

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112138.D
 Acq On : 18 Jan 2019 21:30
 Operator : JU/SJ
 Sample : K1011-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-B

Quant Time: Jan 18 23:39:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	264023	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	993893	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	490654	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	882373	20.00	ng	0.00
76) Chrysene-d12	14.02	240	614040	20.00	ng	-0.01
87) Perylene-d12	15.49	264	614716	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1622179	111.52	ng	0.01
7) Phenol-d6	6.50	99	1822595	100.14	ng	0.00
23) Nitrobenzene-d5	7.42	82	1470225	102.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	720191	136.06	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2813969	84.08	ng	0.00
79) Terphenyl-d14	12.96	244	2646287	91.68	ng	0.00

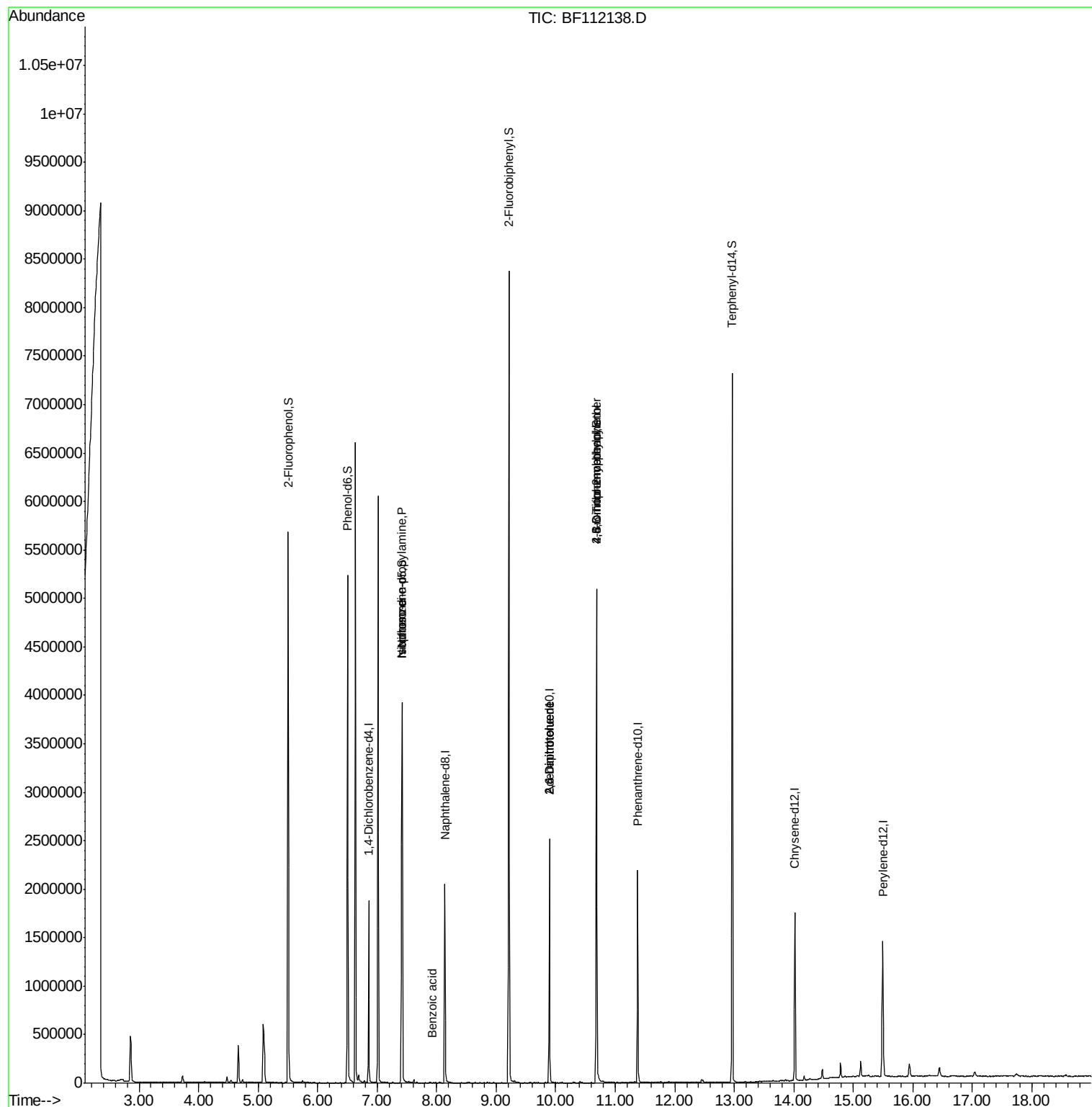
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	3120	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	200162	18.053	ng	# 78
25) Isophorone	7.42	82	1452244	52.265	ng	# 64
32) Benzoic acid	7.93	122	381	7.239	ng	# 61
51) 2,6-Dinitrotoluene	9.89	165	61500	8.606	ng	# 34
57) 2,4-Dinitrotoluene	9.89	165	61500	10.646	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.69	198	1332	10.356	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	42878	4.184	ng	# 1

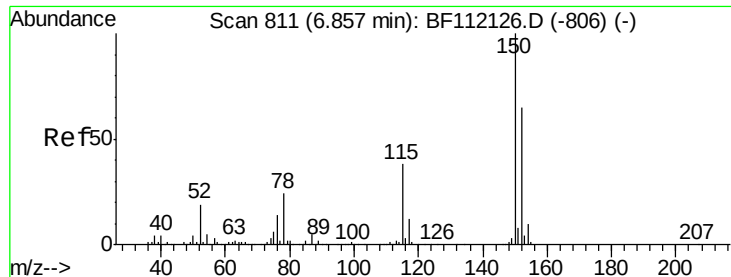
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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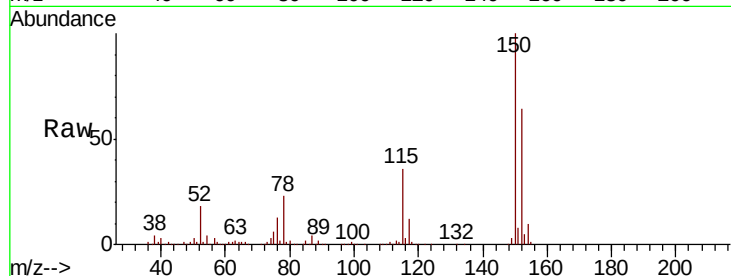


