

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110646.D
 Acq On : 9 Nov 2018 23:52
 Operator : JU/SJ
 Sample : J5884-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:25:28 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	80630	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	324449	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	141312	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	213332	20.00	ng	0.00
76) Chrysene-d12	14.13	240	145850	20.00	ng	-0.01
87) Perylene-d12	15.66	264	115253	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	693552	139.72	ng	0.01
7) Phenol-d6	6.57	99	898510	141.55	ng	0.00
23) Nitrobenzene-d5	7.51	82	558926	99.21	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	170723	119.90	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	868595	87.79	ng	0.00
79) Terphenyl-d14	13.06	244	564746	72.52	ng	0.00

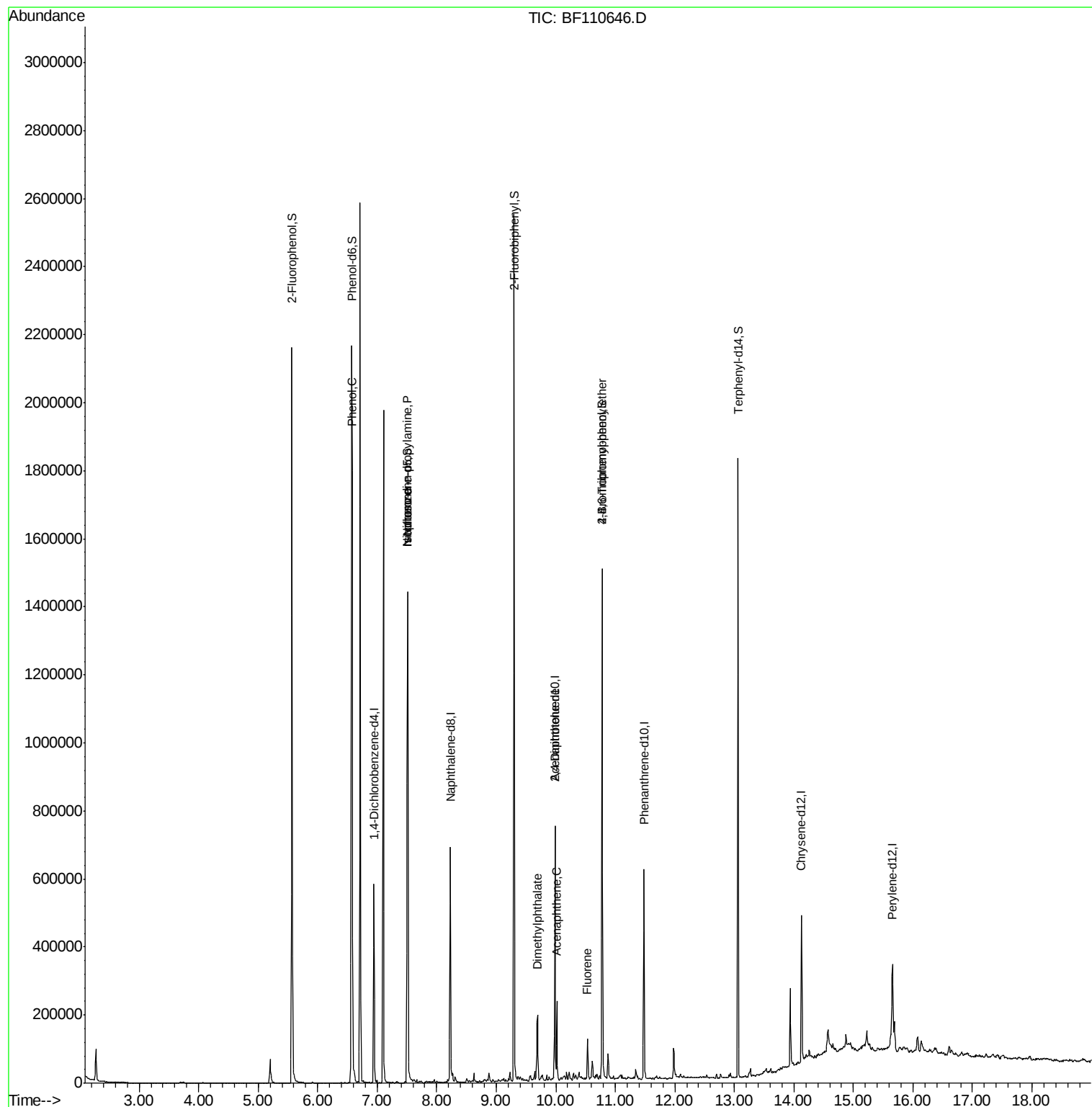
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	1716	Below Cal		# 1
10) Phenol	6.59	94	57254	7.779	ng	# 65
19) n-Nitroso-di-n-propylamine	7.51	70	75780	18.702	ng	# 79
25) Isophorone	7.51	82	558922	60.530	ng	# 67
50) Dimethylphthalate	9.69	163	69004	6.544	ng	# 99
52) Acenaphthene	10.02	154	48612	5.624	ng	# 99
57) 2,4-Dinitrotoluene	9.99	165	18057	5.987	ng	# 19
58) Fluorene	10.53	166	33907	3.491	ng	# 98
67) 4-Bromophenyl-phenylether	10.78	248	10480	4.445	ng	# 1

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

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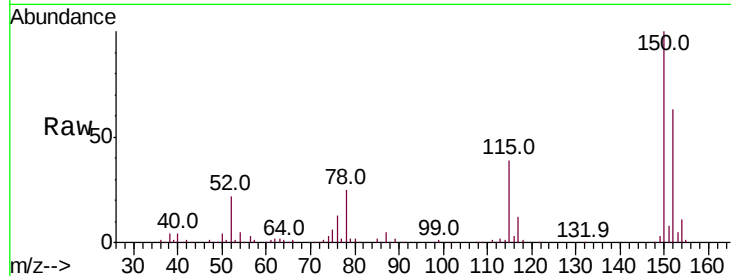




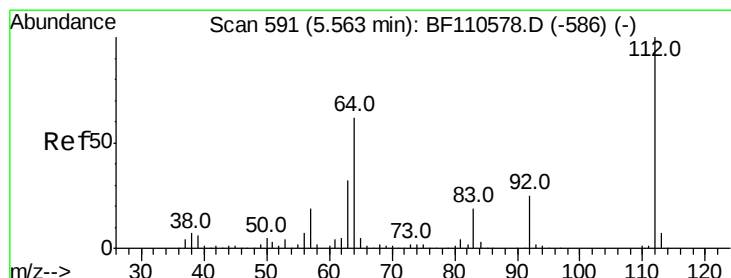
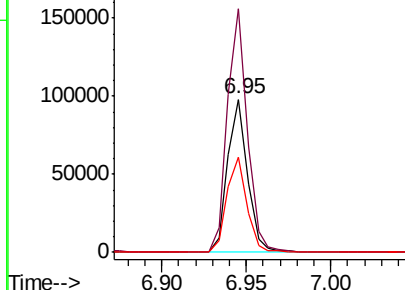
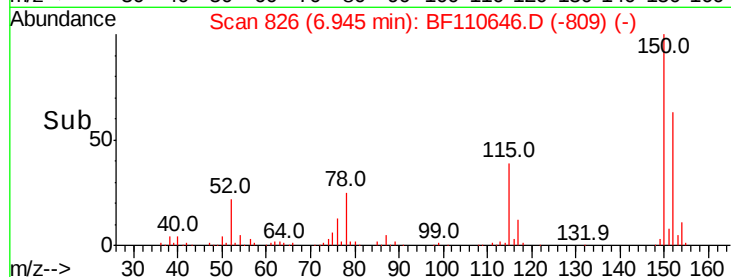
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110646.D
 Acq: 9 Nov 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 80630
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.7 184.1
 115 62.1 49.1 73.7

