

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110621.D
 Acq On : 9 Nov 2018 12:19
 Operator : JU/SJ
 Sample : J5839-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 15:45:25 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	74306	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	292956	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	118820	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	180136	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157521	20.00	ng	-0.01
87) Perylene-d12	15.66	264	122104	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	256207	56.01	ng	0.00
7) Phenol-d6	6.57	99	385783	65.95	ng	0.00
23) Nitrobenzene-d5	7.51	82	242001	47.57	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	36124	30.17	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	442971	53.24	ng	0.00
79) Terphenyl-d14	13.06	244	319745	38.01	ng	0.00

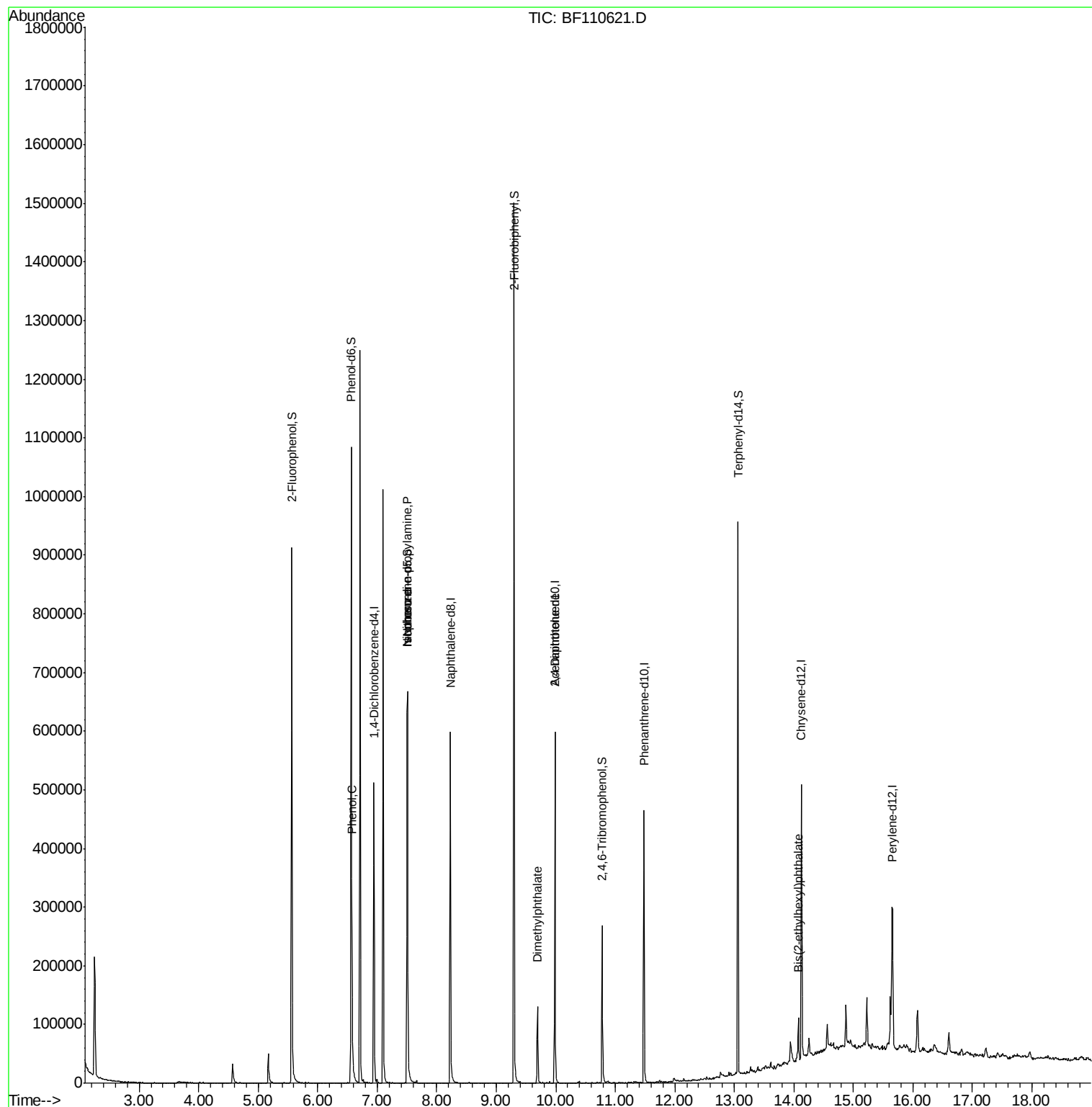
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	906	Below Cal		# 1
10) Phenol	6.58	94	25052	3.693	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	30179	8.082	ng	# 80
25) Isophorone	7.51	82	242000	29.025	ng	# 67
50) Dimethylphthalate	9.69	163	56790	6.405	ng	99
57) 2,4-Dinitrotoluene	9.99	165	14752	5.817	ng	# 17
84) Bis(2-ethylhexyl)phthalate	14.07	149	25981	4.012	ng	97

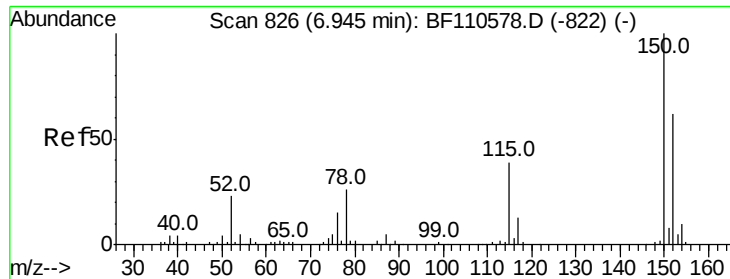
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110621.D
Acq On : 9 Nov 2018 12:19
Operator : JU/SJ
Sample : J5839-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 09 15:45:25 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



