

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112887.D
 Acq On : 6 Mar 2019 17:44
 Operator : JU/SJ
 Sample : K1753-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-5

Quant Time: Mar 07 04:19:21 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

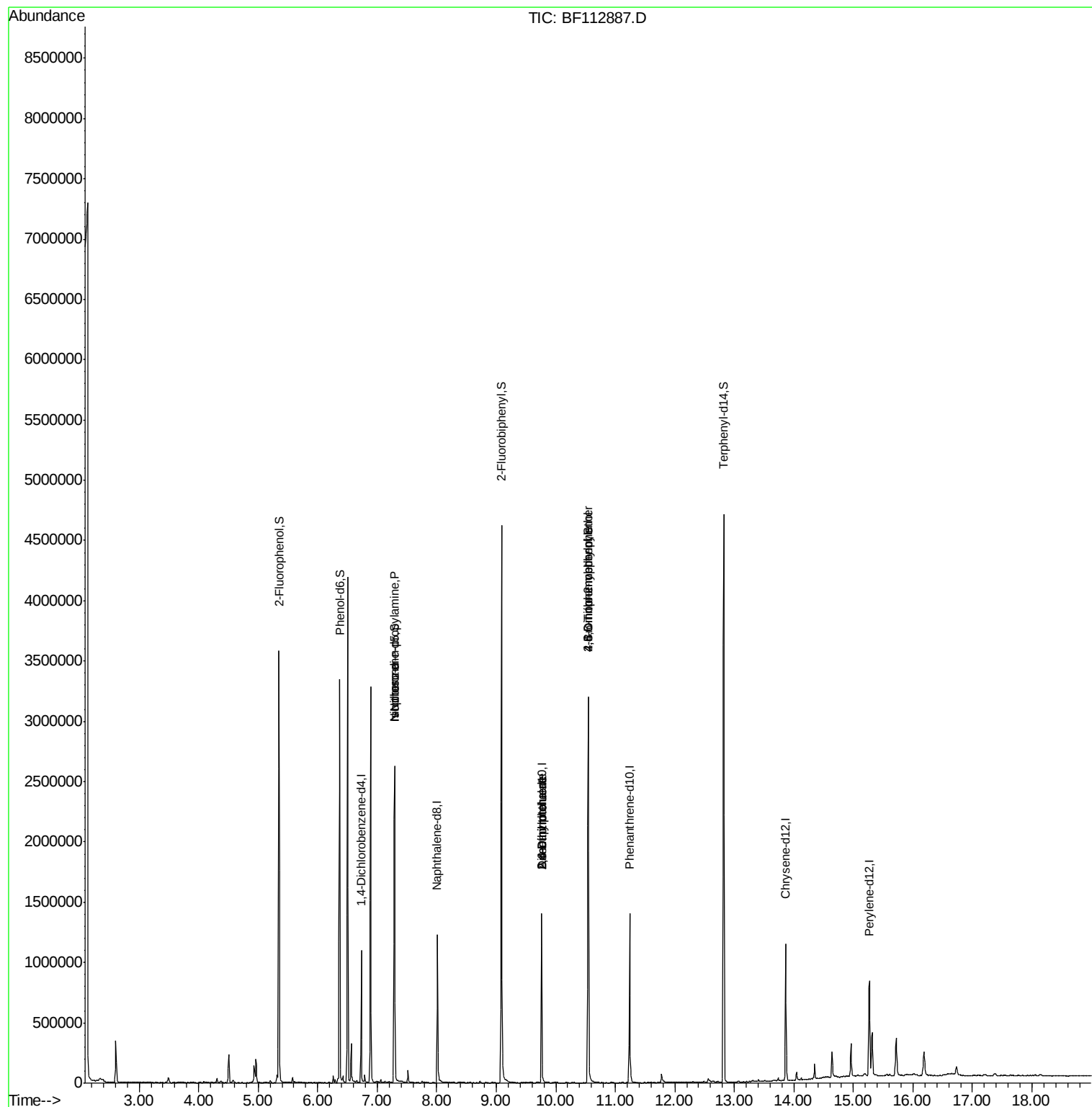
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	158751	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	610521	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	296427	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	588952	20.00	ng	0.00
76) Chrysene-d12	13.86	240	423321	20.00	ng	-0.01
87) Perylene-d12	15.27	264	404616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	990819	97.09	ng	0.00
7) Phenol-d6	6.37	99	1157252	90.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	880829	86.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	448837	142.63	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1644620	94.80	ng	-0.01
79) Terphenyl-d14	12.82	244	1718957	78.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	115617	14.240	ng	# 77
25) Isophorone	7.29	82	878235	39.955	ng	# 66
50) Dimethylphthalate	9.76	163	75310	3.446	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	36749	8.074	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	36749	6.495	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	696	4.873	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	25722	4.146	ng	# 1

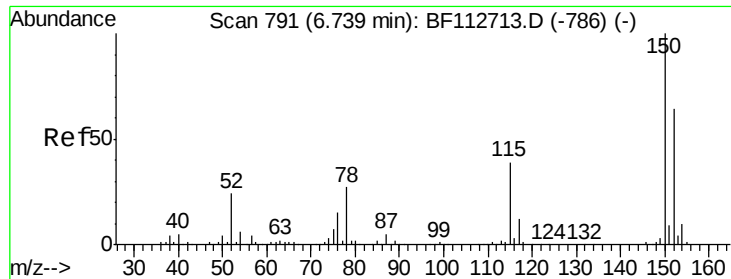
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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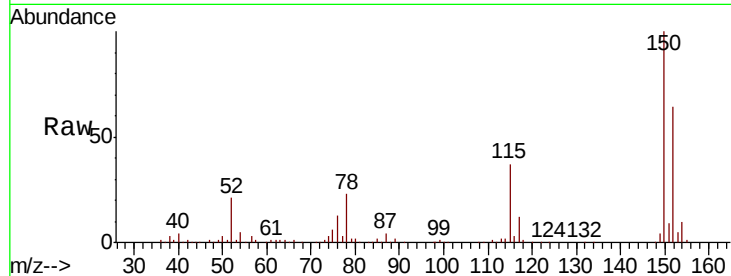


