

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110623.D
 Acq On : 9 Nov 2018 13:13
 Operator : JU/SJ
 Sample : J5762-03 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 15:45:43 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

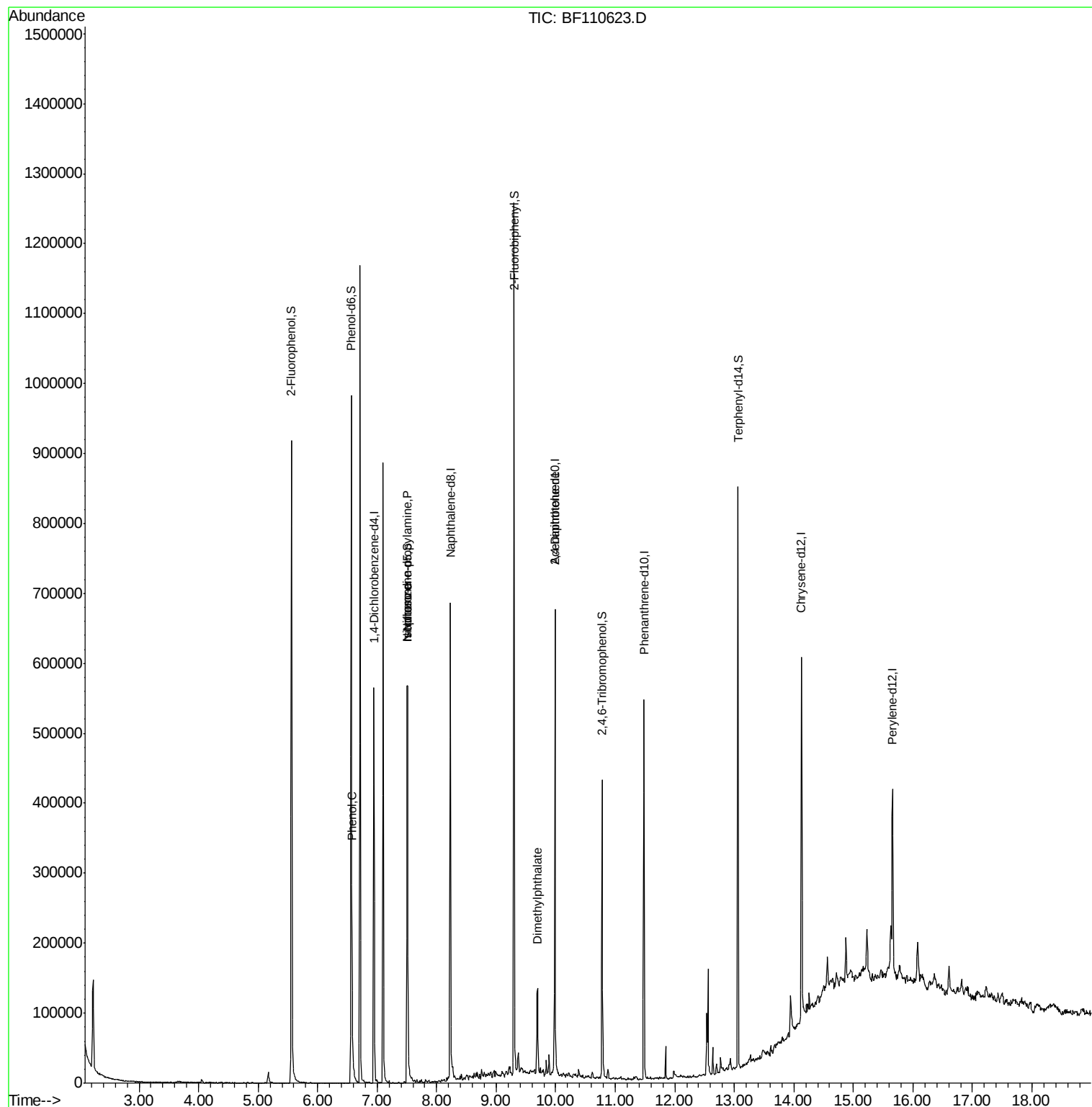
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84705	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	324792	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	123357	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	200290	20.00	ng	0.00
76) Chrysene-d12	14.13	240	182695	20.00	ng	0.00
87) Perylene-d12	15.66	264	125206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	274715	52.68	ng	0.00
7) Phenol-d6	6.56	99	357297	53.58	ng	-0.01
23) Nitrobenzene-d5	7.50	82	212396	37.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	50363	40.52	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	362783	42.00	ng	0.00
79) Terphenyl-d14	13.06	244	286333	29.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	462	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	22635	2.927 ng	#	68
19) n-Nitroso-di-n-propylamine	7.50	70	27510	6.463 ng	#	84
25) Isophorone	7.50	82	212394	22.977 ng	#	67
50) Dimethylphthalate	9.69	163	47459	5.156 ng		100
57) 2,4-Dinitrotoluene	9.99	165	15837	6.015 ng	#	18

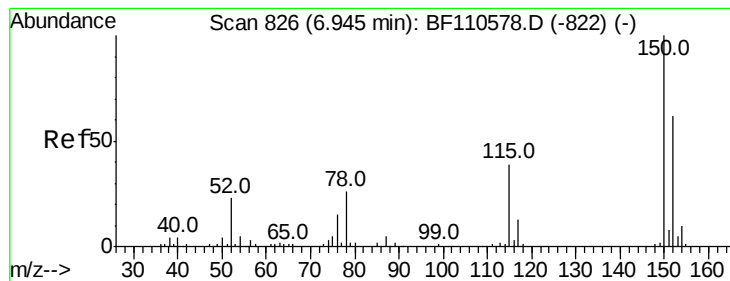
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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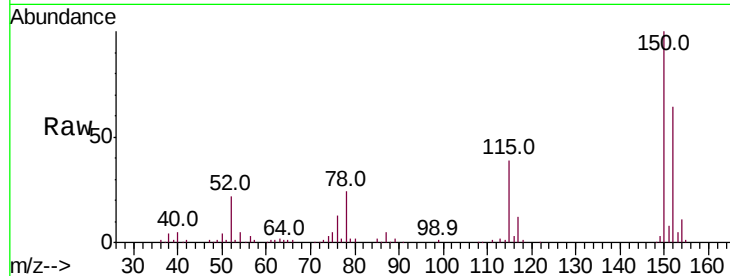