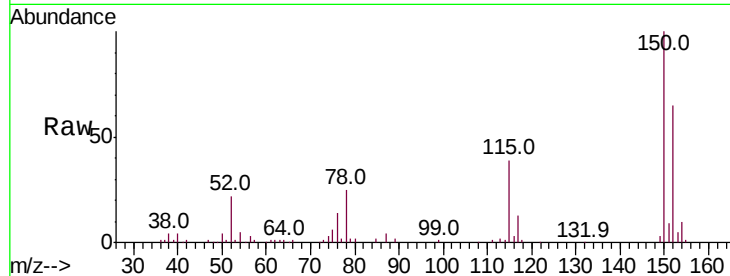


#1

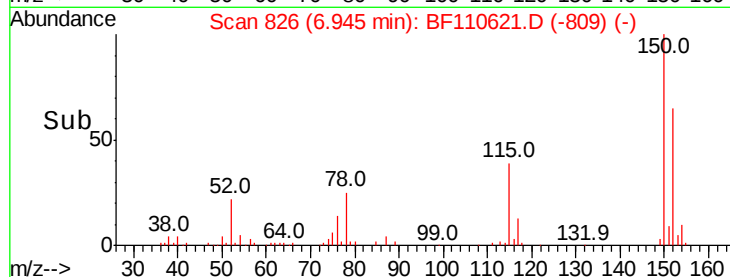
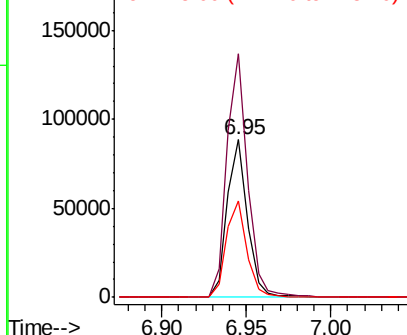
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110621.D
Acq: 9 Nov 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74306
Ion Ratio Lower Upper
152 100
150 154.8 122.7 184.1
115 60.9 49.1 73.7



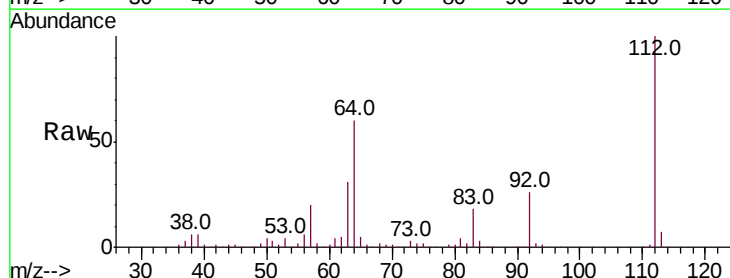
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



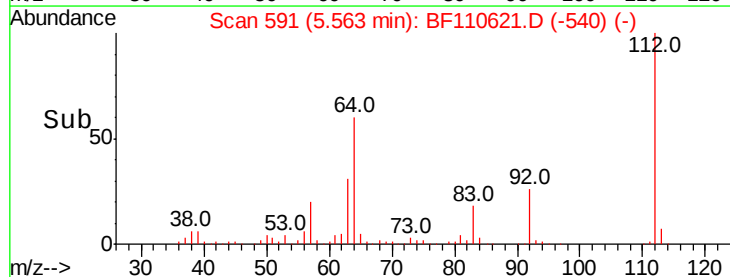
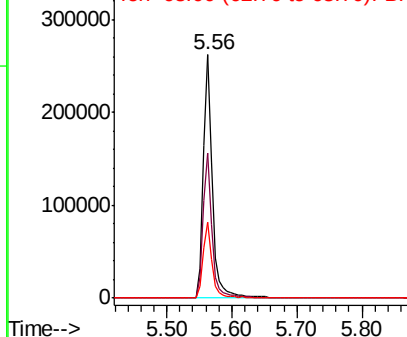
#5

2-Fluorophenol
Concen: 56.006 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110621.D
Acq: 9 Nov 2018 12:19

Tgt Ion:112 Resp: 256207
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 31.2 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: 65.948 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110621.D

Acq: 9 Nov 2018 12:19

Instrument :

BNA_F

ClientSampled :

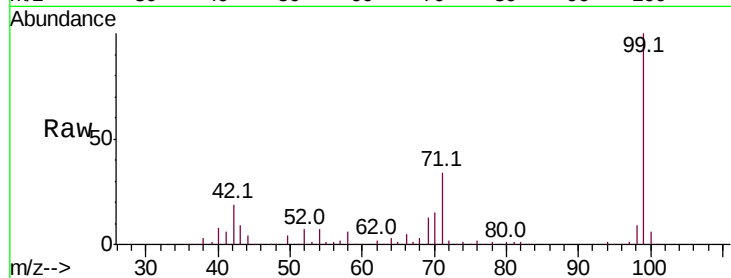
Tot Ion: 99 Resp: 385783

Ion Ratio Lower Upper

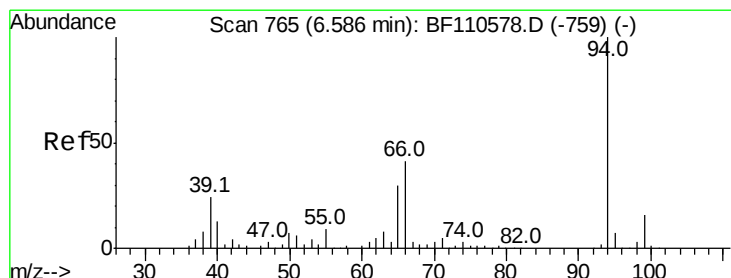
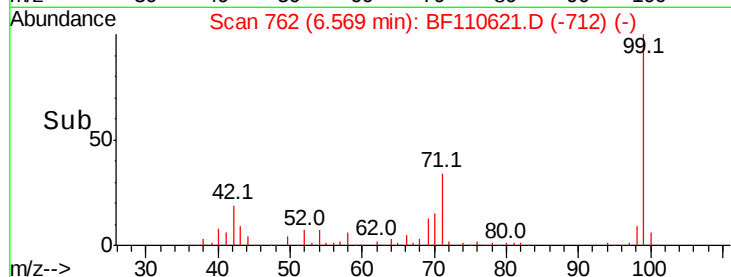
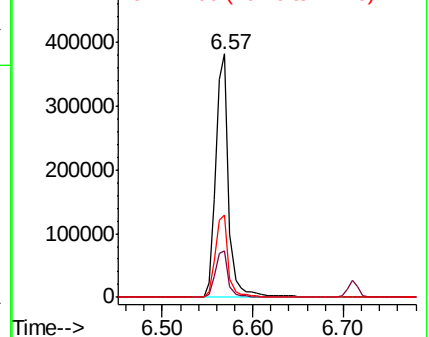
99 100

42 18.9 15.8 23.6

71 34.1 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: 3.693 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110621.D

