

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110681.D
 Acq On : 12 Nov 2018 18:21
 Operator : JU/SJ
 Sample : J5269-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-D

Quant Time: Nov 13 05:52:04 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

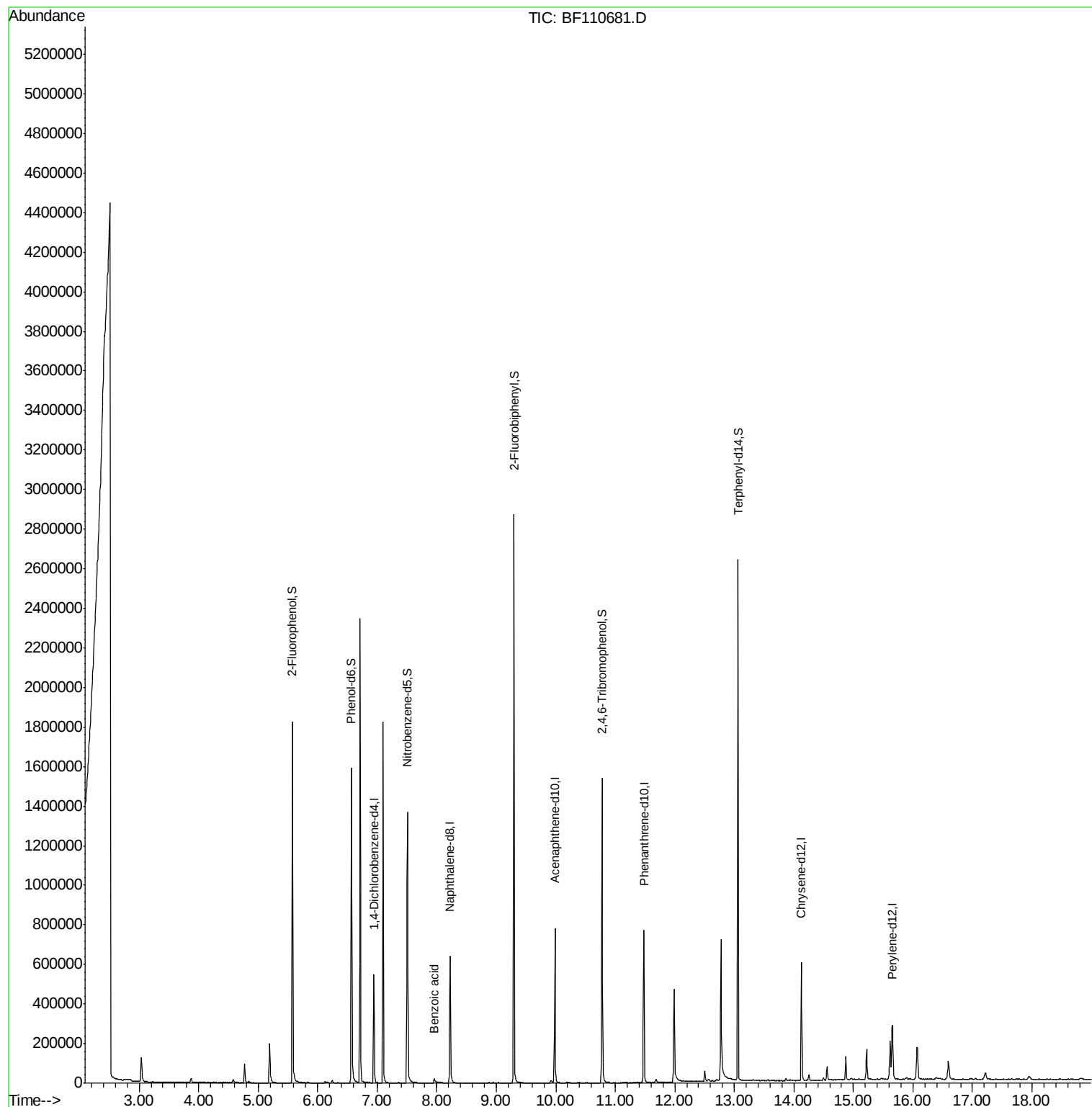
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	83183	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	343808	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	167289	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	311557	20.00	ng	0.00
76) Chrysene-d12	14.13	240	204611	20.00	ng	-0.01
87) Perylene-d12	15.66	264	148761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	512757	100.13	ng	0.01
7) Phenol-d6	6.57	99	578602	88.35	ng	0.00
23) Nitrobenzene-d5	7.51	82	465050	77.90	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	184195	109.27	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	868868	74.18	ng	0.00
79) Terphenyl-d14	13.06	244	832610	76.21	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.96	122	10621	3.230	ng	86

