

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112120.D
 Acq On : 18 Jan 2019 11:58
 Operator : JU/SJ
 Sample : K1157-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519

Quant Time: Jan 18 14:17:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	280804	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1082870	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	514009	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	900662	20.00	ng	0.00
76) Chrysene-d12	14.02	240	629172	20.00	ng	-0.01
87) Perylene-d12	15.49	264	661957	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1351856	87.38	ng	0.00
7) Phenol-d6	6.50	99	1680562	86.82	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1039234	66.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	466240	84.08	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2108129	60.13	ng	-0.01
79) Terphenyl-d14	12.96	244	1747871	59.10	ng	-0.01

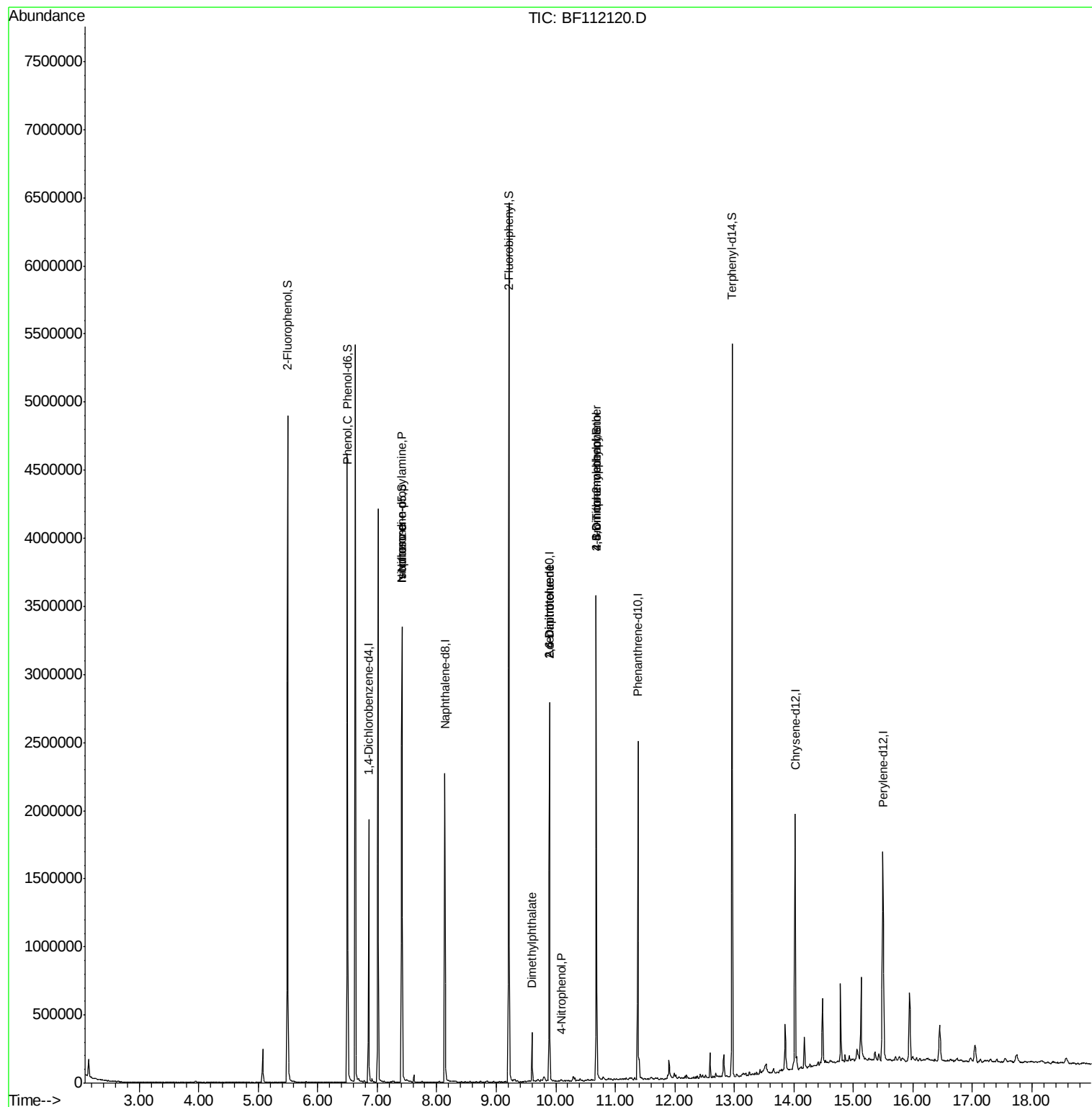
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	3384	Below Cal		# 1
10) Phenol	6.51	94	81822	3.868	ng	# 80
19) n-Nitroso-di-n-propylamine	7.42	70	137684	11.676	ng	# 76
25) Isophorone	7.42	82	1039328	34.331	ng	# 64
50) Dimethylphthalate	9.60	163	143805	3.836	ng	# 97
51) 2,6-Dinitrotoluene	9.89	165	66419	8.872	ng	# 34
56) 4-Nitrophenol	10.10	139	646	5.755	ng	# 58
57) 2,4-Dinitrotoluene	9.89	165	66419	10.834	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.68	198	944	10.268	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	26355	2.519	ng	# 1

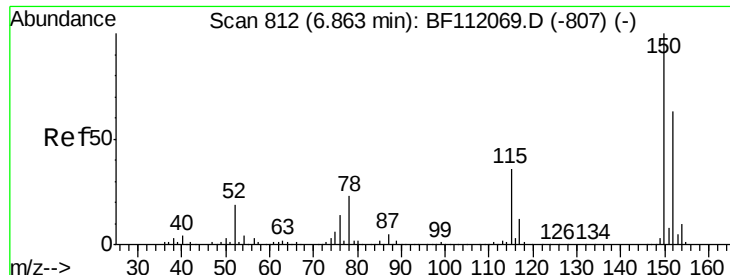
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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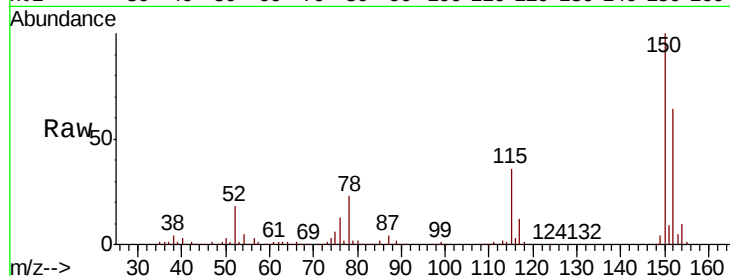




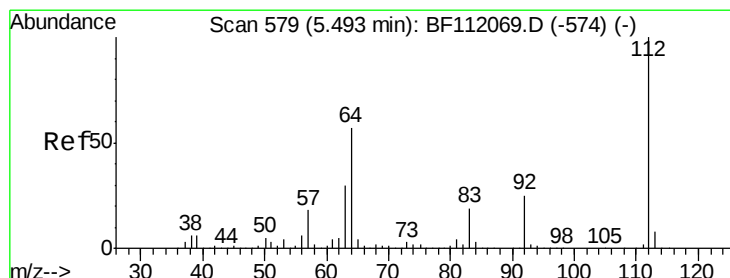
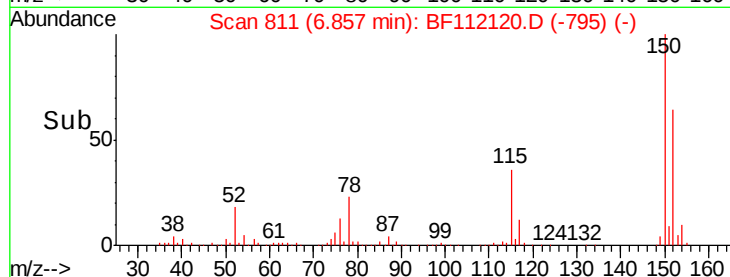
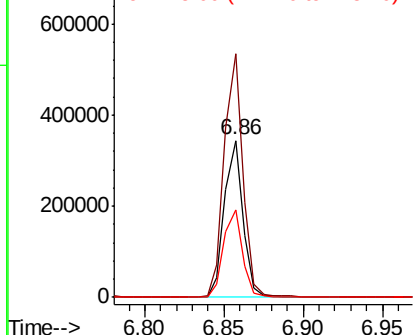
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112120.D
 Acq: 18 Jan 2019 11:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519