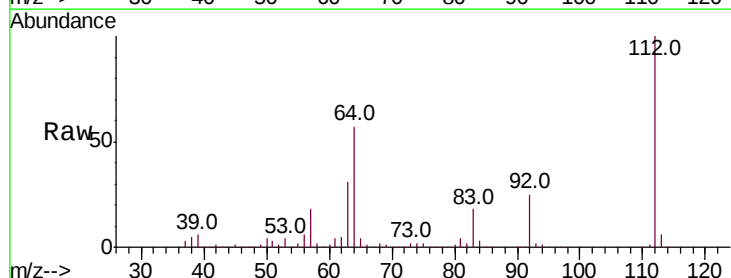


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

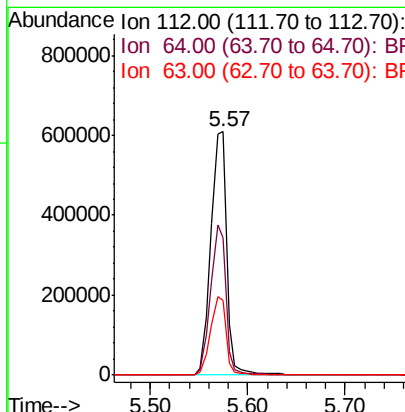
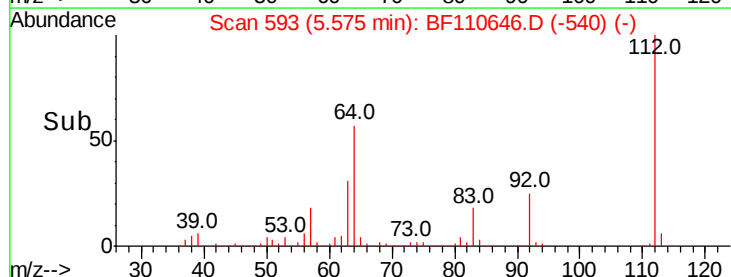


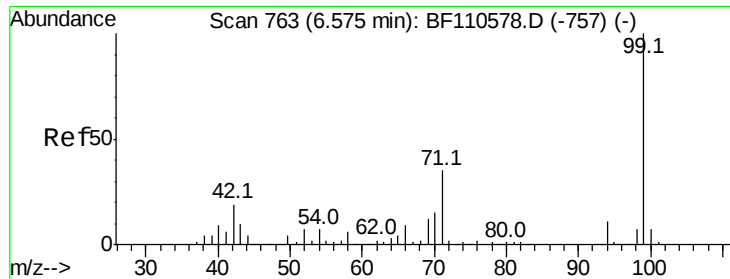
#5
 2-Fluorophenol
 Concen: 139.718 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110646.D
 Acq: 9 Nov 2018 23:52

Tgt Ion:112 Resp: 693552
 Ion Ratio Lower Upper
 112 100
 64 56.6 44.1 66.1
 63 30.5 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: 141.549 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Instrument :

BNA_F

ClientSampled :

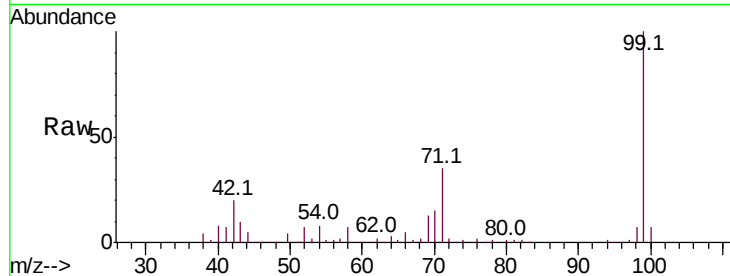
Tot Ion: 99 Resp: 898510

Ion Ratio Lower Upper

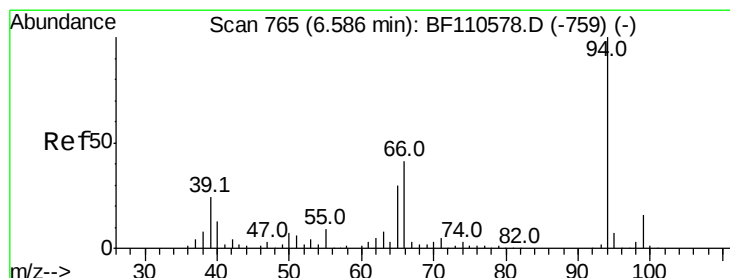
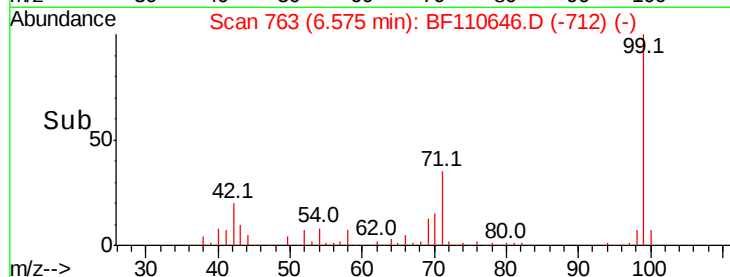
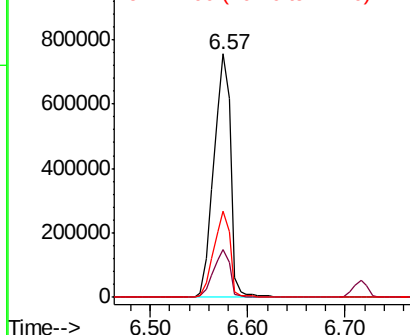
99 100

42 19.6 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



#10

Phenol

Concen: 7.779 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

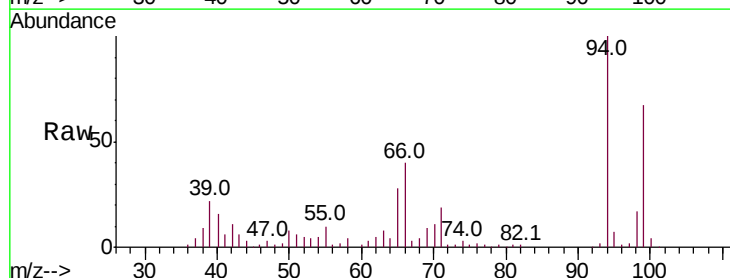
Tgt Ion: 94 Resp: 57254

Ion Ratio Lower Upper

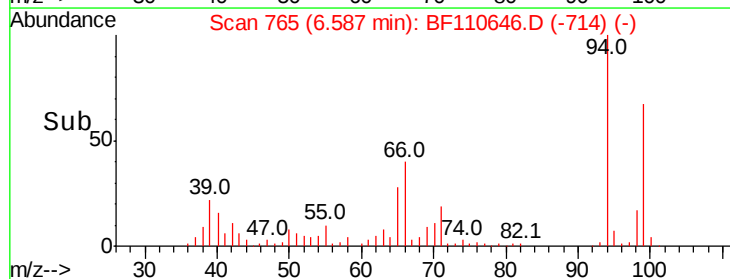
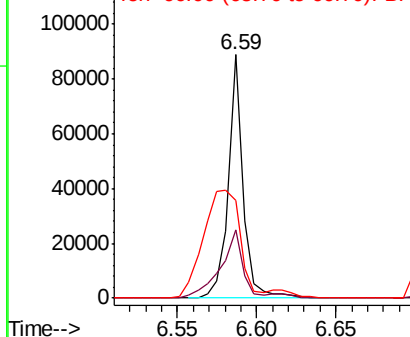
94 100