#1

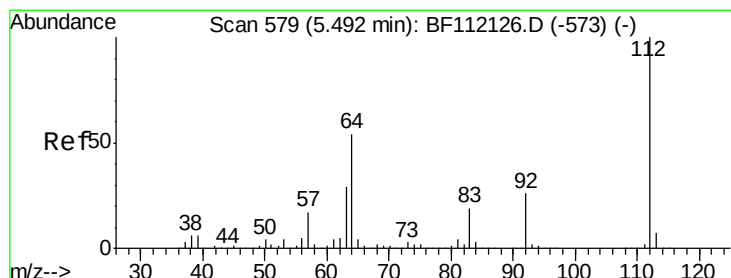
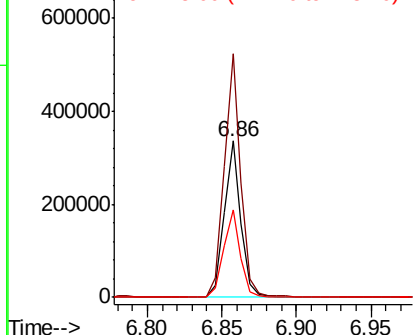
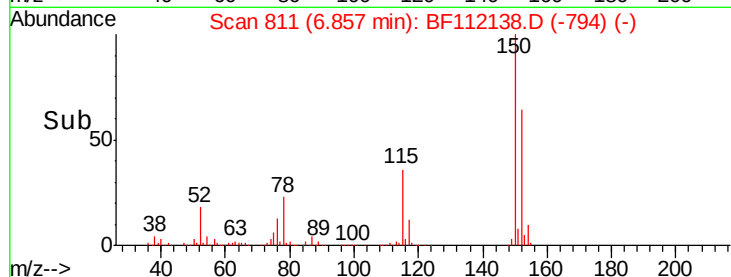
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-B

Tgt Ion:152 Resp: 264023
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 55.9 45.5 68.3



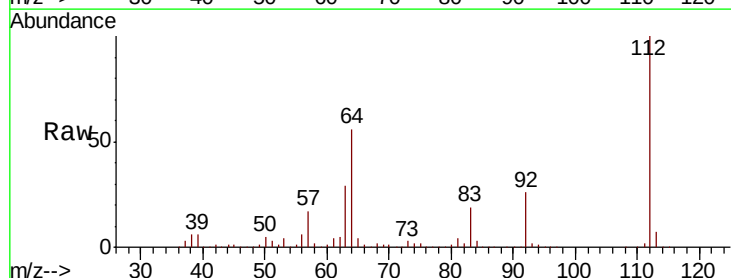
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



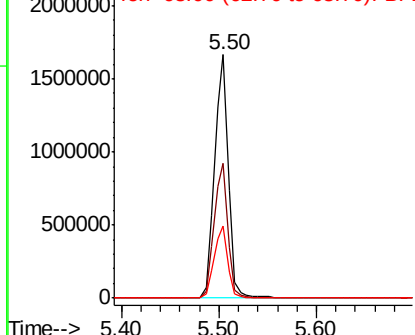
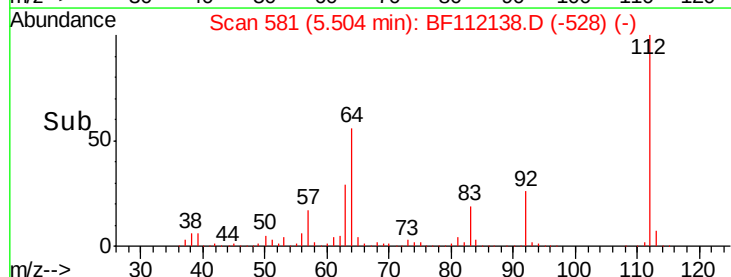
#5

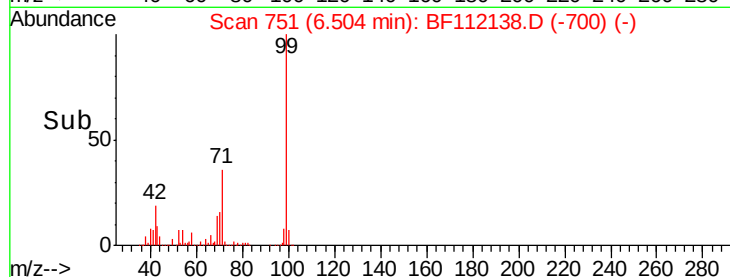
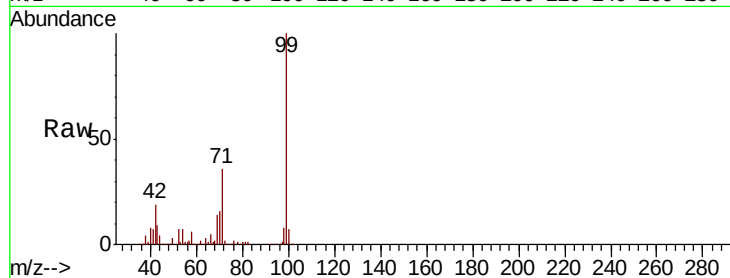
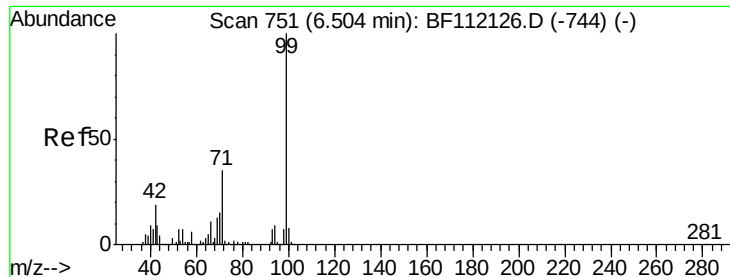
2-Fluorophenol
Concen: 111.517 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

Tgt Ion:112 Resp: 1622179
Ion Ratio Lower Upper
112 100
64 55.5 45.7 68.5
63 29.4 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: 100.144 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112138.D