Acq: 9 Nov 2018 12:19

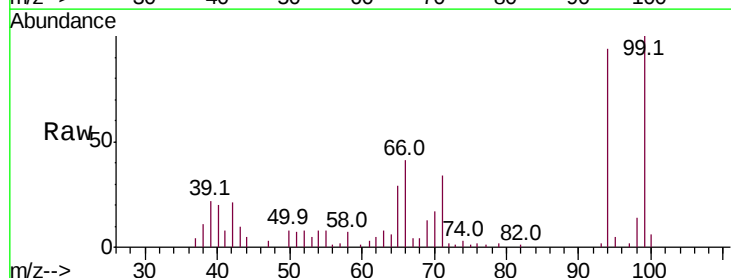
Tgt Ion: 94 Resp: 25052

Ion Ratio Lower Upper

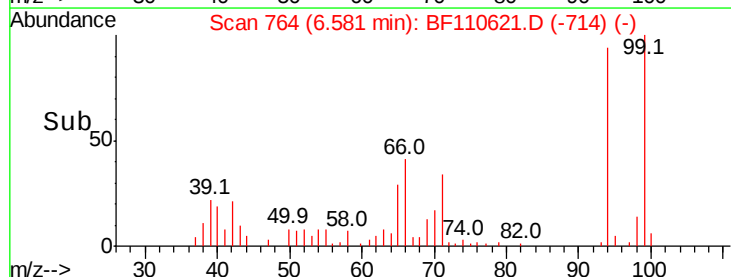
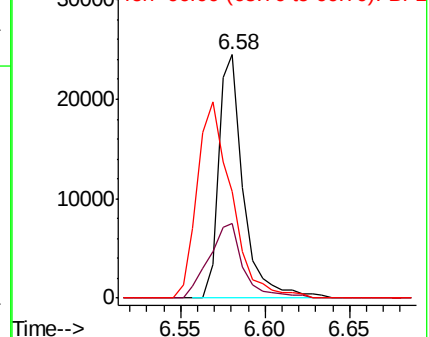
94 100

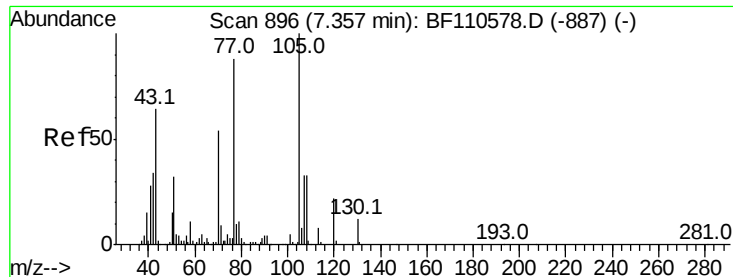
65 30.5 25.3 65.3

66 44.1 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: 8.082 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

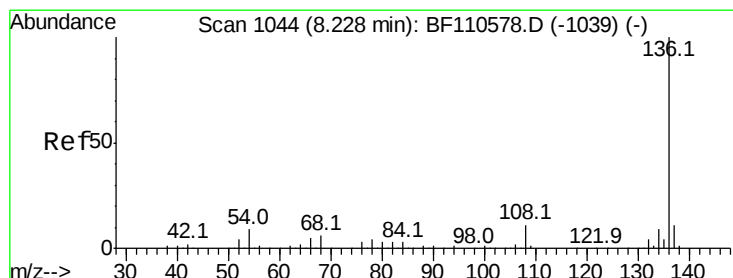
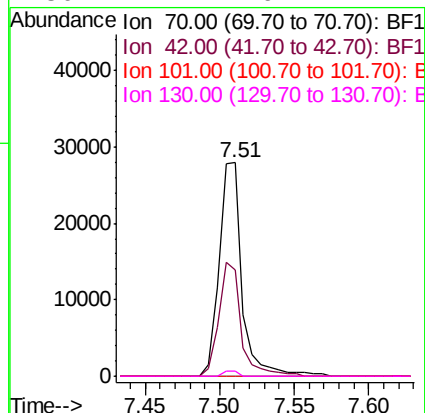
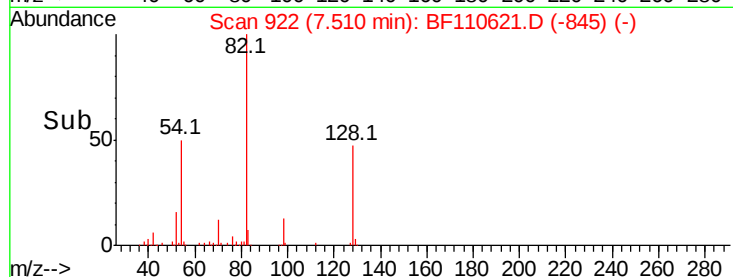
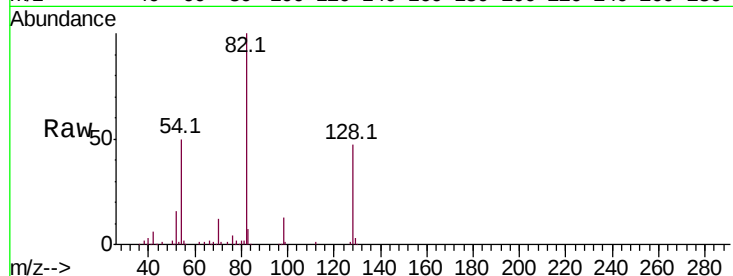
Lab File: BF110621.D

Acq: 9 Nov 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 30179

Ion	Ratio	Lower	Upper
70	100		
42	49.9	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

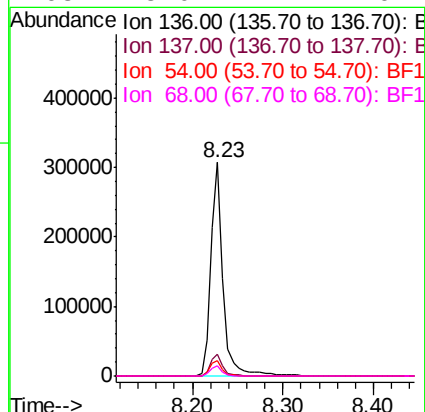
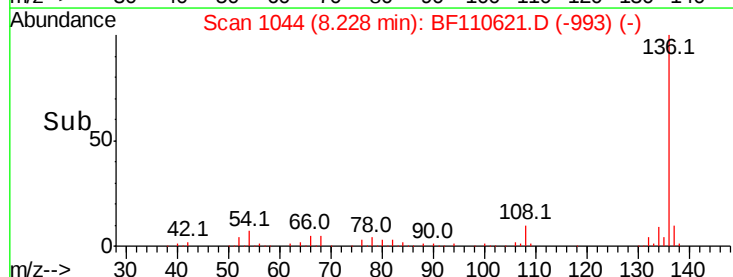
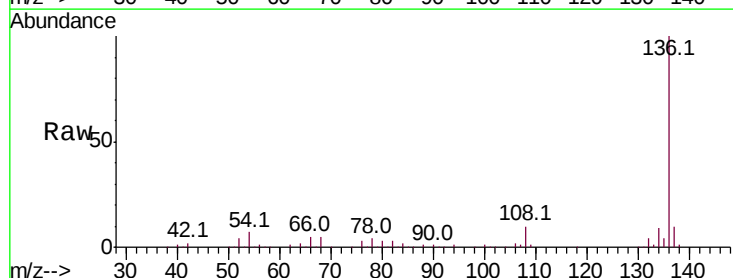
Delta R.T. 0.00 min

