

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109796.D
 Acq On : 11 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5360-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-22

Quant Time: Oct 12 04:45:03 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	78436	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	324252	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	138966	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	233637	20.00	ng	0.00
75) Chrysene-d12	13.83	240	203197	20.00	ng	0.00
86) Perylene-d12	15.23	264	234661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	157694	35.69	ng	-0.01
7) Phenol-d6	6.35	99	149776	25.37	ng	-0.01
23) Nitrobenzene-d5	7.26	82	567350	96.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	126824	83.76	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1029030	101.98	ng	0.00
78) Terphenyl-d14	12.78	244	767984	73.17	ng	0.00

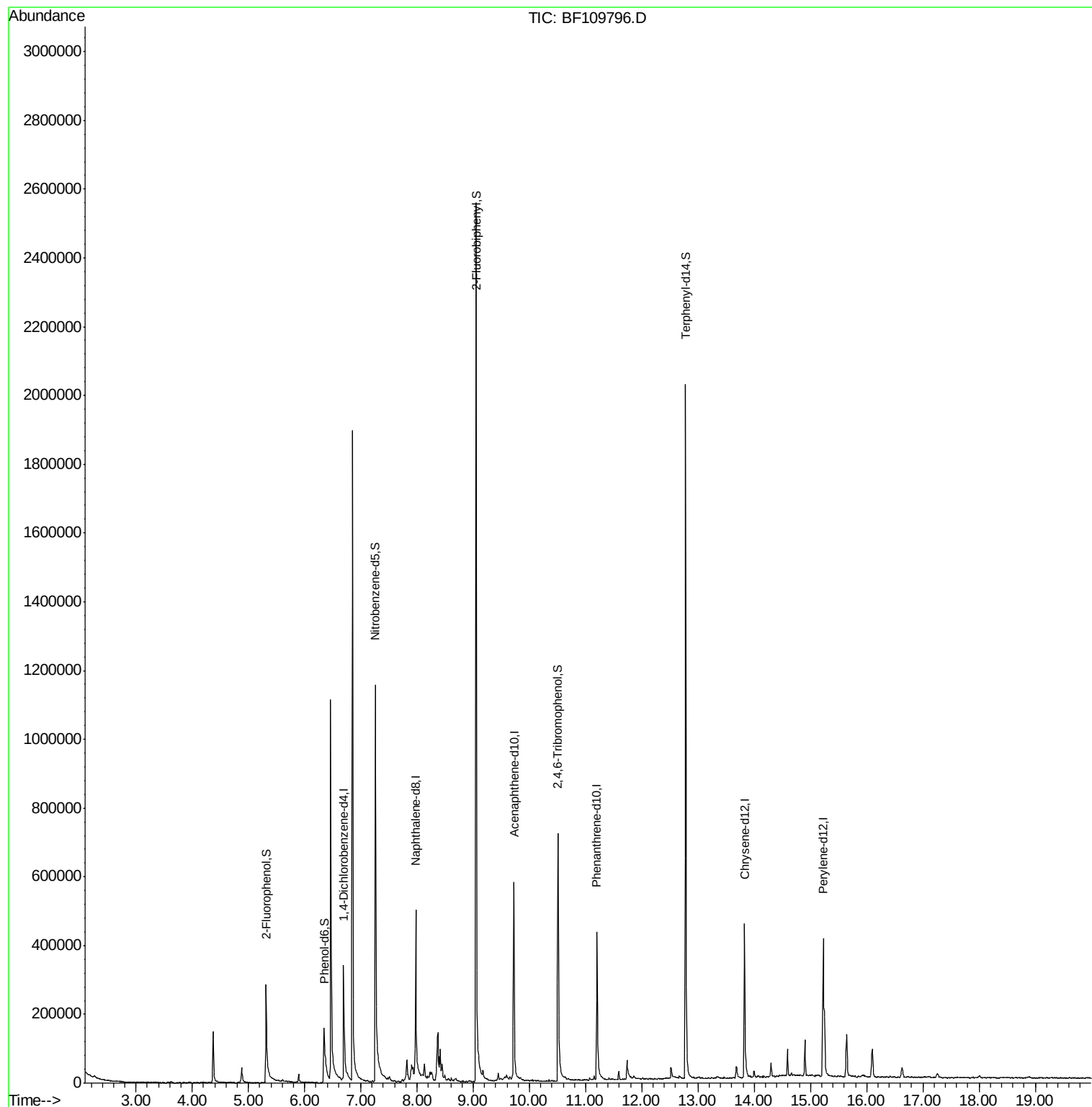
Target Compounds Qvalue

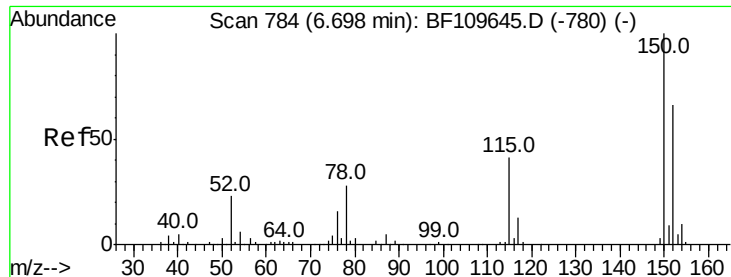
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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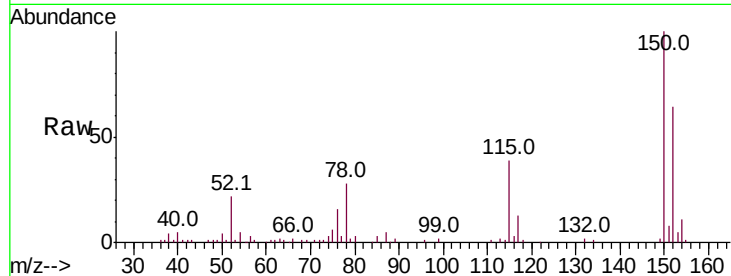


#1

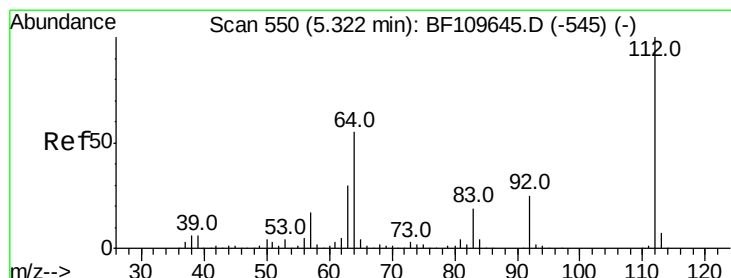
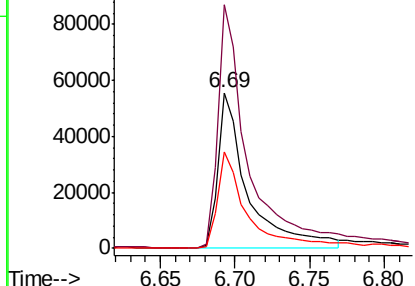
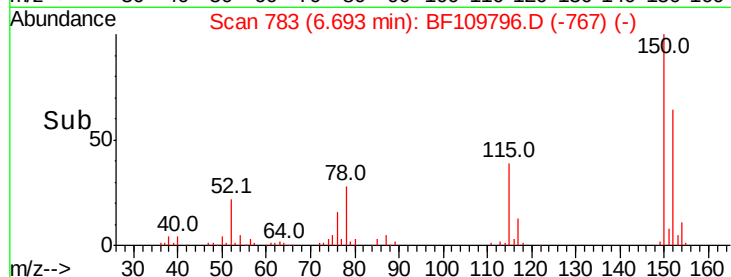
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-22

Tot Ion:152 Resp: 78436
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.7 184.1
 115 61.7 49.1 73.7



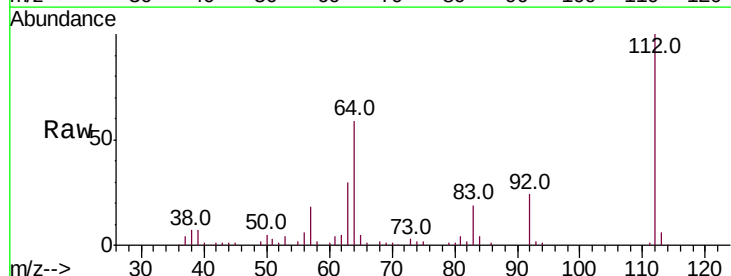
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