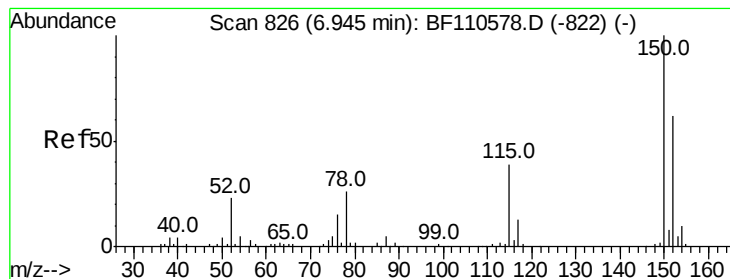
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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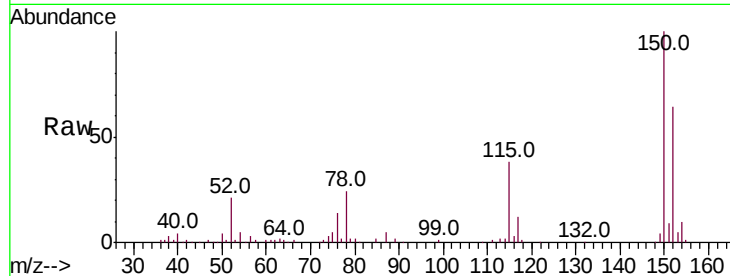


#1

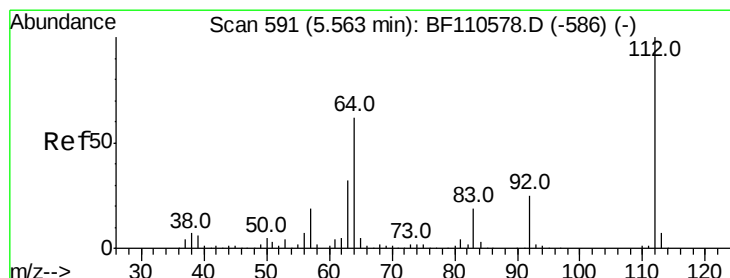
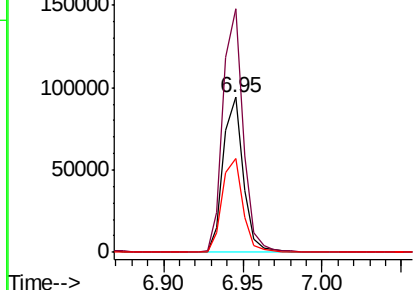
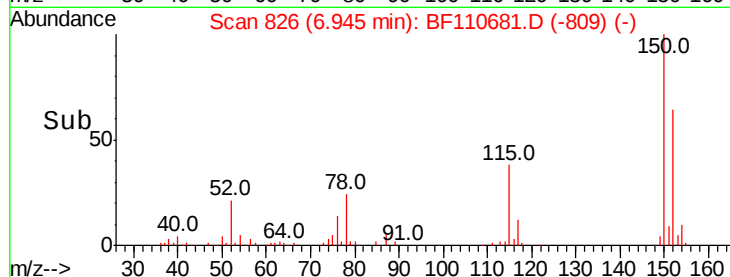
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Instrument :
BNA_F
ClientSampleId :
SB-13-D

Tot Ion:152 Resp: 83183
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 60.4 49.1 73.7



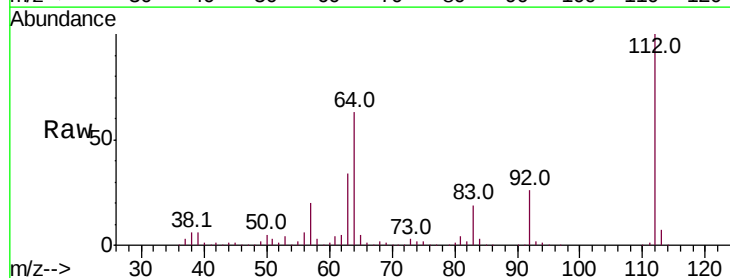
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



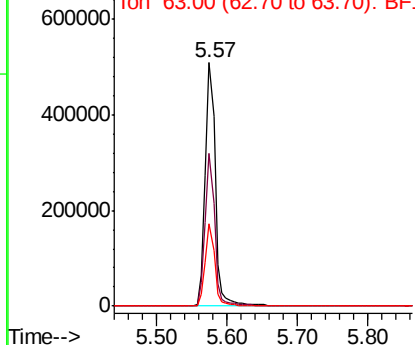
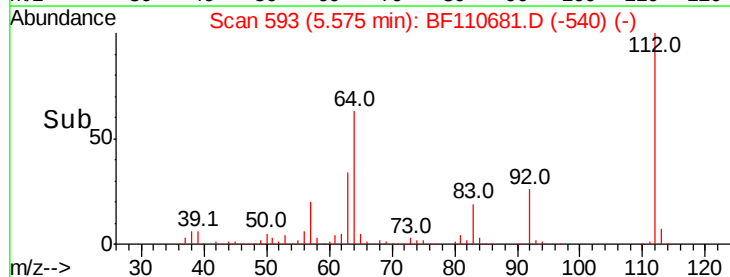
#5

