

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112798.D
 Acq On : 1 Mar 2019 14:31
 Operator : JU/SJ
 Sample : K1655-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C12-1-1.0-1.5

Quant Time: Mar 01 21:57:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

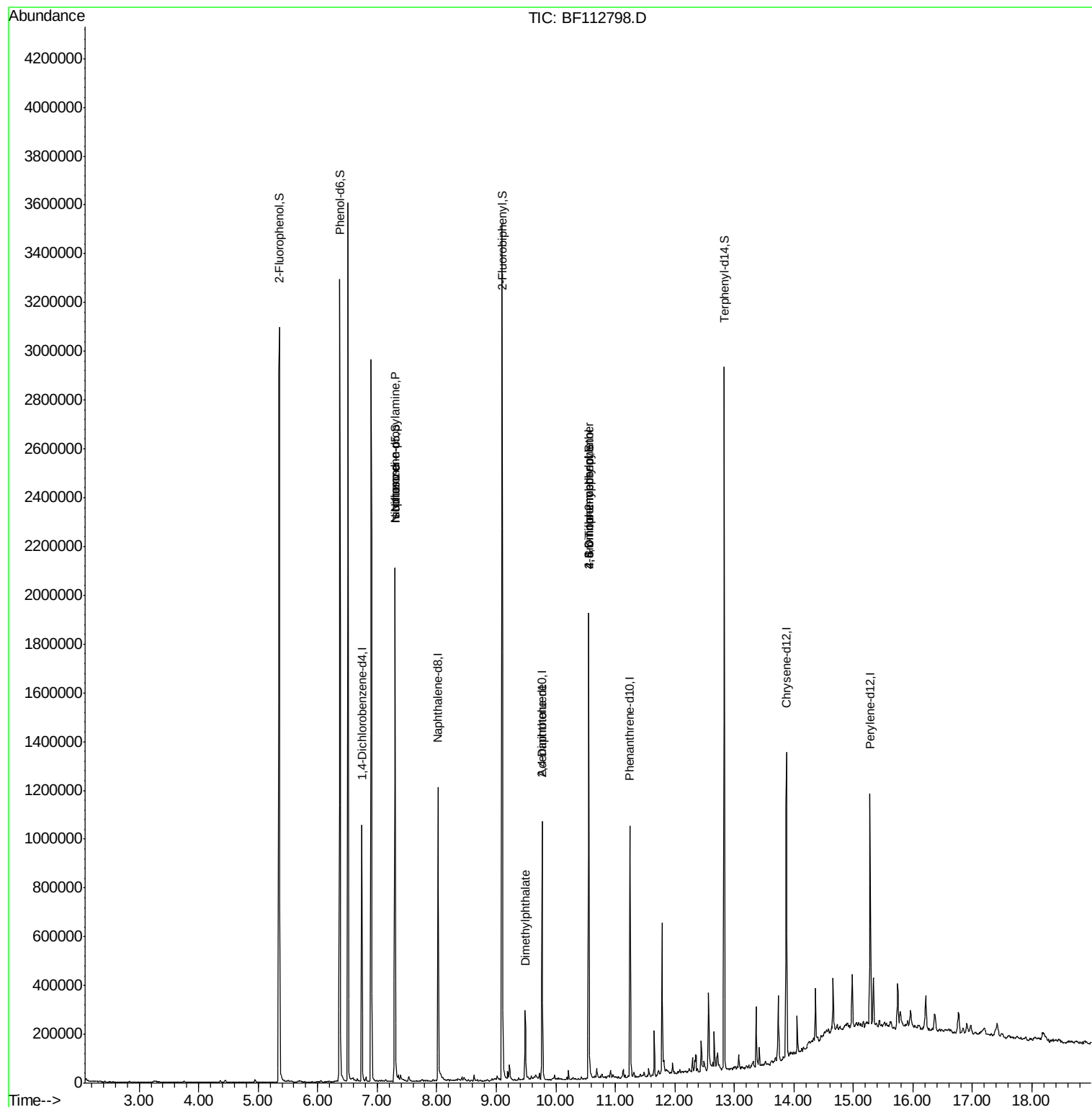
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	161148	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	563069	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	223718	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	398217	20.00	ng	0.00
76) Chrysene-d12	13.87	240	420492	20.00	ng	0.00
87) Perylene-d12	15.28	264	439580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	943248	91.05	ng	0.01
7) Phenol-d6	6.37	99	1168187	89.77	ng	0.00
23) Nitrobenzene-d5	7.30	82	695134	73.87	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	258091	108.67	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1101644	80.44	ng	0.00
79) Terphenyl-d14	12.83	244	996892	45.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	92088	11.173	ng	# 76
25) Isophorone	7.30	82	688400	33.958	ng	# 66
50) Dimethylphthalate	9.49	163	120403	7.299	ng	# 99
57) 2,4-Dinitrotoluene	9.77	165	28424	6.657	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	328	4.794	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	13983	3.334	ng	# 1

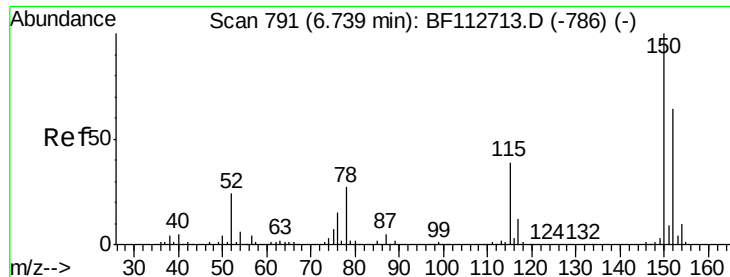
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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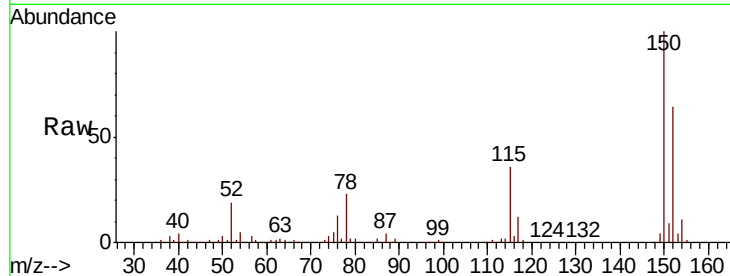