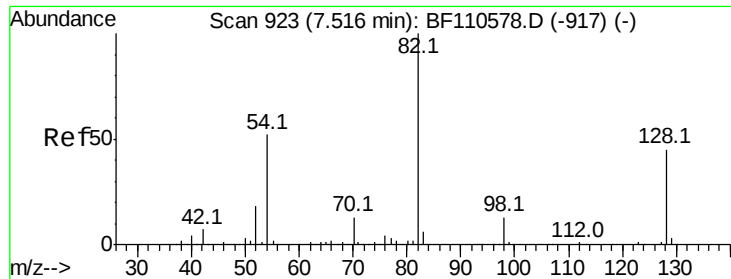
Lab File: BF110621.D

Acq: 9 Nov 2018 12:19

Tgt Ion: 136 Resp: 292956

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.2	5.4	8.2
68	5.0	4.2	6.2

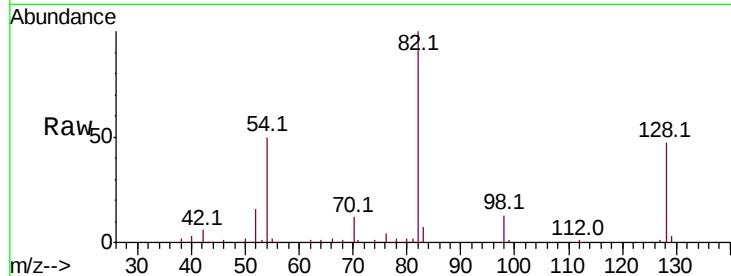




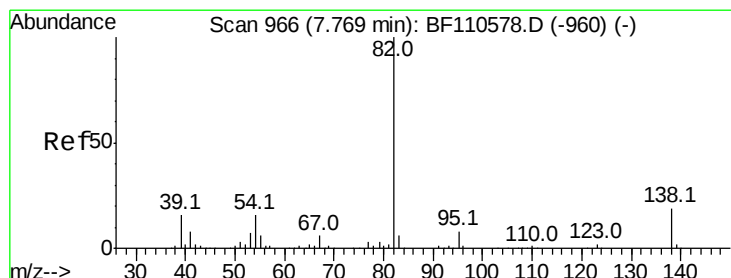
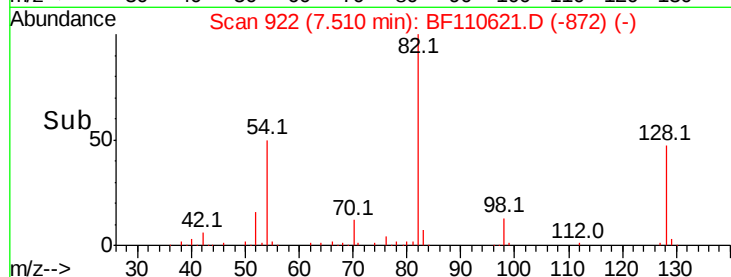
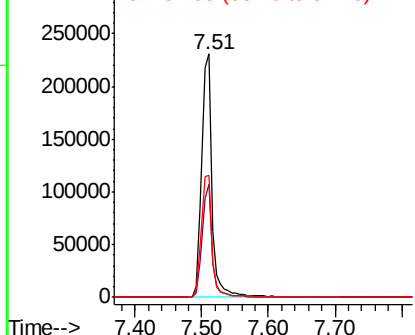
#23
Nitrobenzene-d5
Concen: 47.573 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110621.D
Acq: 9 Nov 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	50.4	38.6	58.0

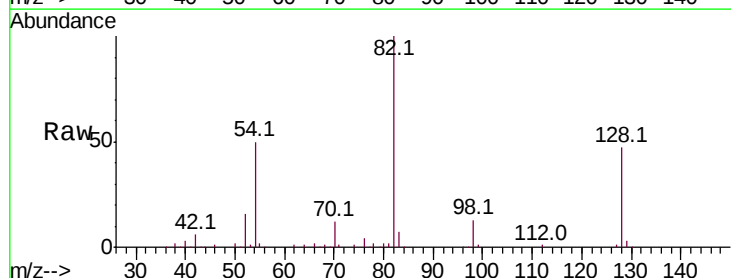


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

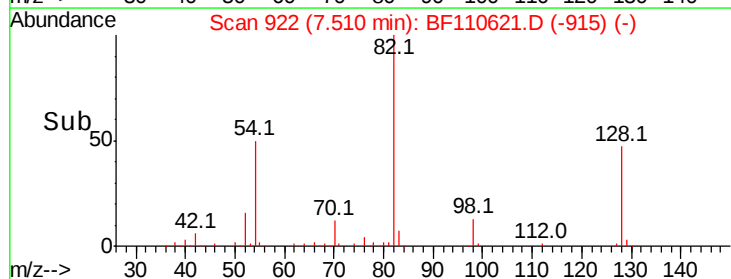
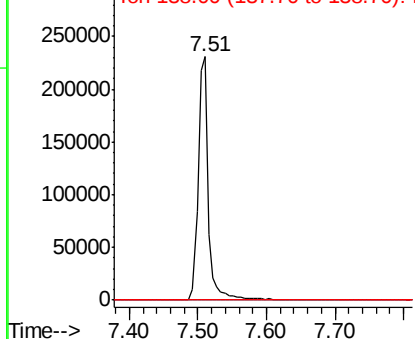


