

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110700.D
 Acq On : 13 Nov 2018 4:00
 Operator : JU/SJ
 Sample : J5904-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-B

Quant Time: Nov 13 07:34:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88047	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	362250	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	152031	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	243108	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163804	20.00	ng	-0.01
87) Perylene-d12	15.66	264	125088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	213448	39.38	ng	0.00
7) Phenol-d6	6.56	99	157497	22.72	ng	-0.01
23) Nitrobenzene-d5	7.51	82	624980	99.36	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	103223	67.38	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1092099	102.59	ng	0.00
79) Terphenyl-d14	13.06	244	714911	81.74	ng	0.00

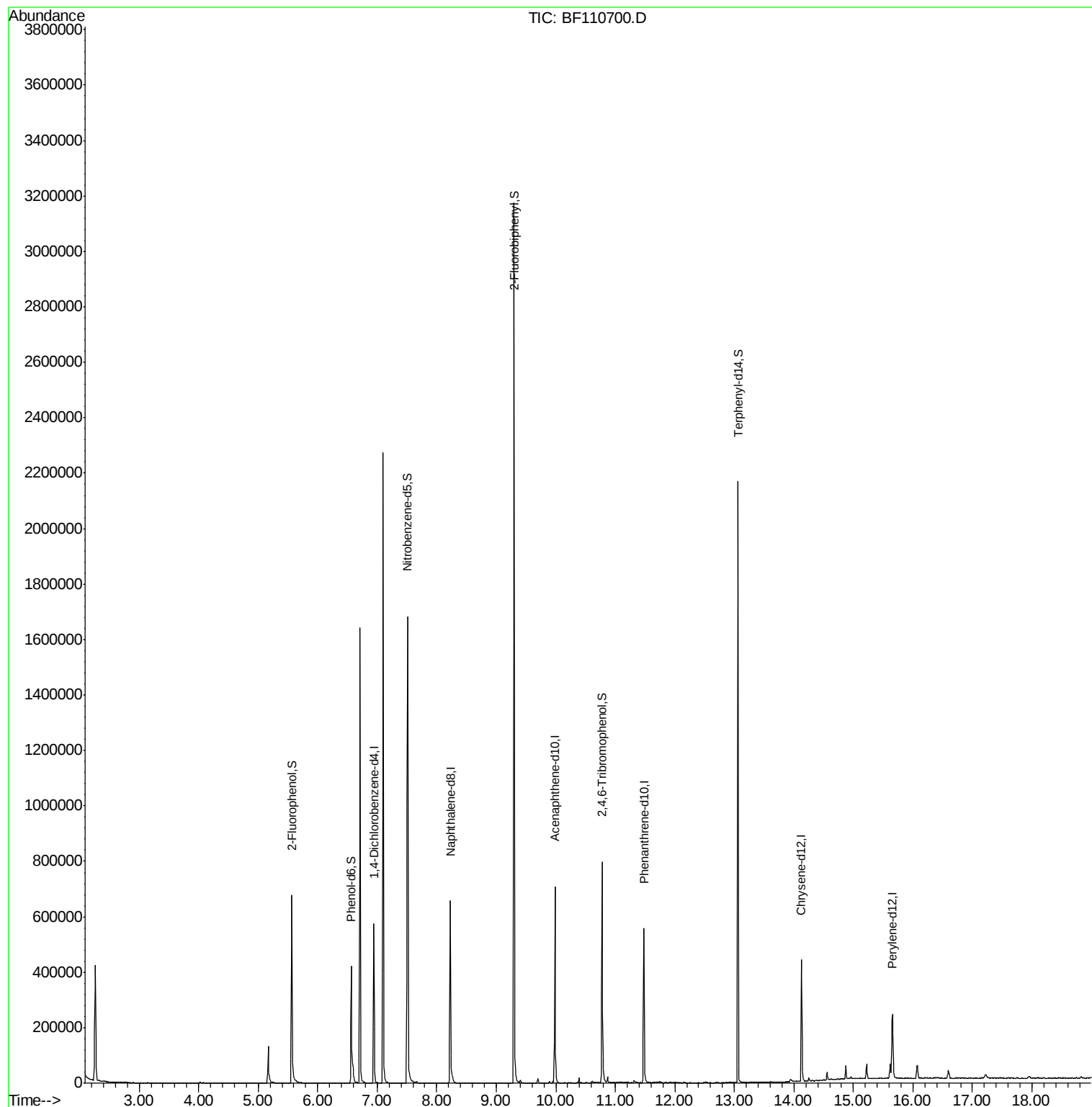
Target Compounds Qvalue

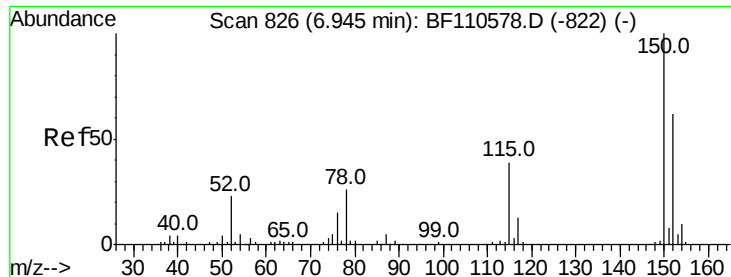
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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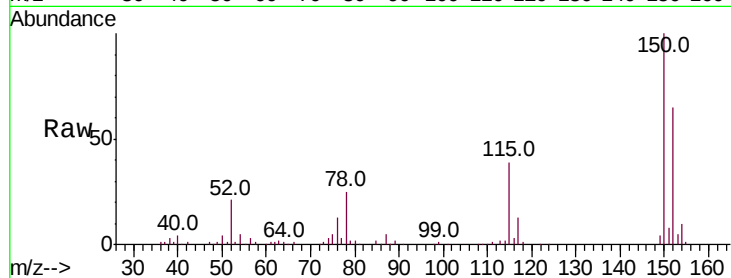


#1

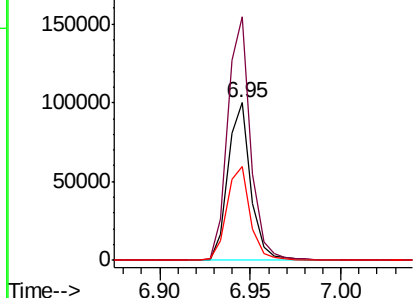
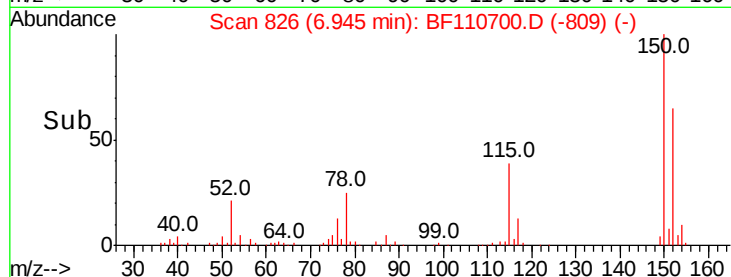
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-B

Tot Ion:152 Resp: 88047
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.7 184.1
 115 59.9 49.1 73.7



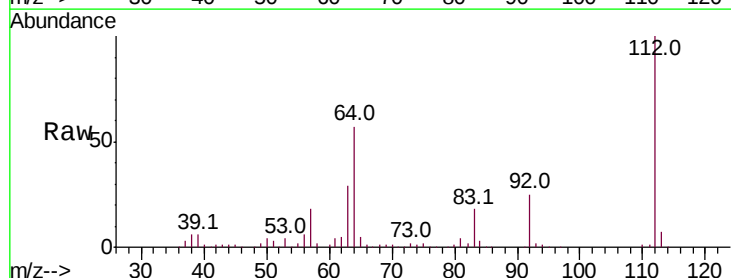
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



