

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112956.D
 Acq On : 11 Mar 2019 15:58
 Operator : JU/SJ
 Sample : K1837-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-07-COMP

Quant Time: Mar 12 04:38:22 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

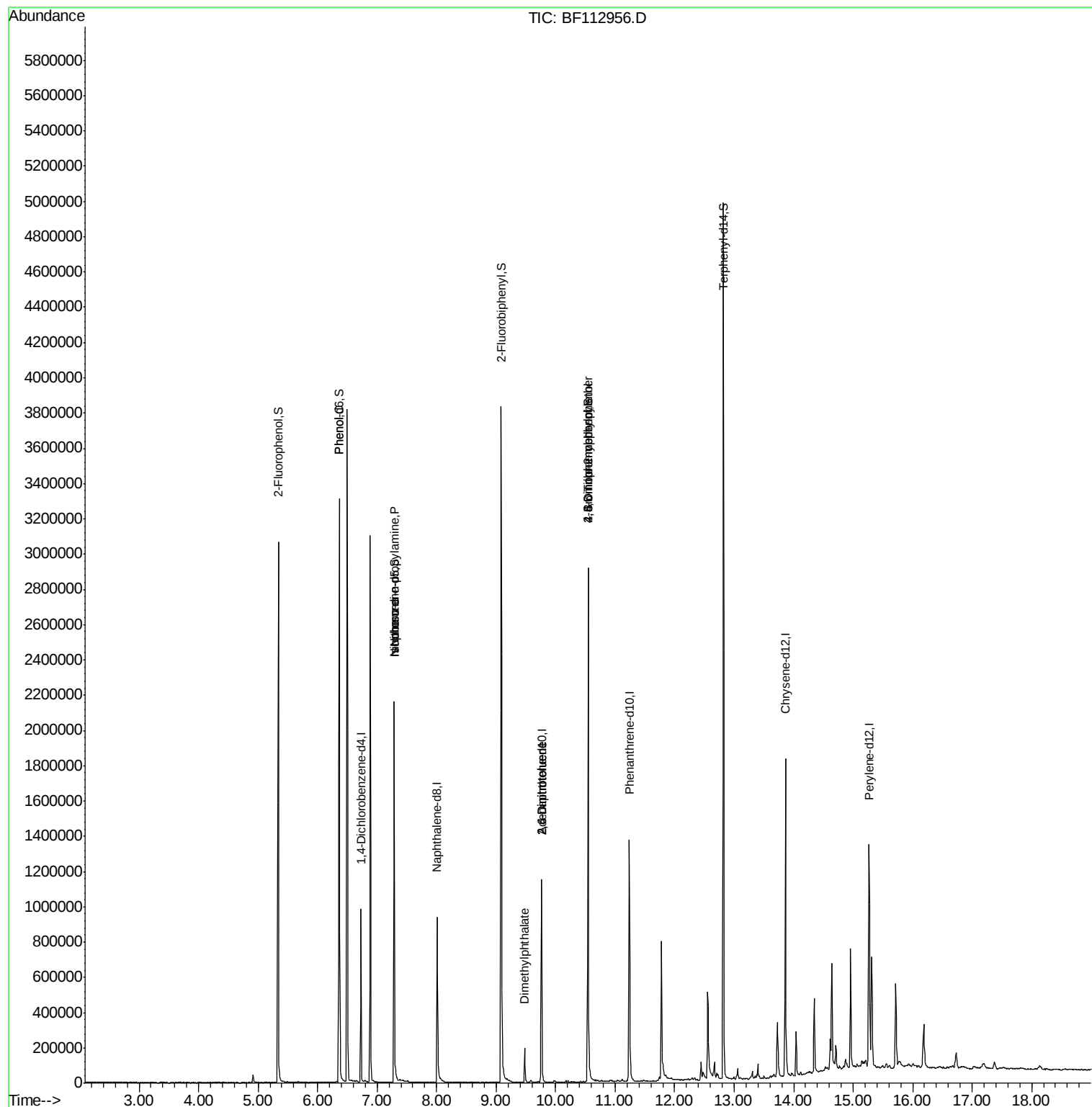
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	133314	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	506525	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	250093	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	573646	20.00	ng	0.00
76) Chrysene-d12	13.86	240	647437	20.00	ng	-0.01
87) Perylene-d12	15.27	264	615537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	953874	111.30	ng	0.00
7) Phenol-d6	6.37	99	1249144	116.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	750535	88.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	414233	156.02	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1306377	87.12	ng	-0.01
79) Terphenyl-d14	12.82	244	1800585	53.91	ng	0.00
Target Compounds						
10) Phenol	6.37	94	56859	4.526	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	96751	14.190	ng	# 77
25) Isophorone	7.29	82	746575	40.939	ng	# 66
50) Dimethylphthalate	9.48	163	90497	4.907	ng	97
51) 2,6-Dinitrotoluene	9.76	165	31731	8.263	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	31731	6.648	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	652	4.863	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	22871	3.785	ng	# 1

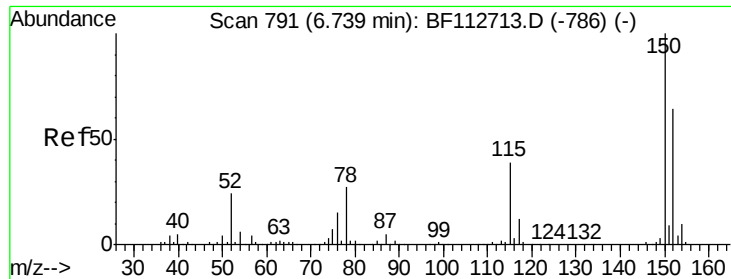
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112956.D
Acq On : 11 Mar 2019 15:58
Operator : JU/SJ
Sample : K1837-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-MH-07-COMP