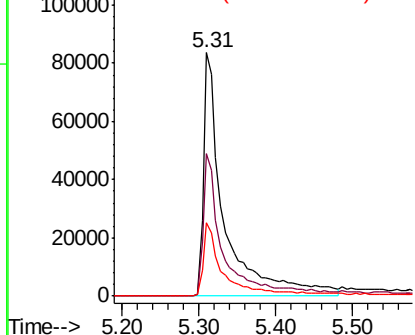
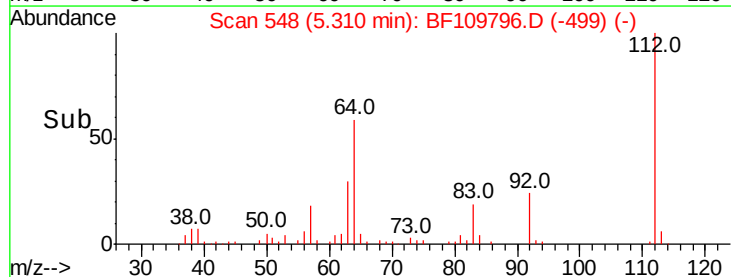
#5

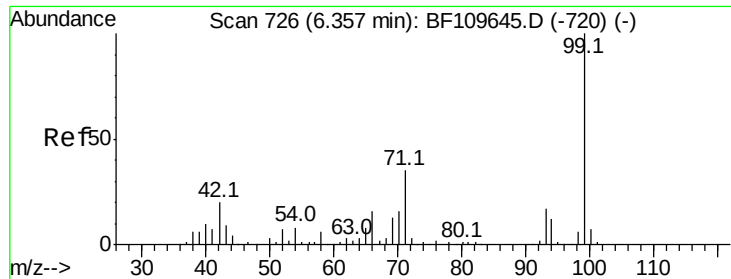
2-Fluorophenol
 Concen: 35.687 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Tgt Ion:112 Resp: 157694
 Ion Ratio Lower Upper
 112 100
 64 58.7 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: 25.372 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109796.D

Acq: 11 Oct 2018 19:37

Instrument :

BNA_F

ClientSampleId :

2-AVE-22

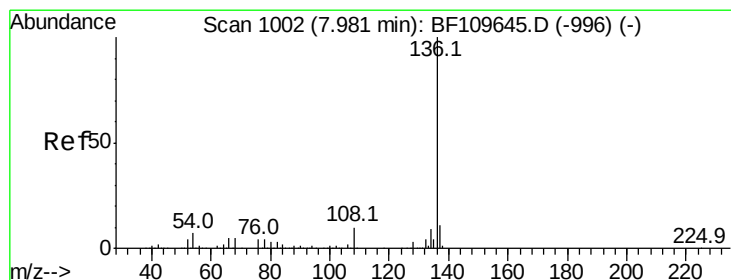
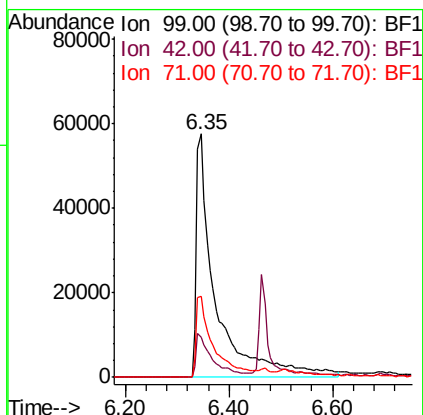
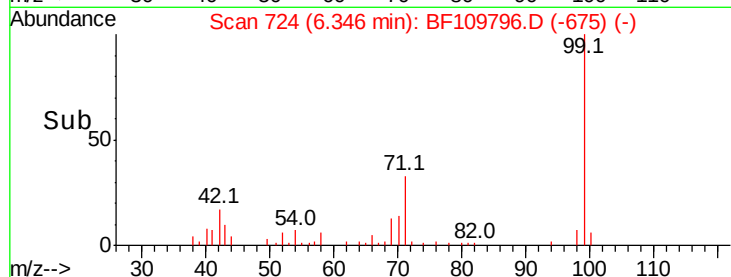
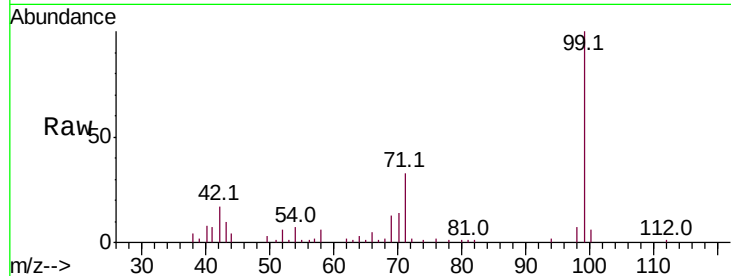
Tot Ion: 99 Resp: 149776

