

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110683.D
 Acq On : 12 Nov 2018 19:16
 Operator : JU/SJ
 Sample : J5887-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1-S

Quant Time: Nov 13 05:56:42 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	84255	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	341331	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	164222	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	308721	20.00	ng	0.00
76) Chrysene-d12	14.13	240	193670	20.00	ng	-0.01
87) Perylene-d12	15.66	264	144291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	534682	103.08	ng	0.01
7) Phenol-d6	6.57	99	604319	91.11	ng	0.00
23) Nitrobenzene-d5	7.51	82	479780	80.95	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	188785	114.09	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	906931	78.87	ng	0.00
79) Terphenyl-d14	13.06	244	853071	82.49	ng	0.00

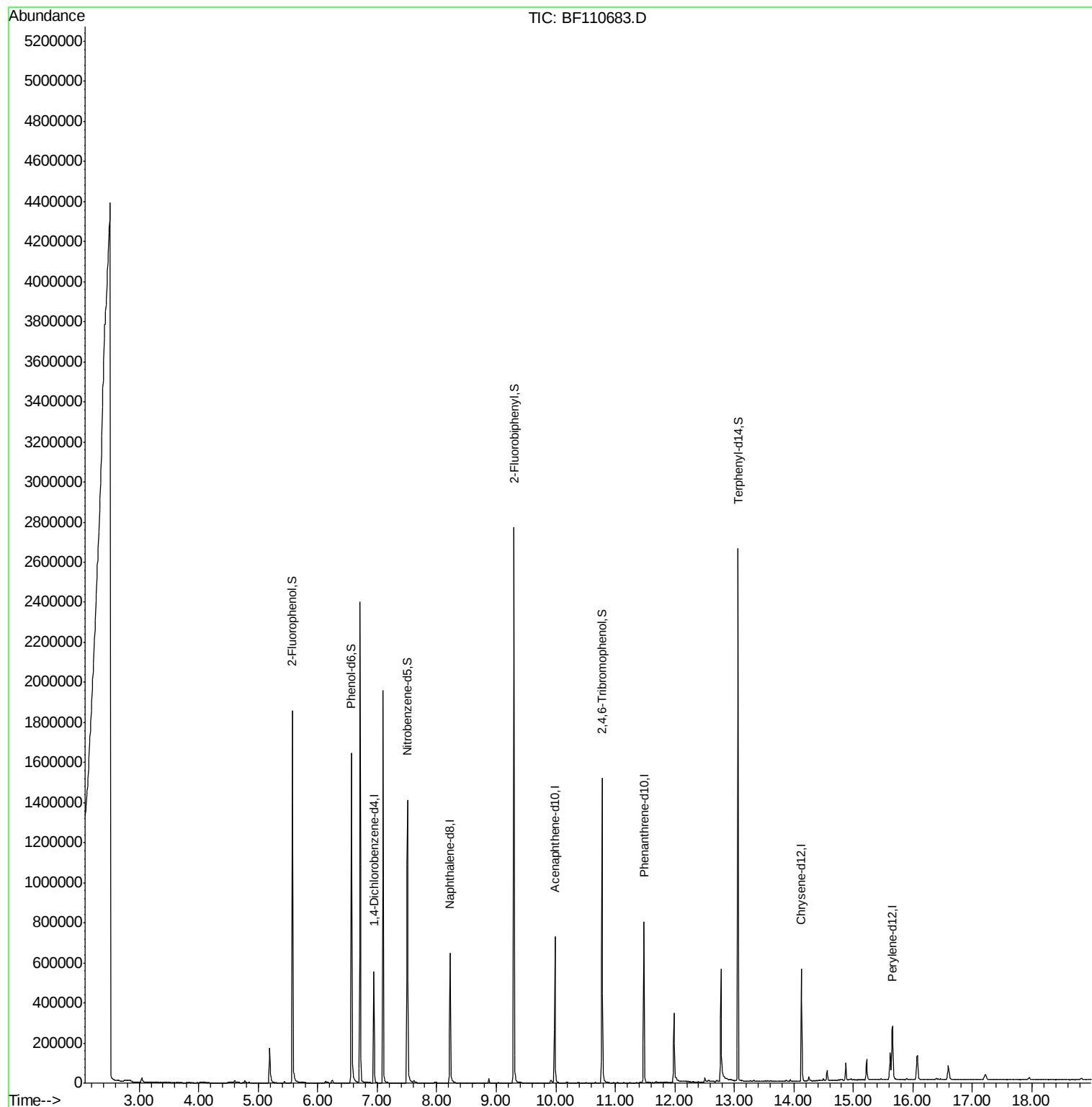
Target Compounds Qvalue

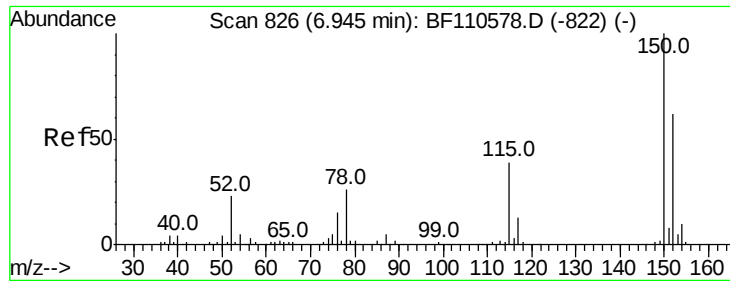
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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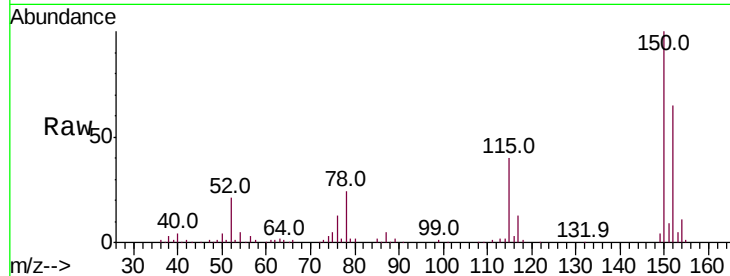


#1

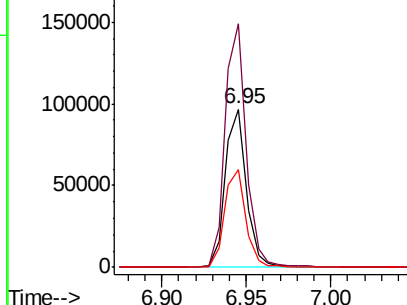
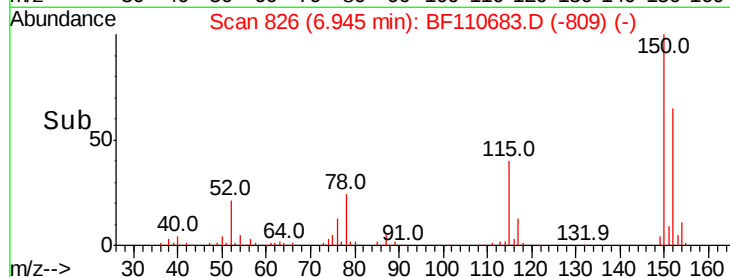
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 W-1-S

Tot Ion:152 Resp: 84255
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.7 184.1
 115 61.7 49.1 73.7



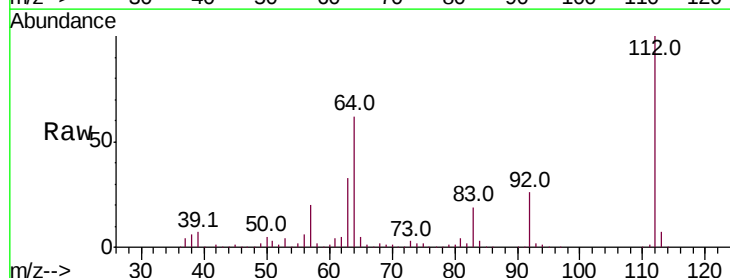
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