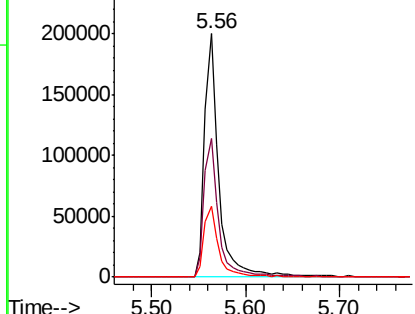
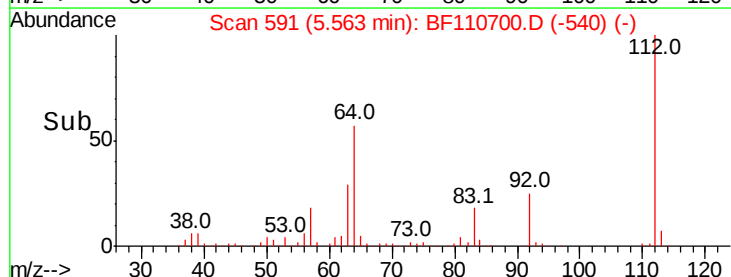
#5

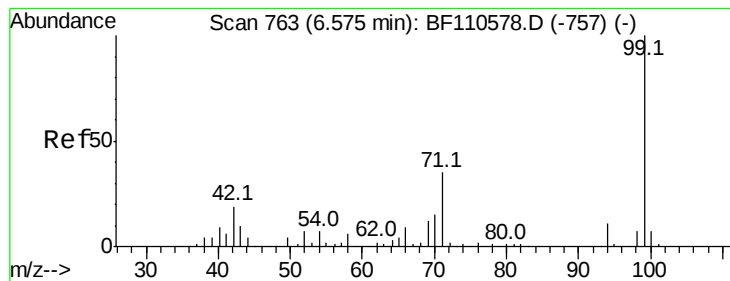
2-Fluorophenol
 Concen: 39.377 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Tgt Ion:112 Resp: 213448
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.1 66.1
 63 29.3 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: 22.722 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110700.D

Acq: 13 Nov 2018 4:00

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-B

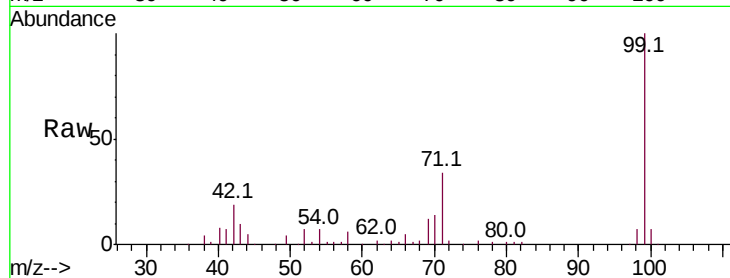
Tot Ion: 99 Resp: 157497

Ion Ratio Lower Upper

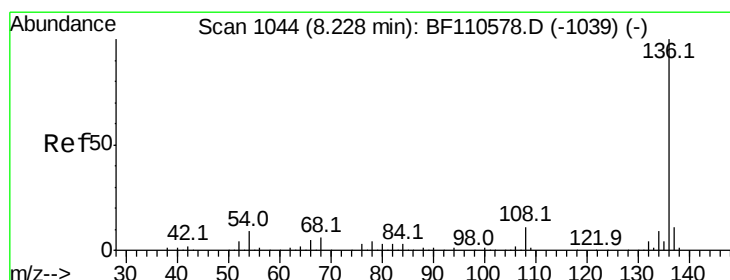
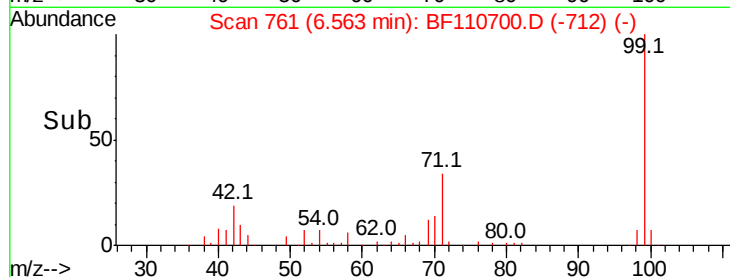
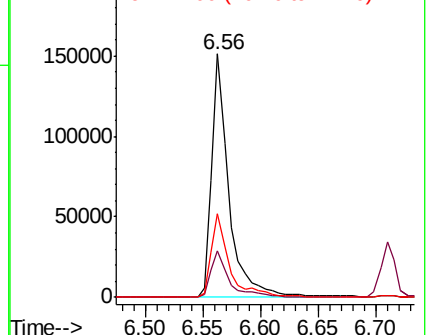
99 100

