

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110705.D
 Acq On : 13 Nov 2018 6:18
 Operator : JU/SJ
 Sample : J5904-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-S

Quant Time: Nov 13 07:46:27 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

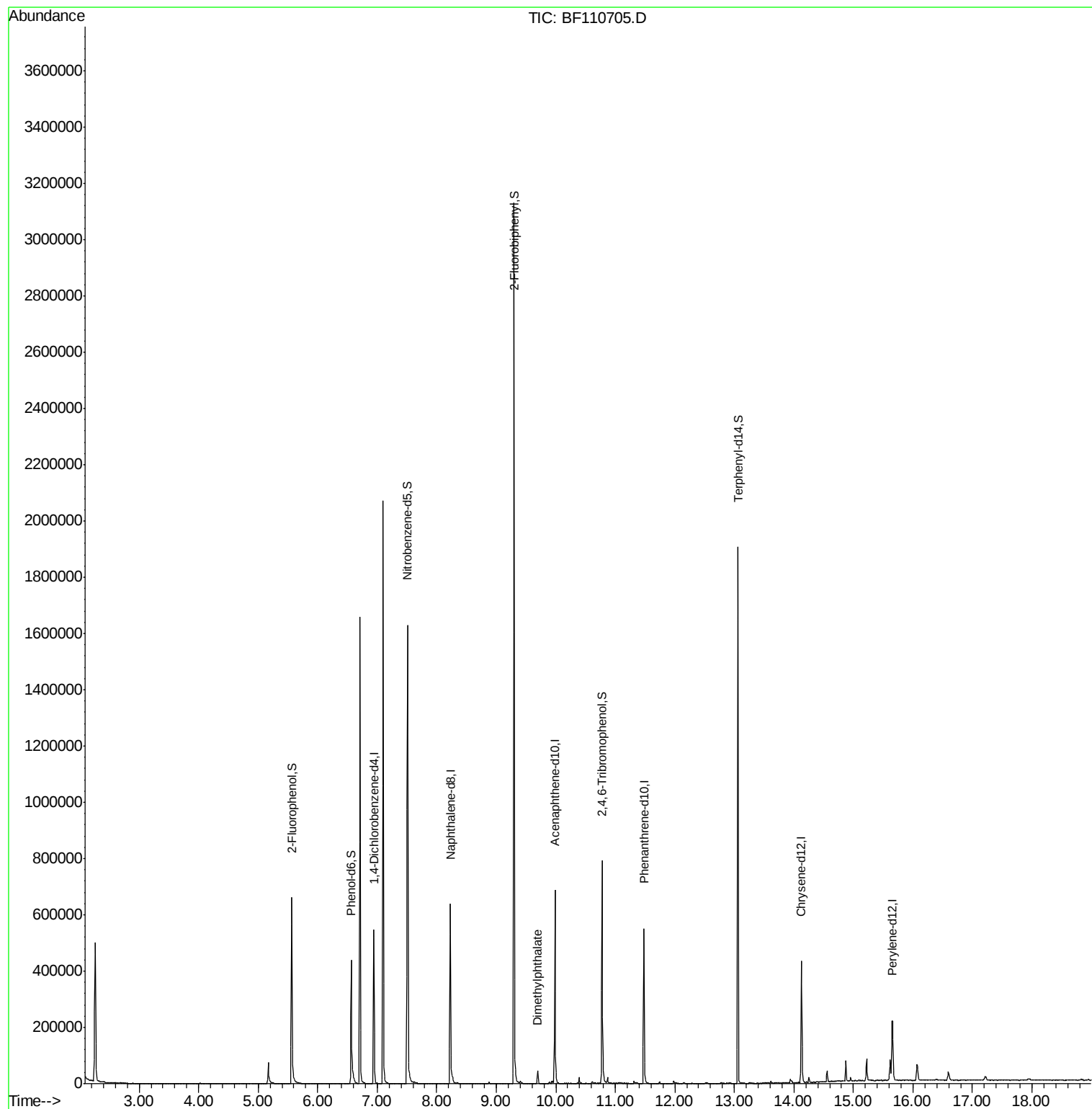
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85434	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	349595	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	145320	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	227530	20.00	ng	0.00
76) Chrysene-d12	14.13	240	160420	20.00	ng	-0.01
87) Perylene-d12	15.66	264	119913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	217042	41.27	ng	0.00
7) Phenol-d6	6.56	99	164830	24.51	ng	-0.01
23) Nitrobenzene-d5	7.51	82	579716	95.50	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	98438	67.23	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1011311	99.39	ng	0.00
79) Terphenyl-d14	13.06	244	637194	74.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.69	163	25484	2.350	ng	Qvalue 98

