

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109794.D
 Acq On : 11 Oct 2018 18:40
 Operator : JU/SJ
 Sample : J5302-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(2-2.5)

Quant Time: Oct 12 04:41:58 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	73283	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	317641	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	142068	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	235195	20.00	ng	0.00
75) Chrysene-d12	13.83	240	191833	20.00	ng	0.00
86) Perylene-d12	15.23	264	216631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	344404	83.42	ng	0.00
7) Phenol-d6	6.34	99	500786	90.80	ng	-0.02
23) Nitrobenzene-d5	7.26	82	312691	54.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	96851	62.57	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	623341	60.43	ng	-0.01
78) Terphenyl-d14	12.78	244	436356	44.03	ng	0.00

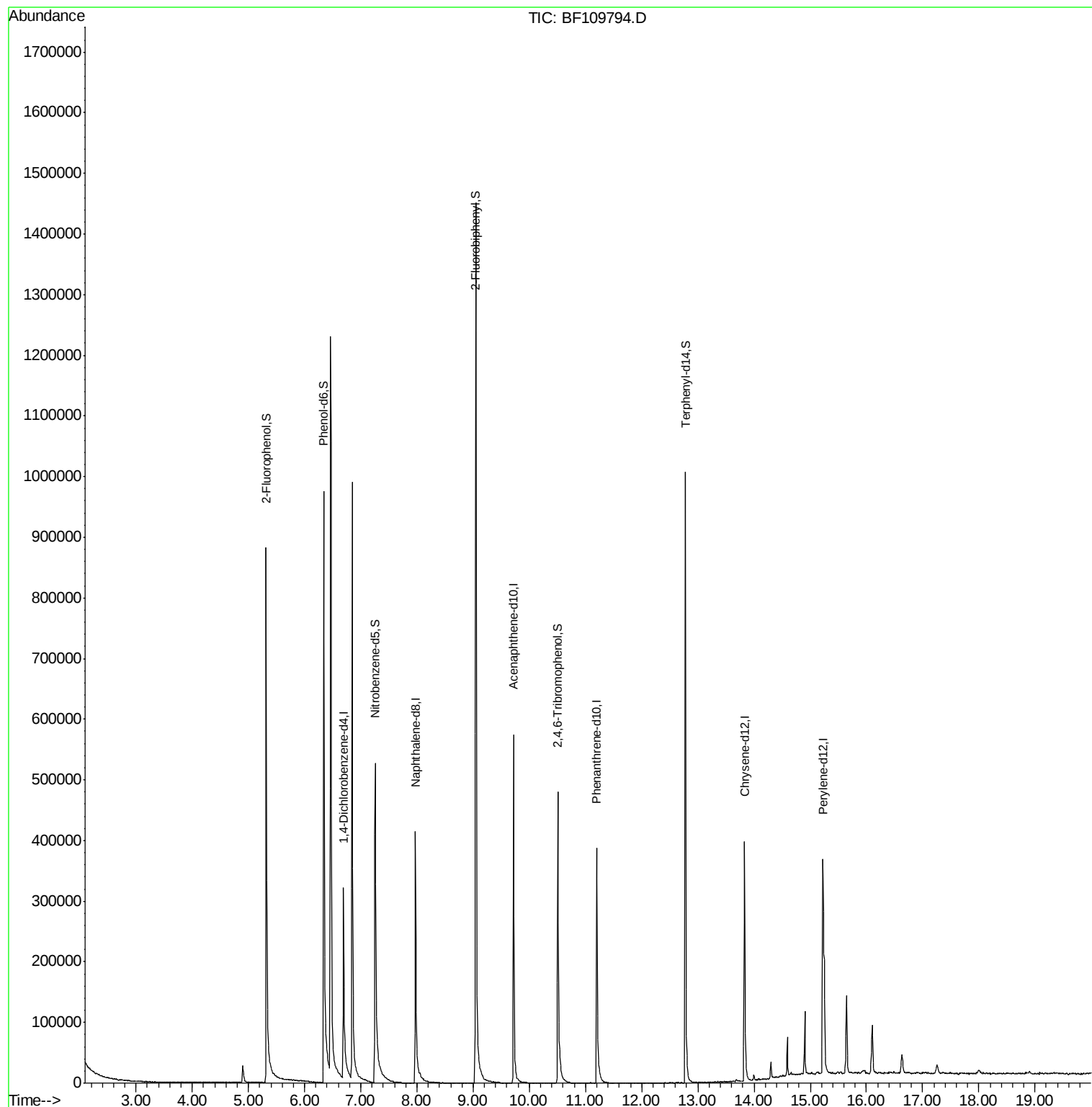
Target Compounds Qvalue

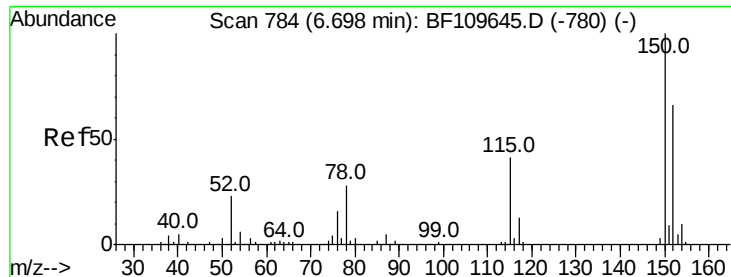
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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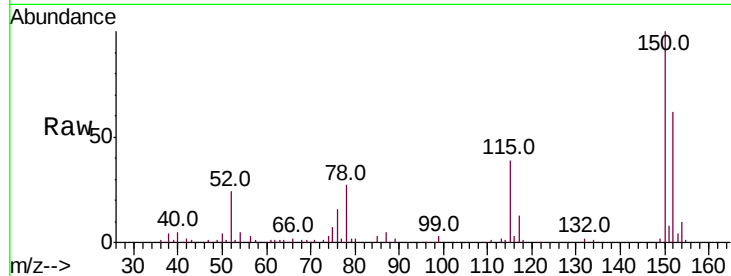


#1

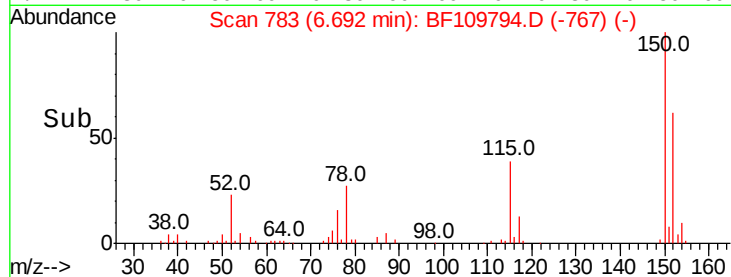
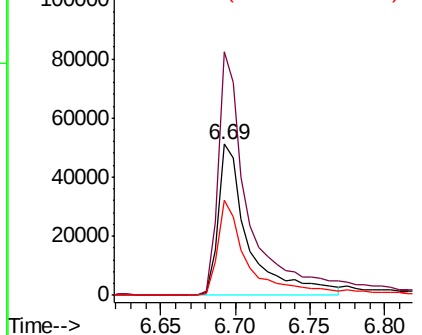
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Instrument :
BNA_F
ClientSampleId :
SB-6-(2-2.5)

Tot Ion:152 Resp: 73283
Ion Ratio Lower Upper
152 100
150 161.1 122.7 184.1
115 63.3 49.1 73.7



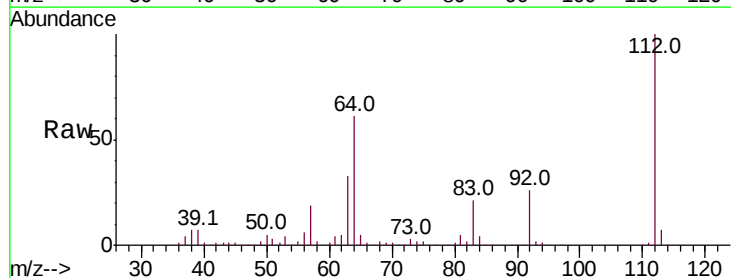
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



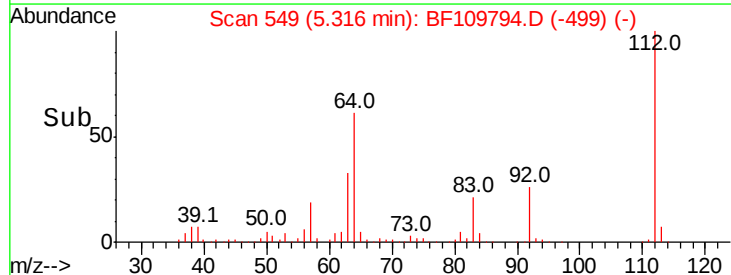
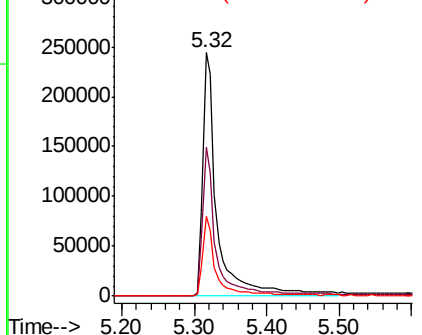
#5