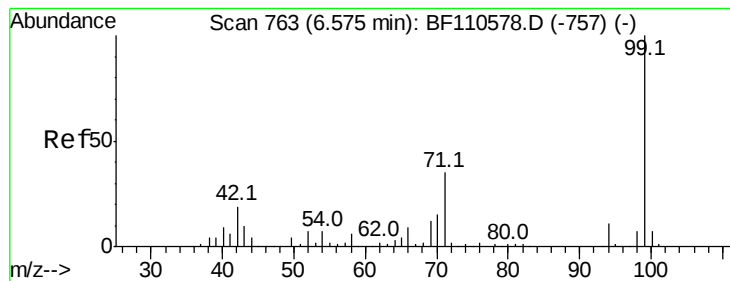
2-Fluorophenol
Concen: 100.126 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Tgt Ion:112 Resp: 512757
Ion Ratio Lower Upper
112 100
64 62.7 44.1 66.1
63 34.0 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: 88.354 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110681.D

Acq: 12 Nov 2018 18:21

Instrument :

BNA_F

ClientSampleId :

SB-13-D

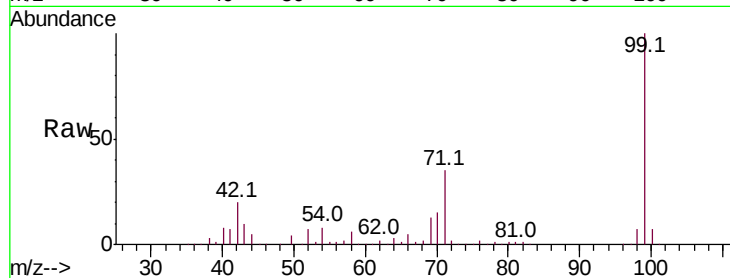
Tot Ion: 99 Resp: 578602

Ion Ratio Lower Upper

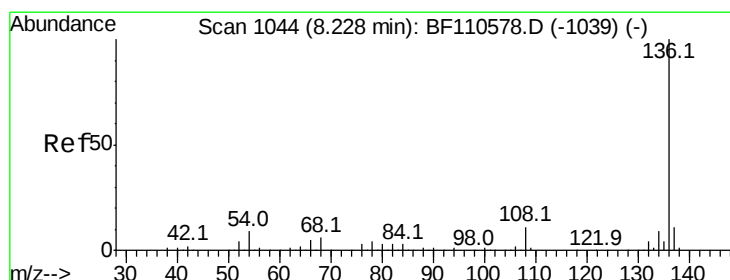
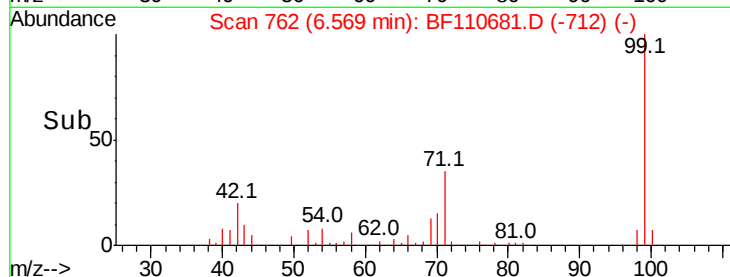
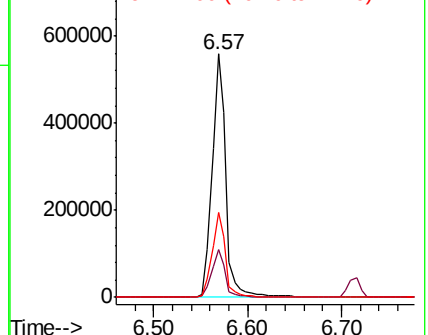
99 100

42 19.7 15.8 23.6

71 34.8 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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110681.D