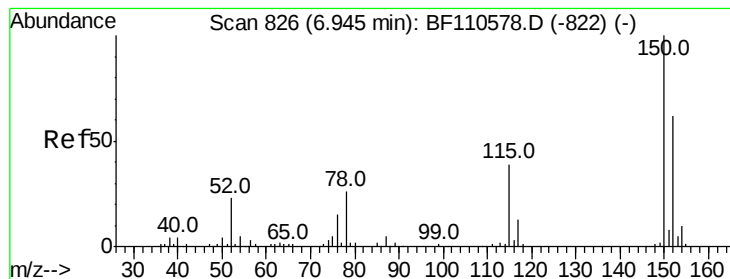
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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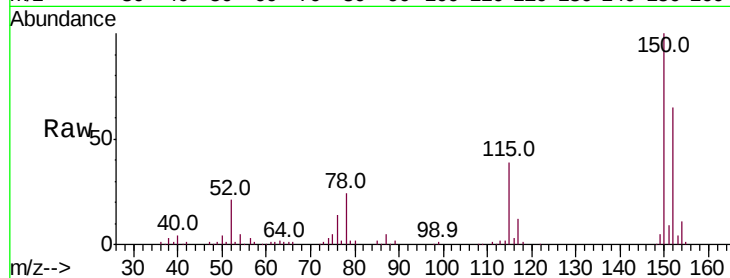


#1

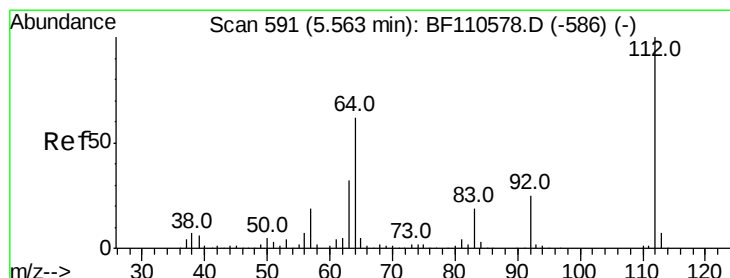
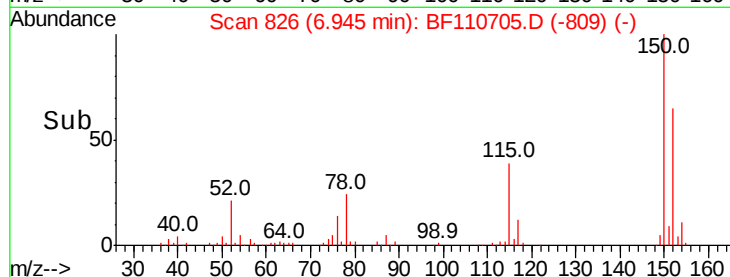
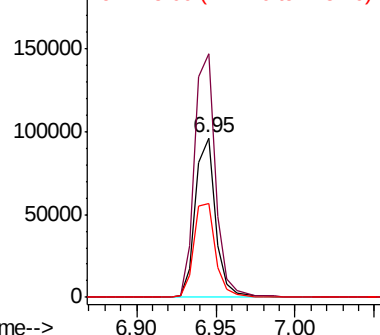
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110705.D
Acq: 13 Nov 2018 6:18

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-S

Tot Ion:152 Resp: 85434
Ion Ratio Lower Upper
152 100
150 152.8 122.7 184.1
115 59.1 49.1 73.7



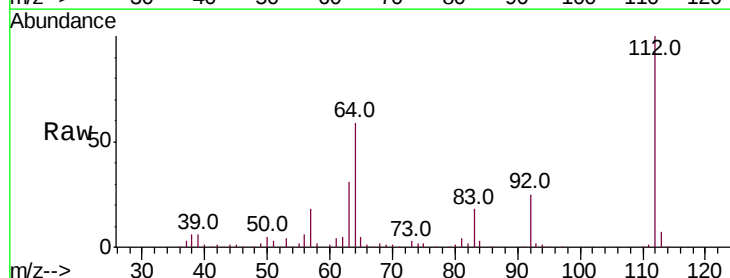
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



