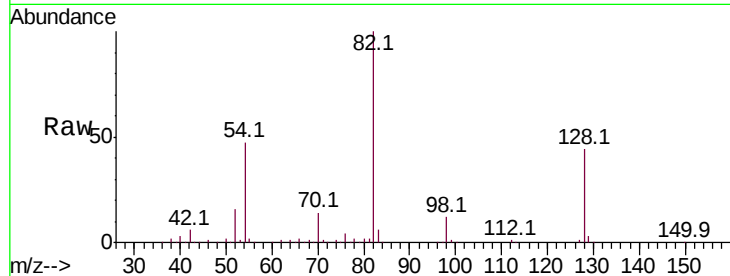




#23
 Nitrobenzene-d5
 Concen: 83.669 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109696.D
 Acq: 9 Oct 2018 15:46

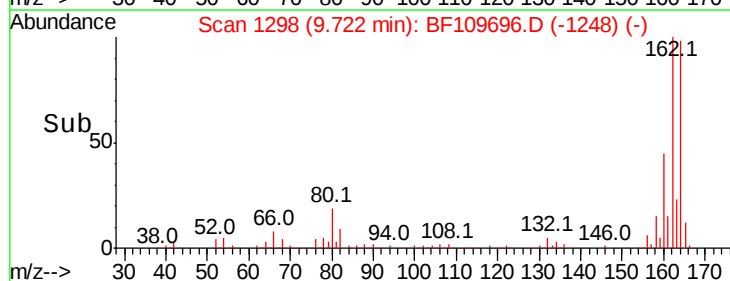
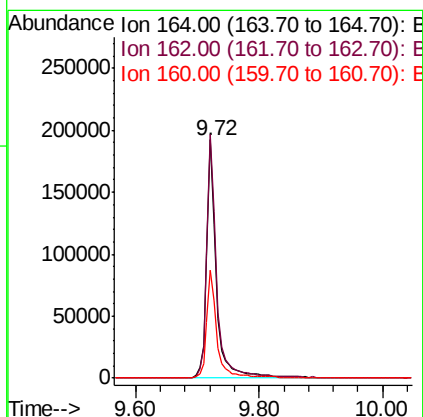
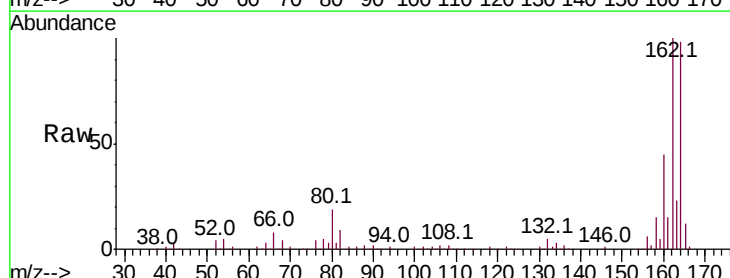
Instrument :
 BNA_F
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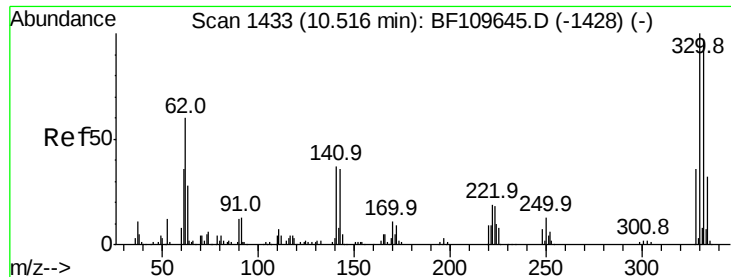
Tot Ion	82	Resp	644618
Ion Ratio	Lower	Upper	
82	100		
128	43.8	34.2	51.2
54	46.8	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109696.D
 Acq: 9 Oct 2018 15:46

Tgt Ion	164	Resp	213720
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.0	124.6
160	45.5	37.0	55.6