42 19.1 15.8 23.6

71 34.4 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: BF110700.D

Acq: 13 Nov 2018 4:00

Tgt Ion: 136 Resp: 362250

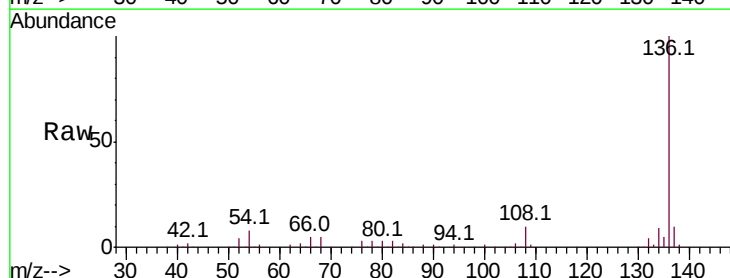
Ion Ratio Lower Upper

136 100

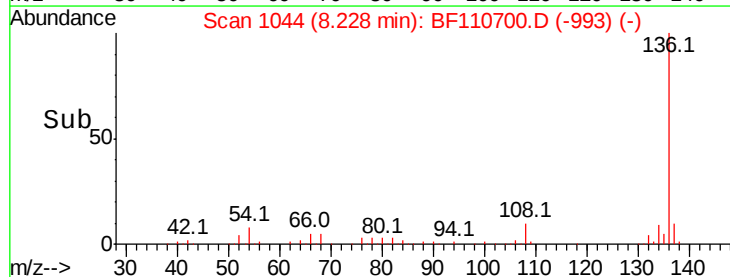
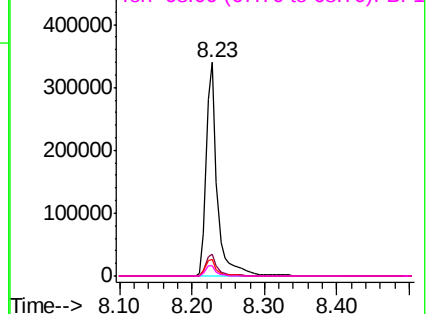
137 10.2 8.8 13.2

54 7.7 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

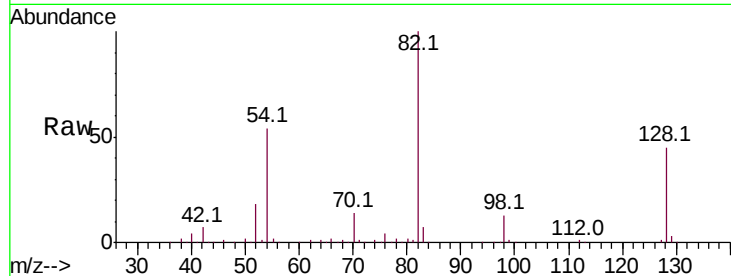




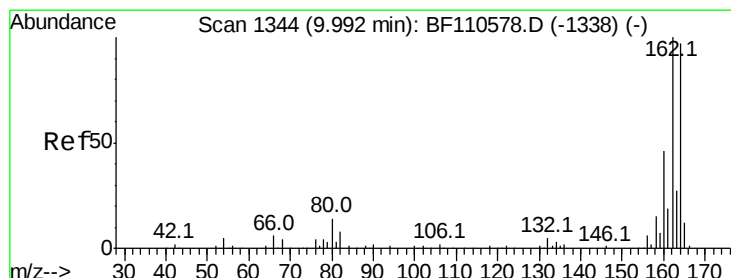
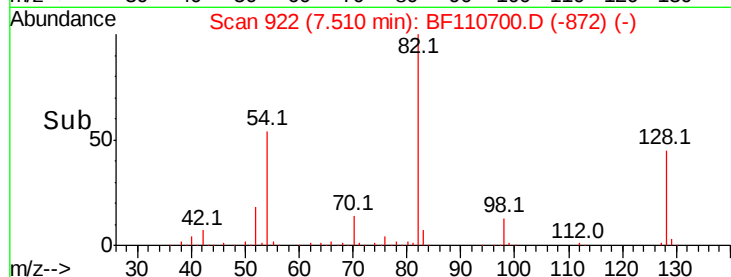
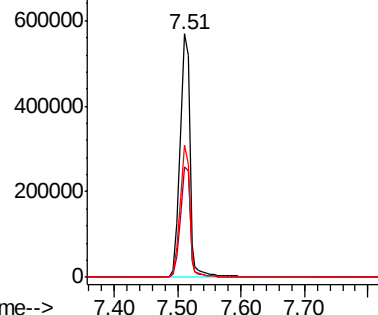
#23
 Nitrobenzene-d5
 Concen: 99.358 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-B