#1

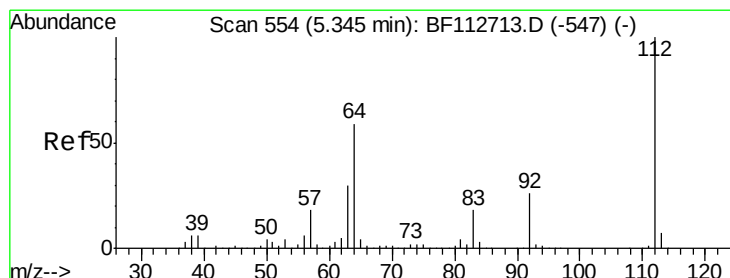
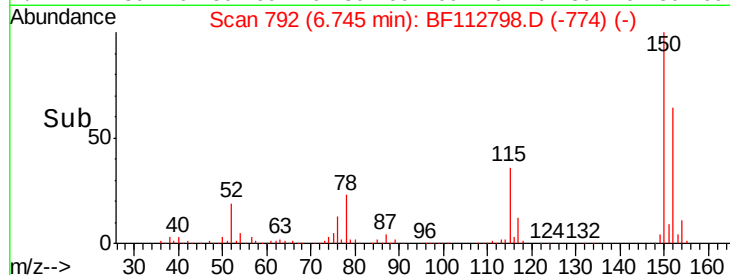
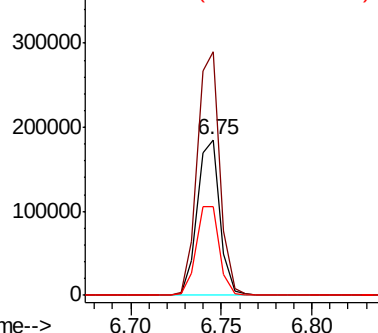
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112798.D
 Acq: 1 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 A0C12-1-1.0-1.5

Tgt Ion:152 Resp: 161148
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.2 186.2
 115 56.8 48.2 72.4



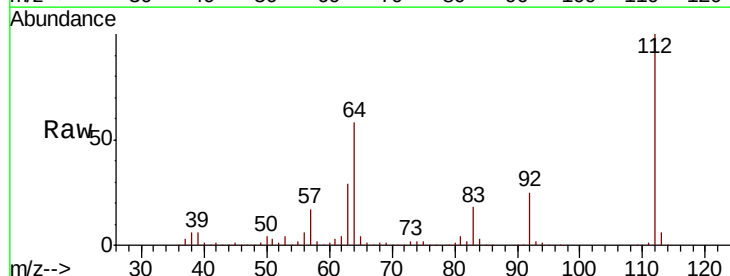
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



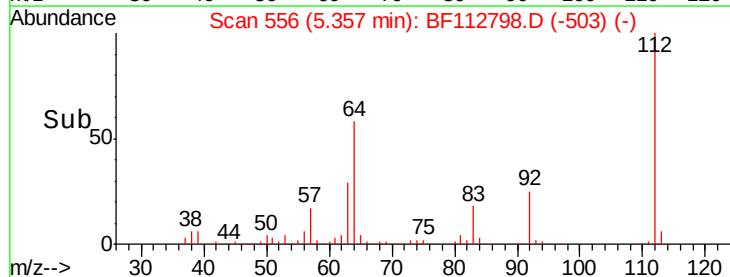
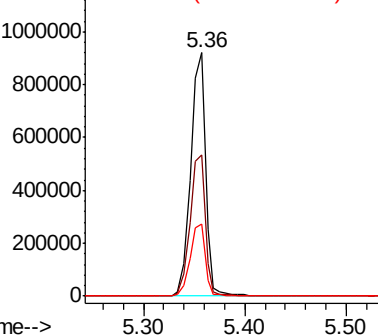
#5

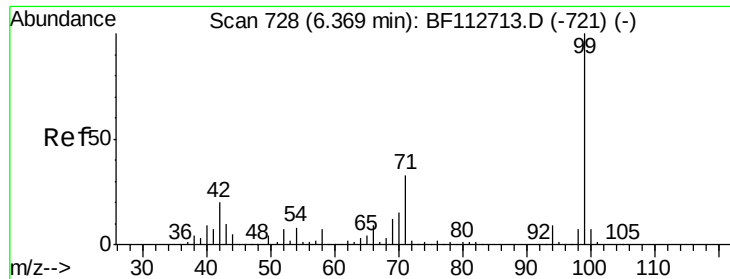
2-Fluorophenol
 Concen: 91.051 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF112798.D
 Acq: 1 Mar 2019 14:31

Tgt Ion:112 Resp: 943248
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.6 71.4
 63 29.4 24.4 36.6



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: 89.768 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112798.D

Acq: 1 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

A0C12-1-1.0-1.5

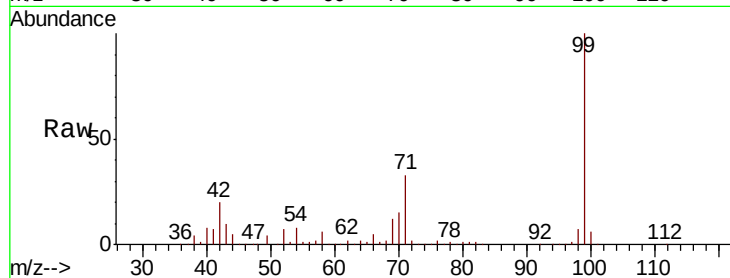
Tgt Ion: 99 Resp: 1168187

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

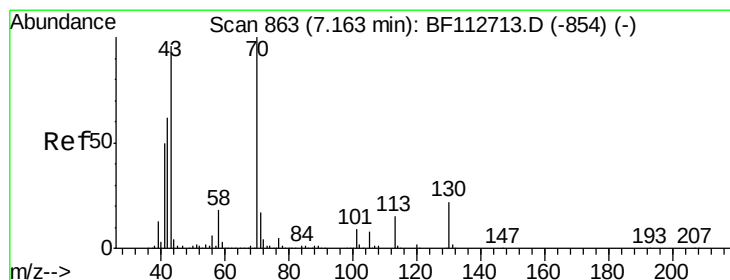
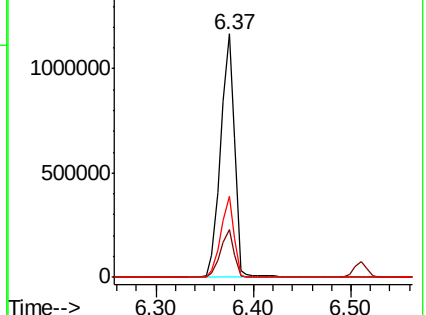
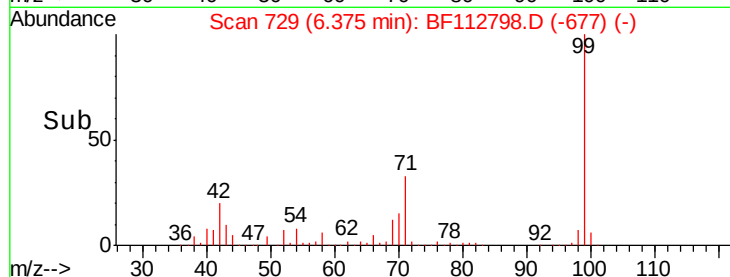
71 33.1 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.173 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112798.D

