

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110745.D
 Acq On : 14 Nov 2018 3:42
 Operator : JU/SJ
 Sample : J5916-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-B

Quant Time: Nov 14 07:12:32 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	64952	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	243245	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	93815	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	155957	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135157	20.00	ng	-0.01
87) Perylene-d12	15.66	264	89810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	160548	40.15	ng	0.00
7) Phenol-d6	6.56	99	117390	22.96	ng	-0.01
23) Nitrobenzene-d5	7.51	82	432496	102.40	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	78876	83.44	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	738970	112.50	ng	0.00
79) Terphenyl-d14	13.06	244	568934	78.83	ng	0.00

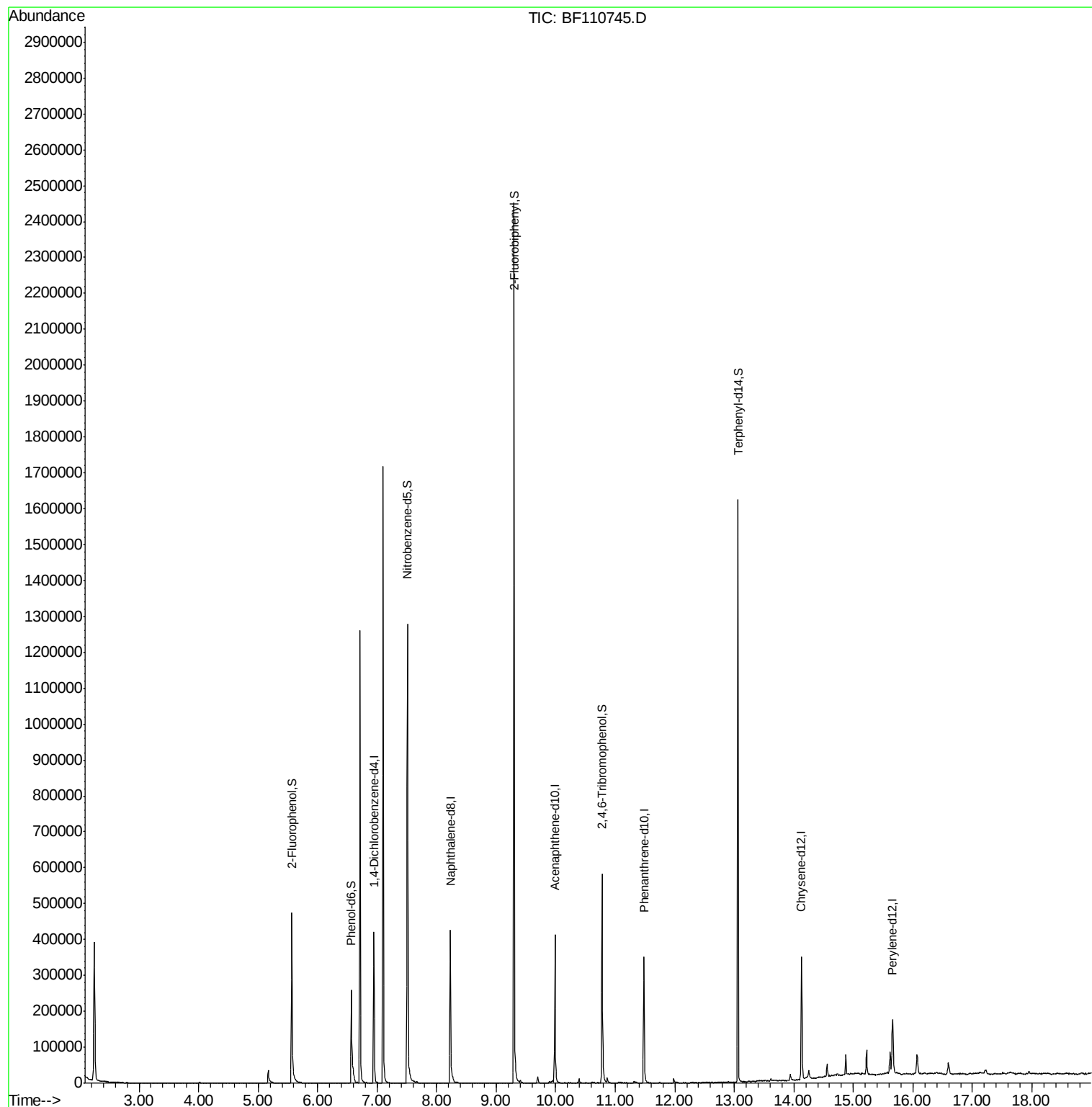
Target Compounds Qvalue

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

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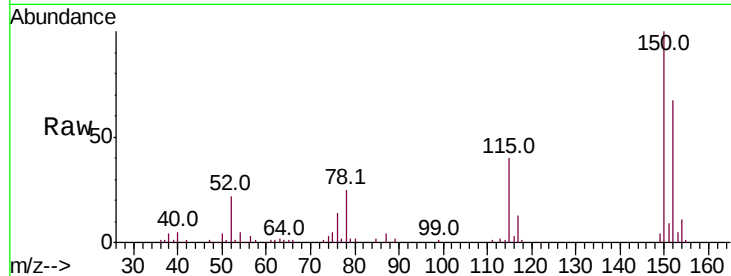


#1

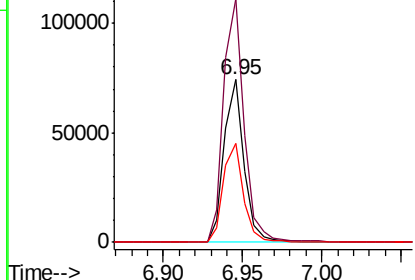
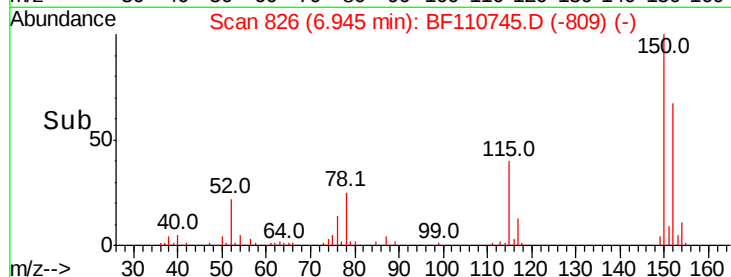
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-D-B

Tot Ion:152 Resp: 64952
Ion Ratio Lower Upper
152 100
150 149.7 122.7 184.1
115 60.5 49.1 73.7



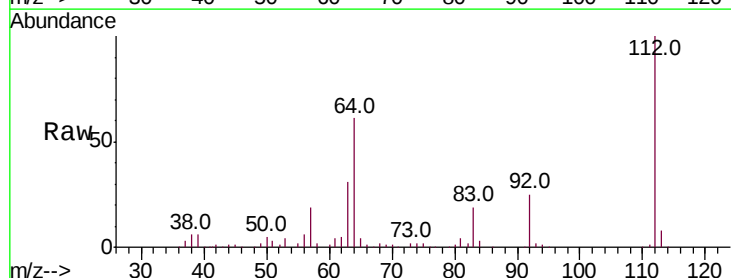
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



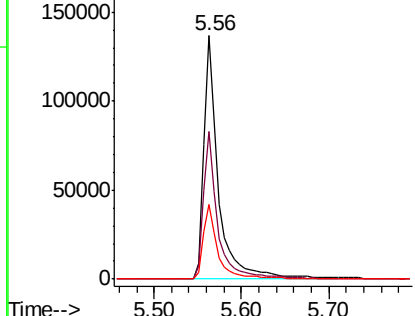
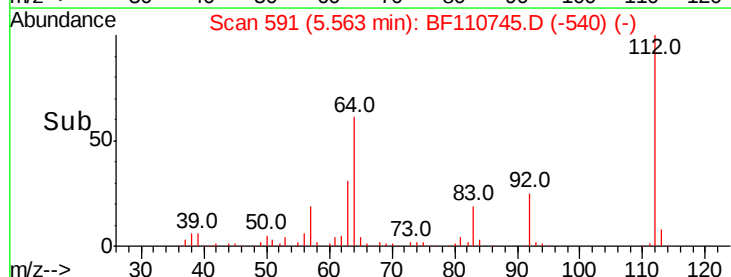
#5