#1

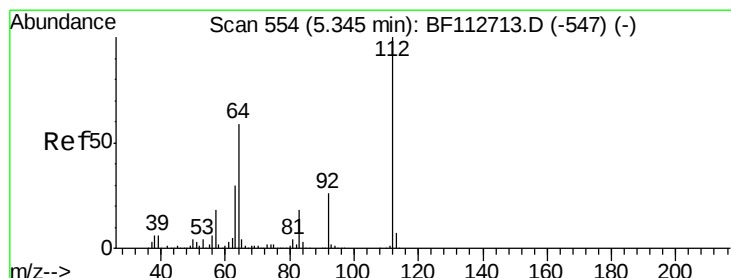
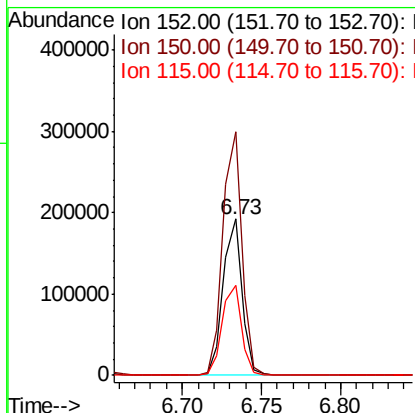
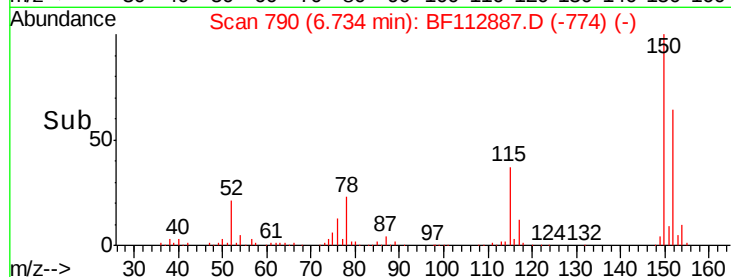
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Instrument :
BNA_F
ClientSampleId :
Z-2-5

Tgt Ion:152 Resp: 158751
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 57.5 48.2 72.4



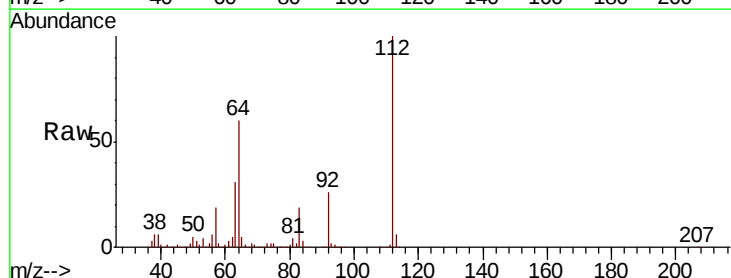
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



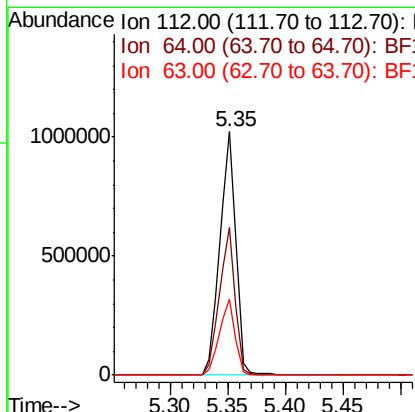
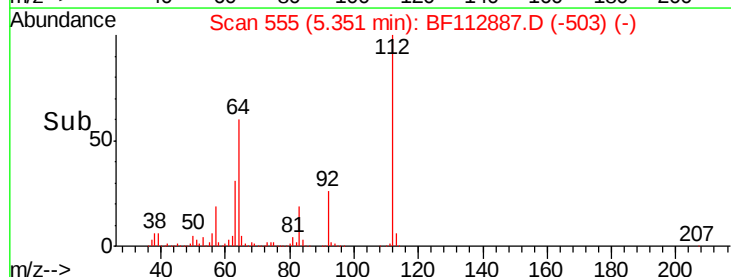
#5

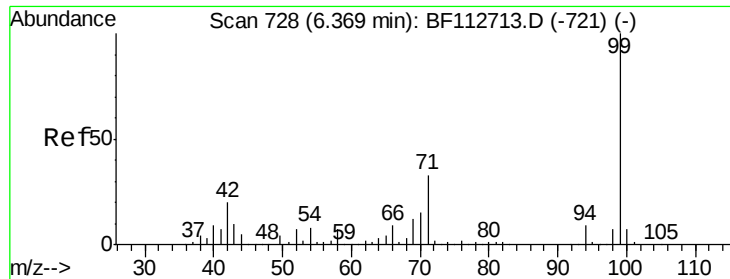
2-Fluorophenol
Concen: 97.087 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Tgt Ion:112 Resp: 990819
Ion Ratio Lower Upper
112 100
64 60.4 47.6 71.4
63 31.4 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: 90.271 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

Instrument :

BNA_F

ClientSampleId :

Z-2-5

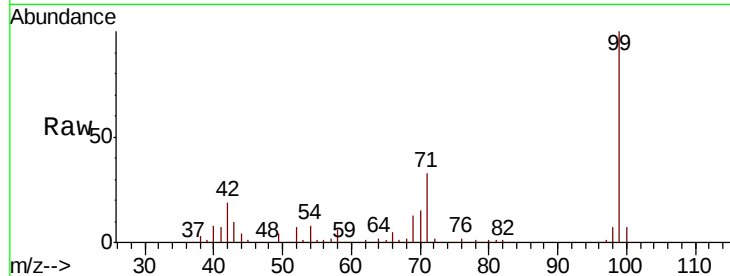
Tgt Ion: 99 Resp: 1157252

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

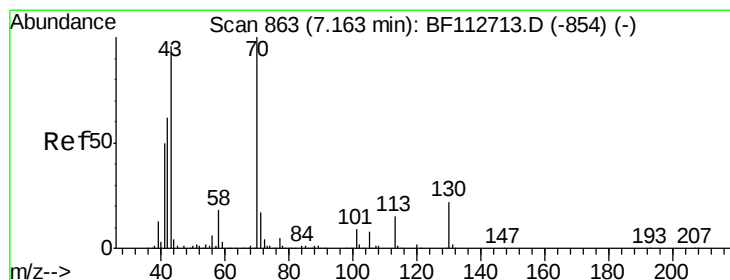
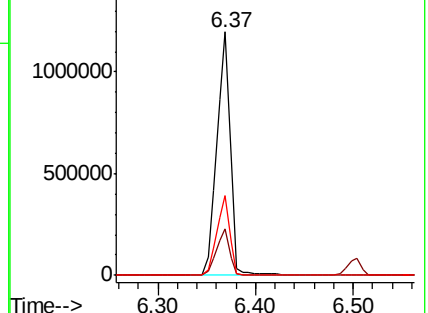
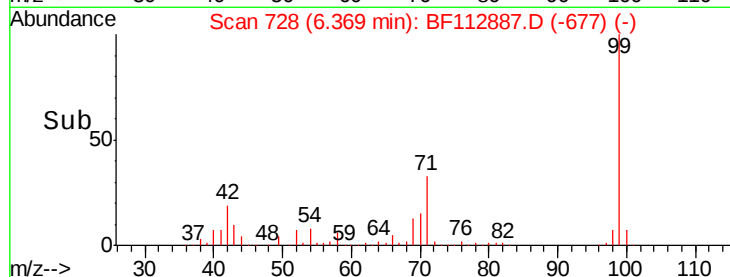
71 32.8 26.2 39.4