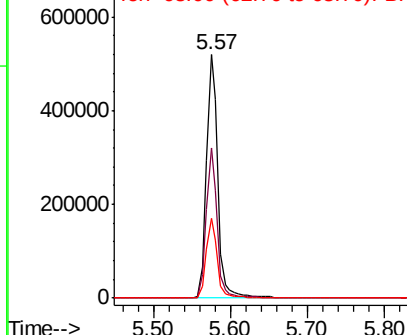
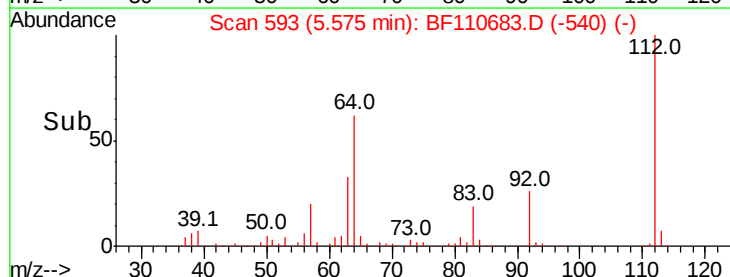
#5

2-Fluorophenol
 Concen: 103.079 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Tgt Ion:112 Resp: 534682
 Ion Ratio Lower Upper
 112 100
 64 61.7 44.1 66.1
 63 32.9 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: 91.107 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

Instrument :

BNA_F

ClientSampleId :

W-1-S

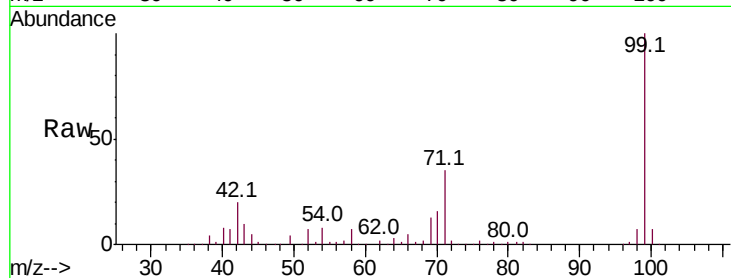
Tot Ion: 99 Resp: 604319

Ion Ratio Lower Upper

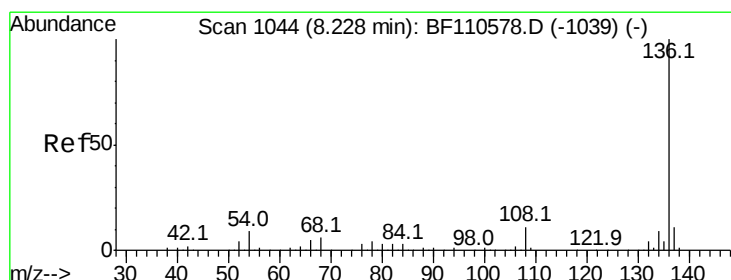
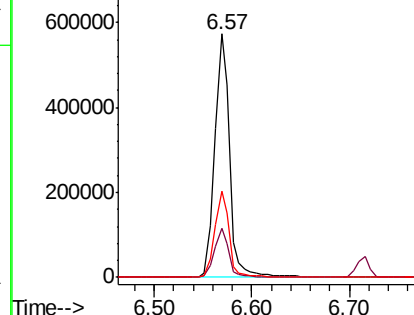
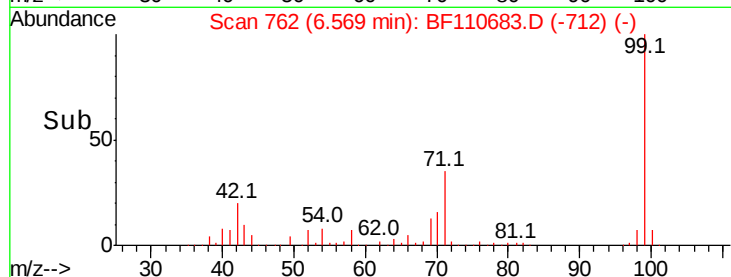
99 100

42 20.3 15.8 23.6

71 35.2 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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