2-Fluorophenol
Concen: 40.150 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

Tgt Ion:112 Resp: 160548
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 30.8 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: 22.957 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110745.D

Acq: 14 Nov 2018 3:42

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-D-B

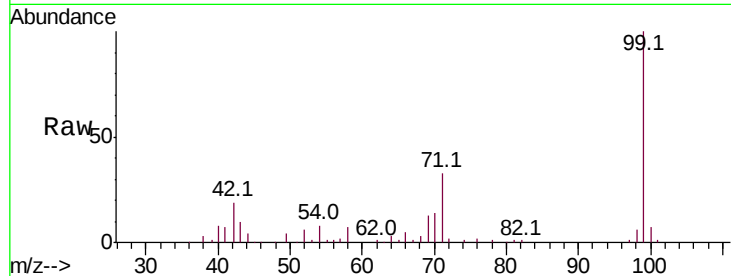
Tot Ion: 99 Resp: 117390

Ion Ratio Lower Upper

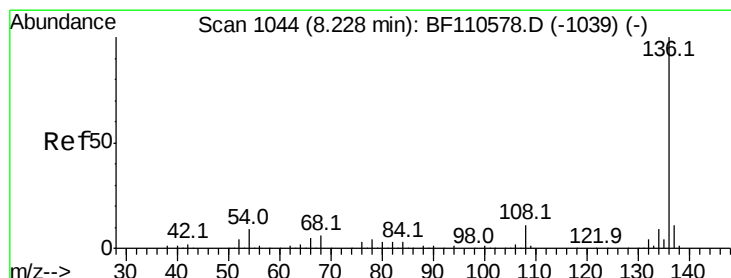
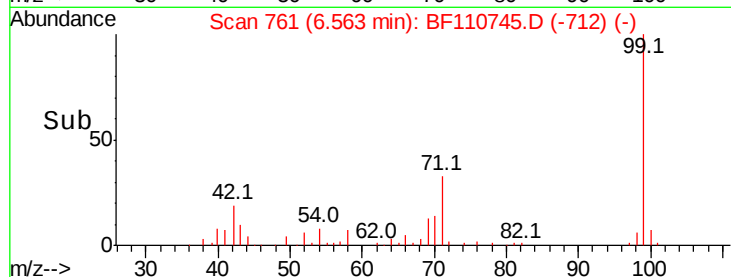
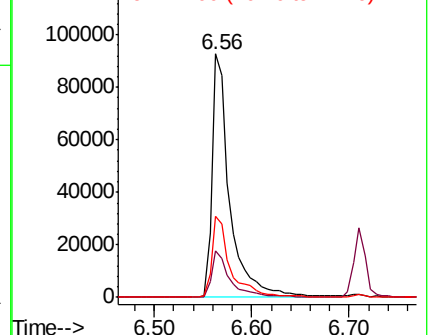
99 100