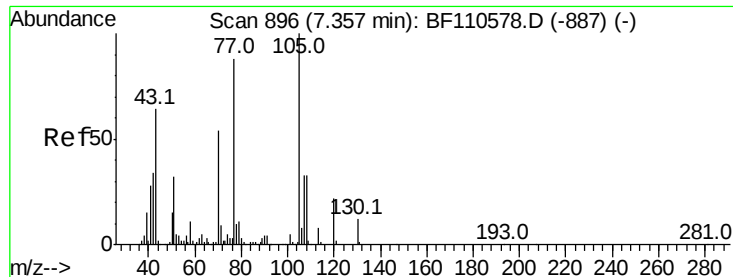
65 27.8 25.3 65.3

66 40.3 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

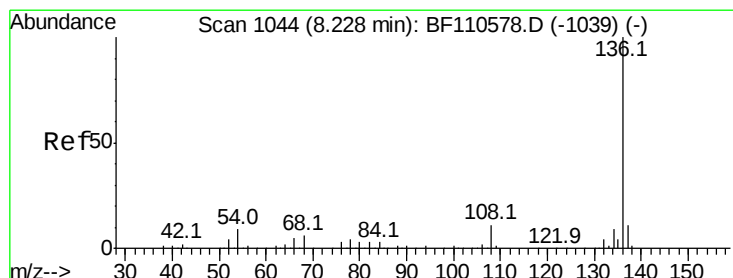
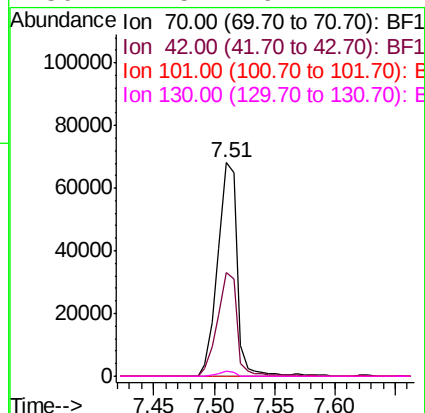
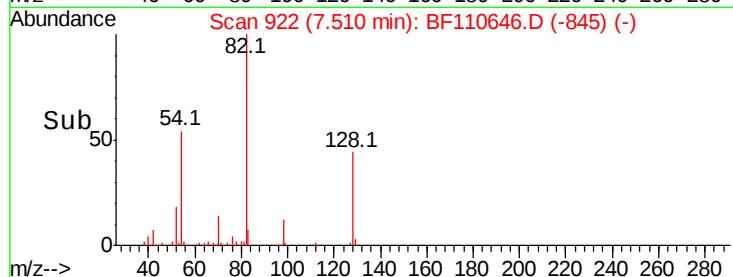
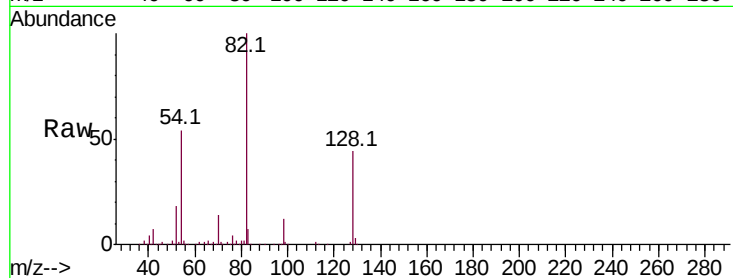




#19
n-Nitroso-di-n-propylamine
Concen: 18.702 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

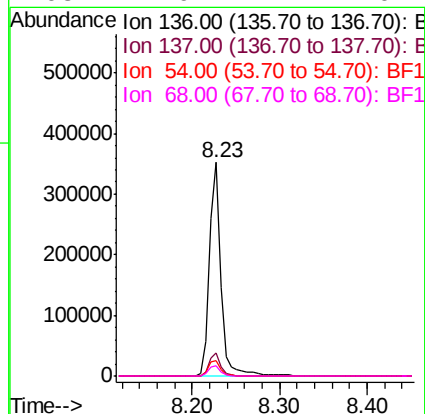
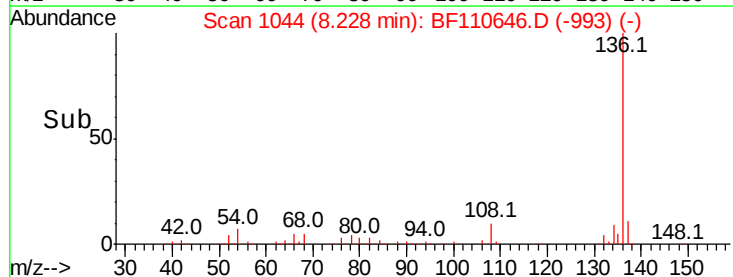
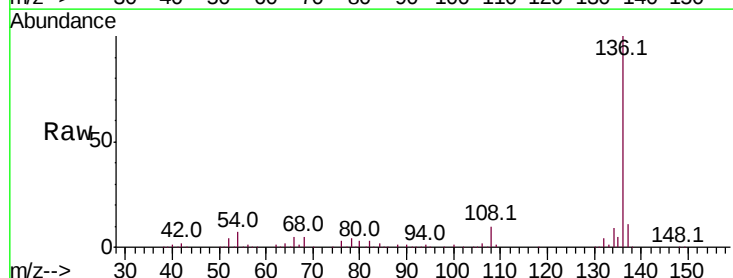
Instrument :
BNA_F
ClientSampleId :

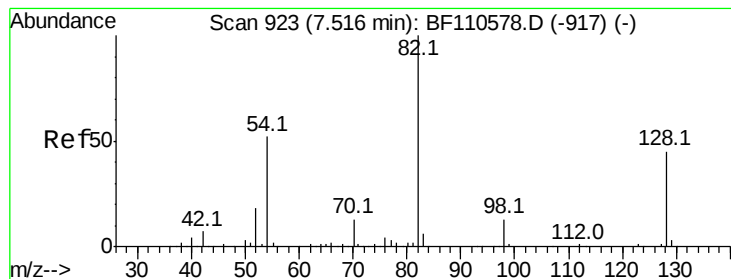
Tot Ion: 70 Resp: 75780
Ion Ratio Lower Upper
70 100
42 48.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion: 136 Resp: 324449
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.4 5.4 8.2
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 99.209 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Instrument :