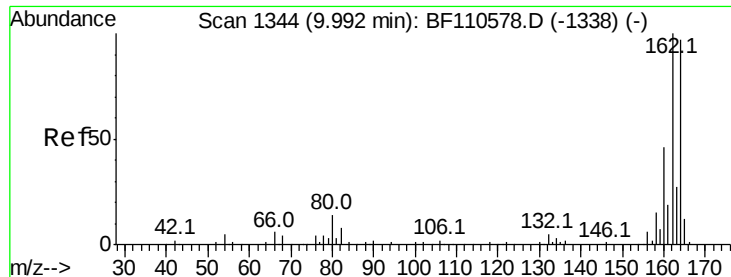
#25
Isophorone
Concen: 29.025 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110621.D
Acq: 9 Nov 2018 12:19

Tgt 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

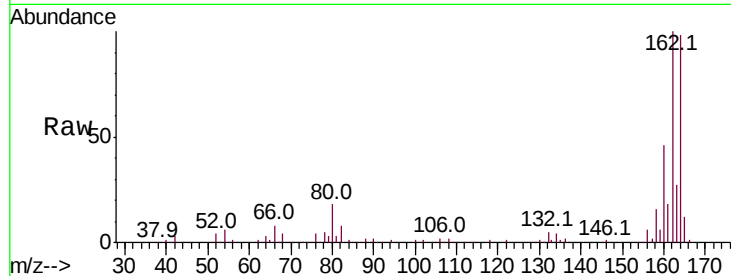




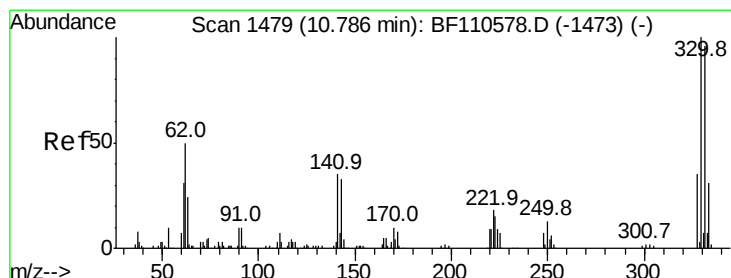
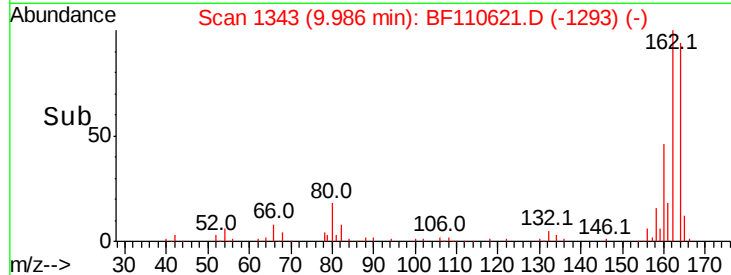
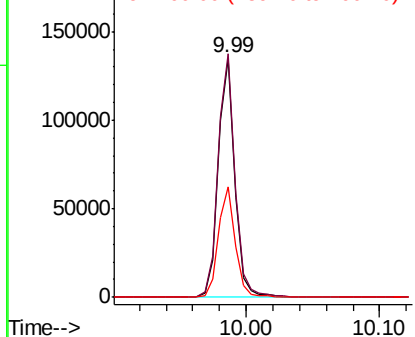
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110621.D
Acq: 9 Nov 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 118820
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.6
160 46.4 37.0 55.6

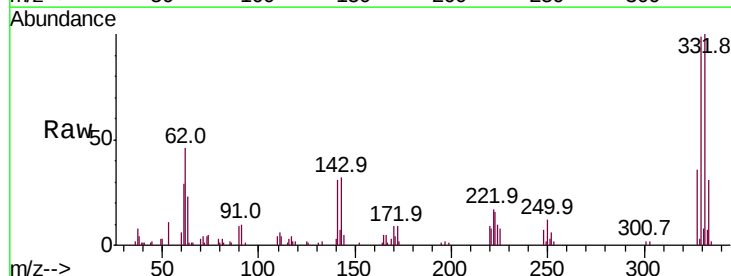


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

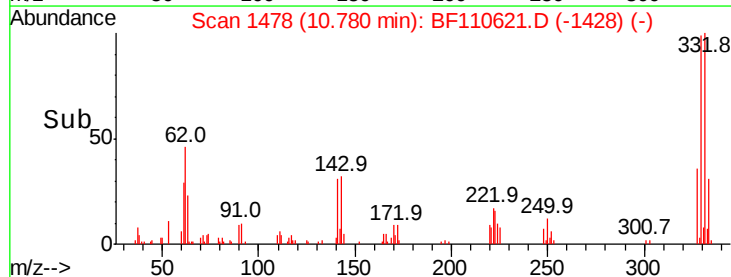
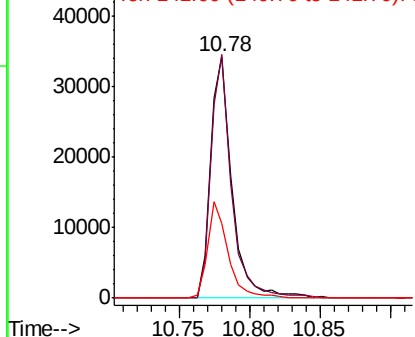


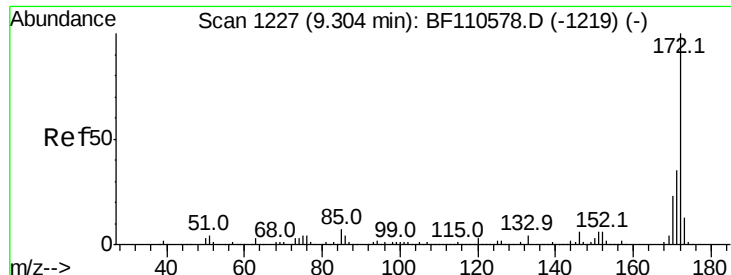
#42
2,4,6-Tribromophenol
Concen: 30.172 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110621.D
Acq: 9 Nov 2018 12:19

Tgt Ion:330 Resp: 36124
Ion Ratio Lower Upper
330 100
332 96.7 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