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: 14.240 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

Tgt Ion: 70 Resp: 115617

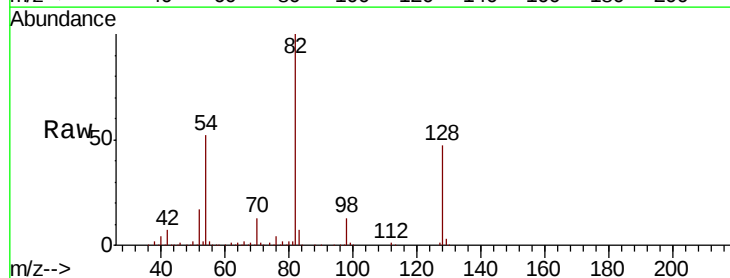
Ion Ratio Lower Upper

70 100

42 49.5 49.9 74.9#

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#

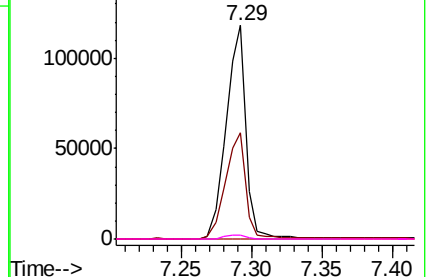
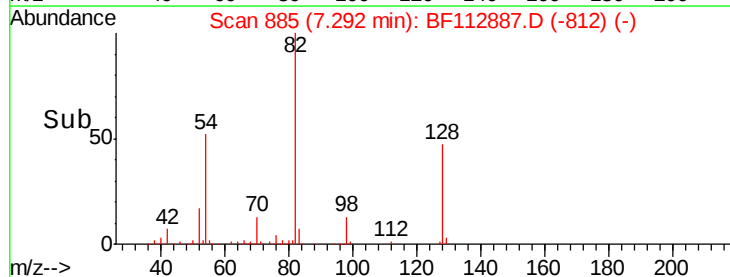


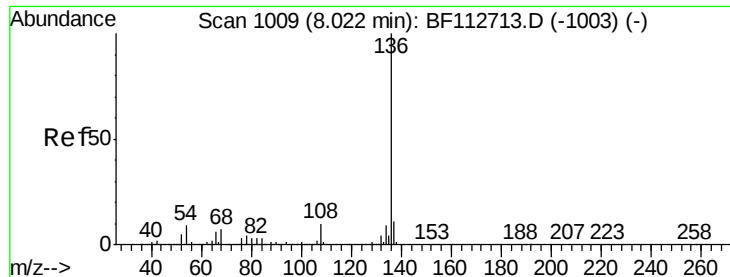
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

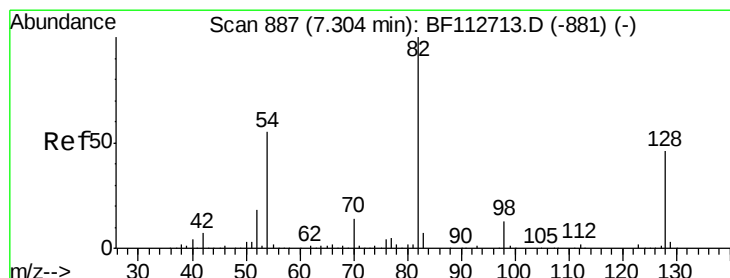
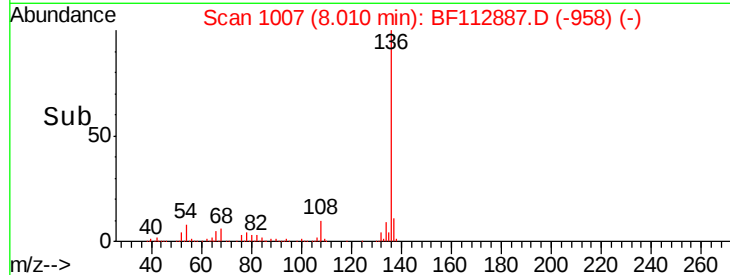
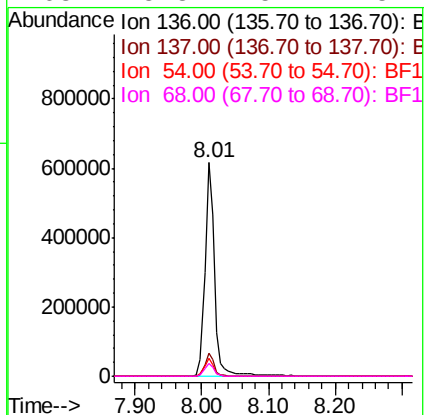
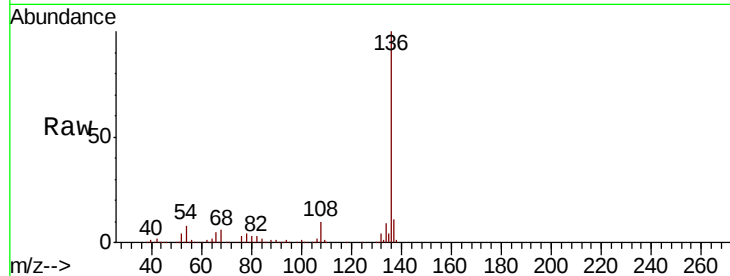




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

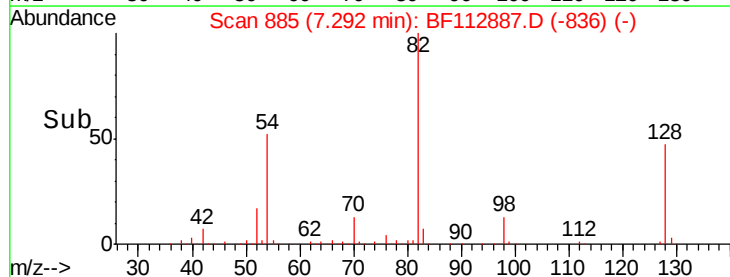
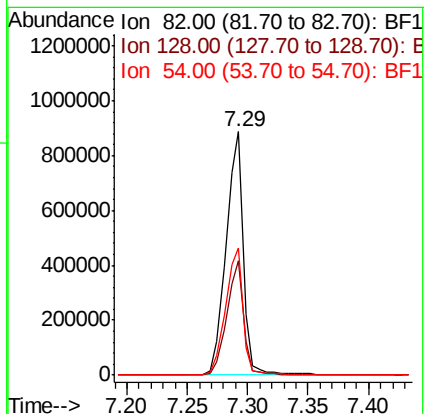
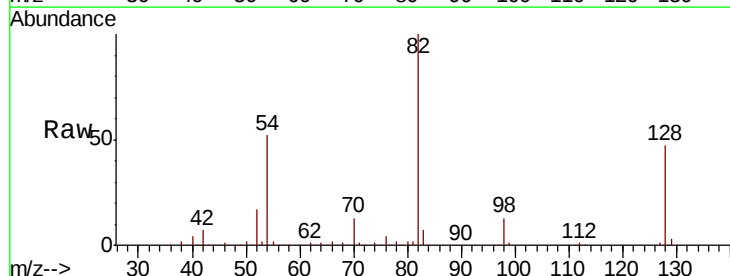
Instrument :
BNA_F
ClientSampleId :
Z-2-5

