

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112888.D
 Acq On : 6 Mar 2019 18:12
 Operator : JU/SJ
 Sample : K1753-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-6

Quant Time: Mar 07 04:19:34 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

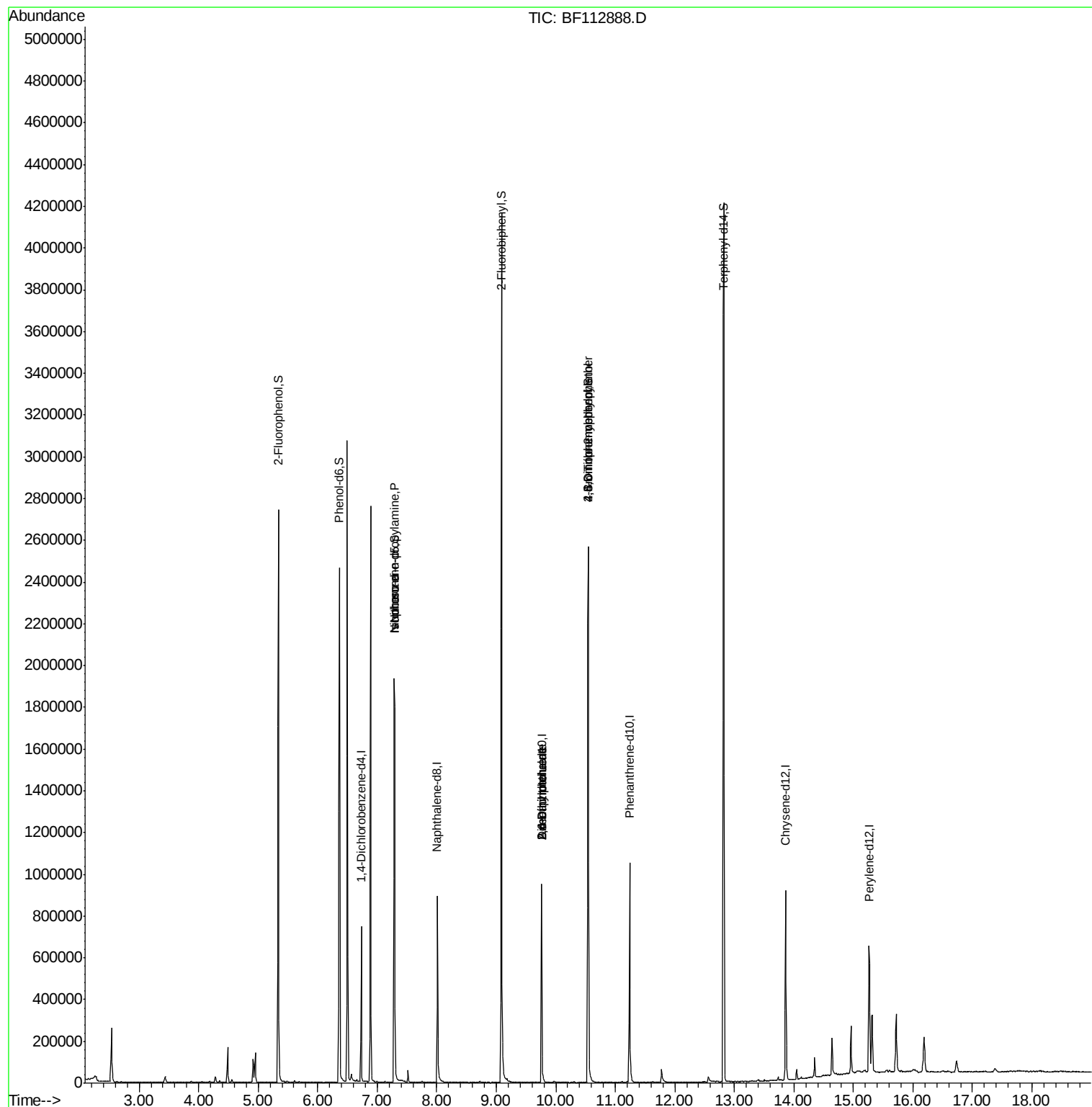
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115909	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	446871	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	220948	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	460976	20.00	ng	0.00
76) Chrysene-d12	13.86	240	384258	20.00	ng	-0.01
87) Perylene-d12	15.26	264	312128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	767095	102.95	ng	0.00
7) Phenol-d6	6.36	99	883590	94.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	674681	90.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	371159	158.23	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1313199	104.88	ng	-0.01
79) Terphenyl-d14	12.82	244	1545441	77.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	87956	14.837	ng	# 78
25) Isophorone	7.29	82	674670	41.934	ng	# 66
50) Dimethylphthalate	9.76	163	55950	3.434	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	27766	8.184	ng	# 17
57) 2,4-Dinitrotoluene	9.76	165	27766	6.584	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	522	4.862	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	20779	4.280	ng	# 1

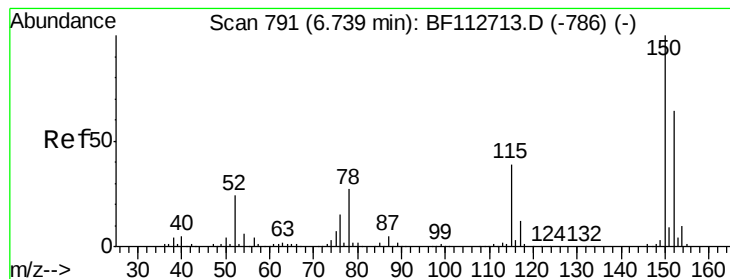
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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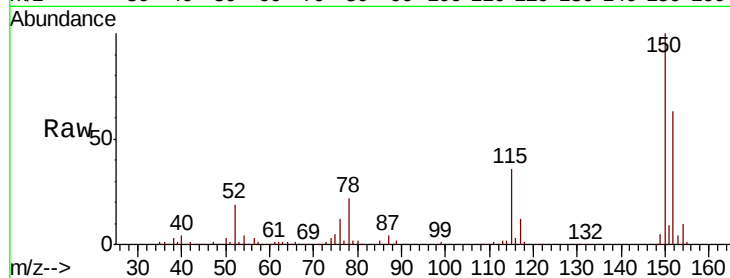