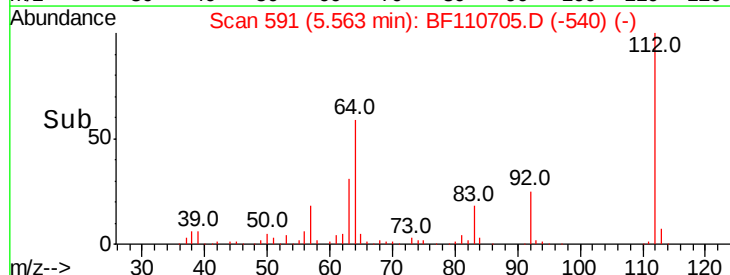
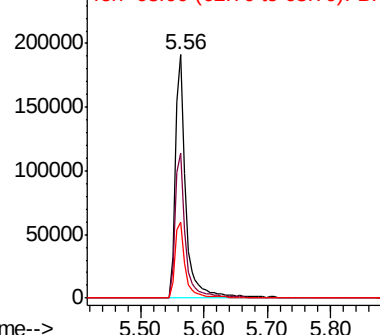
#5

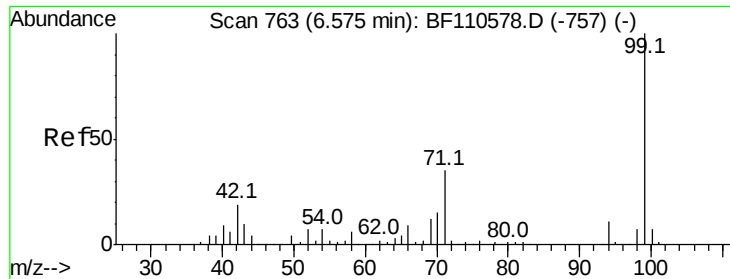
2-Fluorophenol
Concen: 41.265 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110705.D
Acq: 13 Nov 2018 6:18

Tgt Ion:112 Resp: 217042
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 31.3 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: 24.507 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110705.D

Acq: 13 Nov 2018 6:18

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-S

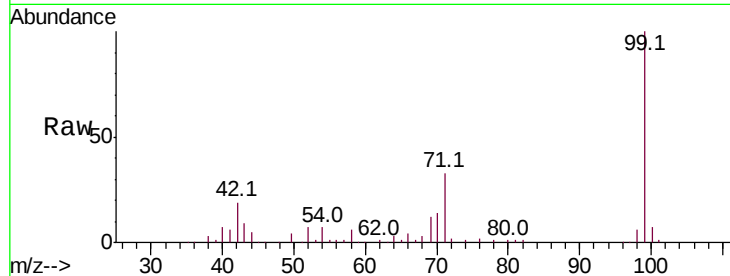
Tot Ion: 99 Resp: 164830

Ion Ratio Lower Upper

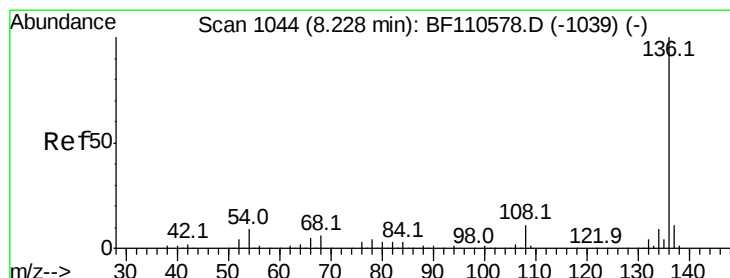
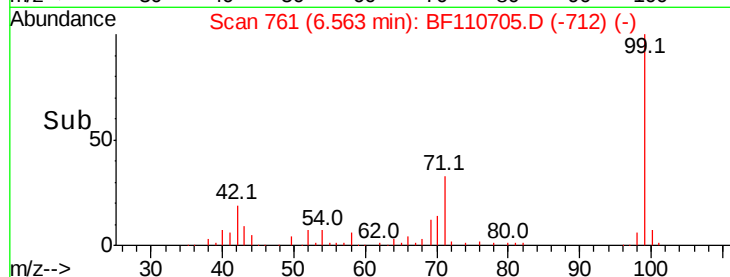
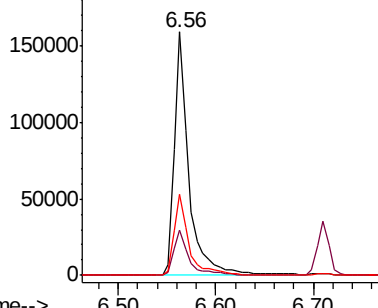
99 100