BNA_F

ClientSampled :

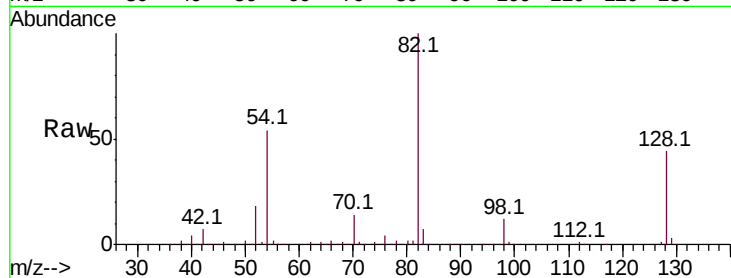
Tot Ion: 82 Resp: 558926

Ion Ratio Lower Upper

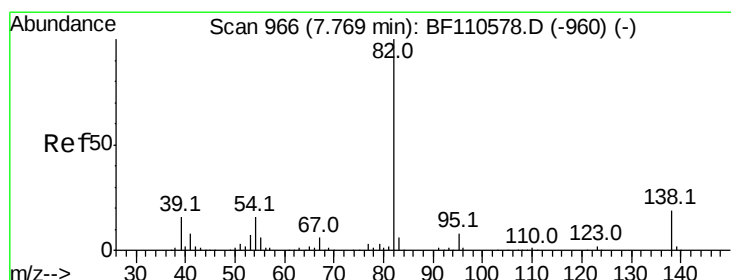
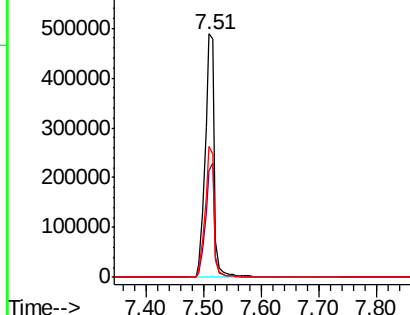
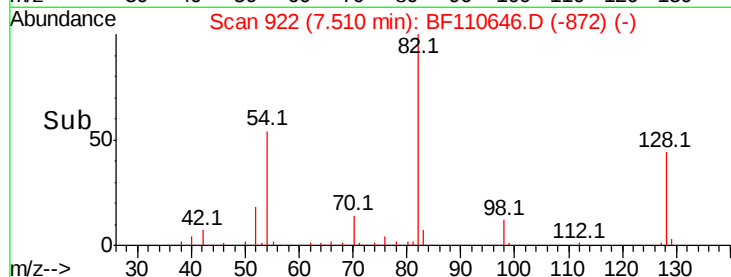
82 100

128 43.9 34.2 51.2

54 53.9 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: 60.530 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

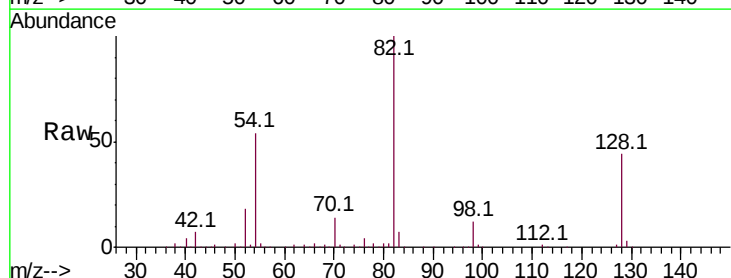
Tgt Ion: 82 Resp: 558922

Ion Ratio Lower Upper

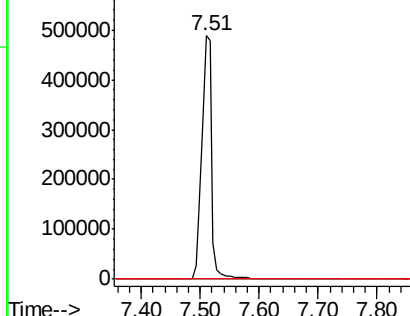
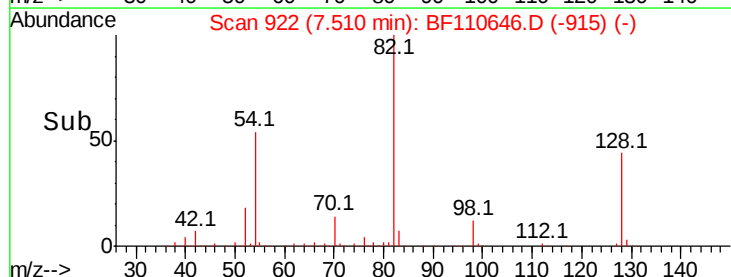
82 100

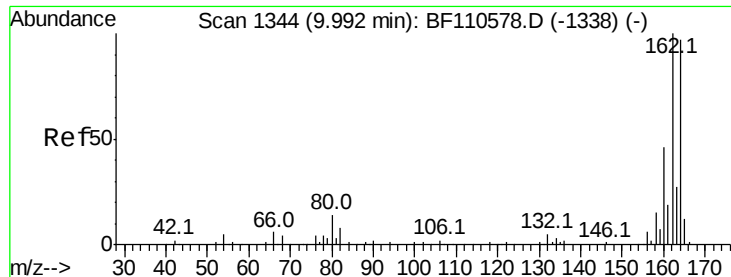
95 0.0 5.7 8.5#

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

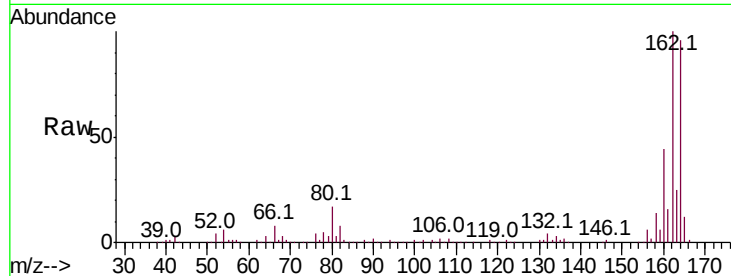




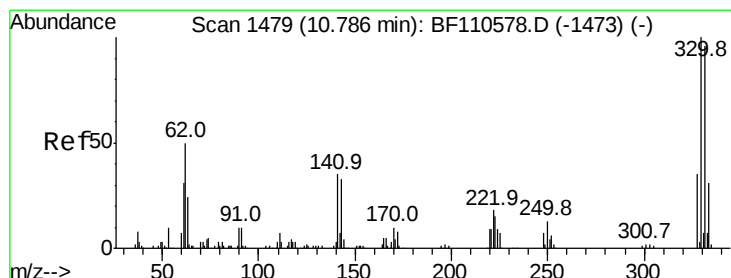
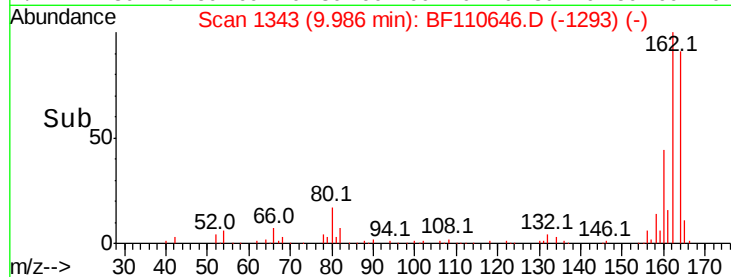
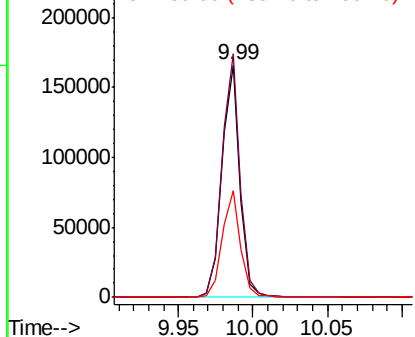
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 141312
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.6
160 46.1 37.0 55.6