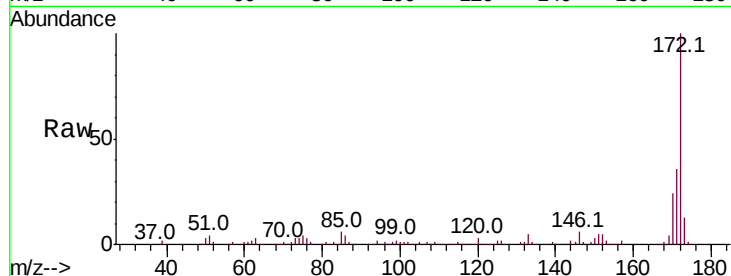




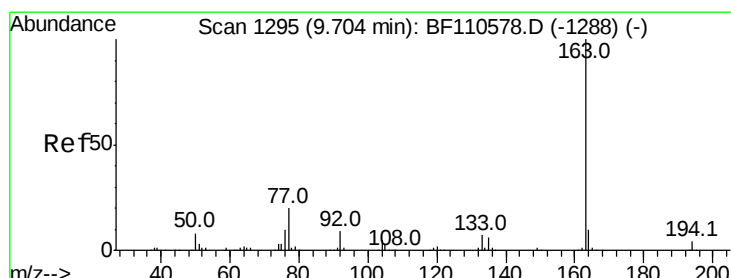
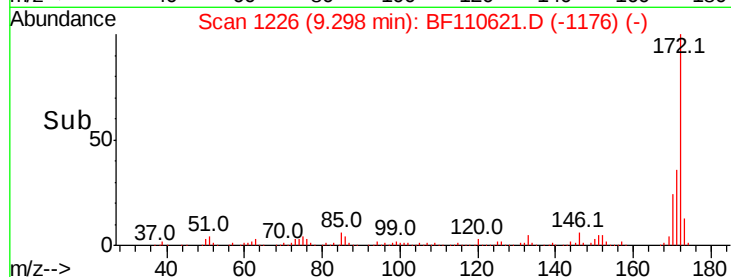
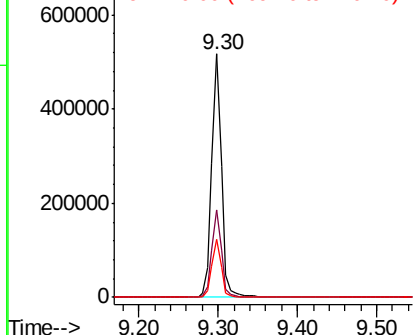
#45
2-Fluorobiphenyl
Concen: 53.244 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110621.D
Acq: 9 Nov 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 442971
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 19.7 29.5

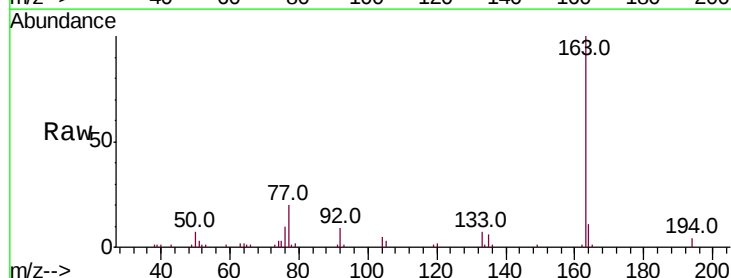


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

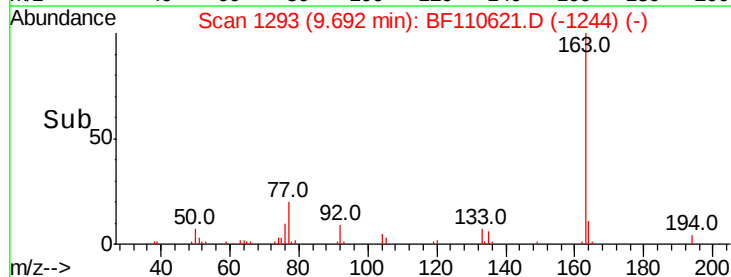
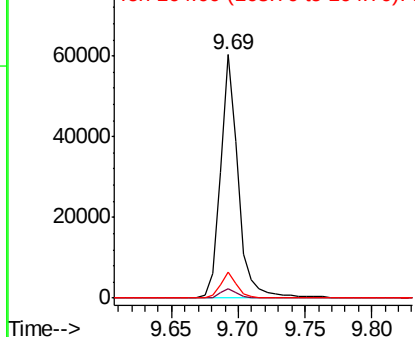


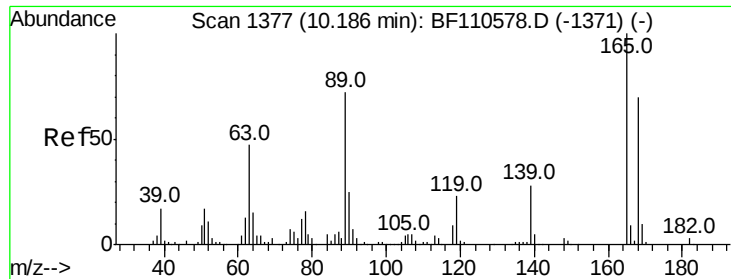
#50
Dimethylphthalate
Concen: 6.405 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110621.D
Acq: 9 Nov 2018 12:19

Tgt Ion:163 Resp: 56790
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 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

