

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110622.D
 Acq On : 9 Nov 2018 12:46
 Operator : JU/SJ
 Sample : J5762-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 15:45:34 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	86946	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	339995	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	131520	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	206614	20.00	ng	0.00
76) Chrysene-d12	14.13	240	189722	20.00	ng	-0.01
87) Perylene-d12	15.66	264	130276	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	248221	46.37	ng	0.00
7) Phenol-d6	6.56	99	342066	49.97	ng	-0.01
23) Nitrobenzene-d5	7.50	82	209427	35.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	41879	31.60	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	342442	37.19	ng	0.00
79) Terphenyl-d14	13.06	244	246495	24.33	ng	-0.01

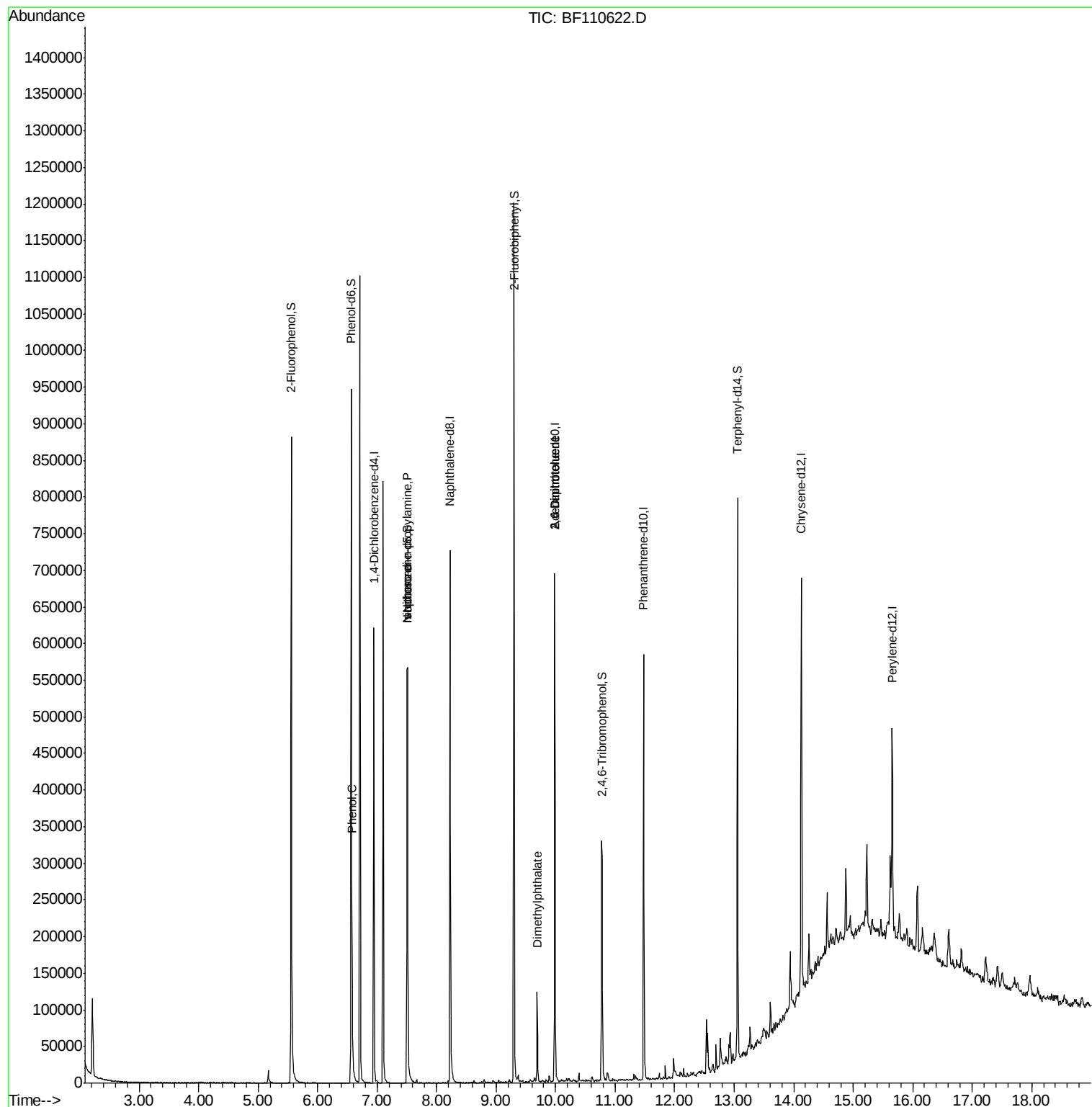
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	456	Below Cal		# 1
10) Phenol	6.58	94	22914	2.887	ng	# 69
19) n-Nitroso-di-n-propylamine	7.50	70	27140	6.212	ng	# 82
25) Isophorone	7.50	82	209426	21.643	ng	# 67
50) Dimethylphthalate	9.69	163	48404	4.932	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	16503	7.644	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	16503	5.879	ng	# 19

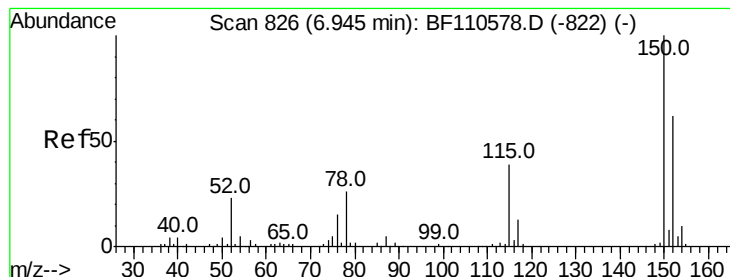
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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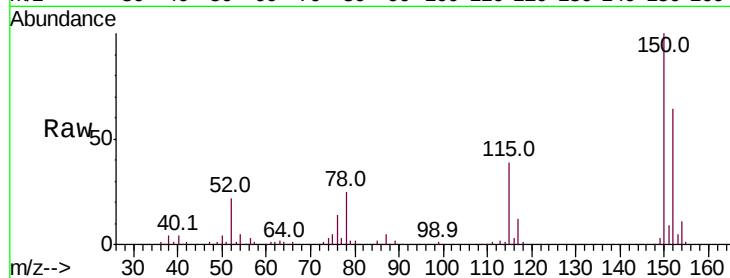


