

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110522.D
 Acq On : 6 Nov 2018 18:29
 Operator : JU/SJ
 Sample : J5822-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Nov 07 09:42:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85681	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	359089	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	182129	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	352621	20.00	ng	0.00
76) Chrysene-d12	14.13	240	192051	20.00	ng	0.00
87) Perylene-d12	15.66	264	160249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	245738	46.70	ng	0.00
7) Phenol-d6	6.57	99	193474	28.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	464930	76.80	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	191055	105.90	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	903472	77.89	ng	0.00
79) Terphenyl-d14	13.07	244	877412	95.01	ng	0.00

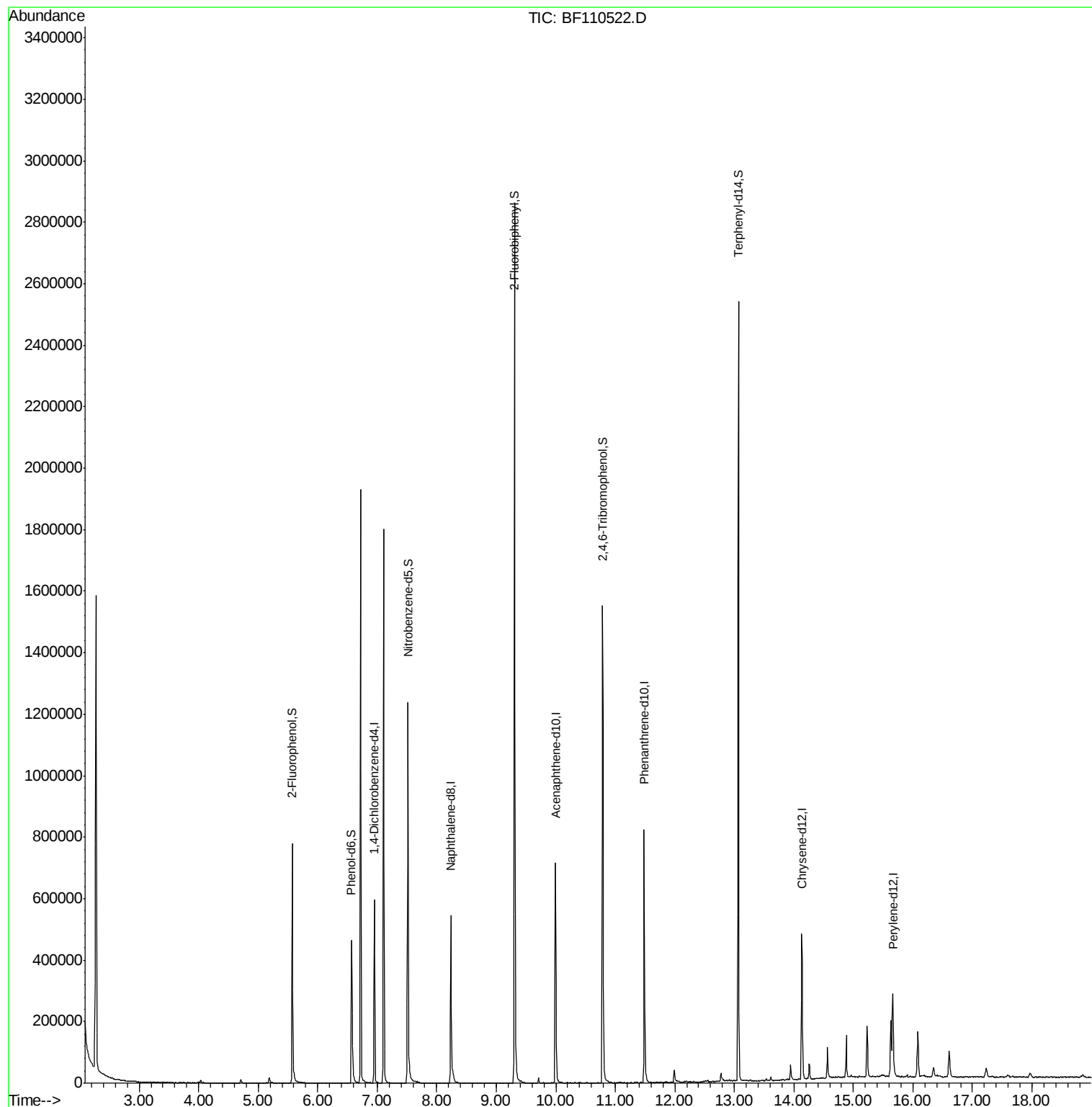
Target Compounds Qvalue

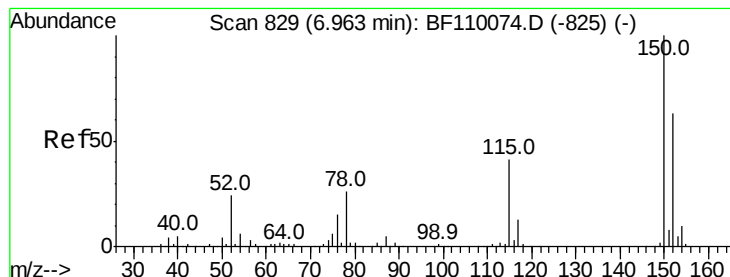
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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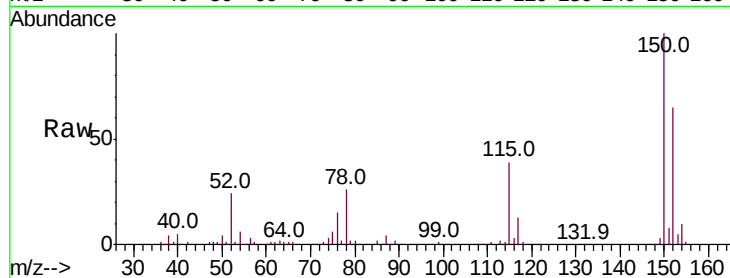


#1

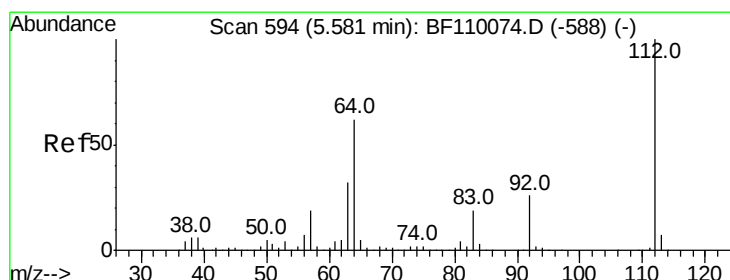
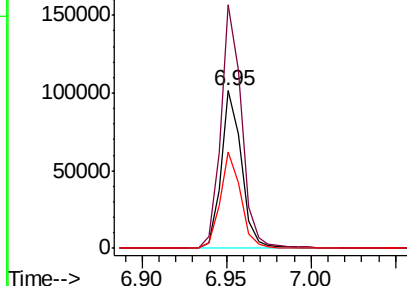
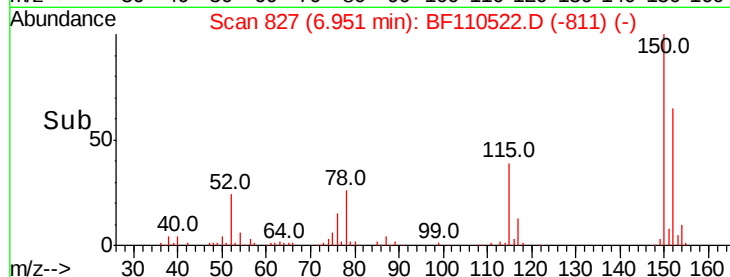
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110522.D
Acq: 6 Nov 2018 18:29

Instrument :
BNA_F
ClientSampled :
MW-8

Tot Ion:152 Resp: 85681
Ion Ratio Lower Upper
152 100
150 154.7 122.7 184.1
115 60.9 49.1 73.7



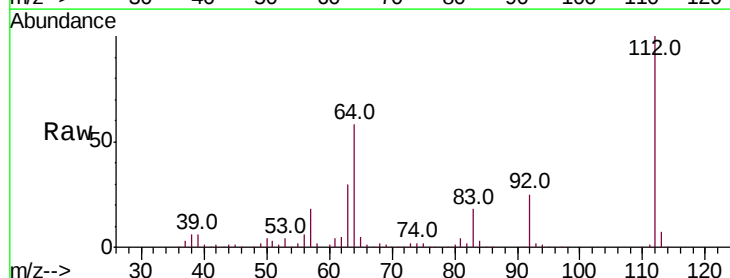
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