42 19.3 15.8 23.6

71 33.3 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: BF110745.D

Acq: 14 Nov 2018 3:42

Tgt Ion: 136 Resp: 243245

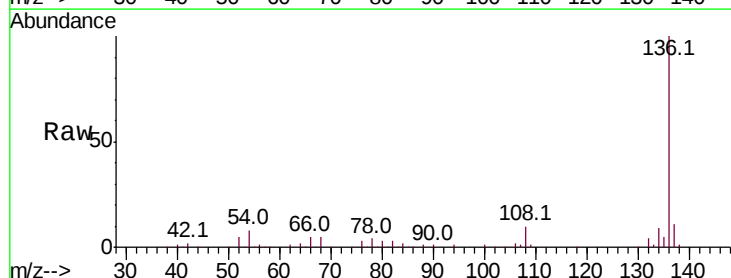
Ion Ratio Lower Upper

136 100

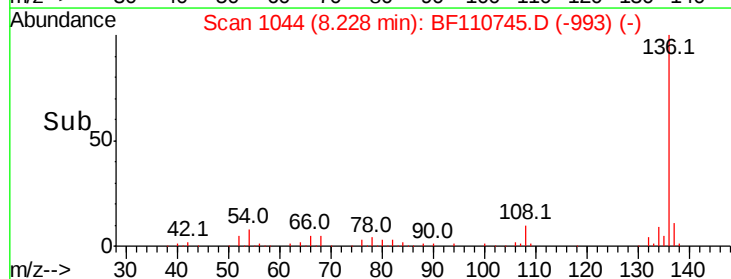
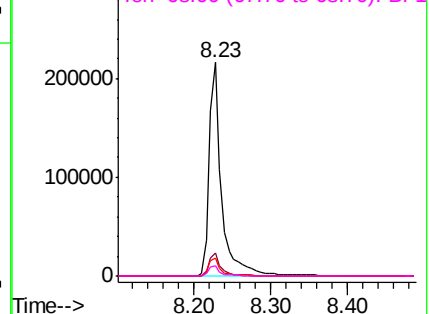
137 10.6 8.8 13.2

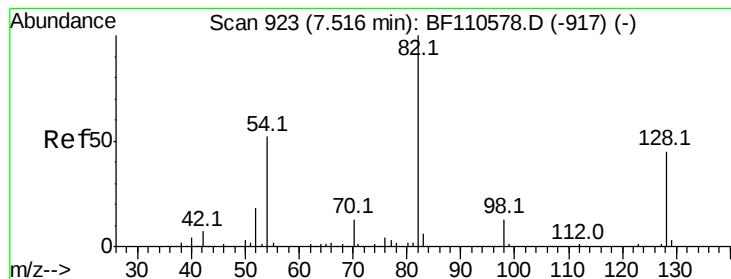
54 8.1 5.4 8.2

68 4.8 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: 102.396 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110745.D

Acq: 14 Nov 2018 3:42

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-D-B

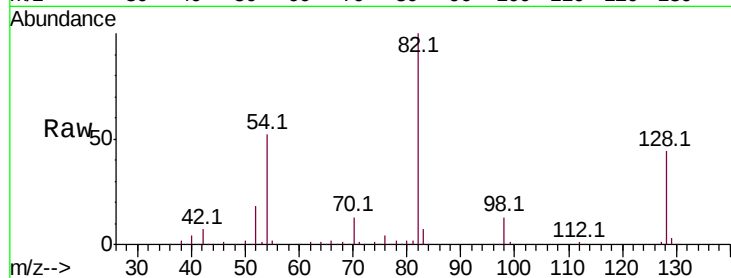
Tot Ion: 82 Resp: 432496

Ion Ratio Lower Upper

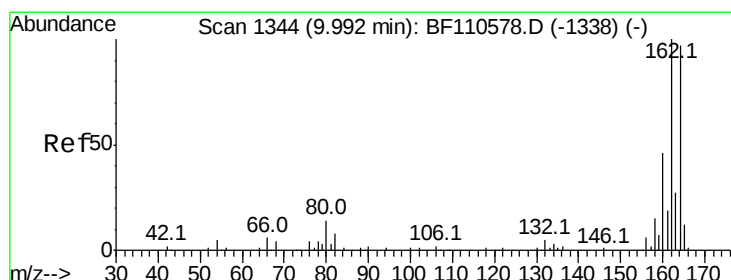
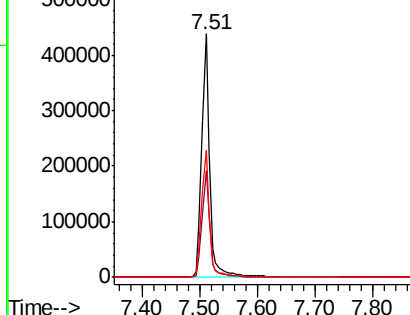
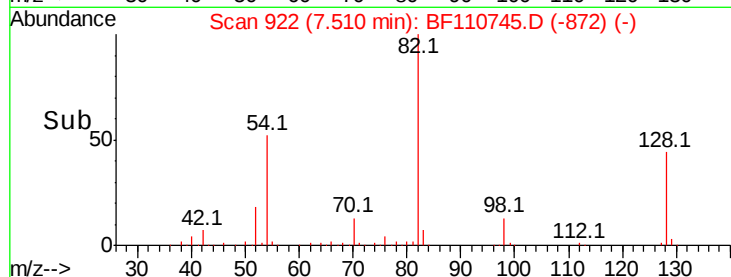
82 100

