

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110750.D
 Acq On : 14 Nov 2018 6:00
 Operator : JU/SJ
 Sample : J5916-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-S

Quant Time: Nov 14 07:22:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65528	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	254252	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	94432	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	150393	20.00	ng	0.00
76) Chrysene-d12	14.13	240	131912	20.00	ng	-0.01
87) Perylene-d12	15.66	264	82032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	189539	46.98	ng	0.00
7) Phenol-d6	6.56	99	138824	26.91	ng	-0.01
23) Nitrobenzene-d5	7.51	82	488459	110.64	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	83454	87.71	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	805668	121.85	ng	0.00
79) Terphenyl-d14	13.06	244	587798	83.45	ng	0.00

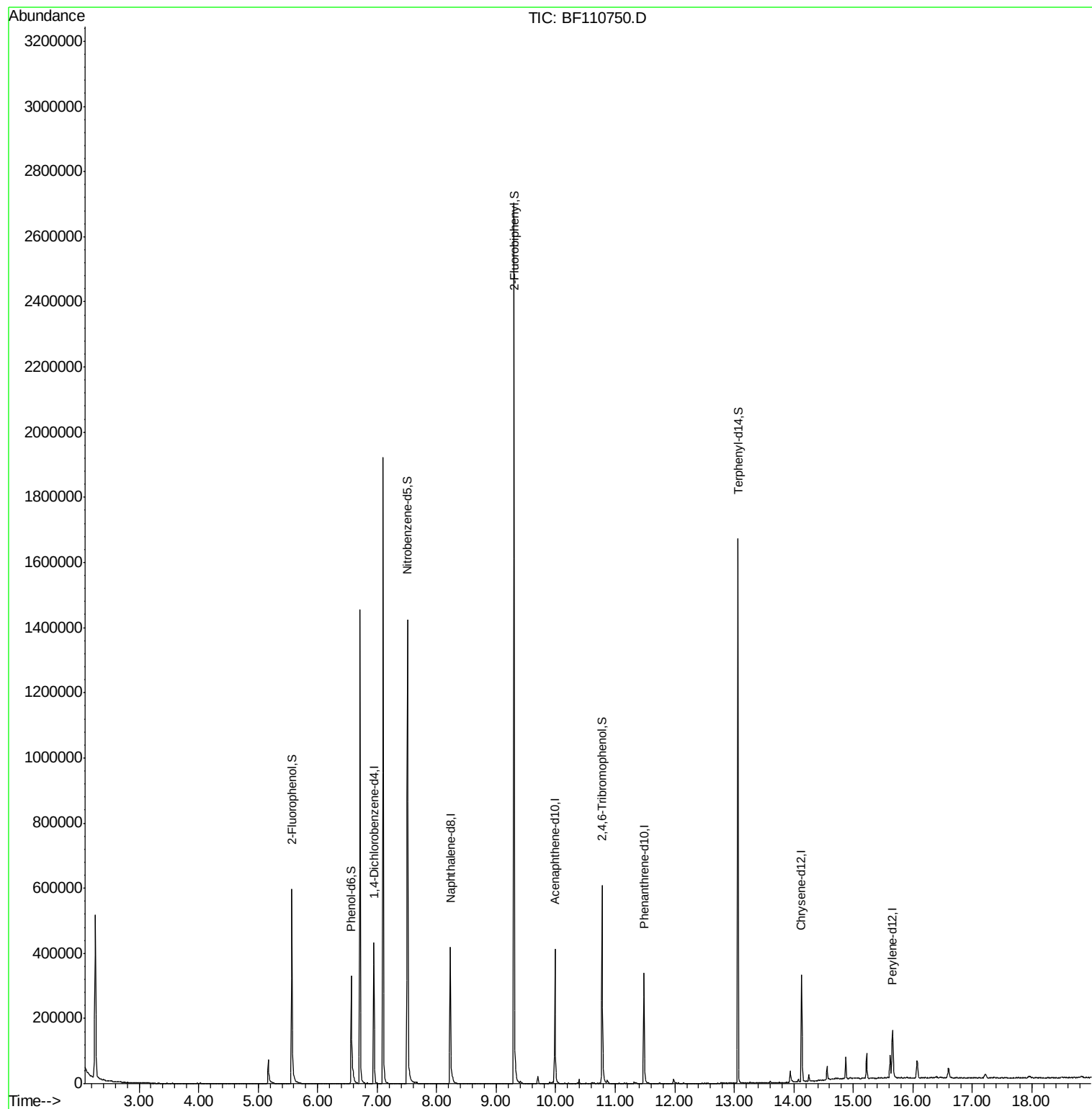
Target Compounds Qvalue

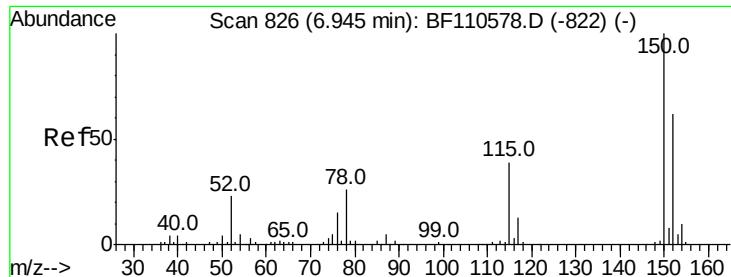
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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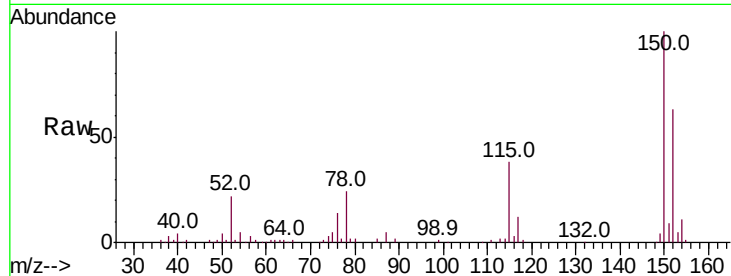


#1

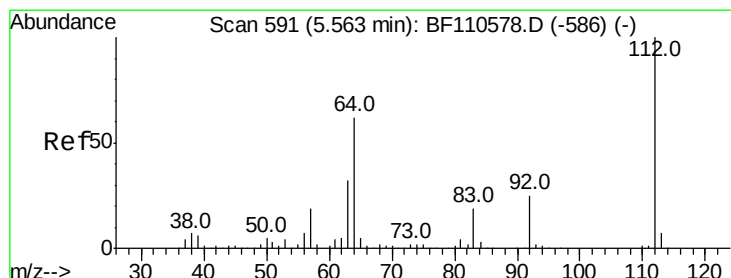
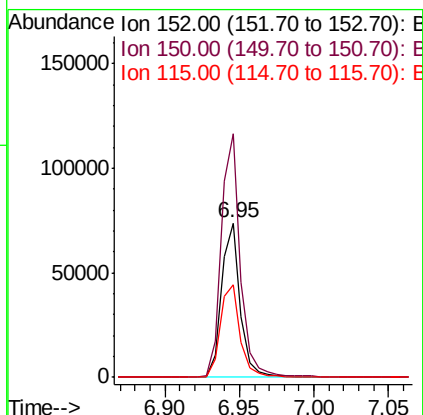
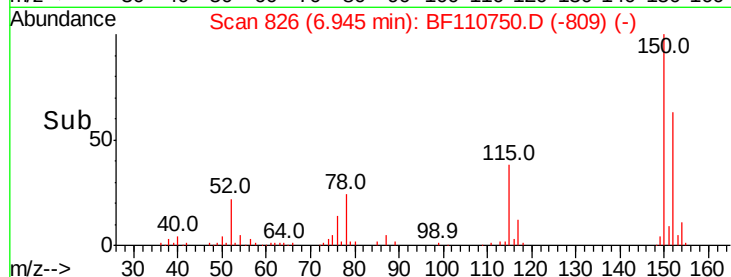
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-S

Tot Ion:152 Resp: 65528
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 60.0 49.1 73.7



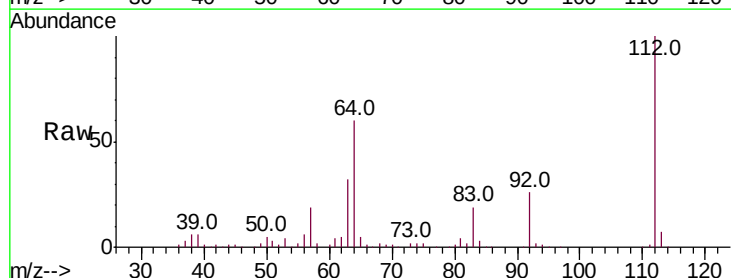
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