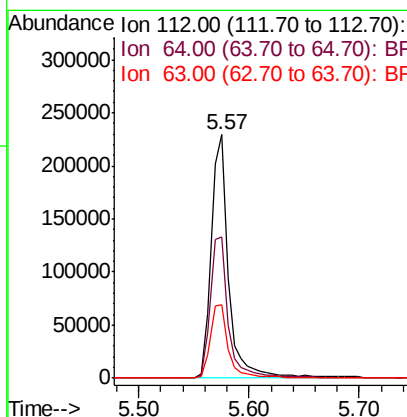
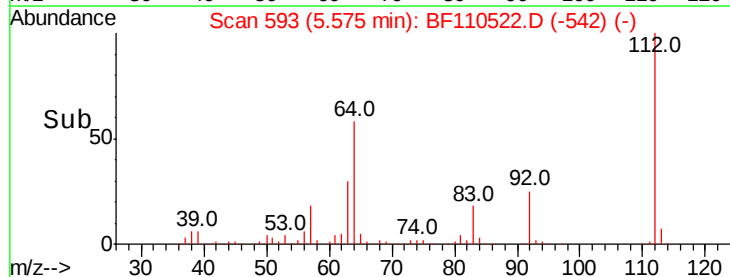
#5

2-Fluorophenol
Concen: 46.705 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110522.D
Acq: 6 Nov 2018 18:29

Tgt Ion:112 Resp: 245738
Ion Ratio Lower Upper
112 100
64 58.0 44.1 66.1
63 30.3 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: 28.749 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

Instrument :

BNA_F

ClientSampleId :

MW-8

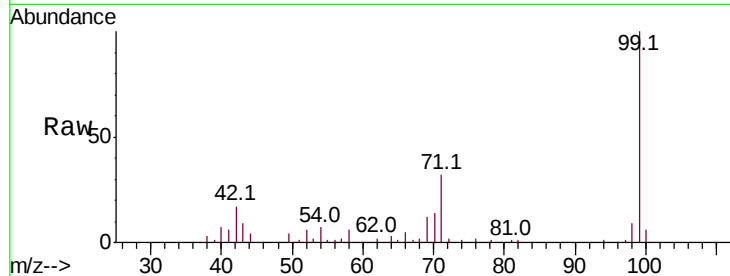
Tot Ion: 99 Resp: 193474

Ion Ratio Lower Upper

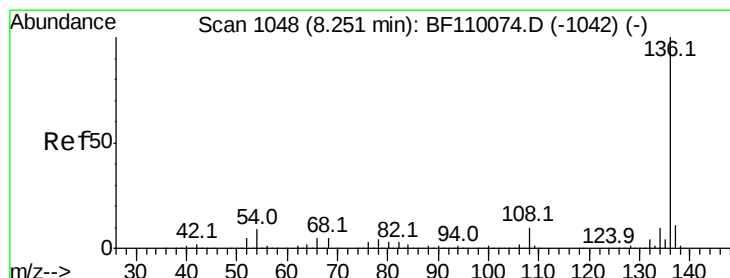
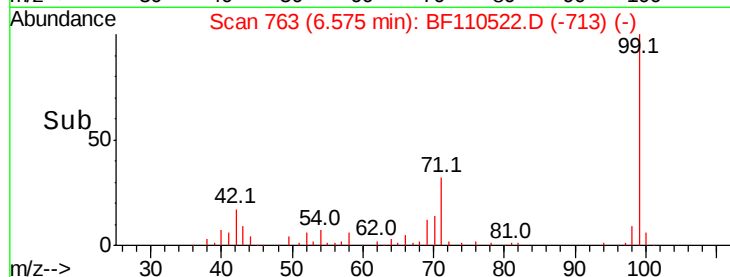
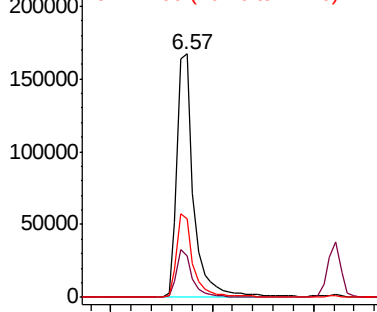
99 100

42 17.2 15.8 23.6

71 32.5 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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