128 43.9 34.2 51.2

54 52.4 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: BF110745.D

Acq: 14 Nov 2018 3:42

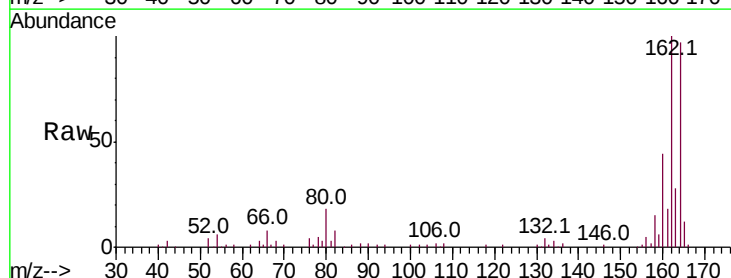
Tgt Ion:164 Resp: 93815

Ion Ratio Lower Upper

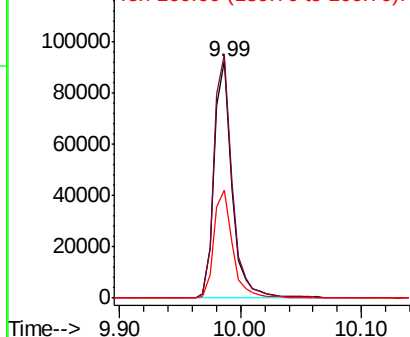
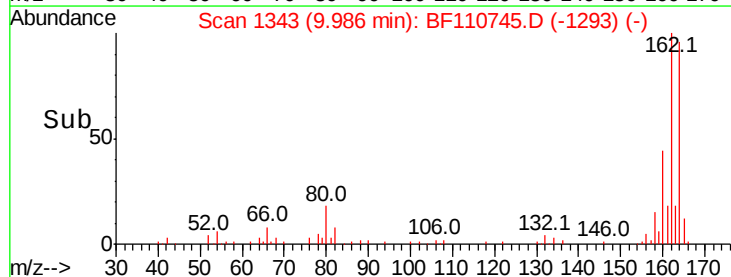
164 100