#1

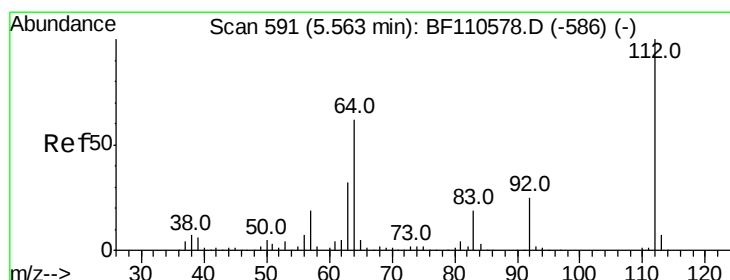
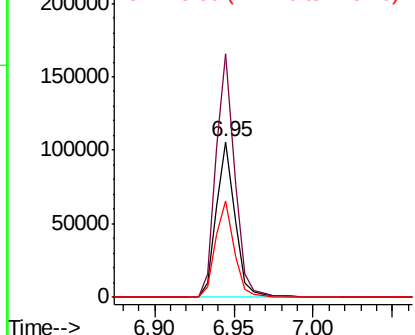
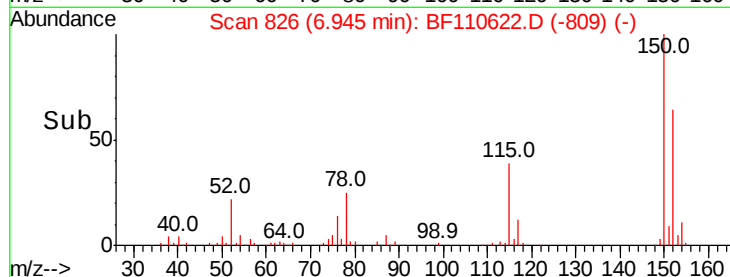
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86946
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 61.7 49.1 73.7



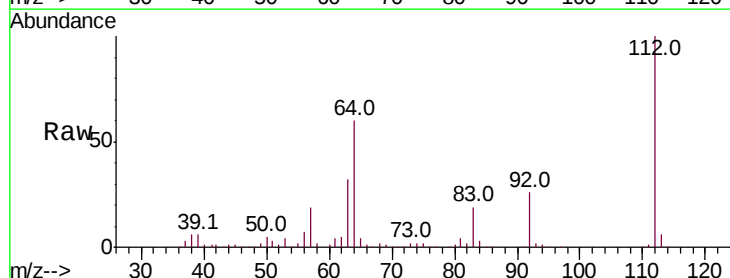
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



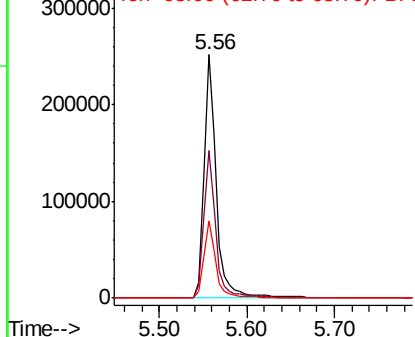
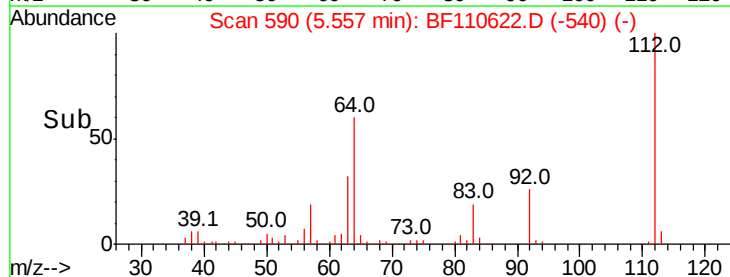
#5

2-Fluorophenol
Concen: 46.372 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Tgt Ion:112 Resp: 248221
Ion Ratio Lower Upper
112 100
64 60.4 44.1 66.1
63 31.7 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: 49.974 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110622.D

Acq: 9 Nov 2018 12:46

Instrument :

BNA_F

ClientSampleId :

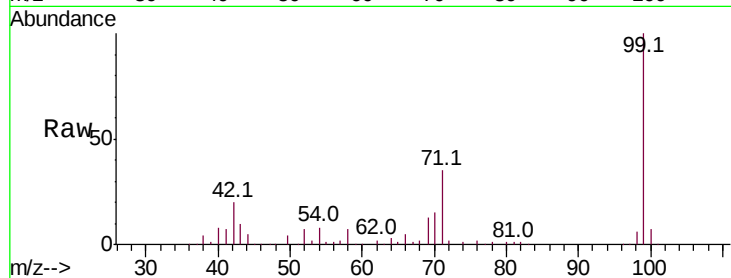
Tot Ion: 99 Resp: 342066

Ion Ratio Lower Upper

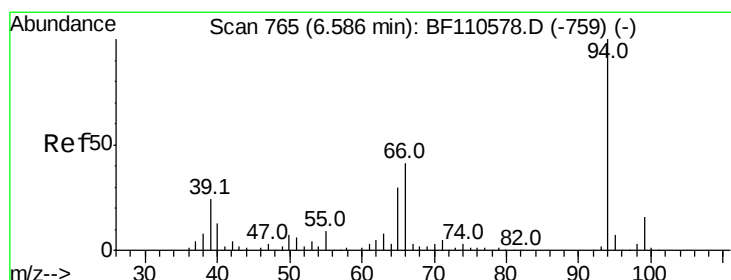
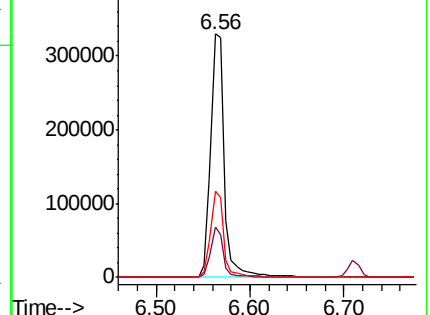
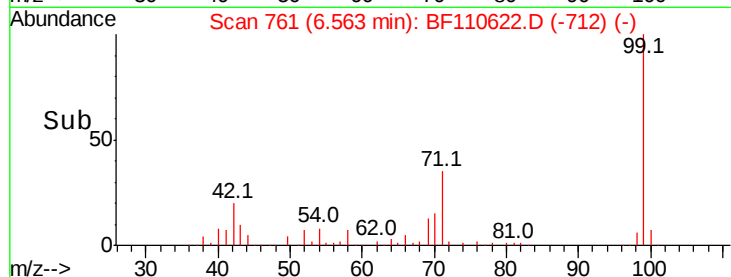
99 100

