

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110180.D
 Acq On : 26 Oct 2018 00:19
 Operator : JU/SJ
 Sample : J5610-11 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Quant Time: Oct 26 07:04:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	128542	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	492306	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	193065	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	313932	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	236375	20.00	ng	-0.02
87) Perylene-d12	15.67	264	171723	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	75898	9.62	ng	-0.02
7) Phenol-d6	6.57	99	95350	9.44	ng	-0.03
23) Nitrobenzene-d5	7.52	82	53368	6.43	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	13656	7.14	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	104571	8.51	ng	-0.02
79) Terphenyl-d14	13.08	244	83531	7.35	ng	-0.02

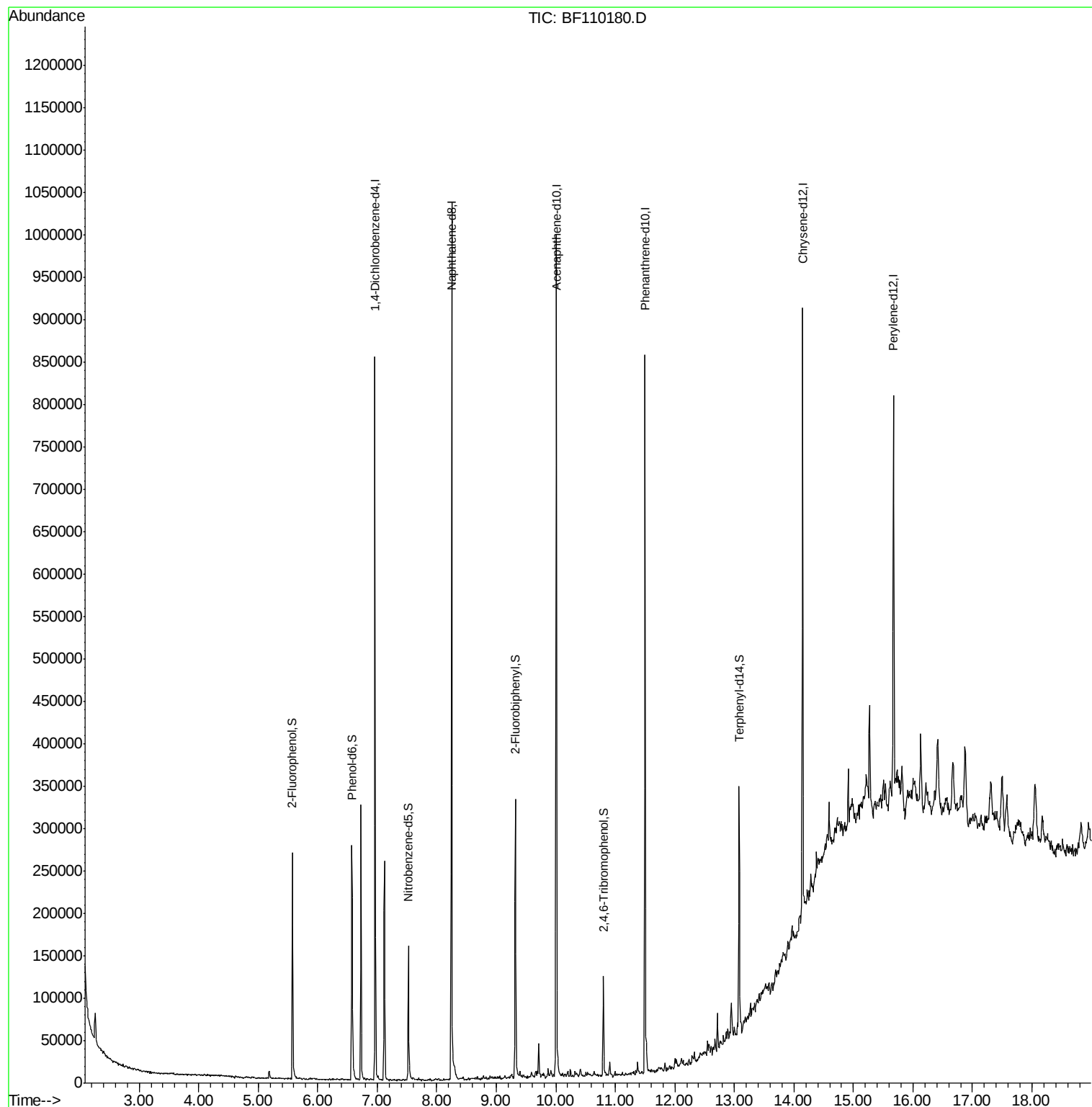
Target Compounds Qvalue

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

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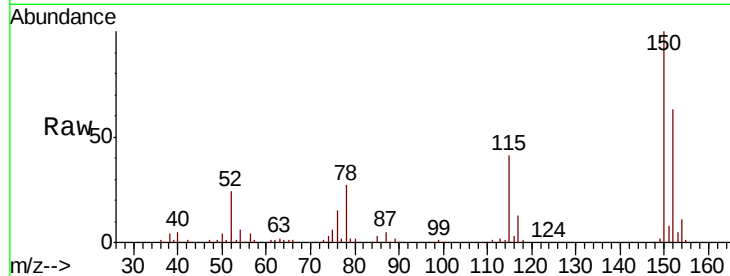


#1

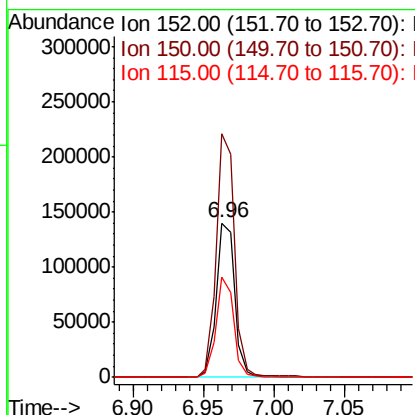
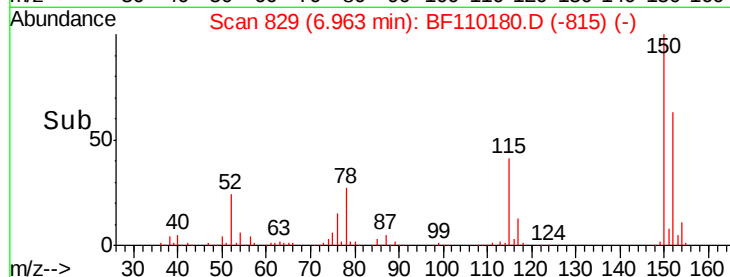
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion:152 Resp: 128542
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 64.8 49.1 73.7



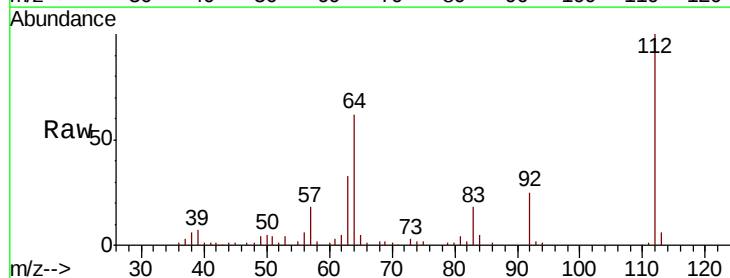
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



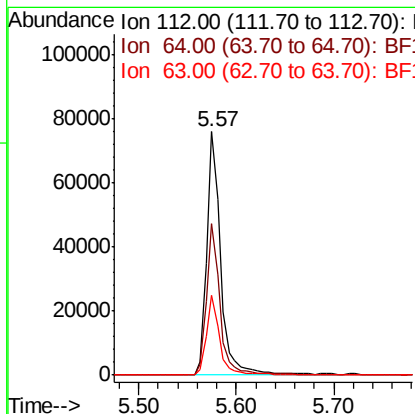
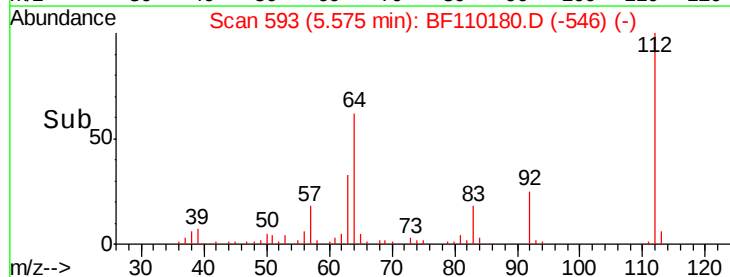
#5