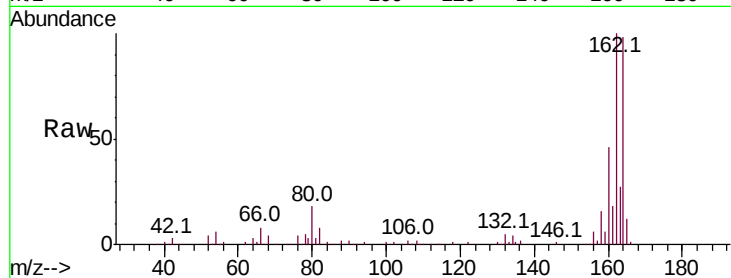




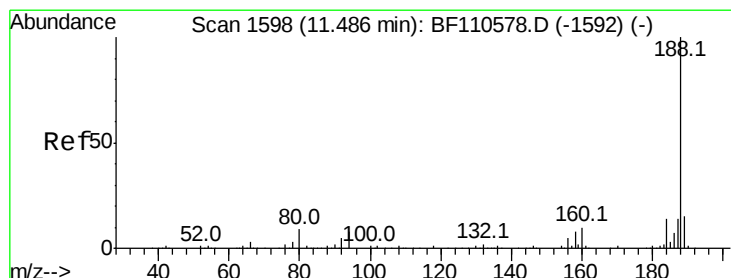
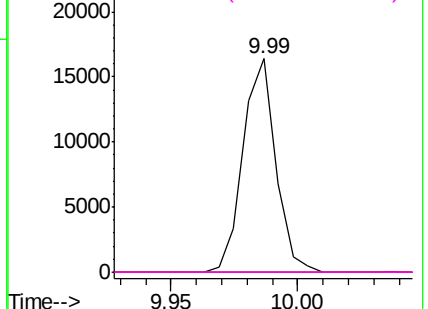
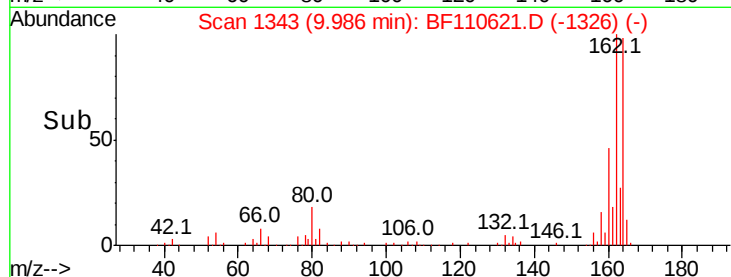
#57
 2,4-Dinitrotoluene
 Concen: 5.817 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110621.D
 Acq: 9 Nov 2018 12:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165	Resp:	14752
Ion	Ratio	Lower Upper
165	100	
63	0.0	44.8 67.2#
89	0.0	62.2 93.4#
182	0.0	2.1 3.1#

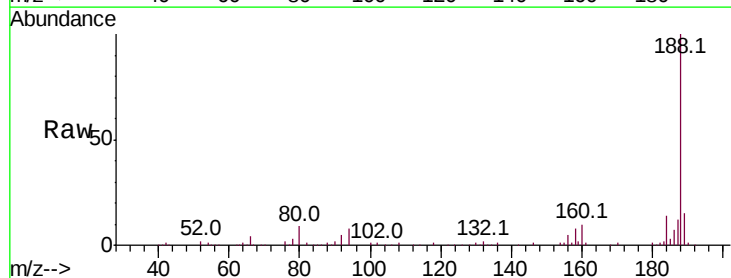


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

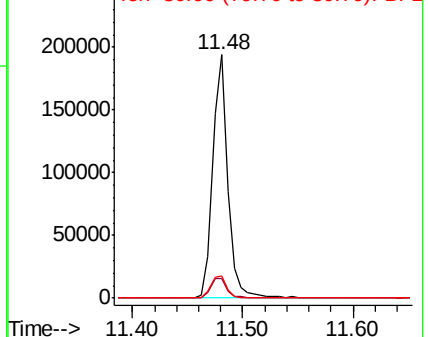
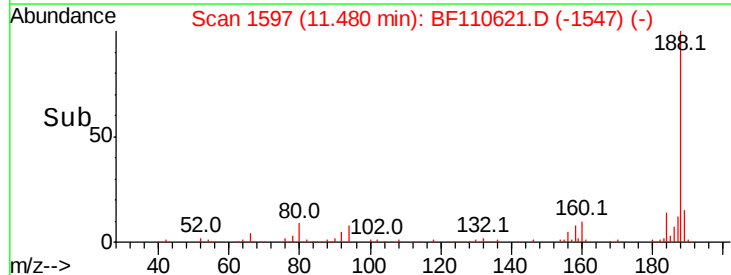


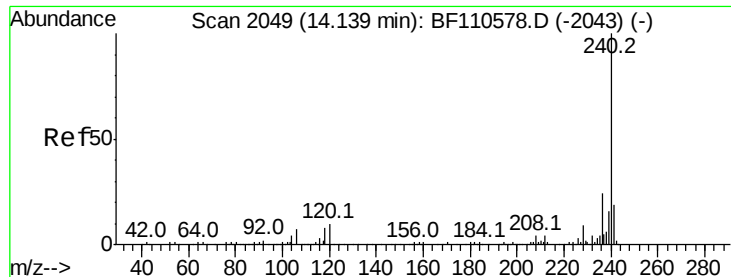
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110621.D
 Acq: 9 Nov 2018 12:19

Tgt Ion:188	Resp:	180136
Ion	Ratio	Lower Upper
188	100	
94	8.0	7.2 10.8
80	8.9	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: BF110621.D

Acq: 9 Nov 2018 12:19

Instrument :

BNA_F

ClientSampleId :

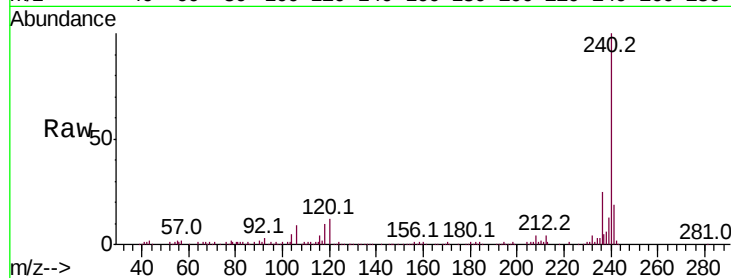
Tot Ion:240 Resp: 157521

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

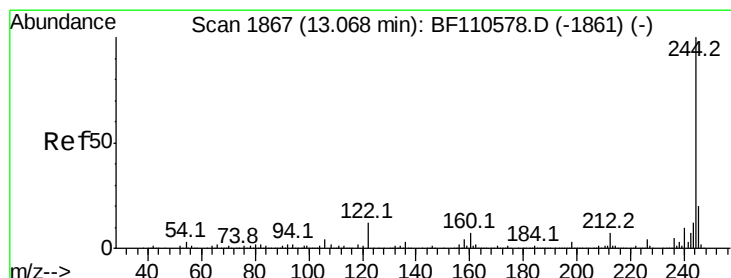
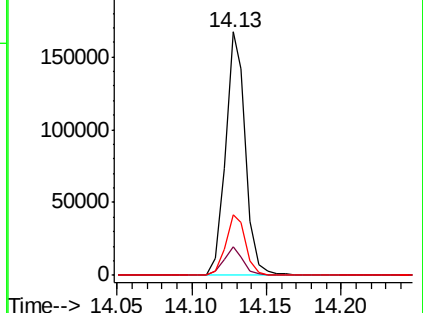
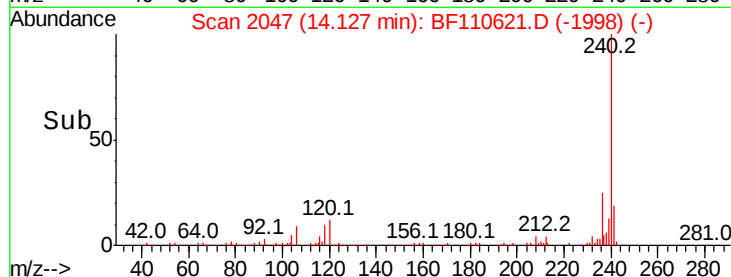
236 25.0 21.2 31.8