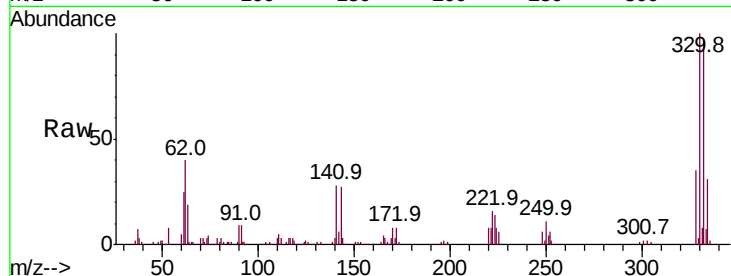




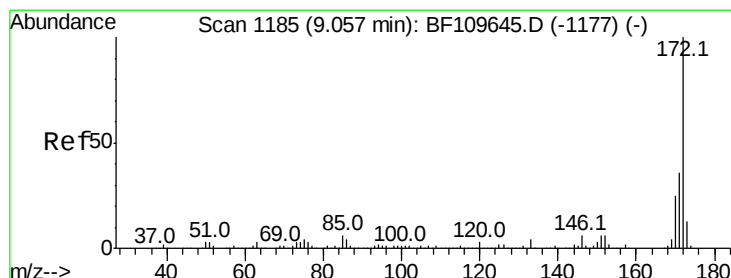
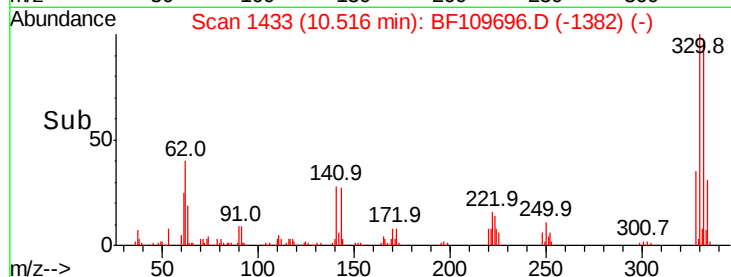
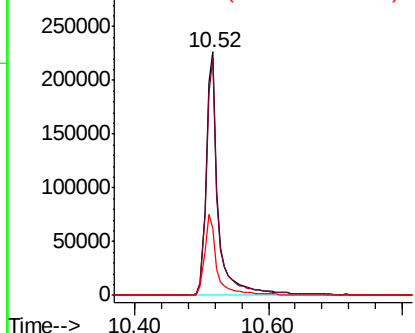
#41
 2,4,6-Tribromophenol
 Concen: 122.814 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109696.D
 Acq: 9 Oct 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BL

Tot Ion:330 Resp: 285999
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 33.9 27.0 40.4

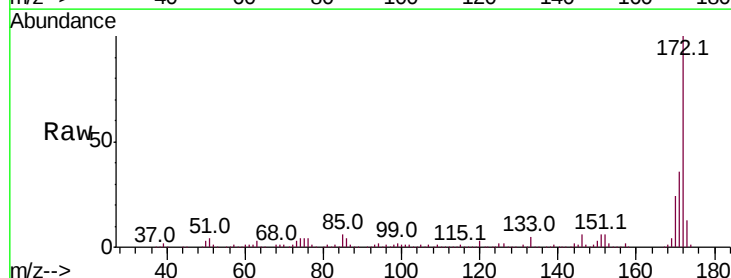


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

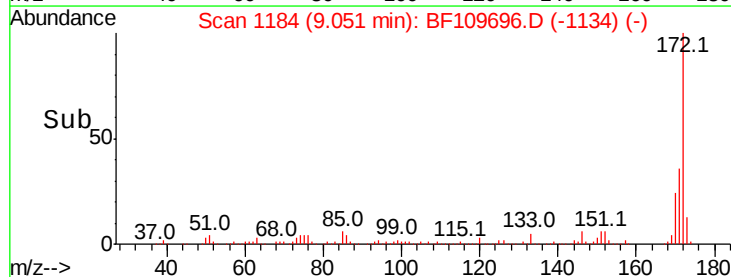
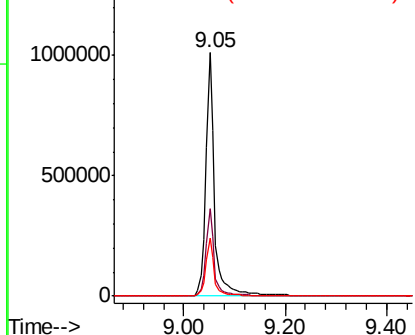


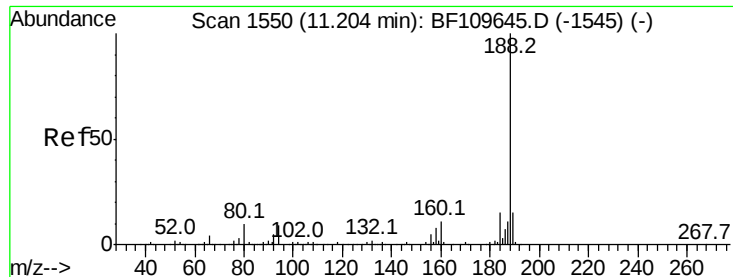
#44
 2-Fluorobiphenyl
 Concen: 78.261 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109696.D
 Acq: 9 Oct 2018 15:46