Tot Ion:152 Resp: 280804
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.0
 115 55.8 45.5 68.3

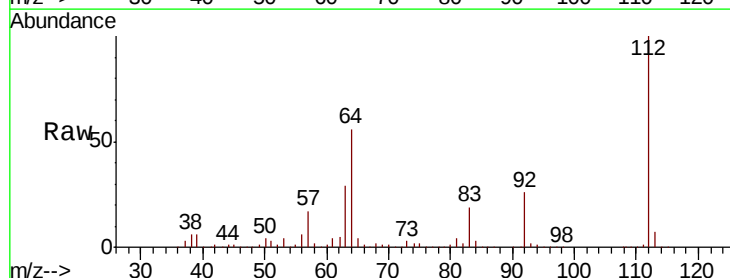


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

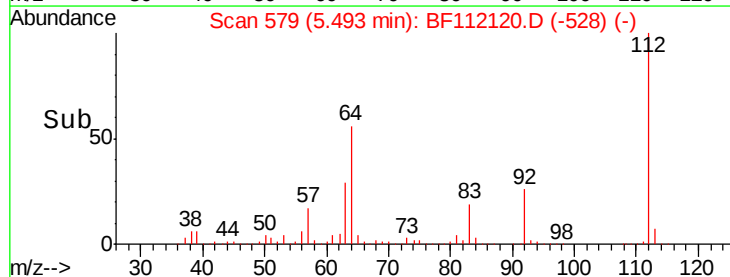
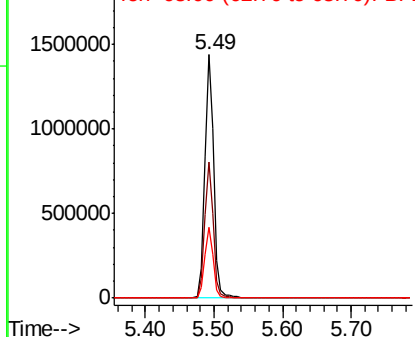


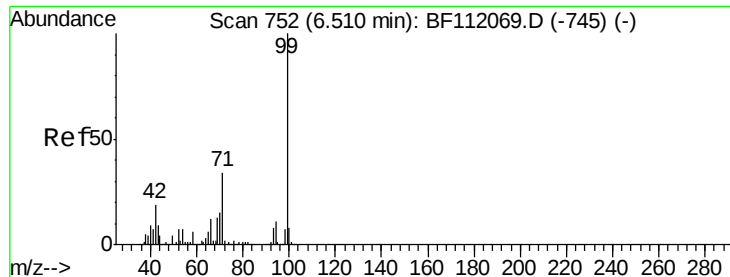
#5
 2-Fluorophenol
 Concen: 87.380 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF112120.D
 Acq: 18 Jan 2019 11:58

Tgt Ion:112 Resp: 1351856
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.7 68.5
 63 29.2 23.6 35.4



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: 86.821 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

Instrument :

BNA_F

ClientSampleId :

WC-07-011519

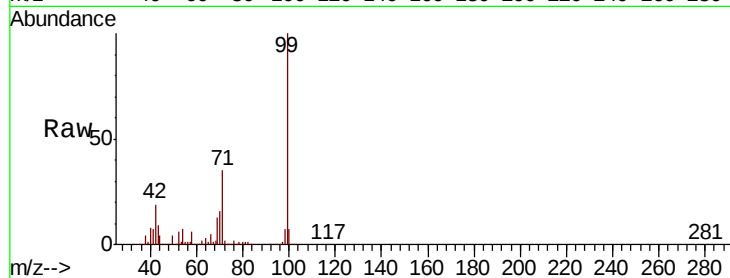
Tot Ion: 99 Resp: 1680562

Ion Ratio Lower Upper

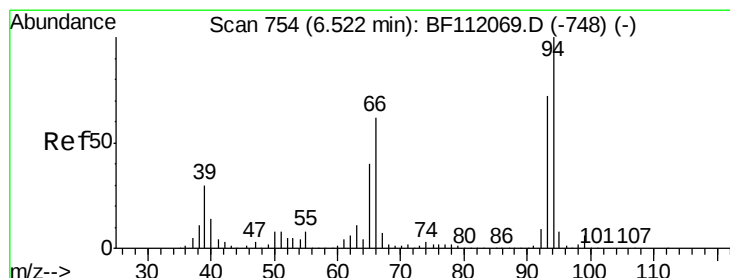
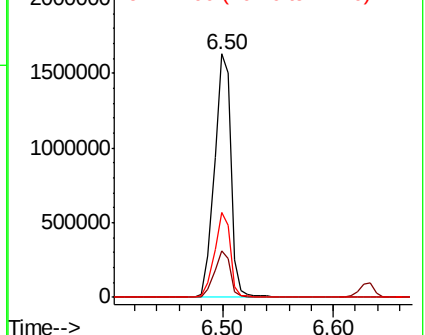
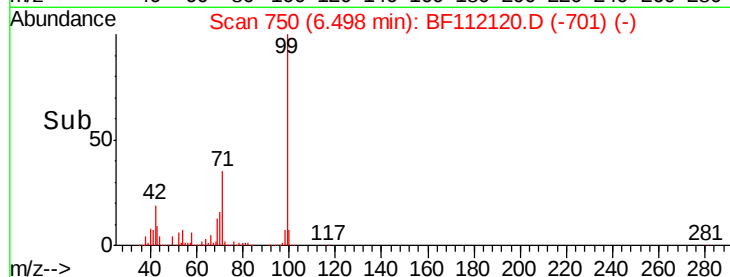
99 100

42 19.3 15.1 22.7

71 34.7 26.9 40.3



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: 3.868 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

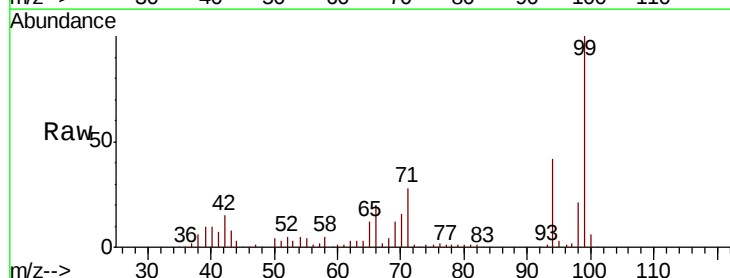
Tgt Ion: 94 Resp: 81822

Ion Ratio Lower Upper

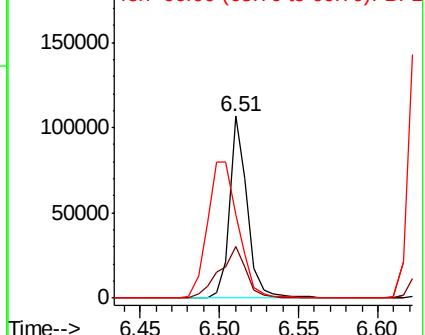
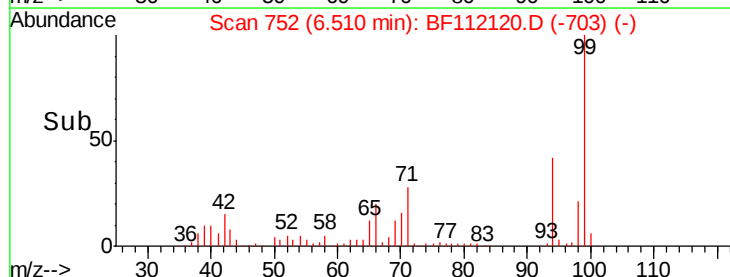
94 100

