

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110664.D
 Acq On : 10 Nov 2018 8:29
 Operator : JU/SJ
 Sample : J5881-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:28:09 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	75678	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	307840	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	126838	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	191902	20.00	ng	0.00
76) Chrysene-d12	14.13	240	147997	20.00	ng	-0.01
87) Perylene-d12	15.66	264	109364	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	156415	33.57	ng	0.00
7) Phenol-d6	6.56	99	115798	19.44	ng	-0.01
23) Nitrobenzene-d5	7.51	82	506459	94.75	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	83743	65.52	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	917224	103.28	ng	0.00
79) Terphenyl-d14	13.06	244	549617	69.55	ng	0.00

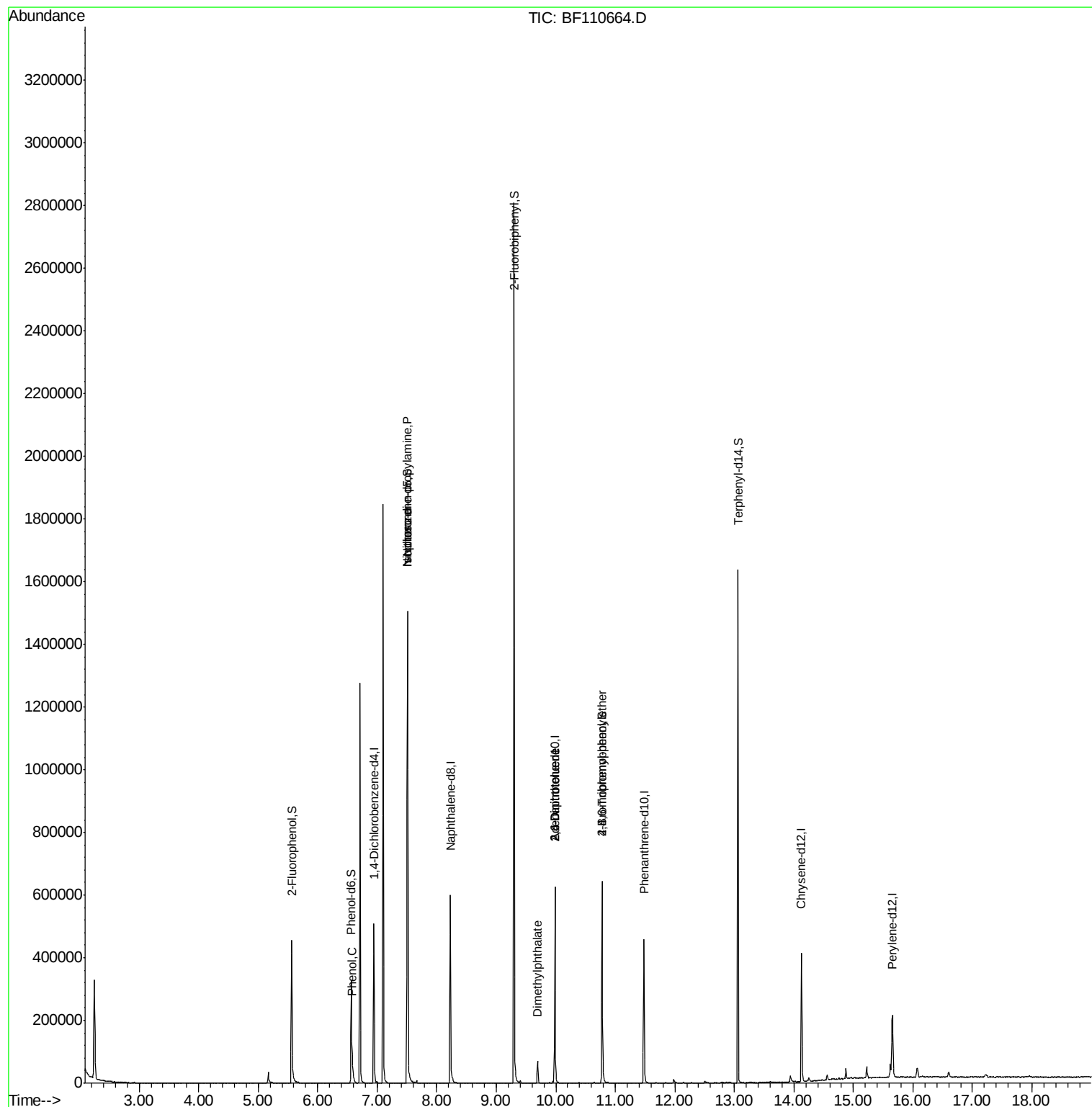
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.58	94	25562	3.700	ng	# 65
19) n-Nitroso-di-n-propylamine	7.51	70	66951	17.605	ng	# 79
25) Isophorone	7.51	82	506456	57.807	ng	# 67
50) Dimethylphthalate	9.69	163	34402	3.635	ng	# 98
51) 2,6-Dinitrotoluene	9.99	165	15947	7.660	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	15947	5.891	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	5437	2.564	ng	# 1

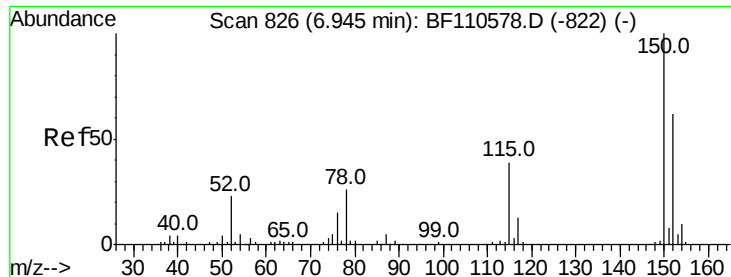
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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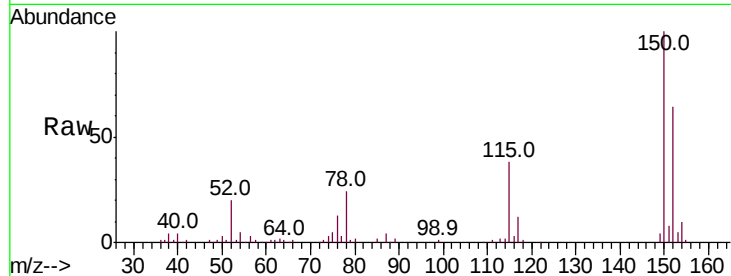