Tot Ion: 82 Resp: 624980
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.2 51.2
 54 54.2 38.6 58.0

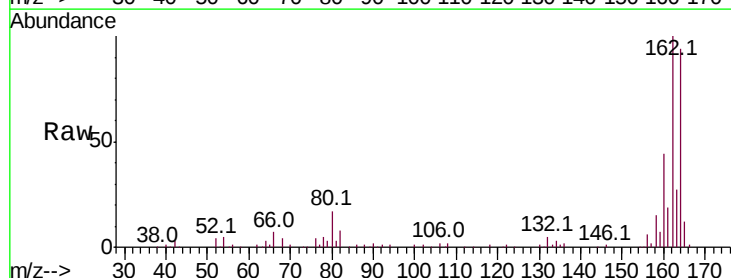


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

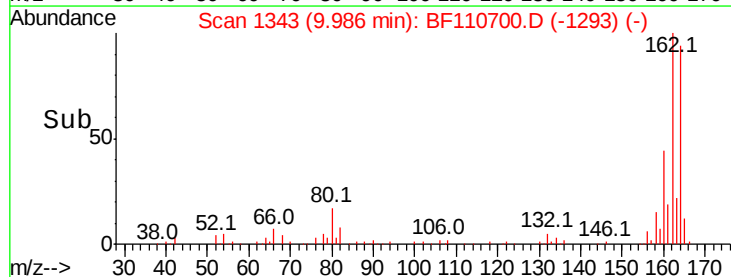
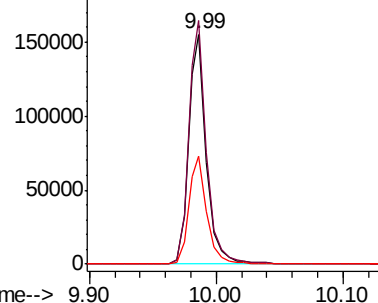


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Tgt Ion:164 Resp: 152031
 Ion Ratio Lower Upper
 164 100
 162 106.1 83.0 124.6
 160 46.9 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

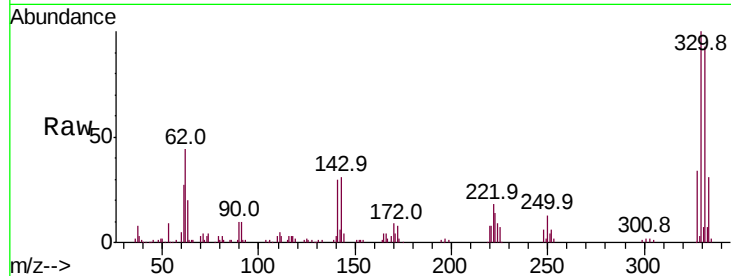




#42
 2,4,6-Tribromophenol
 Concen: 67.382 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	37.7	27.0	40.4