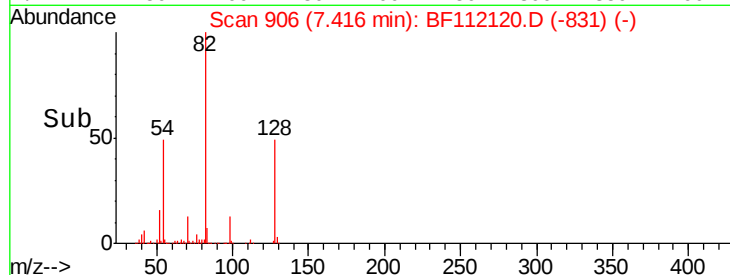
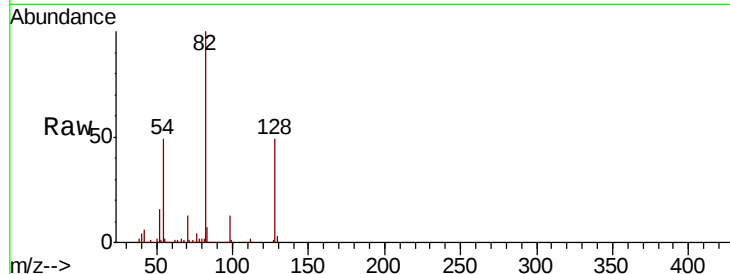
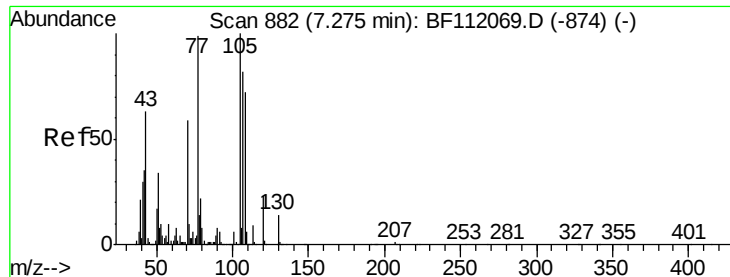
65 28.7 20.3 60.3

66 46.1 42.4 82.4



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

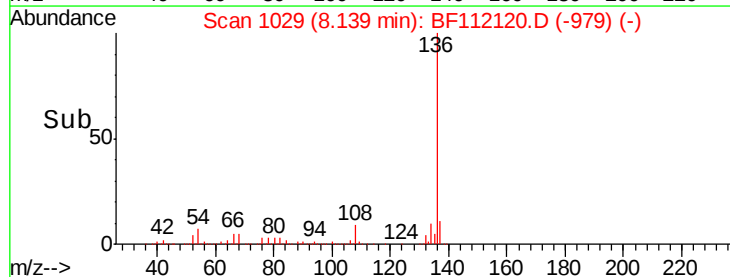
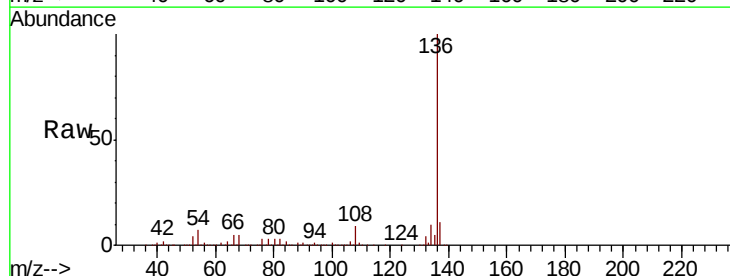
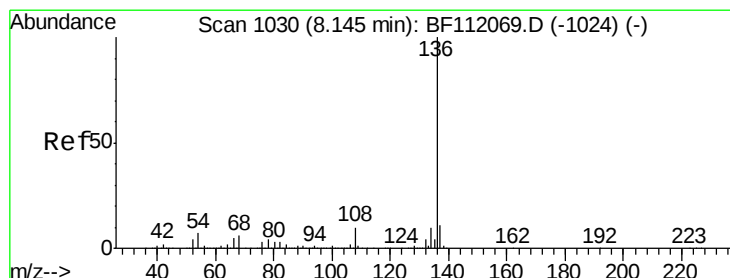
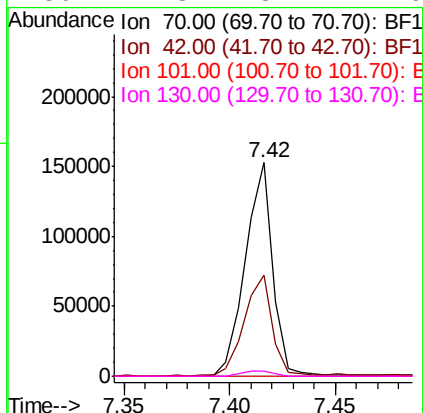




#19
n-Nitroso-di-n-propylamine
Concen: 11.676 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

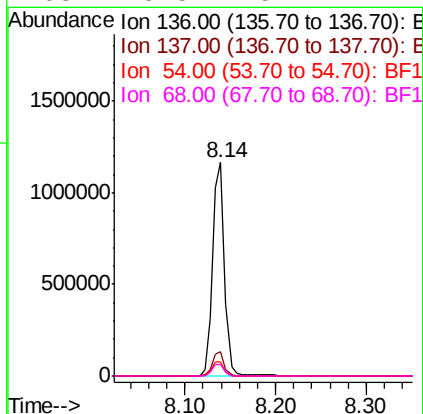
Instrument :
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WC-07-011519

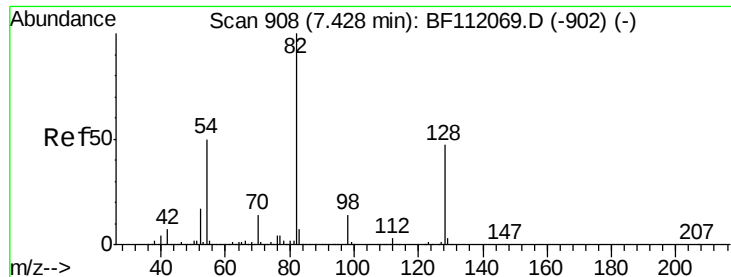
Tot Ion:	70	Resp:	137684
Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

Tgt Ion:	136	Resp:	1082870
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	5.9	8.9
68	5.5	5.1	7.7