Acq: 12 Nov 2018 18:21

Tgt Ion: 136 Resp: 343808

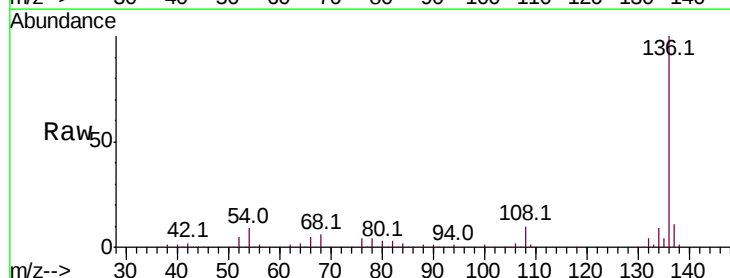
Ion Ratio Lower Upper

136 100

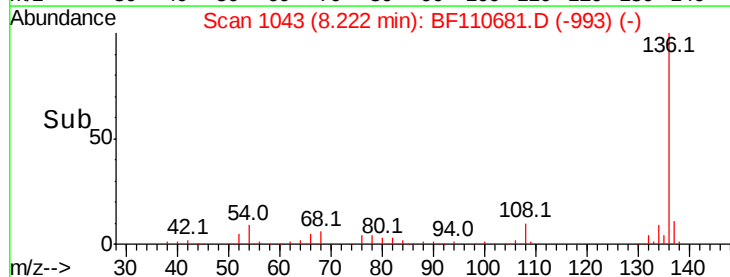
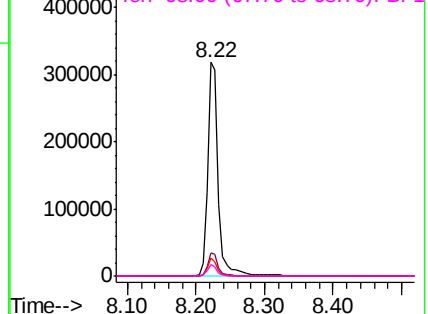
137 11.1 8.8 13.2

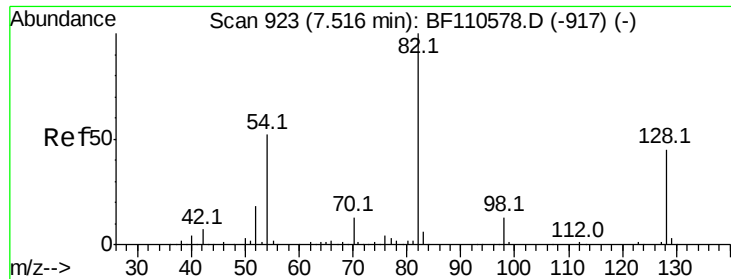
54 8.7 5.4 8.2#

68 5.6 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

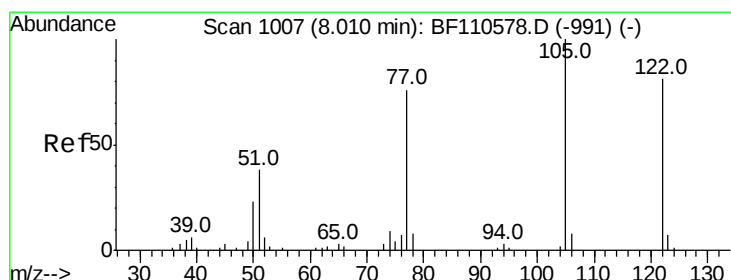
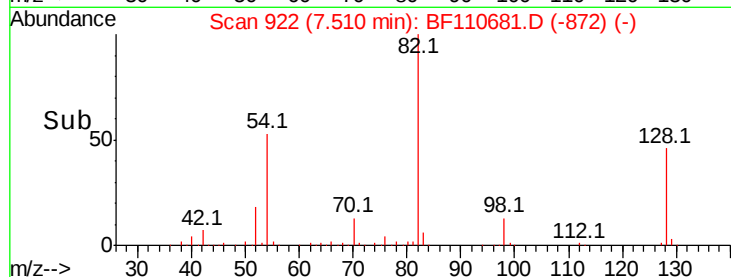
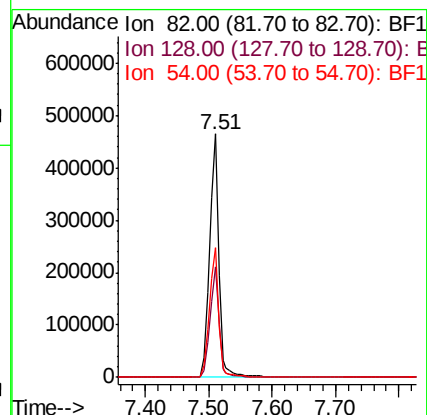
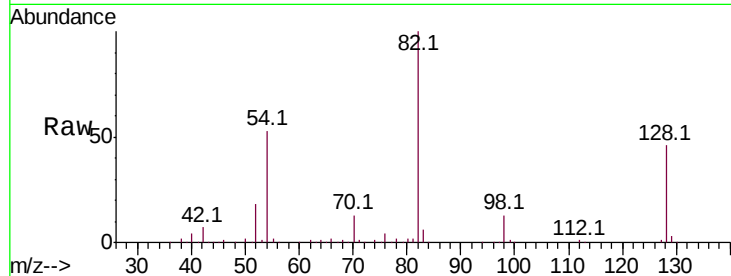




#23
 Nitrobenzene-d5
 Concen: 77.898 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