#1

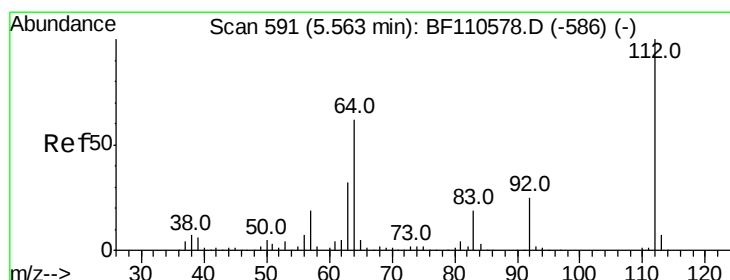
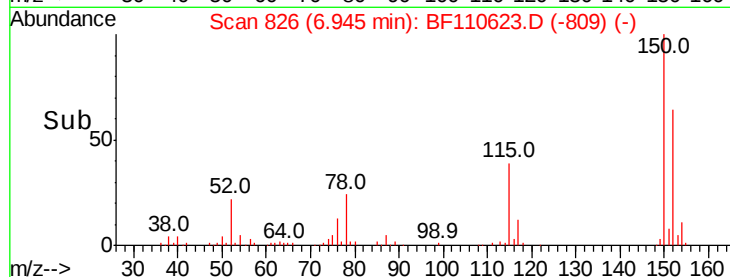
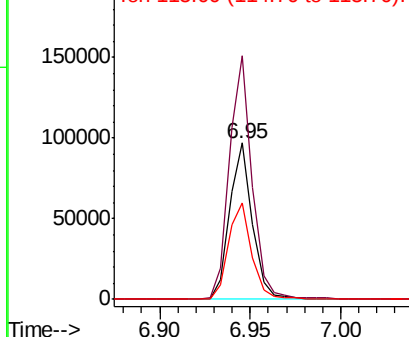
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110623.D
Acq: 9 Nov 2018 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84705
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 61.5 49.1 73.7



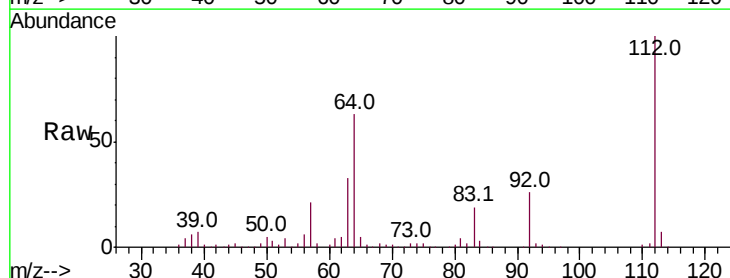
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



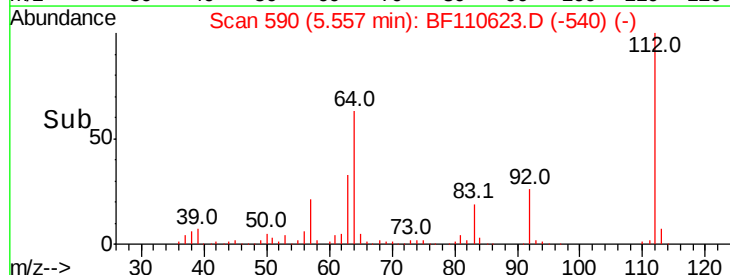
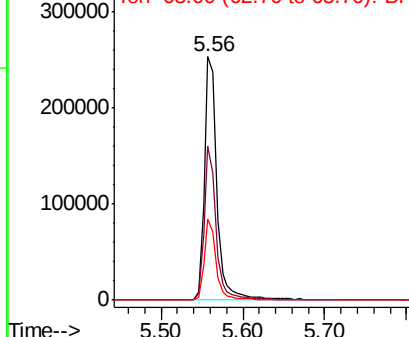
#5

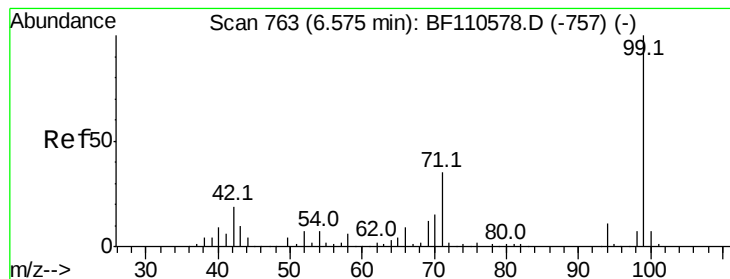
2-Fluorophenol
Concen: 52.680 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110623.D
Acq: 9 Nov 2018 13:13

Tgt Ion:112 Resp: 274715
Ion Ratio Lower Upper
112 100
64 63.4 44.1 66.1
63 33.3 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: 53.580 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110623.D

Acq: 9 Nov 2018 13:13

Instrument :

BNA_F

ClientSampleId :

