

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110682.D
 Acq On : 12 Nov 2018 18:49
 Operator : JU/SJ
 Sample : J5269-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Quant Time: Nov 13 05:53:53 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	78561	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	325691	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	161095	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	307802	20.00	ng	0.00
76) Chrysene-d12	14.13	240	199803	20.00	ng	-0.01
87) Perylene-d12	15.66	264	148828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	495144	102.38	ng	0.01
7) Phenol-d6	6.57	99	564994	91.35	ng	0.00
23) Nitrobenzene-d5	7.51	82	455051	80.46	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	185569	114.32	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	861829	76.41	ng	0.00
79) Terphenyl-d14	13.06	244	839665	78.70	ng	0.00

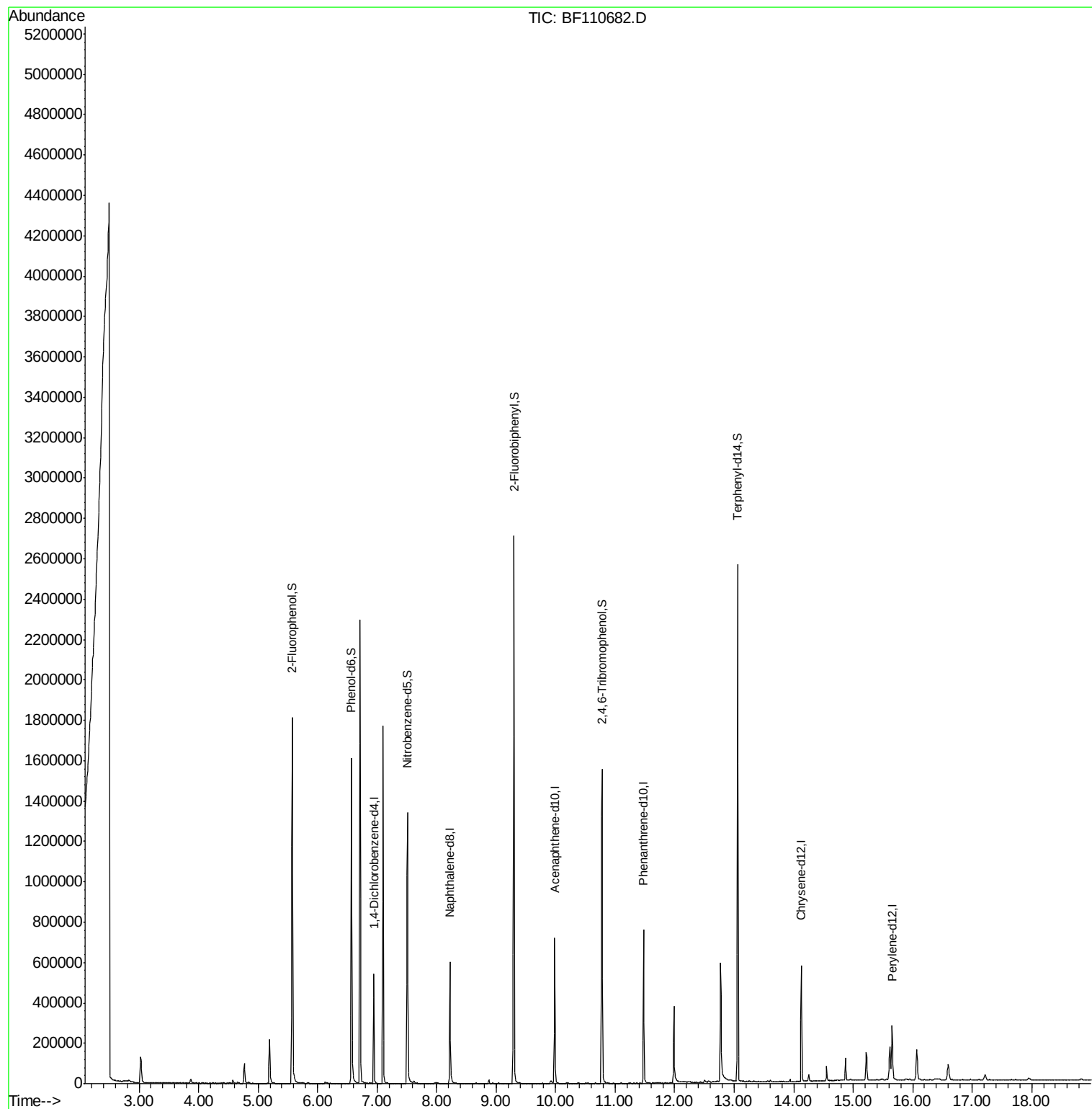
Target Compounds Qvalue

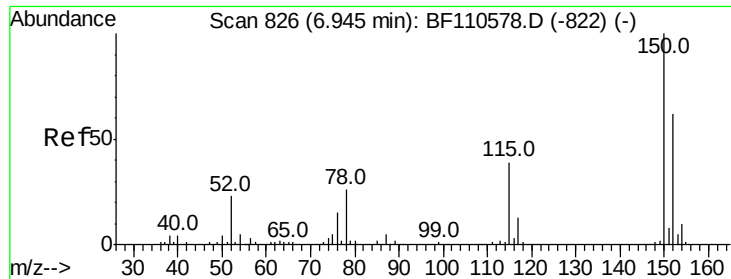
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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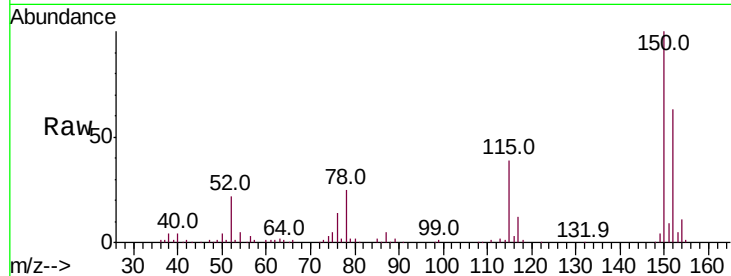


#1

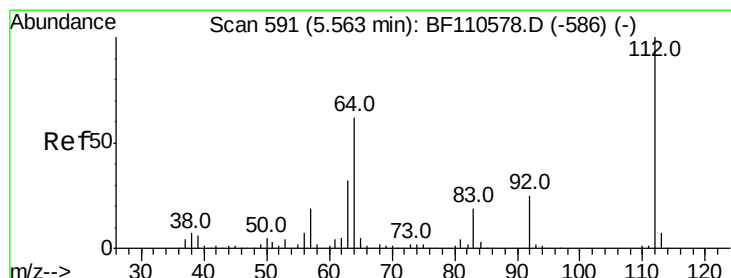
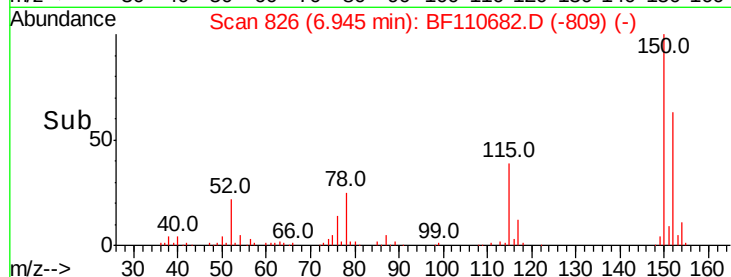
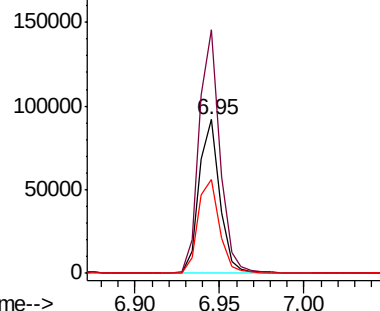
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110682.D
Acq: 12 Nov 2018 18:49

Instrument :
BNA_F
ClientSampled :
SB-14

Tot Ion:152 Resp: 78561
Ion Ratio Lower Upper
152 100
150 158.3 122.7 184.1
115 61.3 49.1 73.7



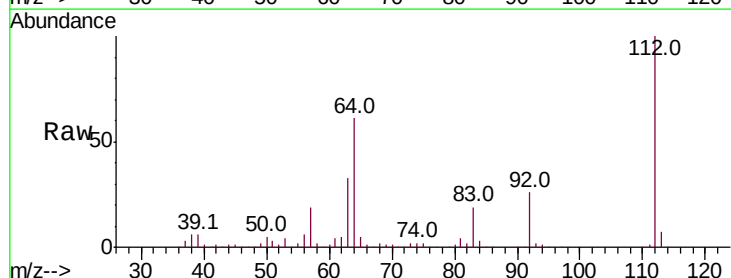
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