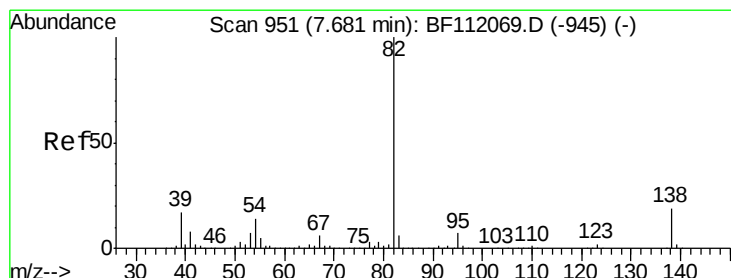
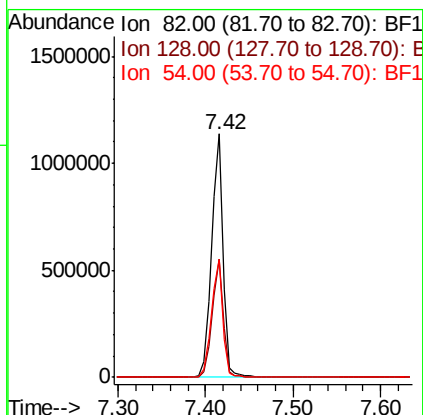
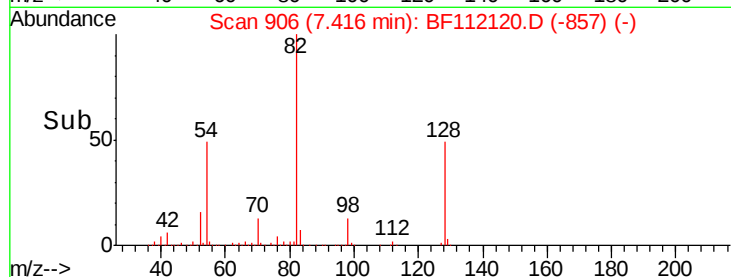
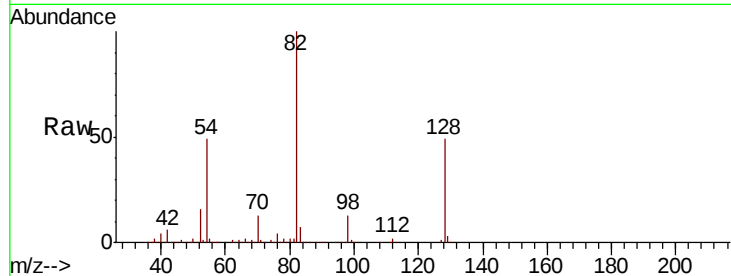




#23
 Nitrobenzene-d5
 Concen: 66.305 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112120.D
 Acq: 18 Jan 2019 11:58

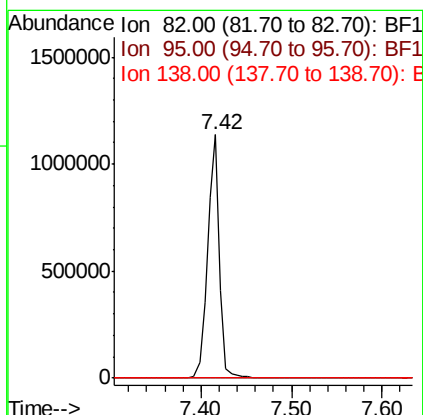
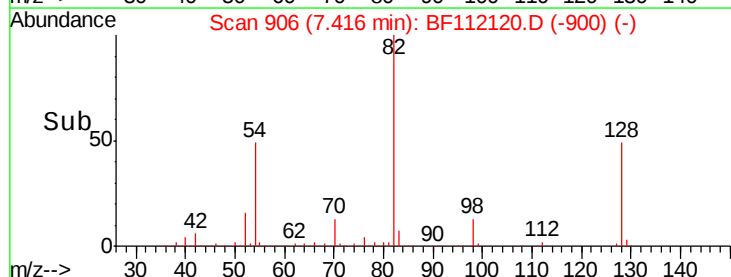
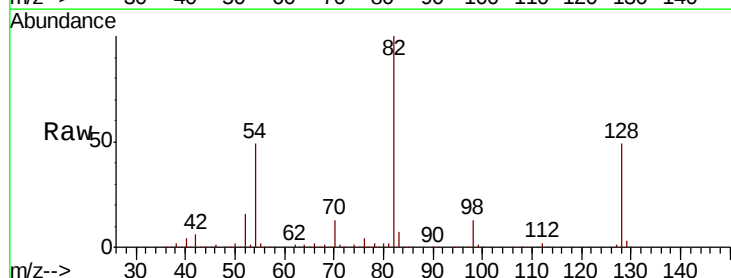
Instrument :
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 WC-07-011519

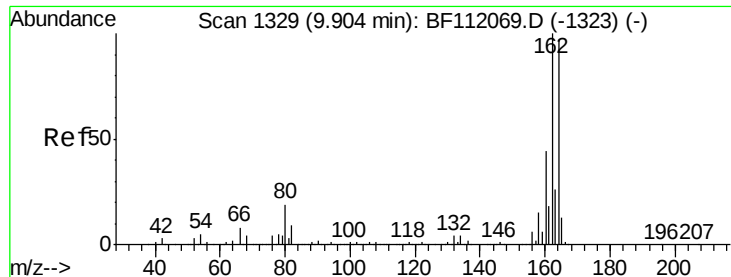
Tot Ion: 82 Resp: 1039234
 Ion Ratio Lower Upper
 82 100
 128 48.5 37.8 56.8
 54 48.7 39.7 59.5



#25
 Isophorone
 Concen: 34.331 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF112120.D
 Acq: 18 Jan 2019 11:58

Tgt Ion: 82 Resp: 1039328
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.7 8.5#
 138 0.0 15.4 23.0#

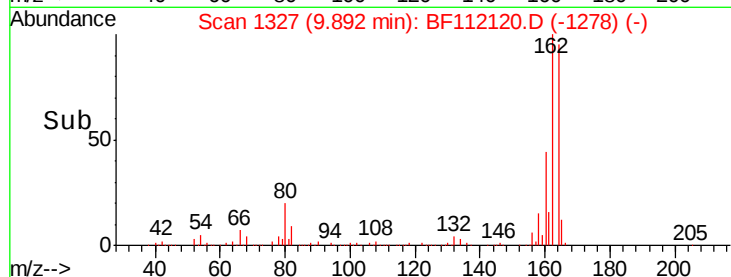
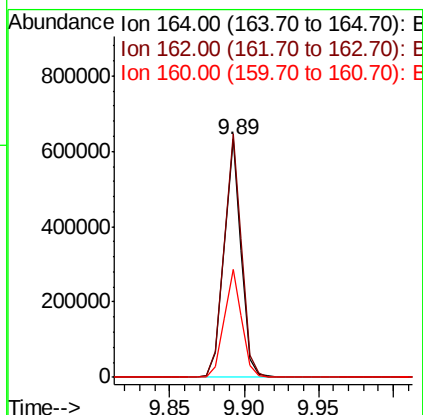
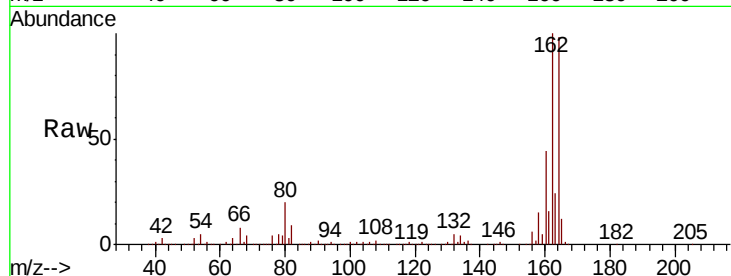