Tgt Ion: 136 Resp: 341331

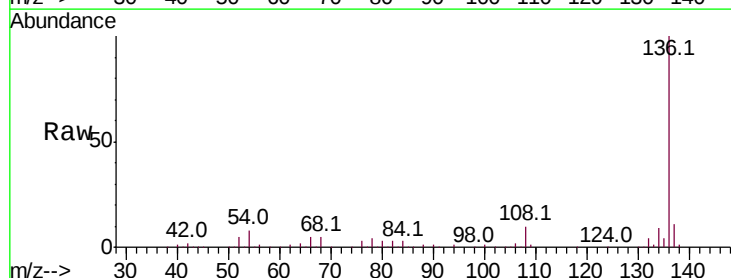
Ion Ratio Lower Upper

136 100

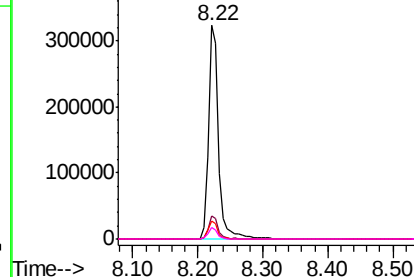
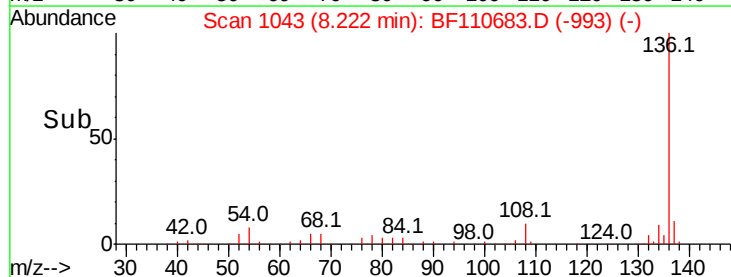
137 11.0 8.8 13.2

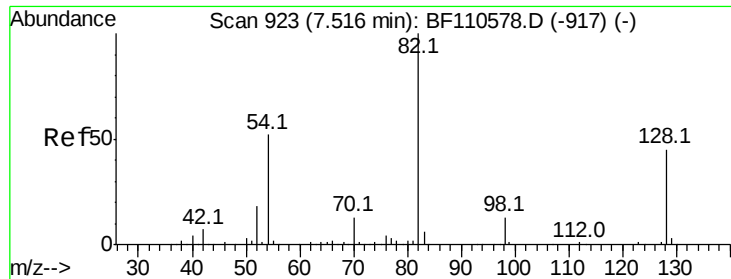
54 8.2 5.4 8.2#

68 5.3 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

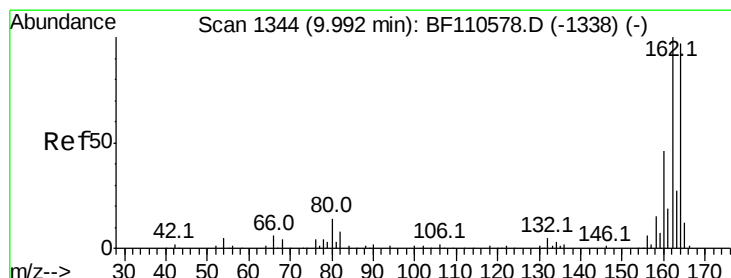
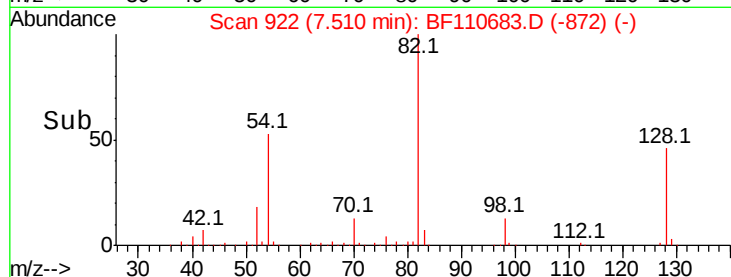
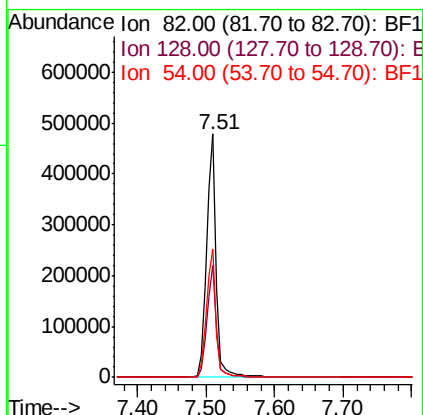
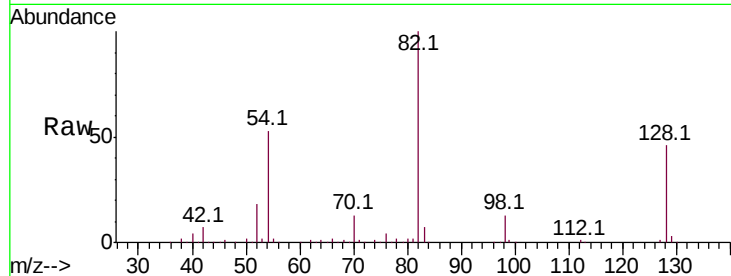