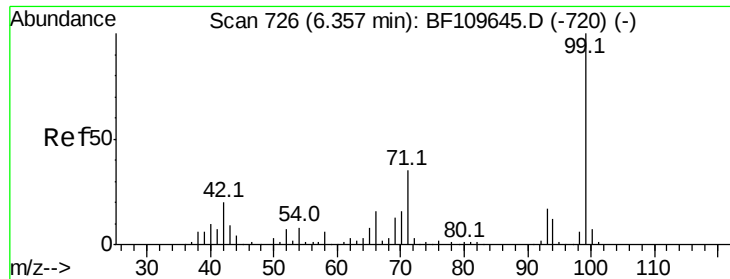
2-Fluorophenol
Concen: 83.420 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Tgt Ion:112 Resp: 344404
Ion Ratio Lower Upper
112 100
64 61.0 44.1 66.1
63 32.9 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: 90.800 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109794.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_F

ClientSampleId :

SB-6-(2-2.5)

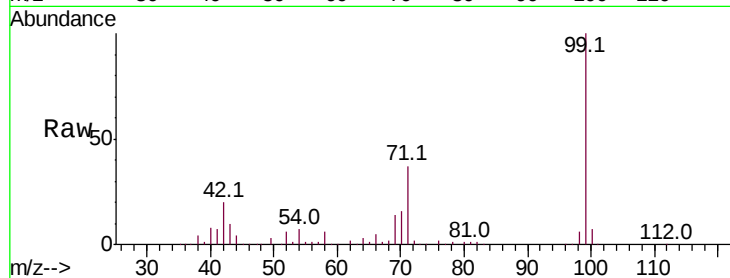
Tot Ion: 99 Resp: 500786

Ion Ratio Lower Upper

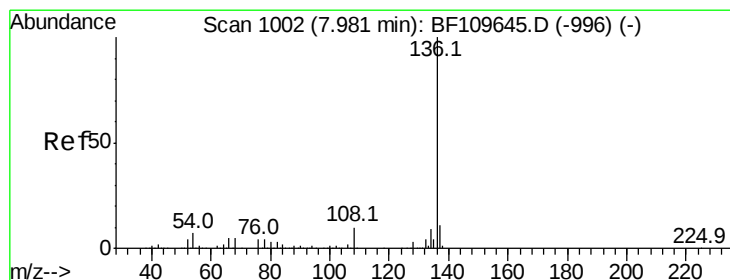
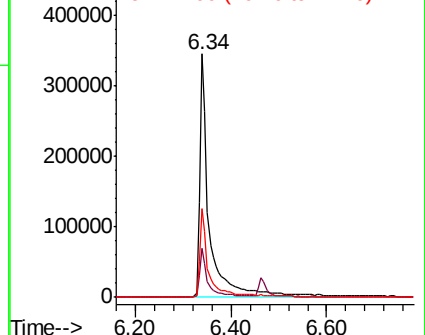
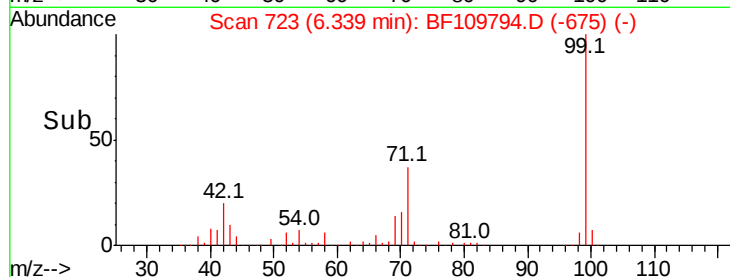
99 100