42 18.8 15.8 23.6

71 33.4 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: BF110705.D

Acq: 13 Nov 2018 6:18

Tgt Ion: 136 Resp: 349595

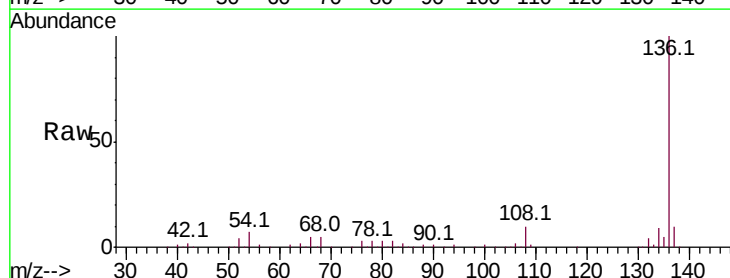
Ion Ratio Lower Upper

136 100

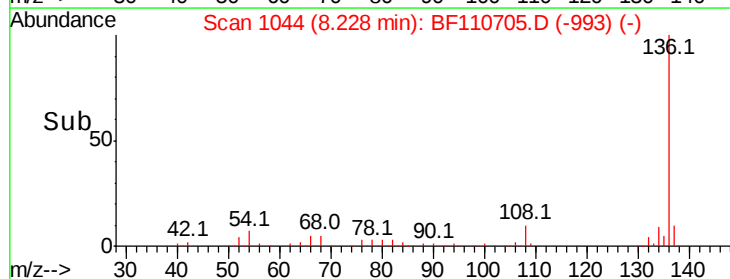
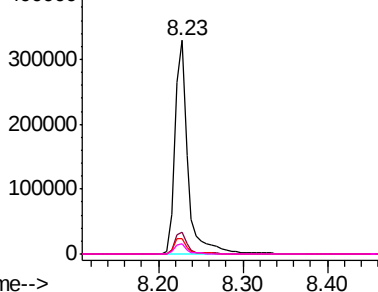
137 10.4 8.8 13.2

54 7.4 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

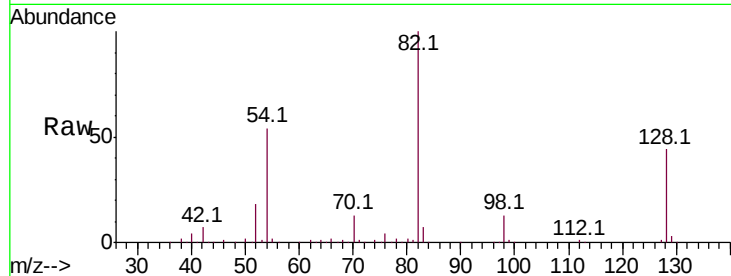




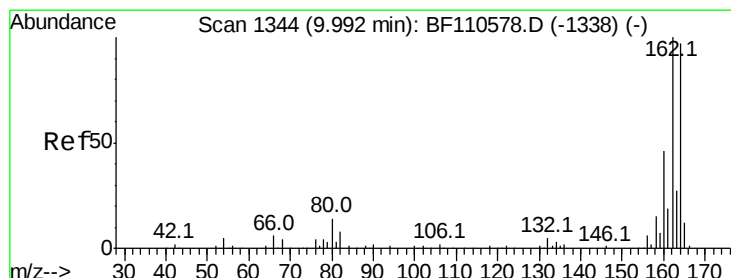
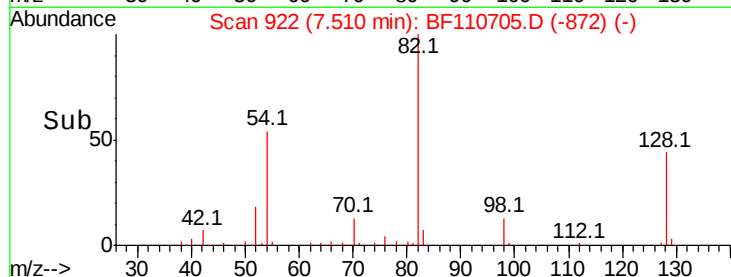
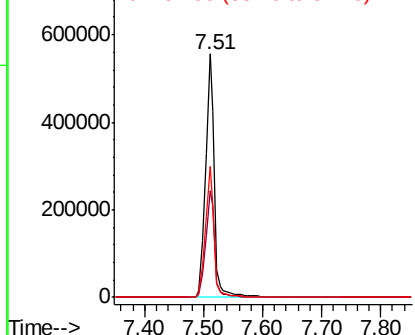
#23
 Nitrobenzene-d5
 Concen: 95.498 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-S

Tot Ion	82	Resp	579716
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.2	51.2
54	54.0	38.6	58.0