#23
 Nitrobenzene-d5
 Concen: 80.949 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

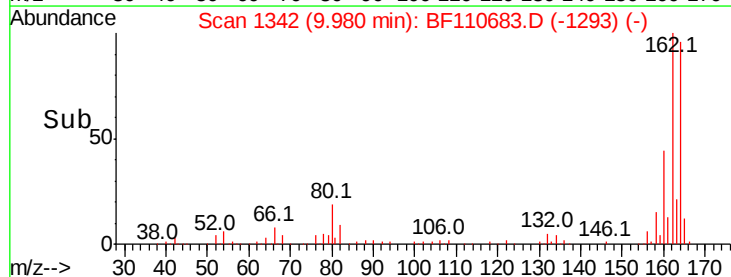
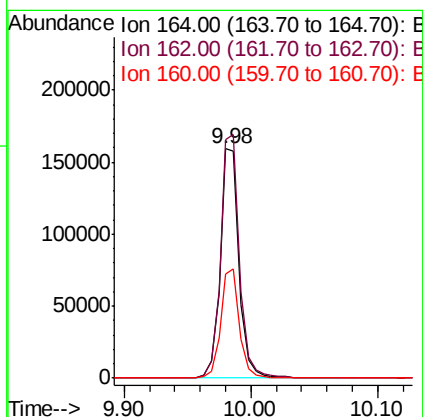
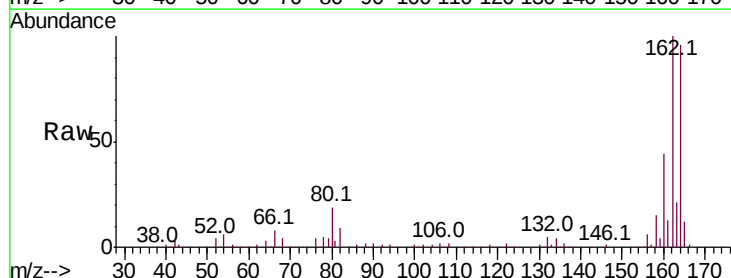
Instrument :
 BNA_F
 ClientSampleId :
 W-1-S

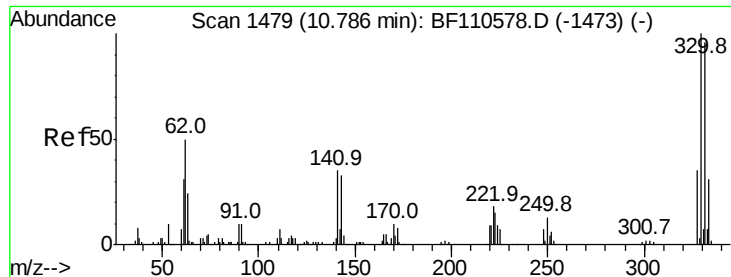
Tot Ion: 82 Resp: 479780
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.2 51.2
 54 52.6 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Tgt Ion: 164 Resp: 164222
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.0 124.6
 160 45.4 37.0 55.6