Ion Ratio Lower Upper

99 100

42 16.6 15.8 23.6

71 33.1 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: BF109796.D

Acq: 11 Oct 2018 19:37

Tgt Ion: 136 Resp: 324252

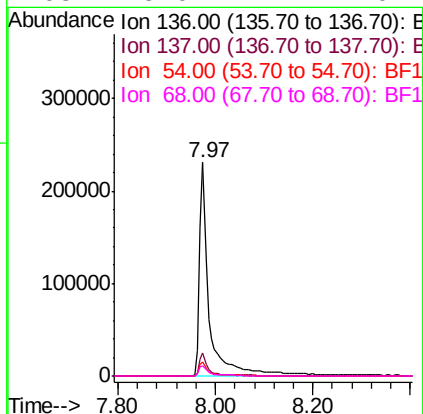
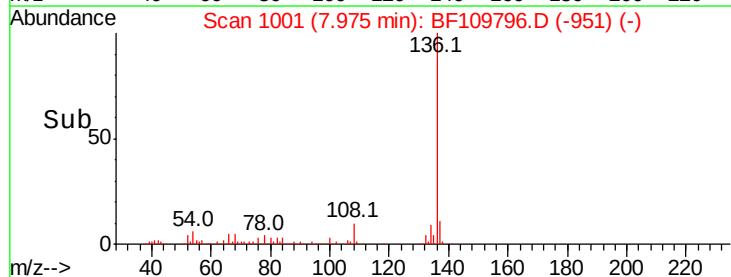
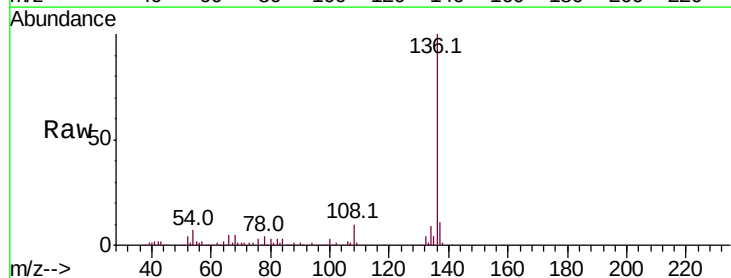
Ion Ratio Lower Upper

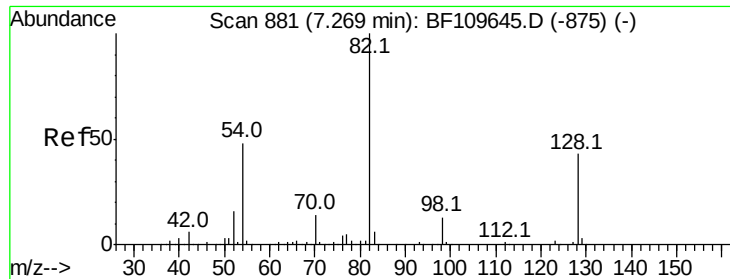
136 100

137 10.6 8.8 13.2

54 6.7 5.4 8.2

68 5.0 4.2 6.2

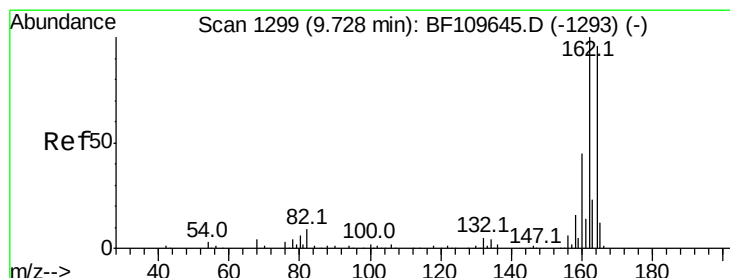
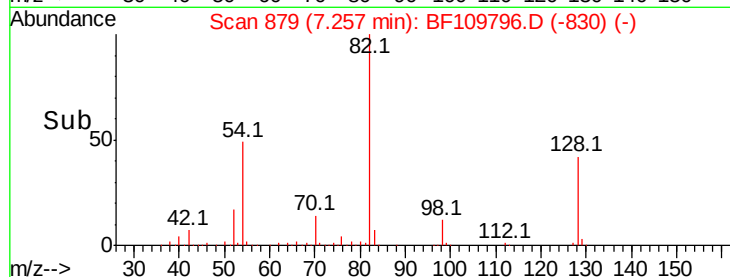
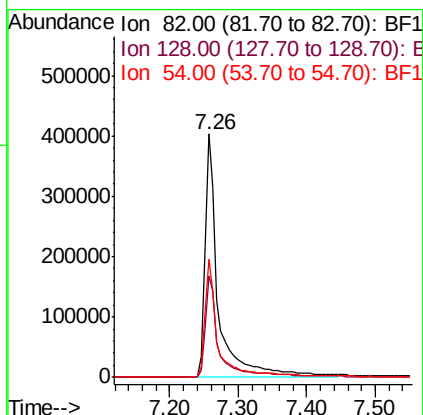
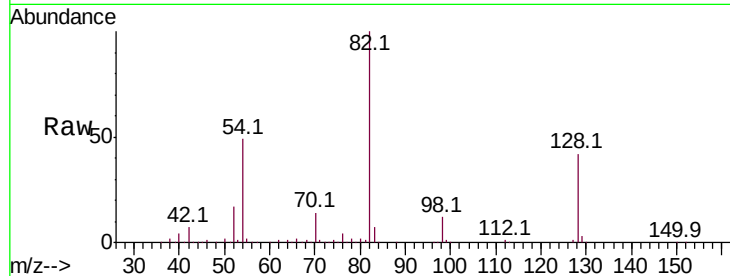