Acq: 1 Mar 2019 14:31

Tgt Ion: 70 Resp: 92088

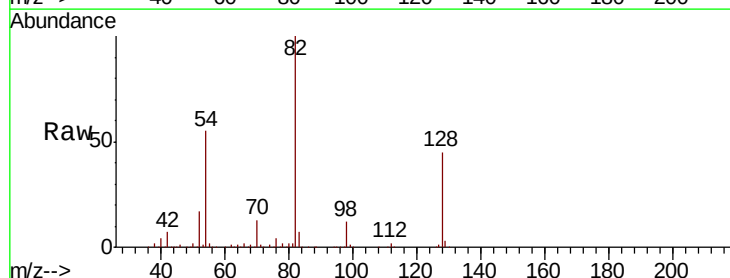
Ion Ratio Lower Upper

70 100

42 49.1 49.9 74.9#

101 0.0 7.4 11.2#

130 2.1 17.4 26.2#

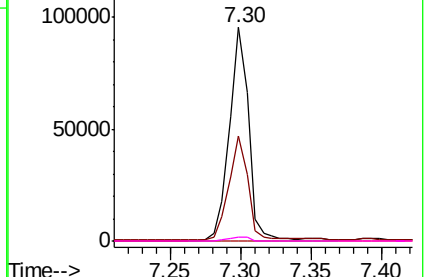
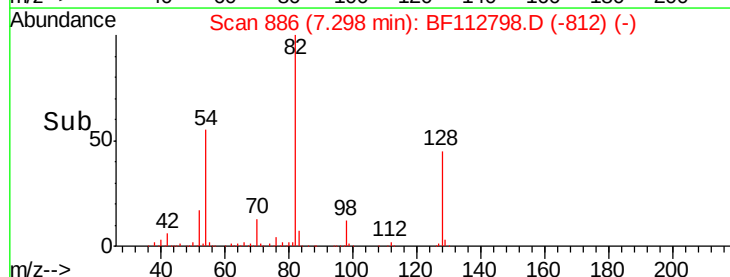


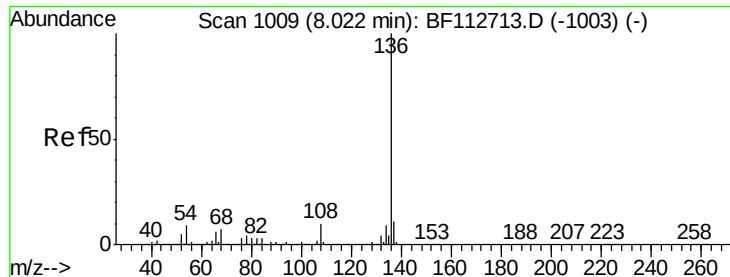
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

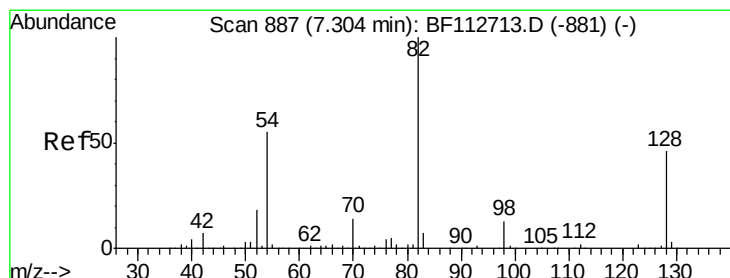
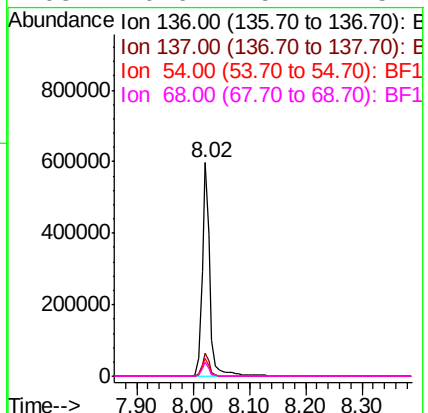
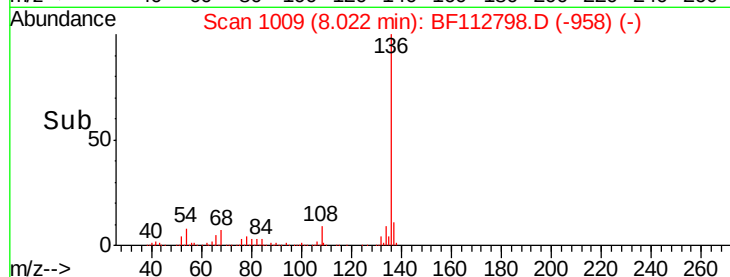
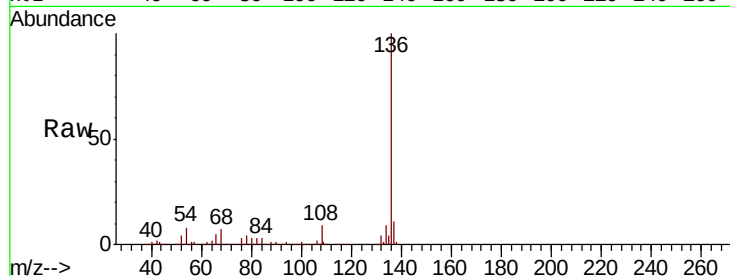




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112798.D
Acq: 1 Mar 2019 14:31