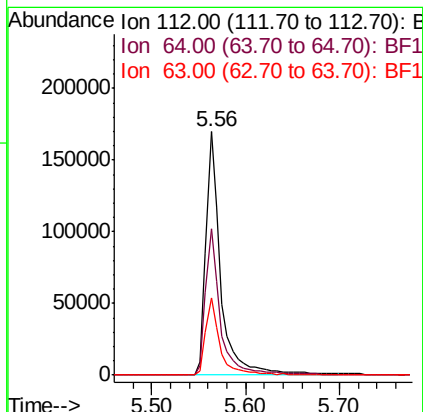
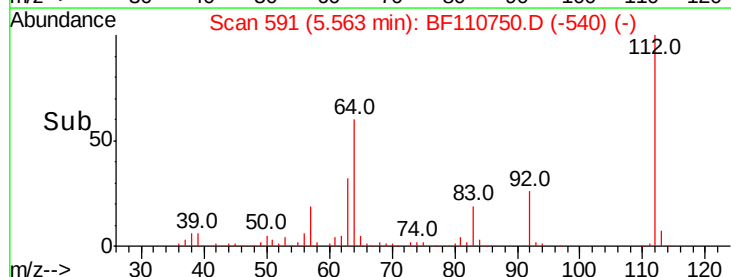
#5

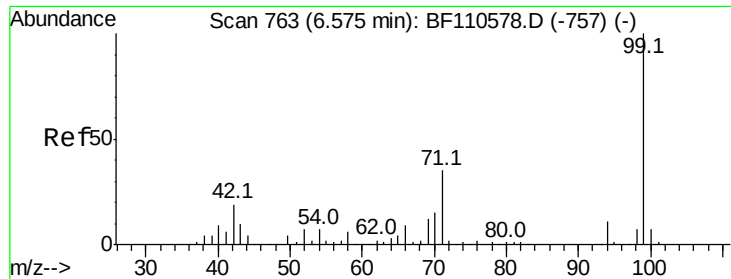
2-Fluorophenol
Concen: 46.983 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

Tgt Ion:112 Resp: 189539
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 31.7 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: 26.910 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110750.D

Acq: 14 Nov 2018 6:00

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-U-S

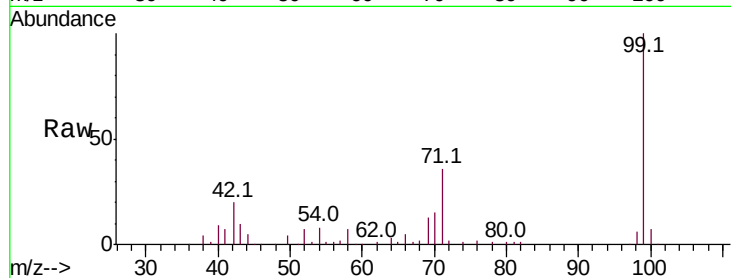
Tot Ion: 99 Resp: 138824

Ion Ratio Lower Upper

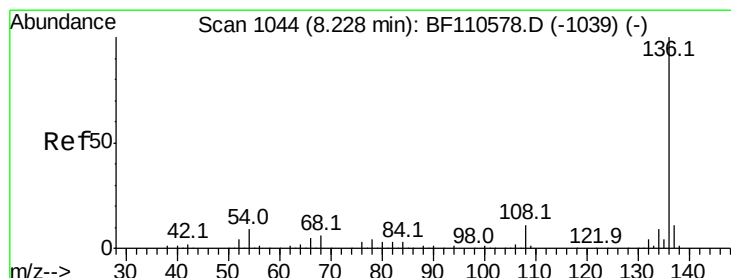
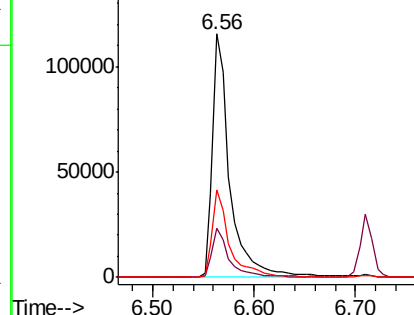
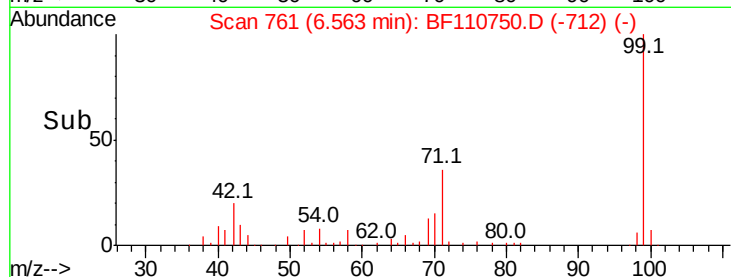
99 100