Tgt Ion: 136 Resp: 359089

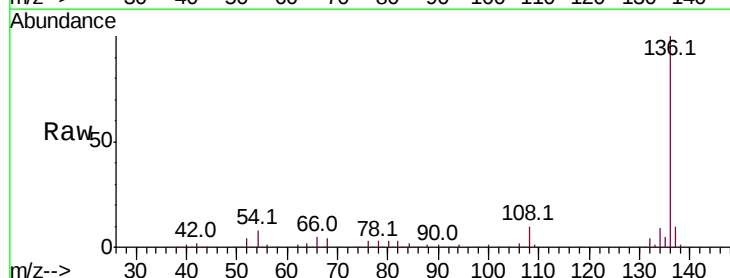
Ion Ratio Lower Upper

136 100

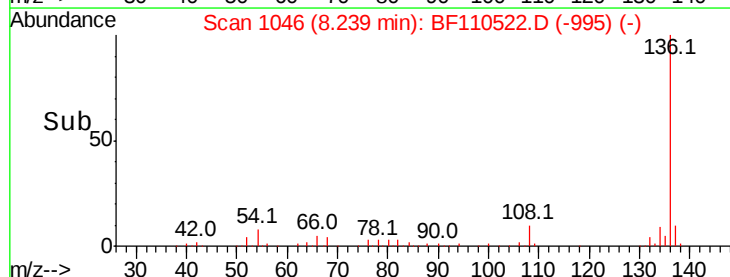
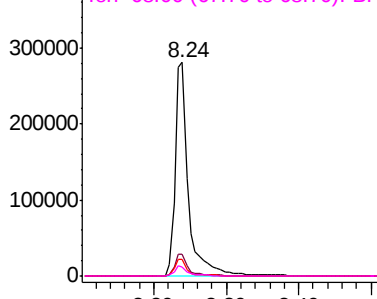
137 10.3 8.8 13.2

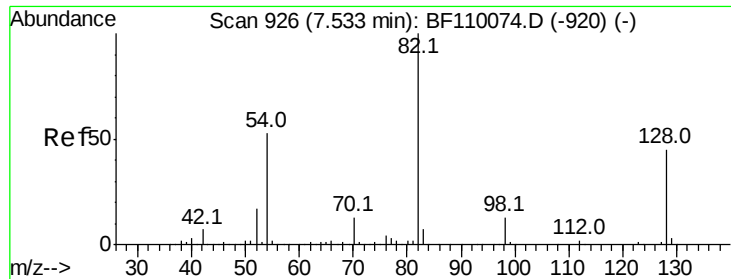
54 7.6 5.4 8.2

68 4.4 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

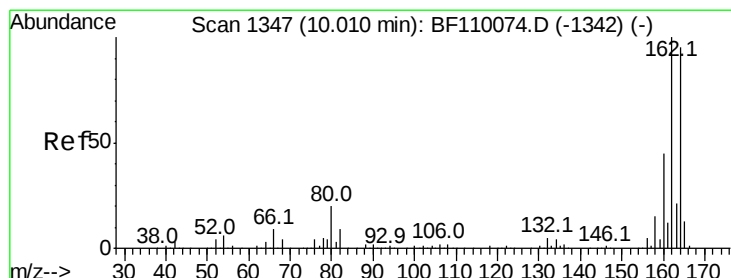
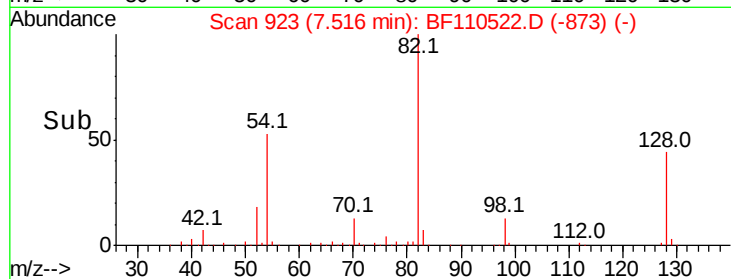
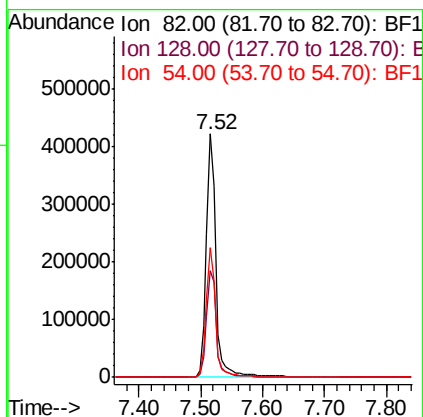
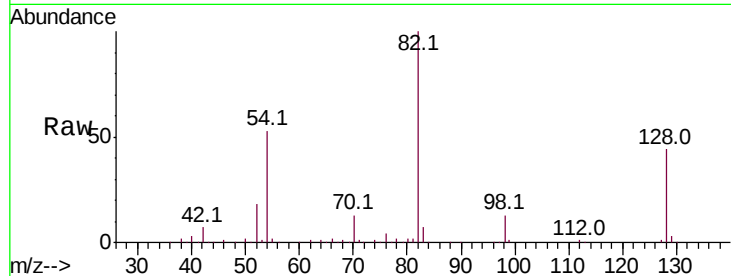