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

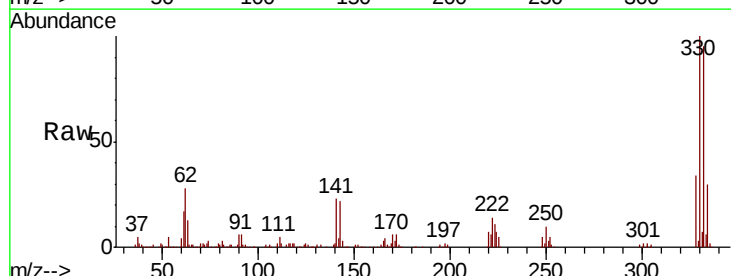
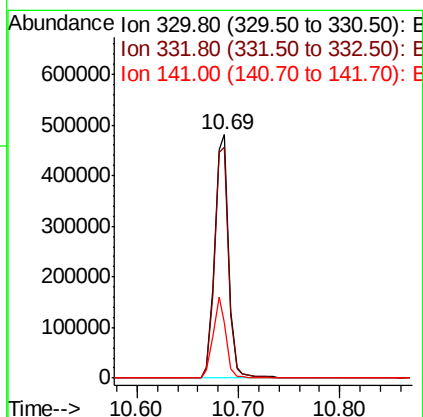
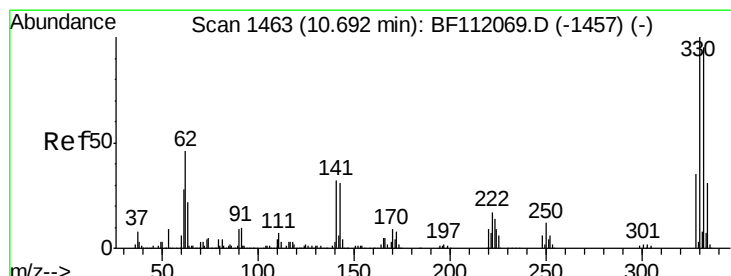
Instrument :
BNA_F
ClientSampleId :
WC-07-011519

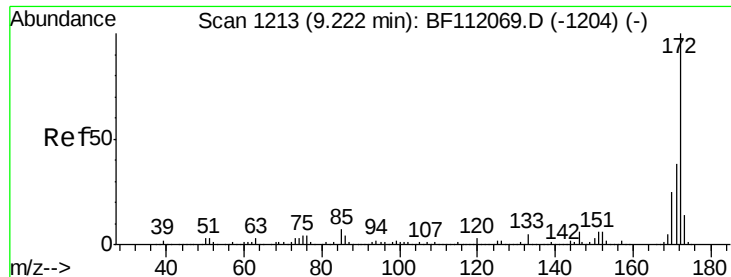
Tot Ion:164 Resp: 514009
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.4
160 45.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 84.083 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

Tgt Ion:330 Resp: 466240
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 30.6 24.3 36.5



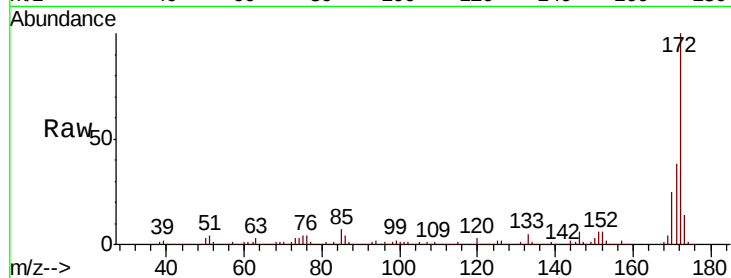


#45
2-Fluorobiphenyl
Concen: 60.130 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

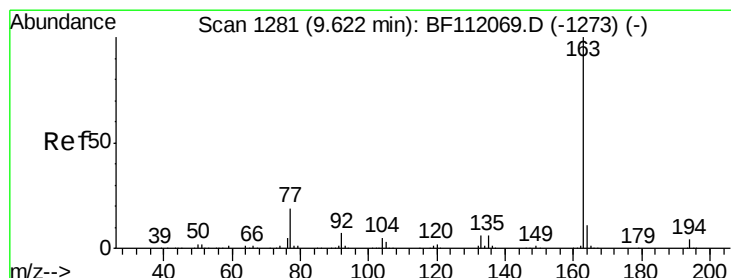
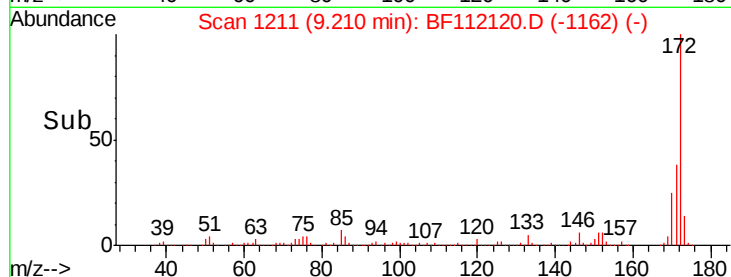
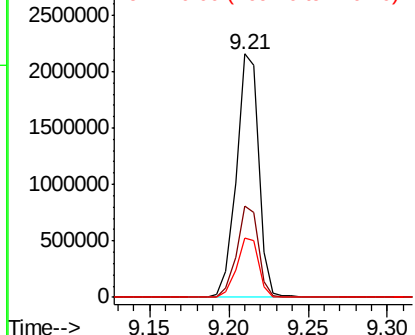
Instrument :
BNA_F
ClientSampleId :
WC-07-011519

Tot Ion:172 Resp: 2108129

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.6	20.2	30.4



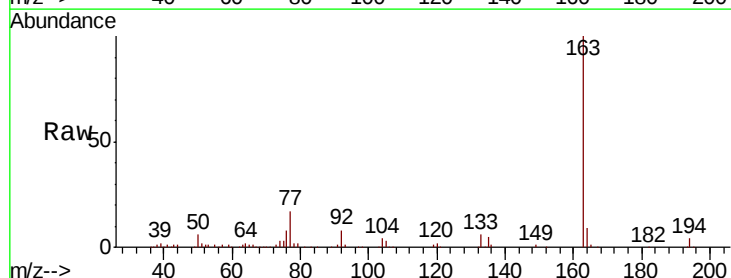
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



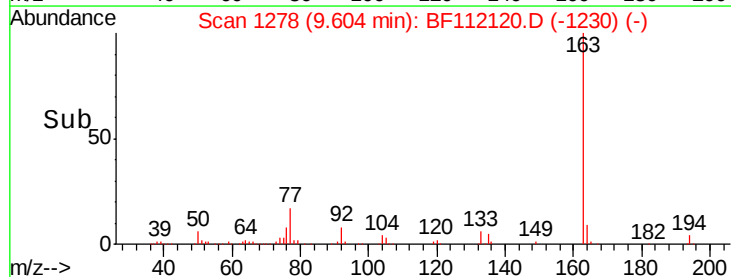
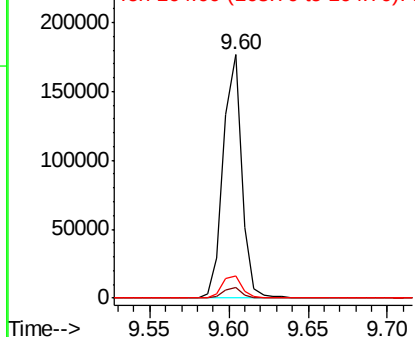
#50
Dimethylphthalate
Concen: 3.836 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

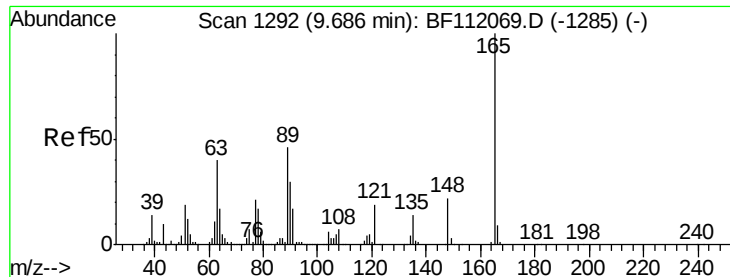
Tgt Ion:163 Resp: 143805

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.3	8.5	12.7



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: 8.872 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