162 102.8 83.0 124.6

160 45.5 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

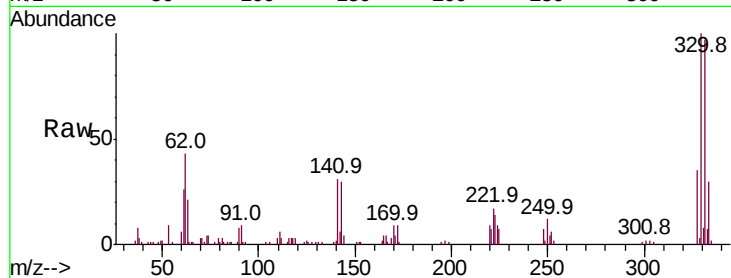




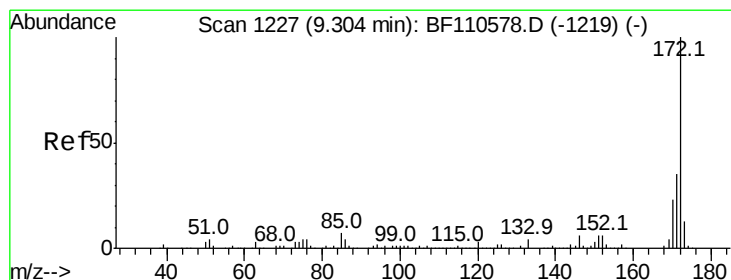
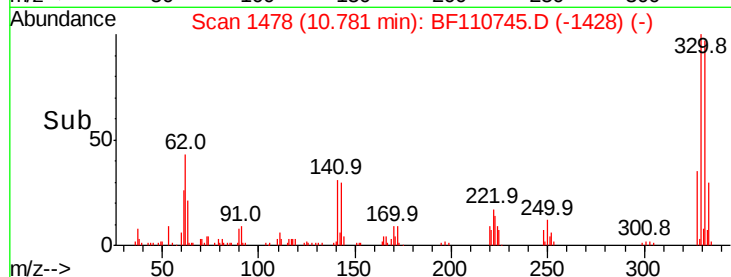
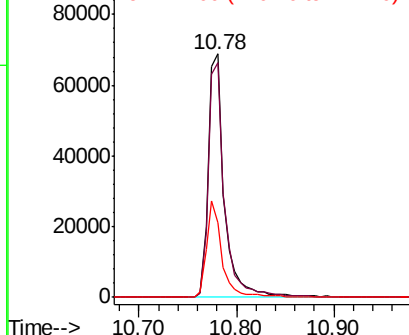
#42
 2,4,6-Tribromophenol
 Concen: 83.440 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-B

Tot Ion:330 Resp: 78876
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 37.5 27.0 40.4

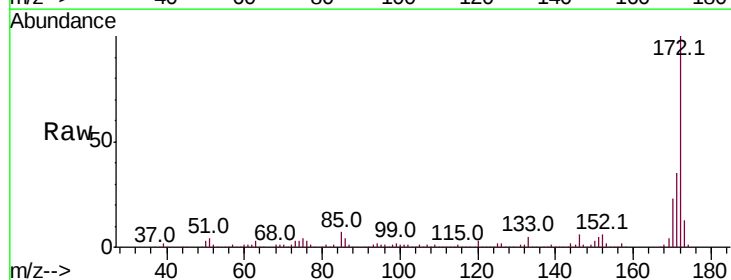


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

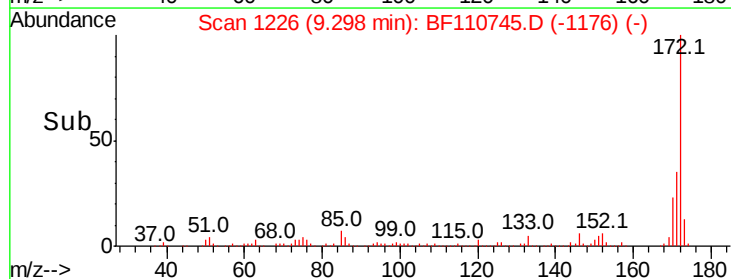
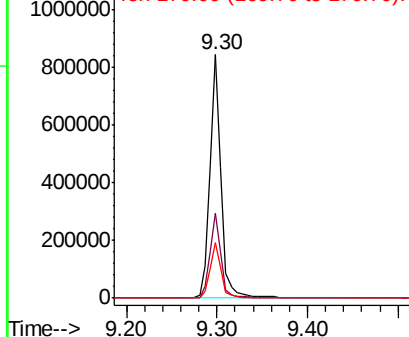


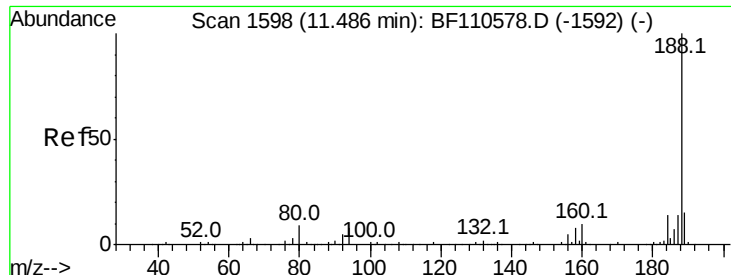
#45
 2-Fluorobiphenyl
 Concen: 112.496 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Tgt Ion:172 Resp: 738970
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 23.0 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: BF110745.D