#23
 Nitrobenzene-d5
 Concen: 76.796 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

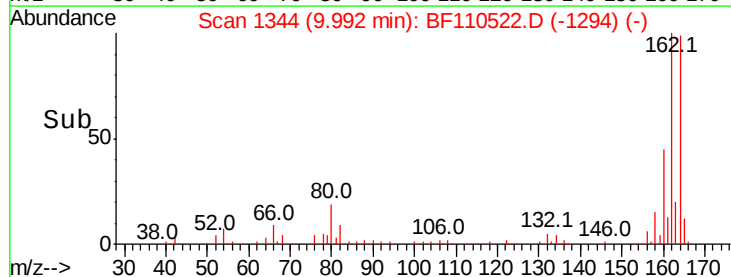
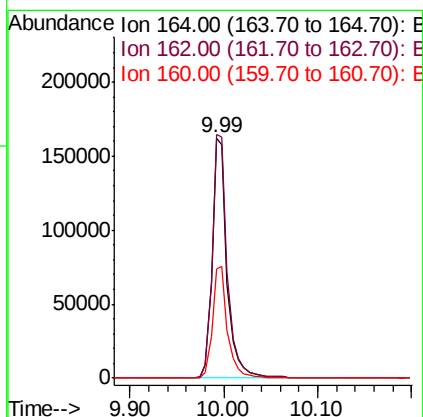
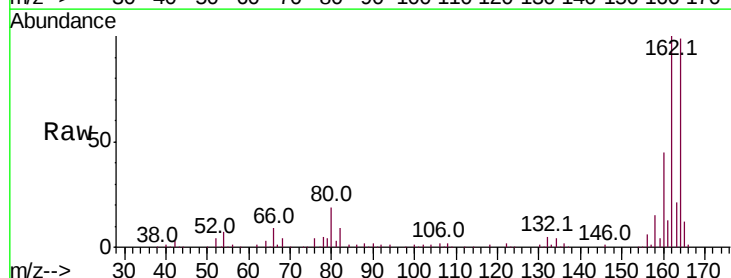
Instrument :
 BNA_F
 ClientSampleId :
 MW-8

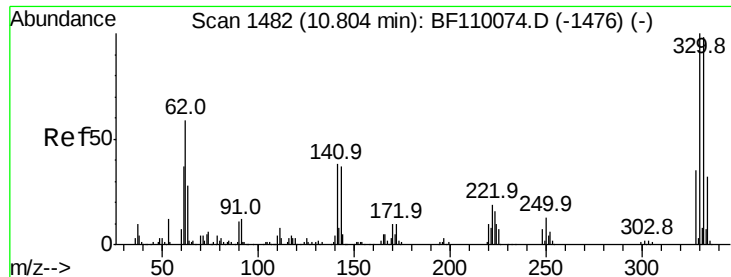
Tot Ion	82	Resp	464930
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.2	51.2
54	53.2	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

Tgt Ion	164	Resp	182129
Ion Ratio	Lower	Upper	
164	100		
162	101.4	83.0	124.6
160	45.5	37.0	55.6