Instrument :

BNA_F

ClientSampleId :

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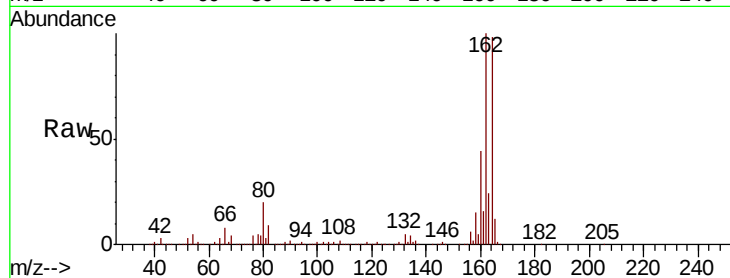
Tot Ion:165 Resp: 66419

Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.8#

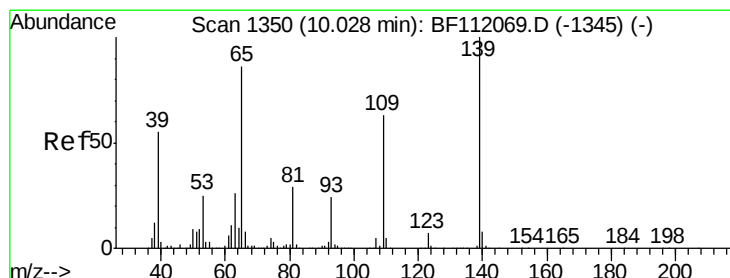
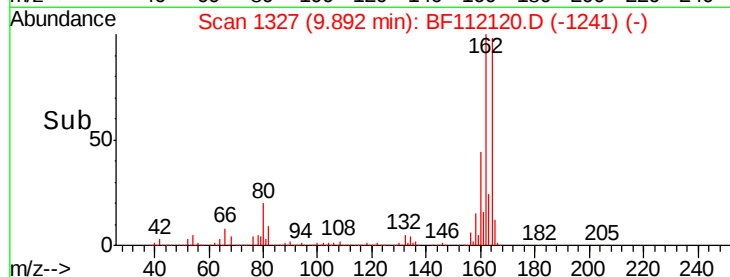
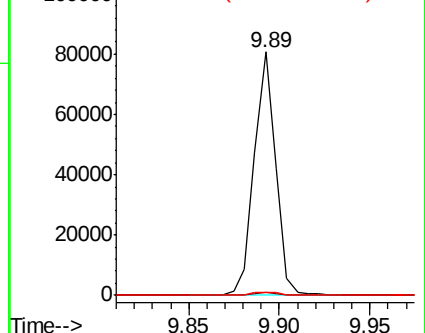
89 1.4 36.9 55.3#



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



#56

4-Nitrophenol

Concen: 5.755 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.07 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

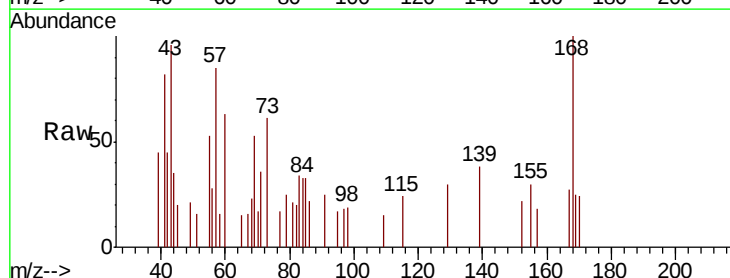
Tgt Ion:139 Resp: 646

Ion Ratio Lower Upper

139 100

109 39.9 42.8 82.8#

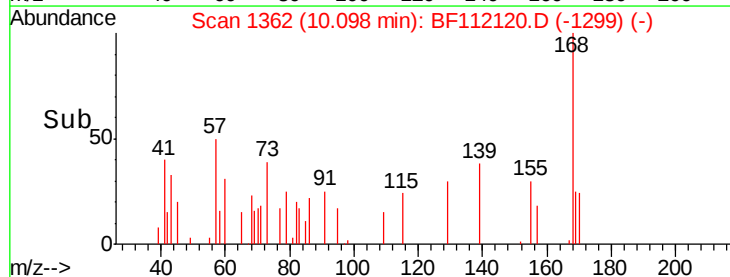
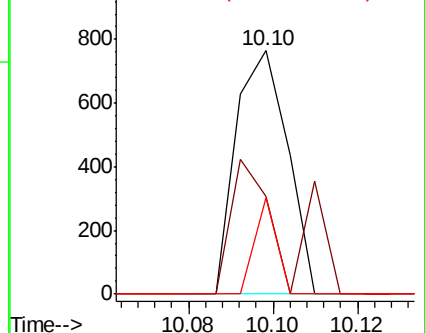
65 39.5 66.1 106.1#

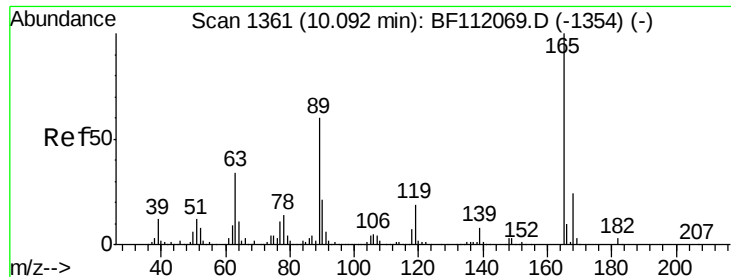


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

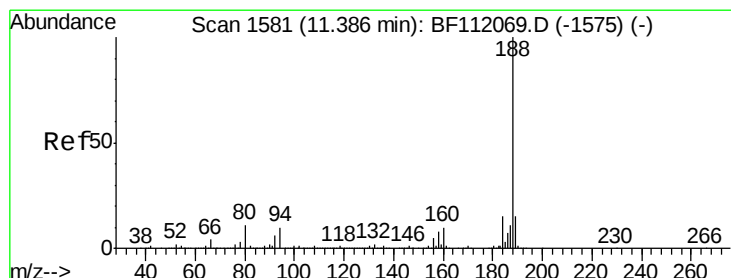
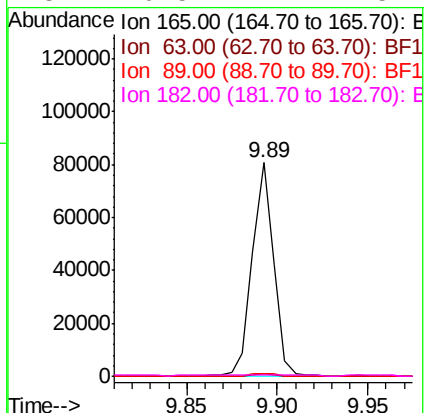
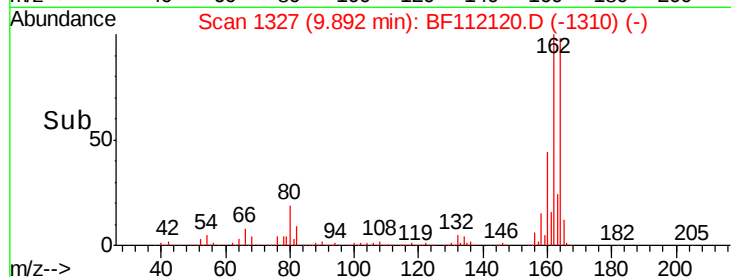
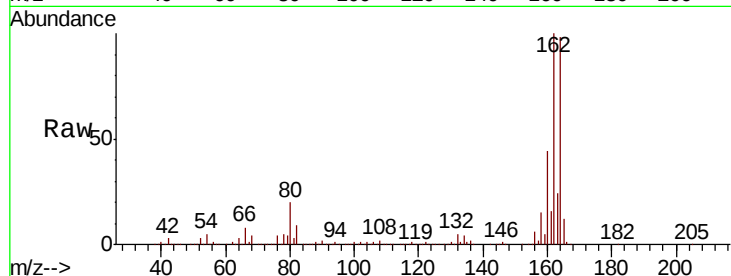