42 19.9 15.8 23.6

71 36.7 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: BF109794.D

Acq: 11 Oct 2018 18:40

Tgt Ion:136 Resp: 317641

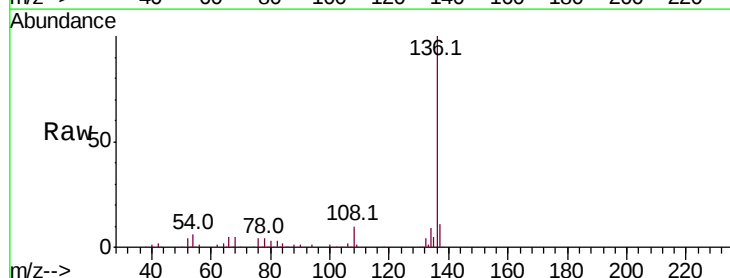
Ion Ratio Lower Upper

136 100

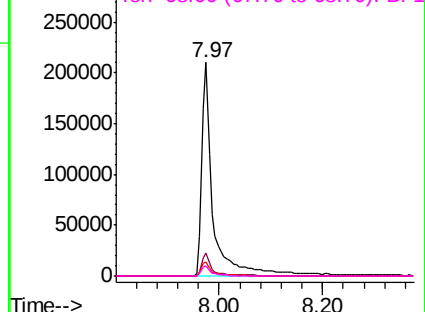
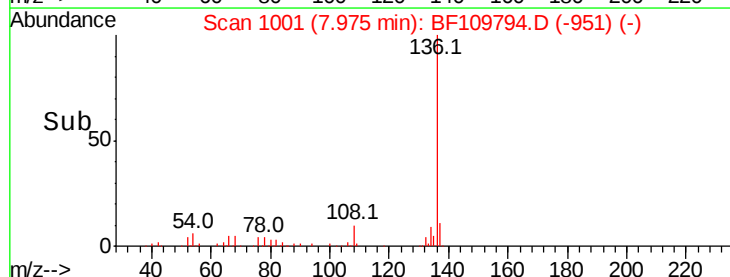
137 10.7 8.8 13.2

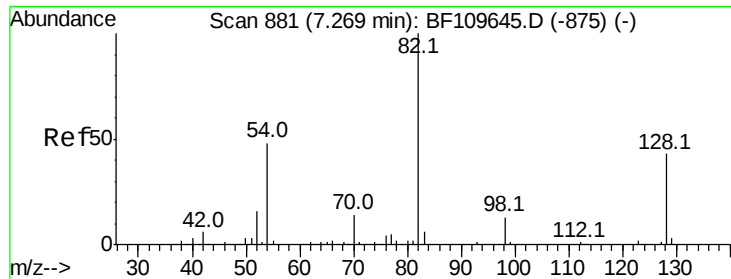
54 6.4 5.4 8.2

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

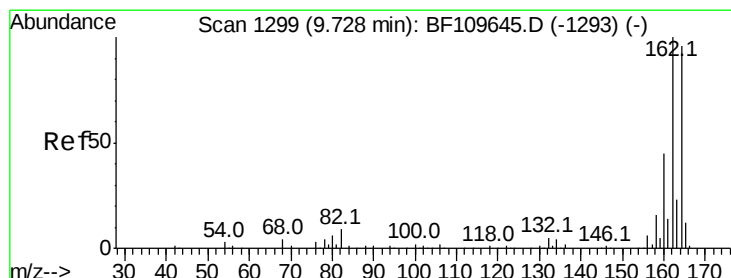
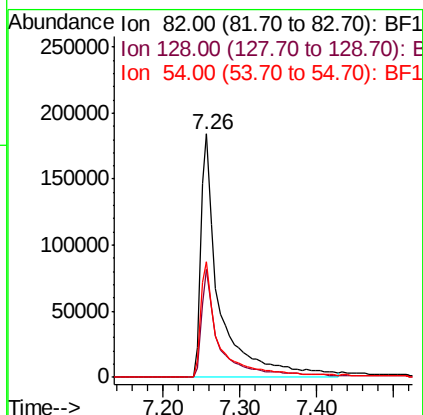
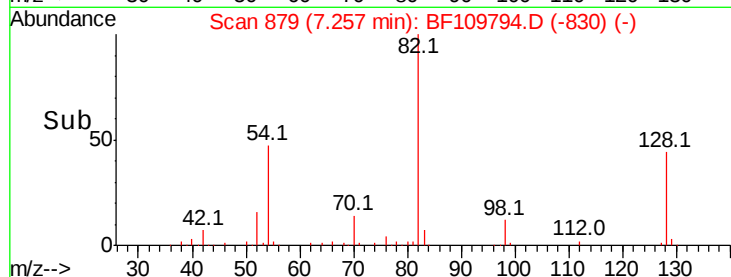
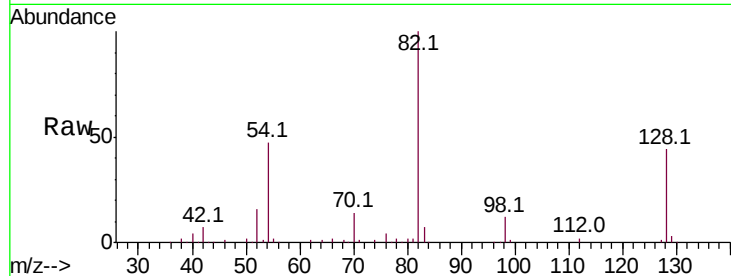