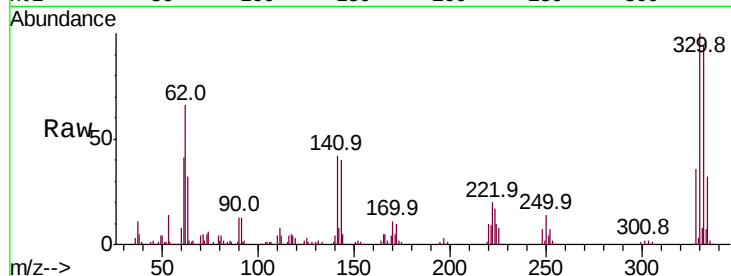




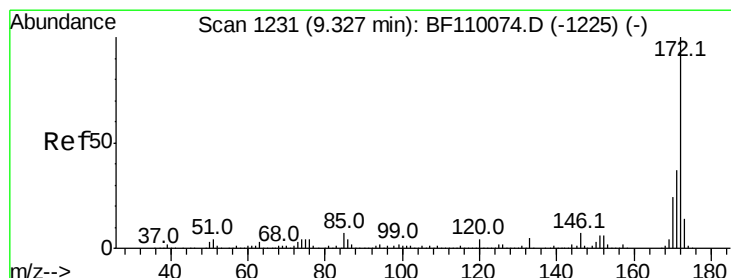
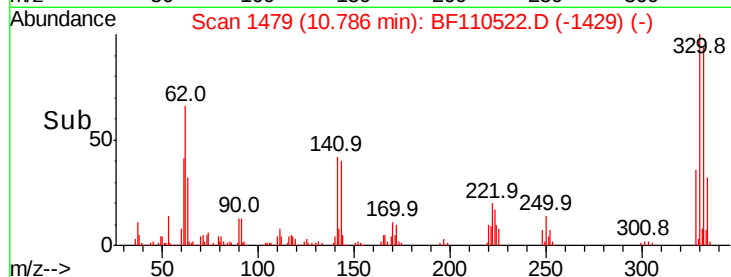
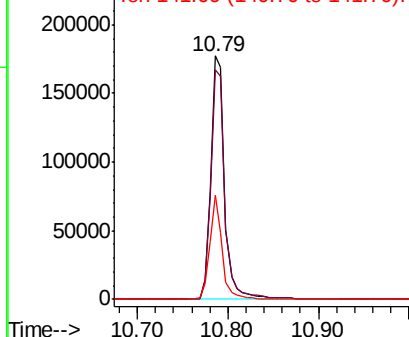
#42
 2,4,6-Tribromophenol
 Concen: 105.900 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	38.4	27.0	40.4

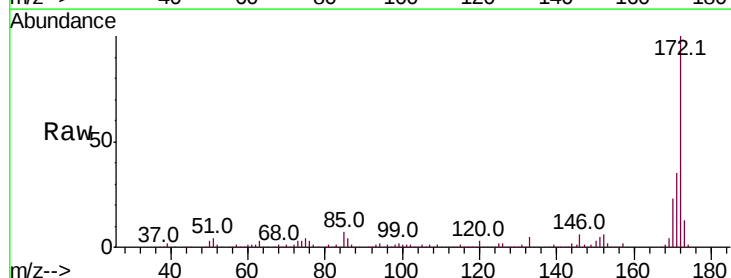


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

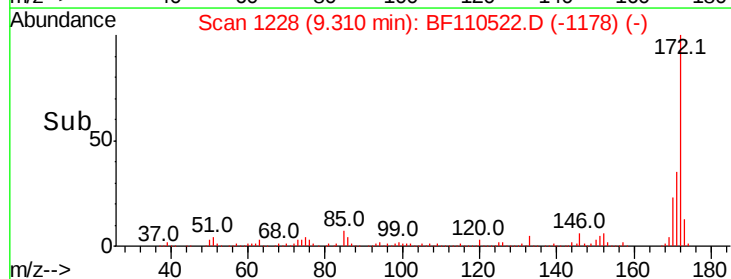
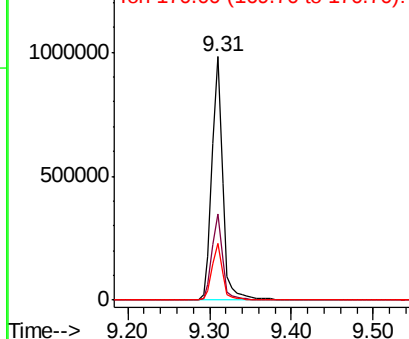