#57
2,4-Dinitrotoluene
Concen: 10.834 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.20 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

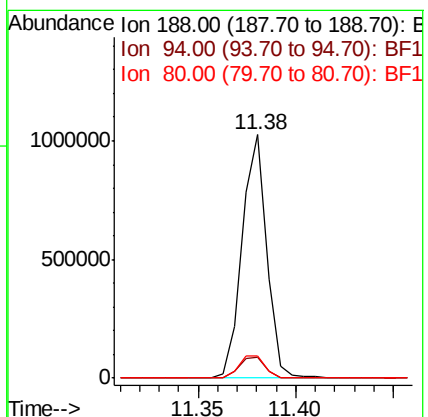
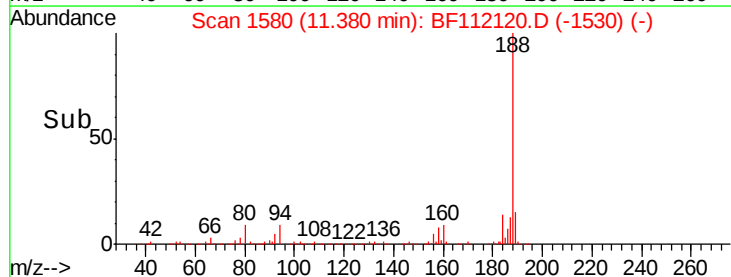
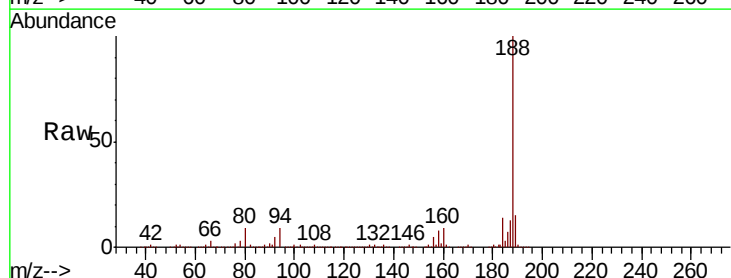
Instrument :
BNA_F
ClientSampleId :
WC-07-011519

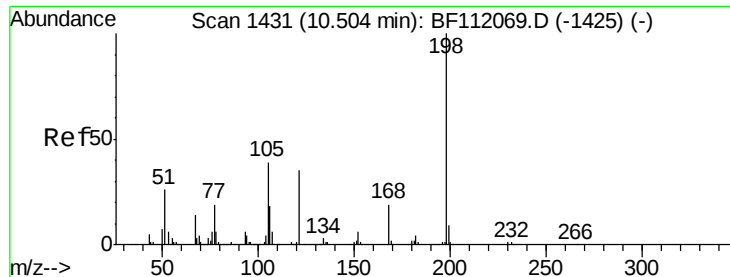
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.4	47.9	71.9#
182	0.5	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.0	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 10.268 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.18 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

Instrument :

BNA_F

ClientSampleId :

WC-07-011519

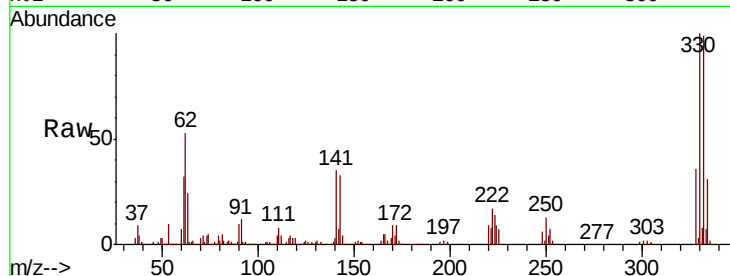
Tot Ion:198 Resp: 944

Ion Ratio Lower Upper

198 100

51 144.5 17.2 57.2#

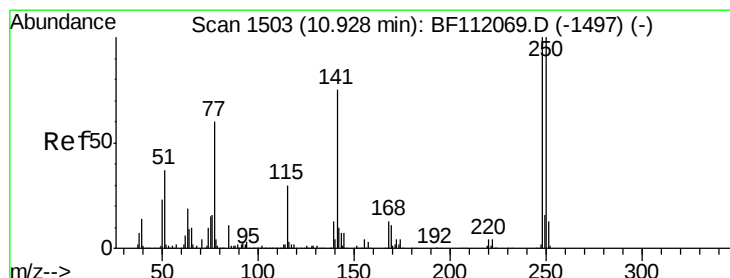
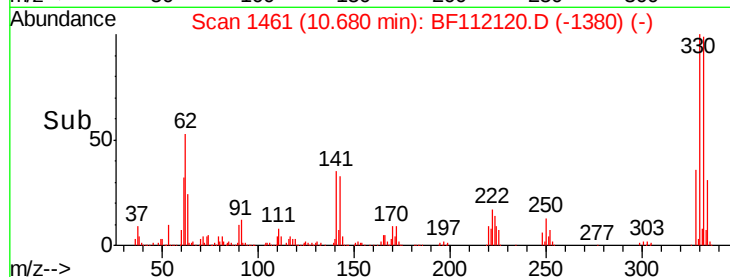
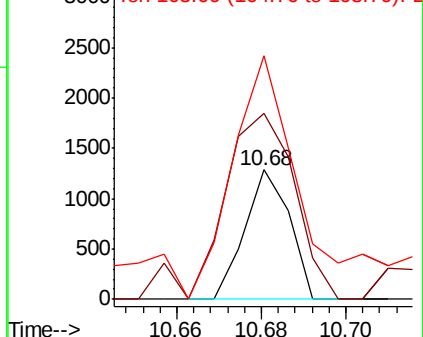
105 188.5 21.9 61.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.519 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

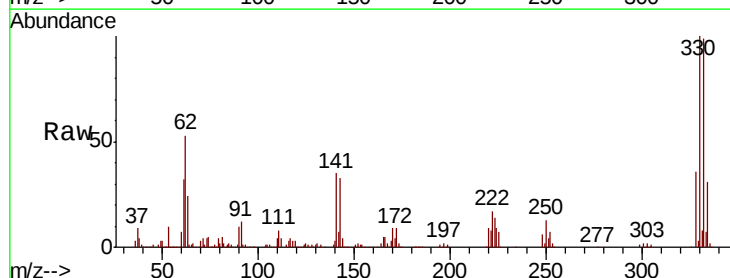
Tgt Ion:248 Resp: 26355

Ion Ratio Lower Upper

248 100

250 208.0 79.7 119.5#

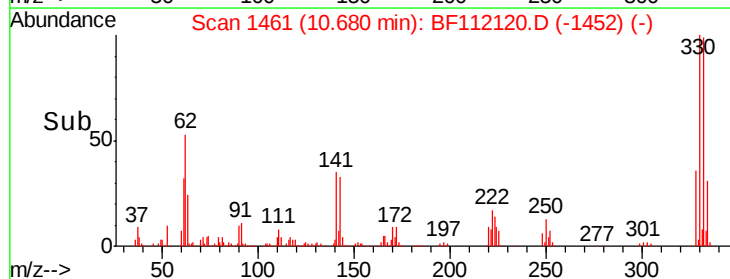
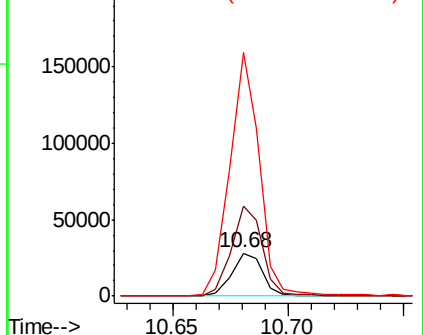
141 565.3 60.3 90.5#