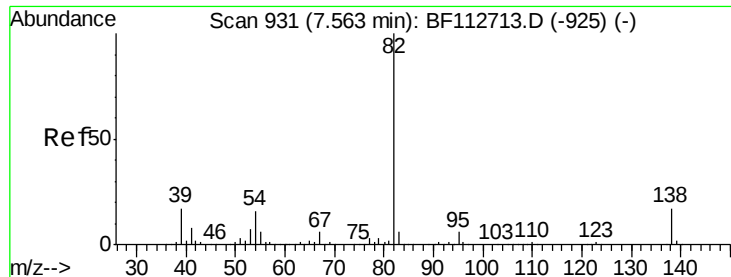
Tgt Ion:	136	Resp:	610521
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	7.3	10.9
68	5.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 86.331 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Tgt Ion:	82	Resp:	880829
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	52.3	43.7	65.5





#25

Isophorone

Concen: 39.955 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

Instrument :

BNA_F

ClientSampleId :

Z-2-5

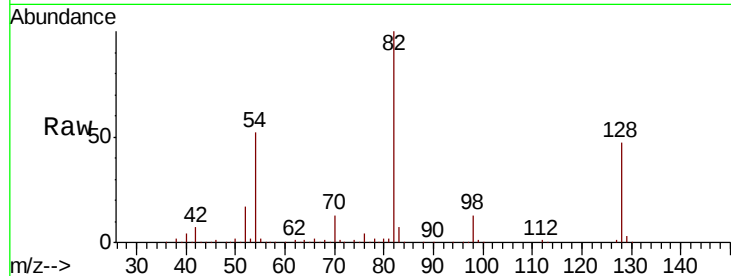
Tgt Ion: 82 Resp: 878235

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

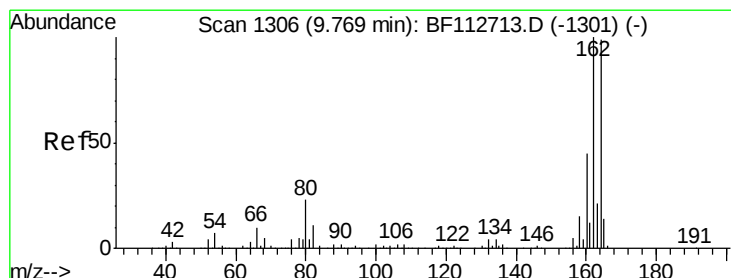
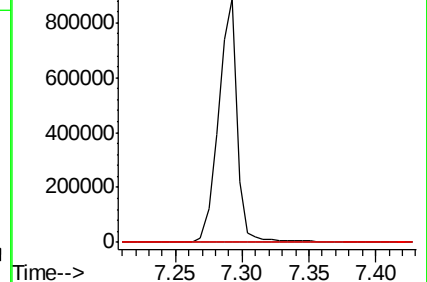
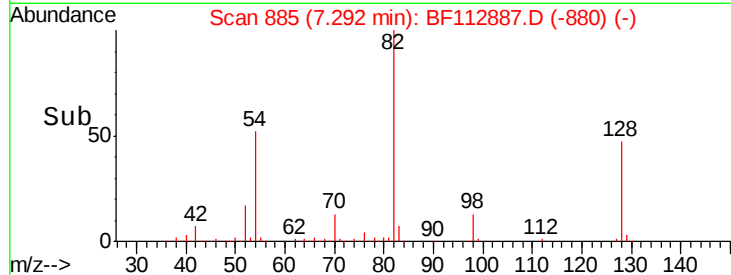
138 0.0 13.8 20.8#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

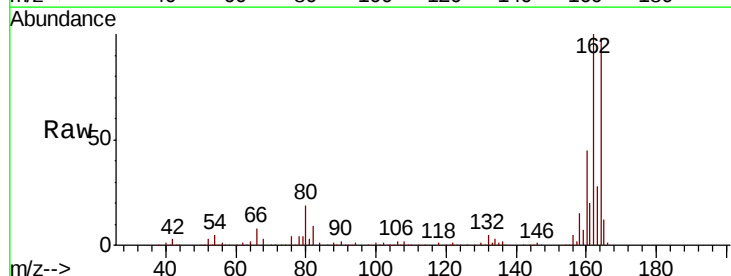
Tgt Ion: 164 Resp: 296427

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

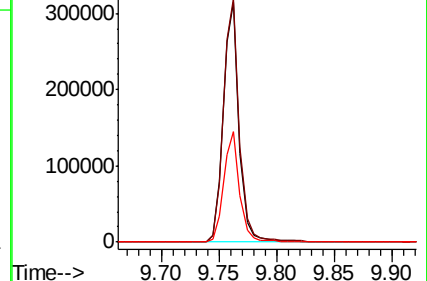
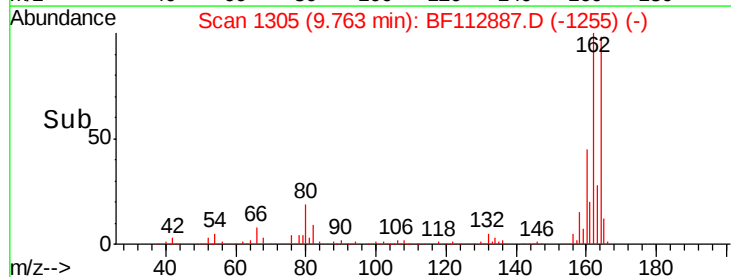
160 46.2 36.0 54.0

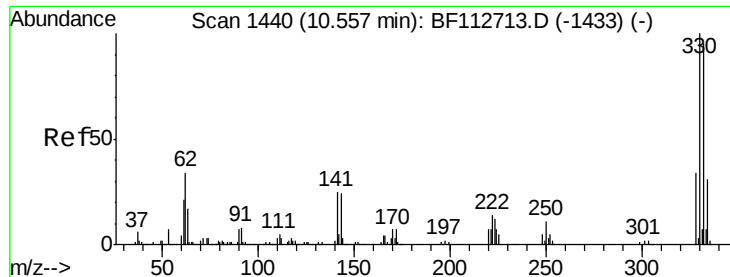


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 142.626 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

Instrument :

BNA_F

ClientSampleId :