#23
 Nitrobenzene-d5
 Concen: 54.264 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109794.D
 Acq: 11 Oct 2018 18:40

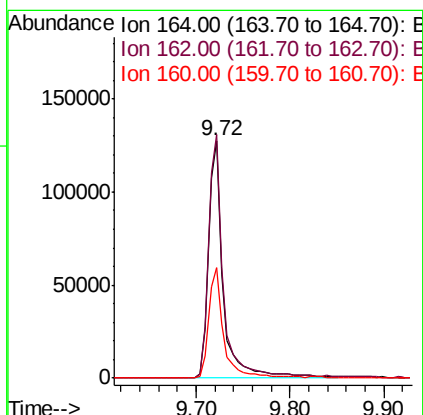
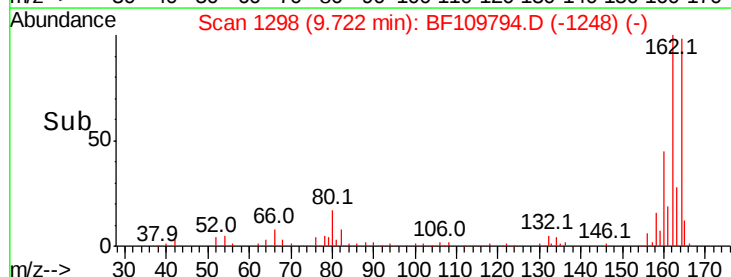
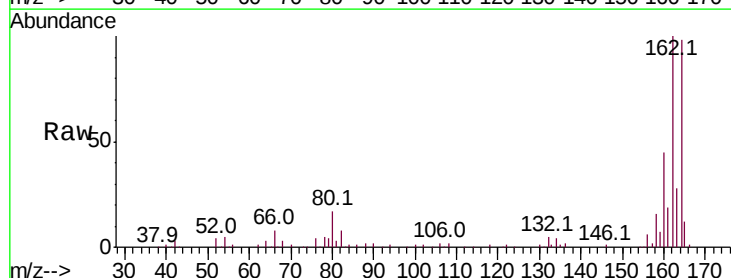
Instrument :
 BNA_F
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 SB-6-(2-2.5)

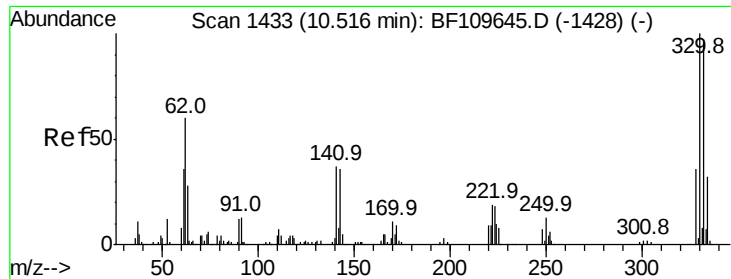
Tot Ion: 82 Resp: 312691
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.2 51.2
 54 47.5 38.6 58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109794.D
 Acq: 11 Oct 2018 18:40

Tgt Ion:164 Resp: 142068
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.0 124.6
 160 46.6 37.0 55.6