#1

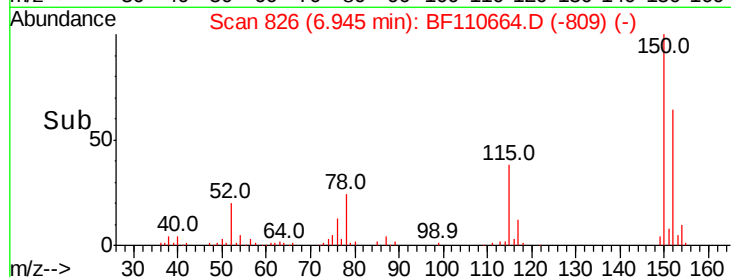
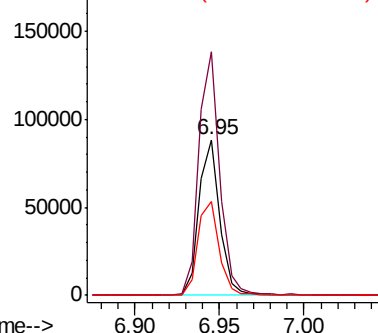
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75678
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 60.1 49.1 73.7



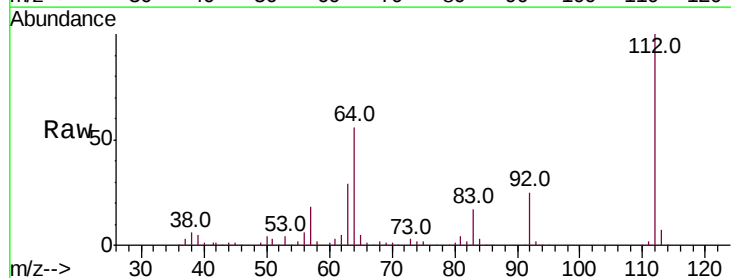
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



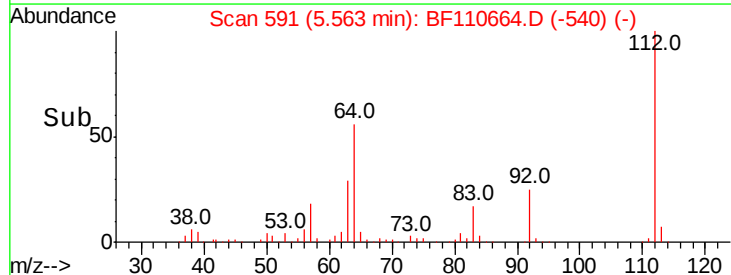
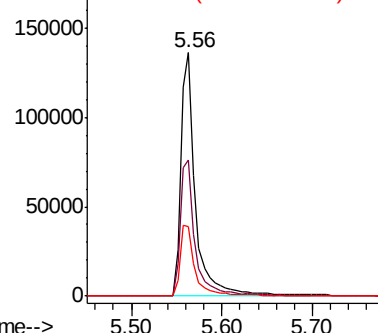
#5

2-Fluorophenol
Concen: 33.572 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Tgt Ion:112 Resp: 156415
Ion Ratio Lower Upper
112 100
64 55.8 44.1 66.1
63 28.8 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: 19.436 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110664.D

Acq: 10 Nov 2018 8:29

Instrument :

BNA_F

ClientSampleId :

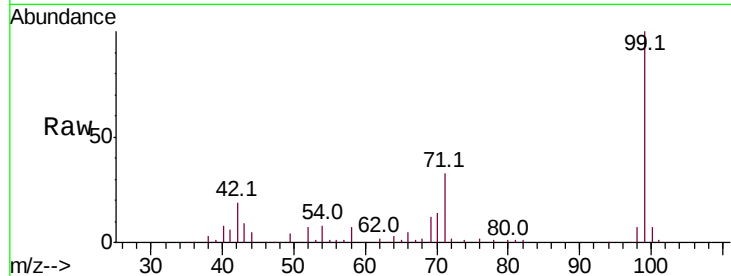
Tot Ion: 99 Resp: 115798

Ion Ratio Lower Upper

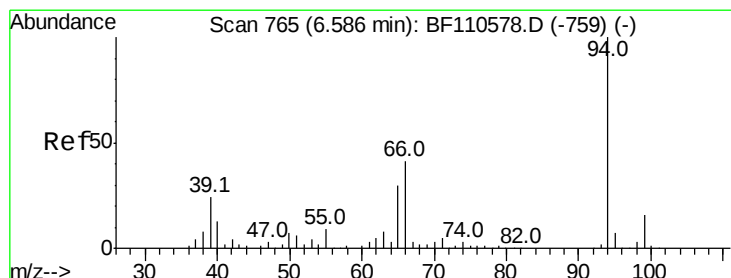
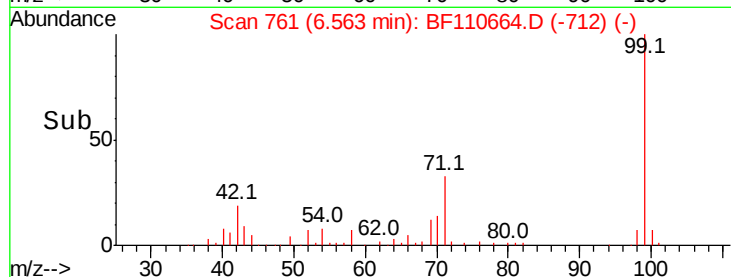
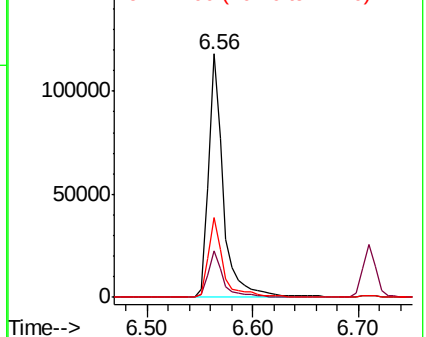
99 100

42 19.3 15.8 23.6

71 33.0 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: 3.700 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110664.D