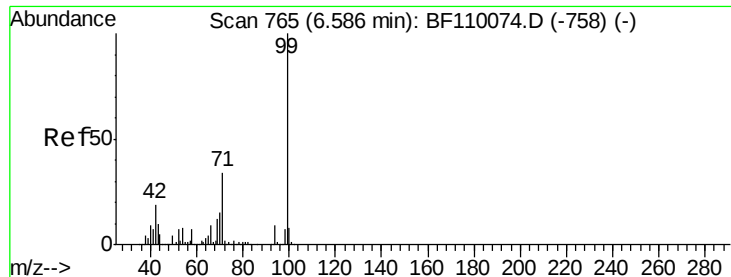
2-Fluorophenol
Concen: 9.615 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Tgt Ion:112 Resp: 75898
Ion Ratio Lower Upper
112 100
64 62.2 44.1 66.1
63 32.7 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: 9.444 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF110180.D

Acq: 26 Oct 2018 00:19

Instrument :

BNA_F

ClientSampleId :

SB-7(0-2)

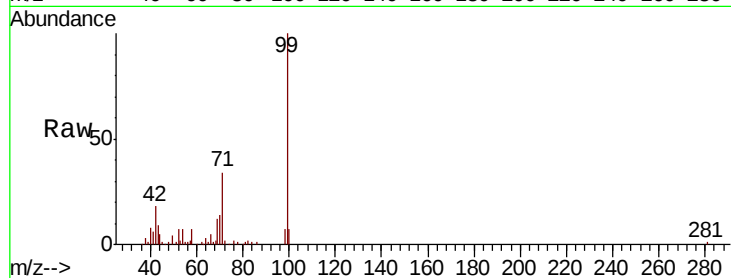
Tot Ion: 99 Resp: 95350

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

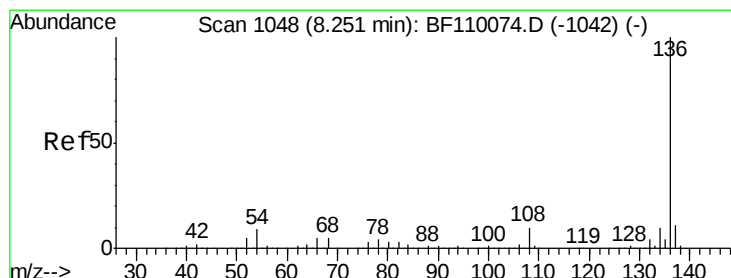
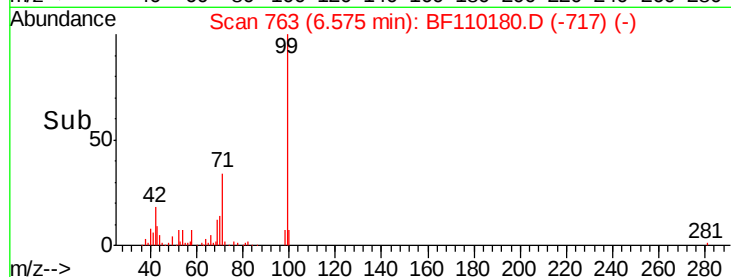
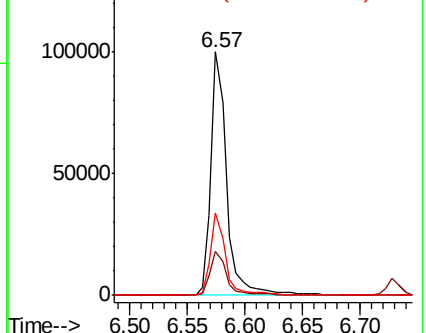
71 33.9 28.0 42.0



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110180.D

Acq: 26 Oct 2018 00:19

Tgt Ion: 136 Resp: 492306

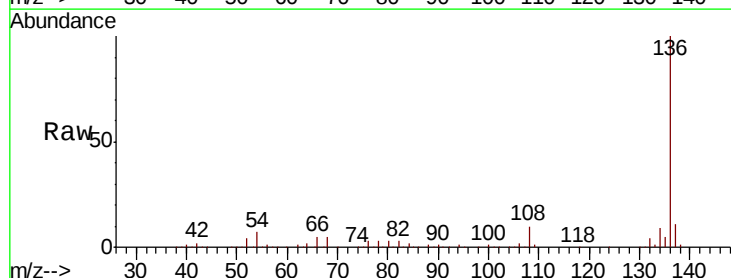
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.4 5.4 8.2