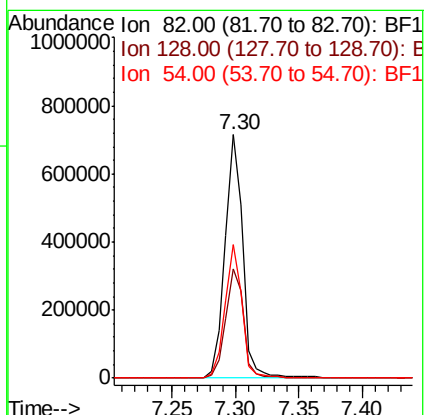
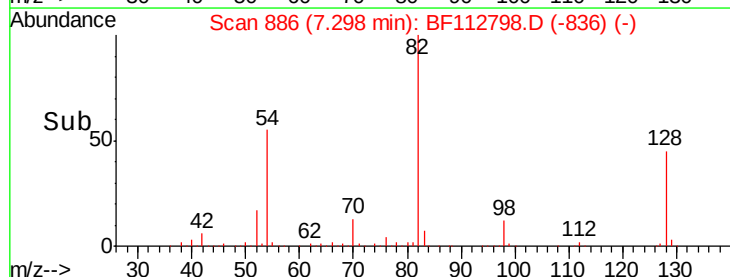
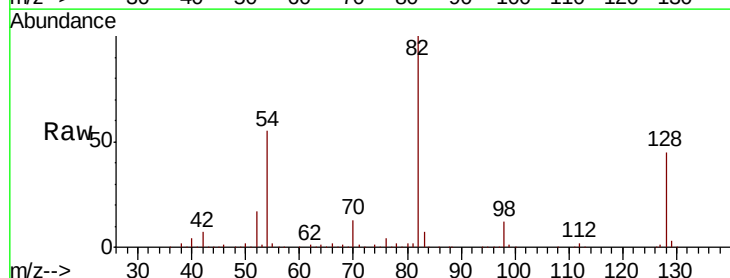
Instrument :
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A0C12-1-1.0-1.5

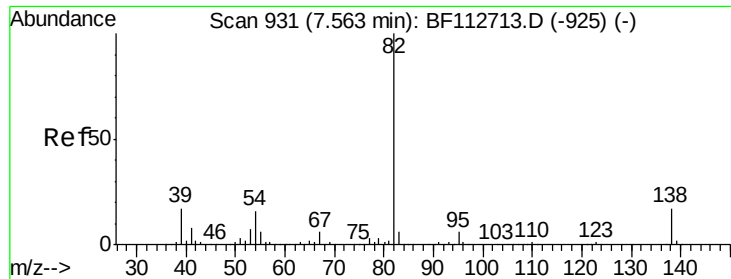
Tgt Ion:	136	Resp:	563069
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	7.3	10.9
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 73.873 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112798.D
Acq: 1 Mar 2019 14:31

Tgt Ion:	82	Resp:	695134
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.3	54.5
54	54.6	43.7	65.5

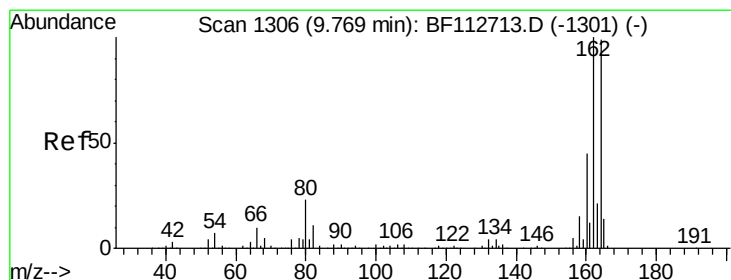
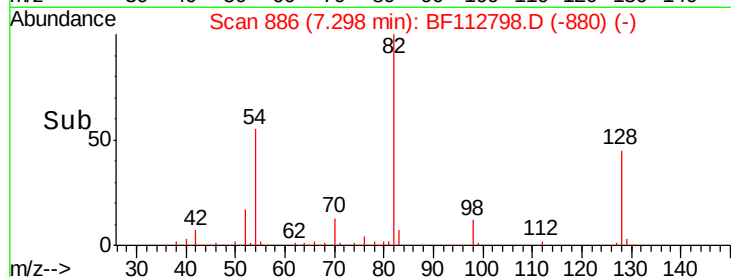
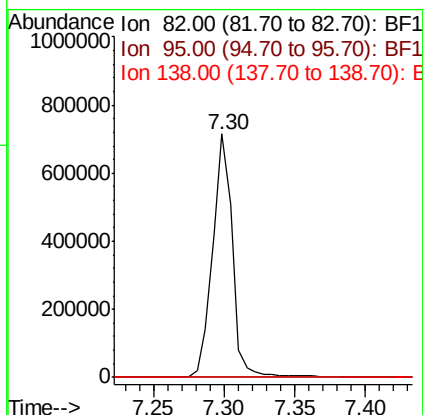
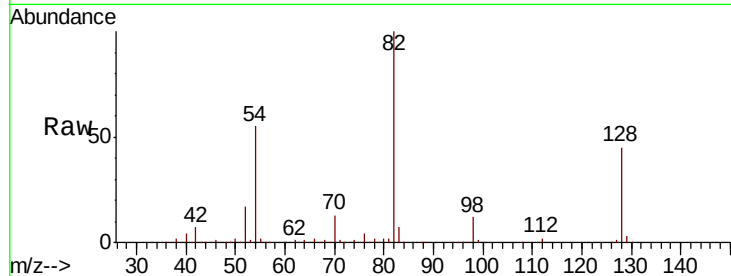




#25
Isophorone
Concen: 33.958 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112798.D
Acq: 1 Mar 2019 14:31

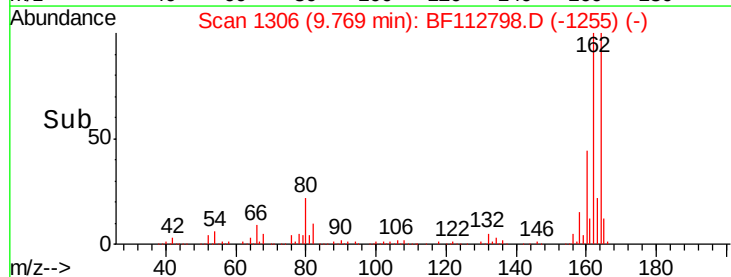
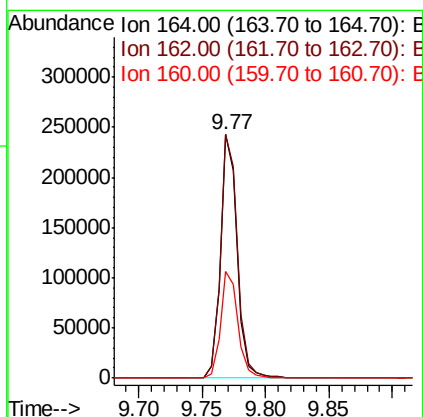
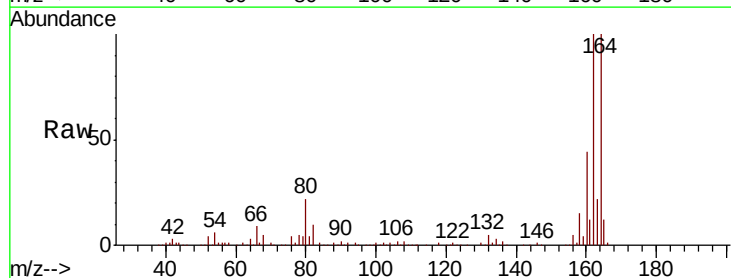
Instrument :
BNA_F
ClientSampleId :
A0C12-1-1.0-1.5