Acq: 10 Nov 2018 8:29

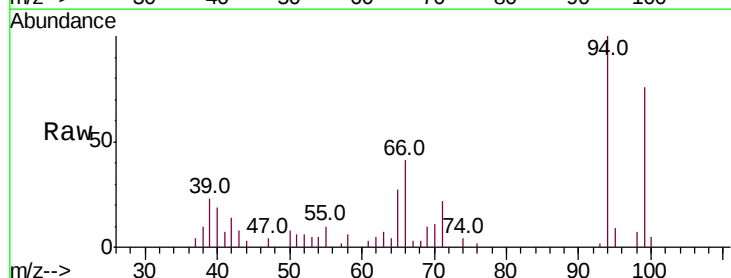
Tgt Ion: 94 Resp: 25562

Ion Ratio Lower Upper

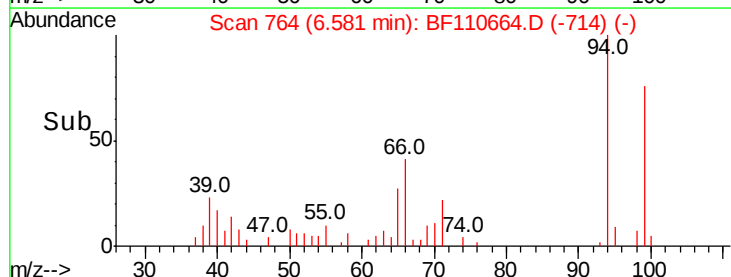
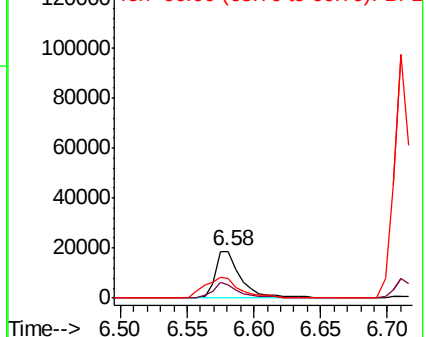
94 100

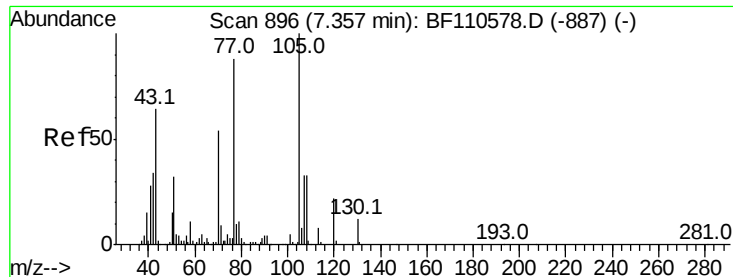
65 26.9 25.3 65.3

66 41.3 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

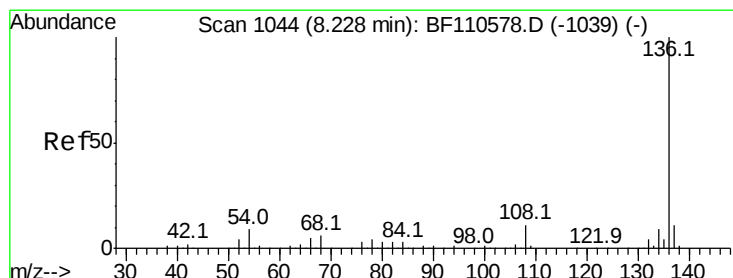
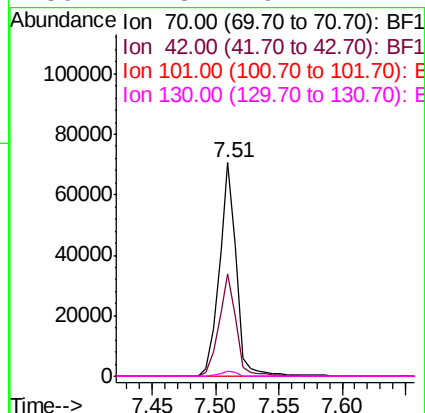
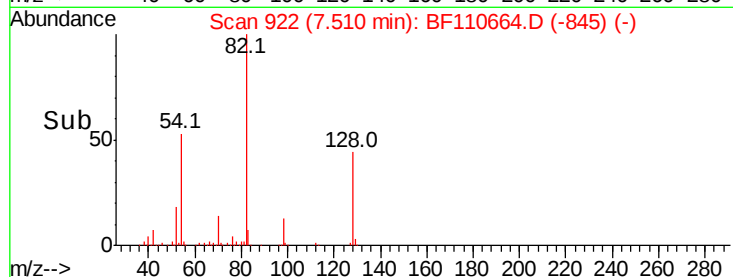
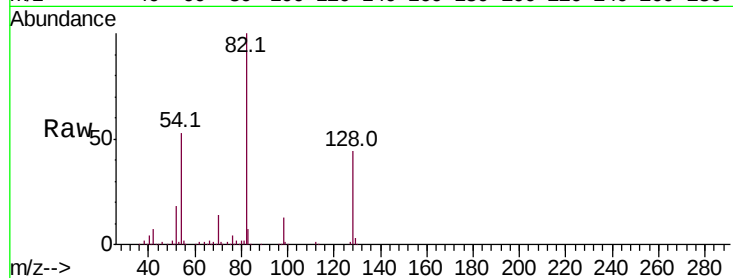




#19
n-Nitroso-di-n-propylamine
Concen: 17.605 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

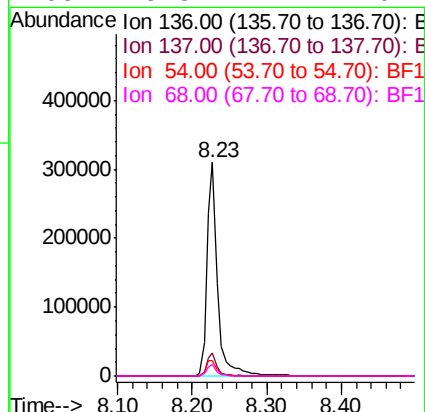
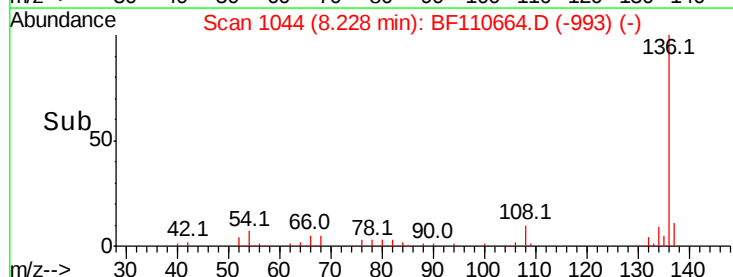
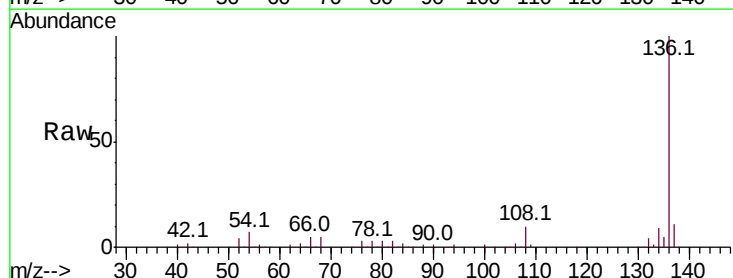
Instrument :
BNA_F
ClientSampleId :