Acq: 18 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-B

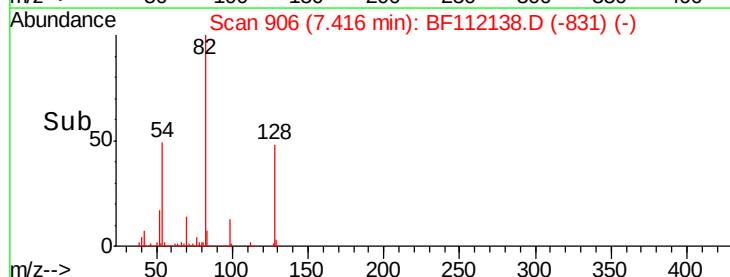
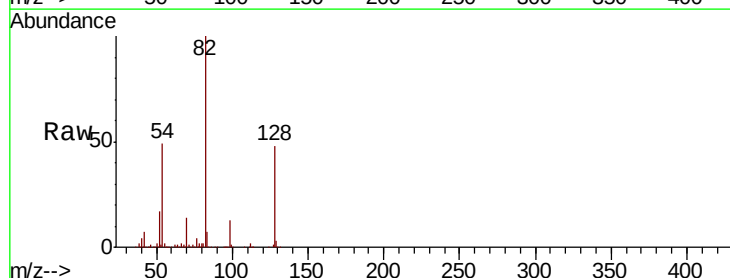
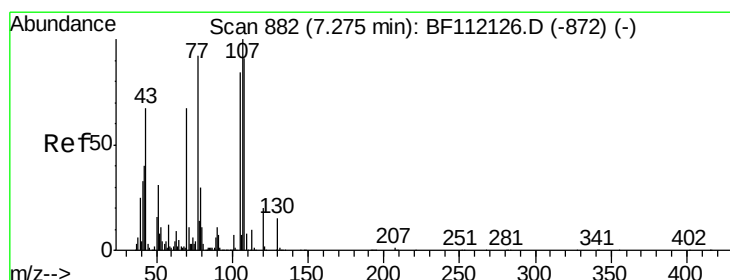
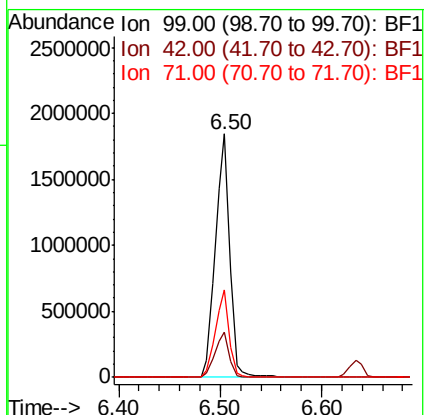
Tgt Ion: 99 Resp: 1822595

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 35.8 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.053 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF112138.D

Acq: 18 Jan 2019 21:30

Tgt Ion: 70 Resp: 200162

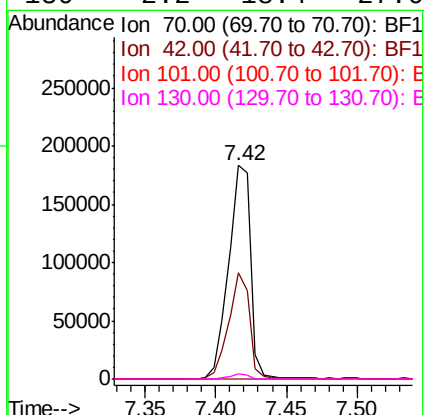
Ion Ratio Lower Upper

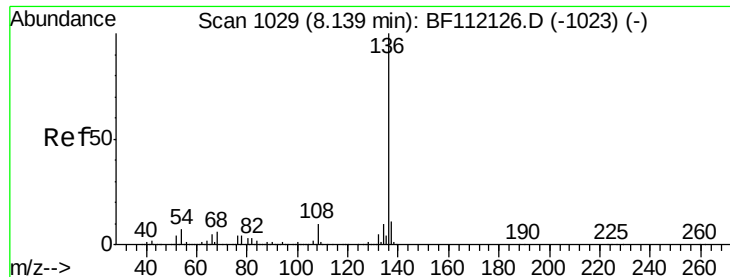
70 100

42 50.0 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

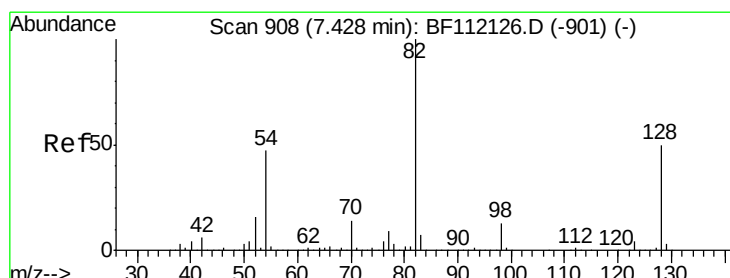
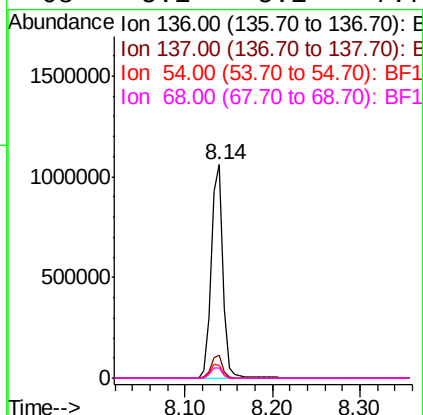
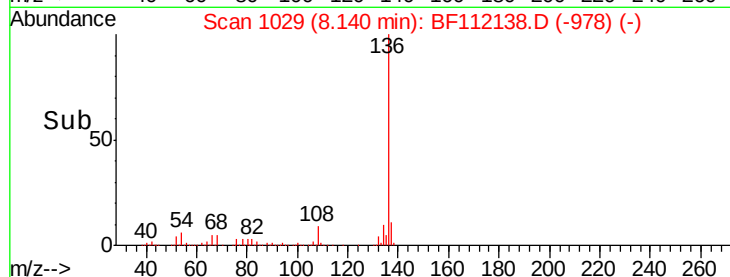
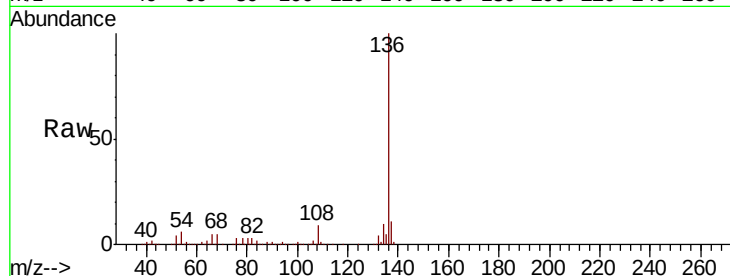




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

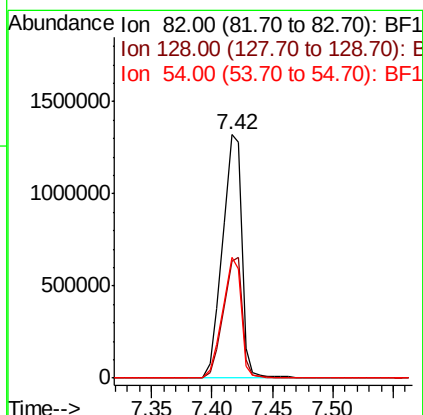
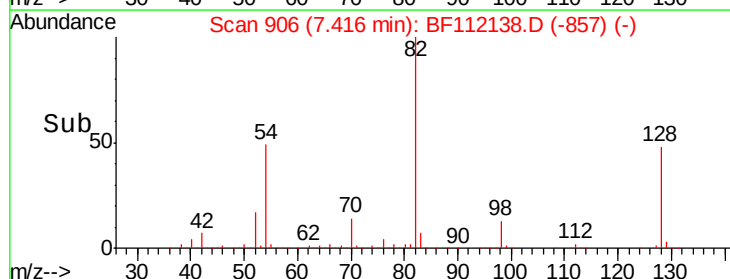
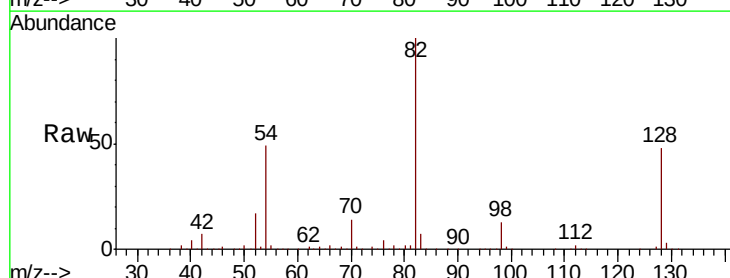
Instrument :
BNA_F
ClientSampleId :
OR-03-011719-B