#1

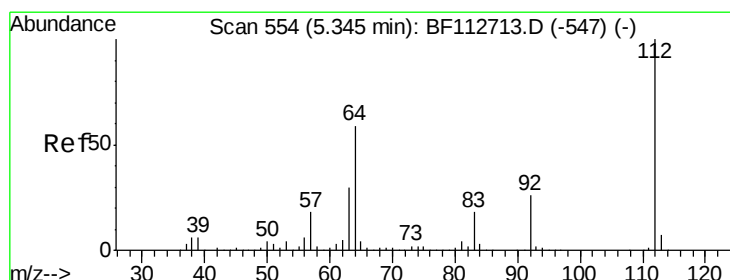
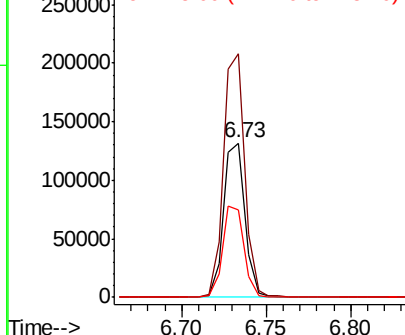
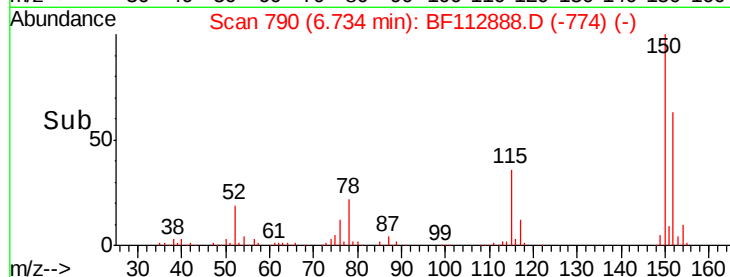
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Instrument :
BNA_F
ClientSampleId :
Z-2-6

Tgt Ion:152 Resp: 115909
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 56.2 48.2 72.4



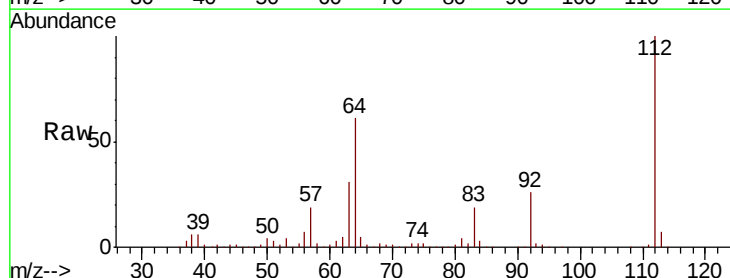
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



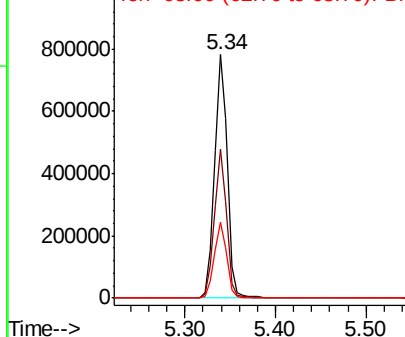
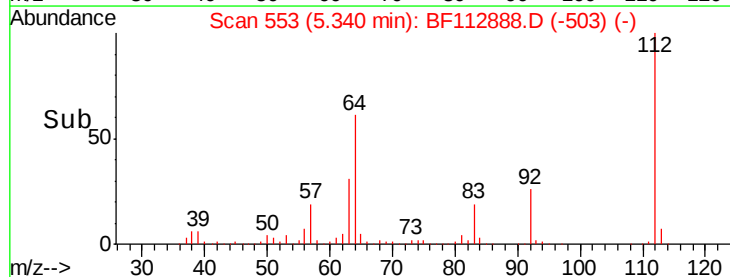
#5

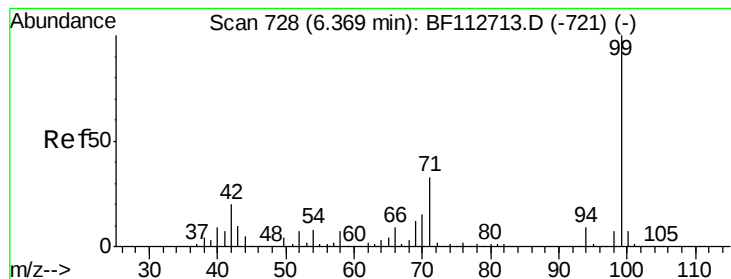
2-Fluorophenol
Concen: 102.947 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Tgt Ion:112 Resp: 767095
Ion Ratio Lower Upper
112 100
64 61.1 47.6 71.4
63 31.3 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: 94.399 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

Instrument :

BNA_F

ClientSampled :

Z-2-6

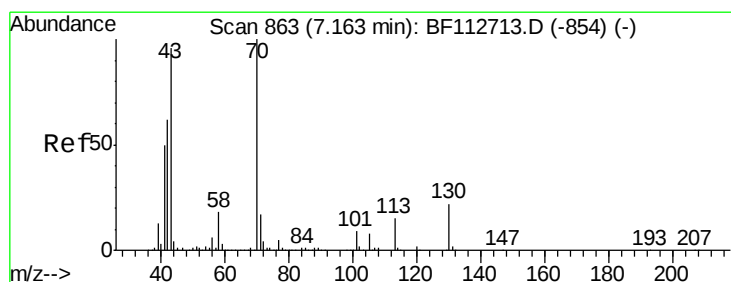
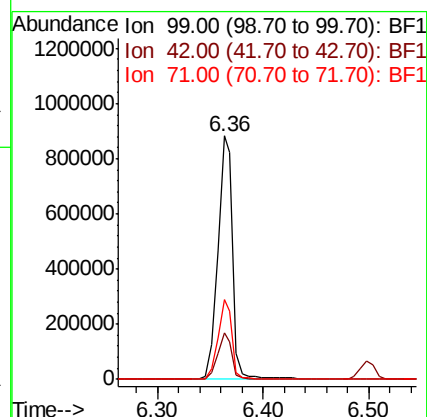
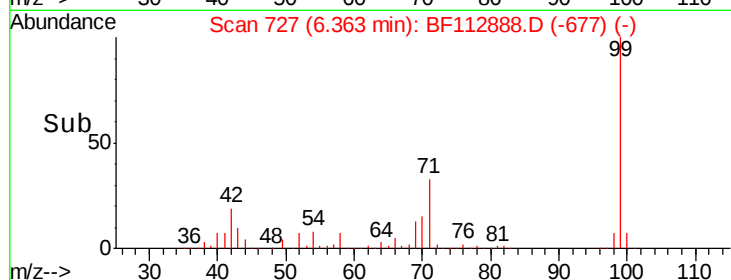
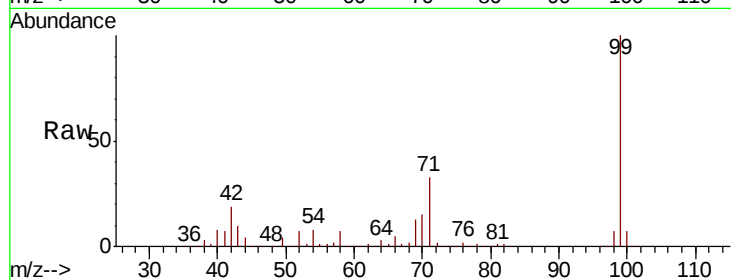
Tgt Ion: 99 Resp: 883590