#23
 Nitrobenzene-d5
 Concen: 96.450 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

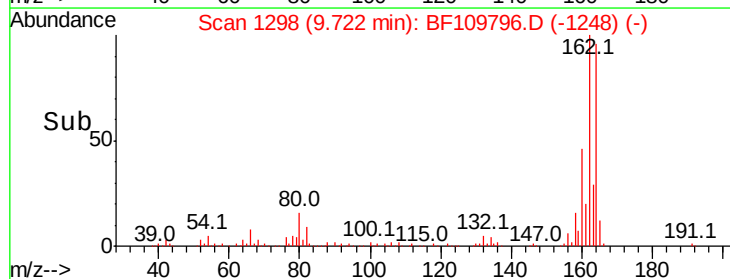
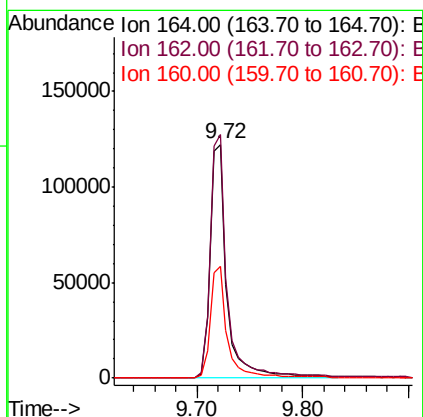
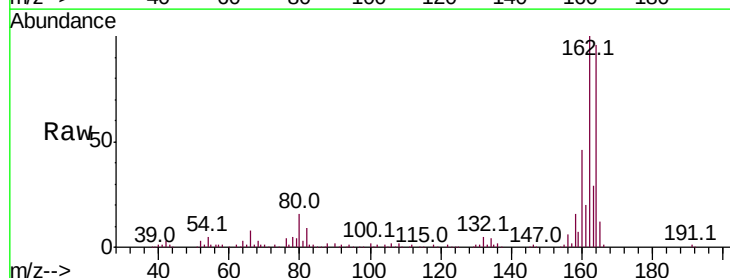
Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-22

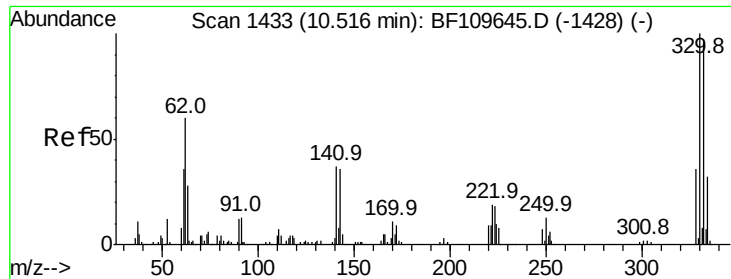
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	48.6	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	47.8	37.0	55.6

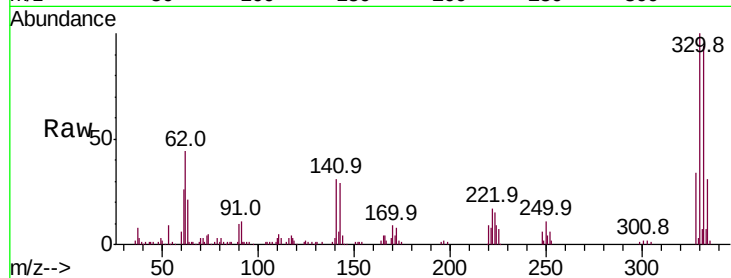




#41
 2,4,6-Tribromophenol
 Concen: 83.757 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-22