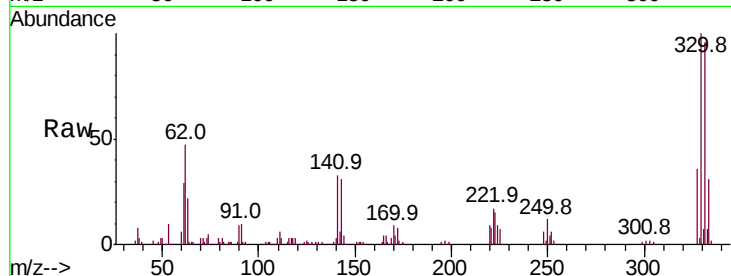




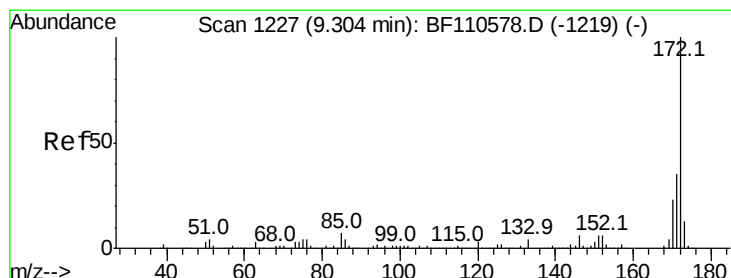
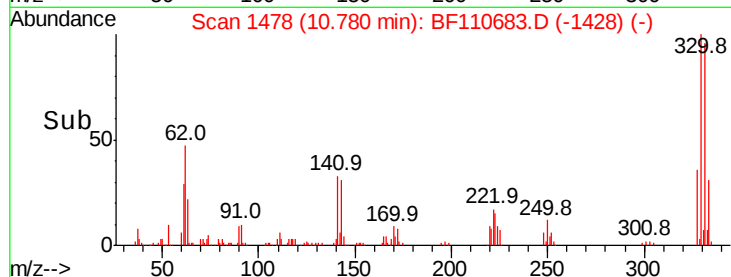
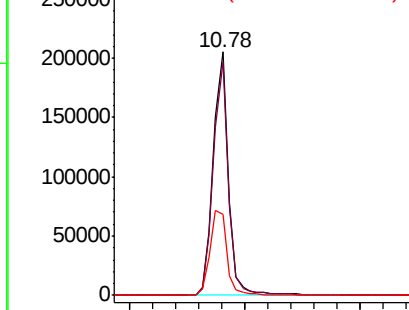
#42
 2,4,6-Tribromophenol
 Concen: 114.087 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Instrument :
 BNA_F
 ClientSampled :
 W-1-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	38.4	27.0	40.4

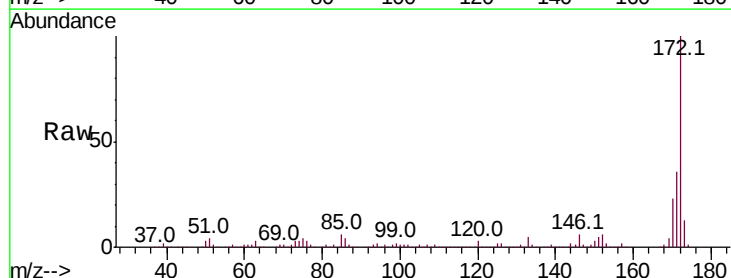


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

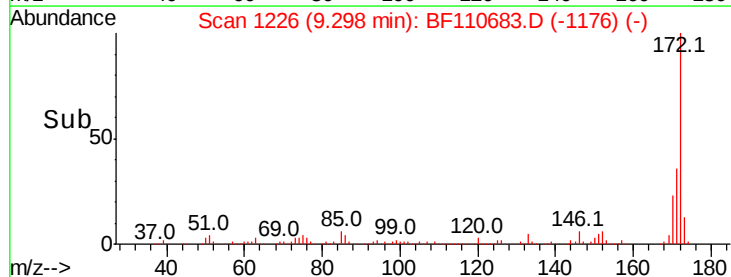
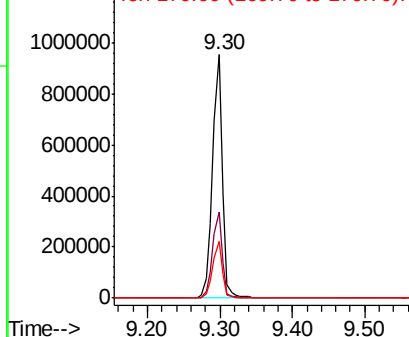


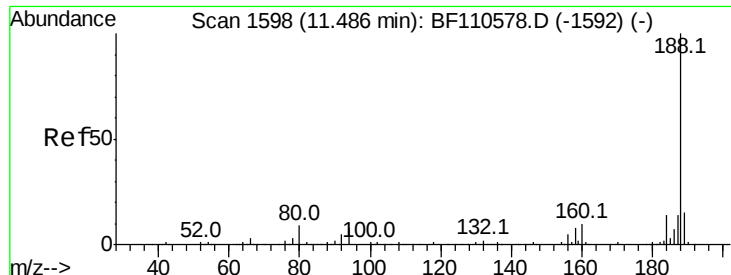
#45
 2-Fluorobiphenyl
 Concen: 78.873 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