Ion Ratio Lower Upper

99 100

42 19.2 16.3 24.5

71 32.9 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.837 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

Tgt Ion: 70 Resp: 87956

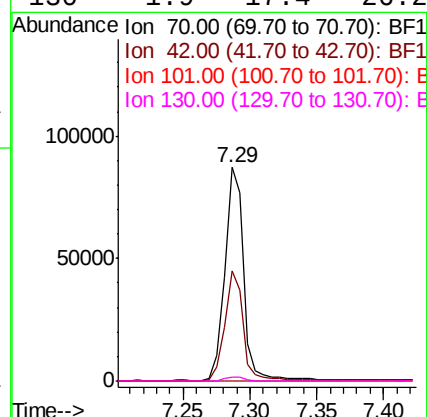
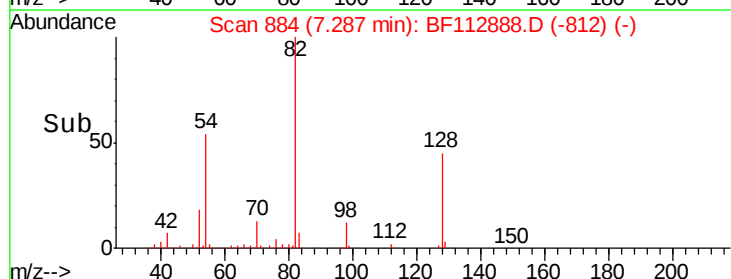
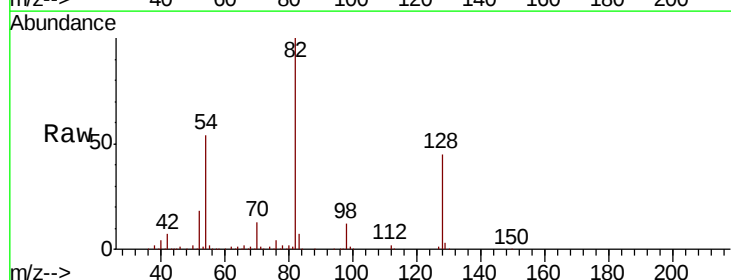
Ion Ratio Lower Upper

70 100

42 51.7 49.9 74.9

101 0.0 7.4 11.2#

130 1.9 17.4 26.2#

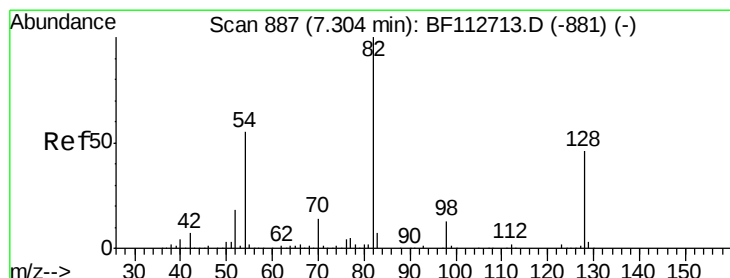
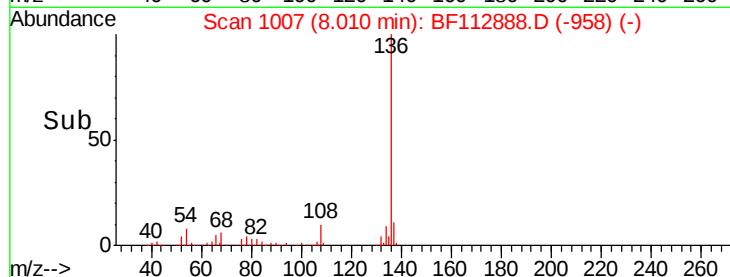
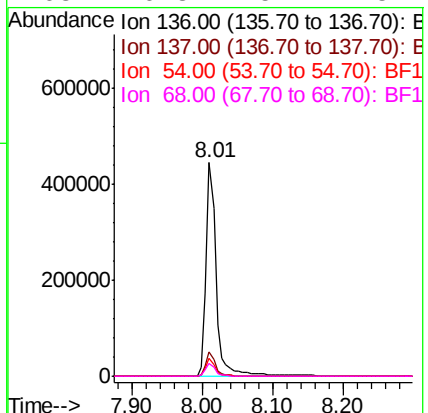
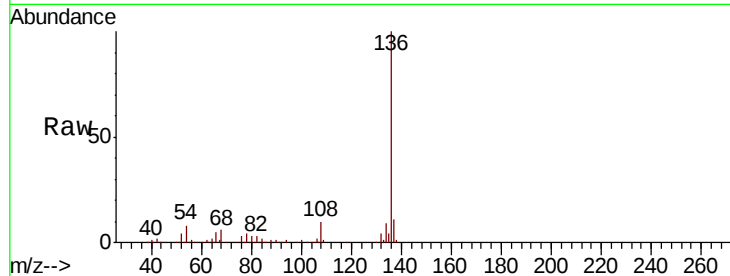