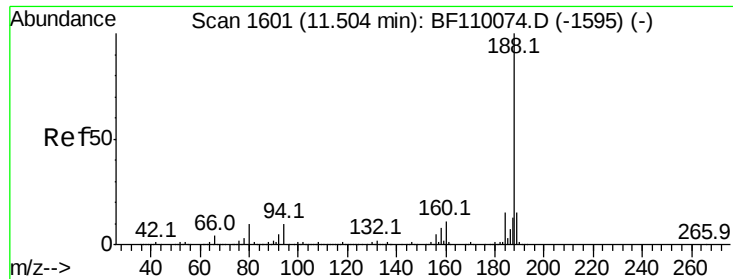
#45
 2-Fluorobiphenyl
 Concen: 77.894 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.5	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

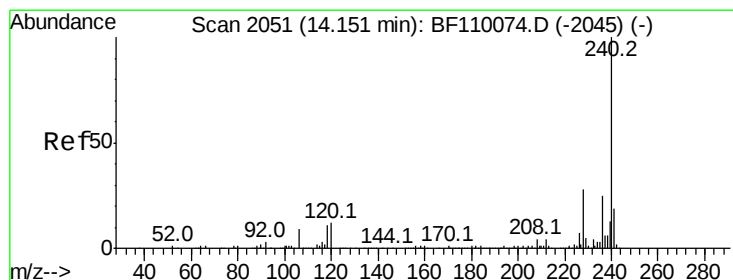
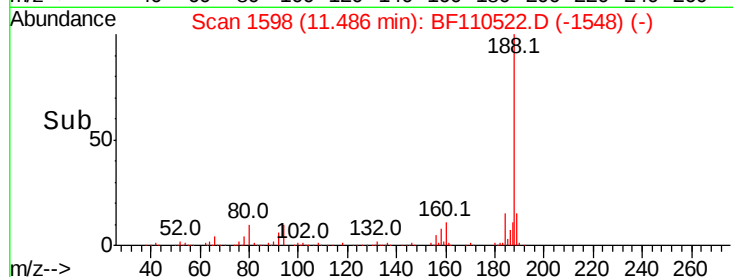
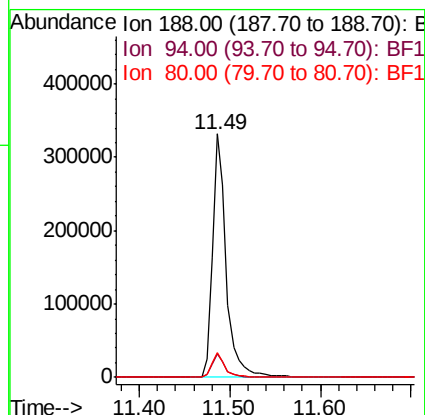
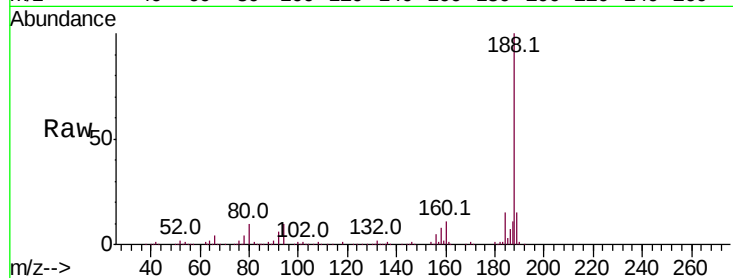




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110522.D
Acq: 6 Nov 2018 18:29