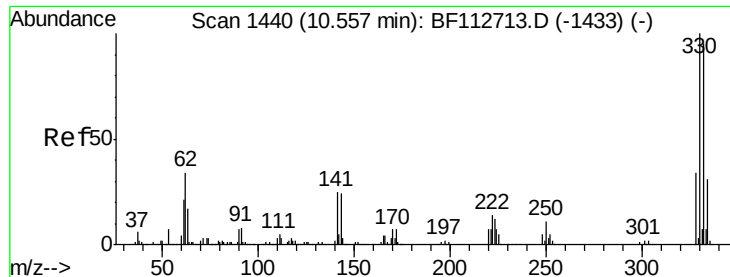
Tgt Ion: 82 Resp: 688400
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112798.D
Acq: 1 Mar 2019 14:31

Tgt Ion: 164 Resp: 223718
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 43.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 108.668 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112798.D

Acq: 1 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

A0C12-1-1.0-1.5

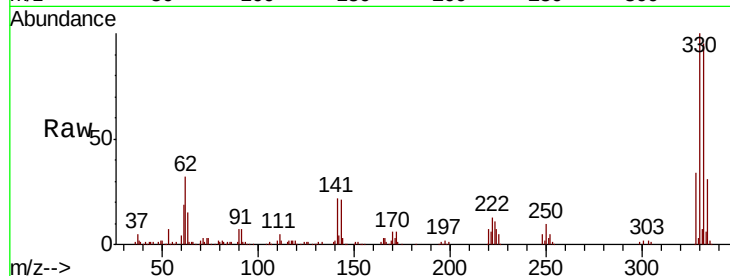
Tgt Ion:330 Resp: 258091

Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.4

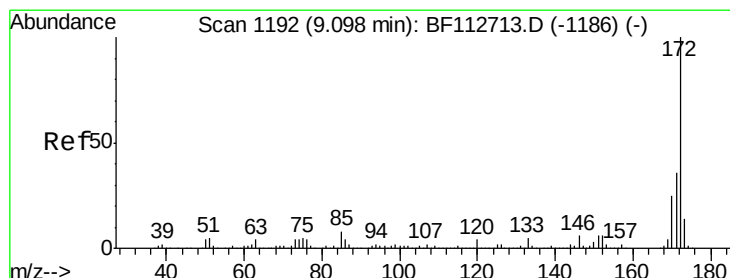
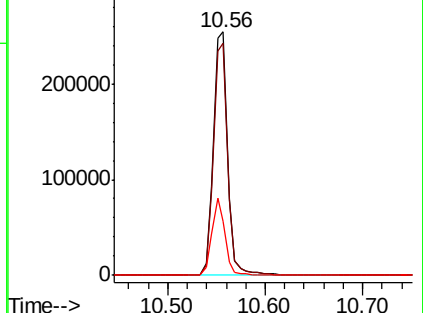
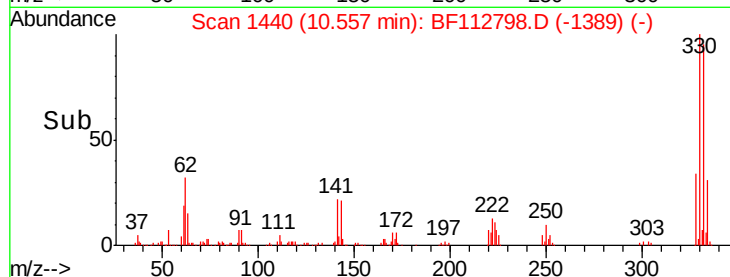
141 29.2 27.0 40.6



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: 80.436 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112798.D

Acq: 1 Mar 2019 14:31

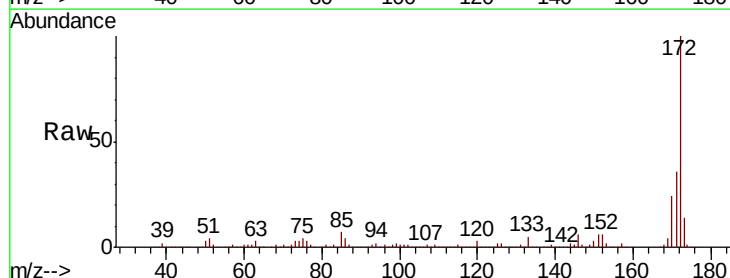
Tgt Ion:172 Resp: 1101644

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

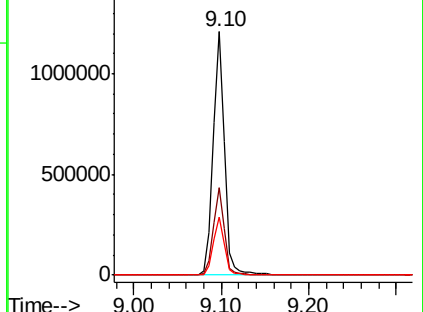
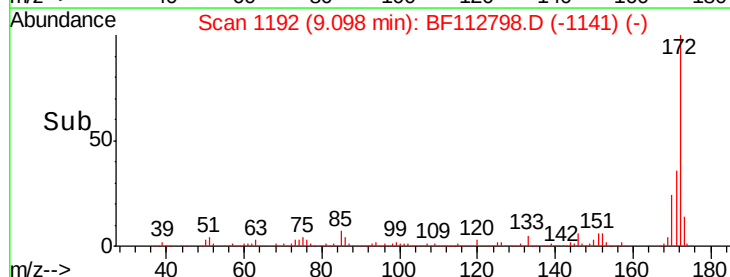
170 23.8 20.0 30.0