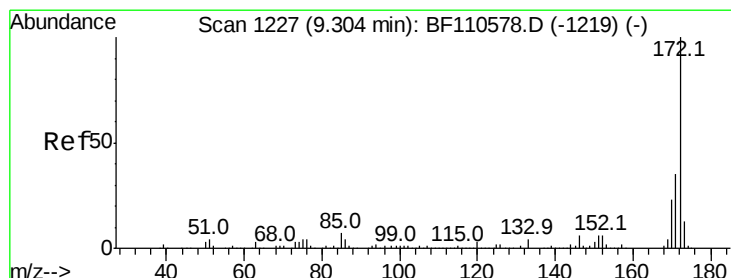
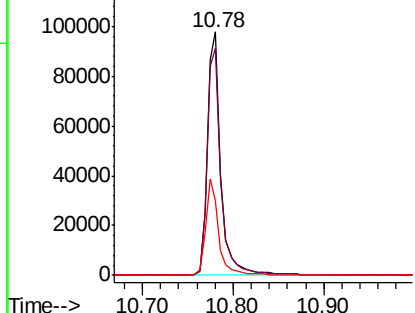
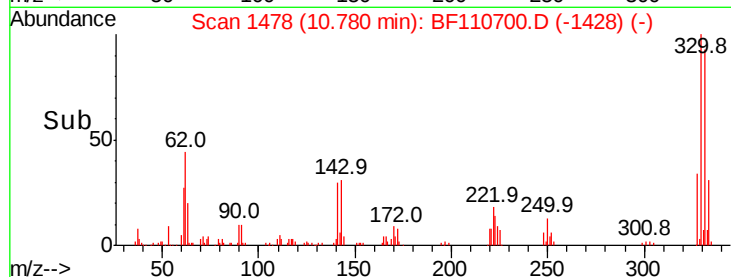


Abundance

Ion 329.80 (329.50 to 330.50): E

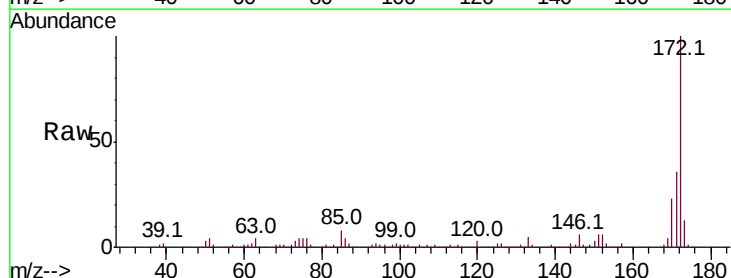
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.592 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.5	19.7	29.5

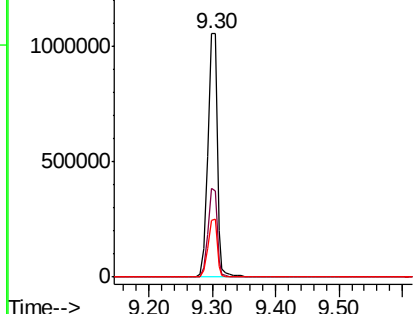
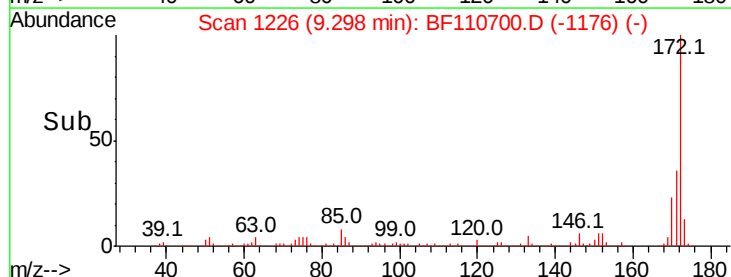