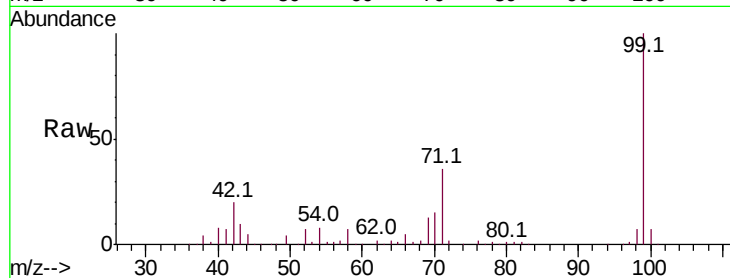
Tot Ion: 99 Resp: 357297

Ion Ratio Lower Upper

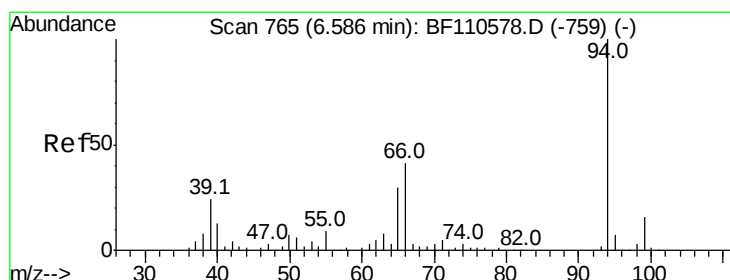
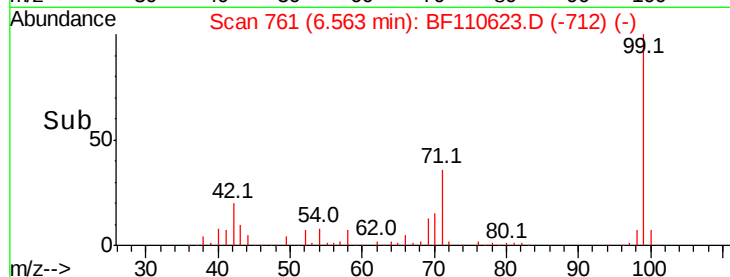
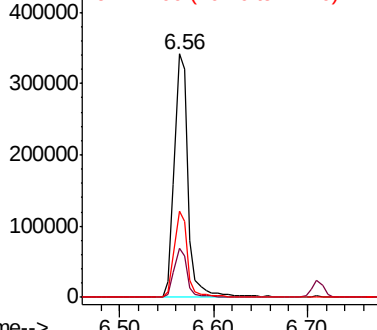
99 100

42 20.0 15.8 23.6

71 35.6 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



#10

Phenol

Concen: 2.927 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110623.D

Acq: 9 Nov 2018 13:13

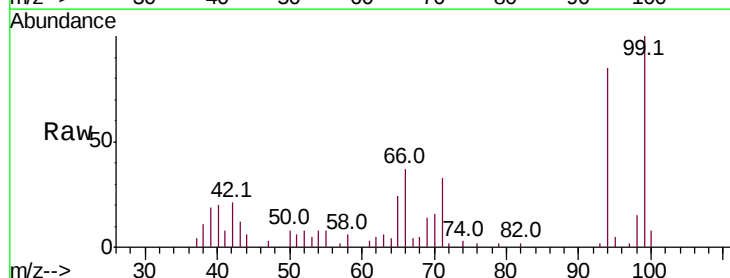
Tgt Ion: 94 Resp: 22635

Ion Ratio Lower Upper

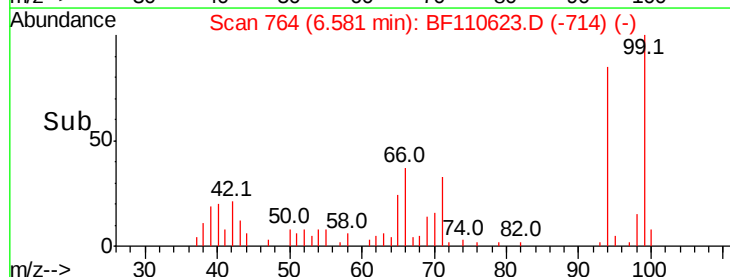
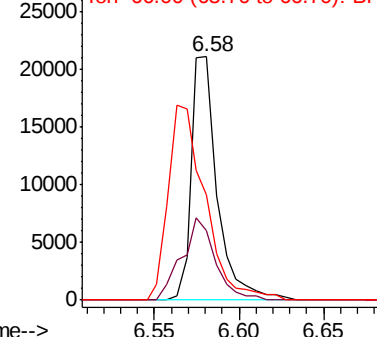
94 100

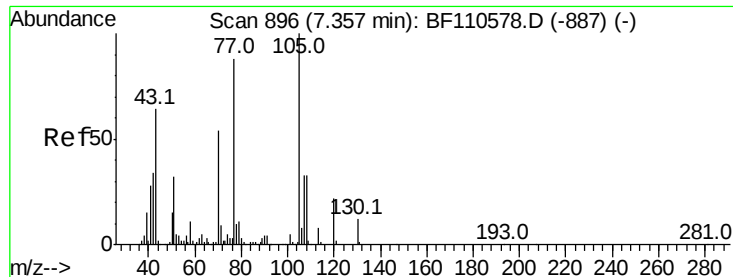
65 28.5 25.3 65.3

66 43.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

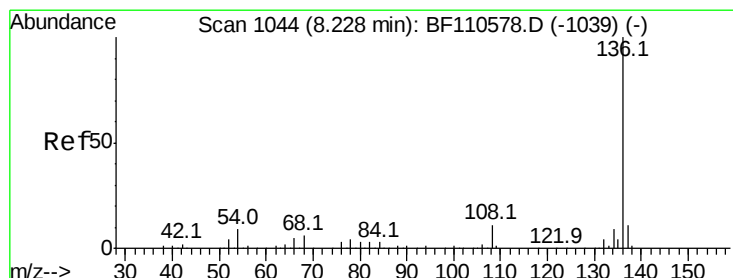
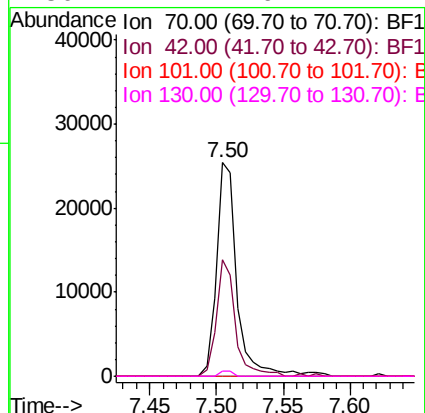
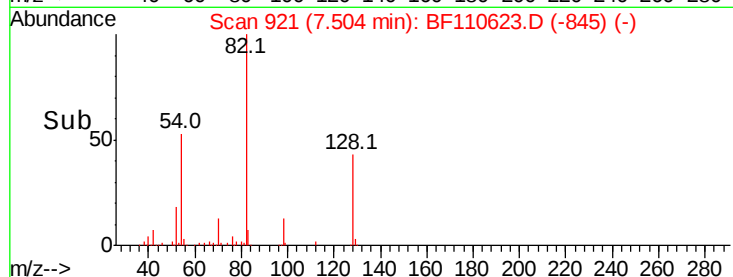
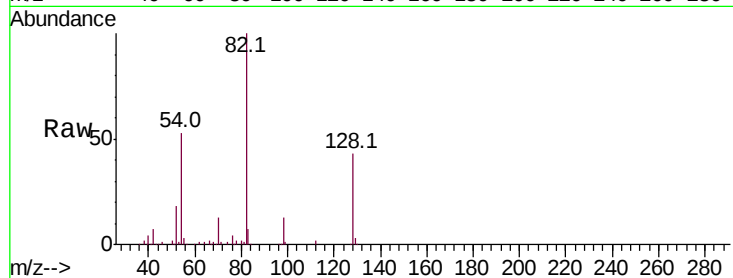