68 5.3 4.2 6.2

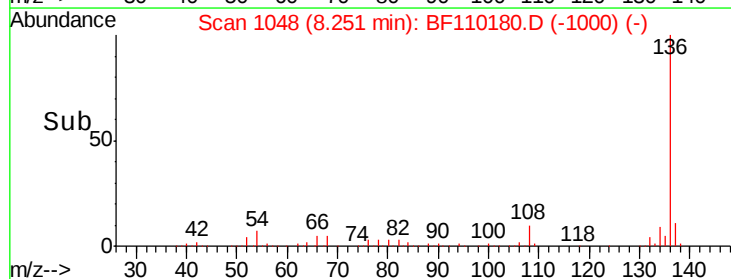
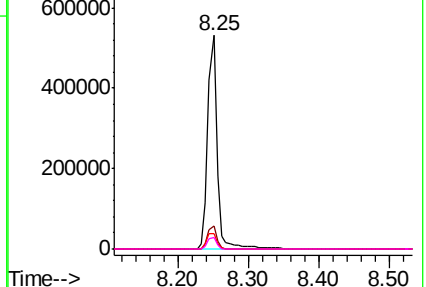


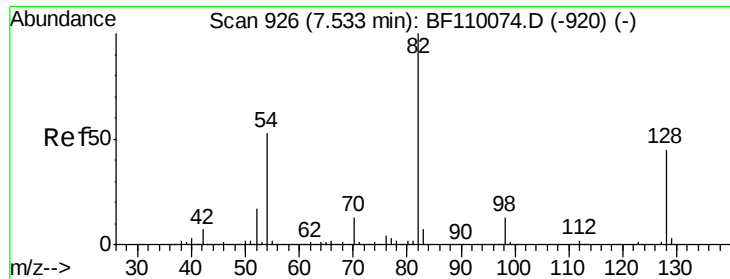
Abundance Ion 136.00 (135.70 to 136.70): E

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

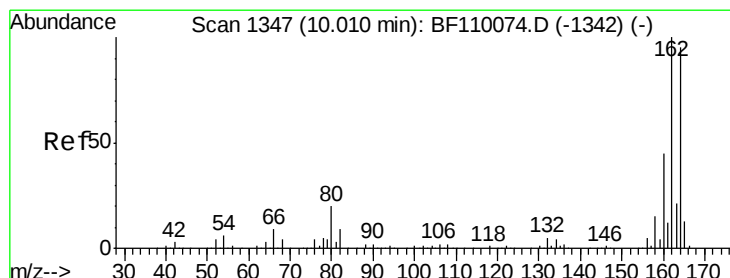
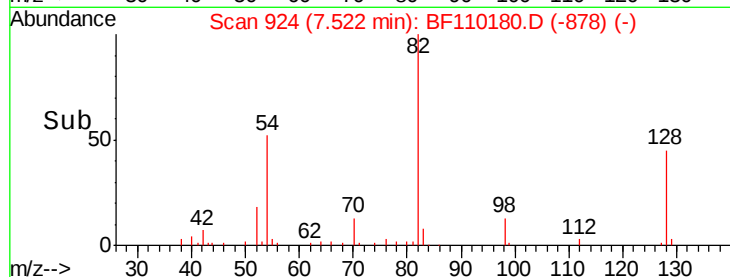
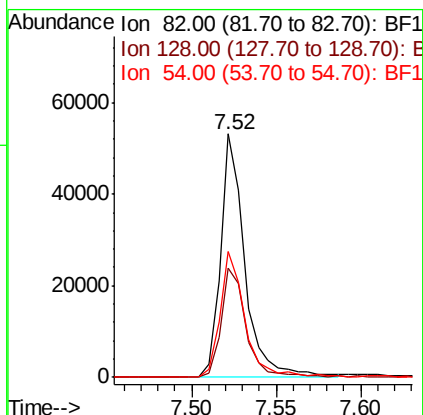
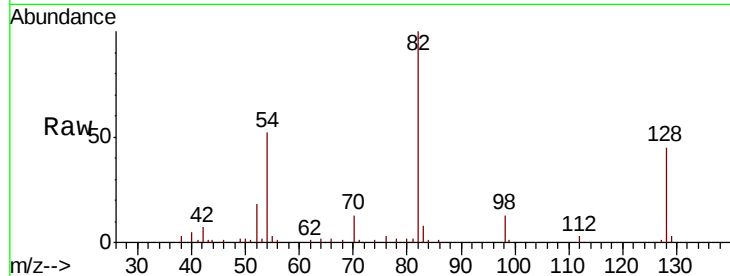