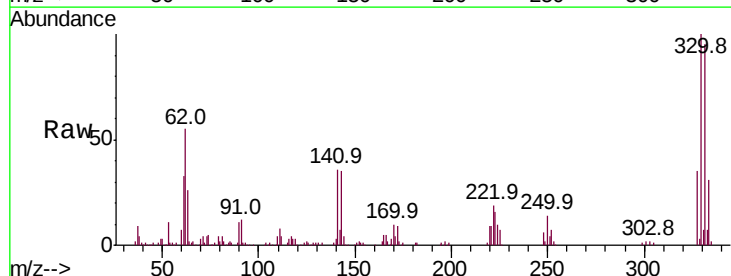


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

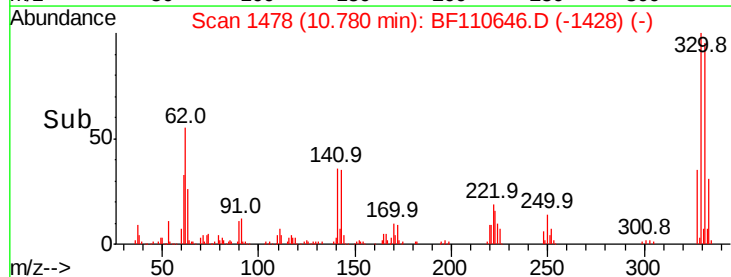
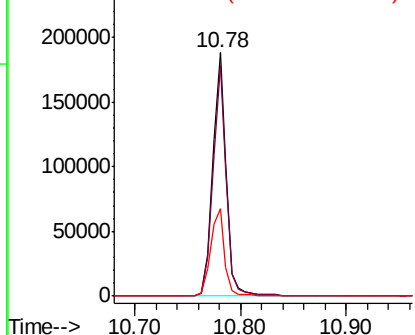


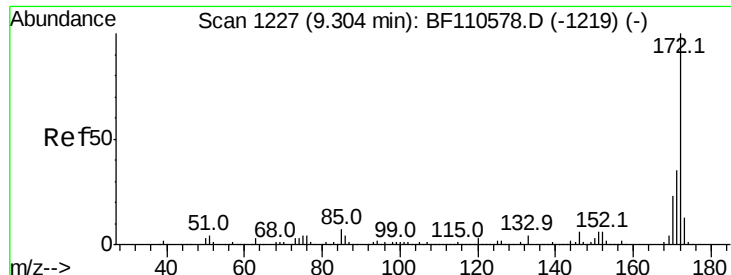
#42
2,4,6-Tribromophenol
Concen: 119.899 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:330 Resp: 170723
Ion Ratio Lower Upper
330 100
332 94.0 77.1 115.7
141 37.0 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

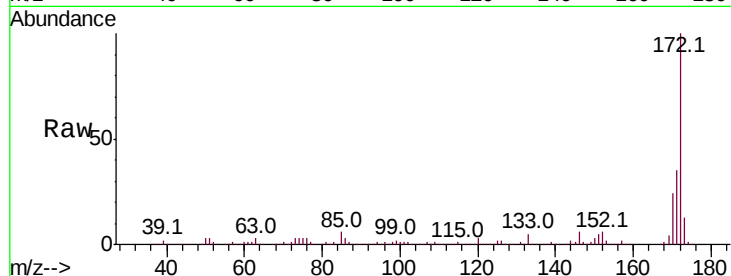




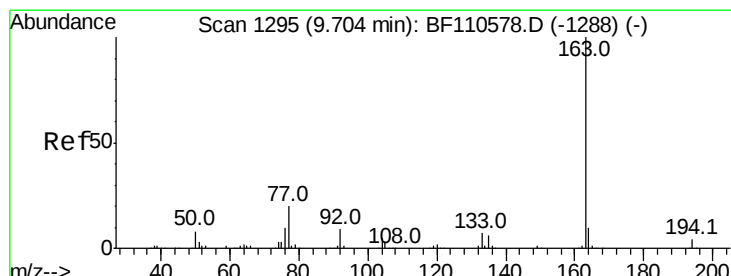
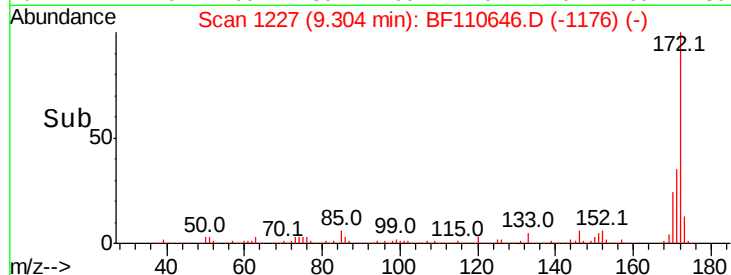
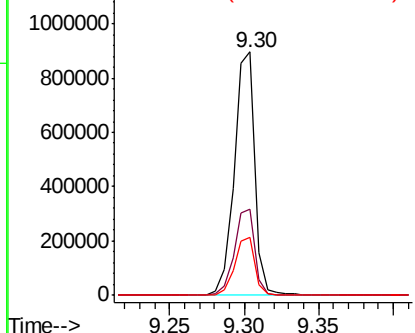
#45
2-Fluorobiphenyl
Concen: 87.785 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 868595
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.9 19.7 29.5

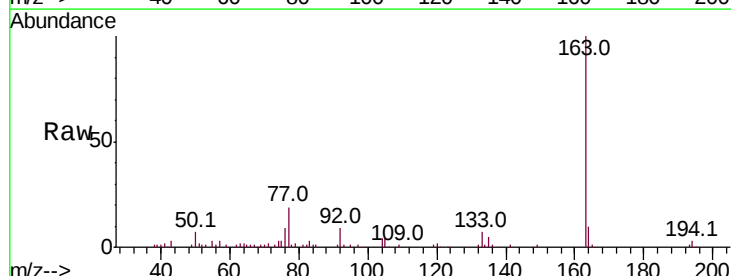


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

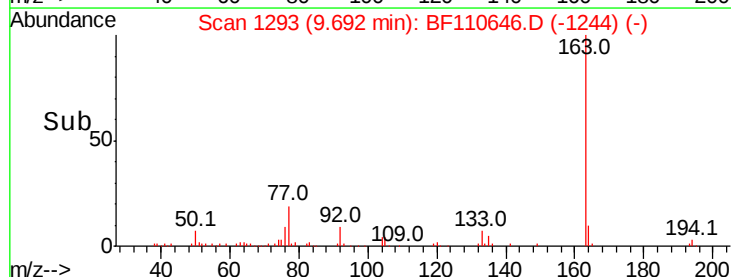
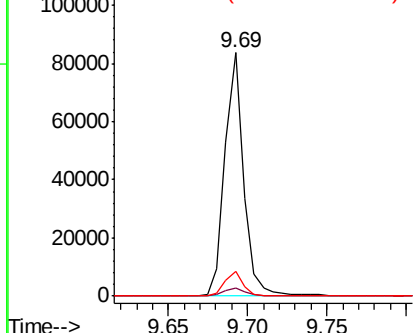