#19
n-Nitroso-di-n-propylamine
Concen: 6.463 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110623.D
Acq: 9 Nov 2018 13:13

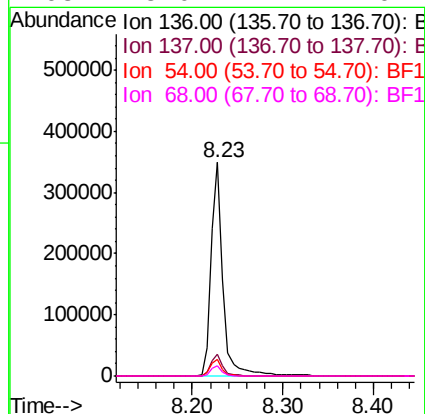
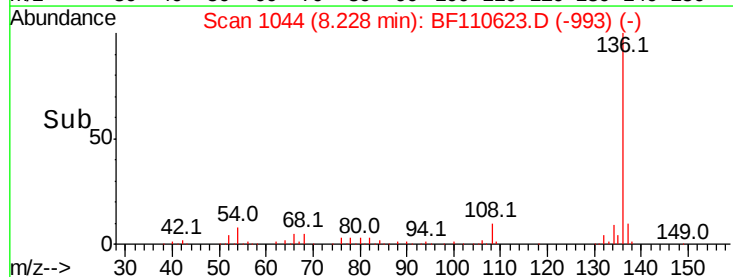
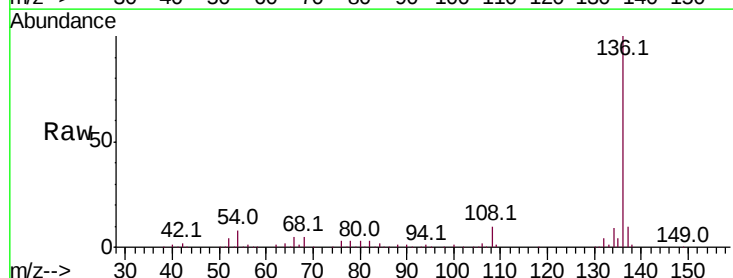
Instrument :
BNA_F
ClientSampleId :

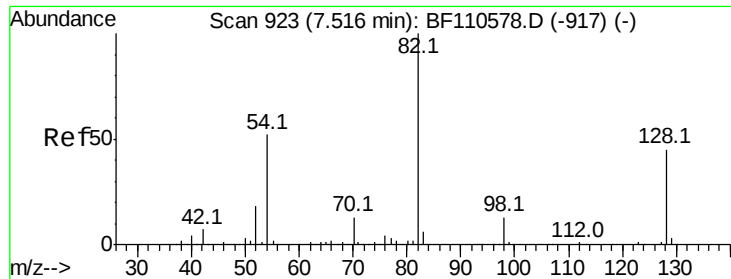
Tot Ion: 70 Resp: 27510
Ion Ratio Lower Upper
70 100
42 54.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110623.D
Acq: 9 Nov 2018 13:13

Tgt Ion: 136 Resp: 324792
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.5 5.4 8.2
68 5.0 4.2 6.2

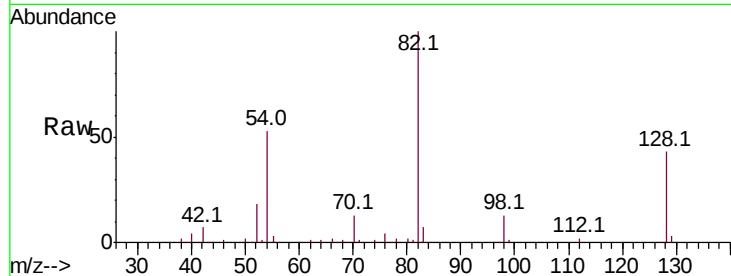




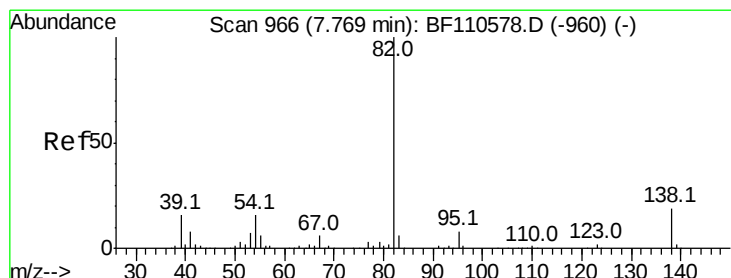
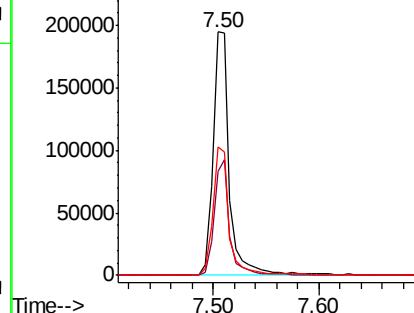
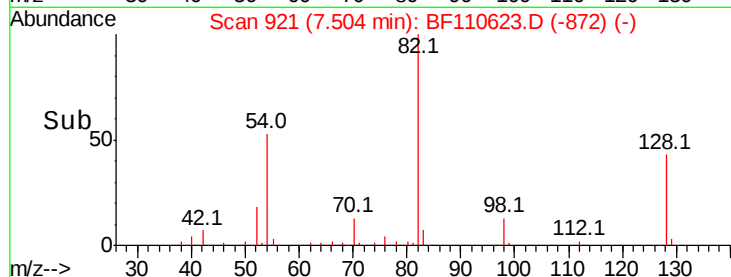
#23
 Nitrobenzene-d5
 Concen: 37.660 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110623.D
 Acq: 9 Nov 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	212396
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.2	51.2
54	52.5	38.6	58.0