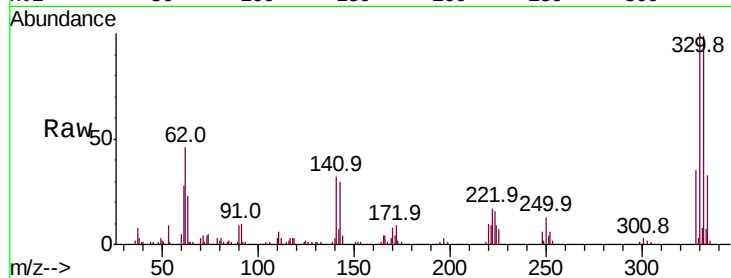




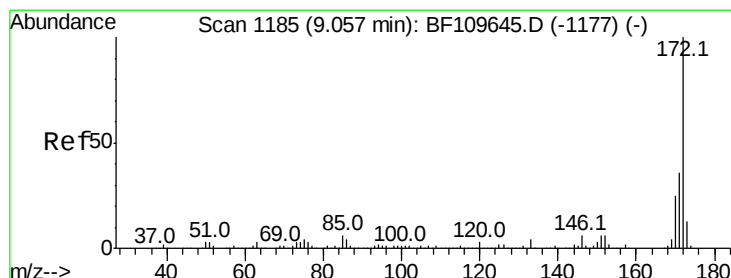
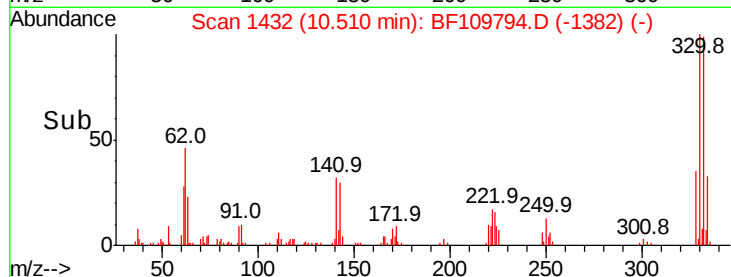
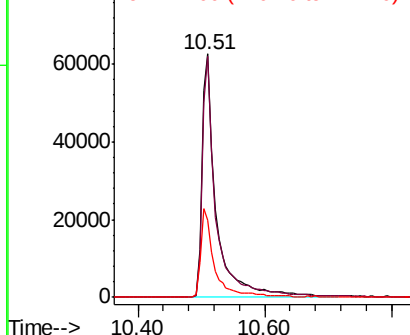
#41
 2,4,6-Tribromophenol
 Concen: 62.566 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109794.D
 Acq: 11 Oct 2018 18:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(2-2.5)

Tot Ion:330 Resp: 96851
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 35.1 27.0 40.4

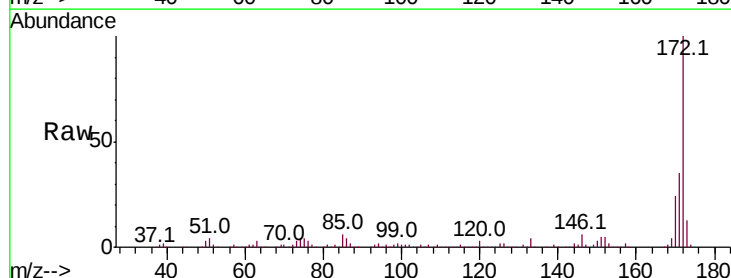


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

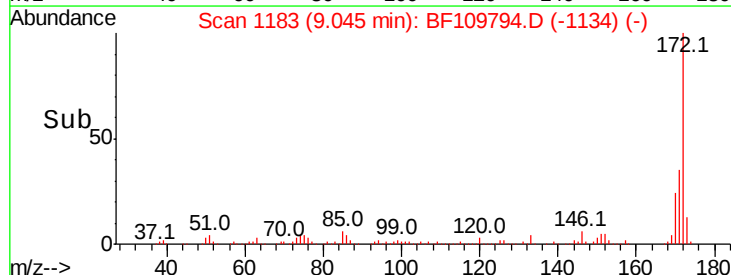
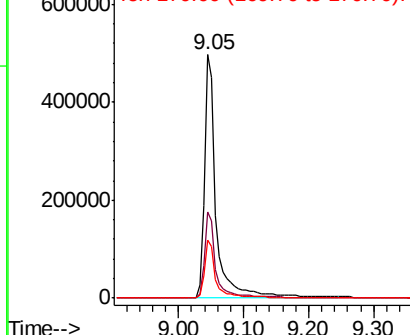


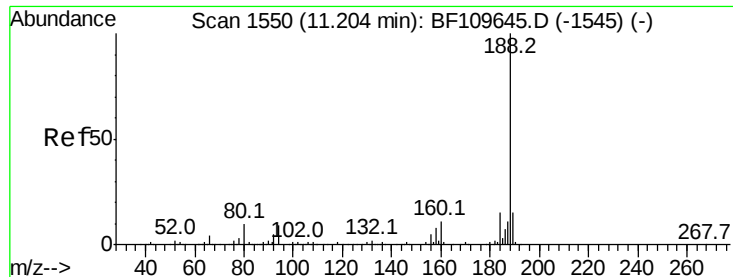
#44
 2-Fluorobiphenyl
 Concen: 60.429 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF109794.D
 Acq: 11 Oct 2018 18:40

Tgt Ion:172 Resp: 623341
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.9 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