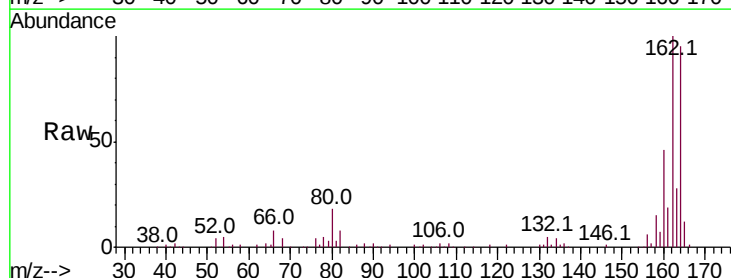


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

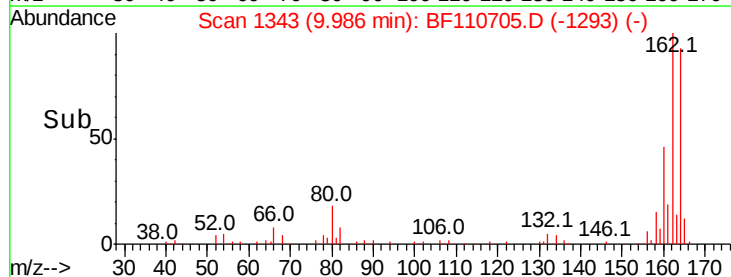
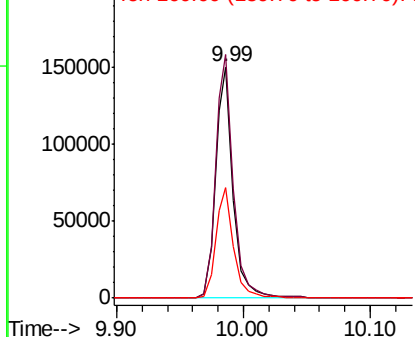


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Tgt Ion	164	Resp	145320
Ion Ratio	Lower	Upper	
164	100		
162	105.4	83.0	124.6
160	48.1	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

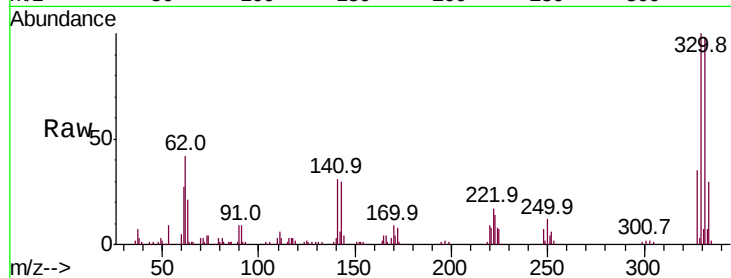




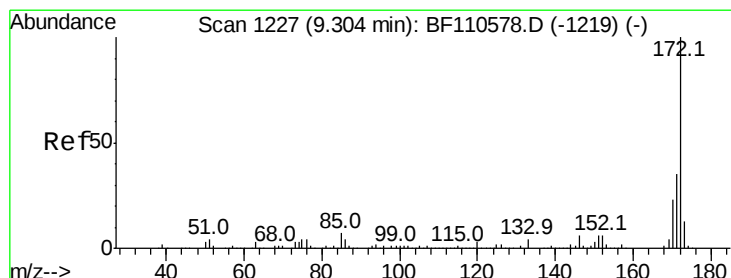
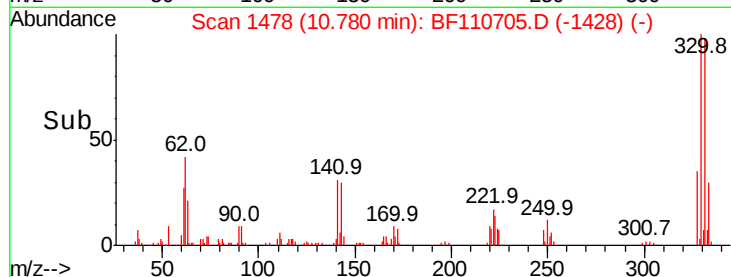
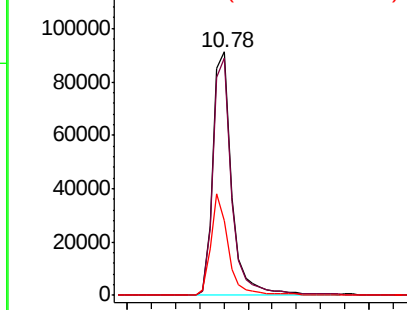
#42
 2,4,6-Tribromophenol
 Concen: 67.226 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-S

Tot Ion:330 Resp: 98438
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 38.4 27.0 40.4