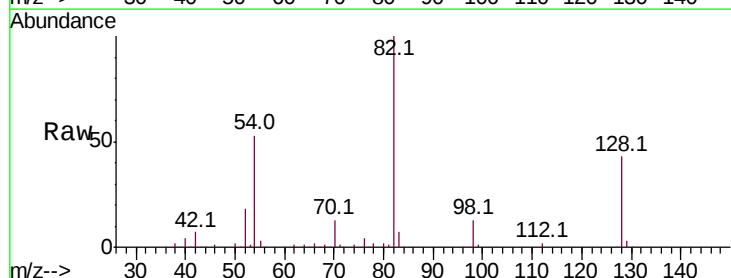


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

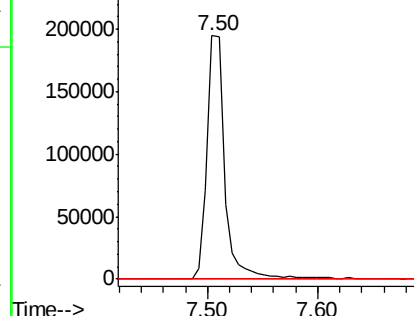
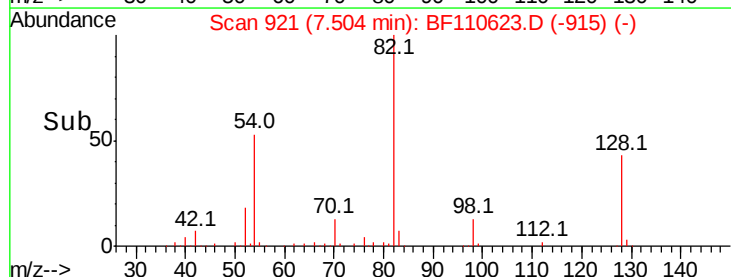


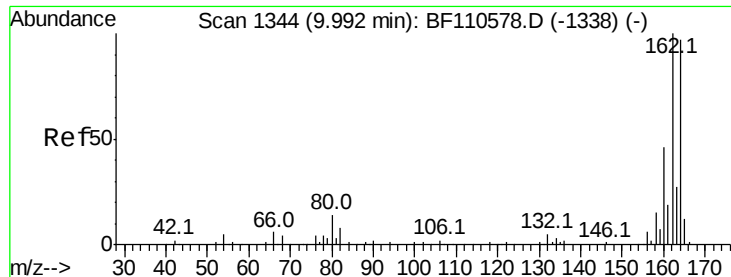
#25
 Isophorone
 Concen: 22.977 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110623.D
 Acq: 9 Nov 2018 13:13

Tgt Ion	82	Resp	212394
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

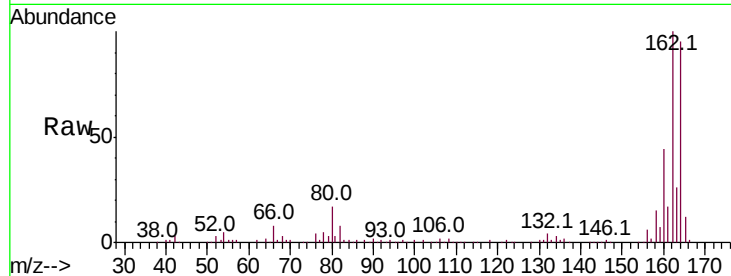




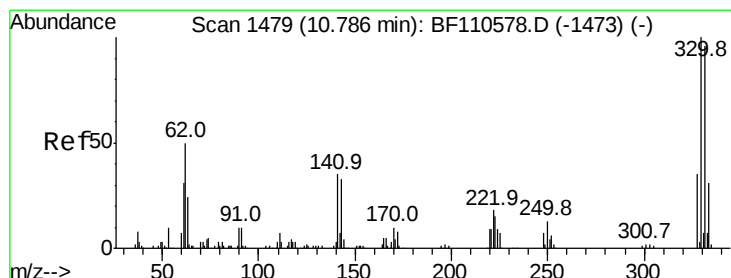
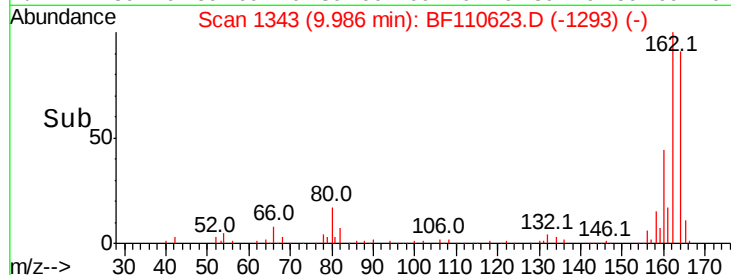
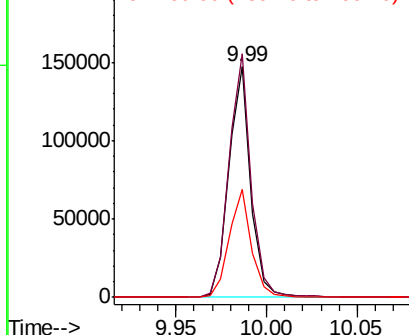
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110623.D
Acq: 9 Nov 2018 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.0	124.6
160	46.6	37.0	55.6