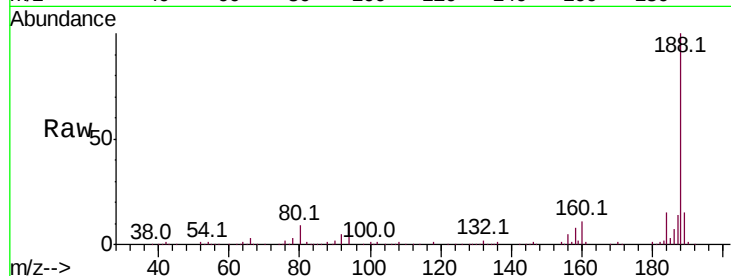




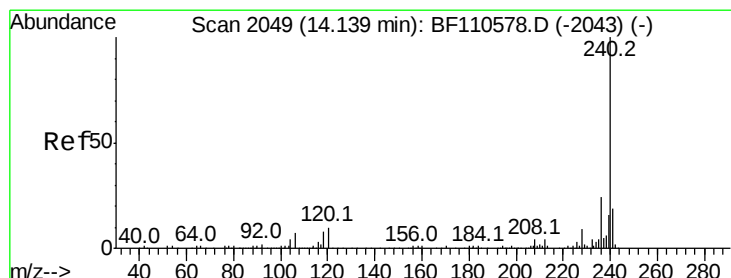
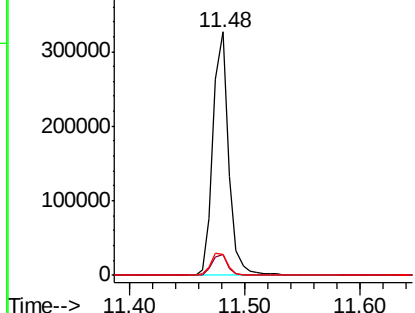
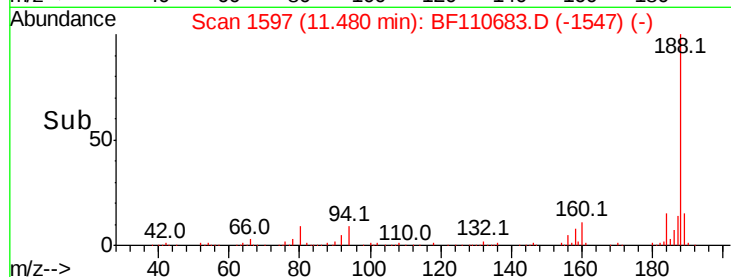
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110683.D
Acq: 12 Nov 2018 19:16

Instrument :
BNA_F
ClientSampleId :
W-1-S

Tot Ion:188 Resp: 308721
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.6 7.9 11.9

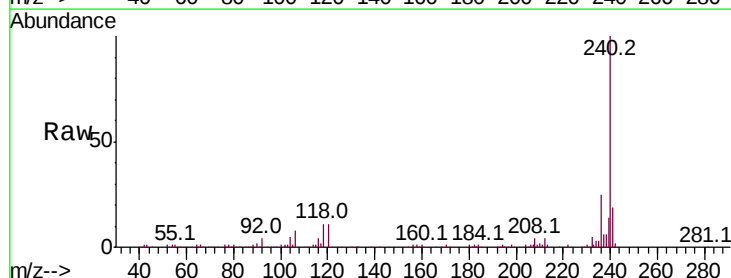


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

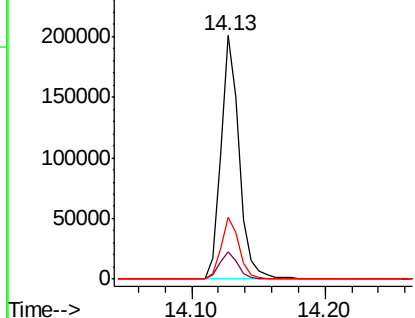
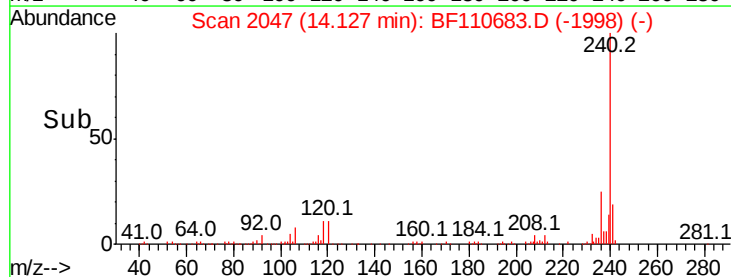