42 20.0 15.8 23.6

71 36.2 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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110750.D

Acq: 14 Nov 2018 6:00

Tgt Ion: 136 Resp: 254252

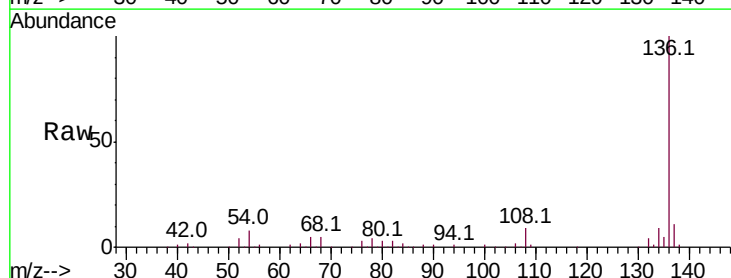
Ion Ratio Lower Upper

136 100

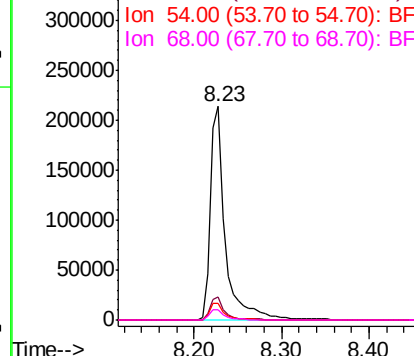
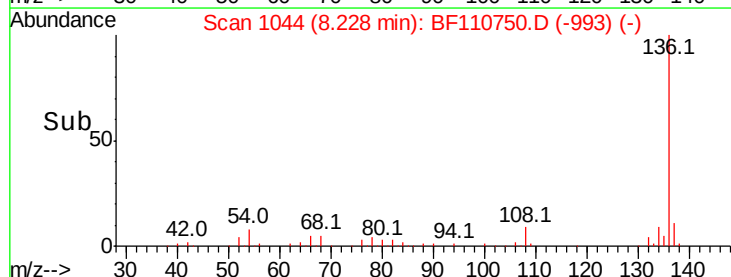
137 10.6 8.8 13.2

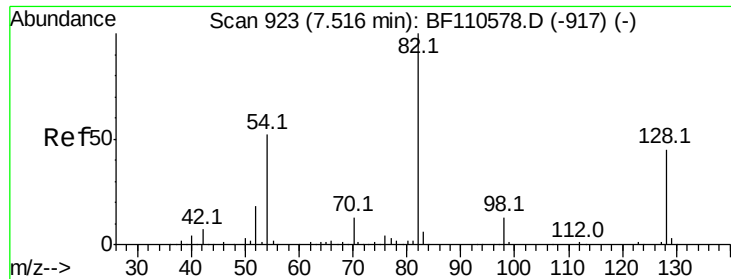
54 7.9 5.4 8.2

68 4.9 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

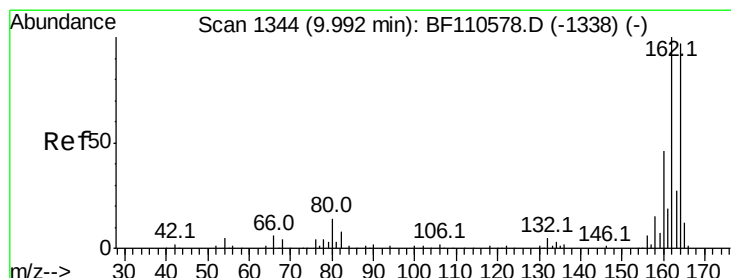
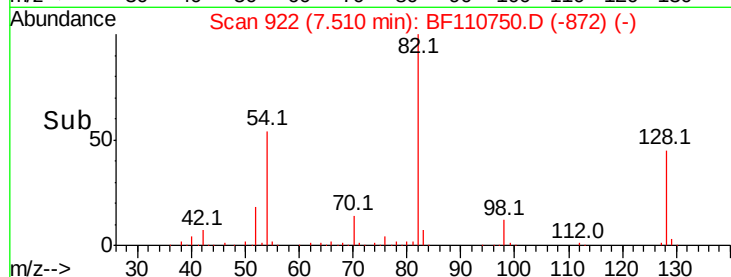
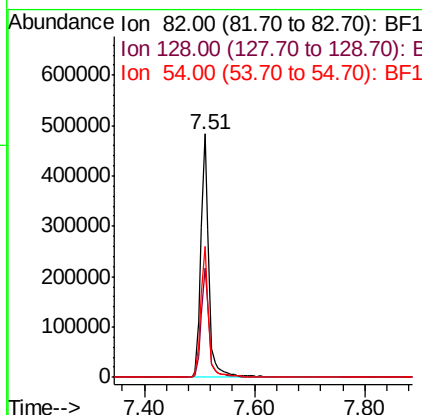
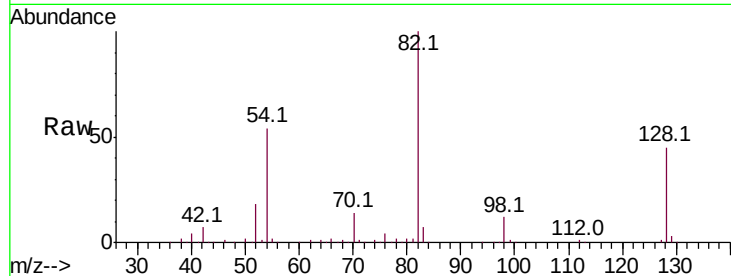