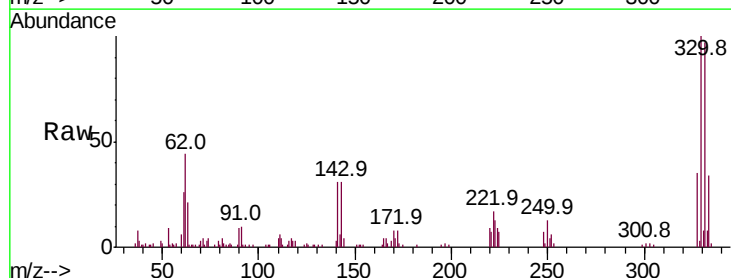


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

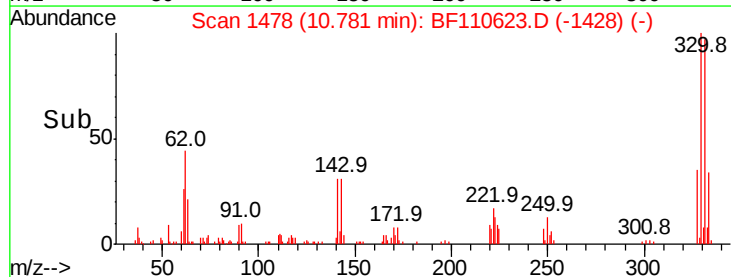
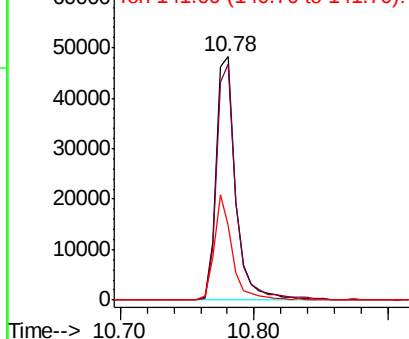


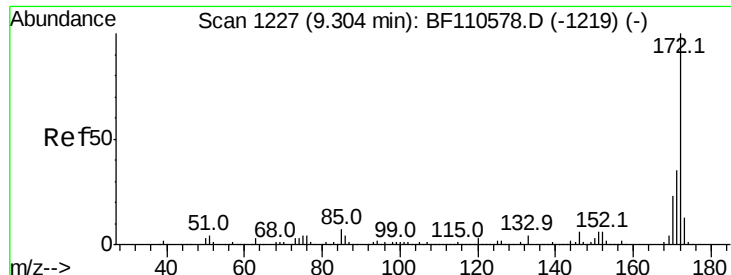
#42
2,4,6-Tribromophenol
Concen: 40.518 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110623.D
Acq: 9 Nov 2018 13:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	39.2	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

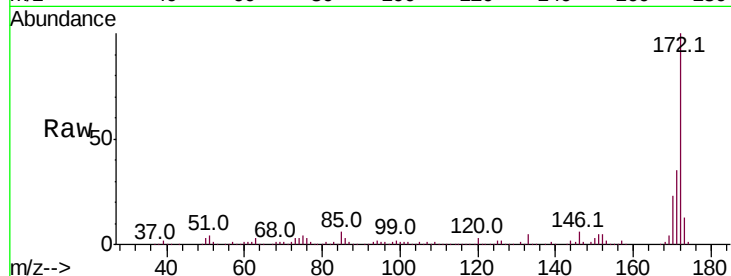




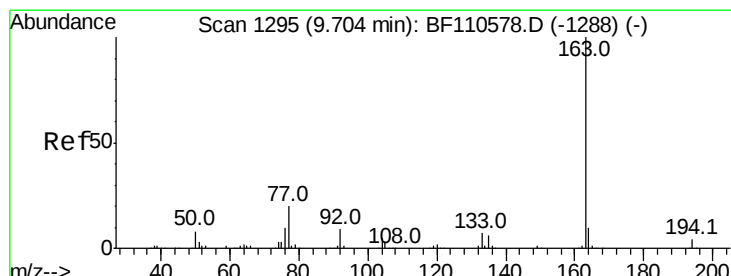
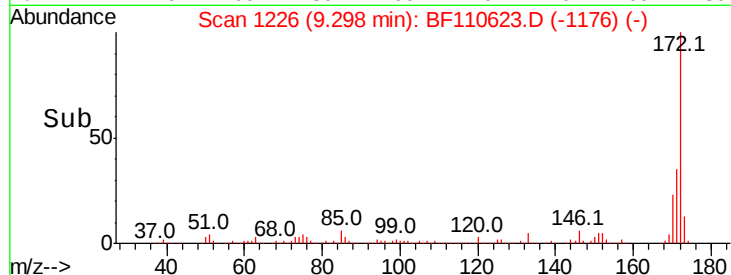
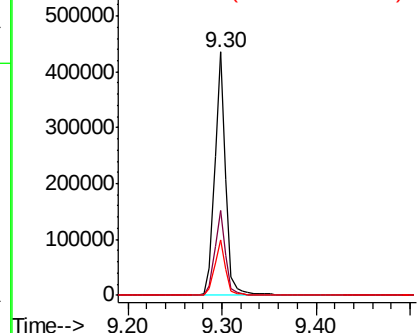
#45
2-Fluorobiphenyl
Concen: 42.002 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110623.D
Acq: 9 Nov 2018 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 362783
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 22.8 19.7 29.5

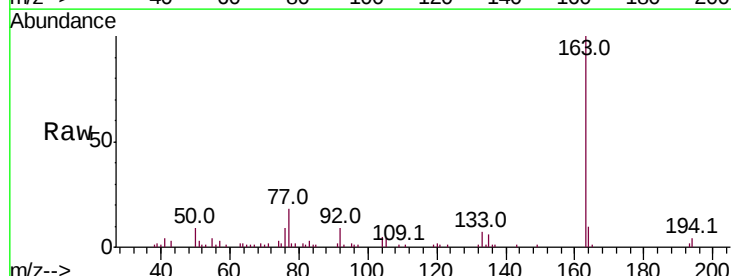


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

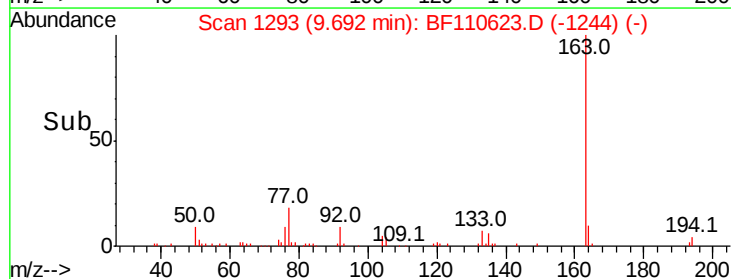
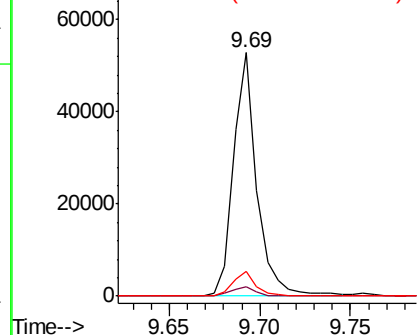