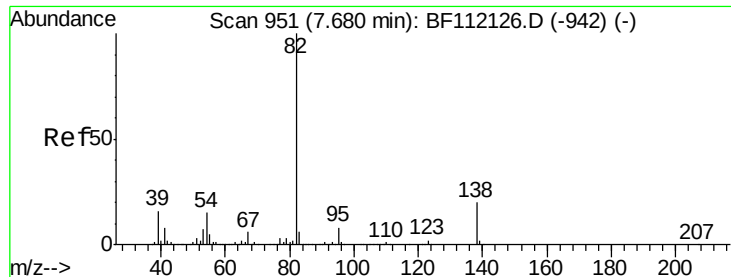
Tgt Ion:	136	Resp:	993893
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	5.9	8.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 102.200 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

Tgt Ion:	82	Resp:	1470225
Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	49.4	39.7	59.5





#25

Isophorone

Concen: 52.265 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112138.D

Acq: 18 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-B

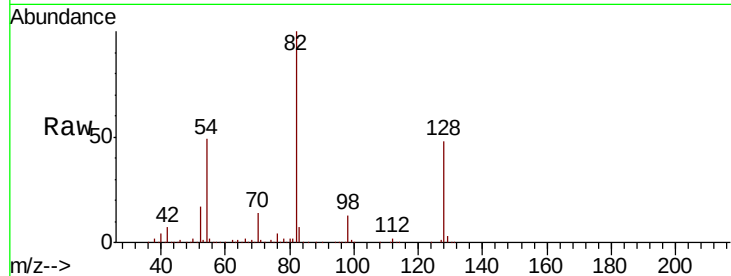
Tgt Ion: 82 Resp: 1452244

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

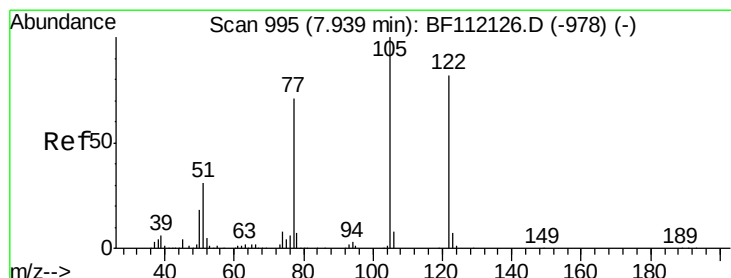
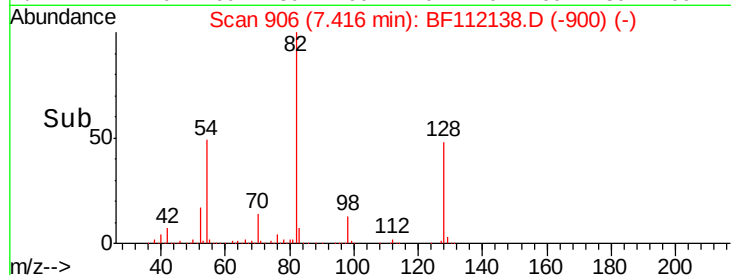
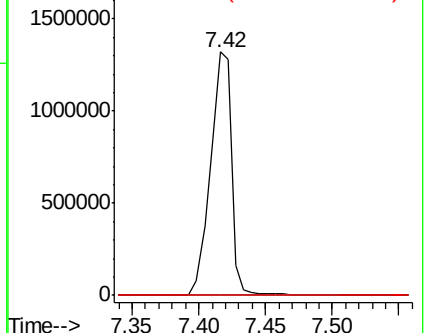
138 0.0 15.4 23.0#



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



#32

Benzoic acid

Concen: 7.239 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF112138.D

Acq: 18 Jan 2019 21:30

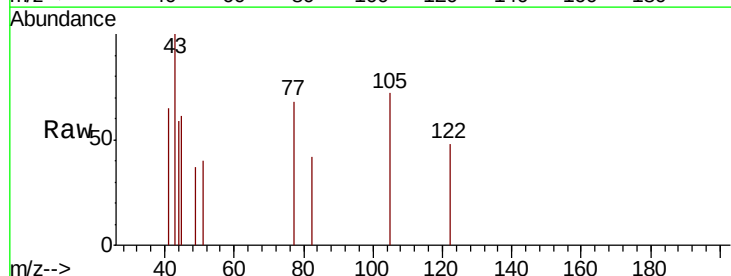
Tgt Ion: 122 Resp: 381

Ion Ratio Lower Upper

122 100

105 151.1 101.2 141.2#

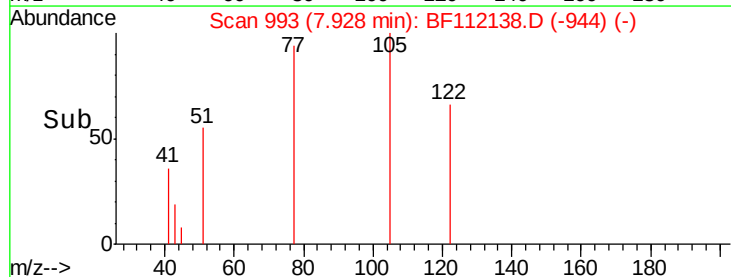
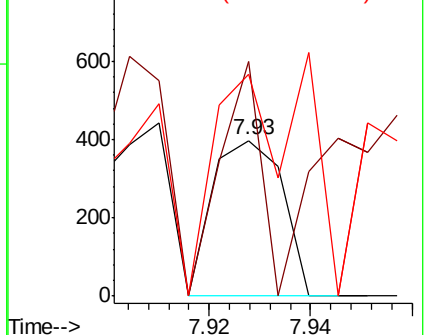
77 142.6 70.4 110.4#