#23
 Nitrobenzene-d5
 Concen: 110.639 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

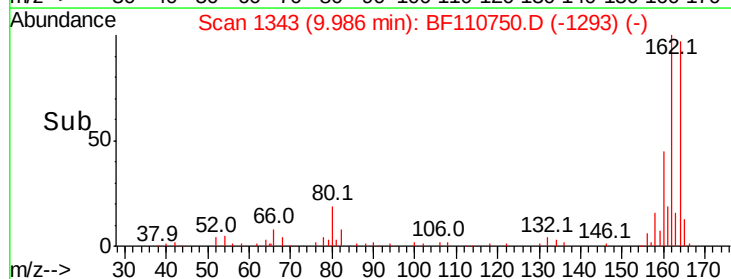
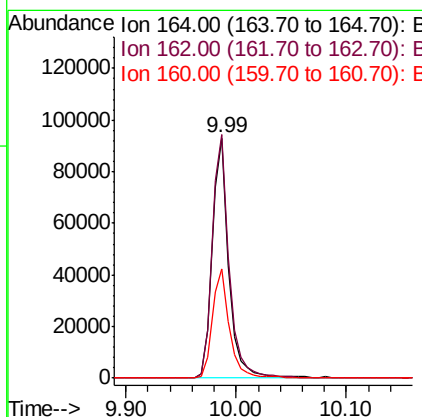
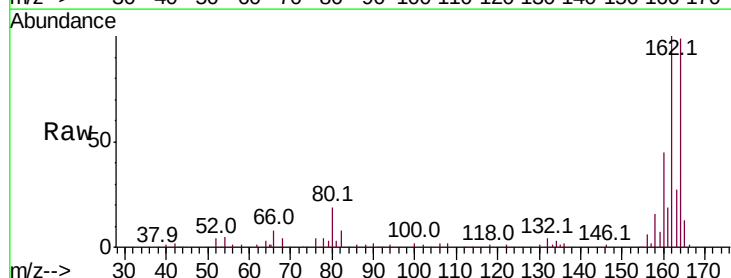
Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-S

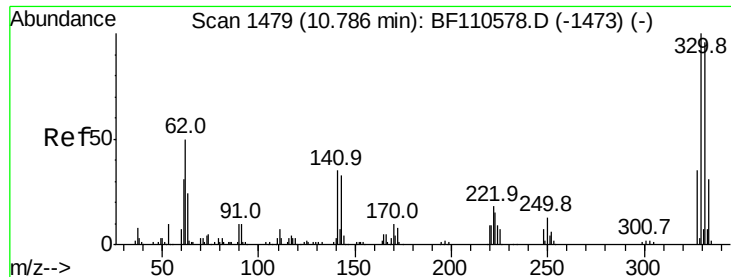
Tot Ion	82	Resp	488459
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.2	51.2
54	53.9	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Tgt Ion	164	Resp	94432
Ion Ratio	Lower	Upper	
164	100		
162	101.5	83.0	124.6
160	45.7	37.0	55.6

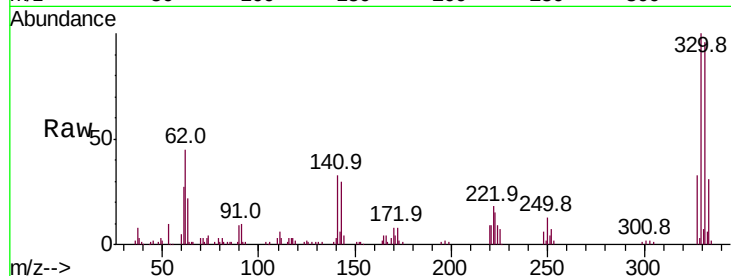




#42
 2,4,6-Tribromophenol
 Concen: 87.706 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	38.9	27.0	40.4