Acq: 14 Nov 2018 3:42

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-D-B

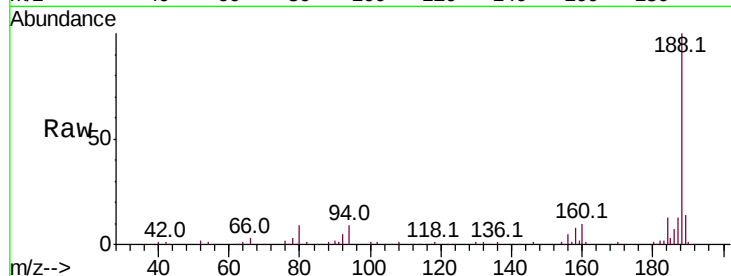
Tot Ion:188 Resp: 155957

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

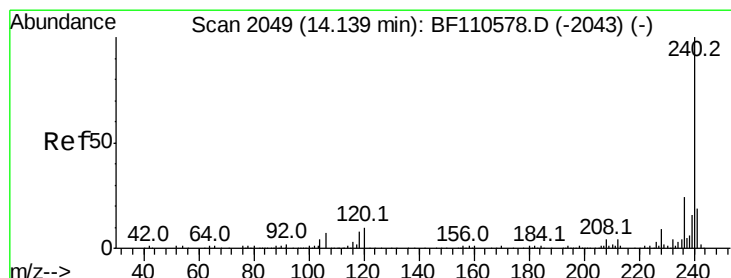
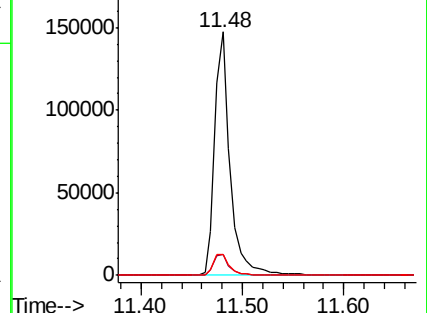
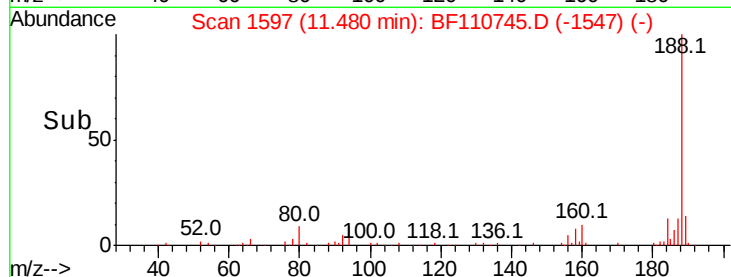
80 8.8 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

200000 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: BF110745.D

Acq: 14 Nov 2018 3:42

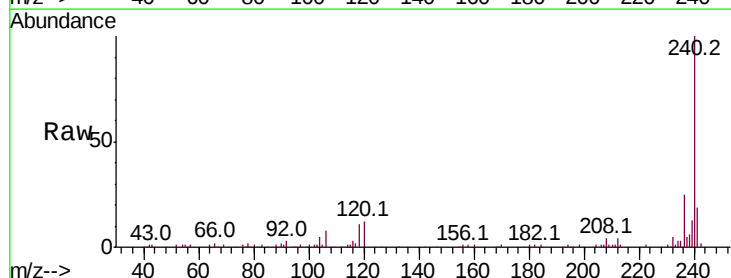
Tgt Ion:240 Resp: 135157

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

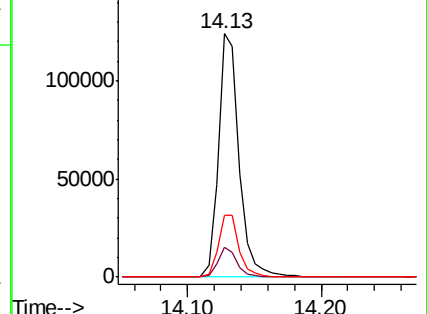
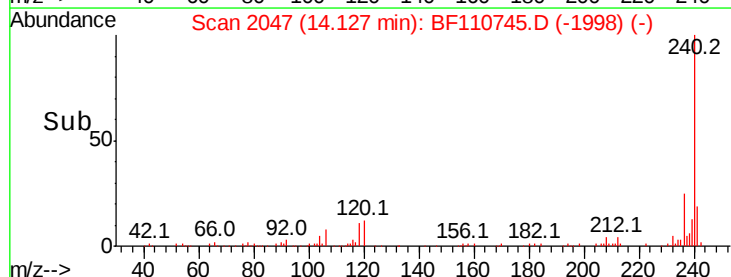
236 25.2 21.2 31.8