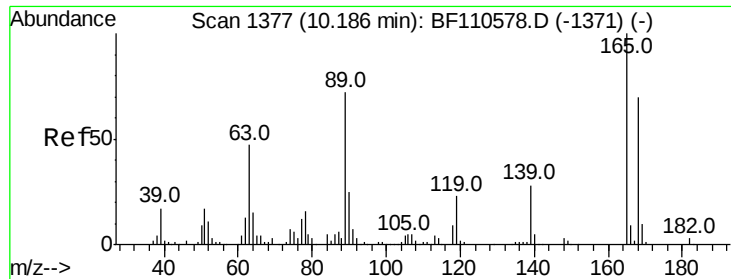
#50
Dimethylphthalate
Concen: 5.156 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110623.D
Acq: 9 Nov 2018 13:13

Tgt Ion:163 Resp: 47459
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.9 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

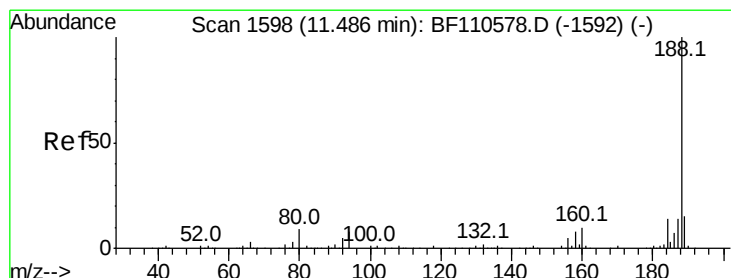
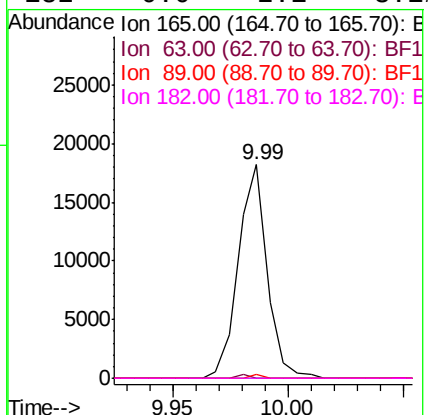
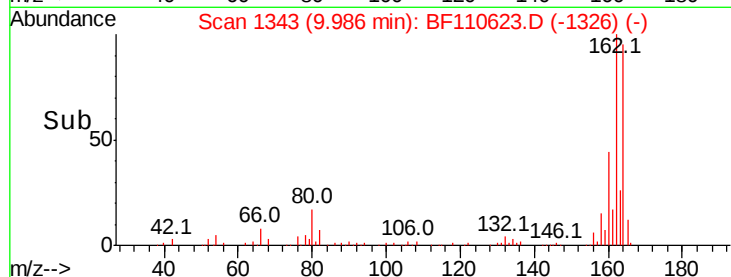
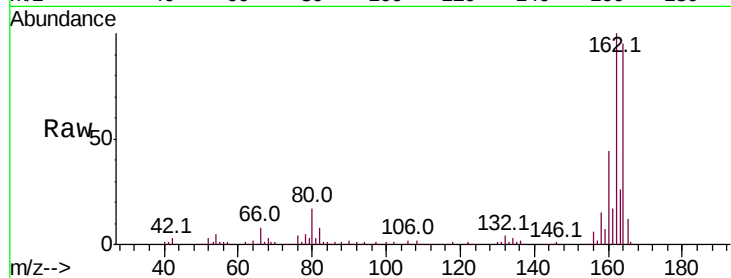




#57
 2,4-Dinitrotoluene
 Concen: 6.015 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110623.D
 Acq: 9 Nov 2018 13:13

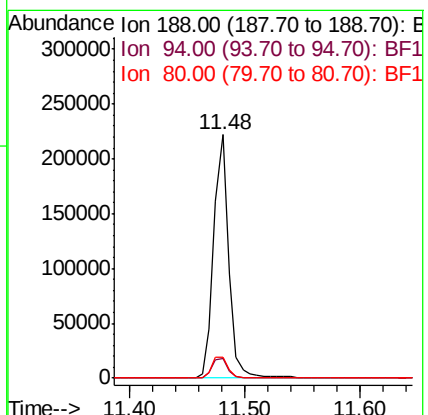
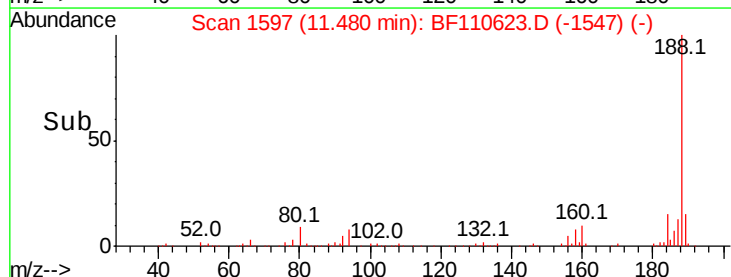
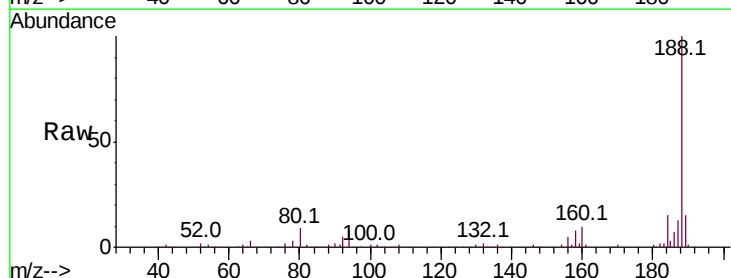
Instrument :
 BNA_F
 ClientSampled :