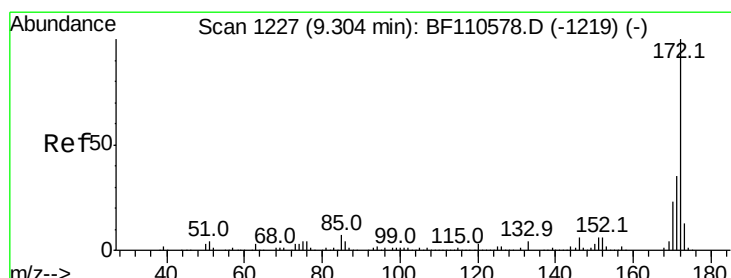
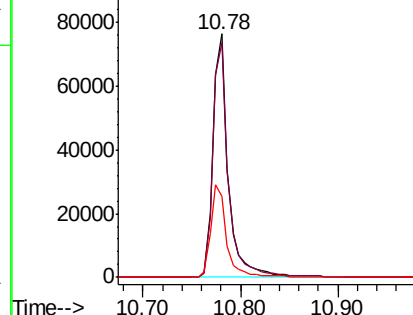
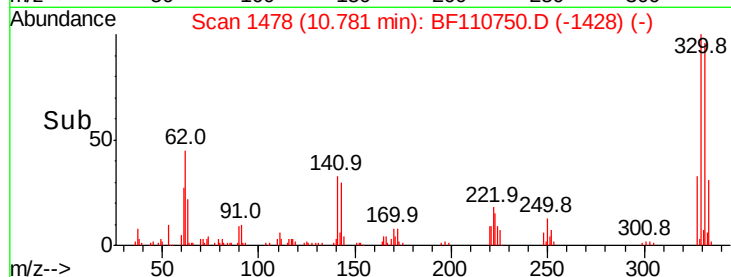


Abundance

Ion 329.80 (329.50 to 330.50): E

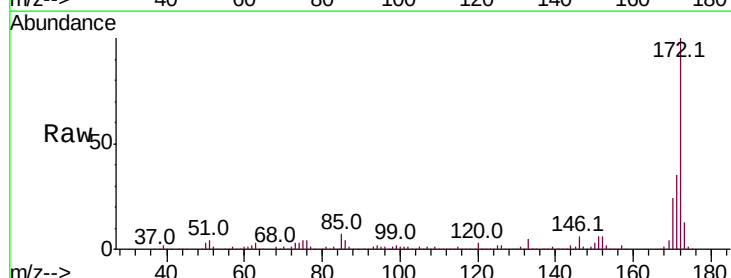
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 121.849 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.5	19.7	29.5

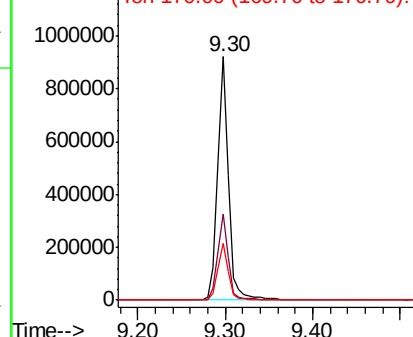
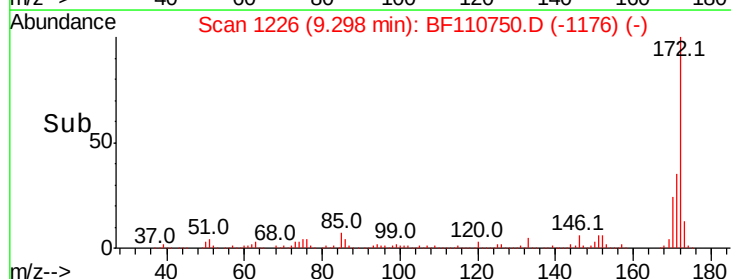