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

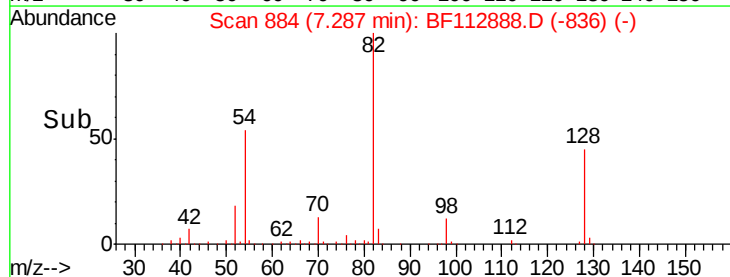
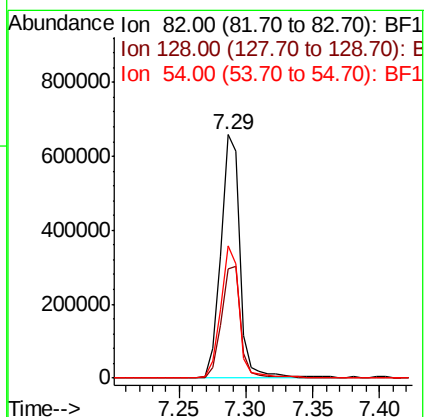
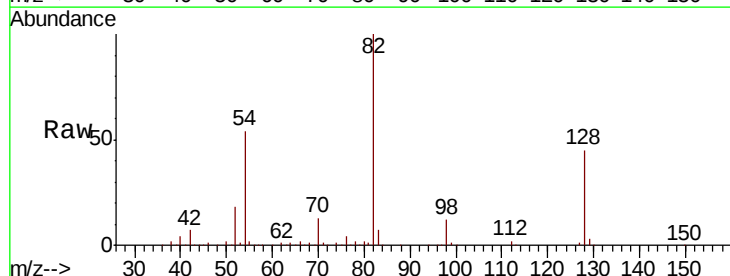
Instrument :
BNA_F
ClientSampleId :
Z-2-6

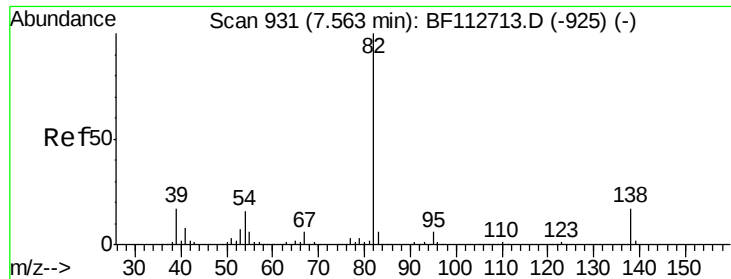
Tgt Ion:	136	Resp:	446871
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.3	10.9
68	6.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 90.343 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Tgt Ion:	82	Resp:	674681
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	54.1	43.7	65.5





#25

Isophorone

Concen: 41.934 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

Instrument :

BNA_F

ClientSampleId :

Z-2-6

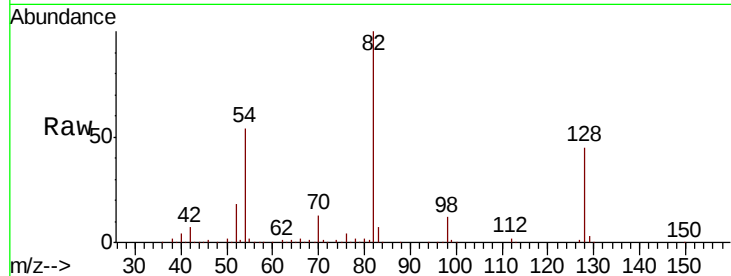
Tgt Ion: 82 Resp: 674670

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

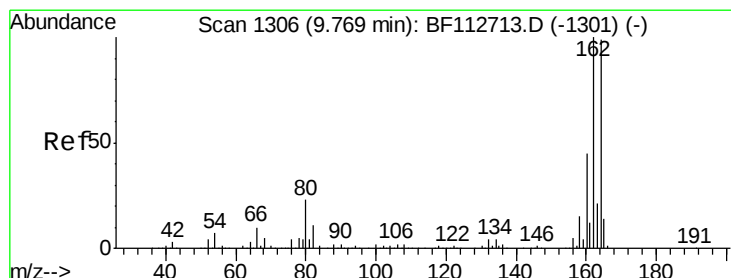
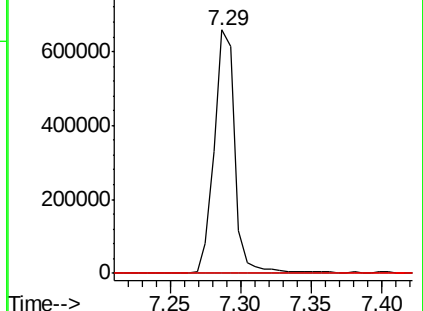
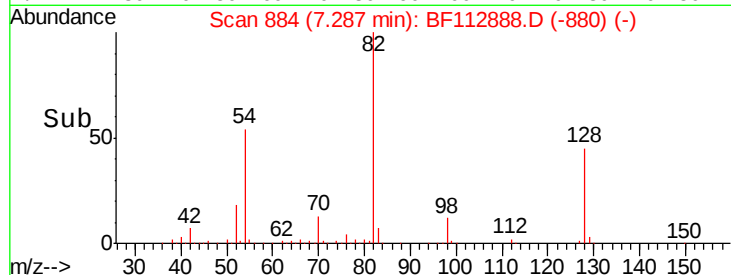
138 0.0 13.8 20.8#



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: BF112888.D

Acq: 6 Mar 2019 18:12

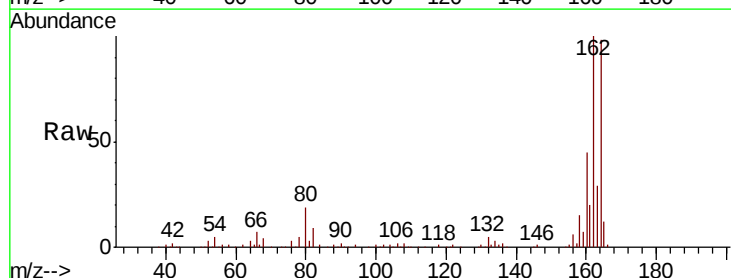
Tgt Ion: 164 Resp: 220948

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

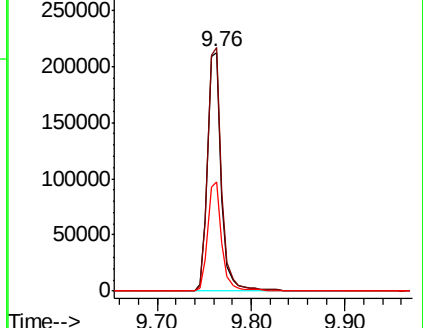
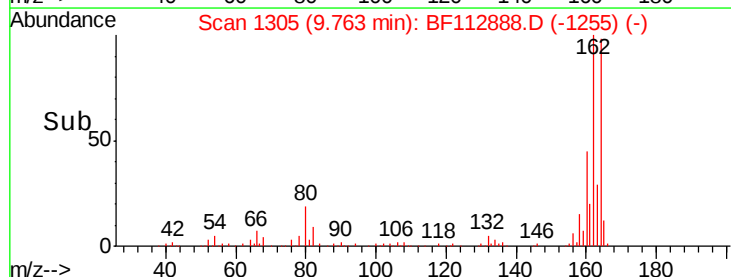
160 46.0 36.0 54.0