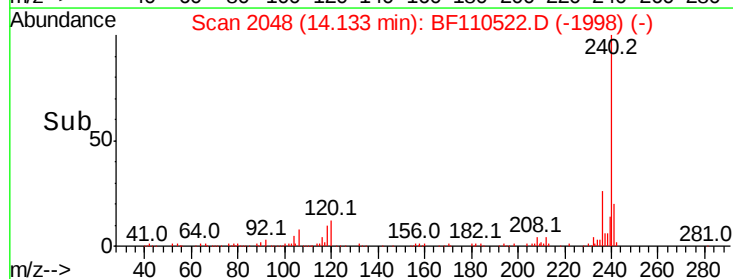
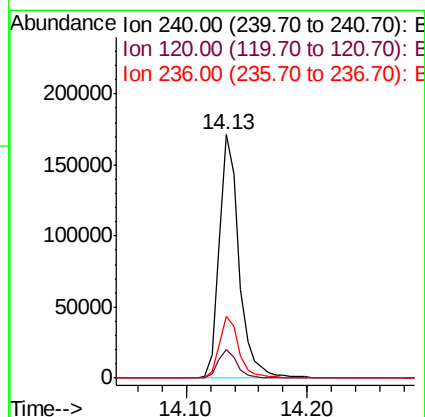
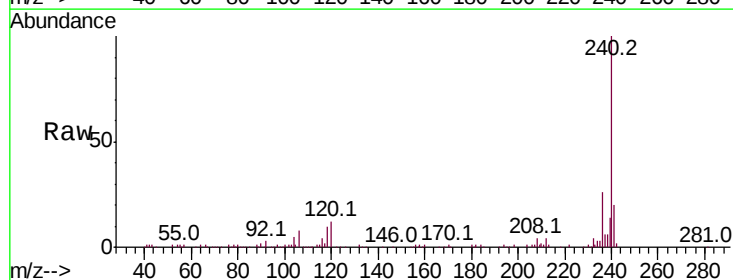
Instrument :
BNA_F
ClientSampleId :
MW-8

Tot Ion:188 Resp: 352621
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110522.D
Acq: 6 Nov 2018 18:29

Tgt Ion:240 Resp: 192051
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.6 21.2 31.8





#79

Terphenyl-d14

Concen: 95.015 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

Instrument :

BNA_F

ClientSampleId :

MW-8

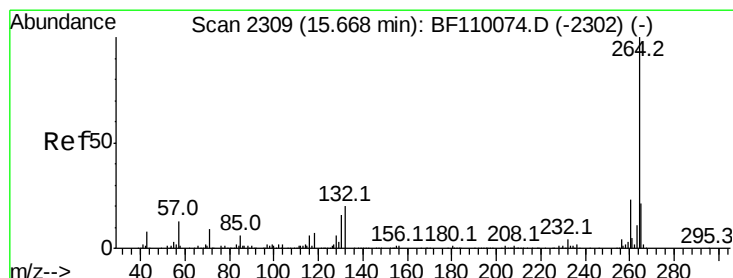
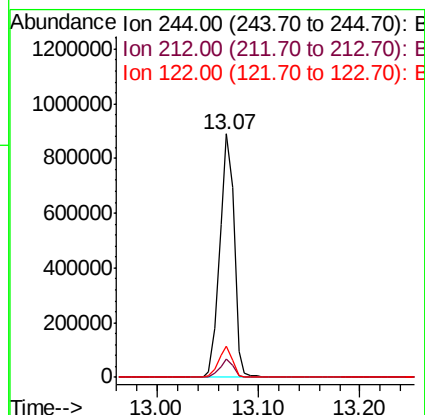
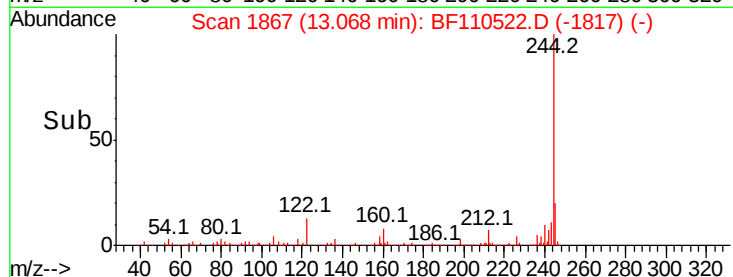
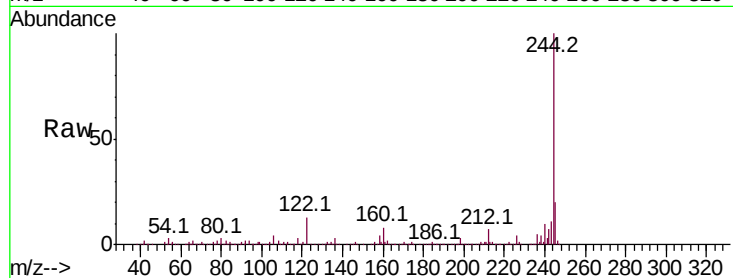
Tot Ion:244 Resp: 877412

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 13.0 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

Tgt Ion:264 Resp: 160249

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

265 22.1 16.7 25.1