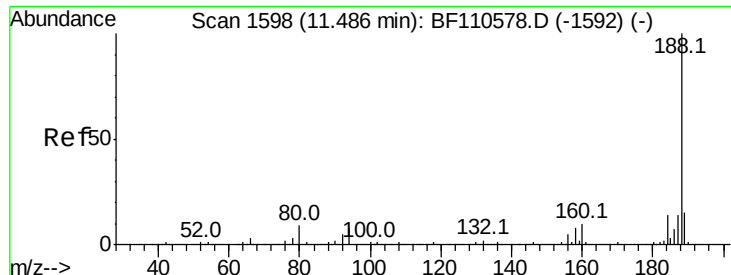
Abundance

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

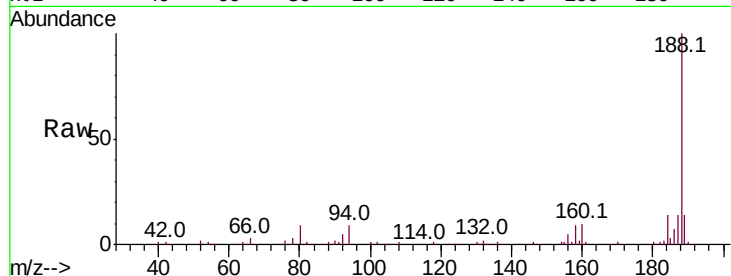




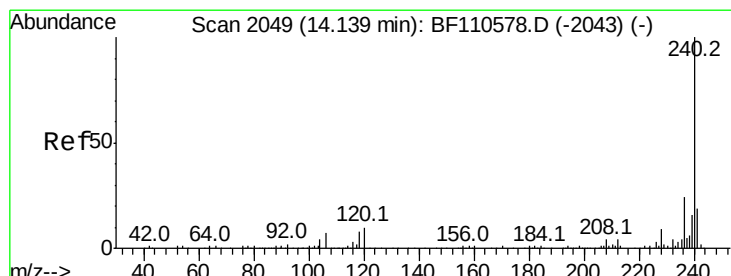
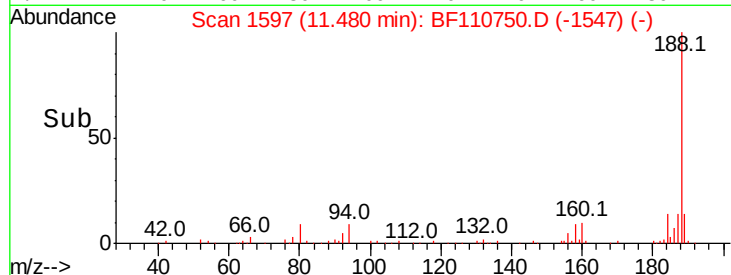
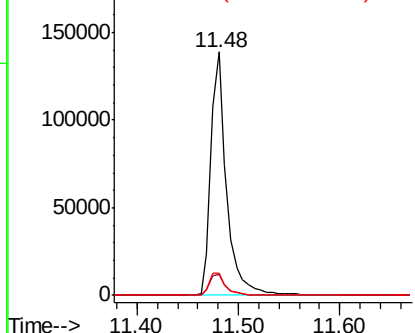
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-S

Tot Ion:188 Resp: 150393
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 8.9 7.9 11.9

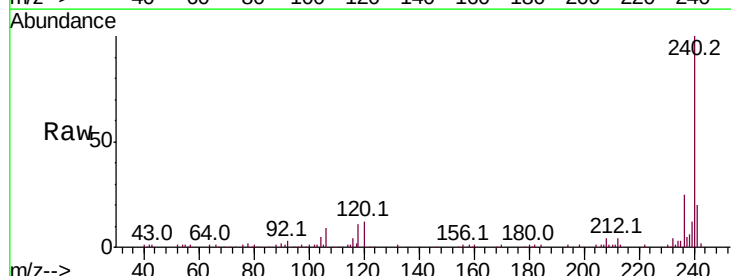


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

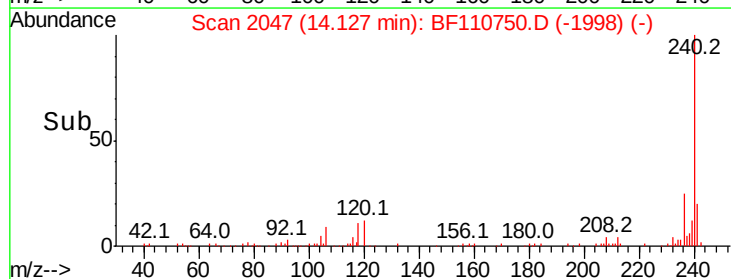
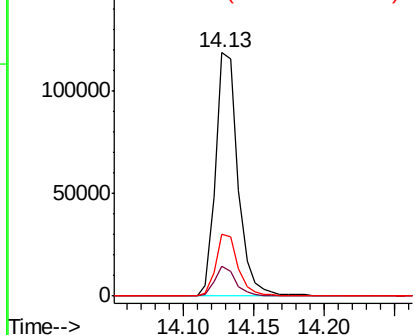