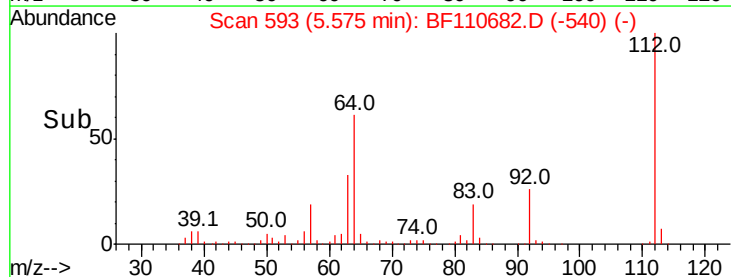
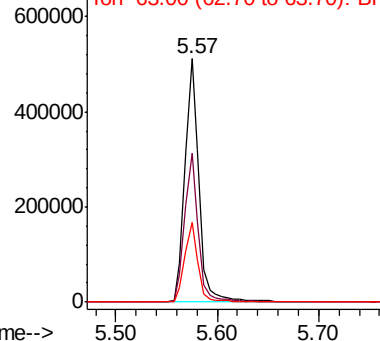
#5

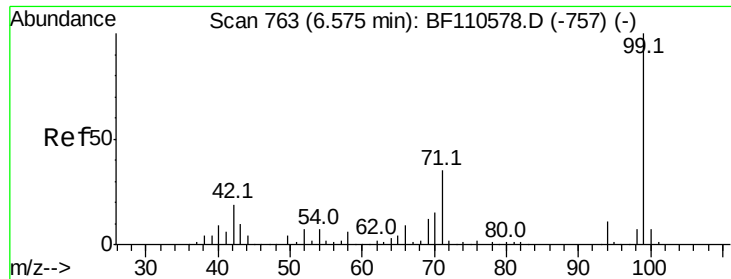
2-Fluorophenol
Concen: 102.375 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110682.D
Acq: 12 Nov 2018 18:49

Tgt Ion:112 Resp: 495144
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 32.7 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: 91.352 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110682.D

Acq: 12 Nov 2018 18:49

Instrument :

BNA_F

ClientSampled :

SB-14

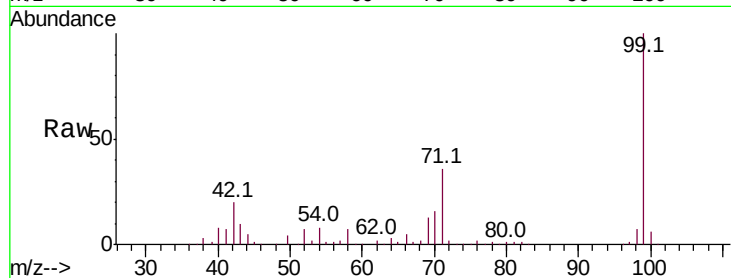
Tot Ion: 99 Resp: 564994

Ion Ratio Lower Upper

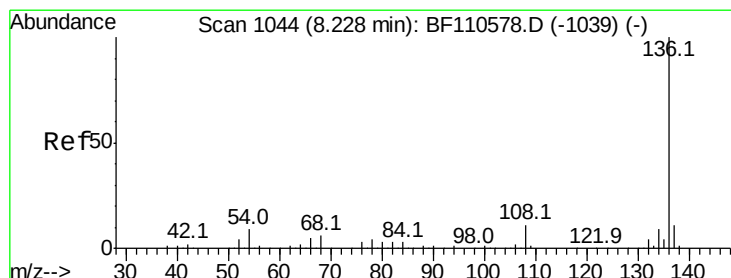
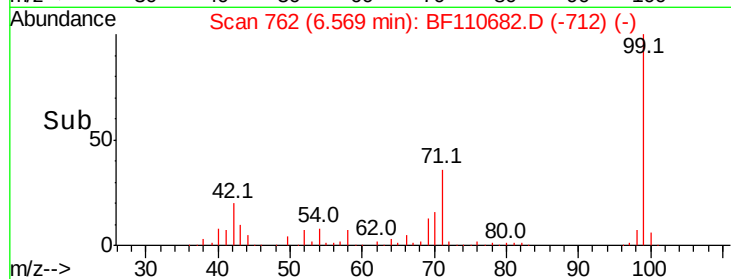
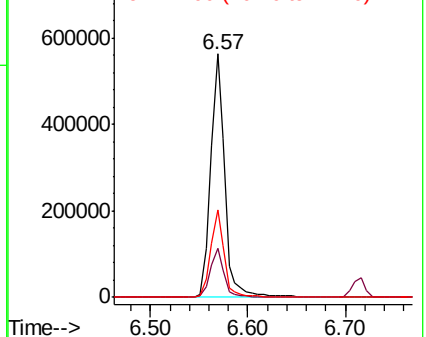
99 100