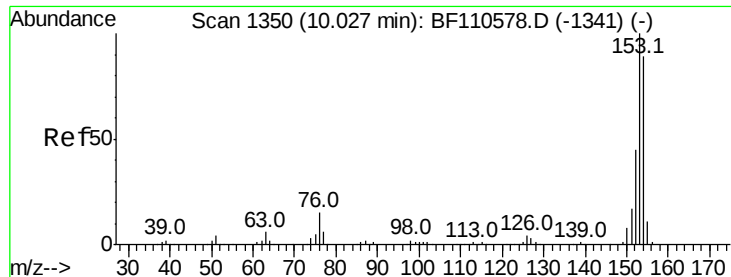
#50
Dimethylphthalate
Concen: 6.544 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:163 Resp: 69004
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8#
164 10.0 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





#52

Acenaphthene

Concen: 5.624 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Instrument :

BNA_F

ClientSampleId :

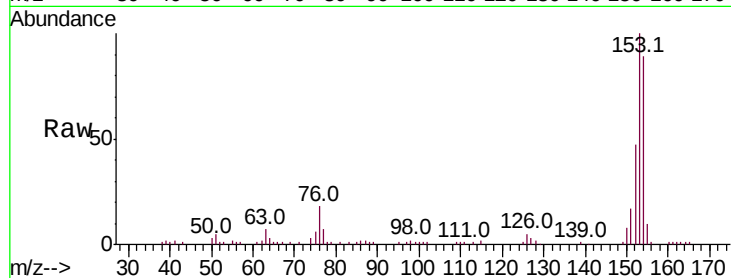
Tot Ion:154 Resp: 48612

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

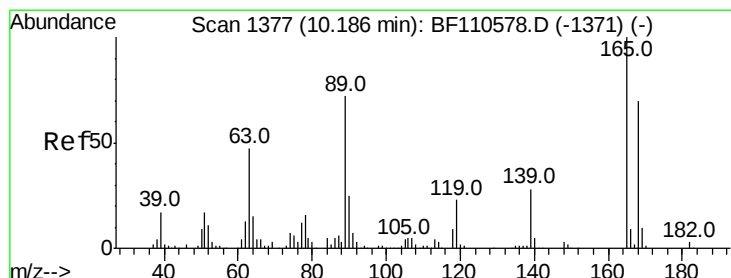
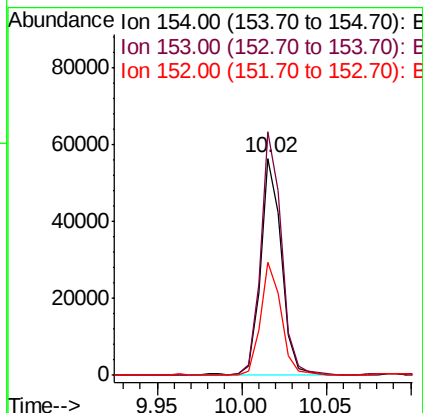
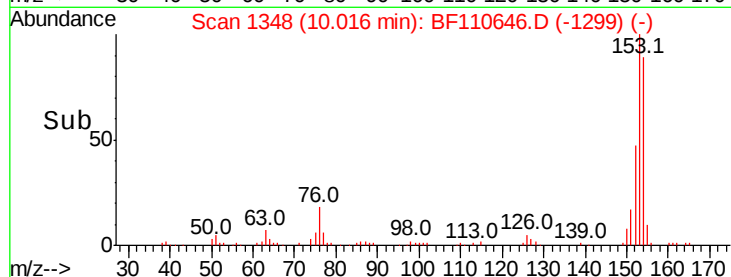
152 52.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.987 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.20 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Tgt Ion:165 Resp: 18057

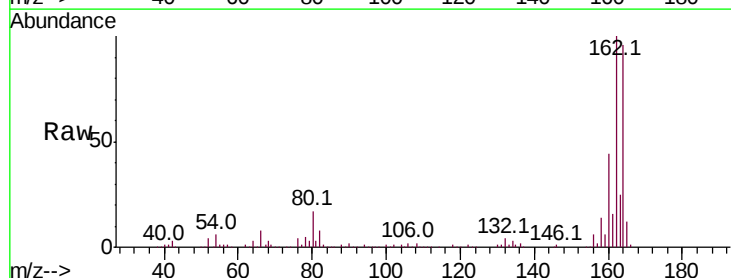
Ion Ratio Lower Upper

165 100

63 1.7 44.8 67.2#

89 1.5 62.2 93.4#

182 0.0 2.1 3.1#

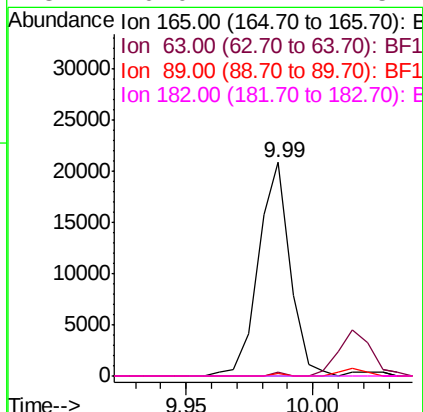
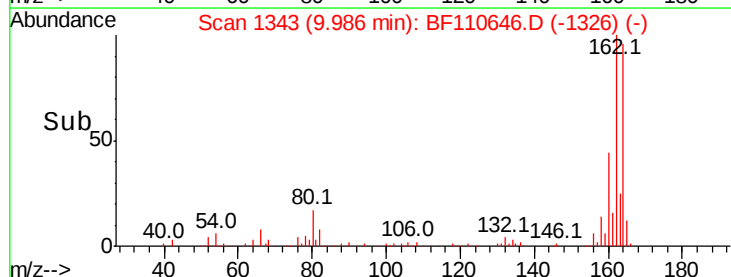


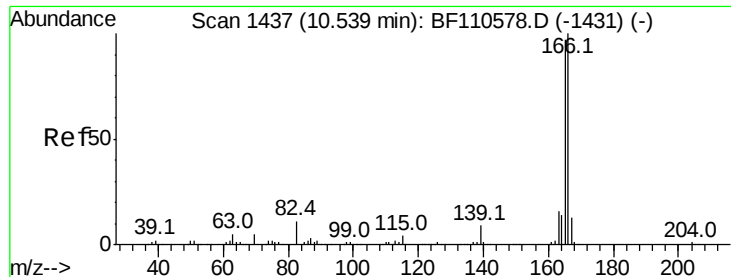
Abundance Ion 165.00 (164.70 to 165.70): E