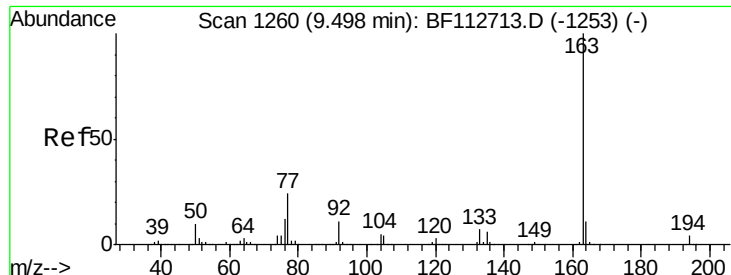


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

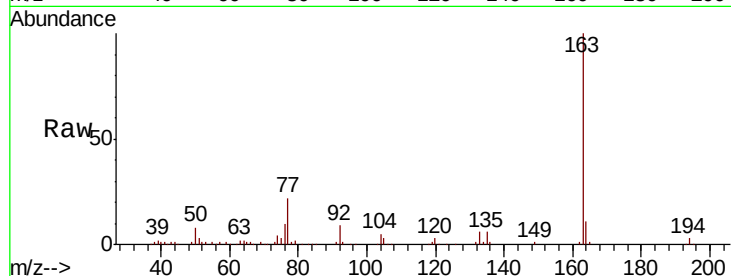




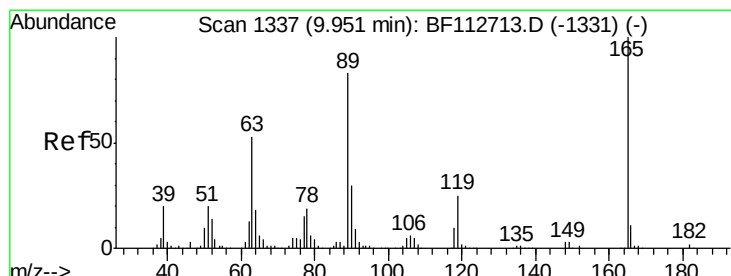
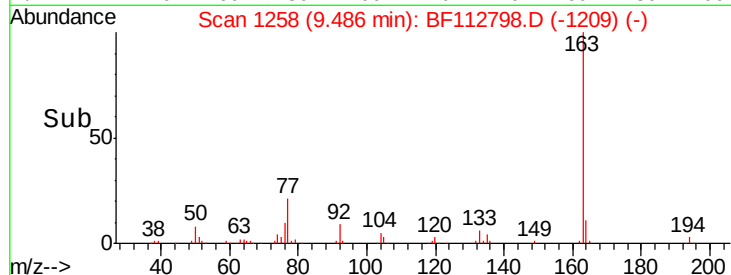
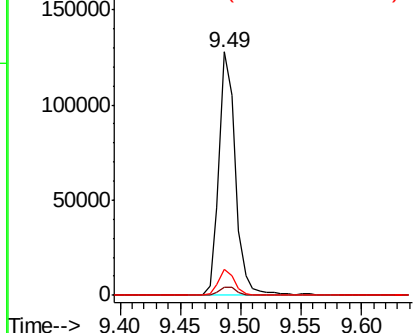
#50
 Dimethylphthalate
 Concen: 7.299 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF112798.D
 Acq: 1 Mar 2019 14:31

Instrument :
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 A0C12-1-1.0-1.5

Tgt Ion:	163	Resp:	120403
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.7	8.4	12.6

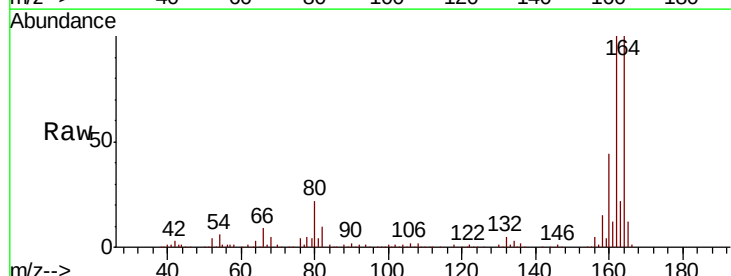


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

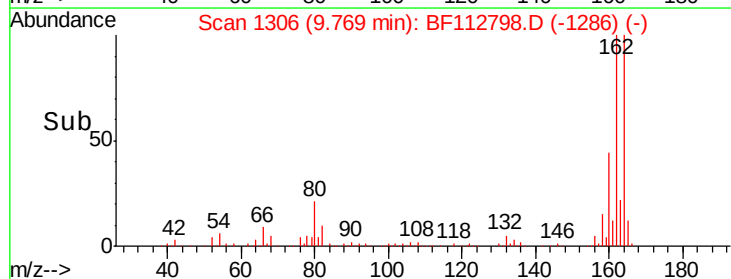
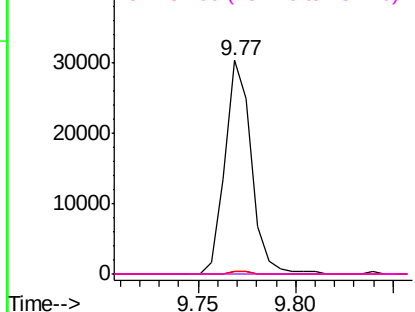


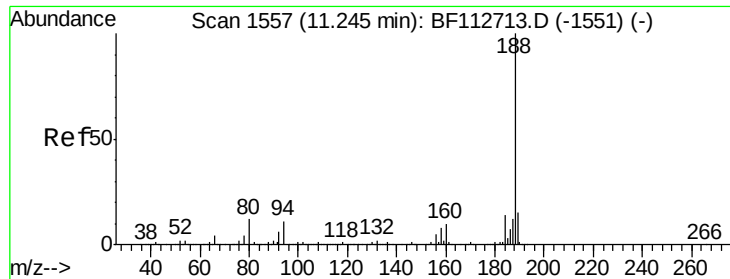
#57
 2,4-Dinitrotoluene
 Concen: 6.657 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.18 min
 Lab File: BF112798.D
 Acq: 1 Mar 2019 14:31

Tgt Ion:	165	Resp:	28424
Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112798.D