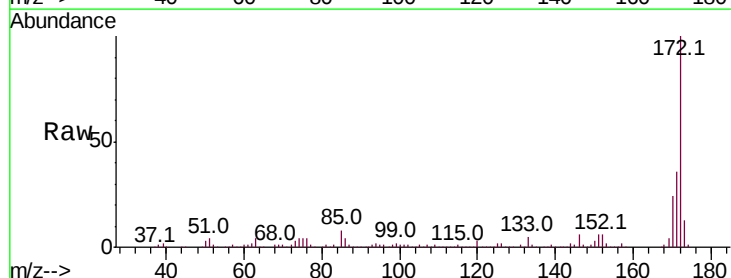


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

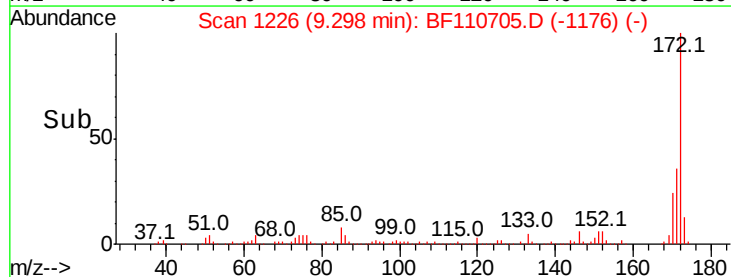
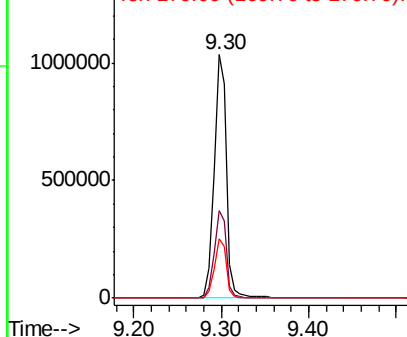


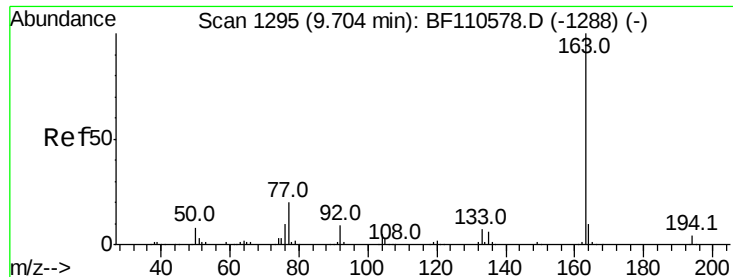
#45
 2-Fluorobiphenyl
 Concen: 99.390 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Tgt Ion:172 Resp: 1011311
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.2 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





#50

Dimethylphthalate

Concen: 2.350 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110705.D

Acq: 13 Nov 2018 6:18

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-S

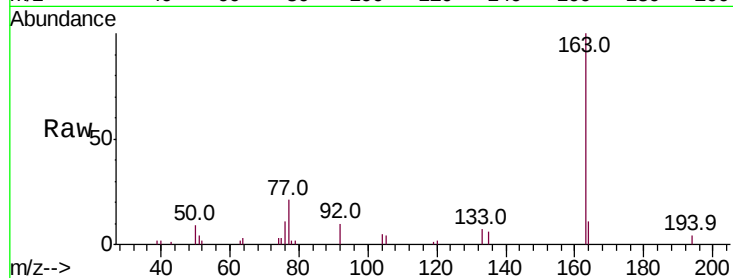
Tot Ion:163 Resp: 25484

Ion Ratio Lower Upper

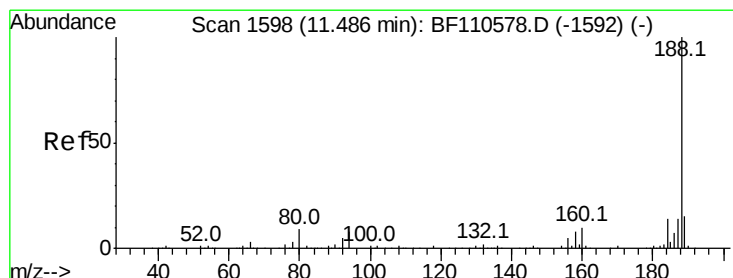
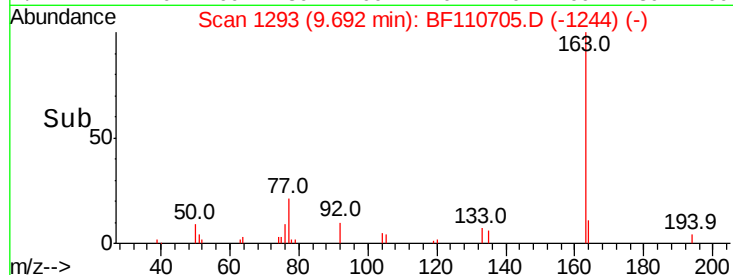
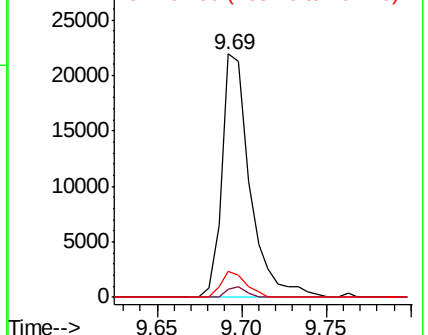
163 100