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



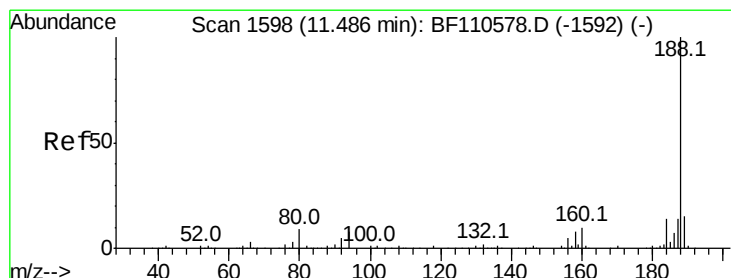
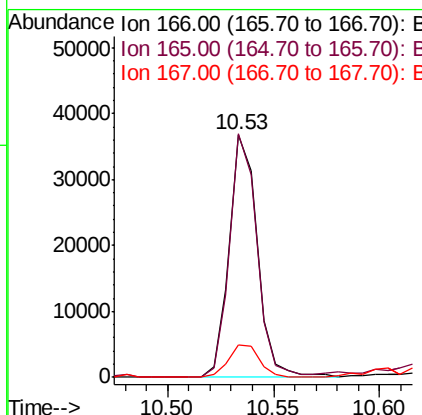
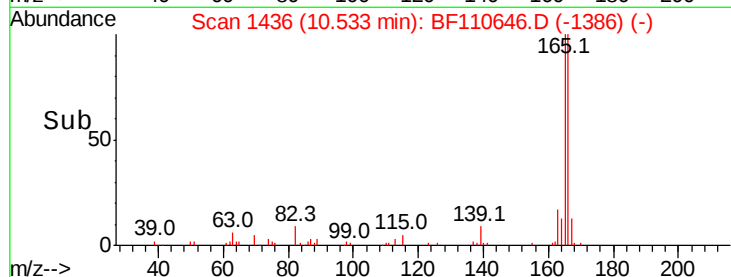
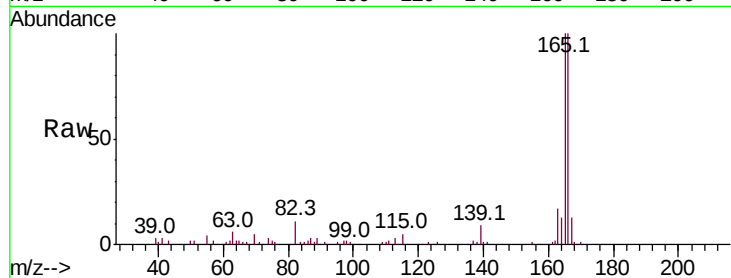


#58
 Fluorene
 Concen: 3.491 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110646.D
 Acq: 9 Nov 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 33907

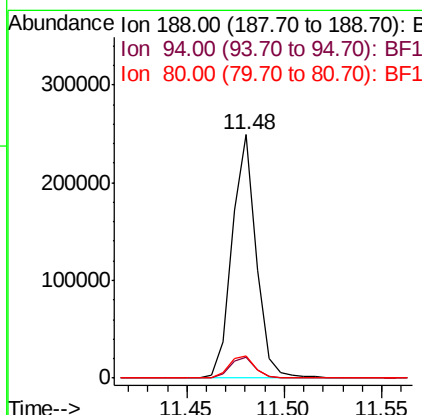
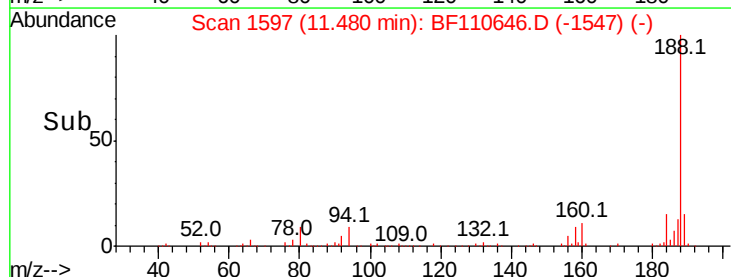
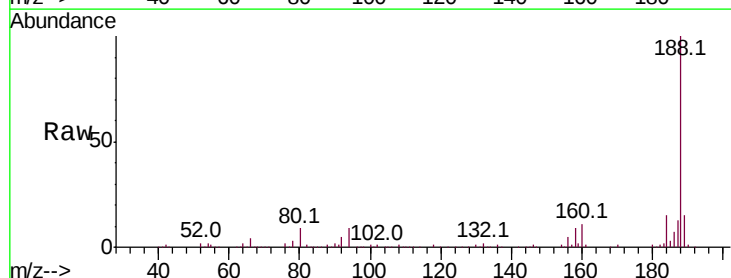
Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.6	117.8
167	13.5	10.8	16.2

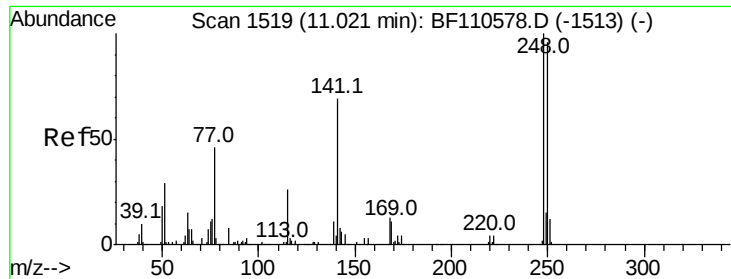


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110646.D
 Acq: 9 Nov 2018 23:52