Z-2-5

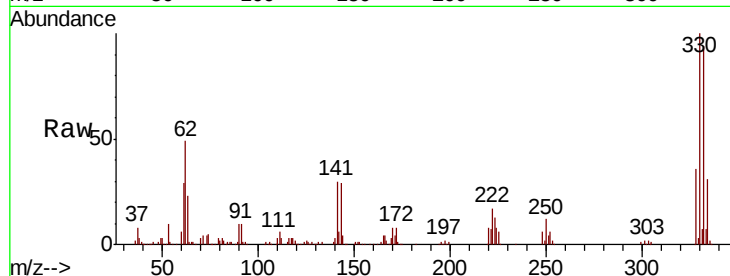
Tgt Ion:330 Resp: 448837

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

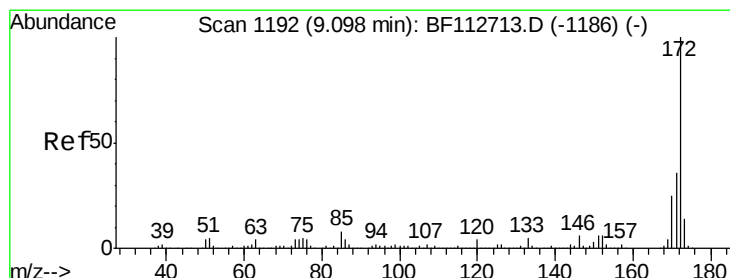
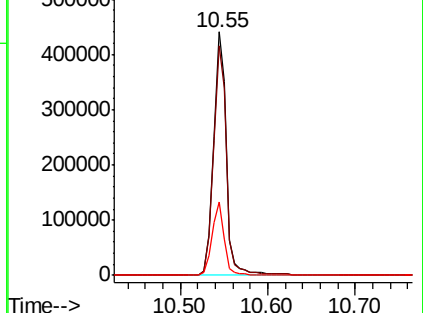
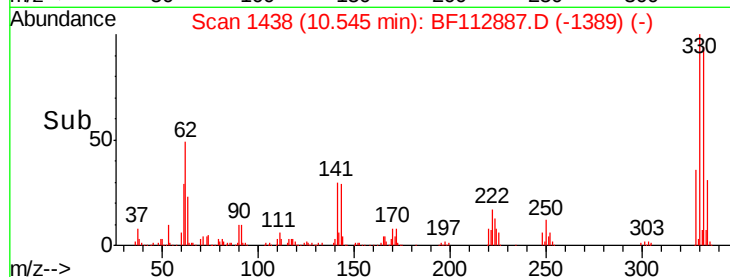
141 29.0 27.0 40.6



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: 94.797 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

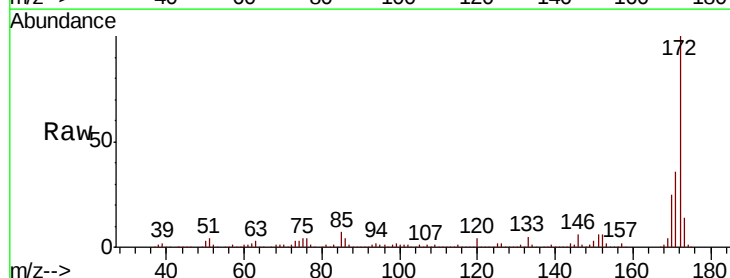
Tgt Ion:172 Resp: 1644620

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

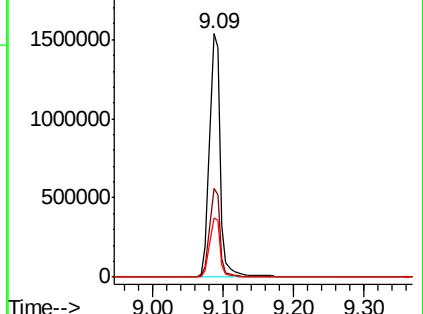
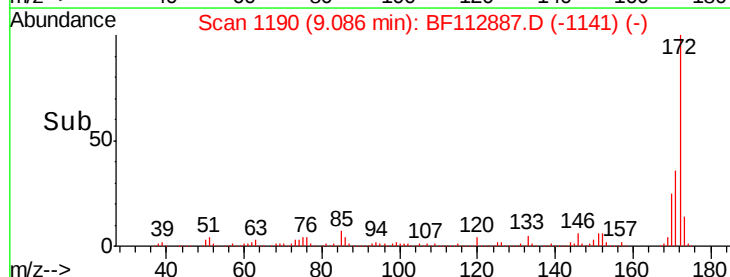
170 24.6 20.0 30.0

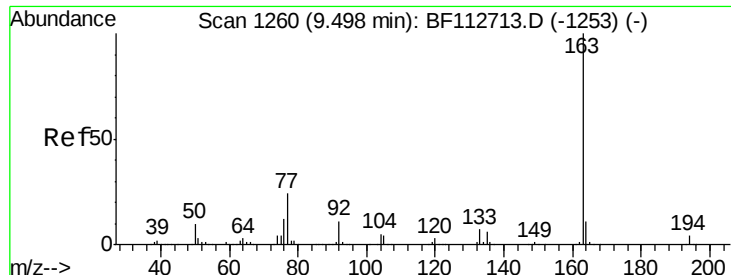


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

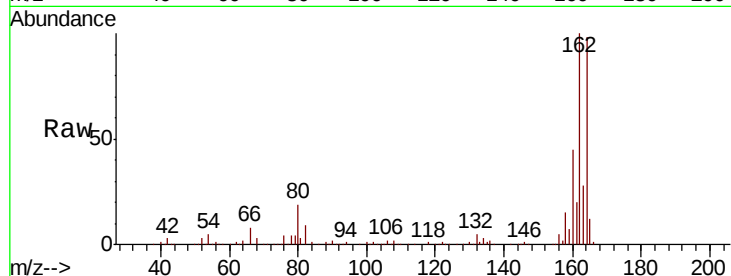




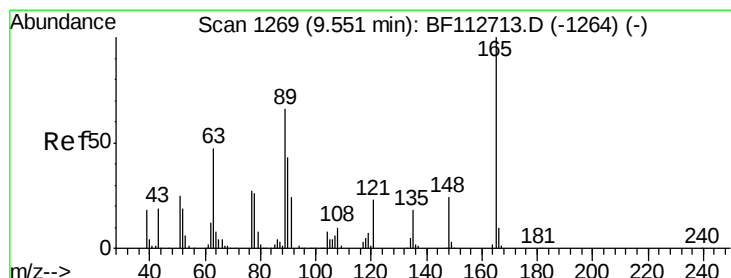
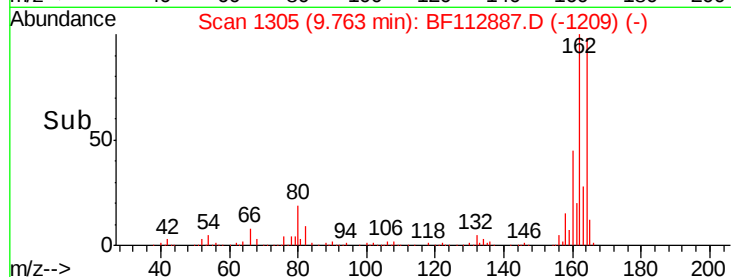
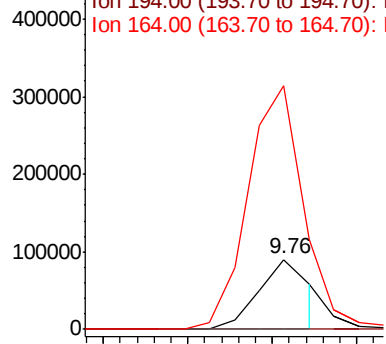
#50
Dimethylphthalate
Concen: 3.446 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Instrument :
BNA_F
ClientSampleId :
Z-2-5