Tgt Ion:172 Resp: 1214438
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.0 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

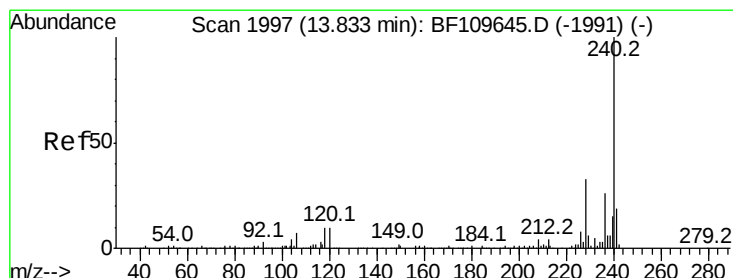
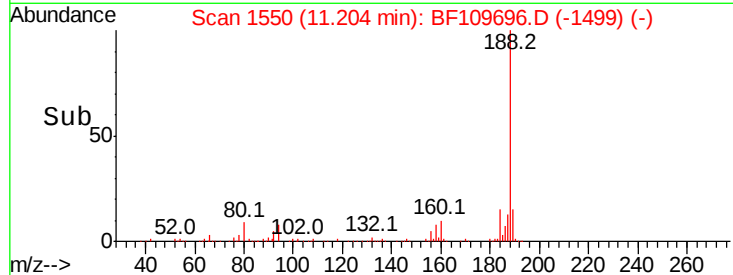
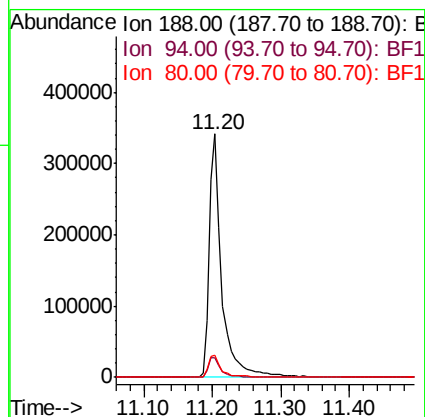
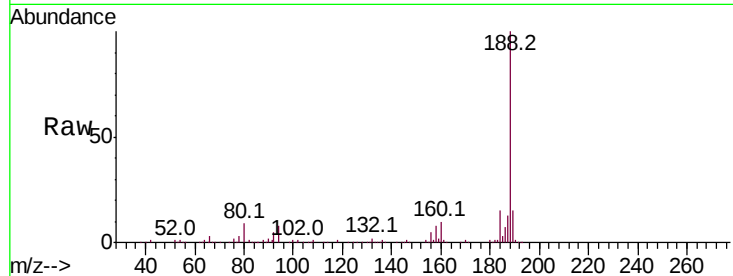




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109696.D
Acq: 9 Oct 2018 15:46