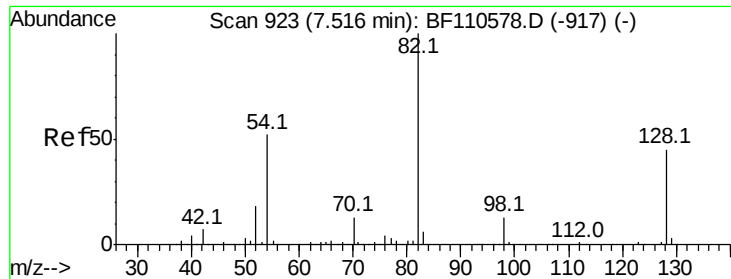
Tot Ion: 70 Resp: 66951
Ion Ratio Lower Upper
70 100
42 48.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Tgt Ion:136 Resp: 307840
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 5.4 8.2
68 5.3 4.2 6.2

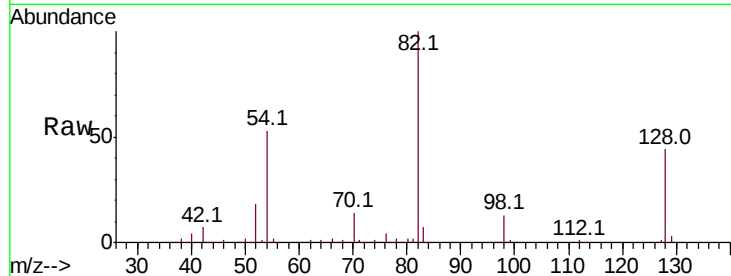




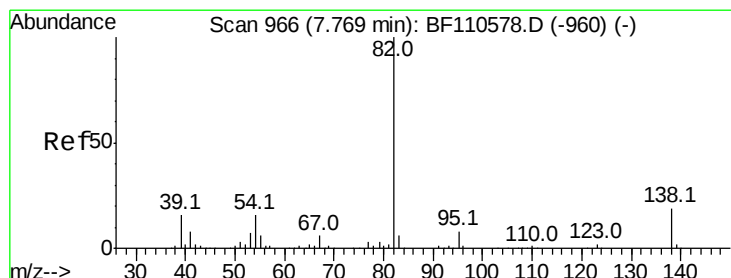
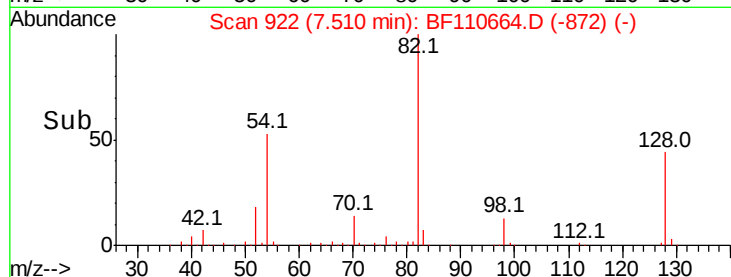
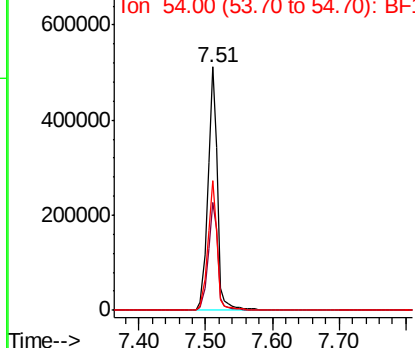
#23
Nitrobenzene-d5
Concen: 94.746 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	53.3	38.6	58.0

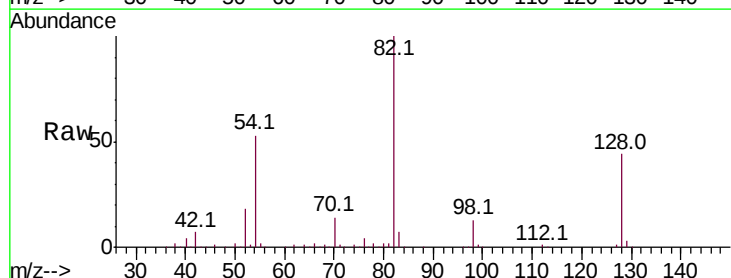


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

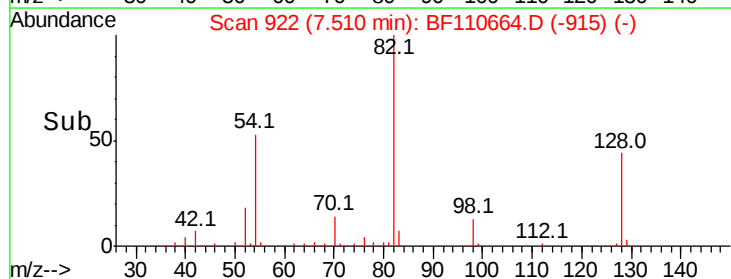
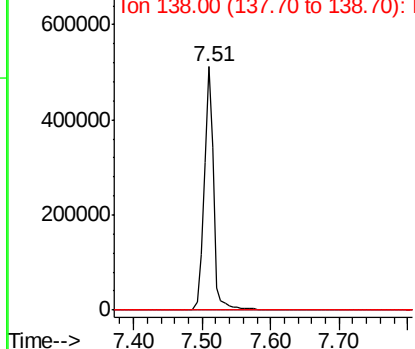


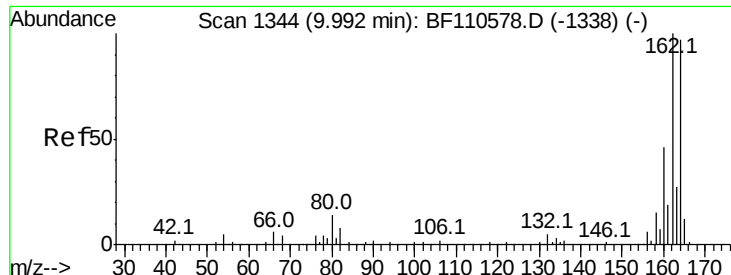
#25
Isophorone
Concen: 57.807 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