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	36.5	27.0	40.4

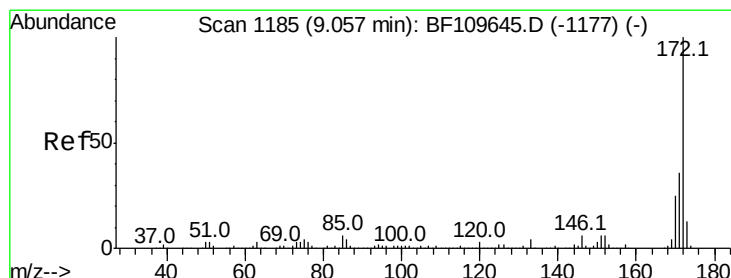
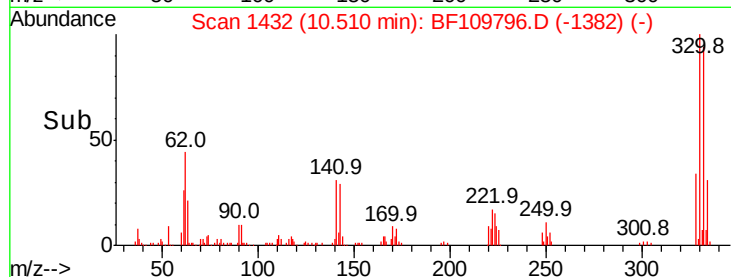
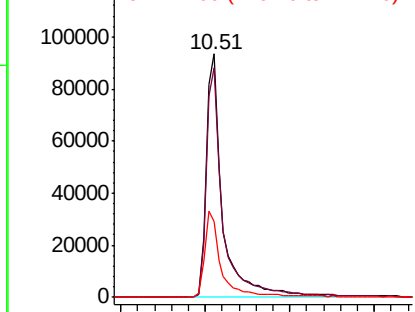


Abundance

Ion 329.80 (329.50 to 330.50): E

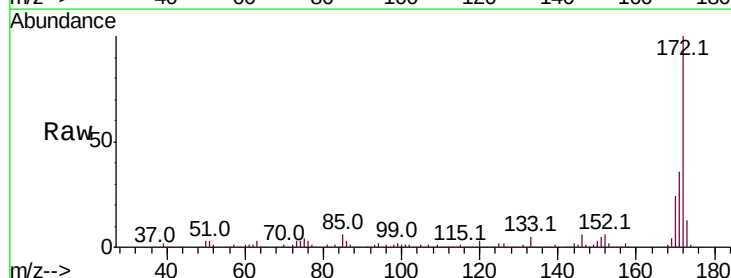
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.984 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.8	19.7	29.5

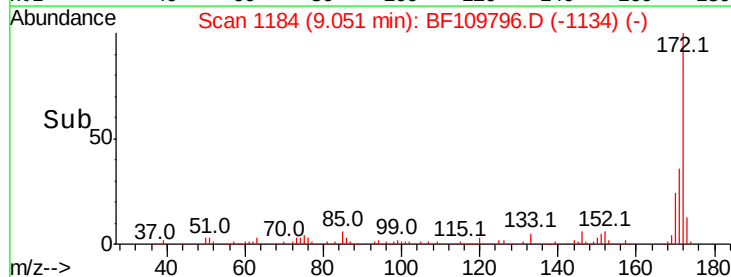
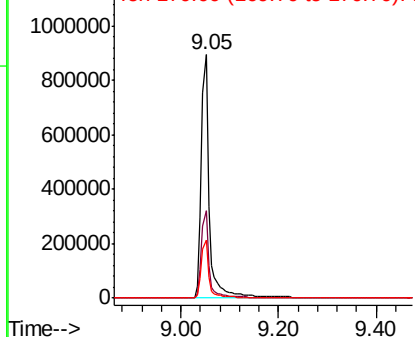