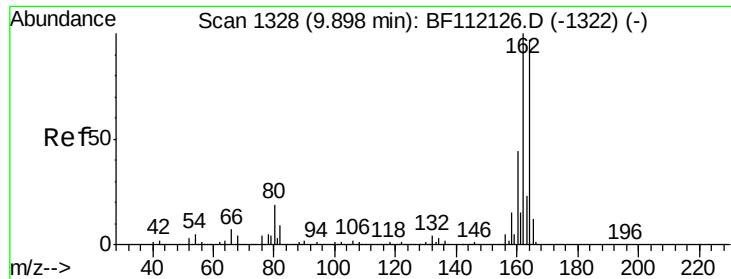


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

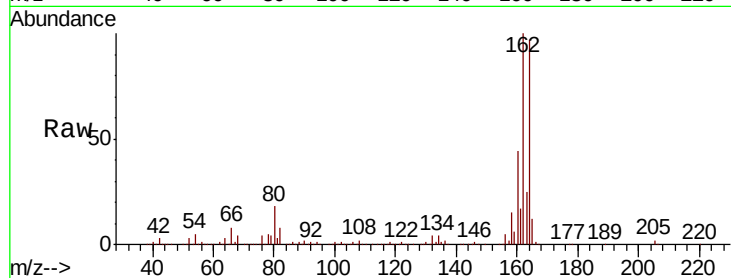




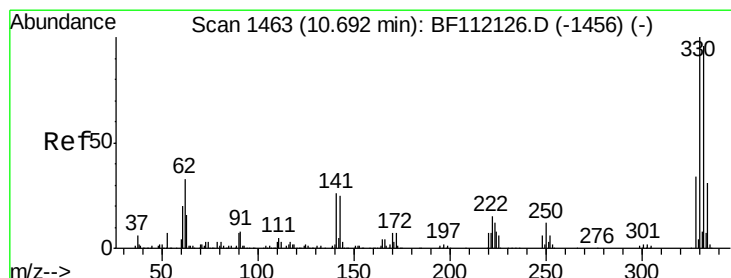
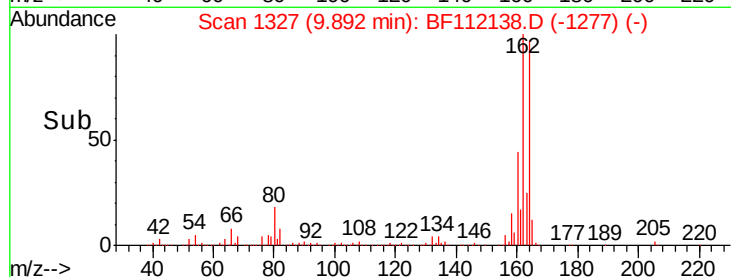
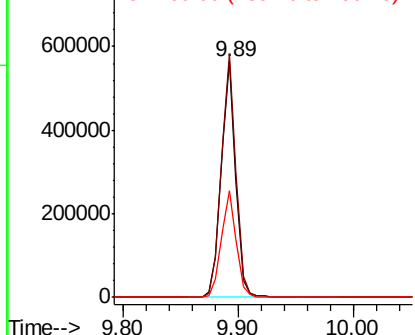
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-B

Tgt Ion:164 Resp: 490654
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.4
160 45.3 36.2 54.4

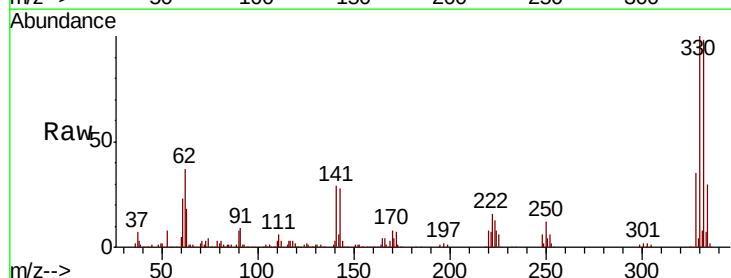


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

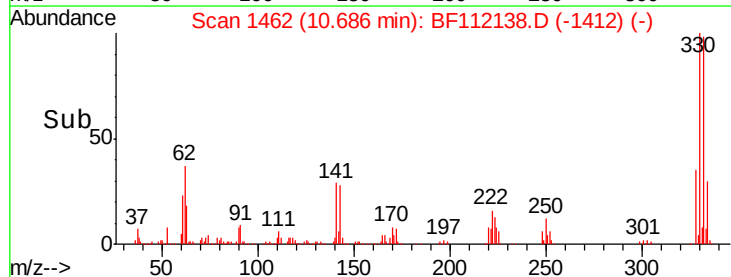
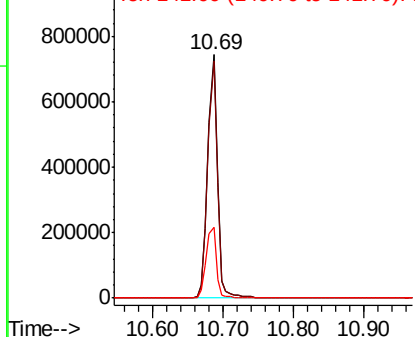


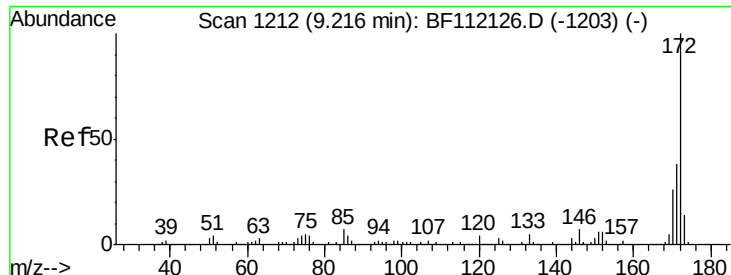
#42
2,4,6-Tribromophenol
Concen: 136.063 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

Tgt Ion:330 Resp: 720191
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 30.9 24.3 36.5