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

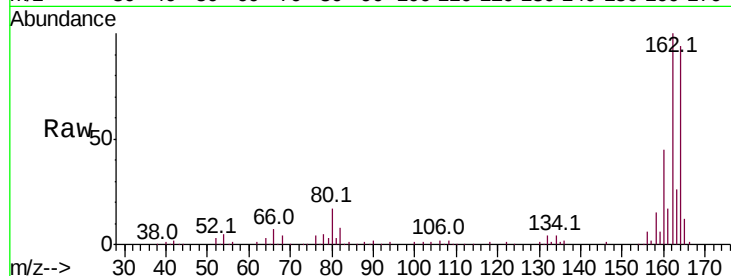




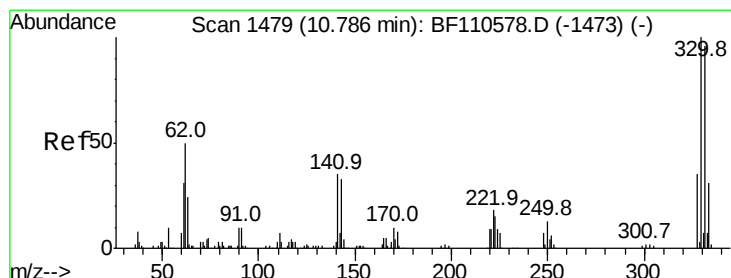
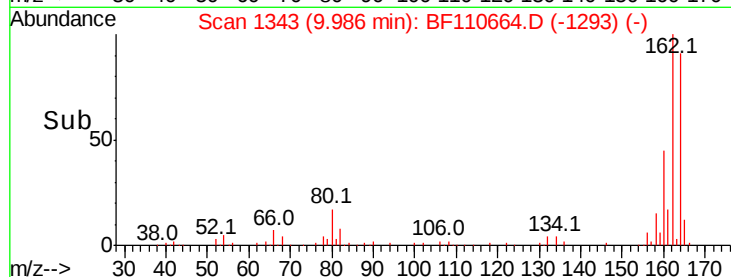
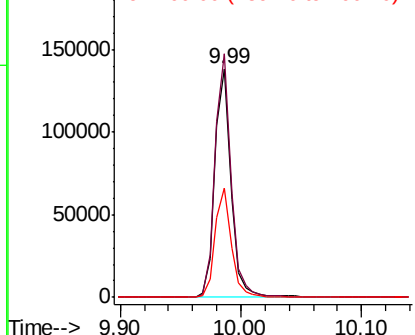
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.0	124.6
160	47.6	37.0	55.6

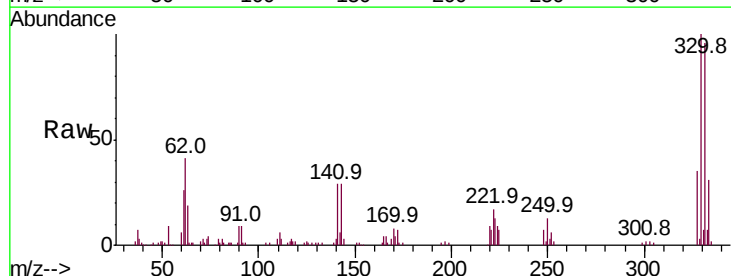


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

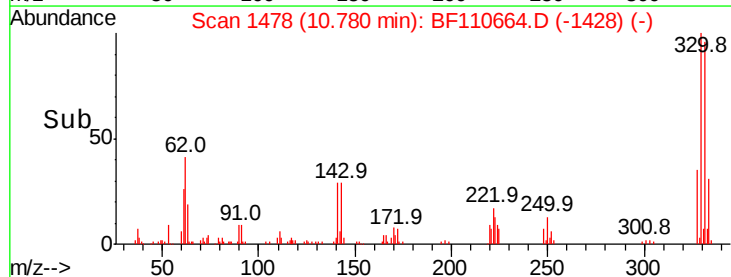
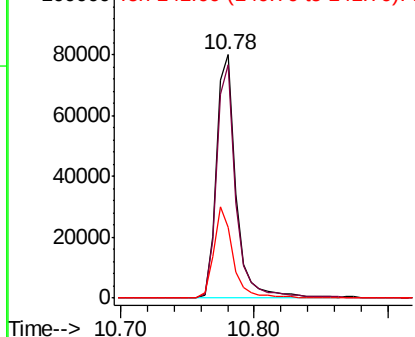


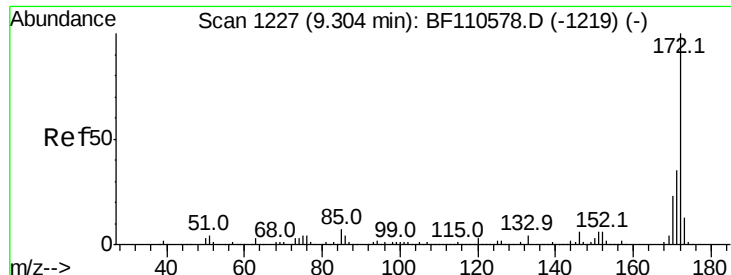
#42
2,4,6-Tribromophenol
Concen: 65.524 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	36.3	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

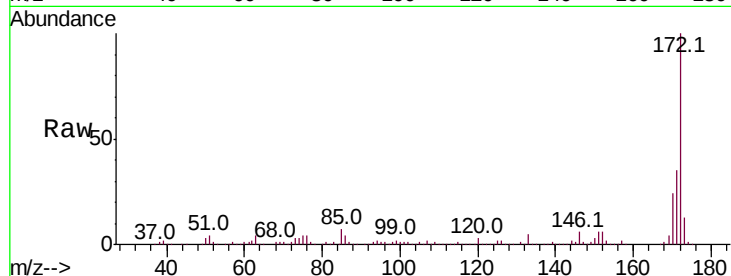




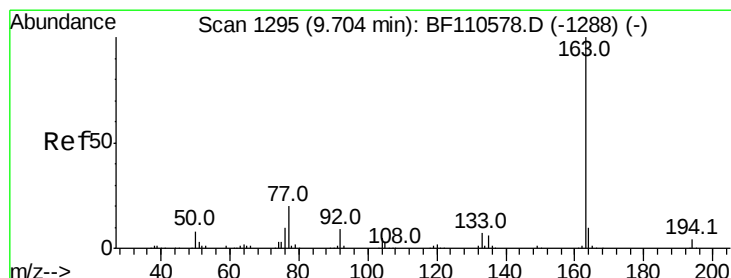
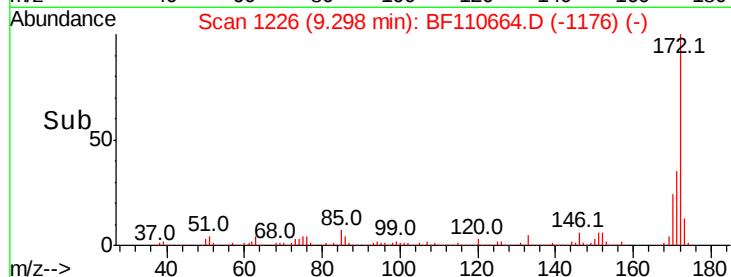
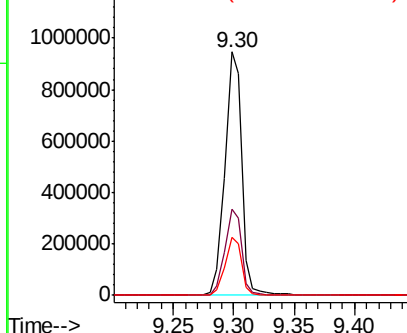
#45
2-Fluorobiphenyl
Concen: 103.278 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 917224
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.7 29.5