42 19.9 15.8 23.6

71 35.7 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: BF110682.D

Acq: 12 Nov 2018 18:49

Tgt Ion: 136 Resp: 325691

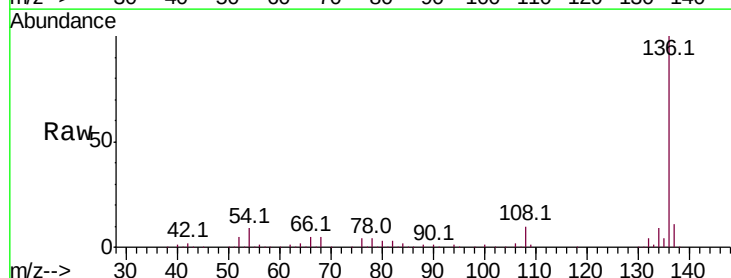
Ion Ratio Lower Upper

136 100

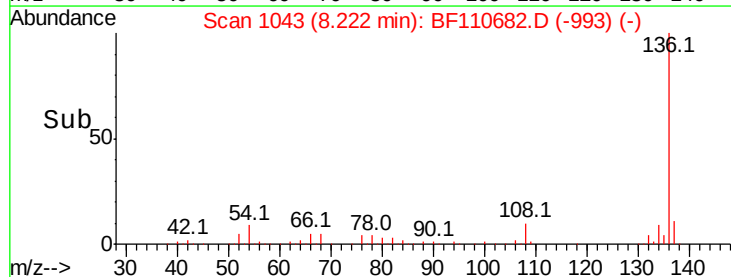
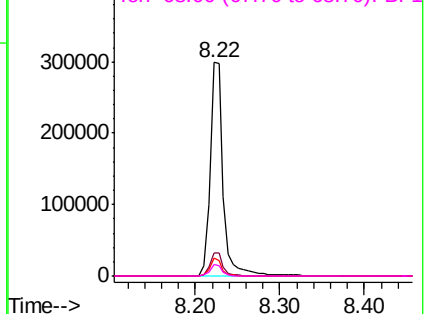
137 11.0 8.8 13.2

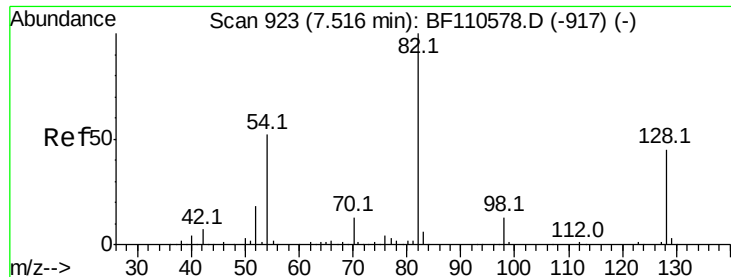
54 8.6 5.4 8.2#

68 5.1 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

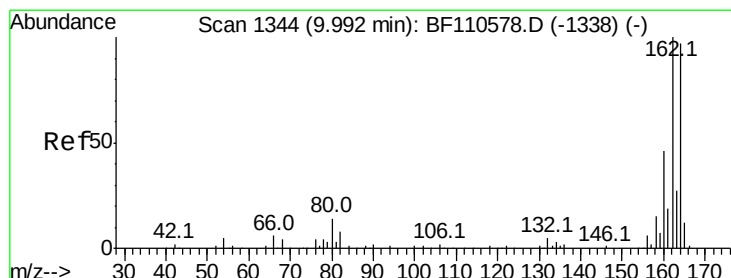
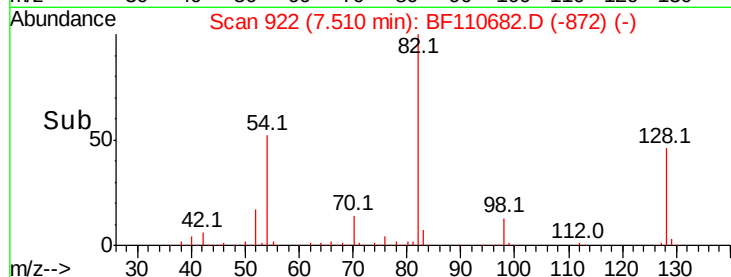
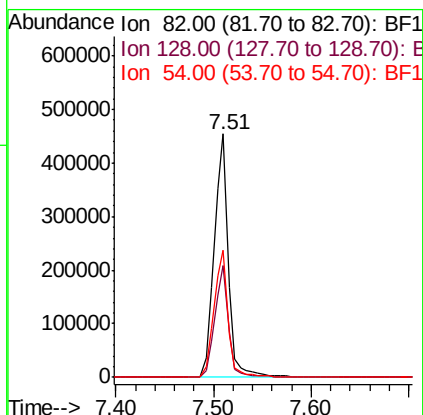
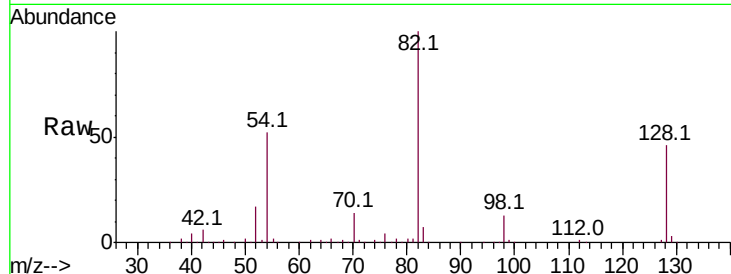