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: 38.014 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110621.D

Acq: 9 Nov 2018 12:19

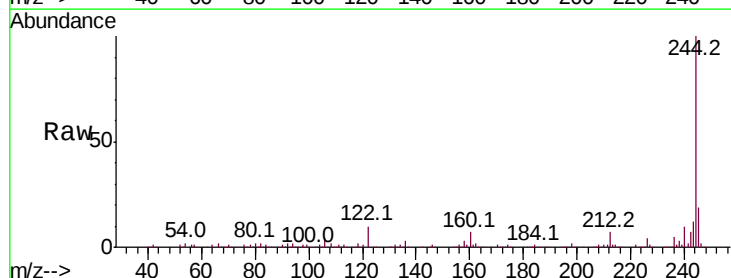
Tgt Ion:244 Resp: 319745

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

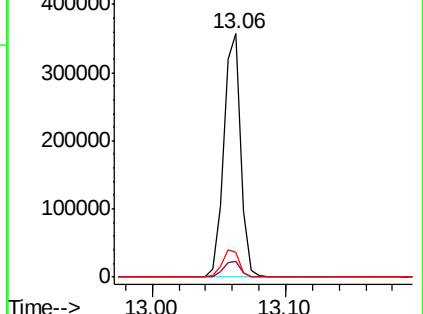
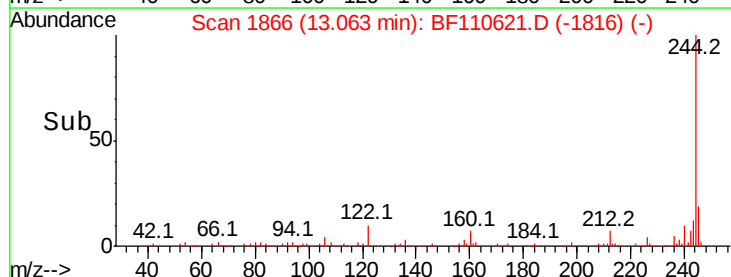
122 10.1 8.7 13.1

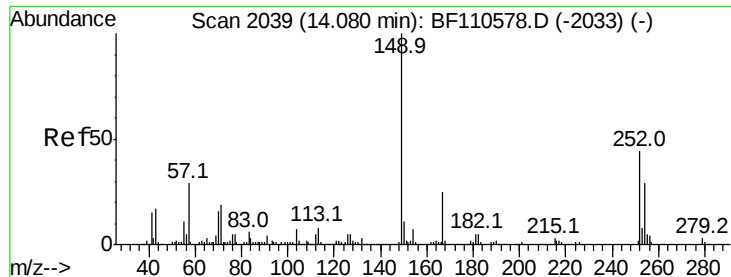


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.012 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110621.D

Acq: 9 Nov 2018 12:19

Instrument :

BNA_F

ClientSampleId :

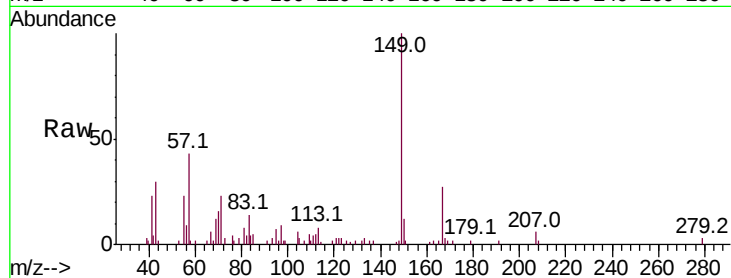
Tot Ion:149 Resp: 25981

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

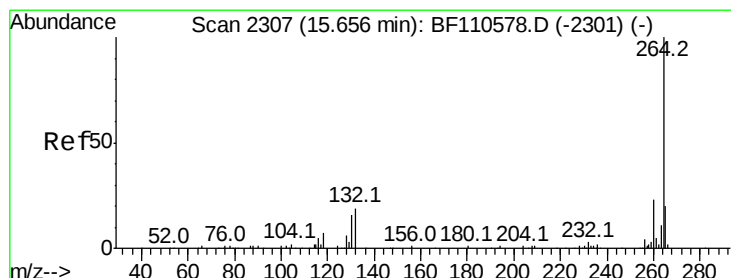
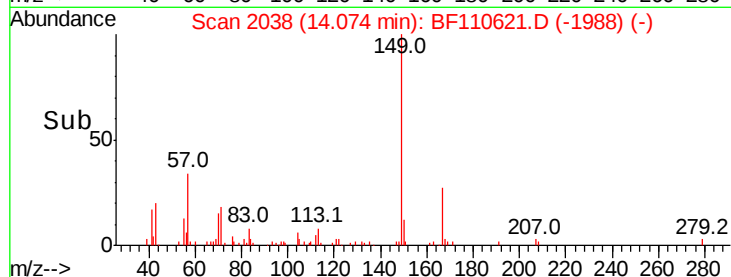
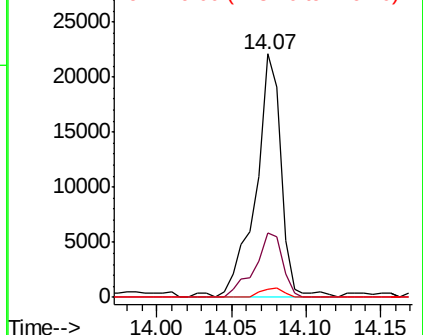
279 3.4 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110621.D

Acq: 9 Nov 2018 12:19

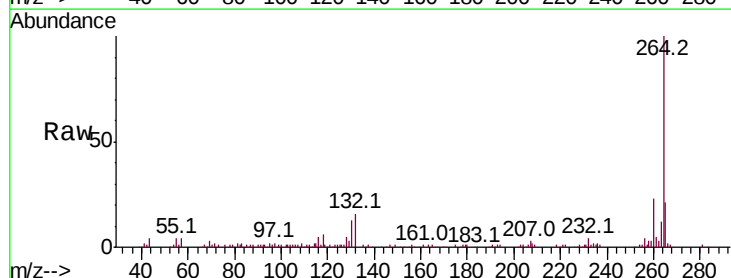
Tgt Ion:264 Resp: 122104

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.9 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