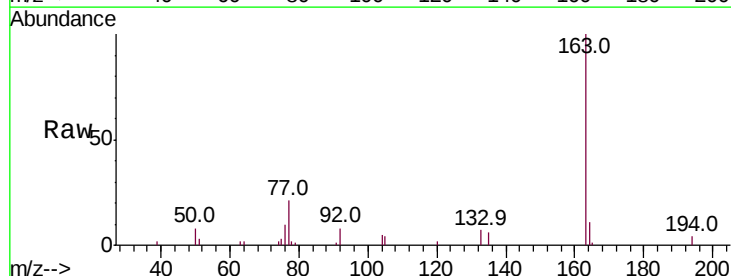


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

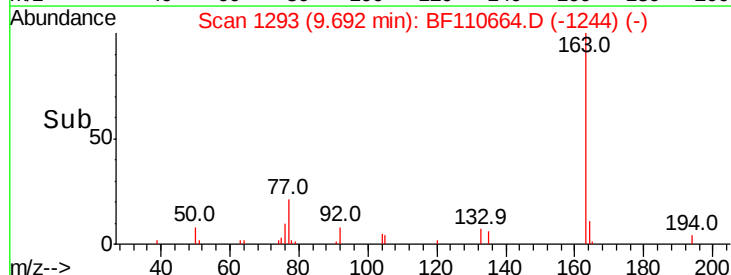
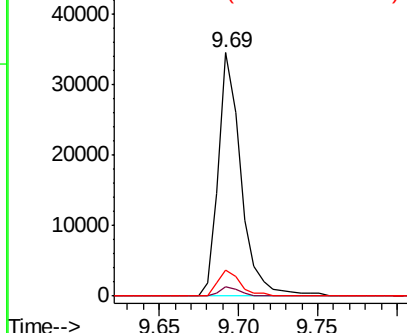


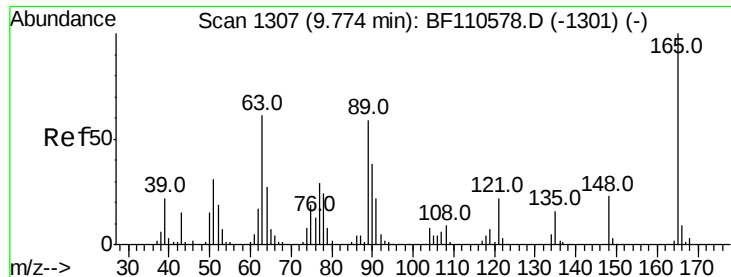
#50
Dimethylphthalate
Concen: 3.635 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Tgt Ion:163 Resp: 34402
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.9 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

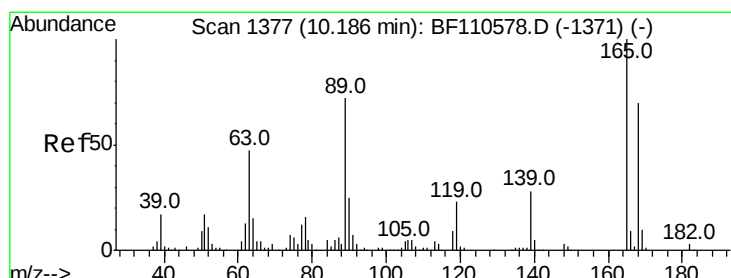
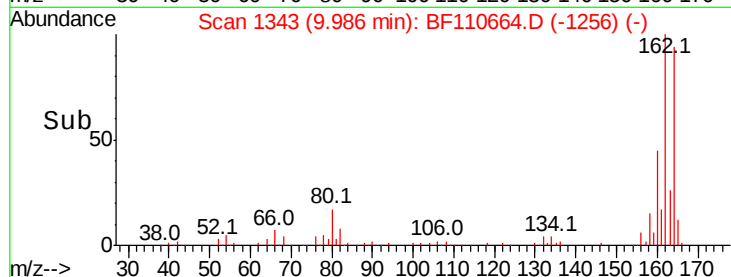
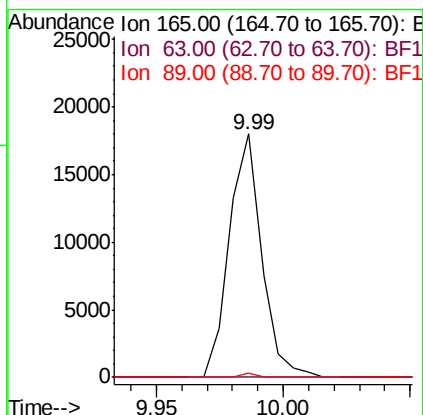
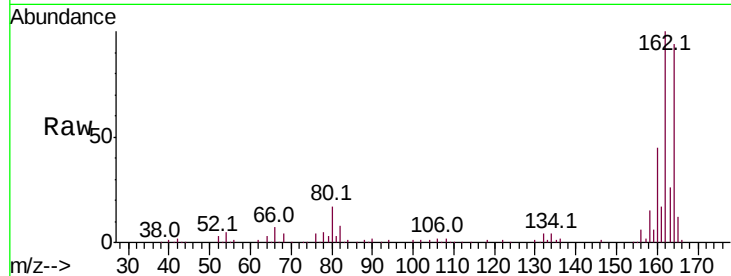




#51
 2,6-Dinitrotoluene
 Concen: 7.660 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110664.D
 Acq: 10 Nov 2018 8:29