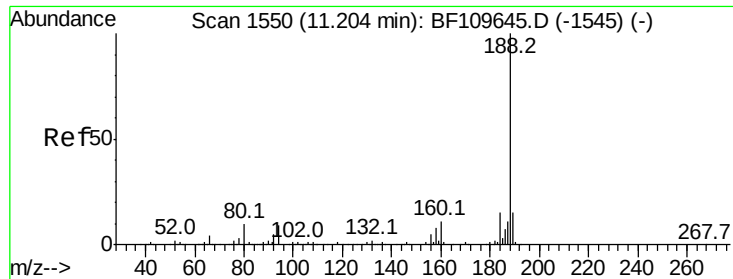
Abundance

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

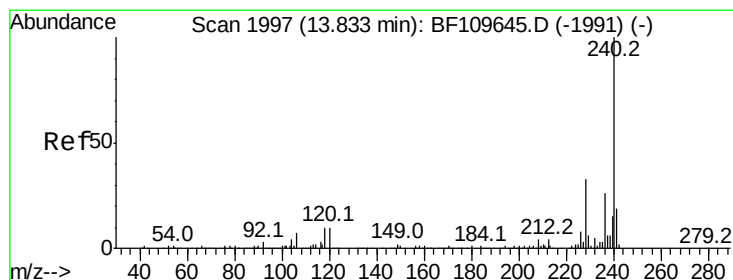
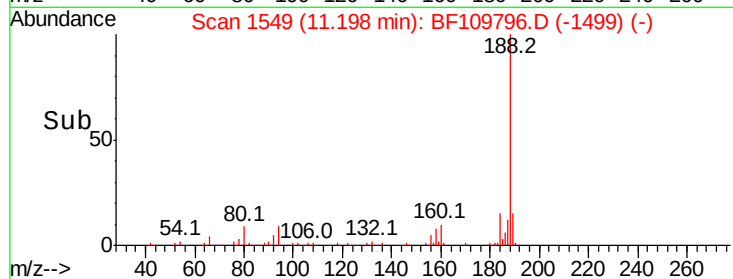
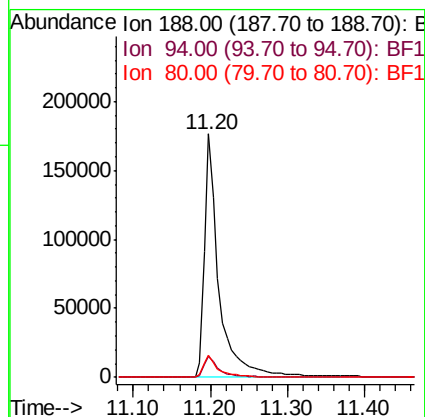
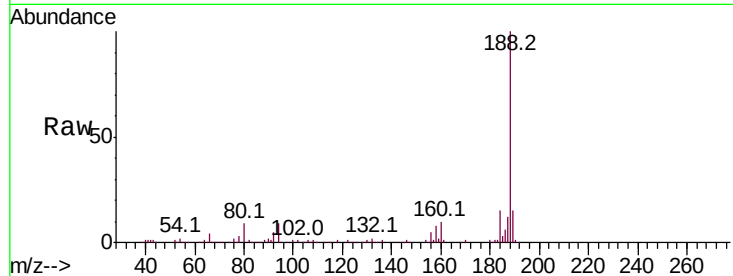




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

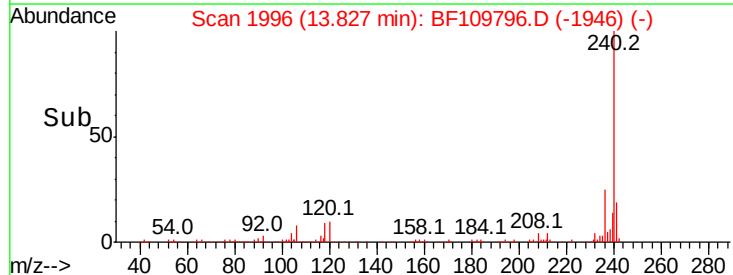
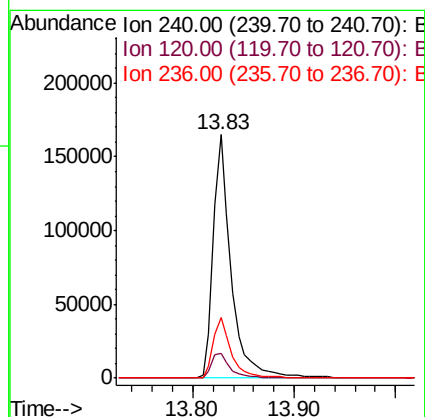
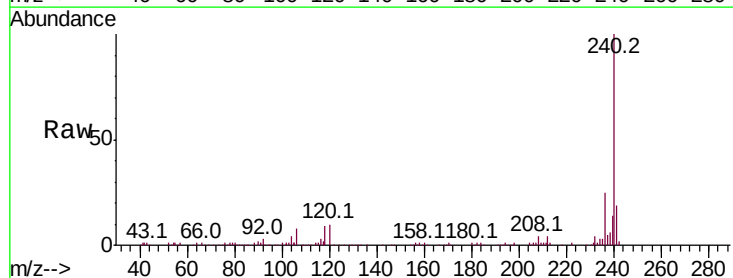
Instrument :
BNA_F
ClientSampleId :
2-AVE-22