Acq: 1 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

A0C12-1-1.0-1.5

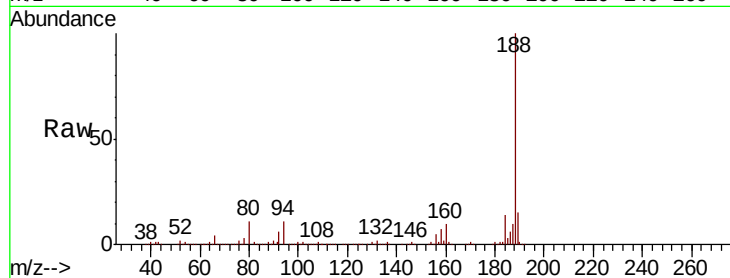
Tgt Ion:188 Resp: 398217

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

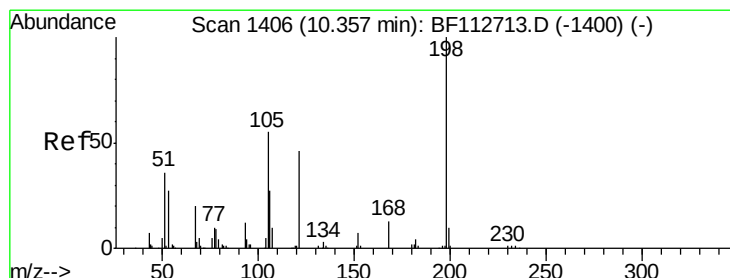
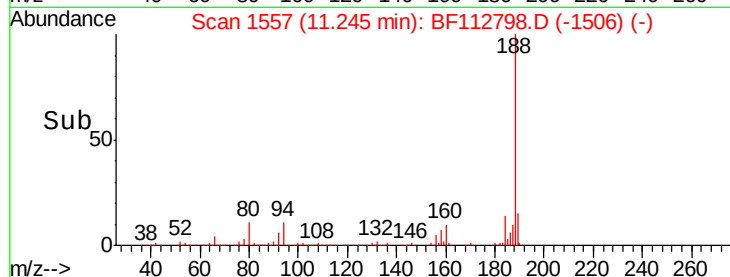
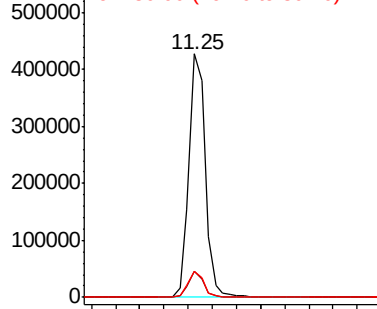
80 10.8 9.2 13.8



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: 4.794 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF112798.D

Acq: 1 Mar 2019 14:31

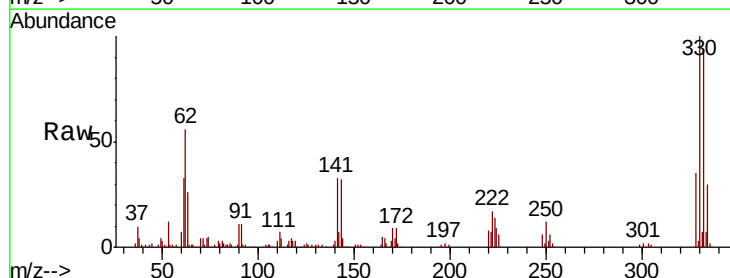
Tgt Ion:198 Resp: 328

Ion Ratio Lower Upper

198 100

51 258.4 43.8 83.8#

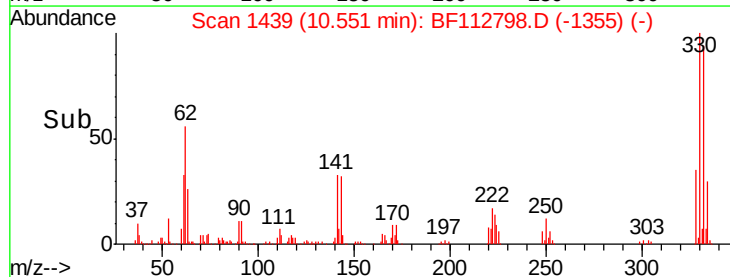
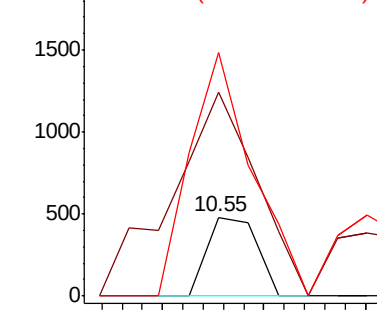
105 308.5 36.5 76.5#

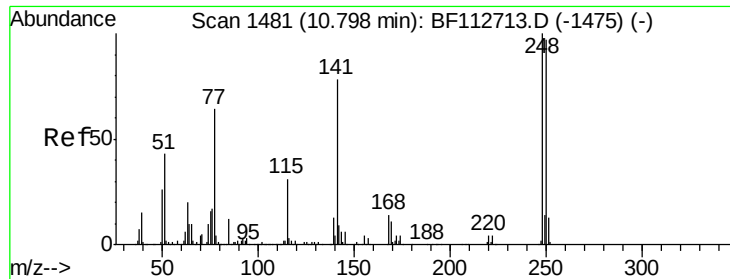


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

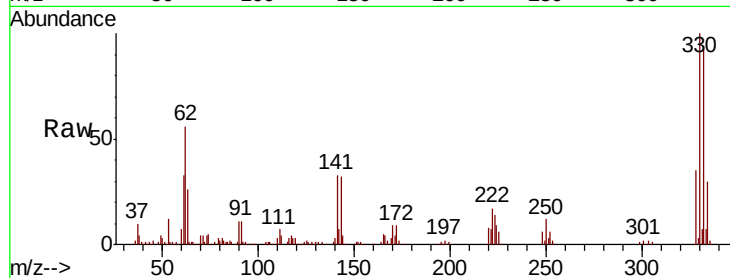




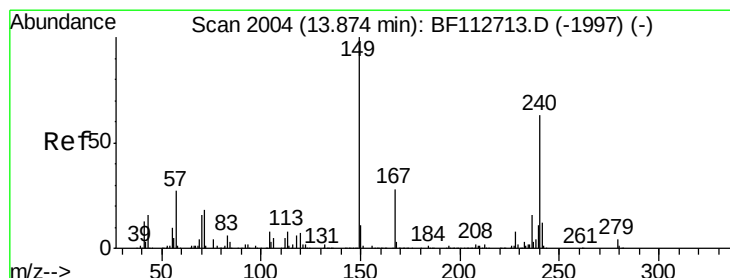
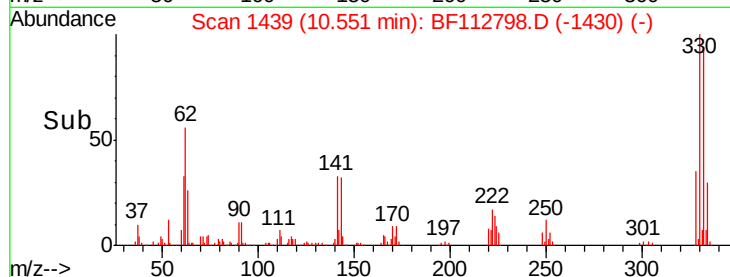
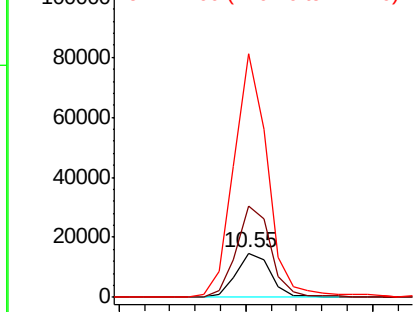
#67
4-Bromophenyl-phenylether
Concen: 3.334 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF112798.D
Acq: 1 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
A0C12-1-1.0-1.5