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

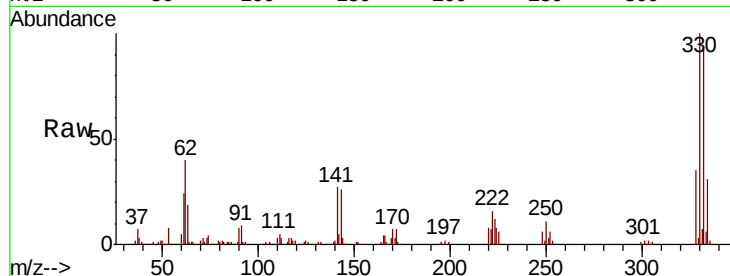




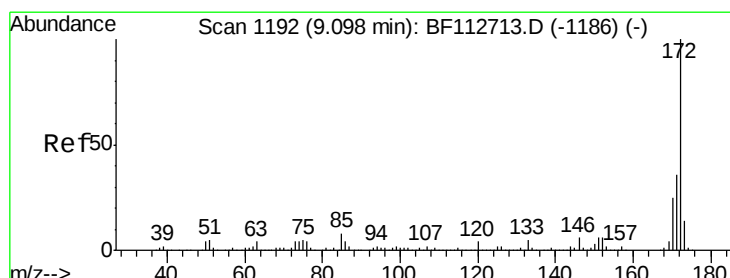
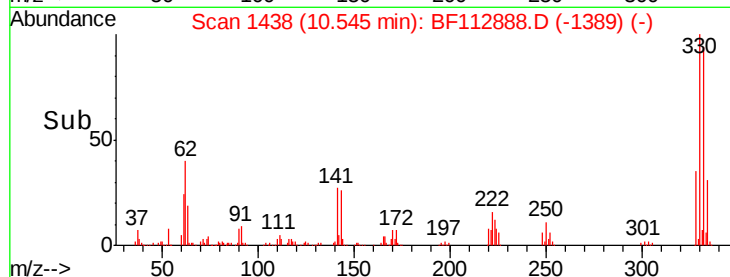
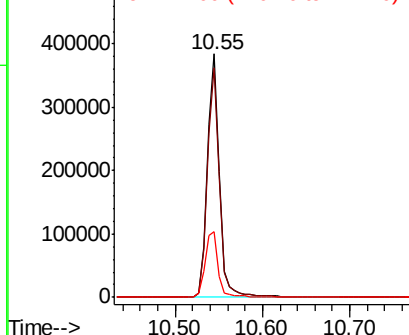
#42
 2,4,6-Tribromophenol
 Concen: 158.234 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112888.D
 Acq: 6 Mar 2019 18:12

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-6

Tgt Ion:330 Resp: 371159
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.2 114.4
 141 29.1 27.0 40.6

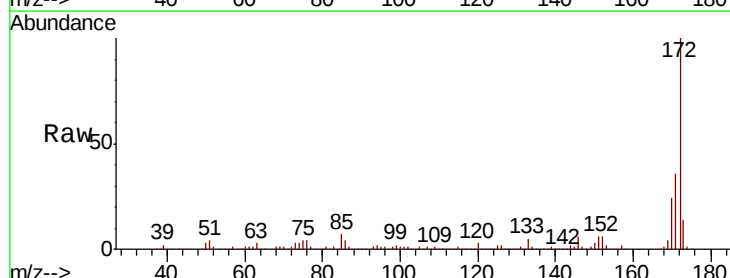


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

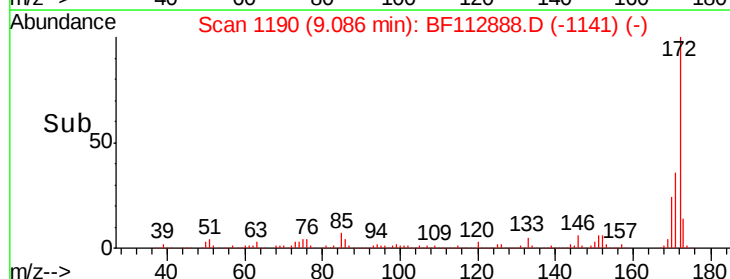
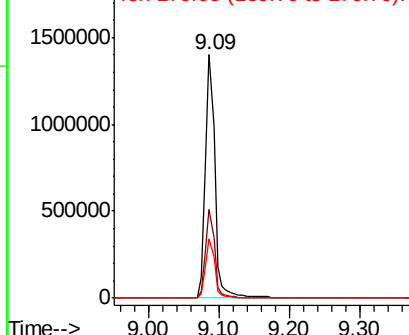


#45
 2-Fluorobiphenyl
 Concen: 104.877 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112888.D
 Acq: 6 Mar 2019 18:12

Tgt Ion:172 Resp: 1313199
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.5 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