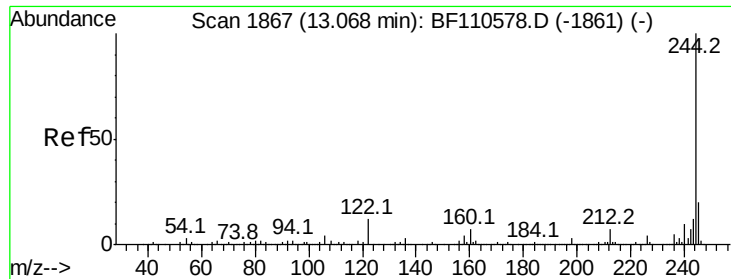
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

Tgt Ion:240 Resp: 131912
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 25.4 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

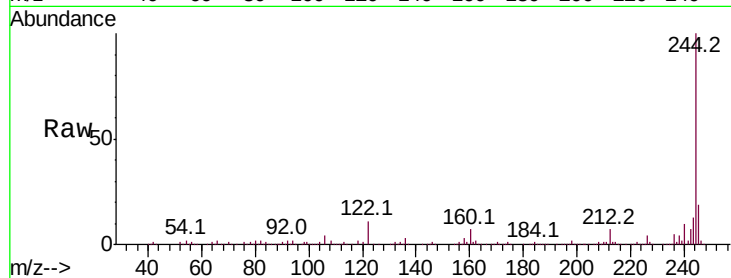




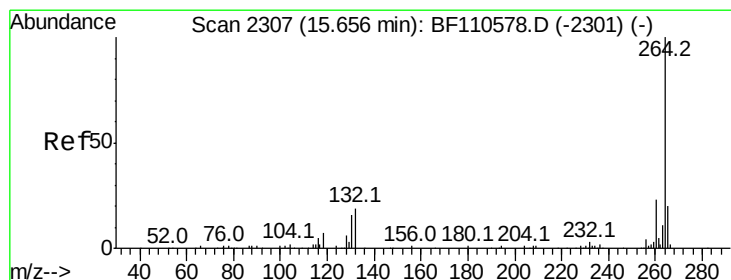
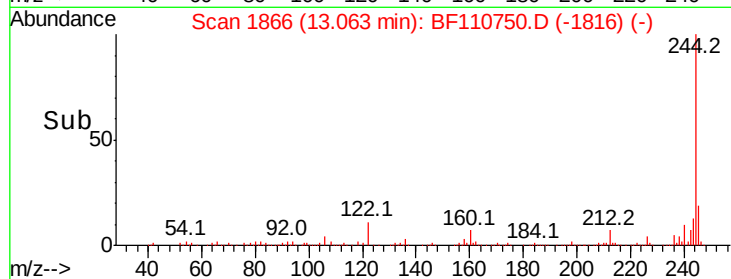
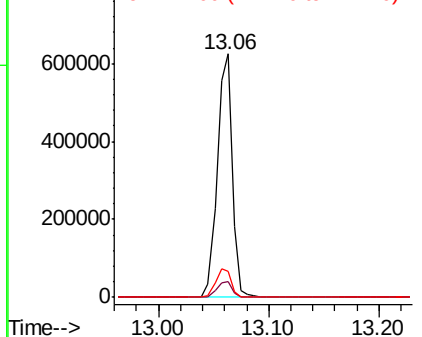
#79
 Terphenyl-d14
 Concen: 83.450 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-S

Tot Ion:244 Resp: 587798
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.7 8.7 13.1

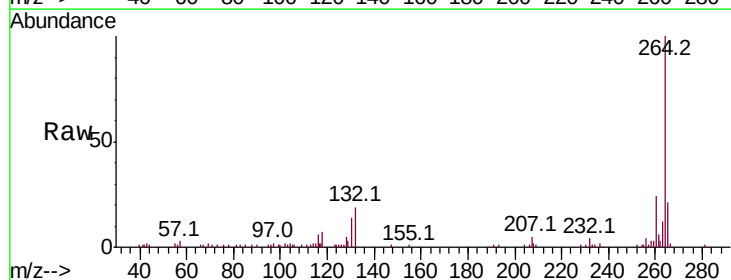


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Tgt Ion:264 Resp: 82032
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.2 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