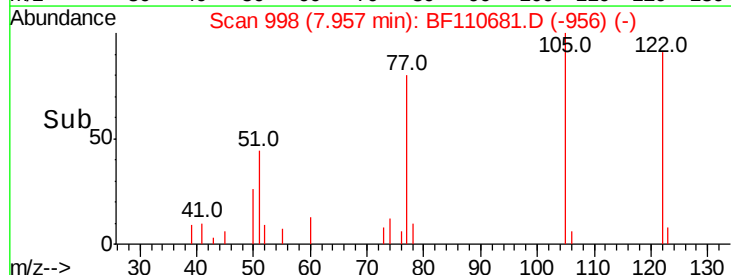
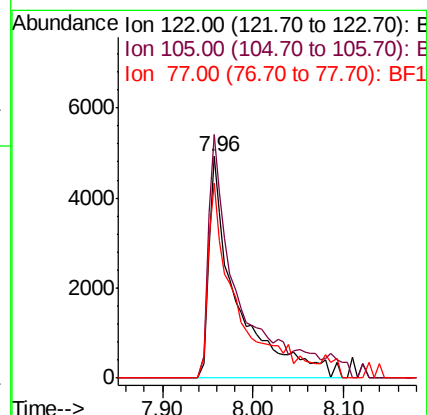
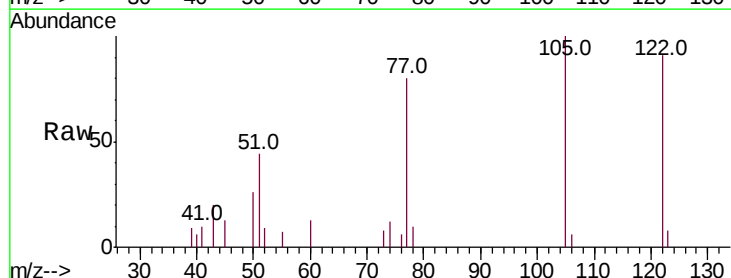
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-D

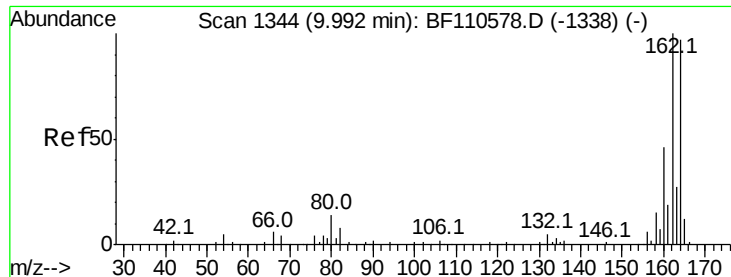
Tot Ion: 82 Resp: 465050
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.2 51.2
 54 53.1 38.6 58.0



#32
 Benzoic acid
 Concen: 3.230 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

Tgt Ion: 122 Resp: 10621
 Ion Ratio Lower Upper
 122 100
 105 109.9 109.0 149.0
 77 87.8 79.0 119.0

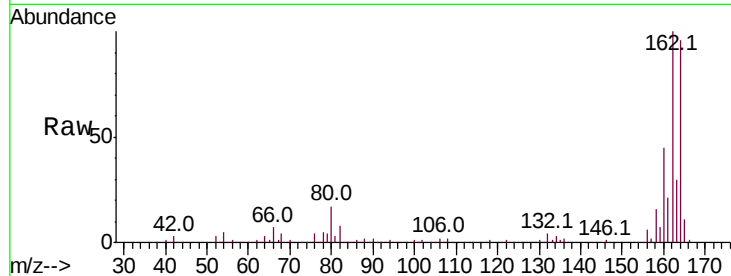




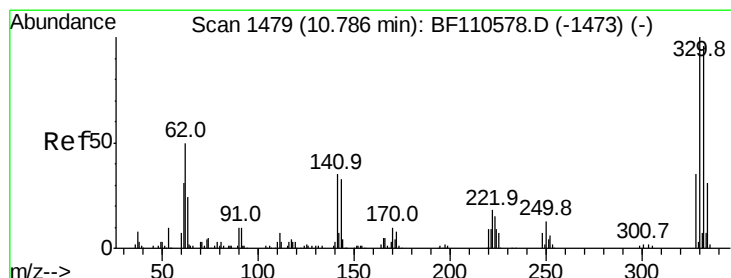
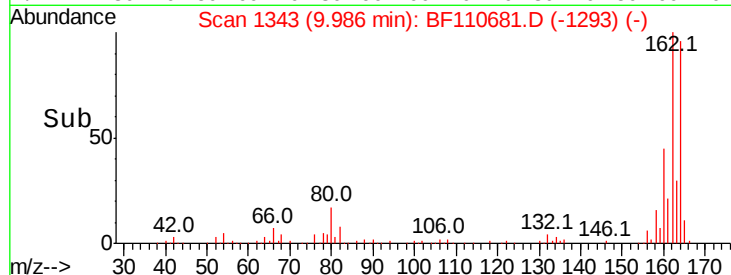
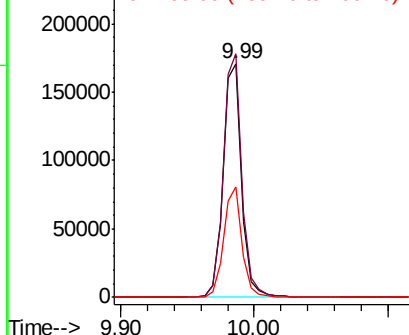
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Instrument :
BNA_F
ClientSampleId :
SB-13-D