42 20.4 15.8 23.6

71 35.5 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: 2.887 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110622.D

Acq: 9 Nov 2018 12:46

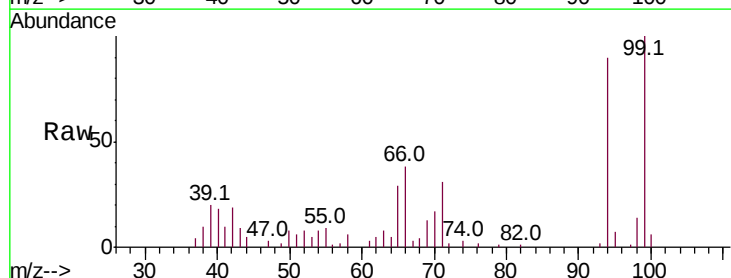
Tgt Ion: 94 Resp: 22914

Ion Ratio Lower Upper

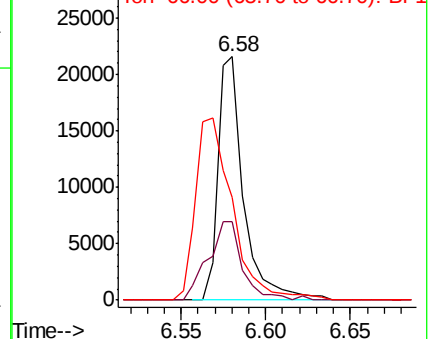
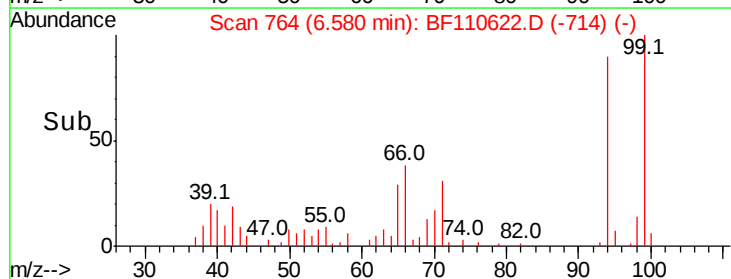
94 100

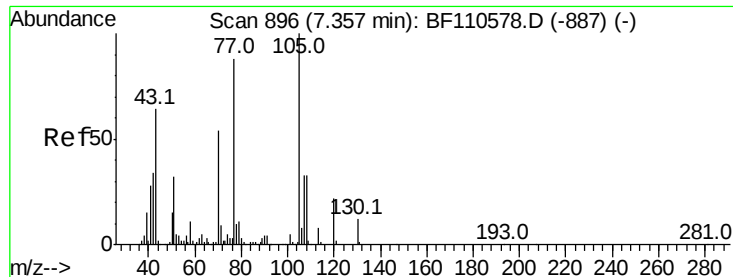
65 32.4 25.3 65.3

66 42.4 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

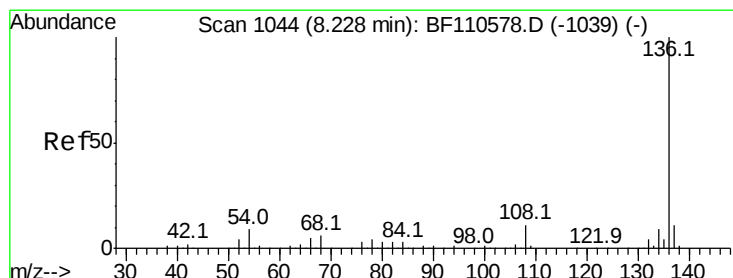
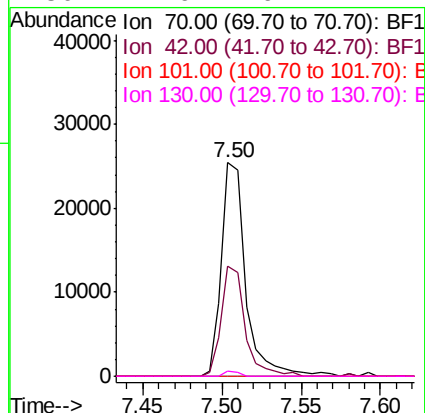
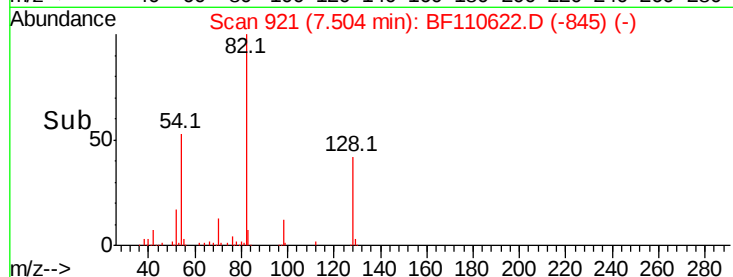
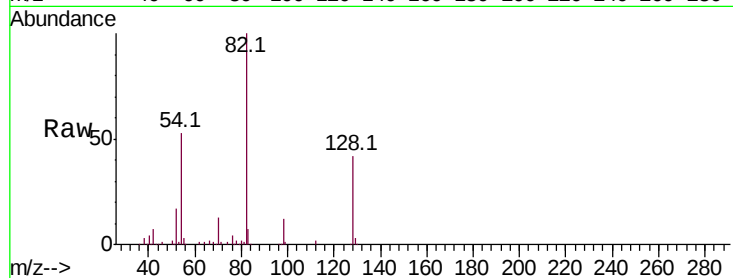




#19
n-Nitroso-di-n-propylamine
Concen: 6.212 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