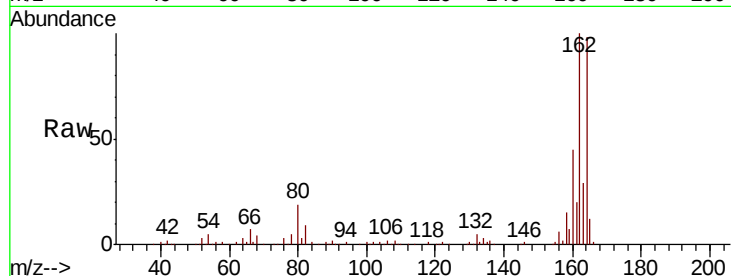




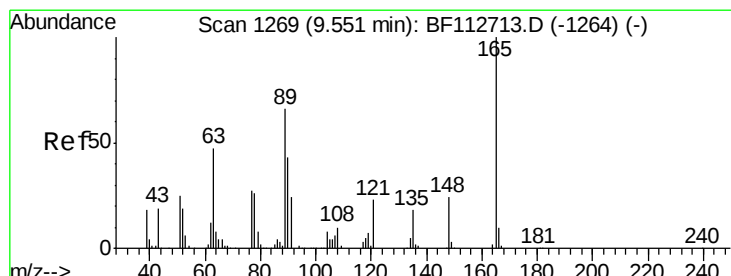
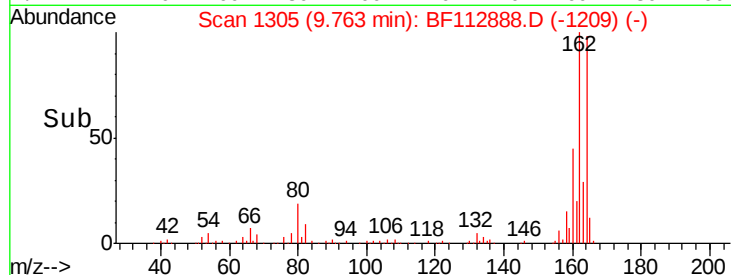
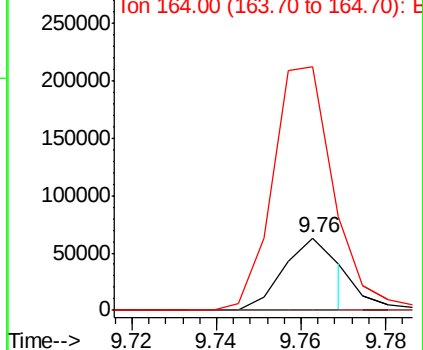
#50
Dimethylphthalate
Concen: 3.434 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Instrument :
BNA_F
ClientSampled :
Z-2-6

Tgt Ion:163 Resp: 55950
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 335.3 8.4 12.6#

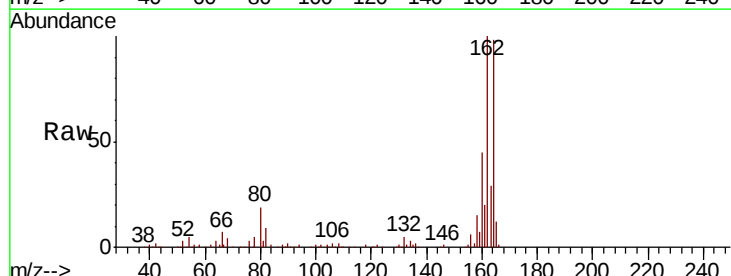


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

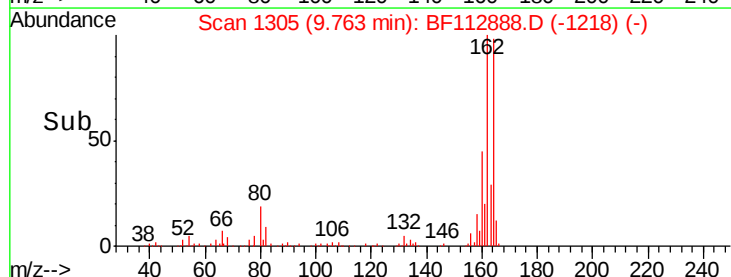
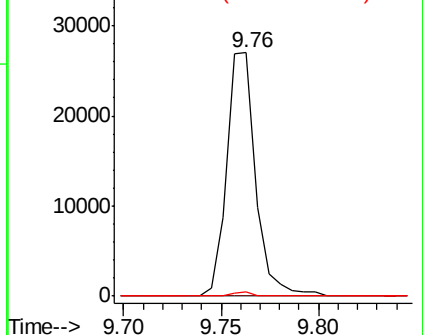


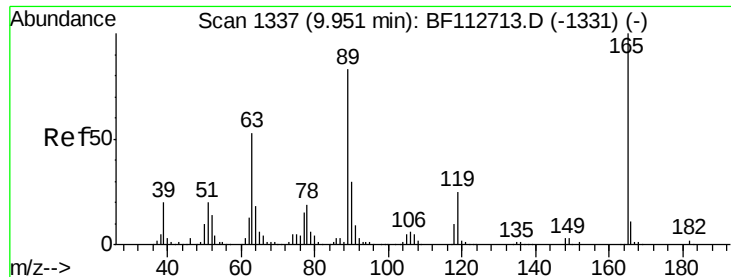
#51
2,6-Dinitrotoluene
Concen: 8.184 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Tgt Ion:165 Resp: 27766
Ion Ratio Lower Upper
165 100
63 0.0 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

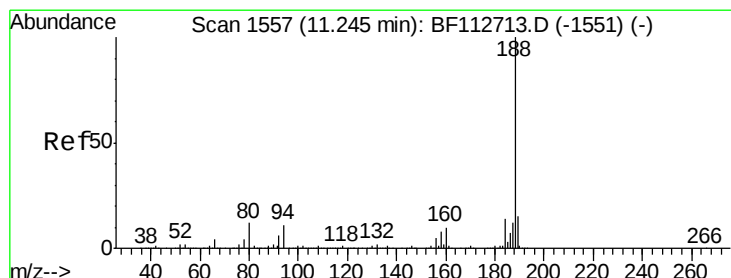
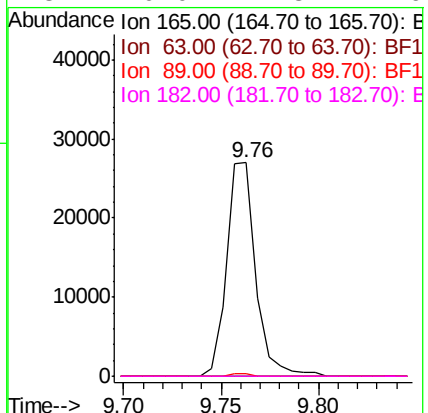
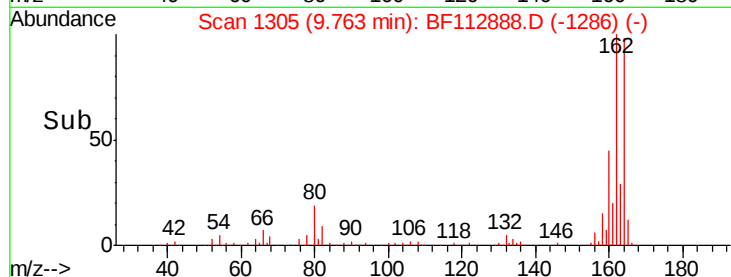
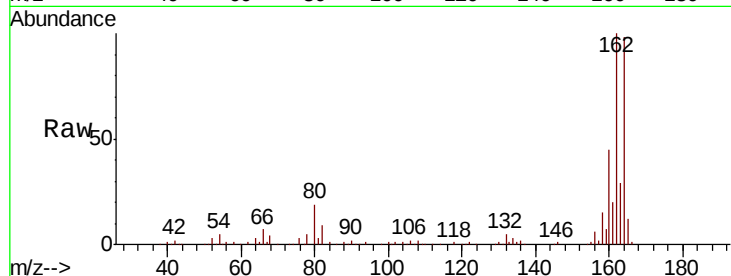