Tot Ion:164 Resp: 167289
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 47.2 37.0 55.6

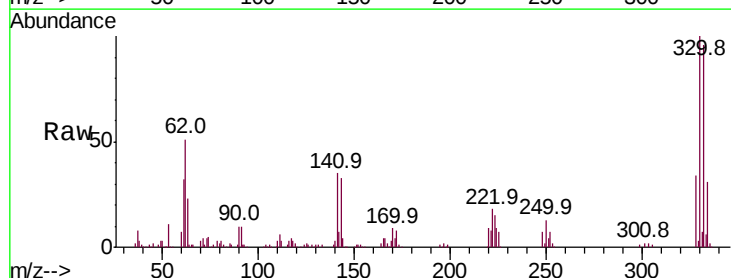


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

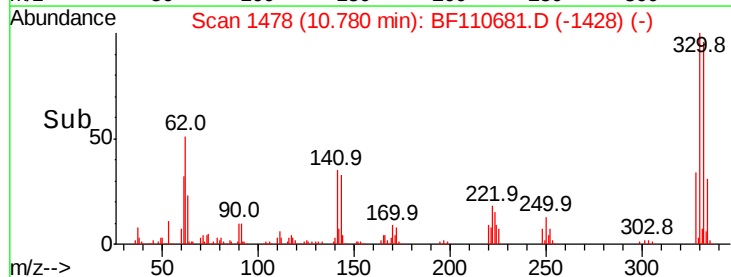
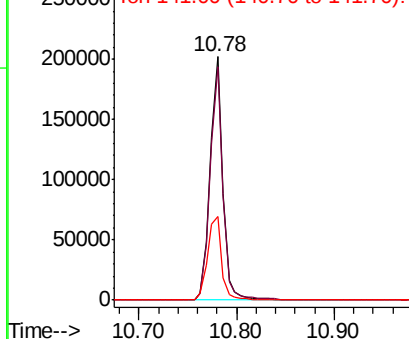


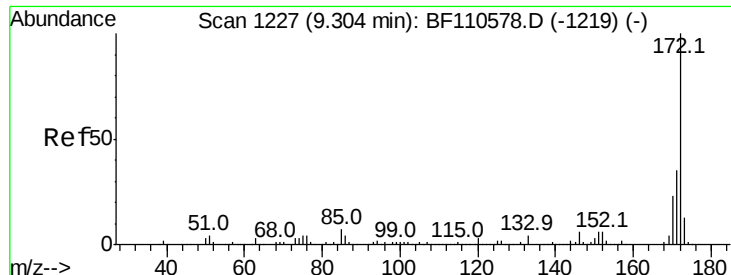
#42
2,4,6-Tribromophenol
Concen: 109.273 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Tgt Ion:330 Resp: 184195
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.9 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

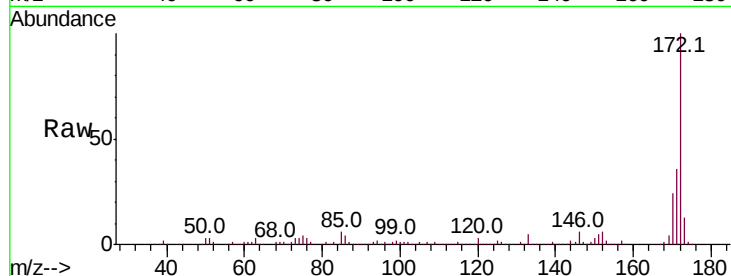




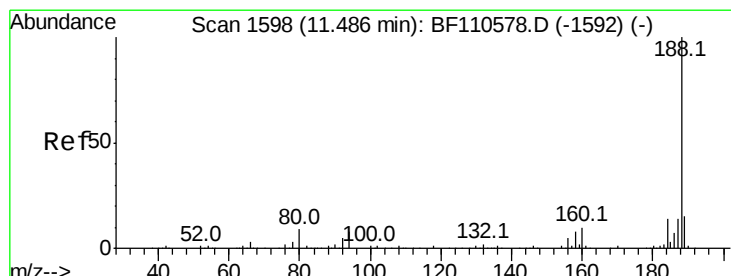
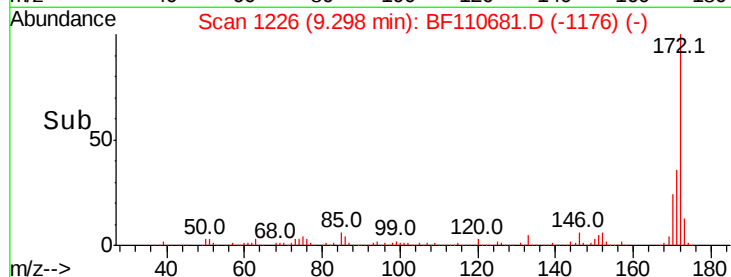
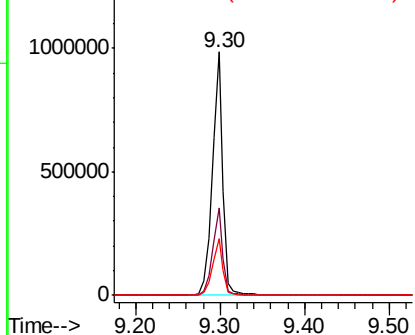
#45
 2-Fluorobiphenyl
 Concen: 74.177 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-D