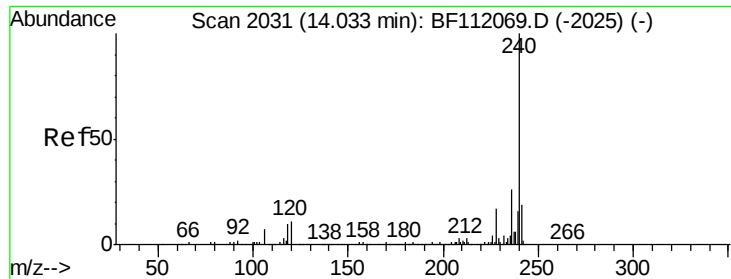


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

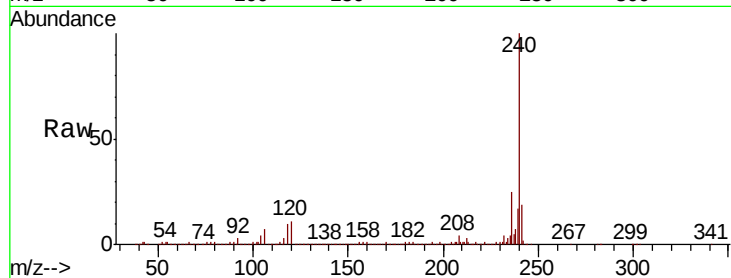




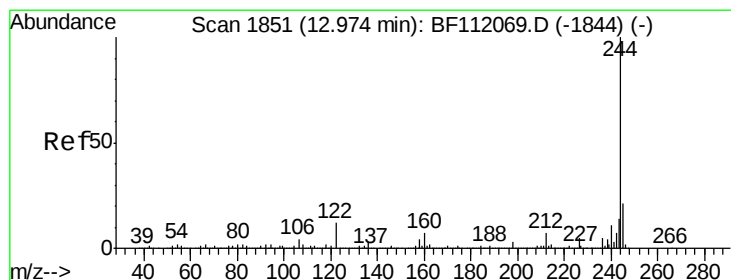
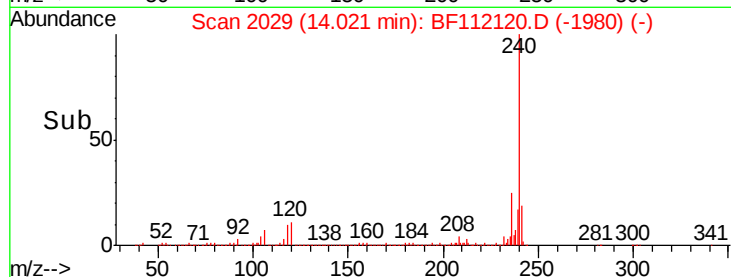
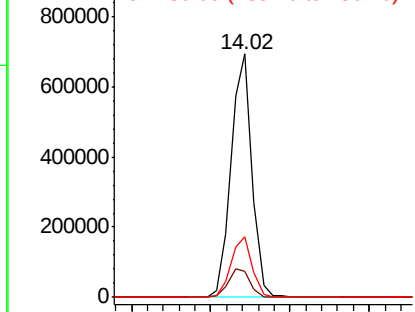
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

Instrument :
BNA_F
ClientSampleId :
WC-07-011519

Tot Ion:240 Resp: 629172
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.0 20.7 31.1

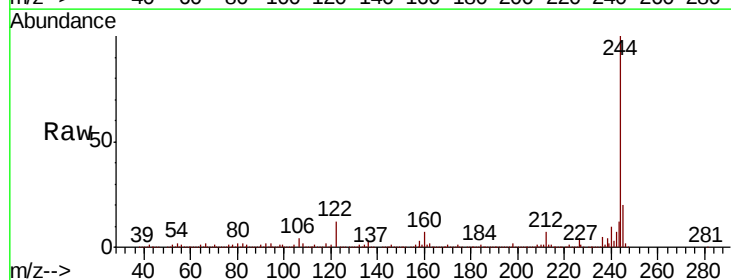


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

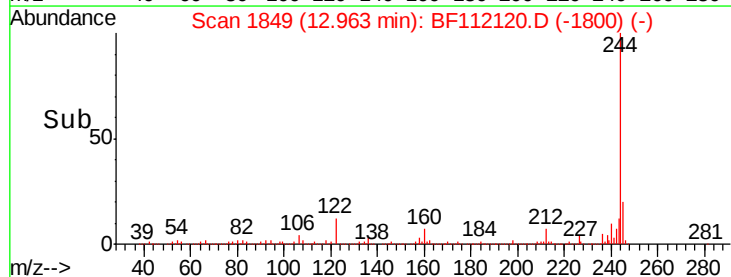
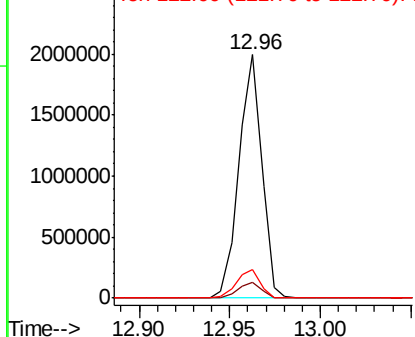


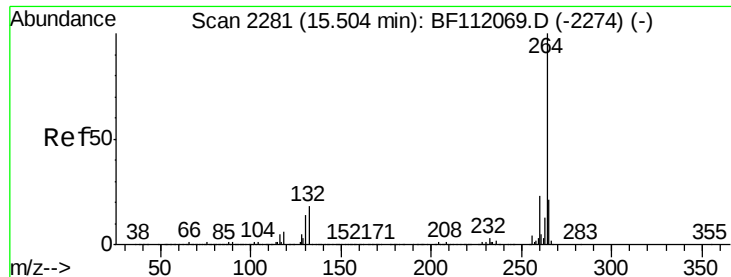
#79
Terphenyl-d14
Concen: 59.100 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

Tgt Ion:244 Resp: 1747871
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.7 9.8 14.6



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

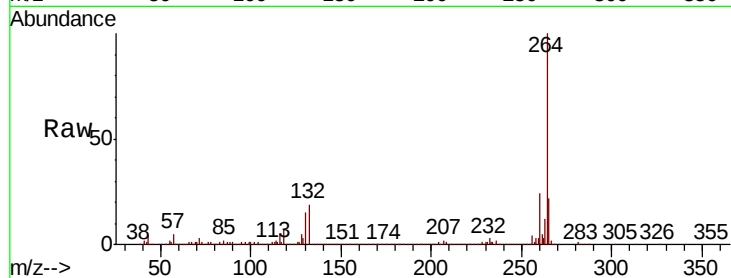




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF112120.D
 Acq: 18 Jan 2019 11:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519

Tot Ion:	264	Resp:	661957
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.6	17.0	25.4



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