#57
2,4-Dinitrotoluene
Concen: 6.584 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

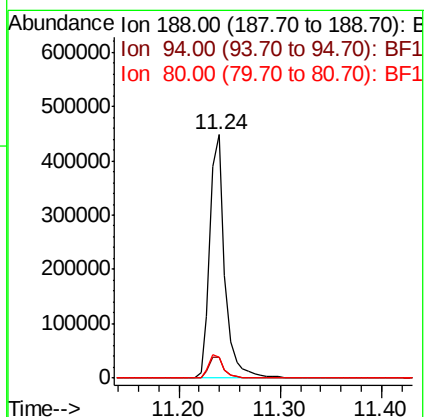
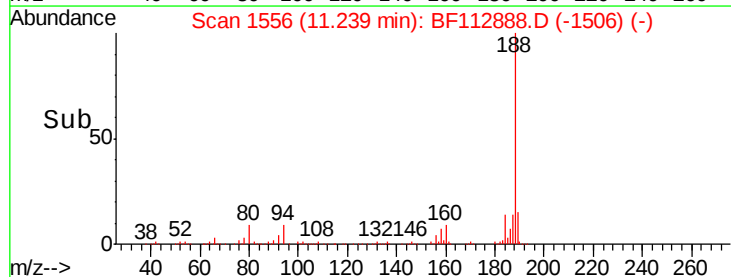
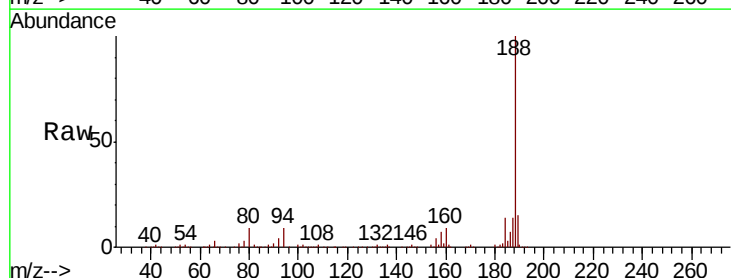
Instrument :
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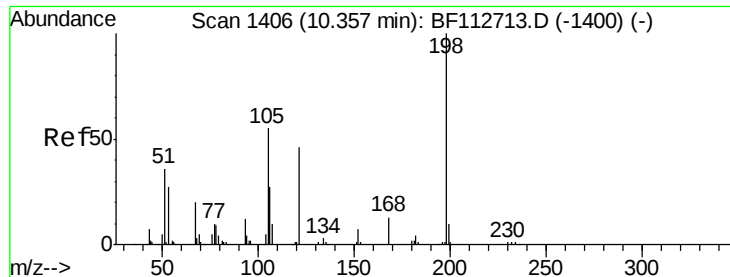
Tgt Ion:	165	Resp:	27766
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Tgt Ion:	188	Resp:	460976
Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	8.7	9.2	13.8#

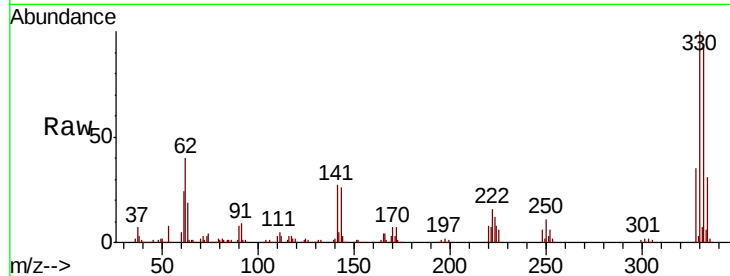




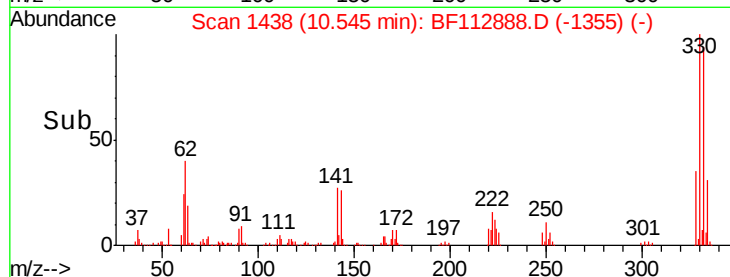
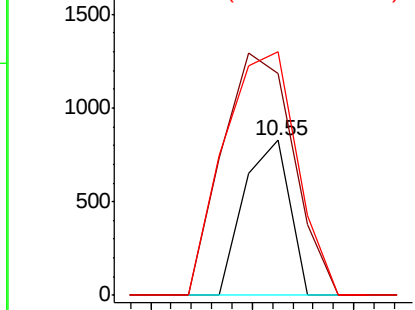
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.862 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112888.D
 Acq: 6 Mar 2019 18:12

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-6

Tgt Ion:198 Resp: 522
 Ion Ratio Lower Upper
 198 100
 51 143.4 43.8 83.8#
 105 157.2 36.5 76.5#

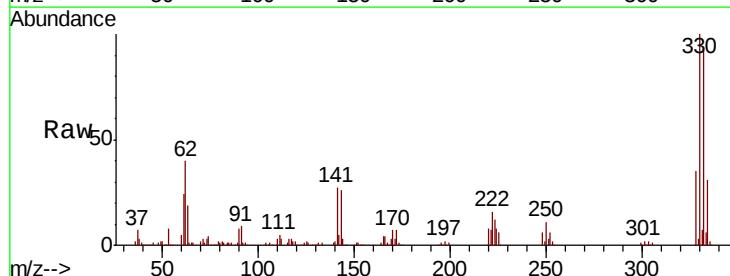


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

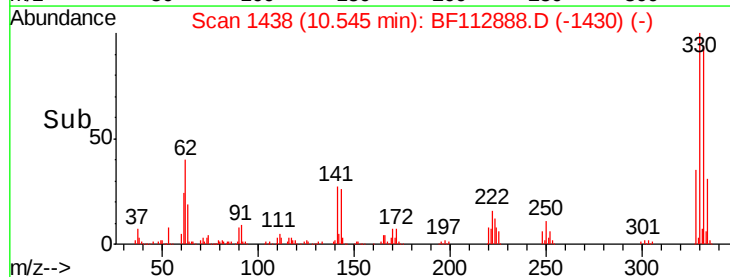
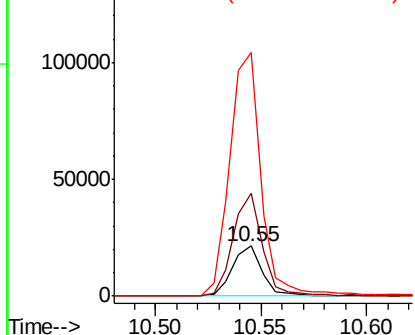