#23
 Nitrobenzene-d5
 Concen: 6.430 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

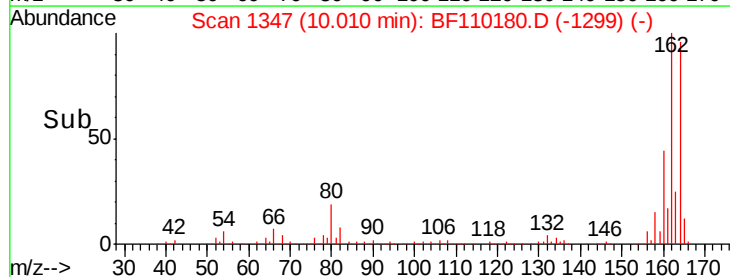
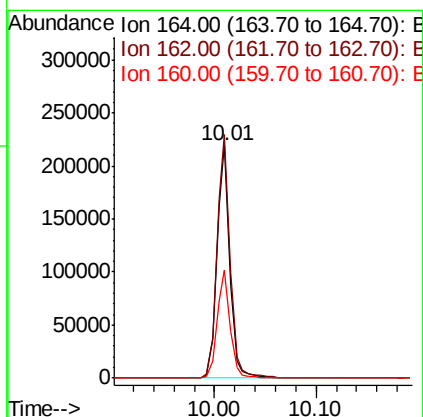
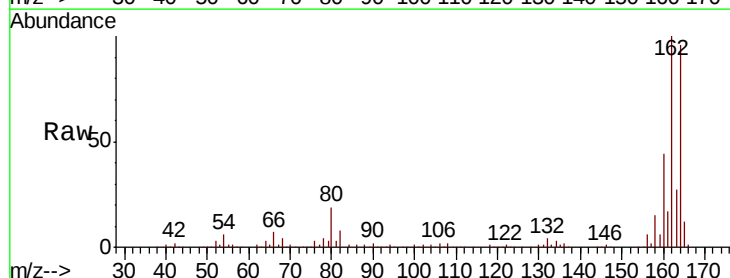
Instrument :
 BNA_F
 ClientSampled :
 SB-7(0-2)

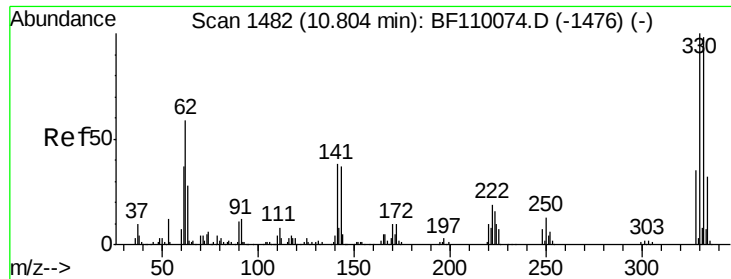
Tot Ion	82	Resp	53368
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.2	51.2
54	51.9	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

Tgt Ion	164	Resp	193065
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.0	124.6
160	46.4	37.0	55.6