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

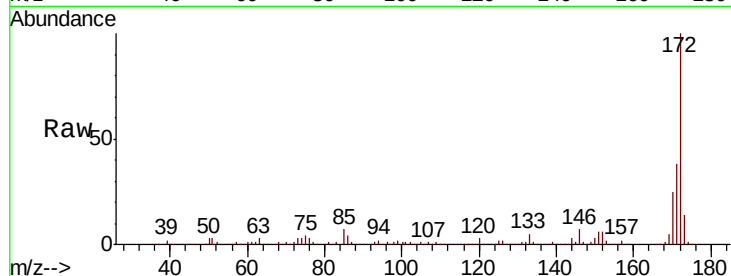




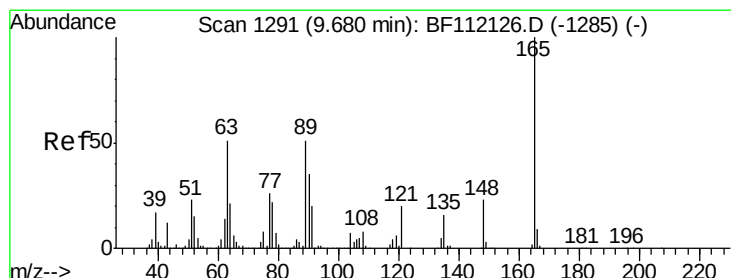
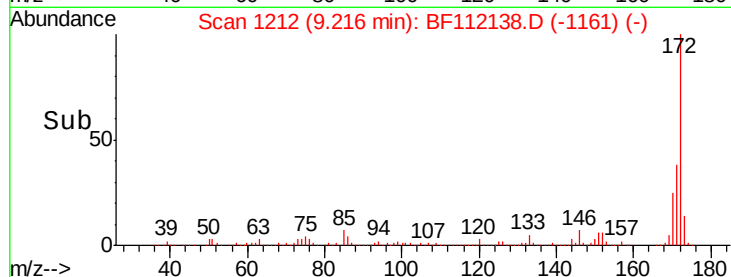
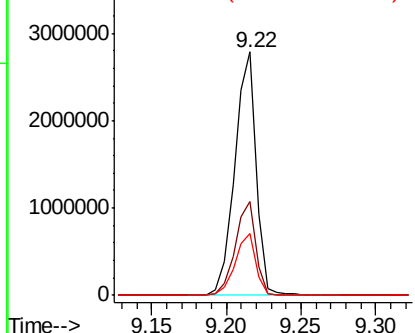
#45
 2-Fluorobiphenyl
 Concen: 84.083 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112138.D
 Acq: 18 Jan 2019 21:30

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-B

Tgt Ion:172 Resp: 2813969
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.5 45.7
 170 25.2 20.2 30.4

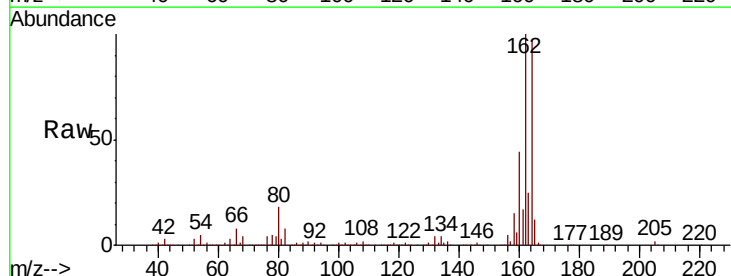


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

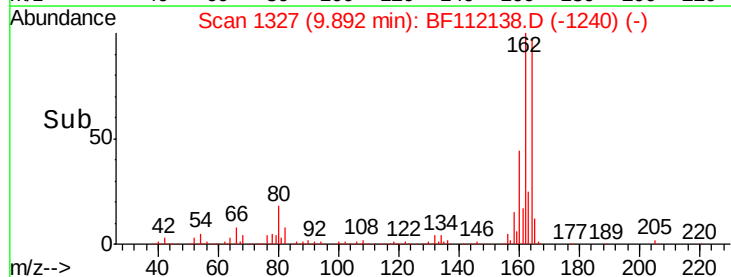
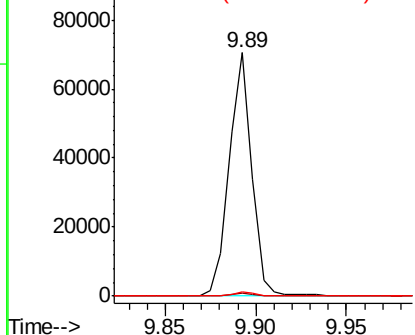


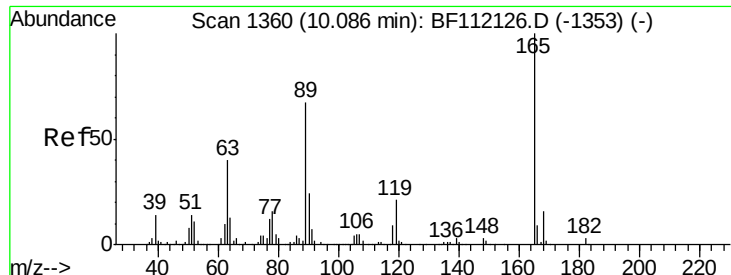
#51
 2,6-Dinitrotoluene
 Concen: 8.606 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF112138.D
 Acq: 18 Jan 2019 21:30

Tgt Ion:165 Resp: 61500
 Ion Ratio Lower Upper
 165 100
 63 1.4 33.8 50.8#
 89 2.0 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





#57

2,4-Dinitrotoluene

Concen: 10.646 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF112138.D

Acq: 18 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-B

Tgt Ion:165 Resp: 61500

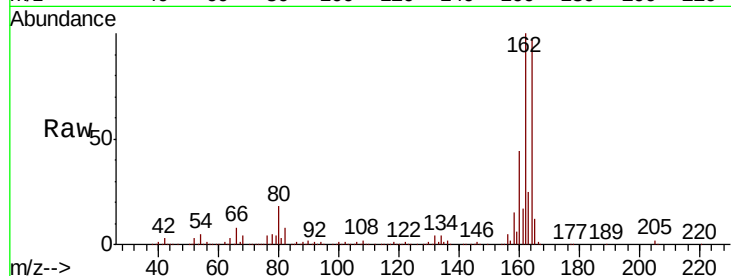
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 2.0 47.9 71.9#

182 0.0 2.2 3.4#

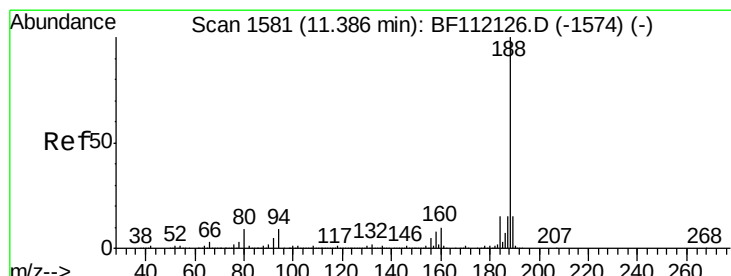
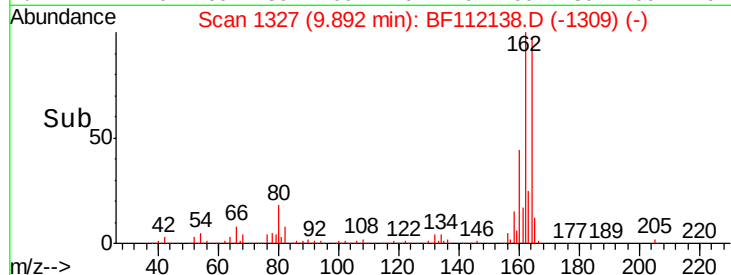
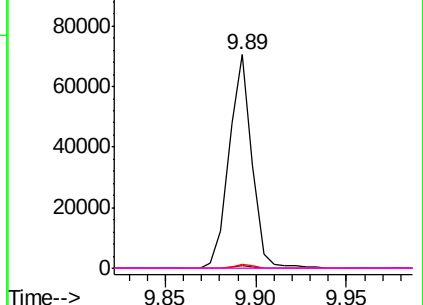