#23
 Nitrobenzene-d5
 Concen: 80.463 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110682.D
 Acq: 12 Nov 2018 18:49

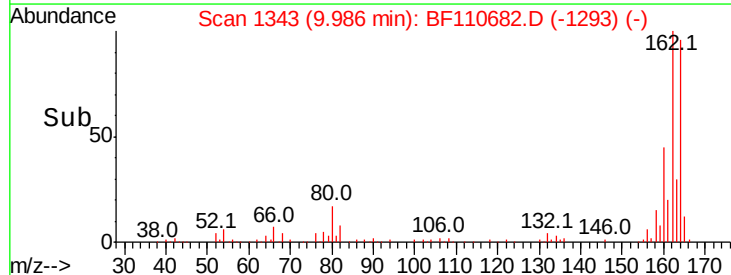
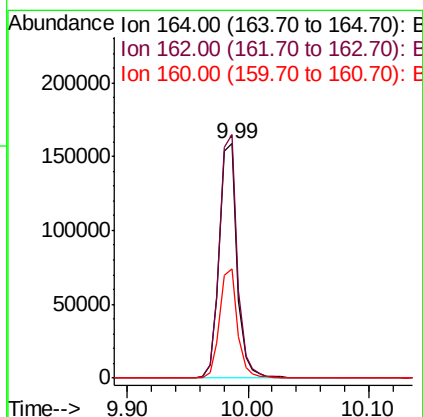
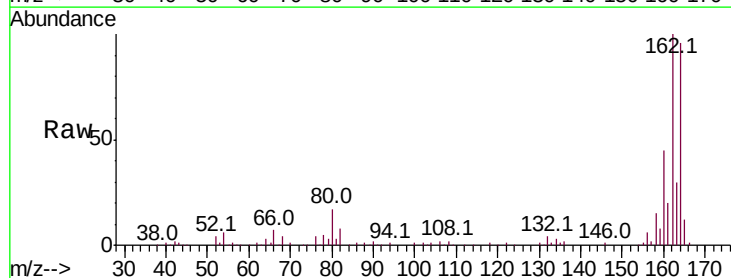
Instrument :
 BNA_F
 ClientSampleID :
 SB-14

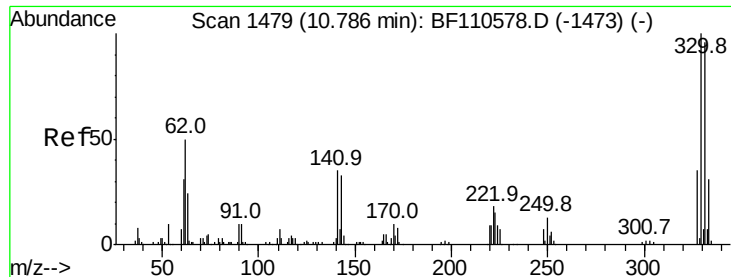
Tot Ion	82	Resp	455051
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.2	51.2
54	52.0	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110682.D
 Acq: 12 Nov 2018 18:49

Tgt Ion	164	Resp	161095
Ion Ratio	Lower	Upper	
164	100		
162	103.8	83.0	124.6
160	46.5	37.0	55.6