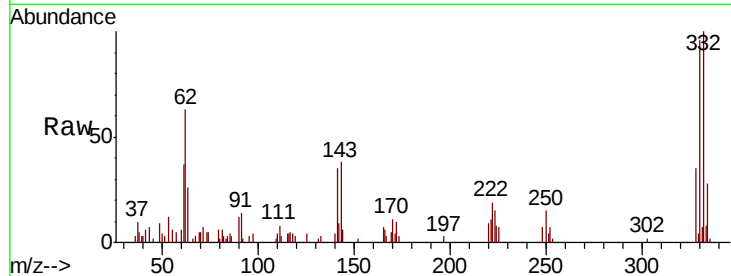




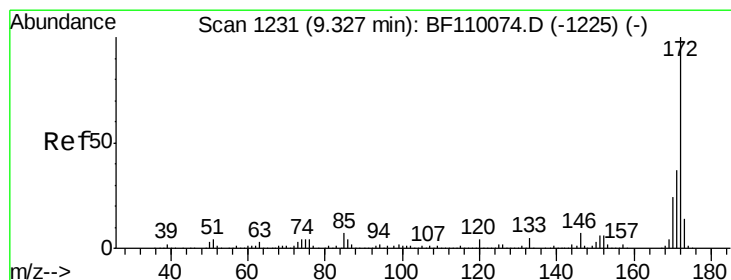
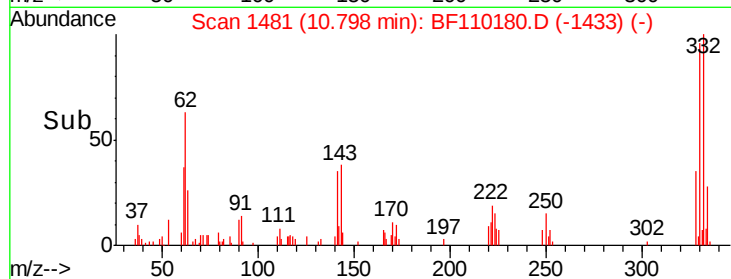
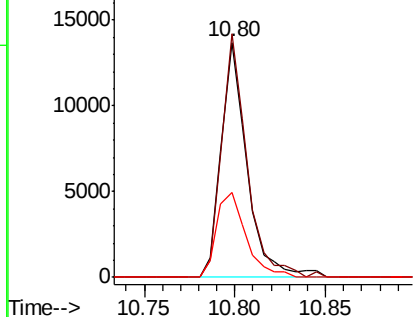
#42
 2,4,6-Tribromophenol
 Concen: 7.141 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.7	77.1	115.7
141	41.1	27.0	40.4

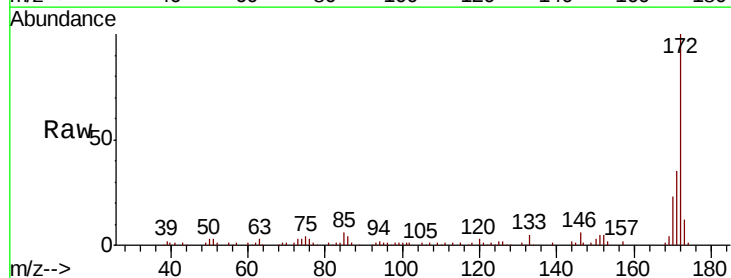


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

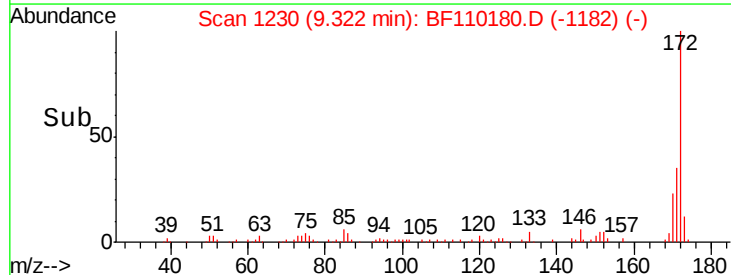
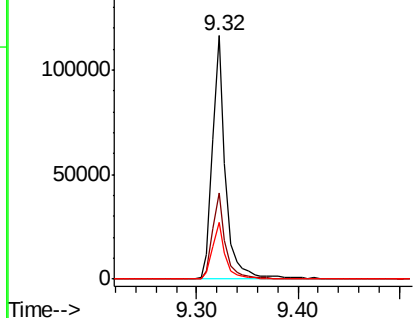


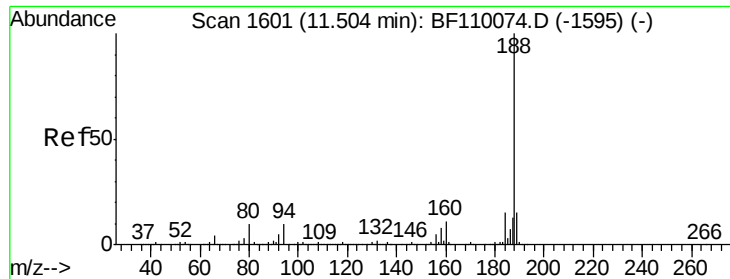
#45
 2-Fluorobiphenyl
 Concen: 8.505 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.1	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