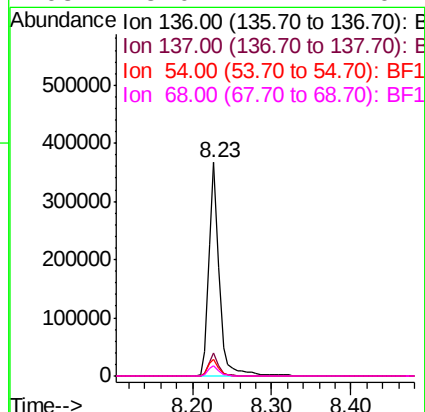
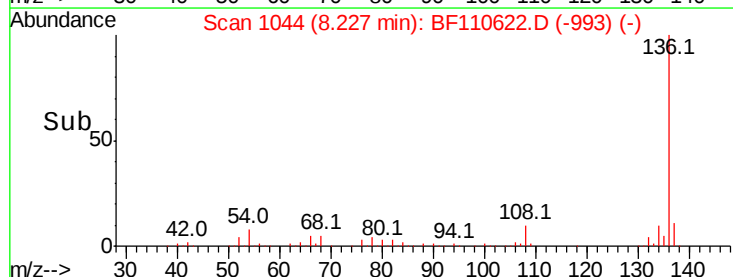
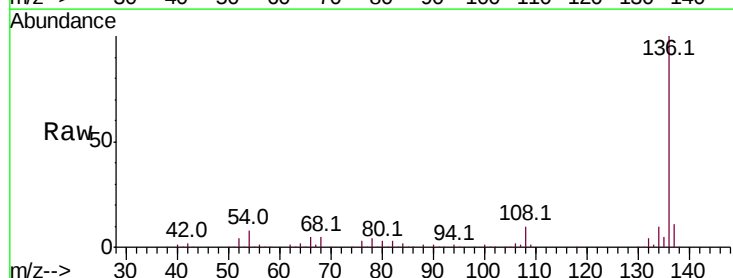
Instrument :
BNA_F
ClientSampleId :

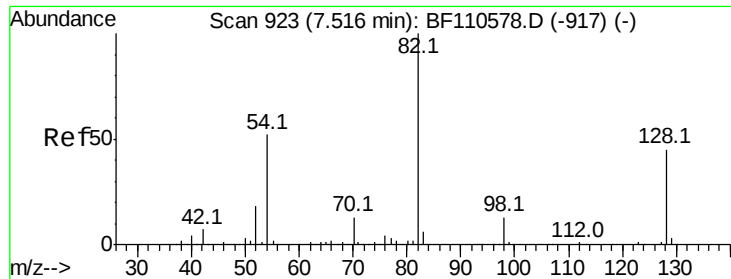
Tot Ion: 70 Resp: 27140
Ion Ratio Lower Upper
70 100
42 51.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.6 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Tgt Ion:136 Resp: 339995
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 5.4 8.2
68 5.0 4.2 6.2

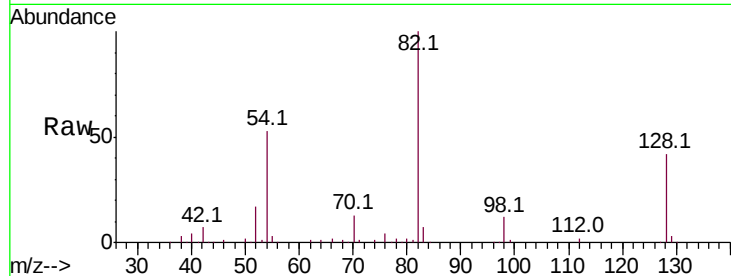




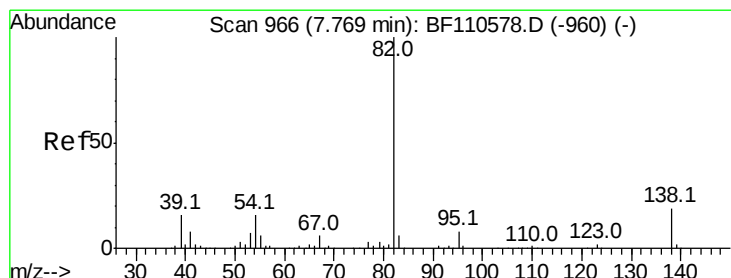
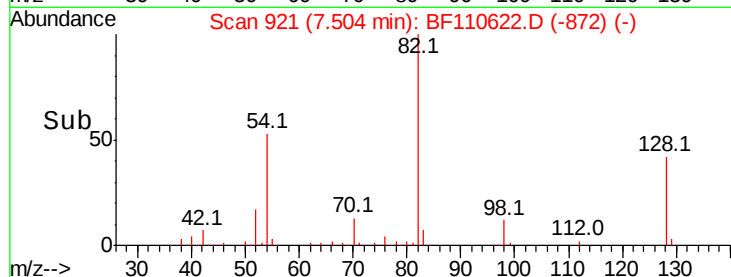
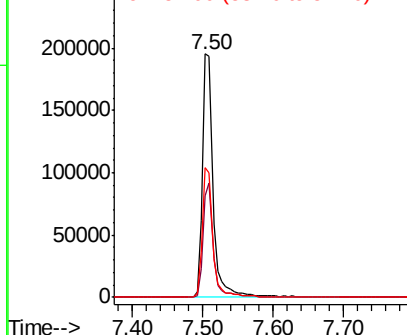
#23
Nitrobenzene-d5
Concen: 35.473 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 209427
Ion Ratio Lower Upper
82 100
128 41.7 34.2 51.2
54 53.3 38.6 58.0

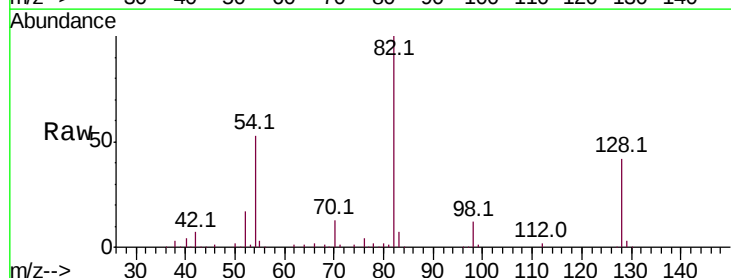


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

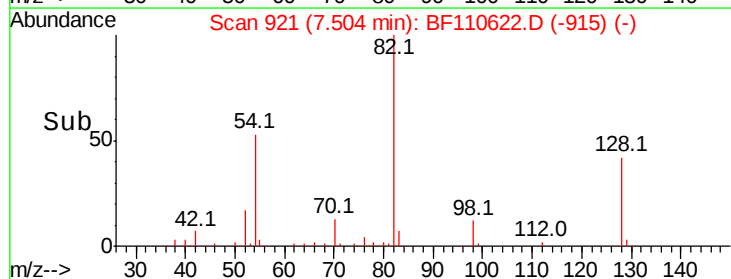
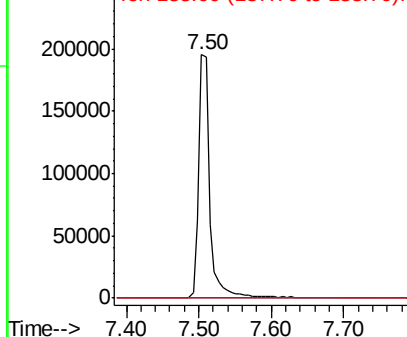