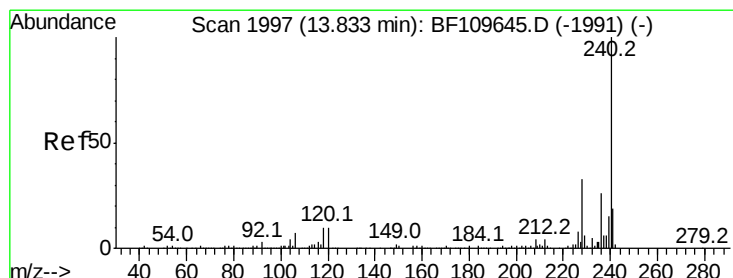
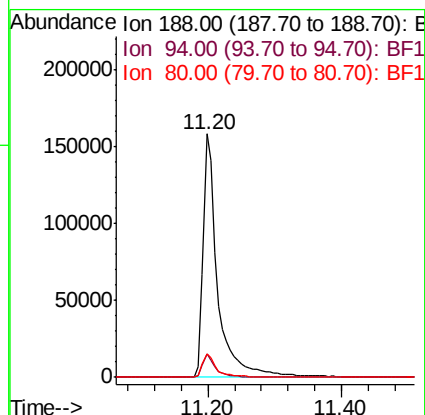
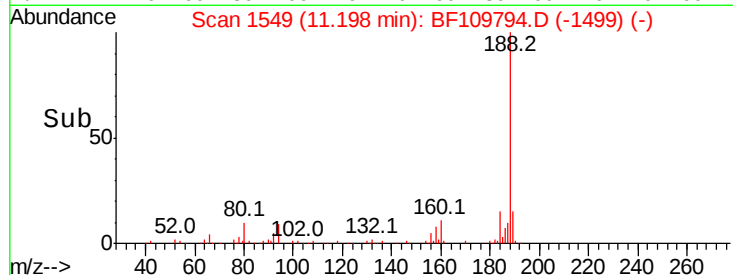
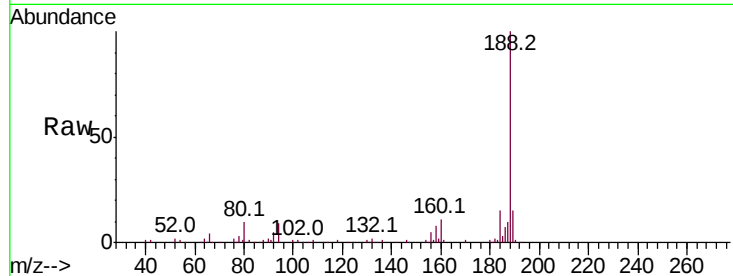




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

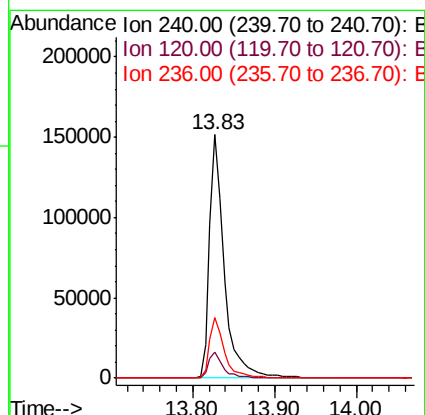
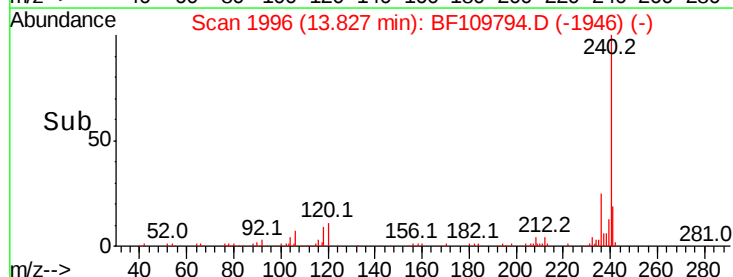
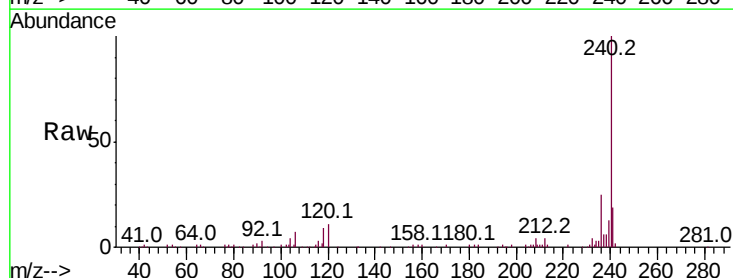
Instrument :
BNA_F
ClientSampleId :
SB-6-(2-2.5)