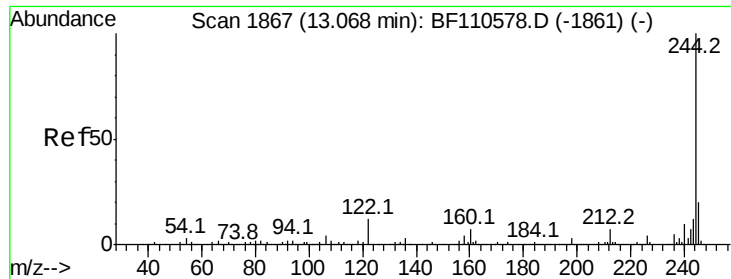
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110683.D
Acq: 12 Nov 2018 19:16

Tgt Ion:240 Resp: 193670
Ion Ratio Lower Upper
240 100
120 11.0 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

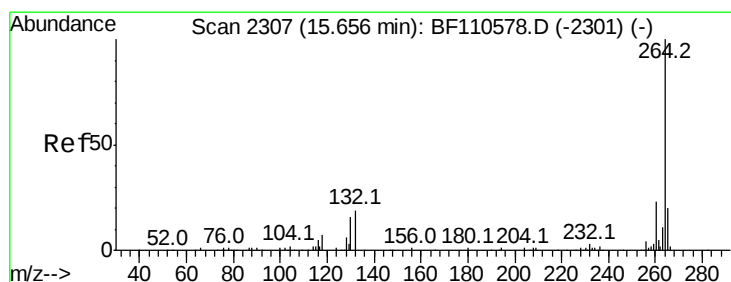
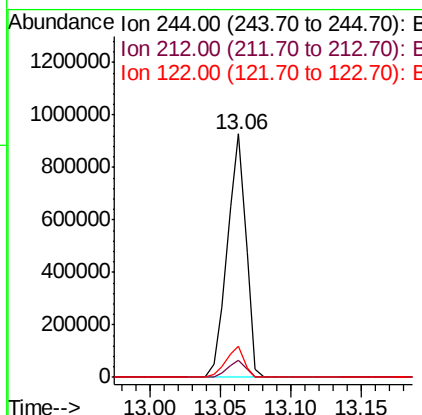
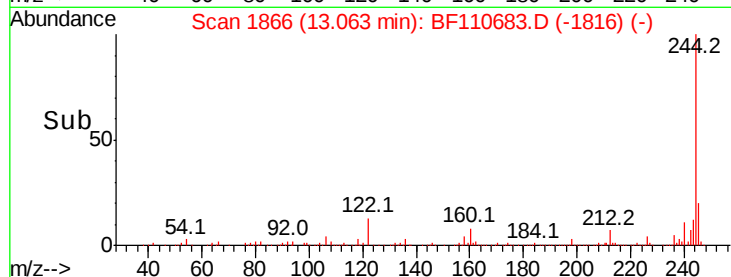
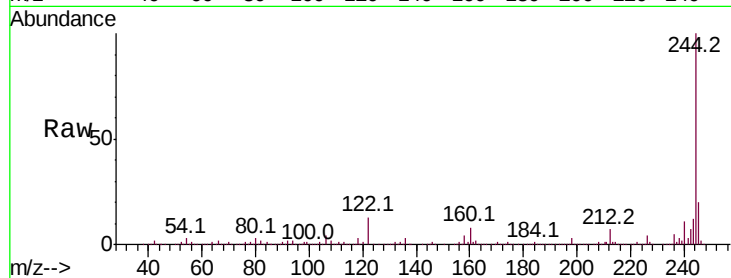




#79
 Terphenyl-d14
 Concen: 82.491 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 W-1-S

Tot Ion:244 Resp: 853071
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.9 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: BF110683.D
 Acq: 12 Nov 2018 19:16

Tgt Ion:264 Resp: 144291
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.7 28.1
 265 20.4 16.7 25.1