Tot Ion:172 Resp: 868868
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 19.7 29.5

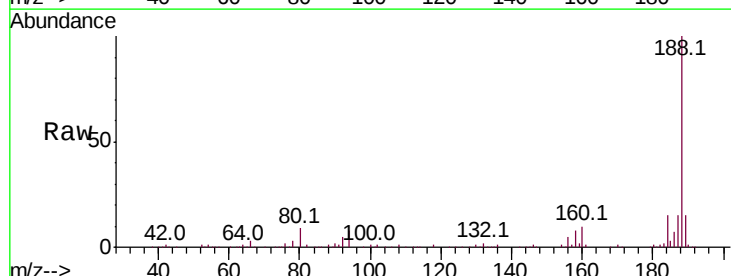


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

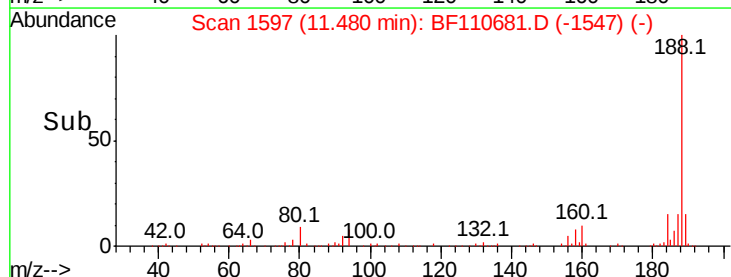
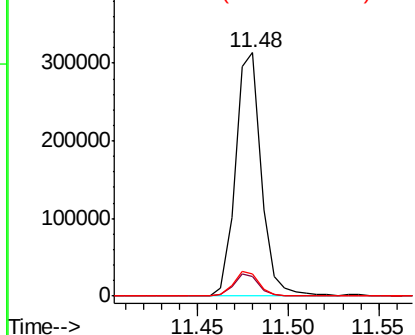


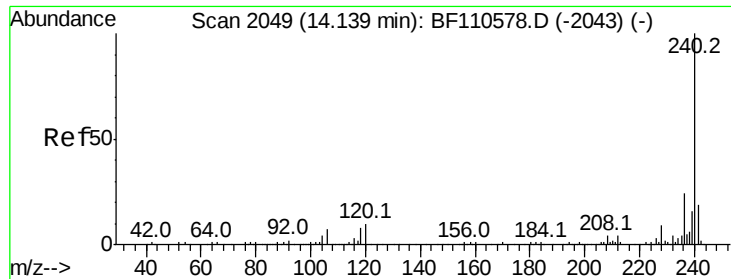
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

Tgt Ion:188 Resp: 311557
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.2 10.8
 80 9.2 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

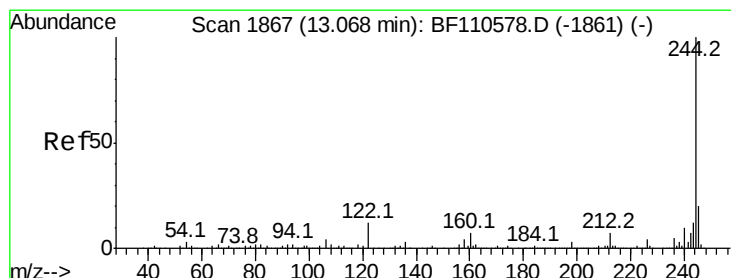
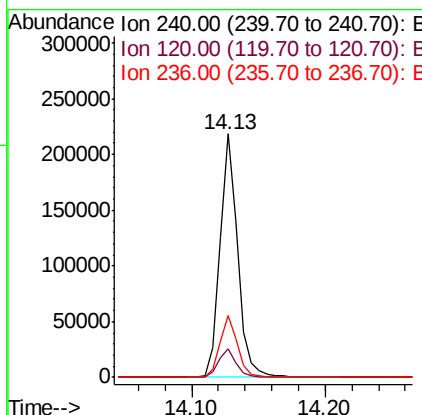
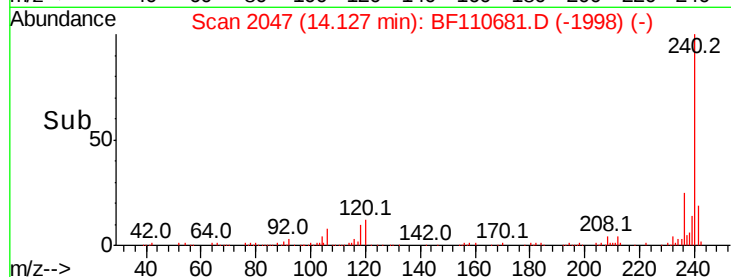
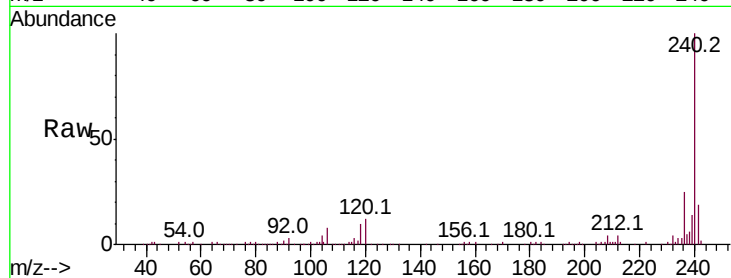