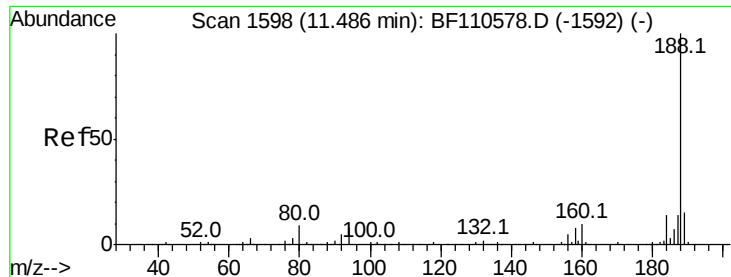
Abundance

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

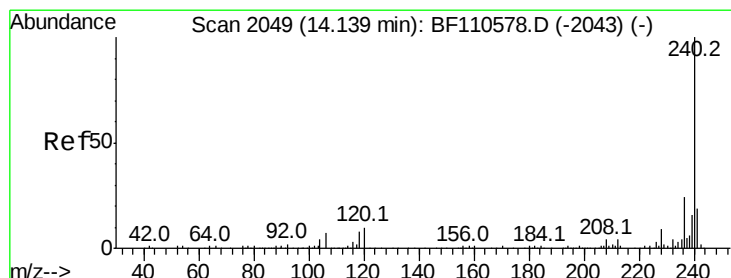
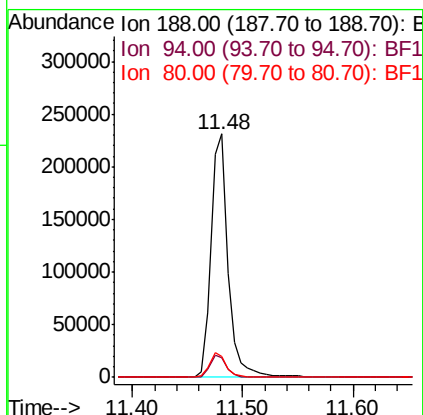
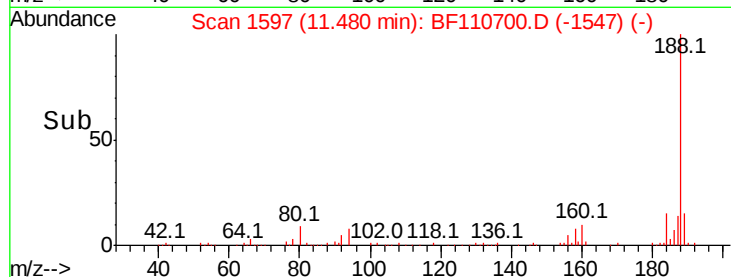
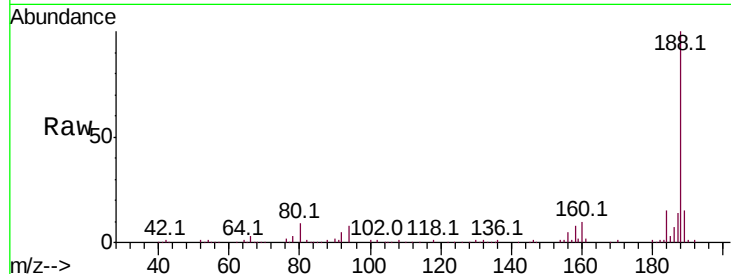




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110700.D
Acq: 13 Nov 2018 4:00

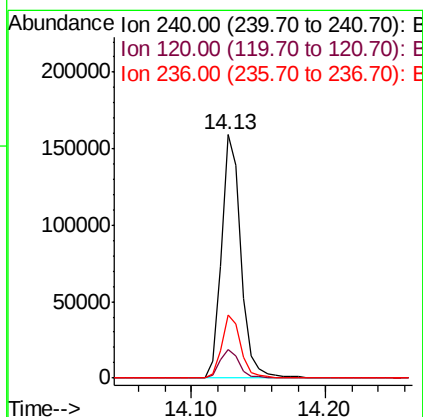
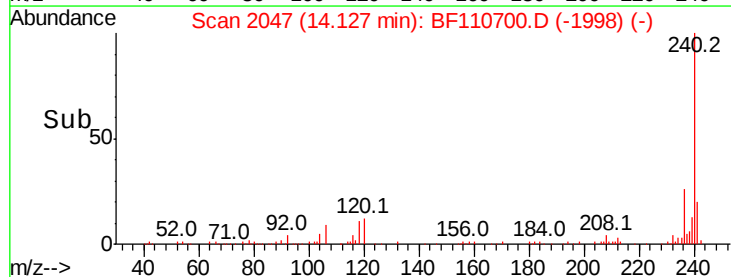
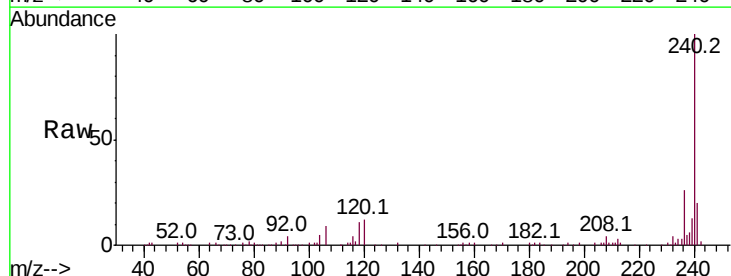
Instrument :
BNA_F
ClientSampleId :
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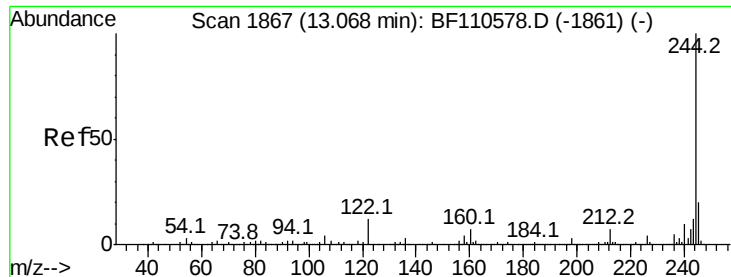
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.6	7.9	11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110700.D
Acq: 13 Nov 2018 4:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.7	21.2	31.8