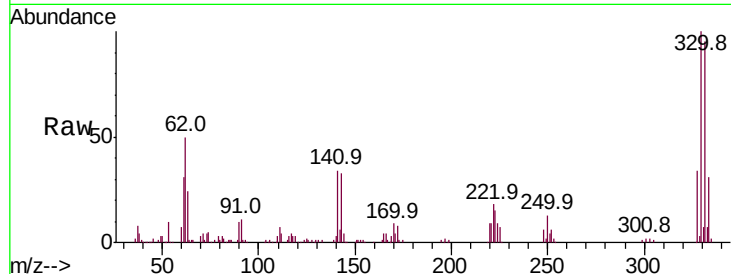




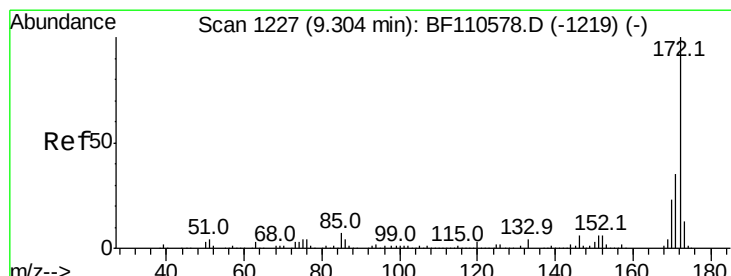
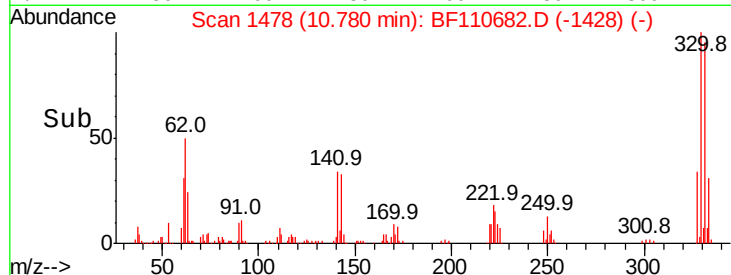
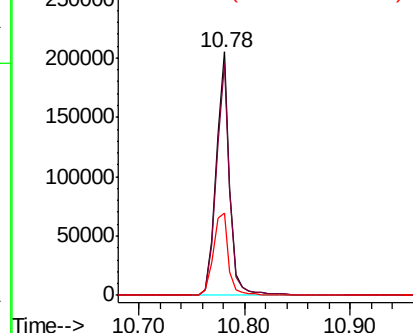
#42
 2,4,6-Tribromophenol
 Concen: 114.321 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110682.D
 Acq: 12 Nov 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	37.7	27.0	40.4

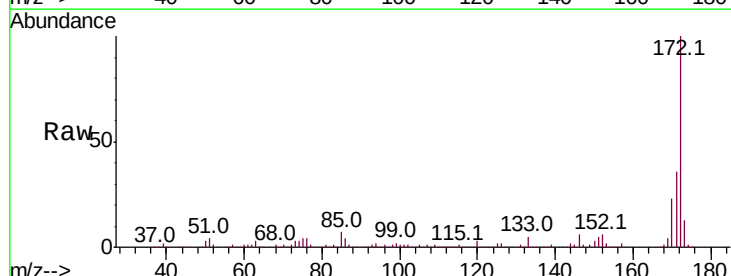


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

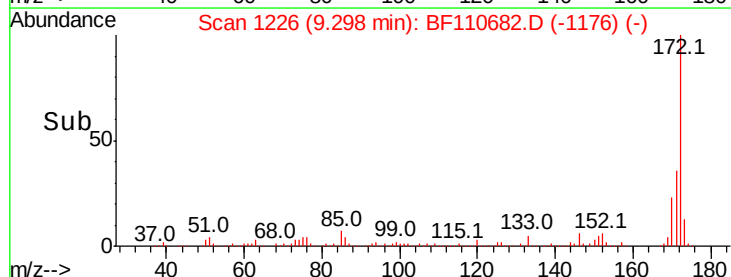
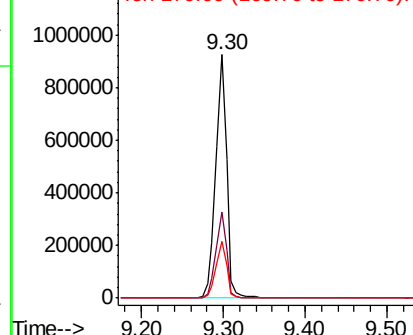