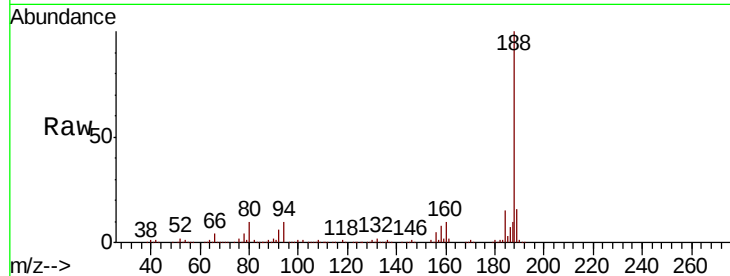




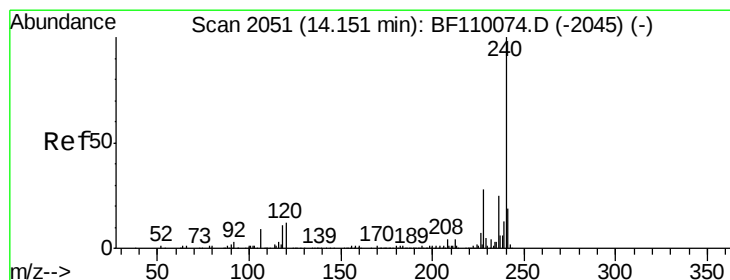
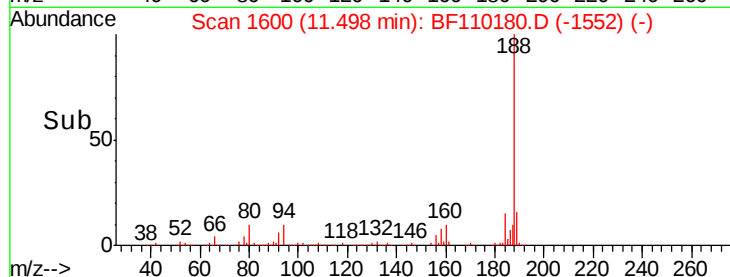
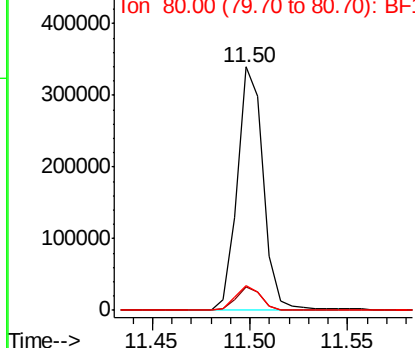
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion:188 Resp: 313932
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.1 7.9 11.9

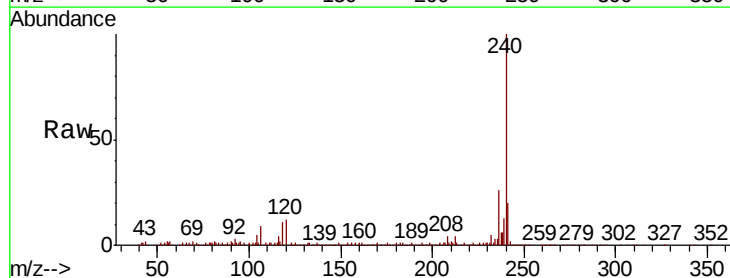


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

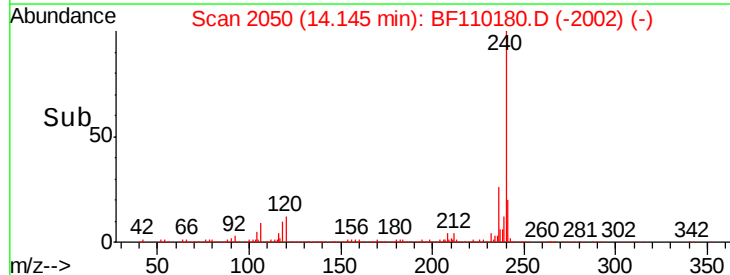
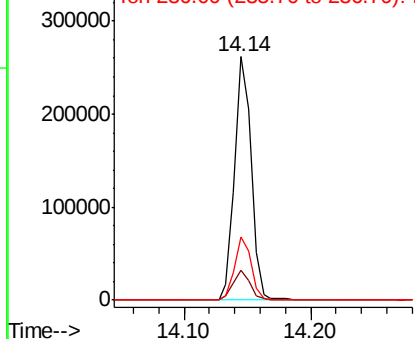