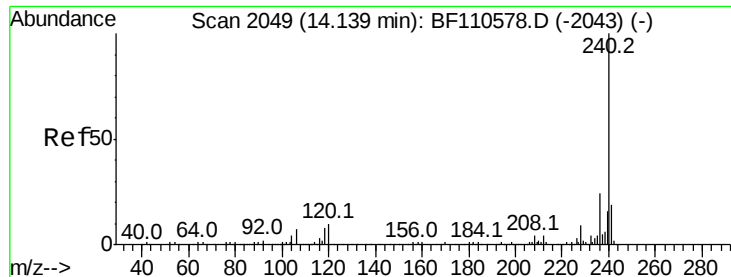
Tot Ion:165	Resp:	15837
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	1.9	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110623.D
 Acq: 9 Nov 2018 13:13

Tgt Ion:188	Resp:	200290
Ion Ratio	Lower	Upper
188	100	
94	8.0	7.2 10.8
80	8.8	7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110623.D

Acq: 9 Nov 2018 13:13

Instrument :

BNA_F

ClientSampleId :

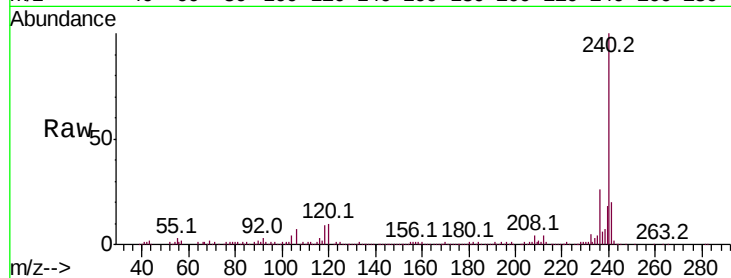
Tot Ion:240 Resp: 182695

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

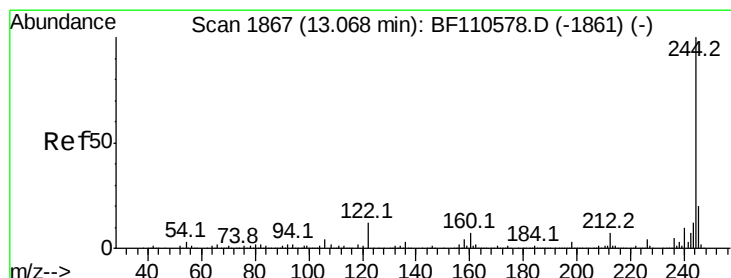
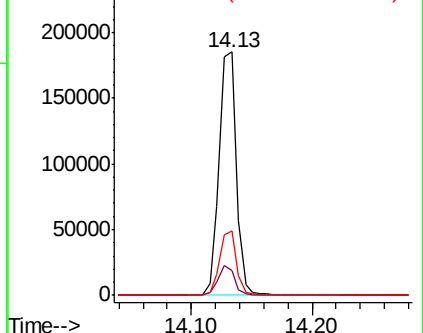
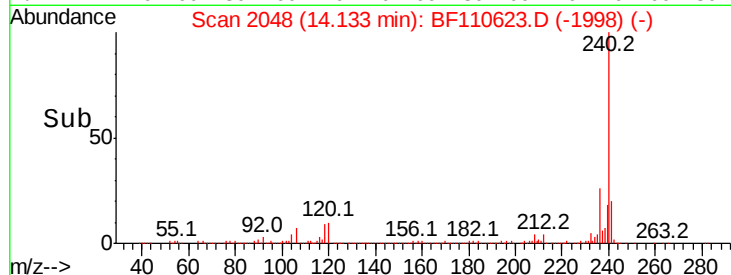
236 26.4 21.2 31.8



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: 29.351 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110623.D

Acq: 9 Nov 2018 13:13

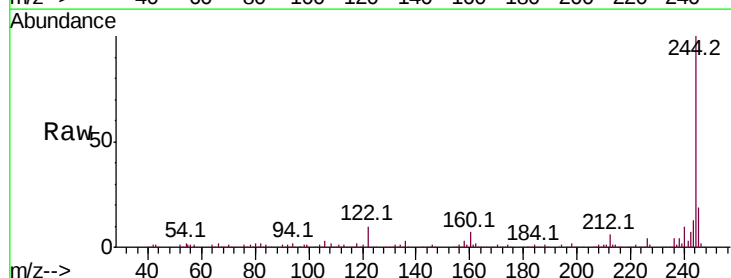
Tgt Ion:244 Resp: 286333

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

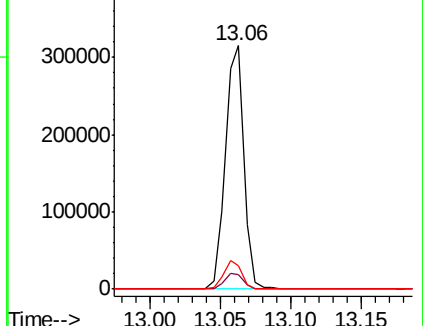
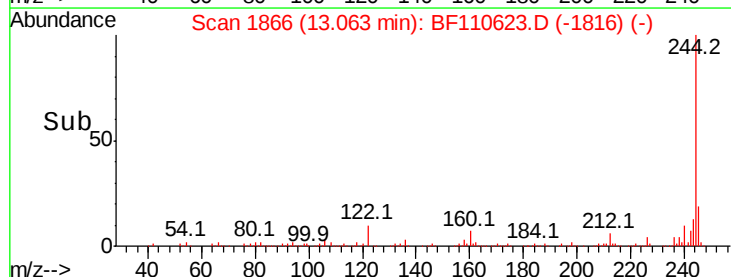
122 9.7 8.7 13.1

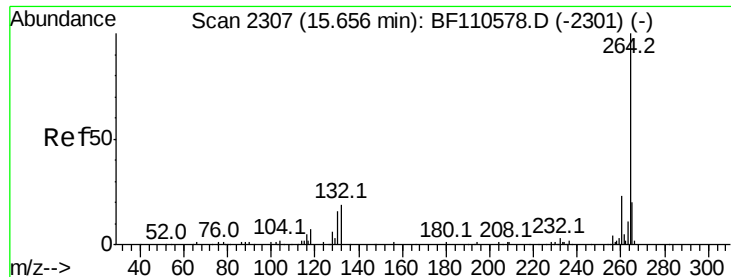


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF110623.D
Acq: 9 Nov 2018 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.3	16.7	25.1