Tgt Ion:188 Resp: 213332

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.2	7.9	11.9

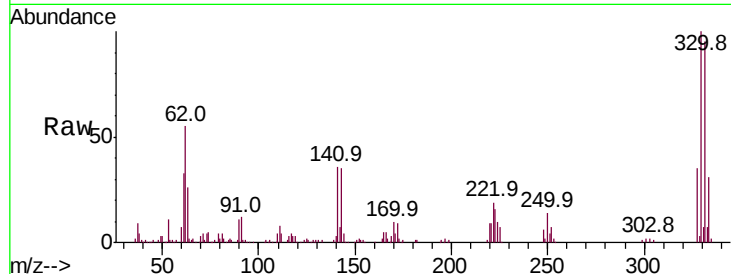




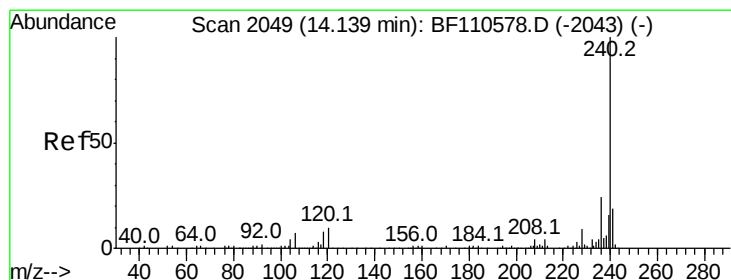
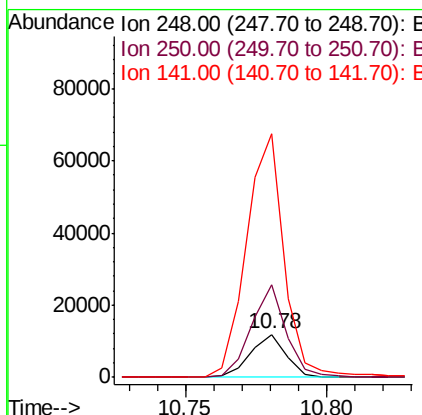
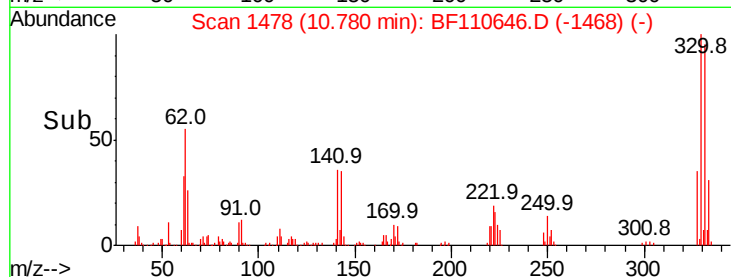
#67
4-Bromophenyl-phenylether
Concen: 4.445 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10480
Ion Ratio Lower Upper
248 100
250 215.9 79.4 119.2#
141 566.5 55.9 83.9#

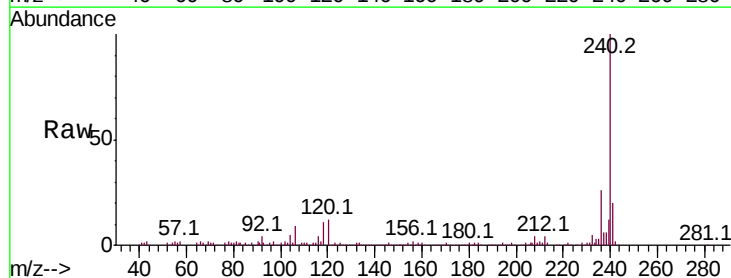


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

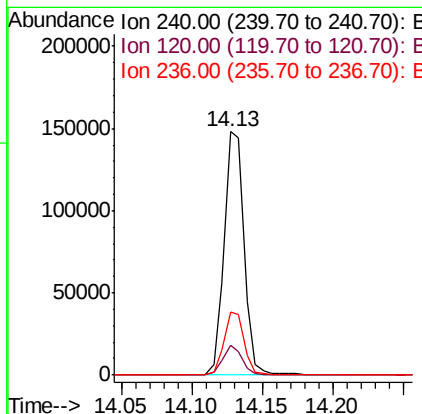
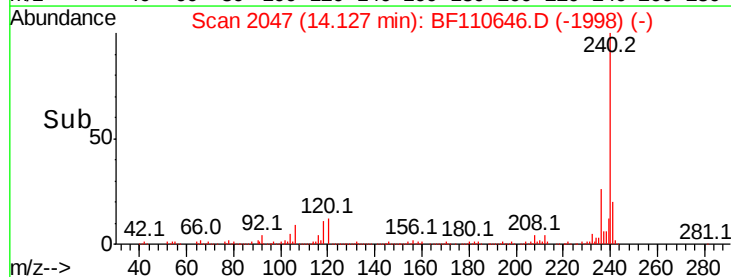


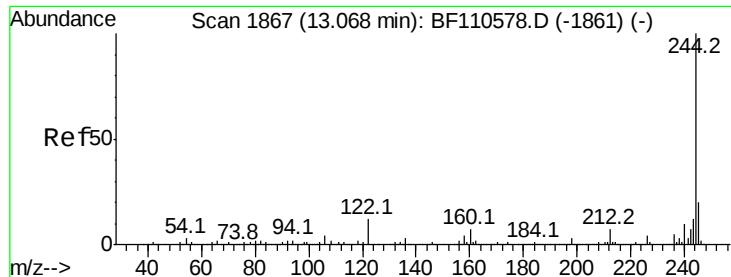
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:240 Resp: 145850
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.8 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: 72.515 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Instrument :

BNA_F

ClientSampleId :

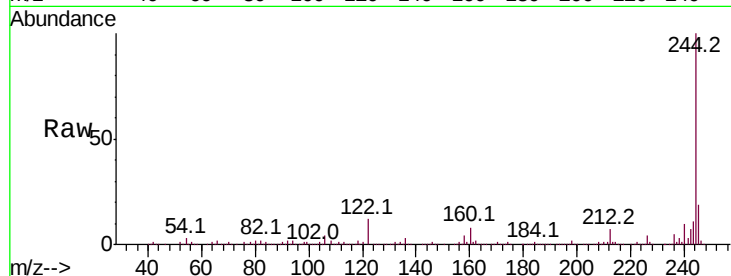
Tot Ion:244 Resp: 564746

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

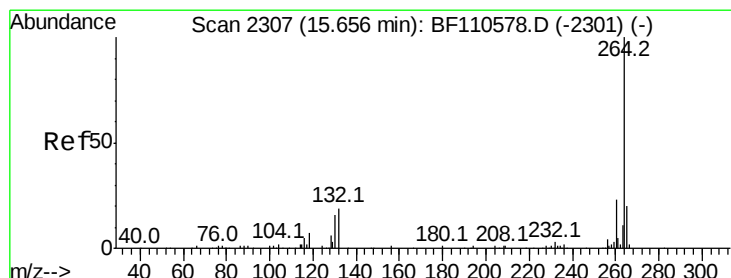
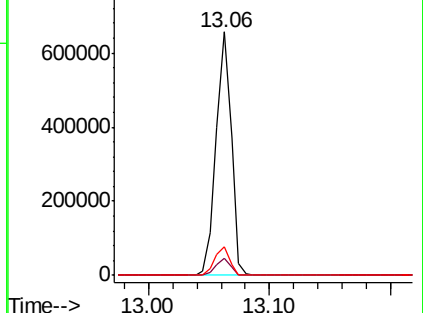
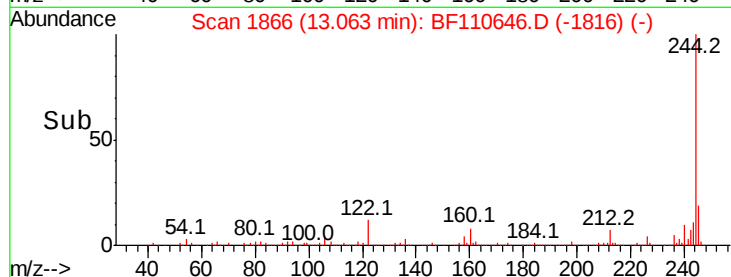
122 12.0 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

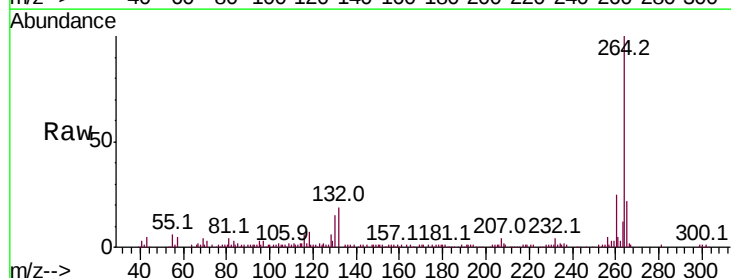
Tgt Ion:264 Resp: 115253

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

265 22.2 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