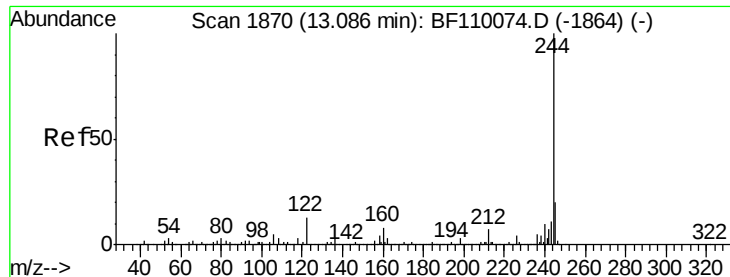
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Tgt Ion:240 Resp: 236375
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 26.2 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





#79

Terphenyl-d14

Concen: 7.349 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BF110180.D

Acq: 26 Oct 2018 00:19

Instrument :

BNA_F

ClientSampled :

SB-7(0-2)

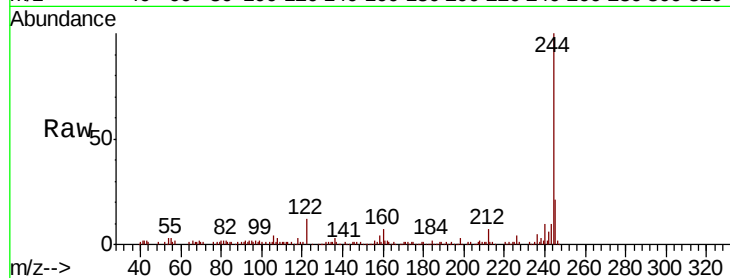
Tot Ion:244 Resp: 83531

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

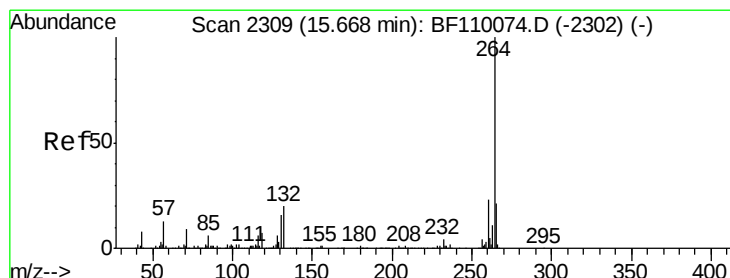
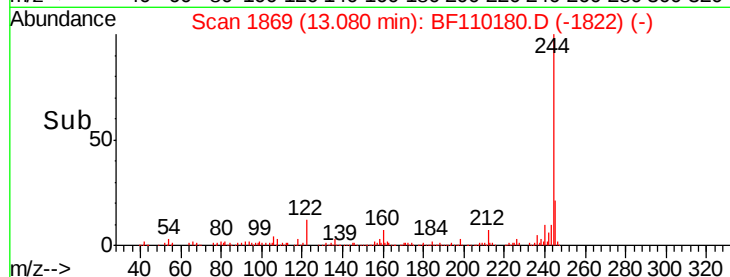
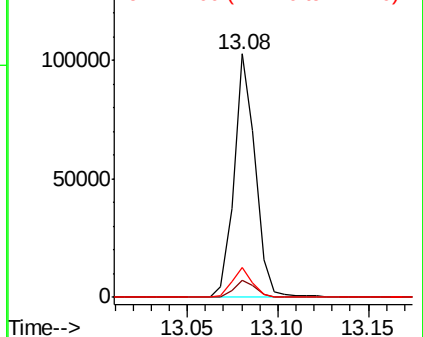
122 12.1 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110180.D

Acq: 26 Oct 2018 00:19

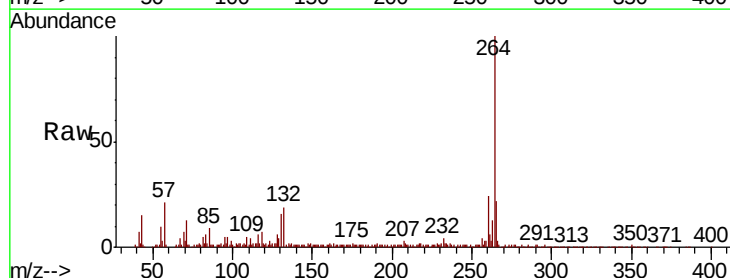
Tgt Ion:264 Resp: 171723

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.8 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