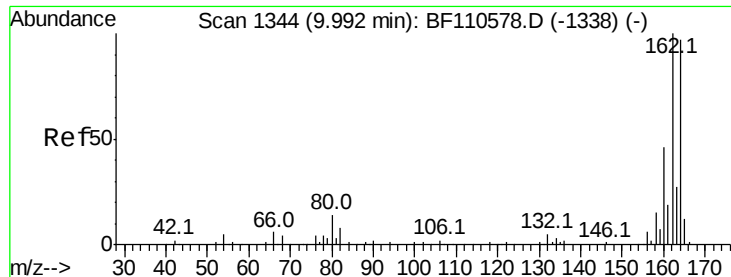
#25
Isophorone
Concen: 21.643 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Tgt Ion: 82 Resp: 209426
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

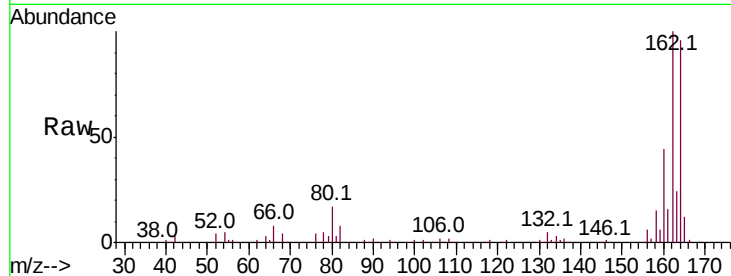




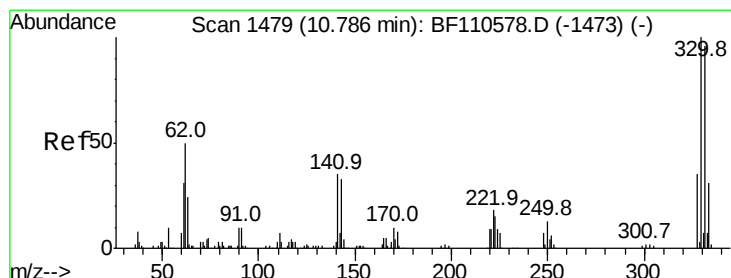
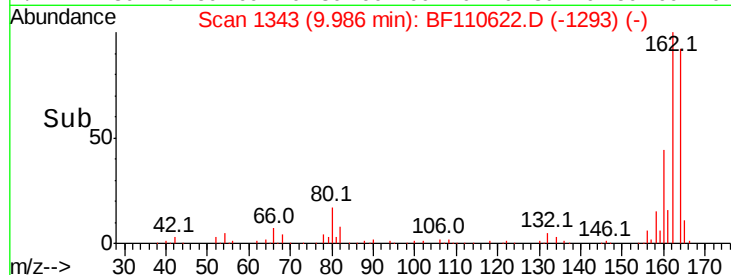
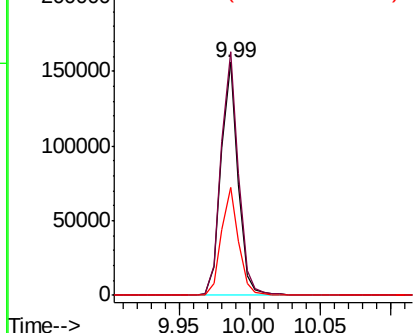
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 131520
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.6
160 46.2 37.0 55.6

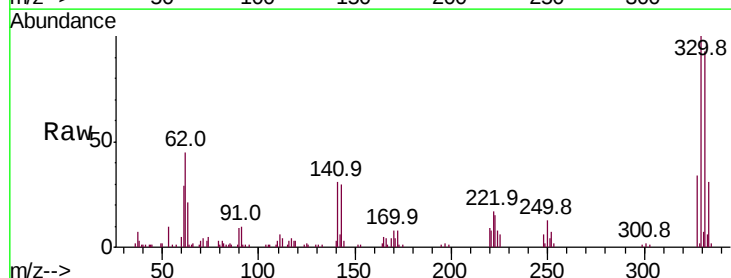


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

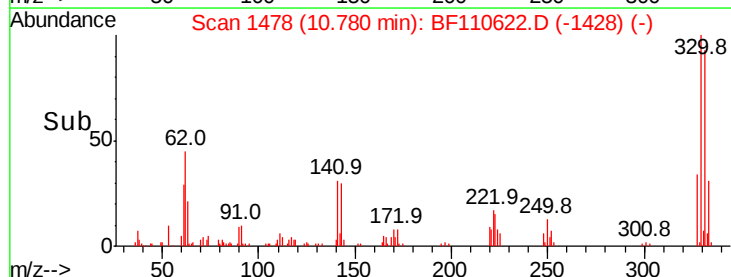
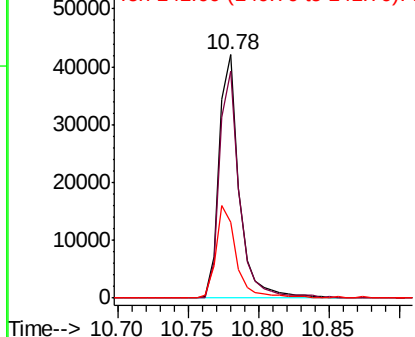


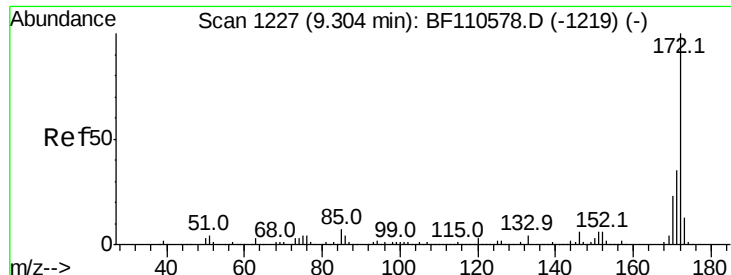
#42
2,4,6-Tribromophenol
Concen: 31.601 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Tgt Ion:330 Resp: 41879
Ion Ratio Lower Upper
330 100
332 93.4 77.1 115.7
141 38.8 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