Tgt Ion:163 Resp: 75310
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 348.6 8.4 12.6#

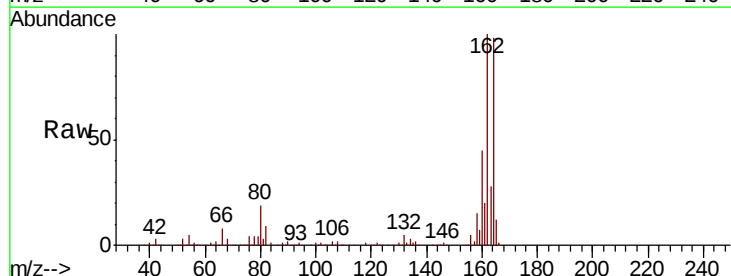


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

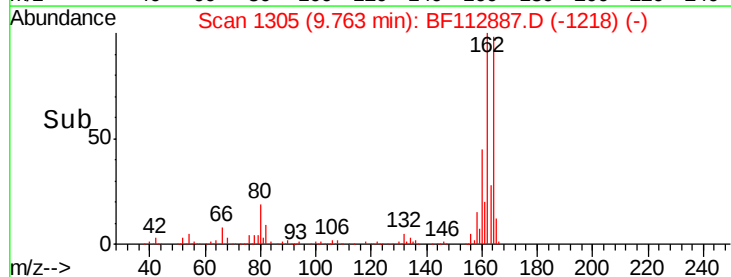
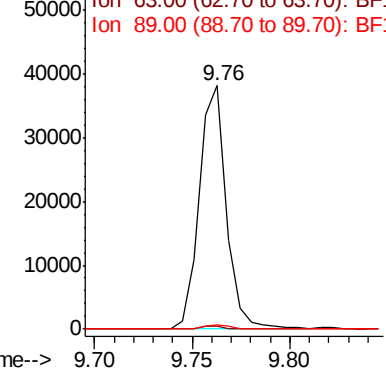


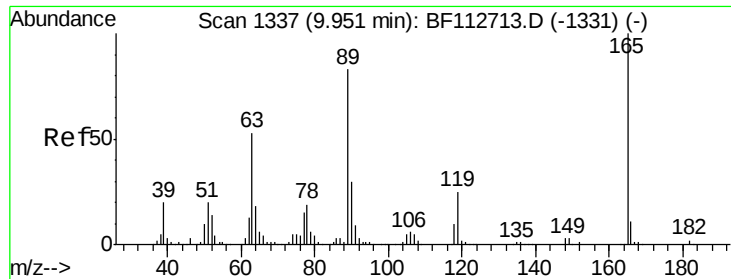
#51
2,6-Dinitrotoluene
Concen: 8.074 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Tgt Ion:165 Resp: 36749
Ion Ratio Lower Upper
165 100
63 1.5 54.1 81.1#
89 1.5 52.8 79.2#



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

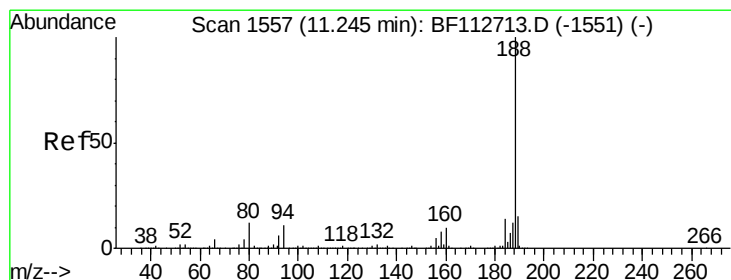
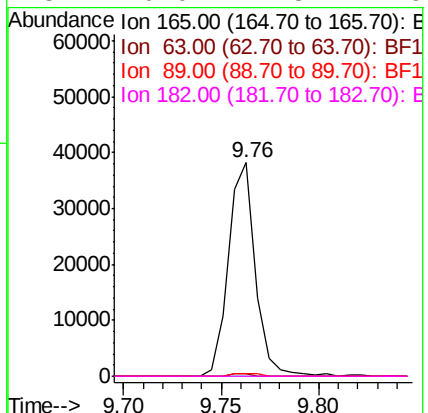
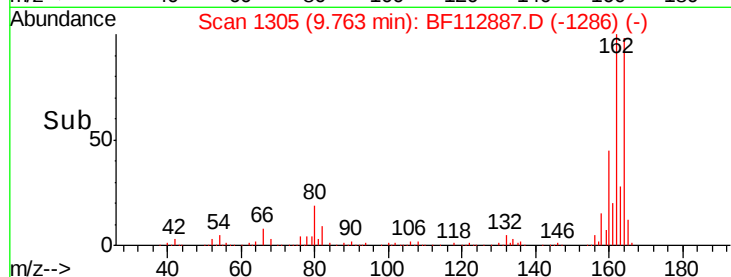
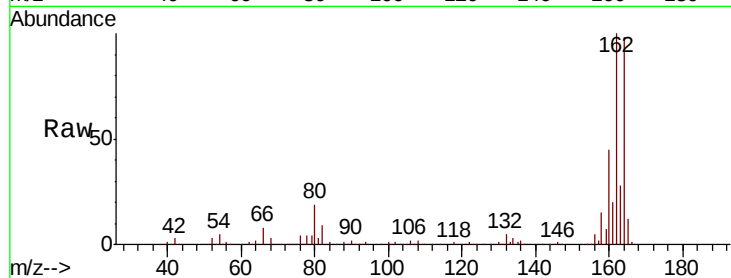




#57
2,4-Dinitrotoluene
Concen: 6.495 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