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

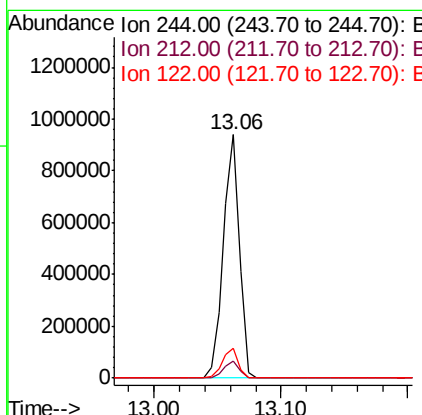
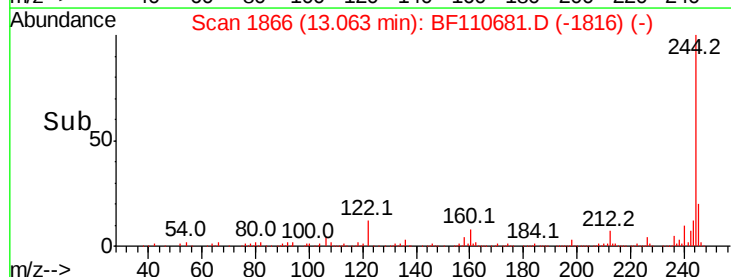
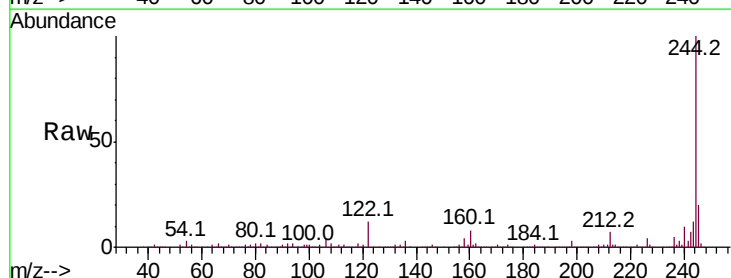
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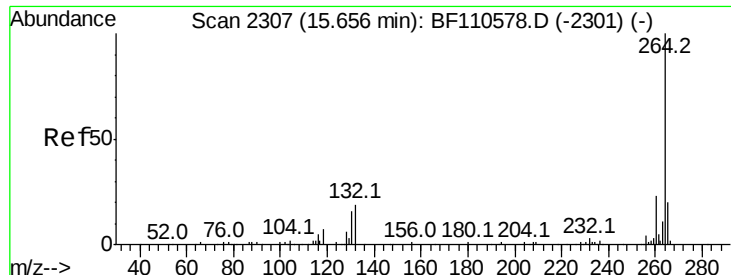
Tot Ion:240 Resp: 204611
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.2 21.2 31.8



#79
Terphenyl-d14
Concen: 76.207 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Tgt Ion:244 Resp: 832610
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.1 8.7 13.1

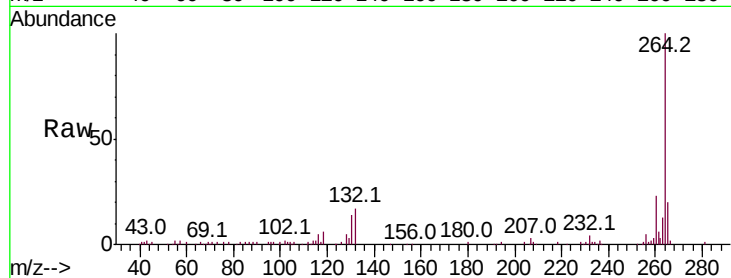




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-D

Tot Ion:264 Resp: 148761
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 20.5 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