#67
 4-Bromophenyl-phenylether
 Concen: 4.280 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112888.D
 Acq: 6 Mar 2019 18:12

Tgt Ion:248 Resp: 20779
 Ion Ratio Lower Upper
 248 100
 250 206.4 77.5 116.3#
 141 488.3 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

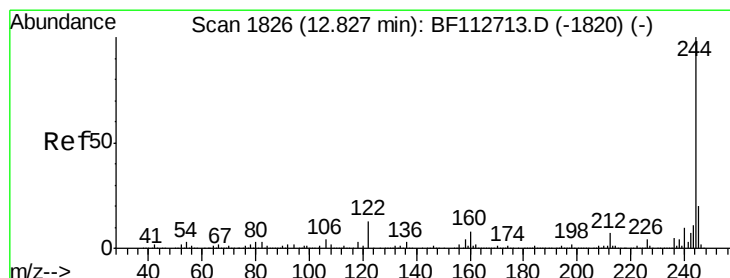
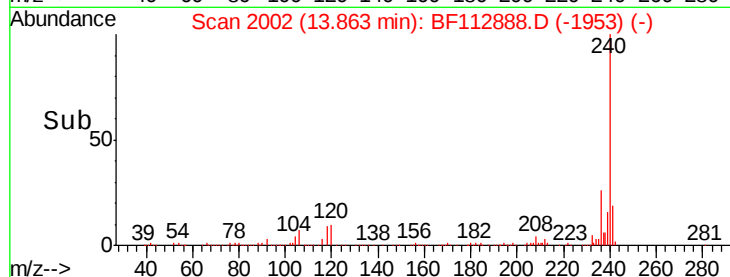
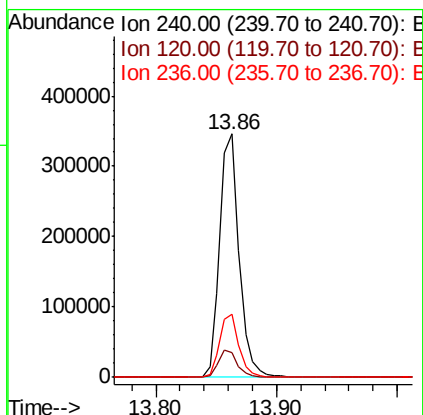
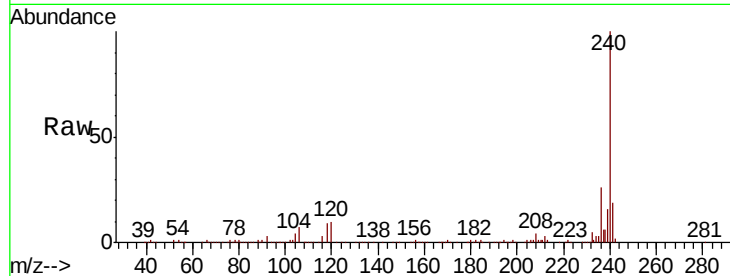




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

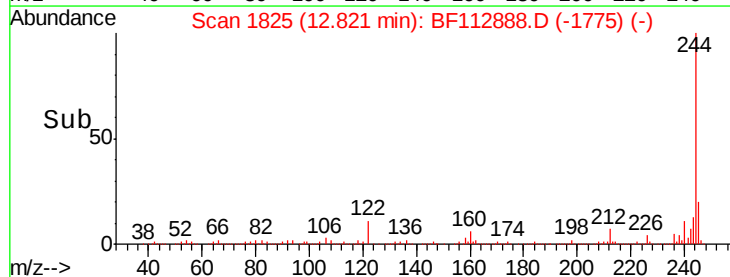
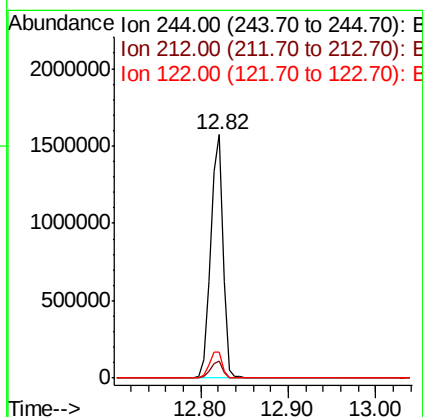
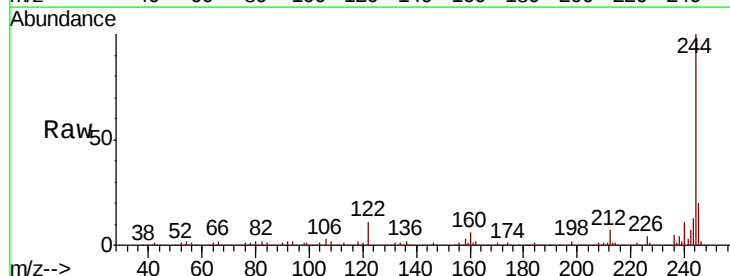
Instrument :
BNA_F
ClientSampleId :
Z-2-6

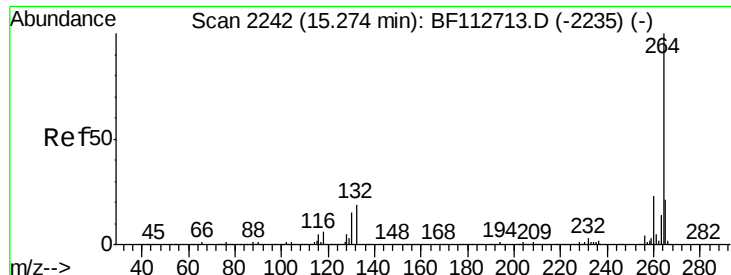
Tgt Ion:240 Resp: 384258
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 77.964 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Tgt Ion:244 Resp: 1545441
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.7 10.5 15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Instrument :
BNA_F
ClientSampleId :
Z-2-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.9	17.2	25.8