194 3.5 3.2 4.8

164 10.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110705.D

Acq: 13 Nov 2018 6:18

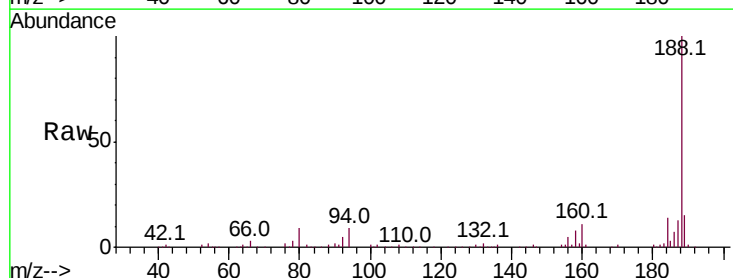
Tgt Ion:188 Resp: 227530

Ion Ratio Lower Upper

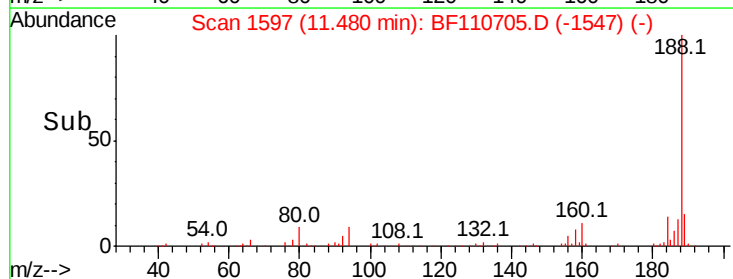
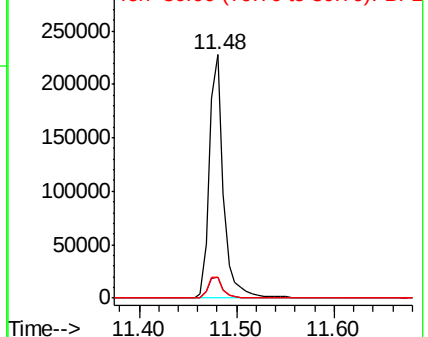
188 100