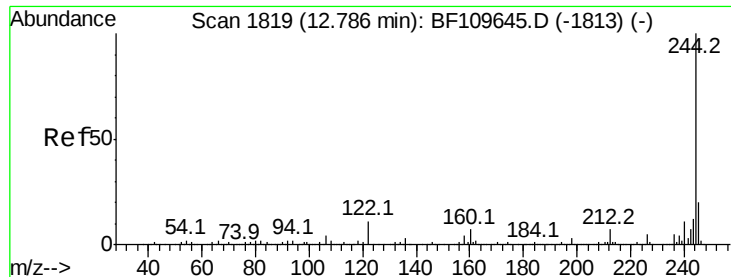
Tot Ion:188 Resp: 235195
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.9 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Tgt Ion:240 Resp: 191833
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.8 21.2 31.8





#78

Terphenyl-d14

Concen: 44.034 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109794.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_F

ClientSampleId :

SB-6-(2-2.5)

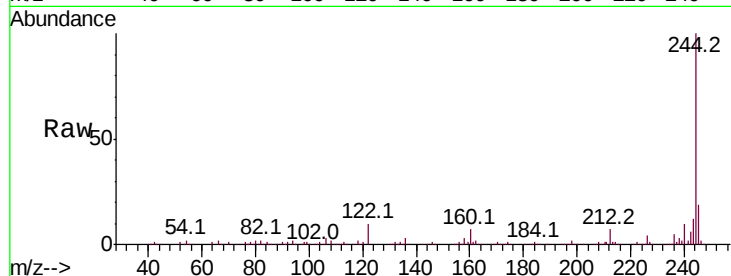
Tot Ion:244 Resp: 436356

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

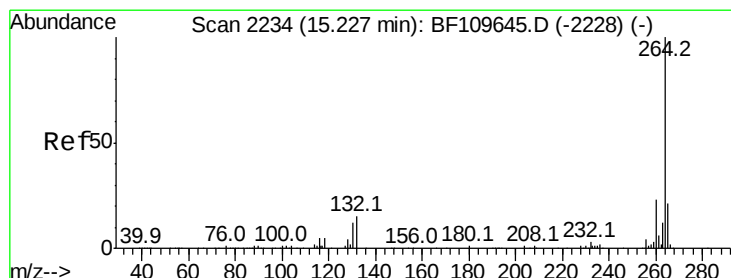
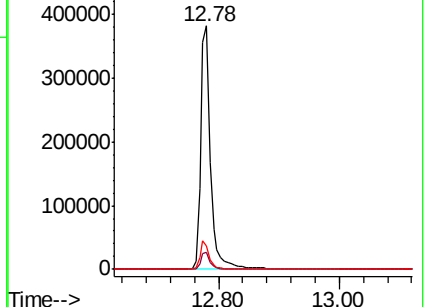
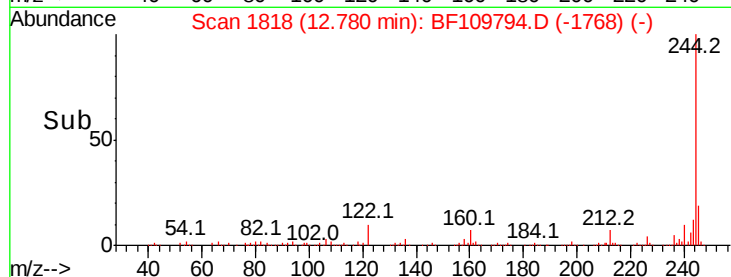
122 9.6 8.7 13.1



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: BF109794.D

Acq: 11 Oct 2018 18:40

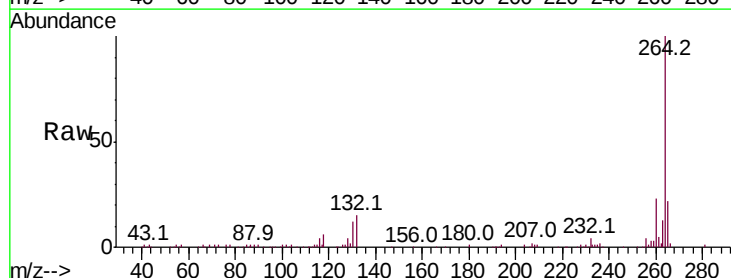
Tgt Ion:264 Resp: 216631

Ion Ratio Lower Upper

264 100

260 23.4 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