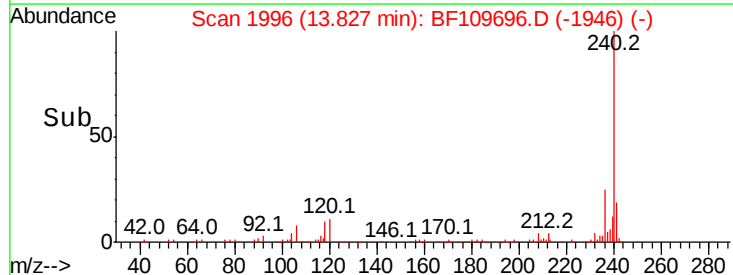
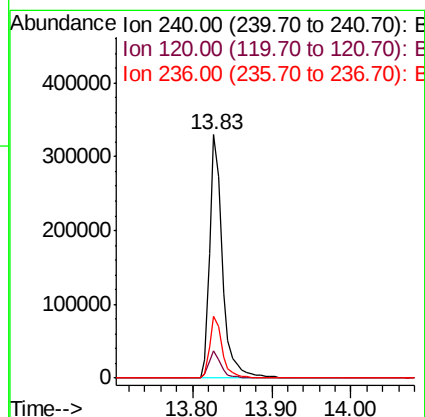
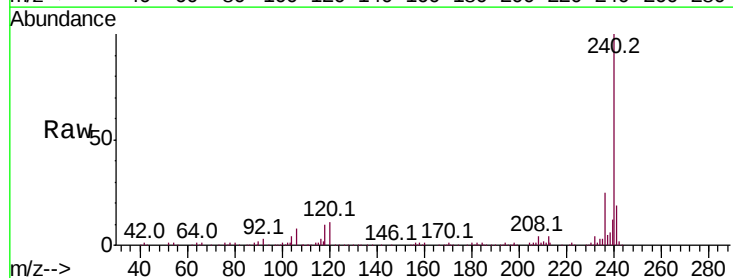
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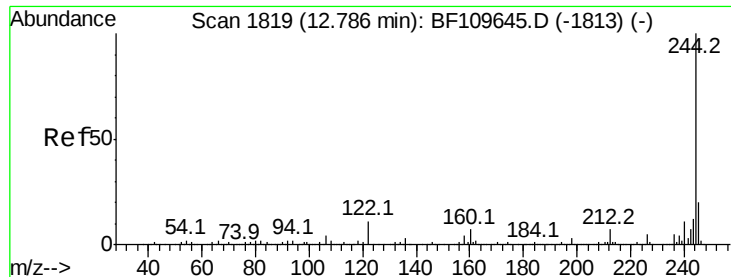
Tot Ion:188 Resp: 442946
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.1 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109696.D
Acq: 9 Oct 2018 15:46

Tgt Ion:240 Resp: 373354
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 25.3 21.2 31.8

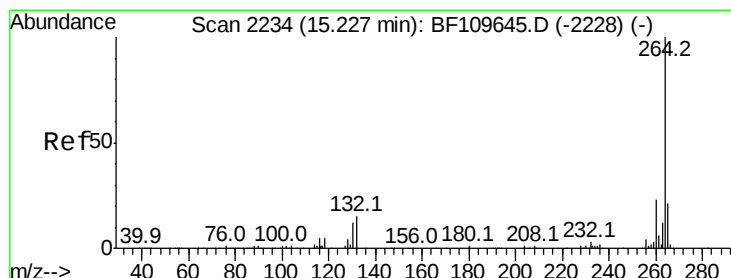
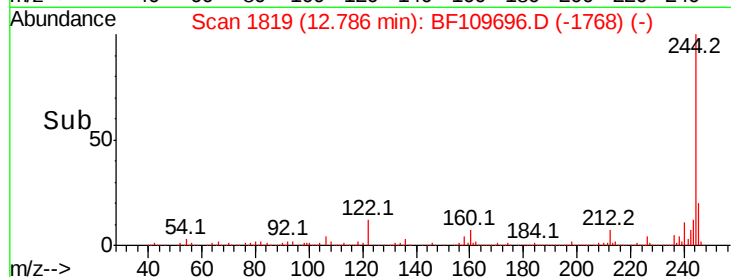
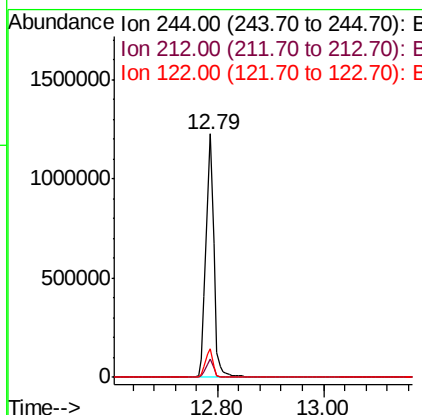
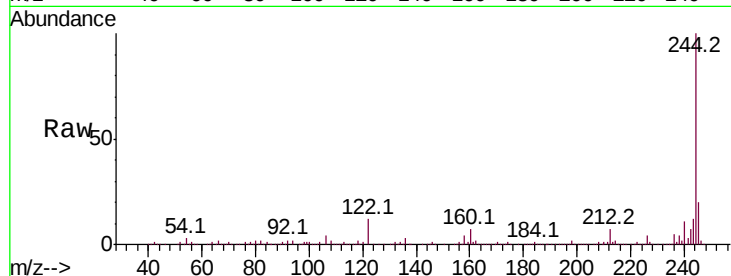




#78
 Terphenyl-d14
 Concen: 66.321 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109696.D
 Acq: 9 Oct 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BL

Tot Ion:244 Resp: 1279100
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.7 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109696.D
 Acq: 9 Oct 2018 15:46

Tgt Ion:264 Resp: 323719
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.6 16.7 25.1