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112138.D

Acq: 18 Jan 2019 21:30

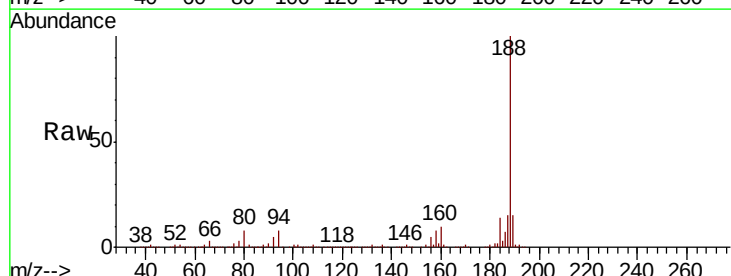
Tgt Ion:188 Resp: 882373

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

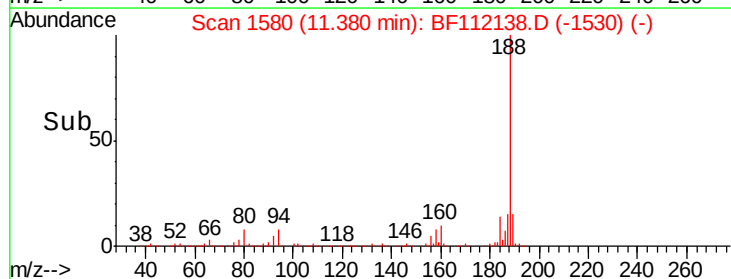
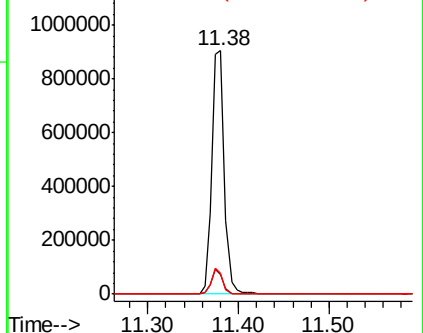
80 8.5 8.9 13.3#

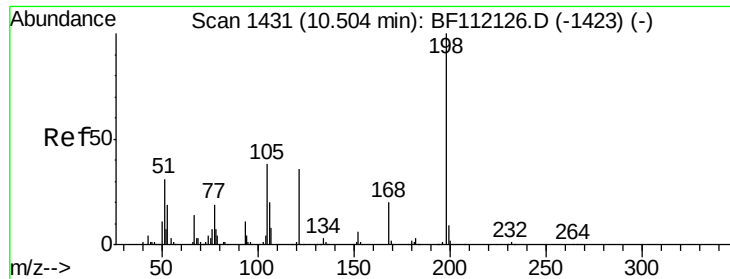


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 10.356 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.18 min

Lab File: BF112138.D

Acq: 18 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-B

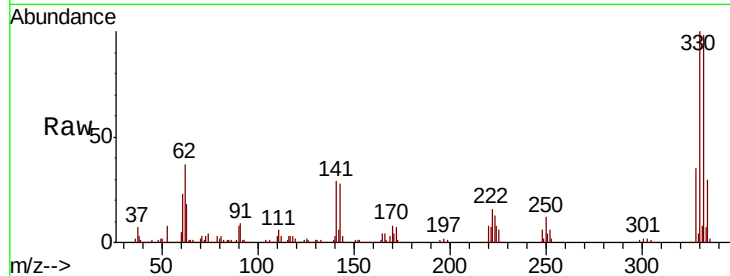
Tgt Ion:198 Resp: 1332

Ion Ratio Lower Upper

198 100

51 162.8 17.2 57.2#

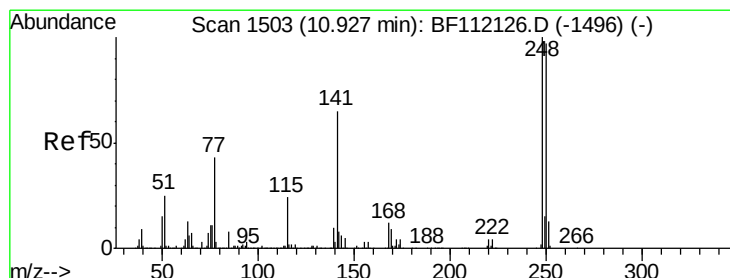
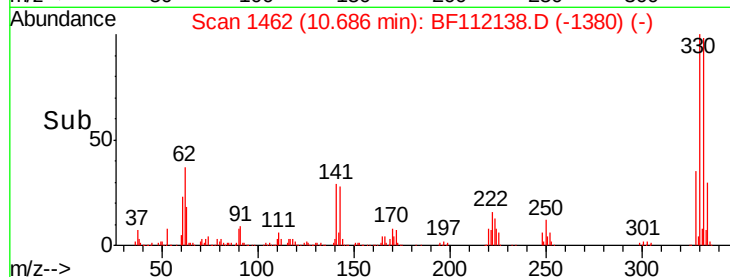
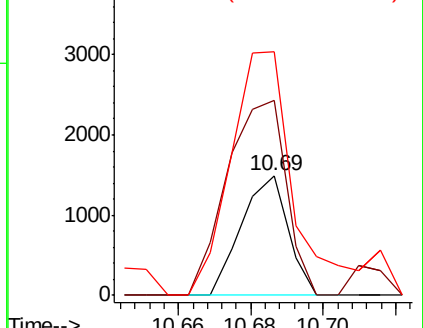
105 203.3 21.9 61.9#



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: 4.184 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF112138.D

Acq: 18 Jan 2019 21:30

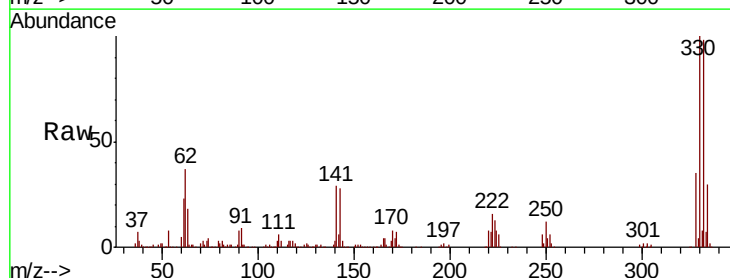
Tgt Ion:248 Resp: 42878

Ion Ratio Lower Upper

248 100

250 199.3 79.7 119.5#

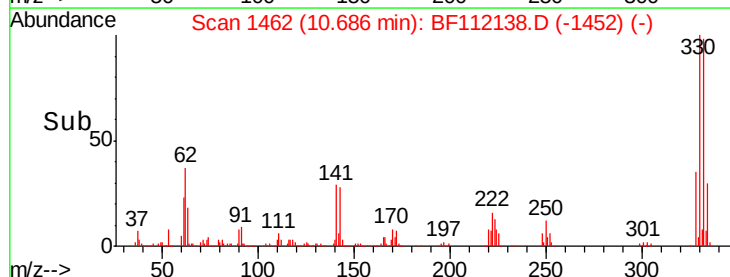
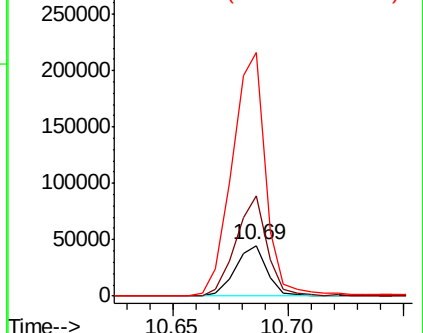
141 480.9 60.3 90.5#