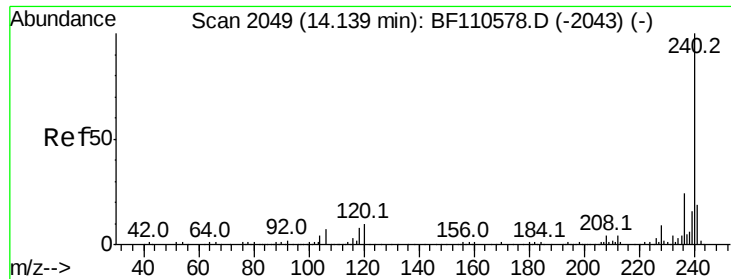
94 8.8 7.2 10.8

80 8.8 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

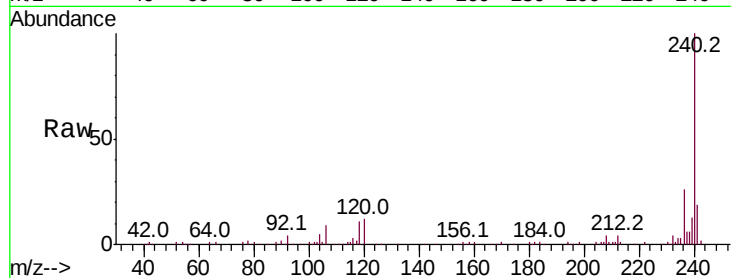




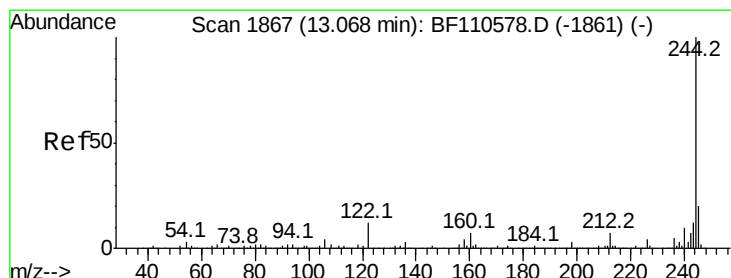
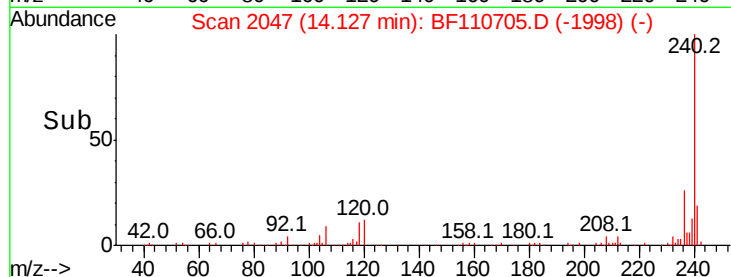
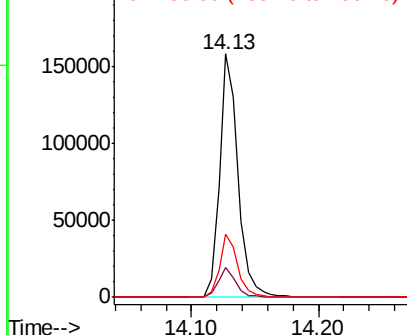
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110705.D
Acq: 13 Nov 2018 6:18

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-S

Tot Ion:240 Resp: 160420
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 25.8 21.2 31.8

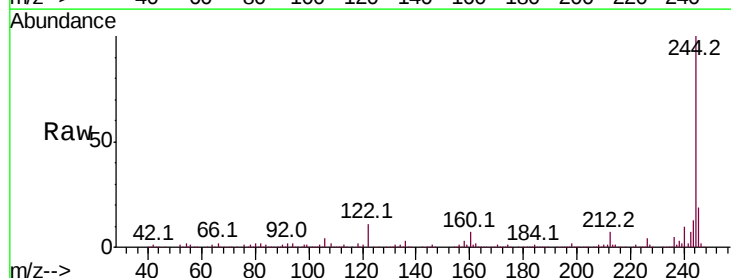


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

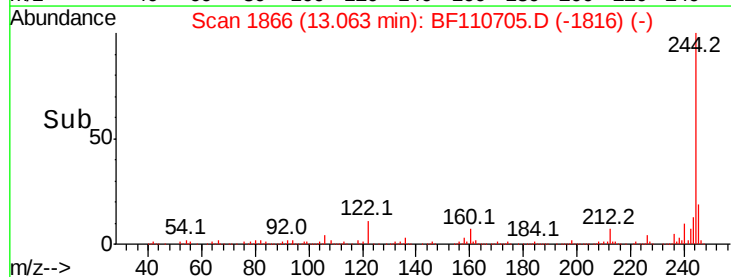
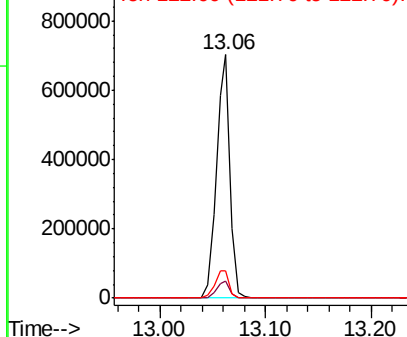


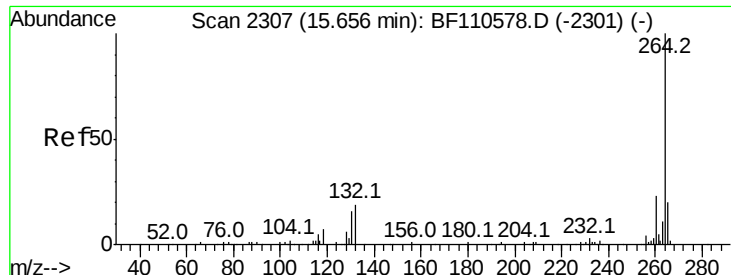
#79
Terphenyl-d14
Concen: 74.387 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110705.D
Acq: 13 Nov 2018 6:18

Tgt Ion:244 Resp: 637194
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 11.4 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

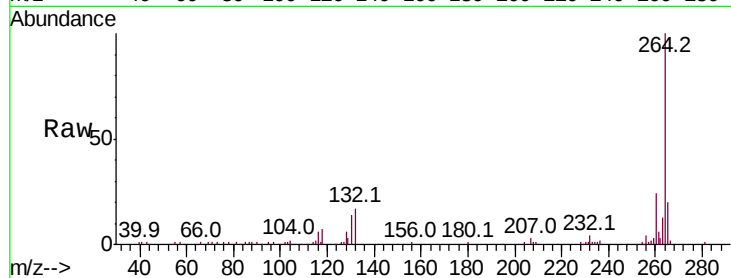




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	20.4	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