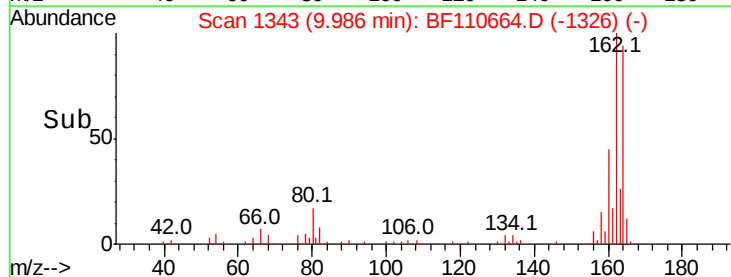
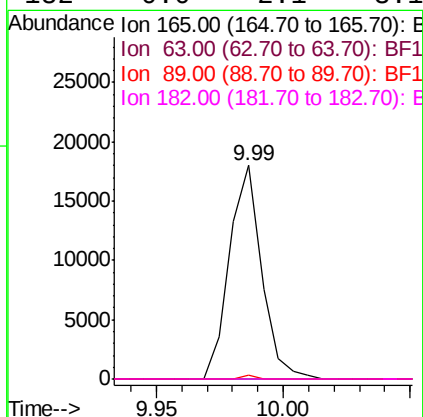
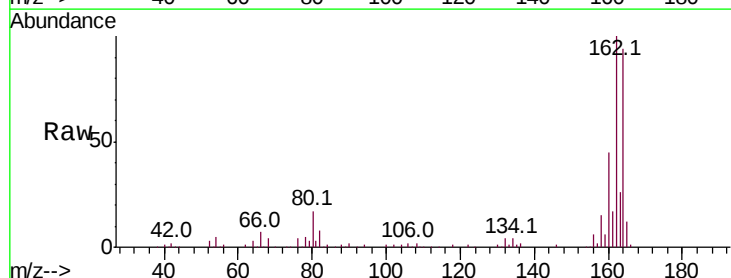
Instrument :
 BNA_F
 ClientSampleId :

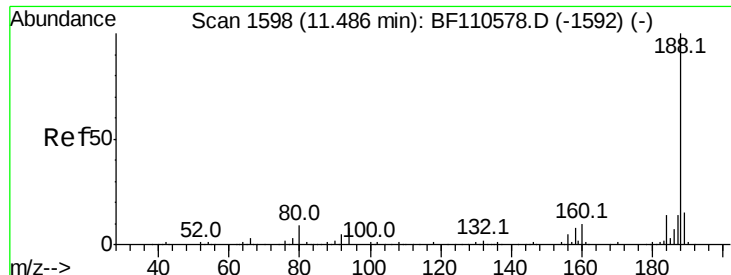
Tot Ion:	165	Resp:	15947
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.9	73.3#
89	1.9	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.891 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110664.D
 Acq: 10 Nov 2018 8:29

Tgt Ion:	165	Resp:	15947
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: BF110664.D

Acq: 10 Nov 2018 8:29

Instrument :

BNA_F

ClientSampleId :

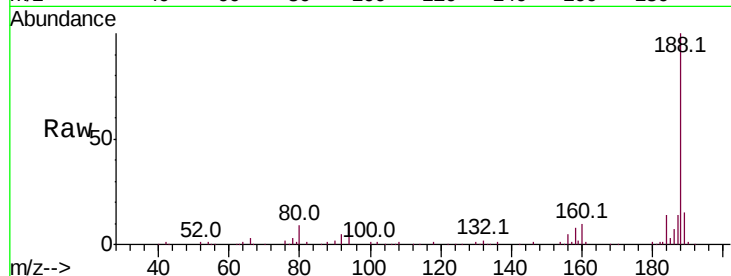
Tot Ion:188 Resp: 191902

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 8.8 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

250000

200000

150000

100000

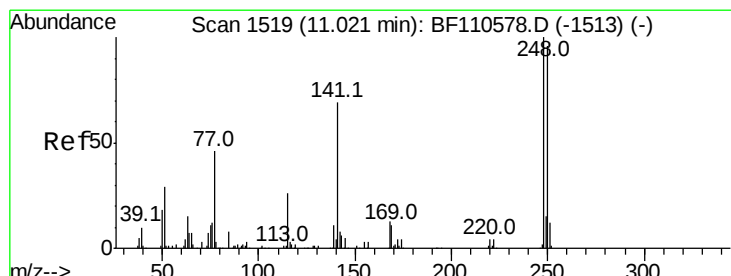
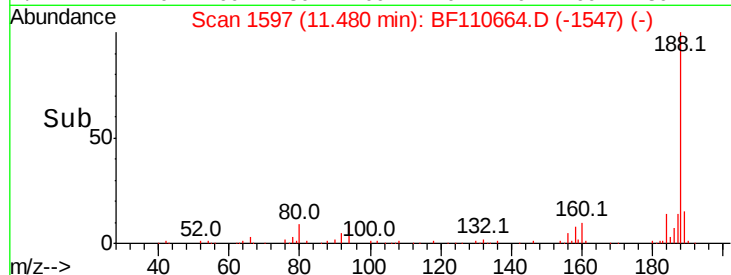
50000

0

11.48

11.40 11.50 11.60

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.564 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.24 min