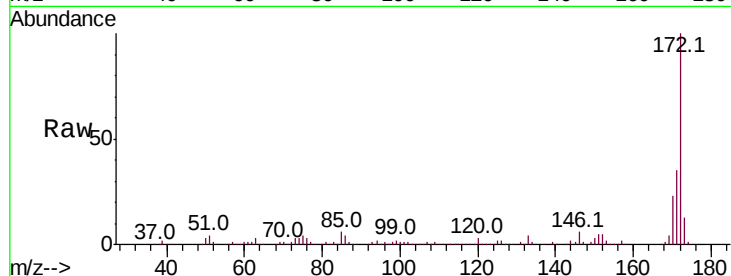




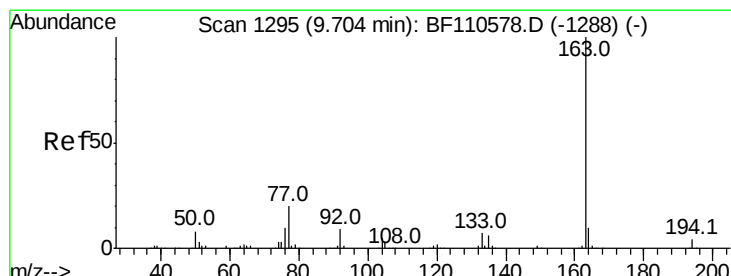
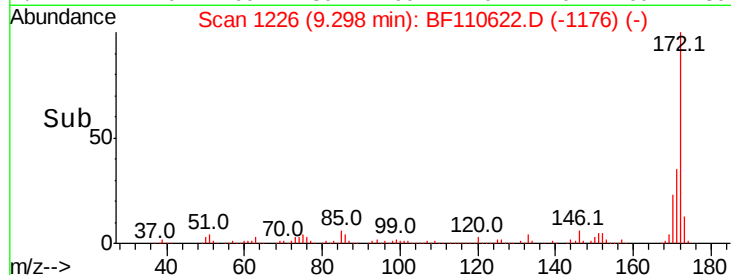
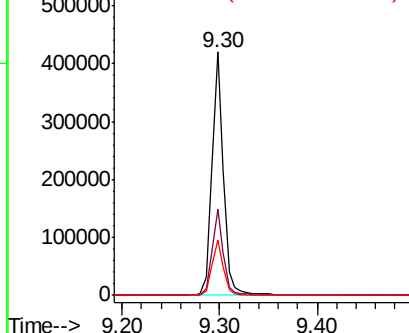
#45
2-Fluorobiphenyl
Concen: 37.186 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 342442
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 22.9 19.7 29.5

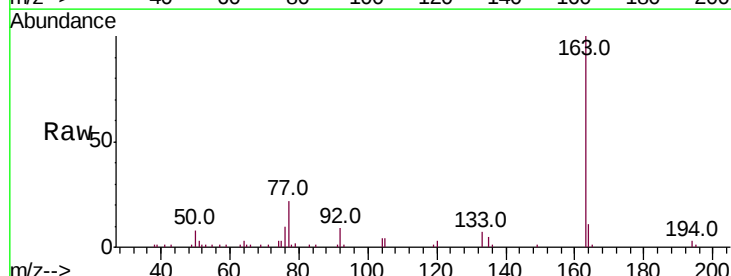


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

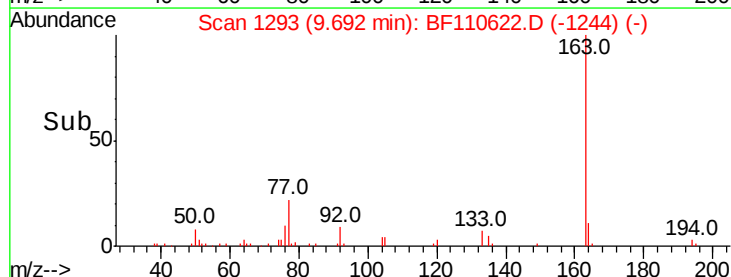
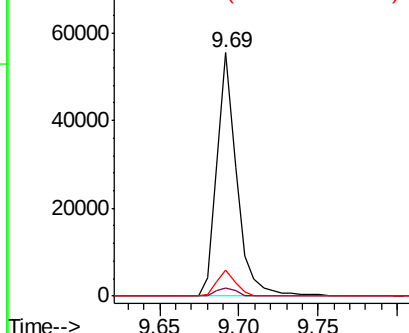


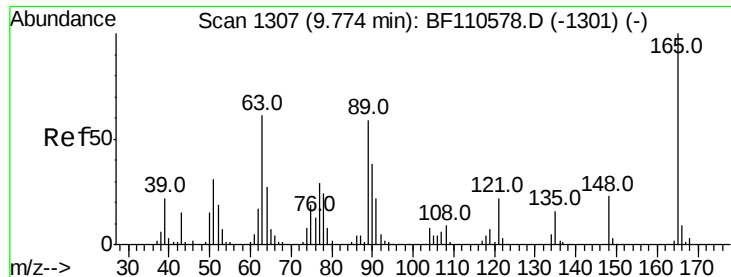
#50
Dimethylphthalate
Concen: 4.932 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Tgt Ion:163 Resp: 48404
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.6 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