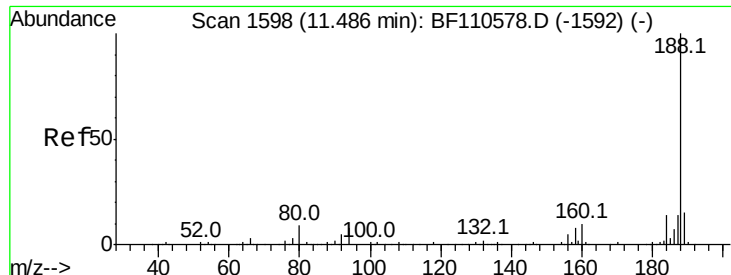
#45
 2-Fluorobiphenyl
 Concen: 76.405 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110682.D
 Acq: 12 Nov 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.2	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110682.D

Acq: 12 Nov 2018 18:49

Instrument :

BNA_F

ClientSampleId :

SB-14

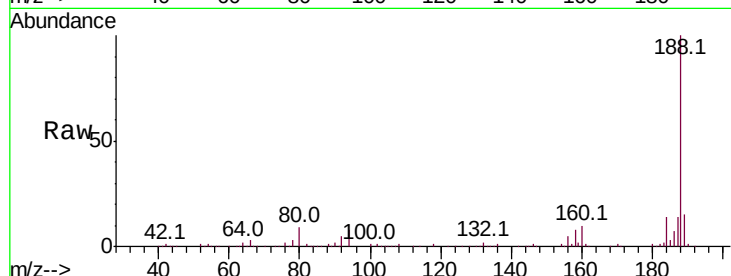
Tot Ion:188 Resp: 307802

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

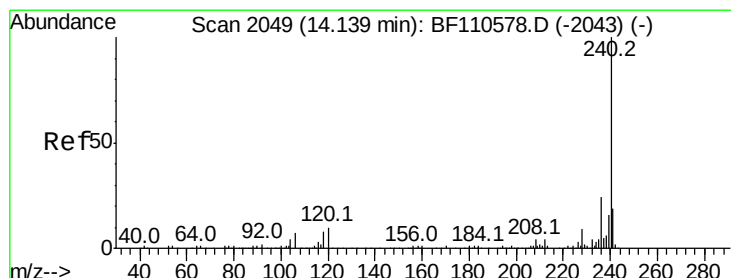
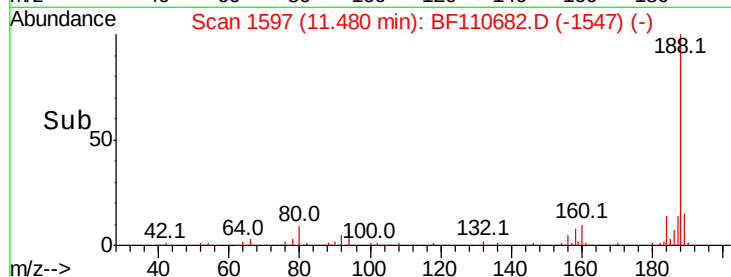
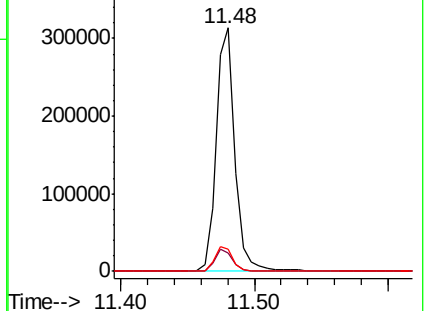
80 9.1 7.9 11.9