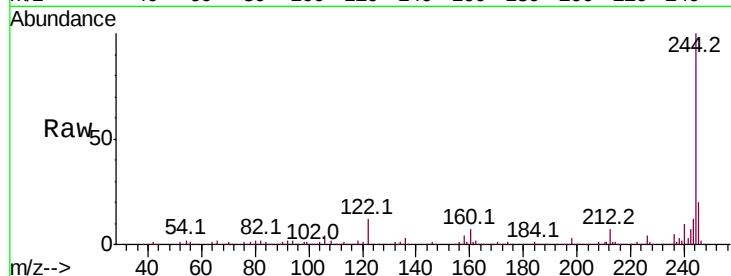




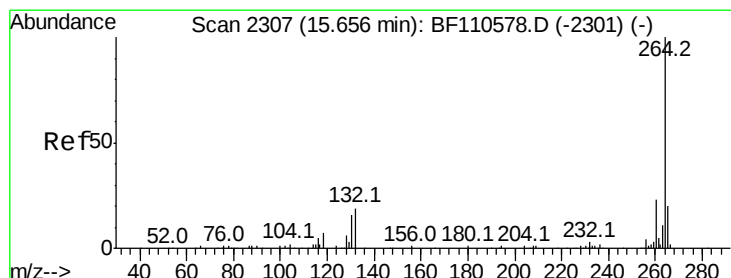
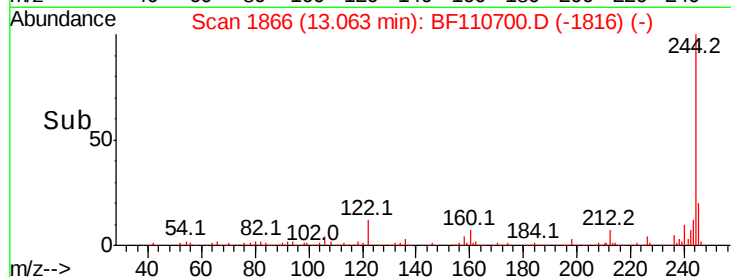
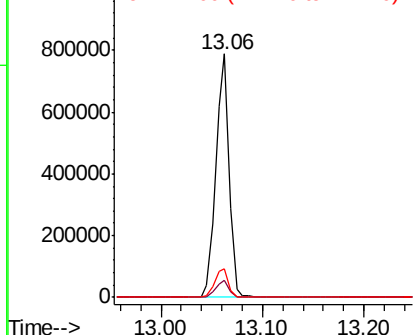
#79
 Terphenyl-d14
 Concen: 81.735 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-B

Tot Ion:244 Resp: 714911
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.7 8.7 13.1

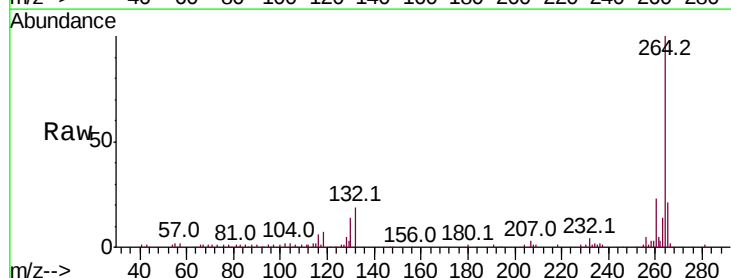


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Tgt Ion:264 Resp: 125088
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.3 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