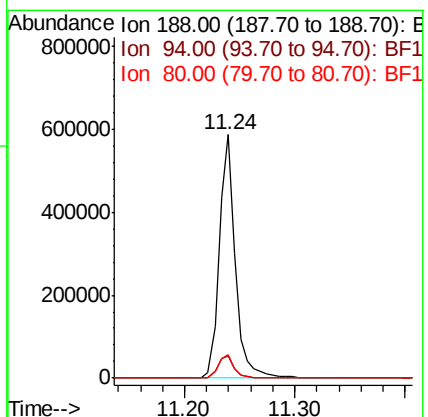
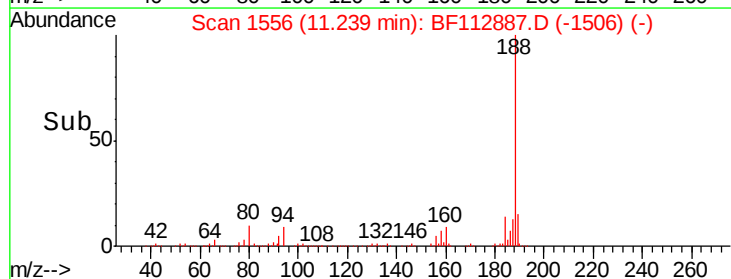
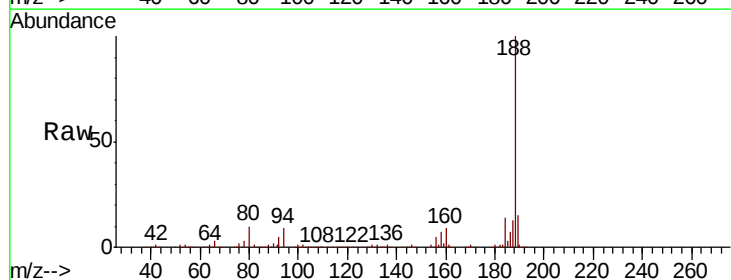
Instrument :
BNA_F
ClientSampleId :
Z-2-5

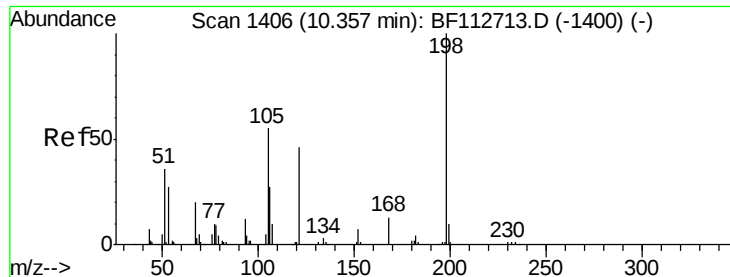
Tgt Ion:	165	Resp:	36749
Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Tgt Ion:	188	Resp:	588952
Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.8	9.2	13.8

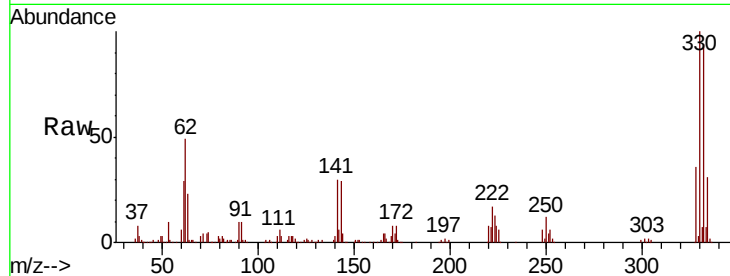




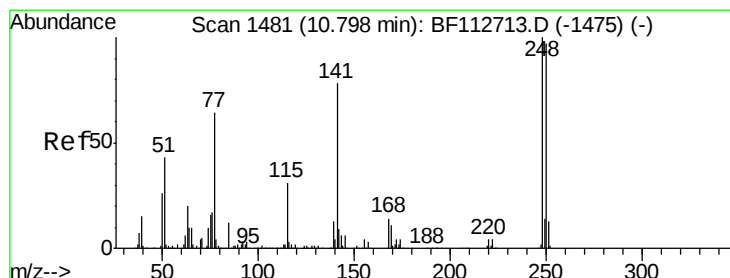
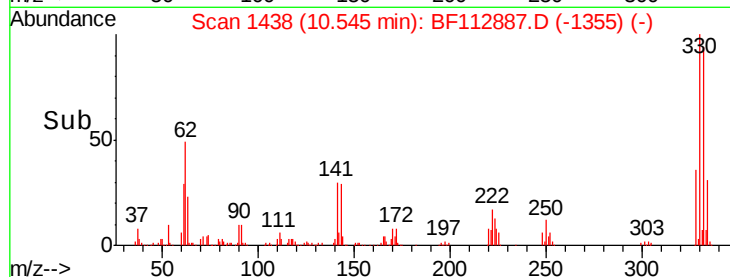
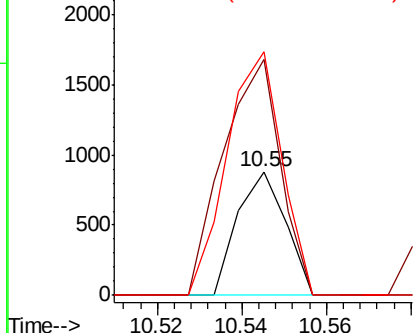
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.873 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112887.D
 Acq: 6 Mar 2019 17:44

Instrument :
 BNA_F
 ClientSampled :
 Z-2-5

Tgt Ion:198 Resp: 696
 Ion Ratio Lower Upper
 198 100
 51 190.6 43.8 83.8#
 105 196.8 36.5 76.5#

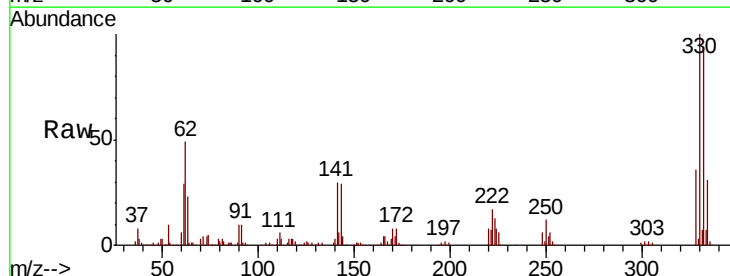


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

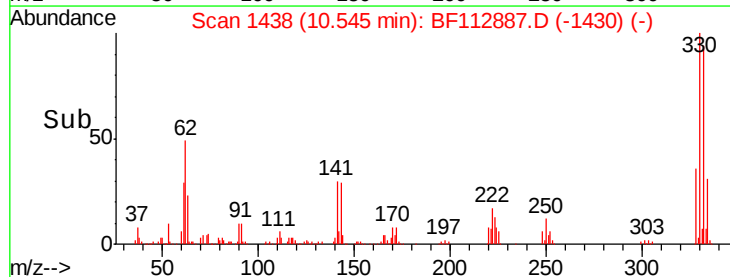
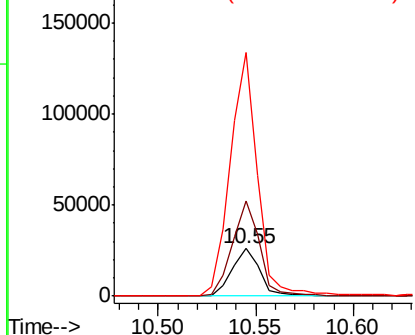