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: BF110682.D

Acq: 12 Nov 2018 18:49

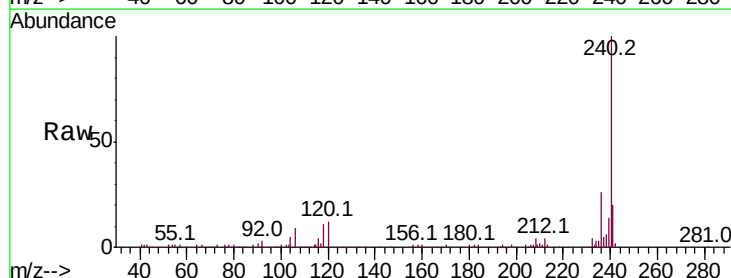
Tgt Ion:240 Resp: 199803

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

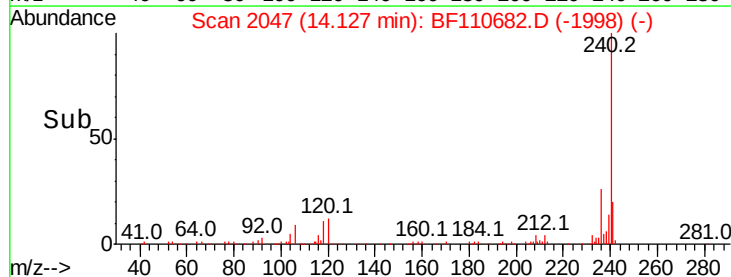
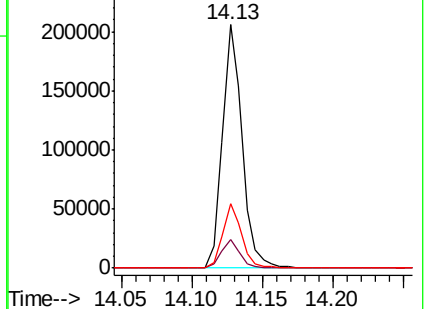
236 26.5 21.2 31.8

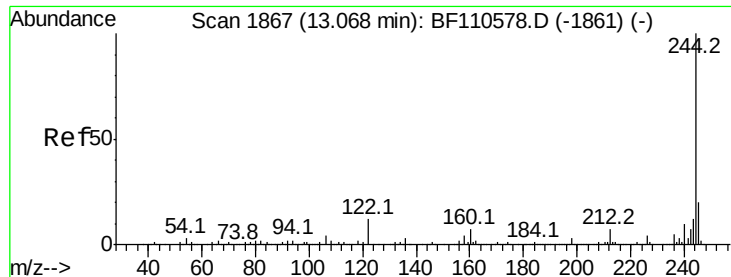


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

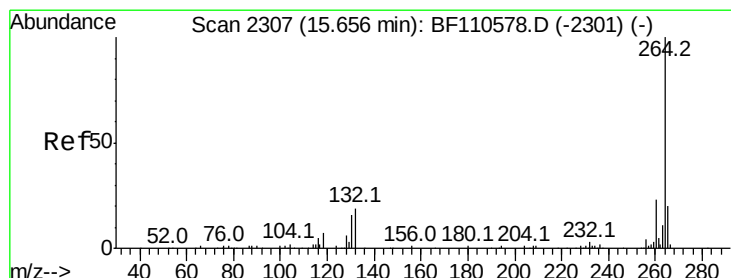
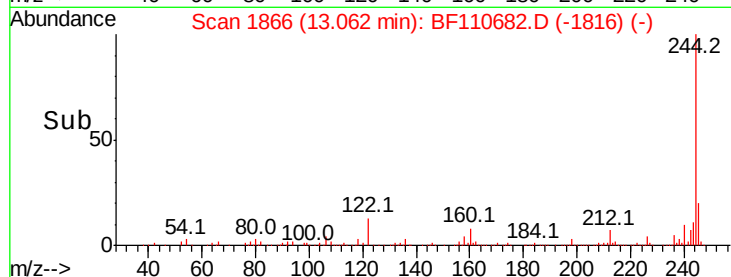
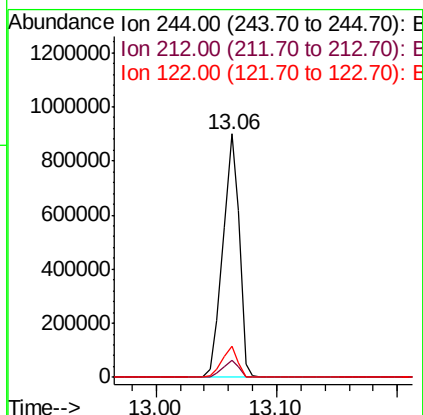
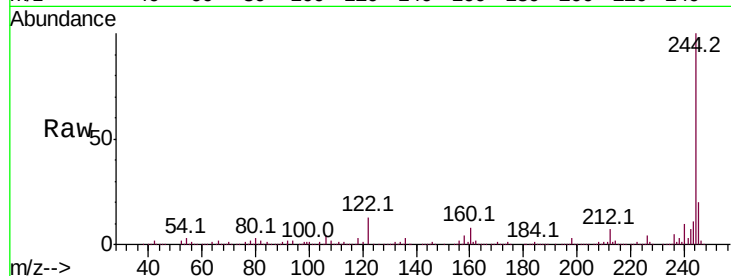




#79
 Terphenyl-d14
 Concen: 78.702 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110682.D
 Acq: 12 Nov 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.0	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: BF110682.D
 Acq: 12 Nov 2018 18:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	20.4	16.7	25.1