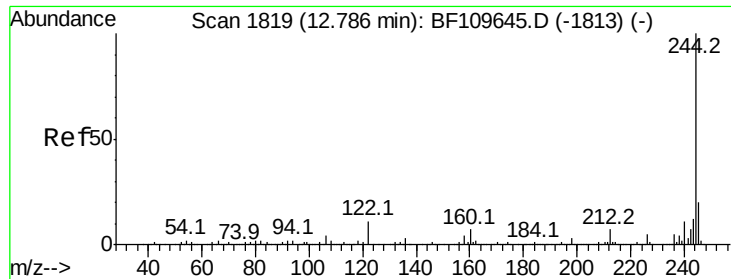
Tot Ion:188 Resp: 233637
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.2 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

Tgt Ion:240 Resp: 203197
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 25.0 21.2 31.8





#78

Terphenyl-d14

Concen: 73.165 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109796.D

Acq: 11 Oct 2018 19:37

Instrument :

BNA_F

ClientSampleId :

2-AVE-22

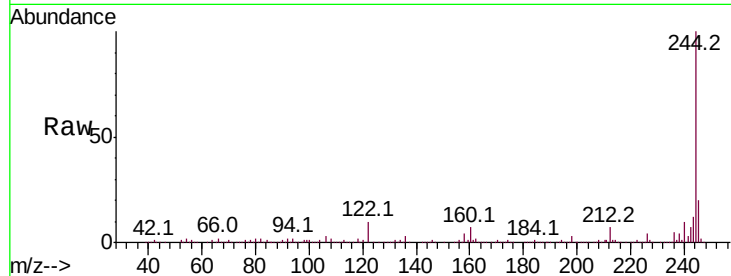
Tot Ion:244 Resp: 767984

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

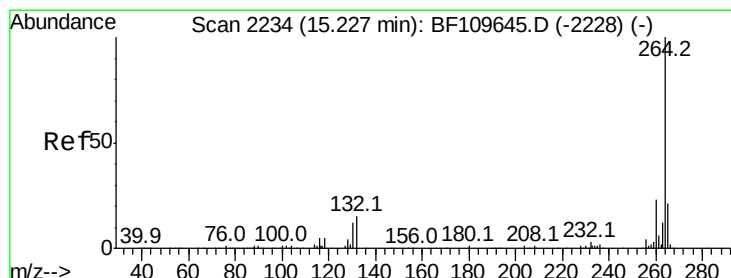
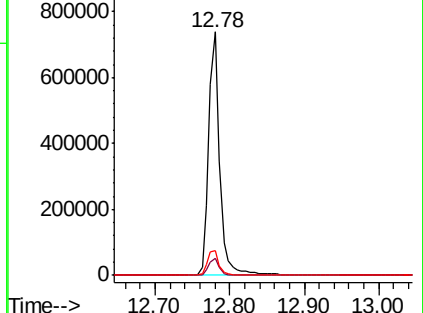
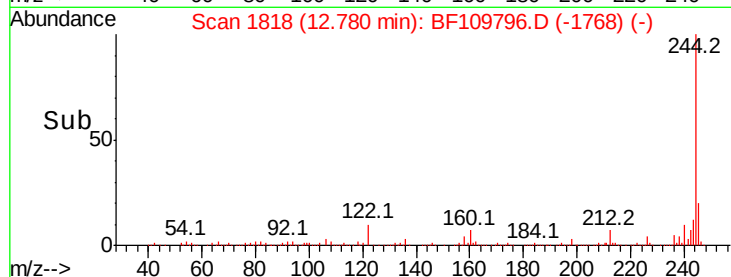
122 10.4 8.7 13.1



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: BF109796.D

Acq: 11 Oct 2018 19:37

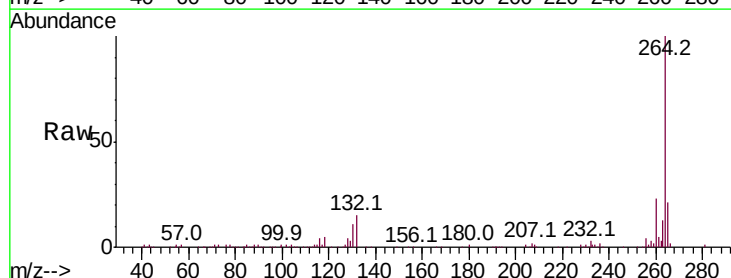
Tgt Ion:264 Resp: 234661

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.4 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