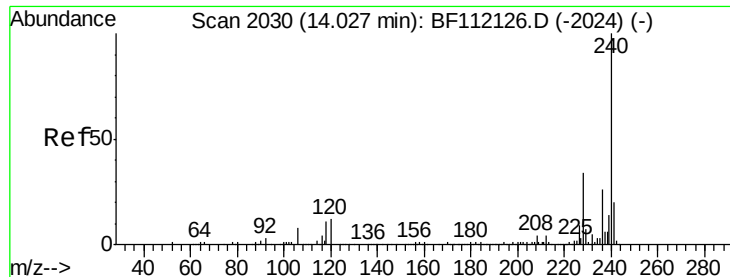


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

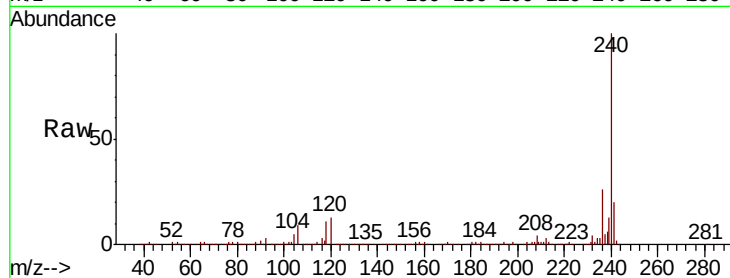




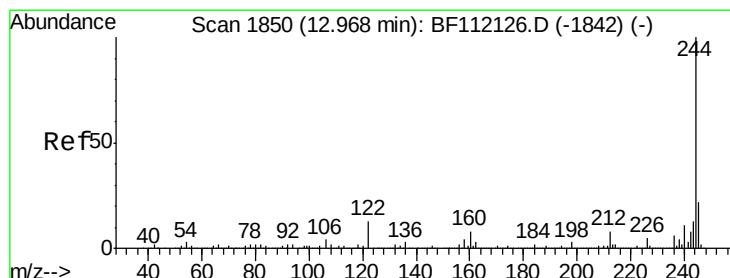
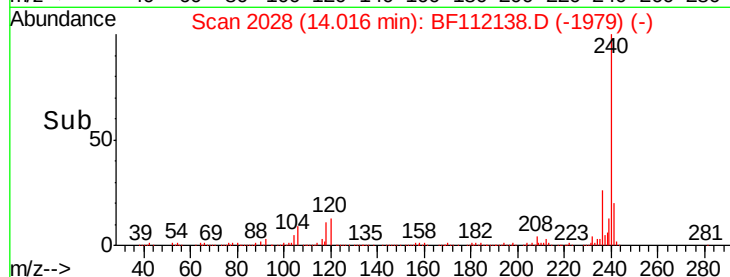
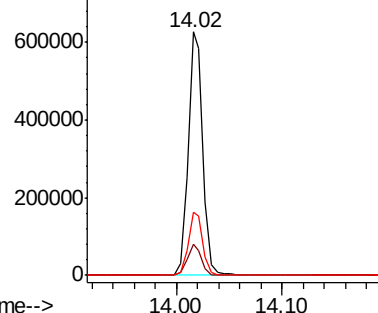
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-B

Tgt Ion:240 Resp: 614040
Ion Ratio Lower Upper
240 100
120 12.8 9.0 13.6
236 25.8 20.7 31.1

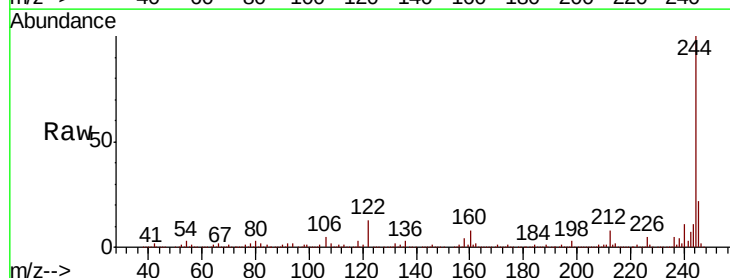


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

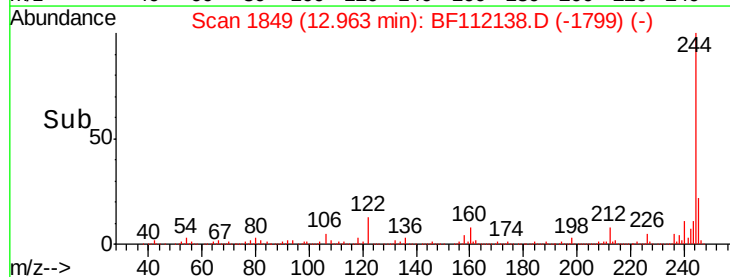
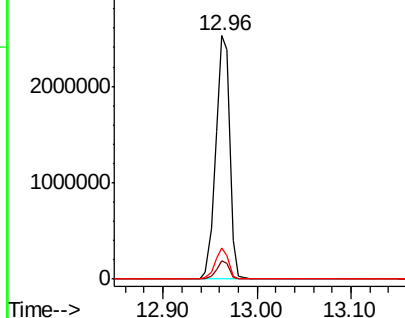


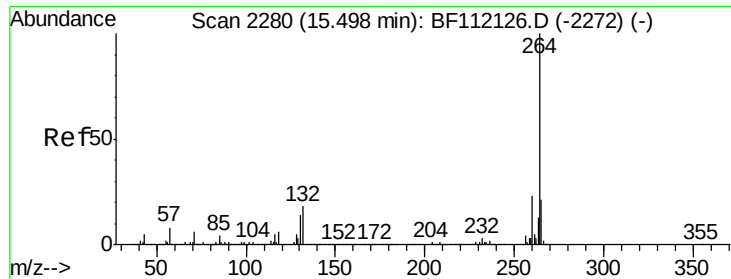
#79
Terphenyl-d14
Concen: 91.682 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

Tgt Ion:244 Resp: 2646287
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 13.0 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
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112138.D
Acq: 18 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-B

Tgt Ion:	264	Resp:	614716
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.0	17.0	25.4