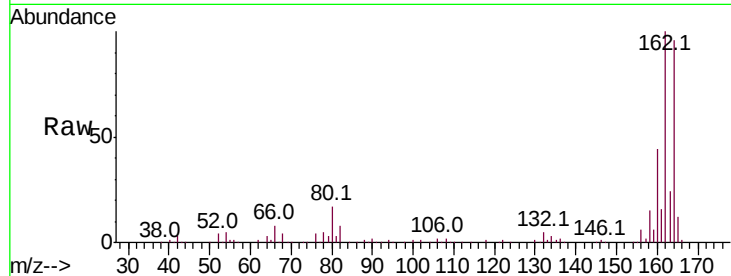




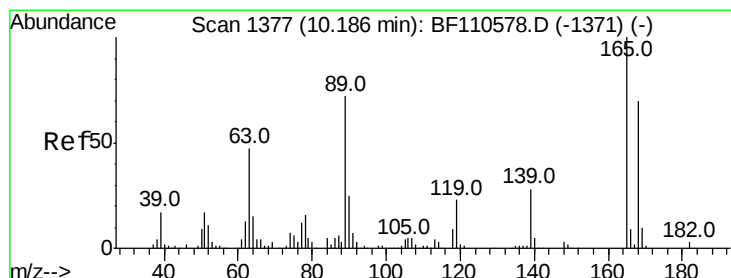
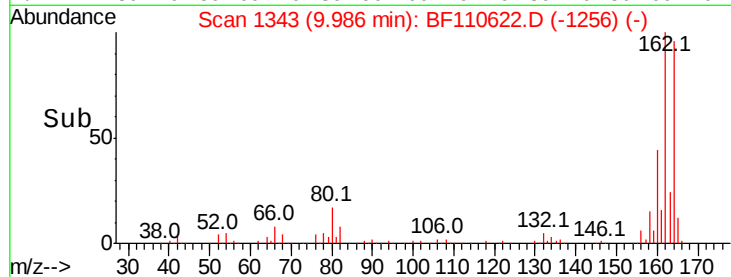
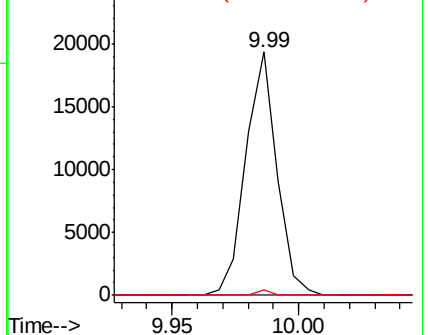
#51
 2,6-Dinitrotoluene
 Concen: 7.644 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110622.D
 Acq: 9 Nov 2018 12:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.2	46.6	69.8#



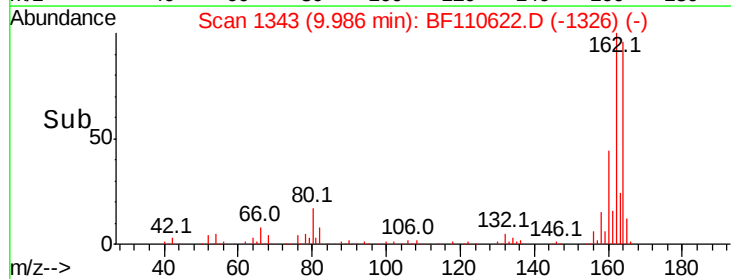
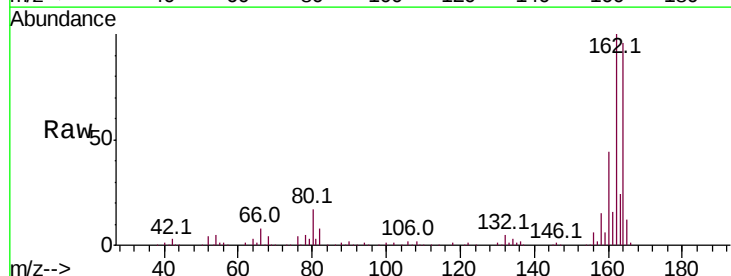
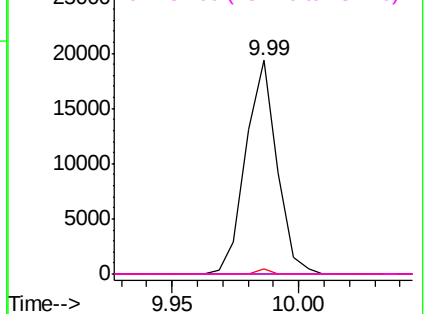
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

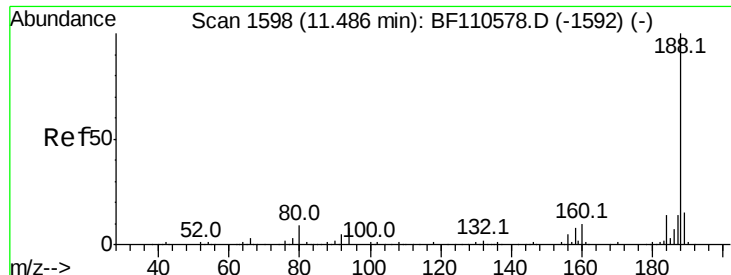


#57
 2,4-Dinitrotoluene
 Concen: 5.879 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110622.D
 Acq: 9 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.2	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

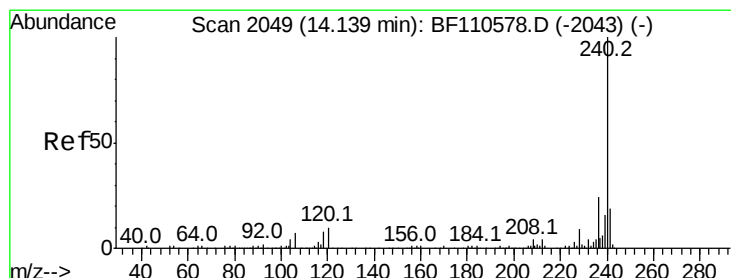
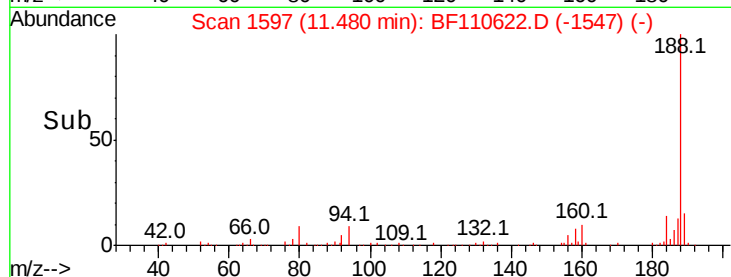
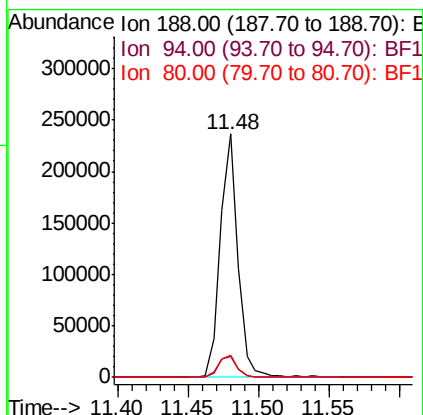
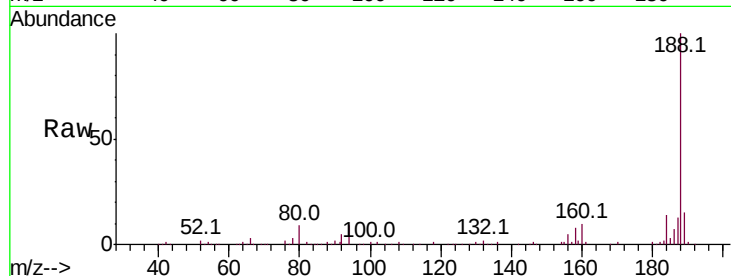