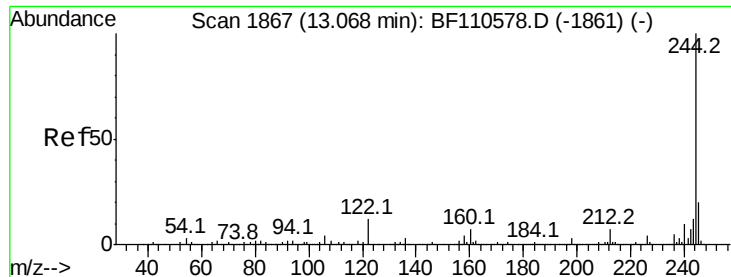


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

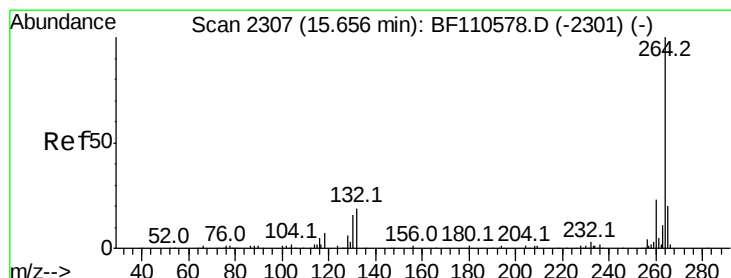
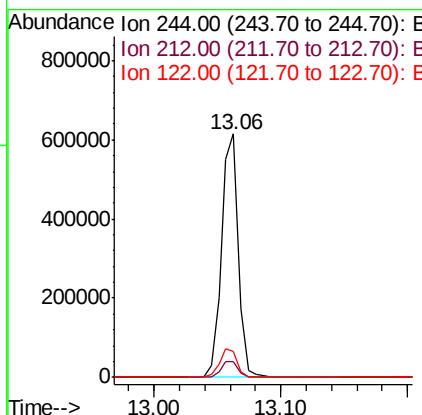
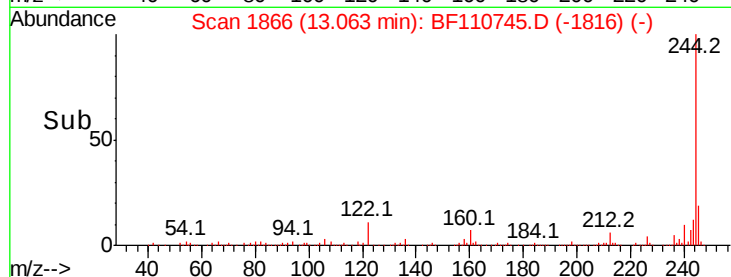
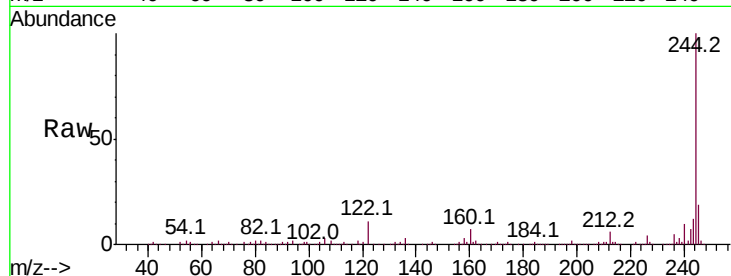




#79
 Terphenyl-d14
 Concen: 78.833 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	10.7	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	20.3	16.7	25.1