Tgt Ion:248 Resp: 13983
Ion Ratio Lower Upper
248 100
250 203.8 77.5 116.3#
141 547.0 62.4 93.6#

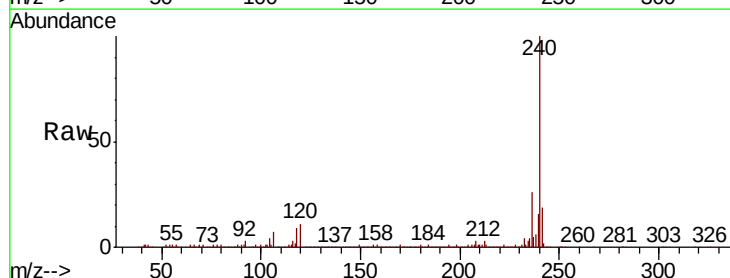


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

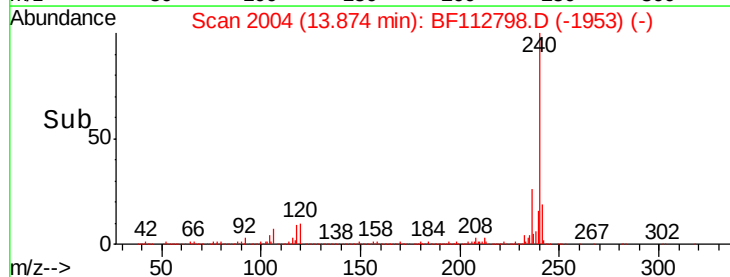
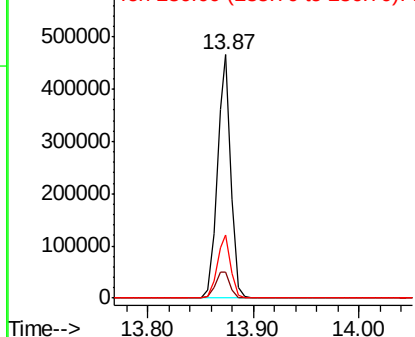


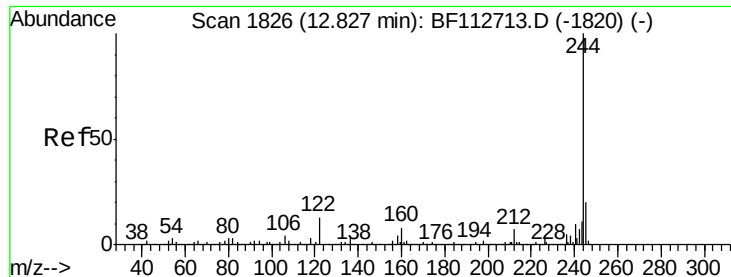
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112798.D
Acq: 1 Mar 2019 14:31

Tgt Ion:240 Resp: 420492
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.0 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: 45.957 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112798.D

Acq: 1 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

A0C12-1-1.0-1.5

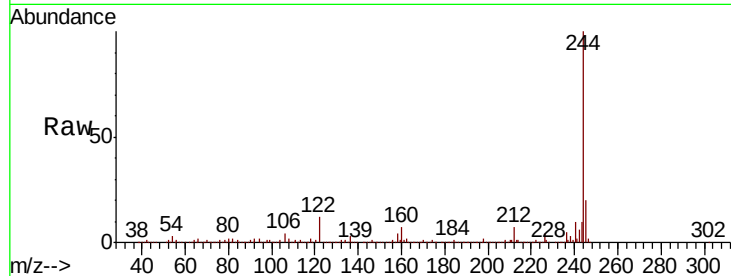
Tgt Ion:244 Resp: 996892

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

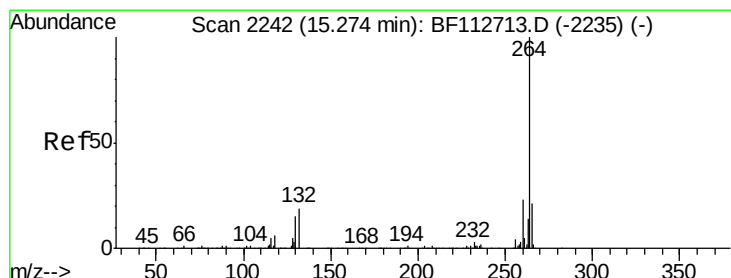
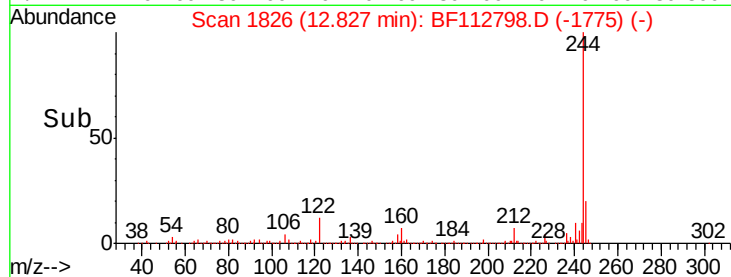
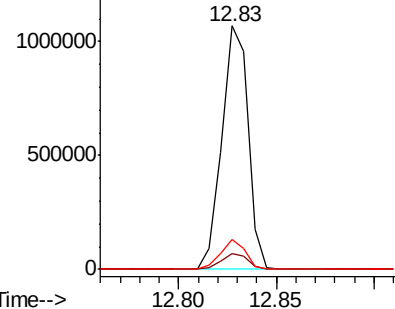
122 12.3 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF112798.D

Acq: 1 Mar 2019 14:31

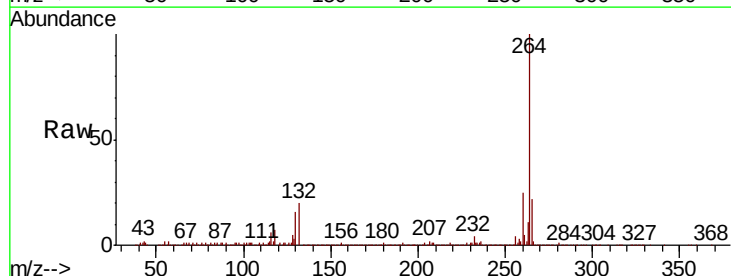
Tgt Ion:264 Resp: 439580

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

265 22.4 17.2 25.8



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