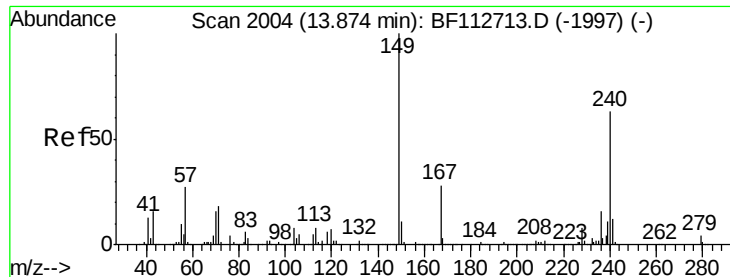
#67
 4-Bromophenyl-phenylether
 Concen: 4.146 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112887.D
 Acq: 6 Mar 2019 17:44

Tgt Ion:248 Resp: 25722
 Ion Ratio Lower Upper
 248 100
 250 201.0 77.5 116.3#
 141 511.9 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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

Instrument :

BNA_F

ClientSampled :

Z-2-5

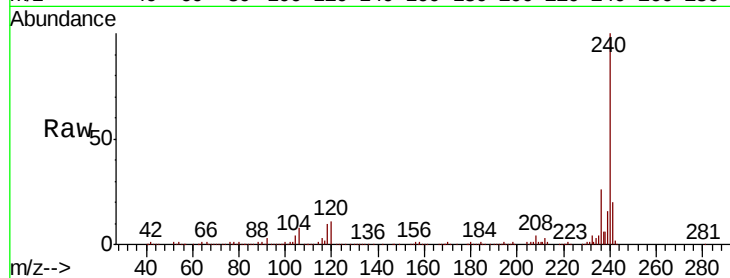
Tgt Ion:240 Resp: 423321

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

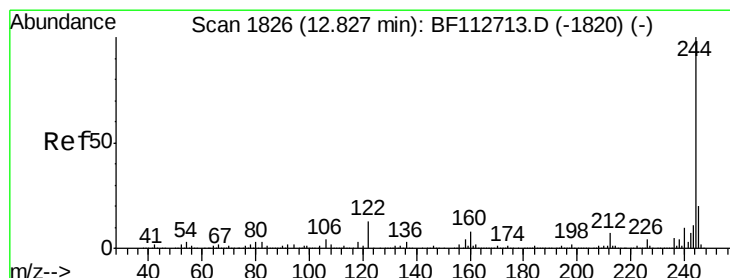
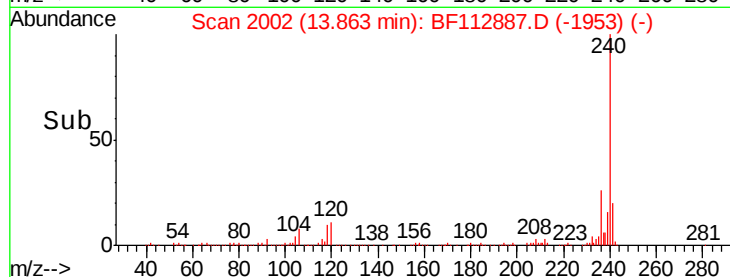
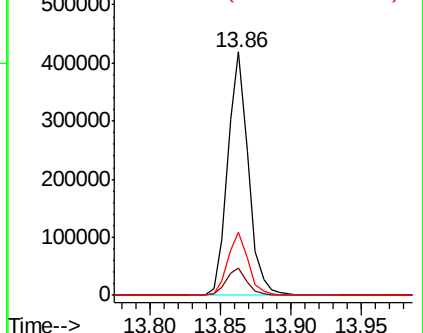
236 26.0 20.7 31.1



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: 78.716 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

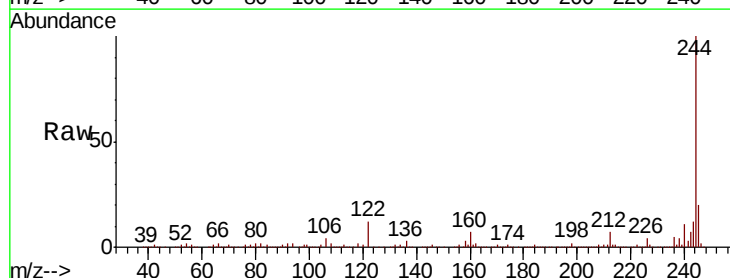
Tgt Ion:244 Resp: 1718957

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

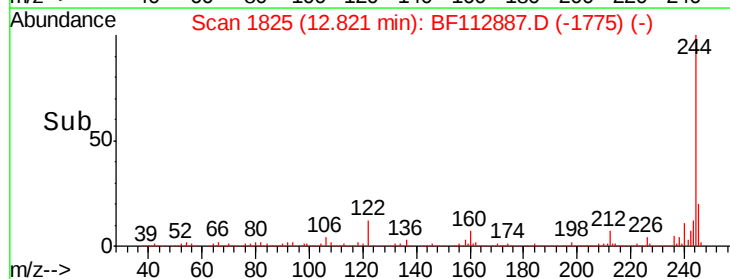
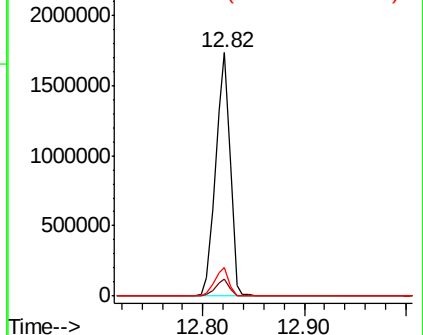
122 11.5 10.5 15.7

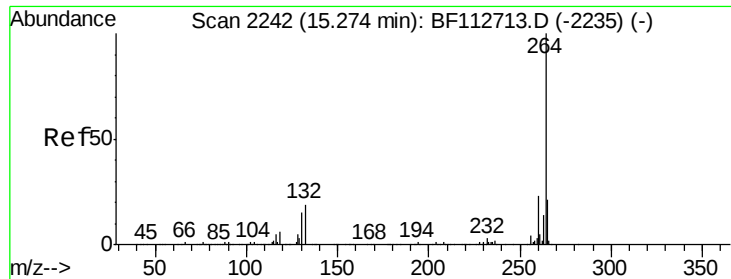


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Instrument :
BNA_F
ClientSampleId :
Z-2-5

Tgt Ion:264 Resp: 404616
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.5 17.2 25.8