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

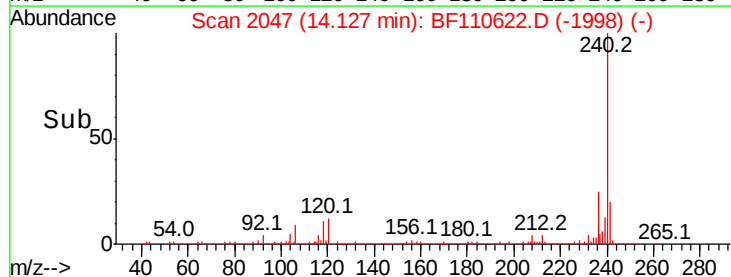
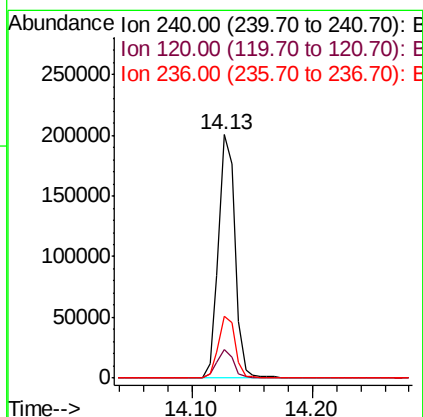
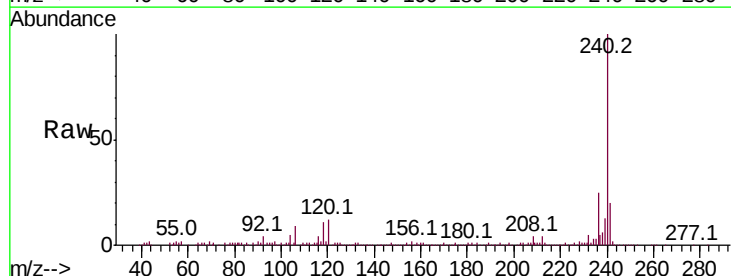
Instrument :
BNA_F
ClientSampleId :

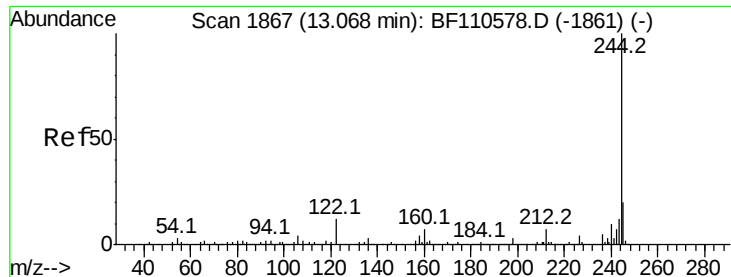
Tot Ion:188 Resp: 206614
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110622.D
Acq: 9 Nov 2018 12:46

Tgt Ion:240 Resp: 189722
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 24.332 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110622.D

Acq: 9 Nov 2018 12:46

Instrument :

BNA_F

ClientSampleId :

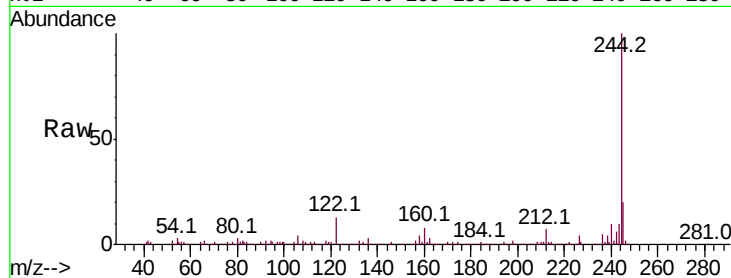
Tot Ion:244 Resp: 246495

Ion Ratio Lower Upper

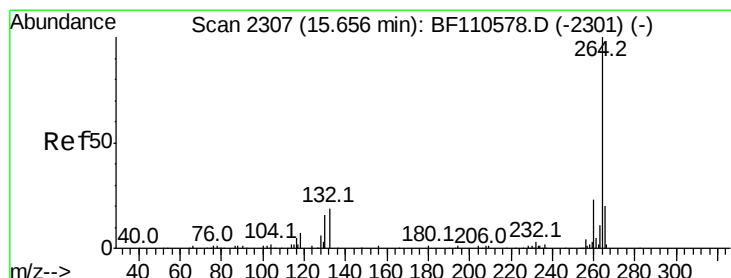
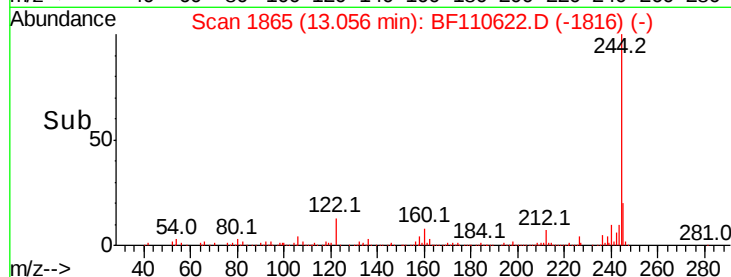
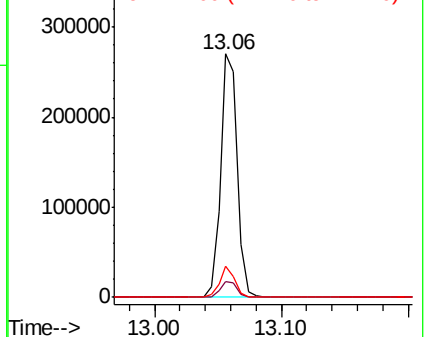
244 100

212 6.7 5.8 8.8

122 12.8 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: BF110622.D

Acq: 9 Nov 2018 12:46

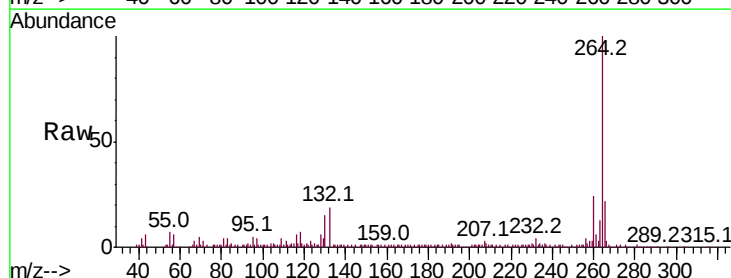
Tgt Ion:264 Resp: 130276

Ion Ratio Lower Upper

264 100

260 24.4 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