Lab File: BF110664.D

Acq: 10 Nov 2018 8:29

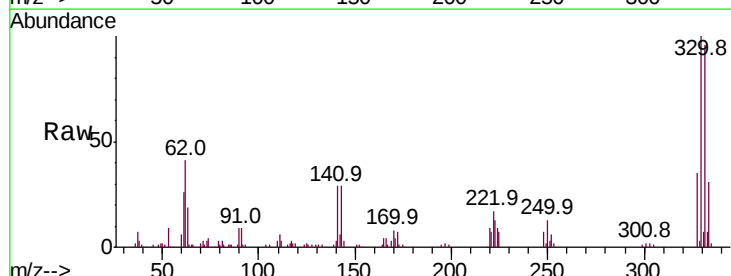
Tgt Ion:248 Resp: 5437

Ion Ratio Lower Upper

248 100

250 193.6 79.4 119.2#

141 441.0 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

40000

30000

20000

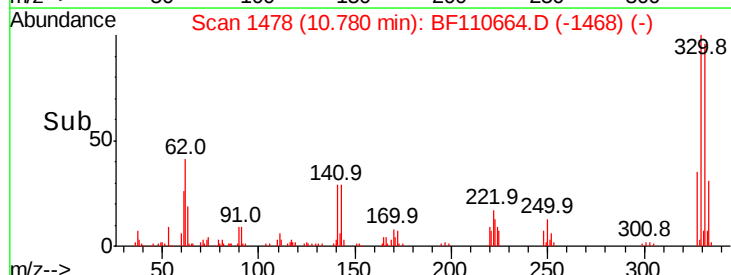
10000

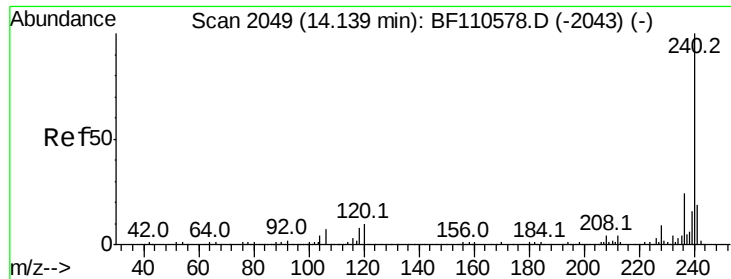
0

10.78

10.75 10.80

Time-->

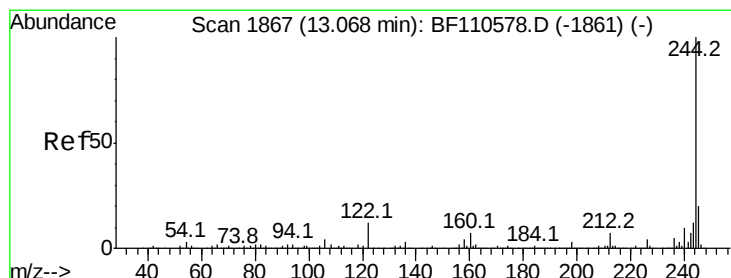
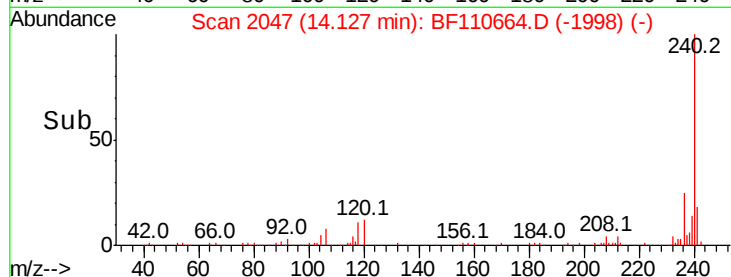
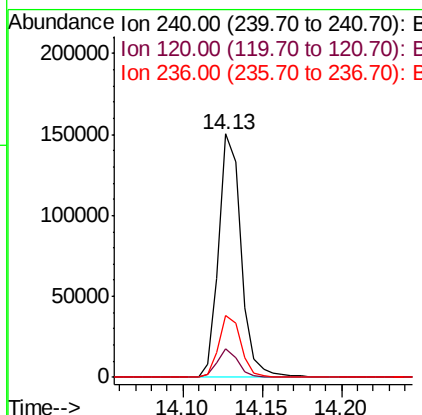
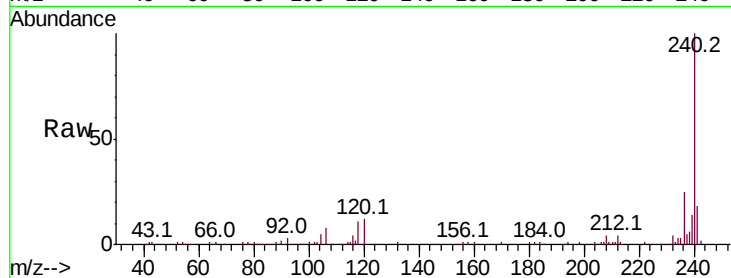




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

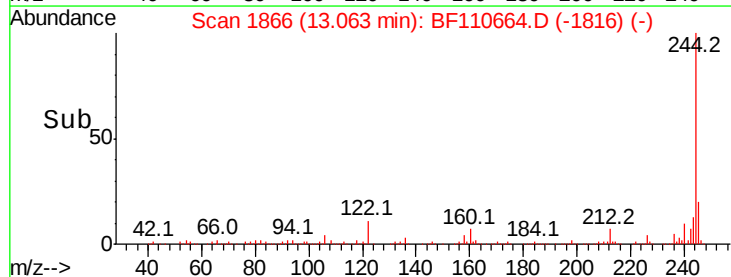
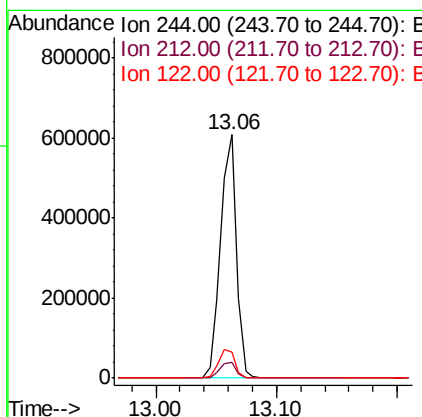
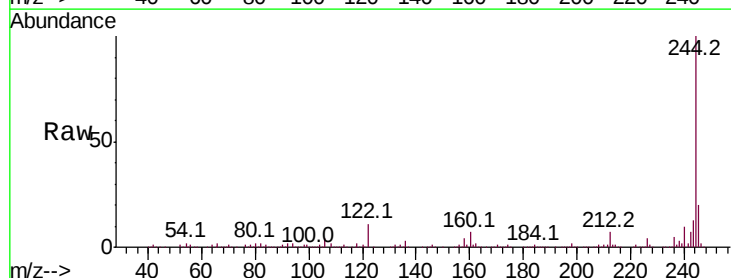
Instrument :
BNA_F
ClientSampleId :

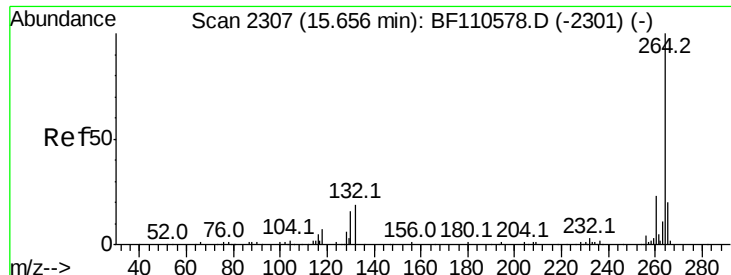
Tot Ion:240 Resp: 147997
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.4 21.2 31.8



#79
Terphenyl-d14
Concen: 69.549 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Tgt Ion:244 Resp: 549617
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 10.7 8.7 13.1

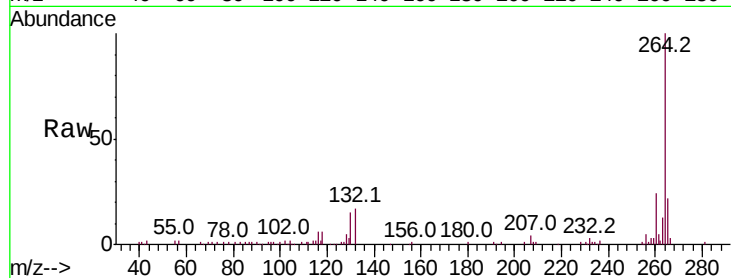




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110664.D
Acq: 10 Nov 2018 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	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