Quant Time: Mar 12 04:38:22 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

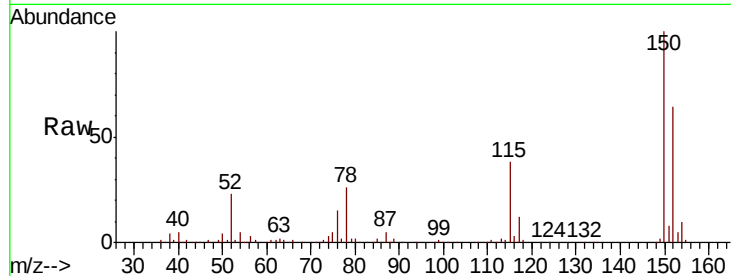




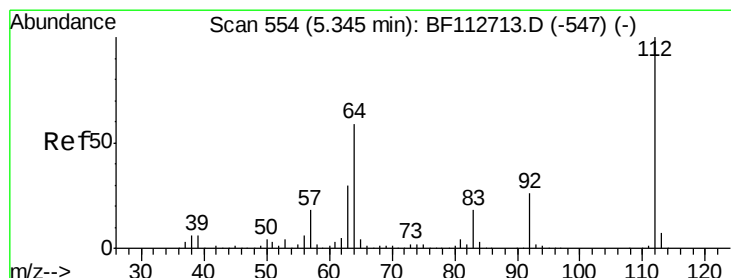
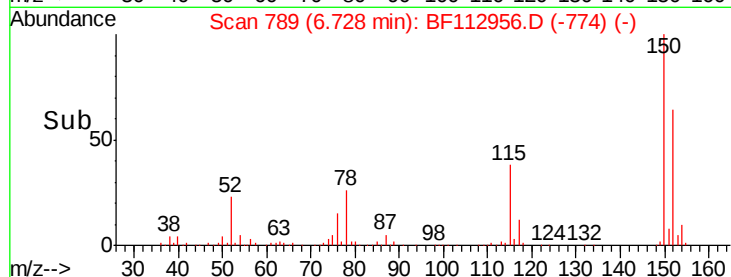
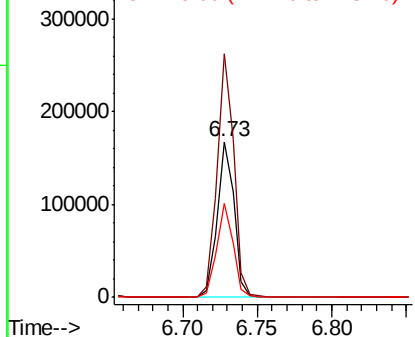
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-07-COMP

Tgt Ion:152 Resp: 133314
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.2 186.2
 115 59.9 48.2 72.4

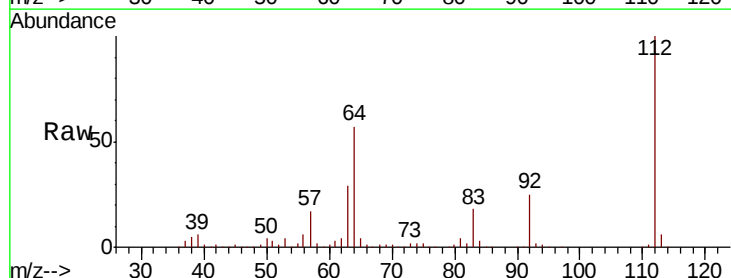


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

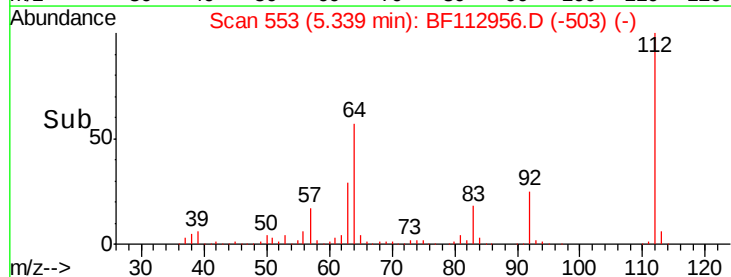
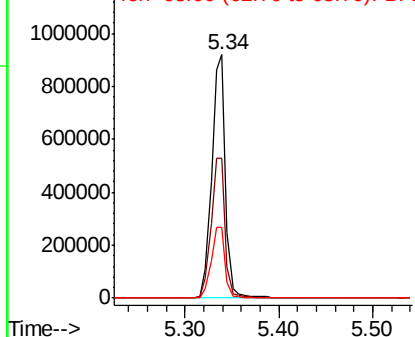


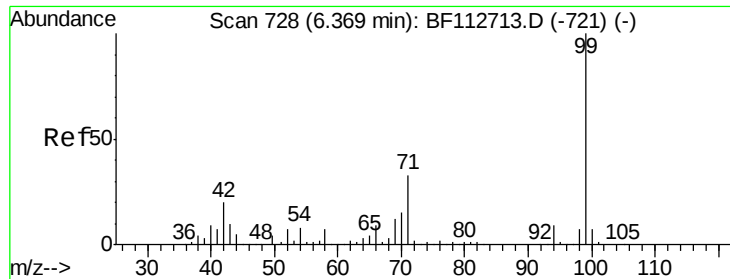
#5
 2-Fluorophenol
 Concen: 111.301 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Tgt Ion:112 Resp: 953874
 Ion Ratio Lower Upper
 112 100
 64 57.2 47.6 71.4
 63 29.3 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: 116.031 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112956.D

Acq: 11 Mar 2019 15:58

Instrument :

BNA_F

ClientSampleId :

MR-MH-07-COMP

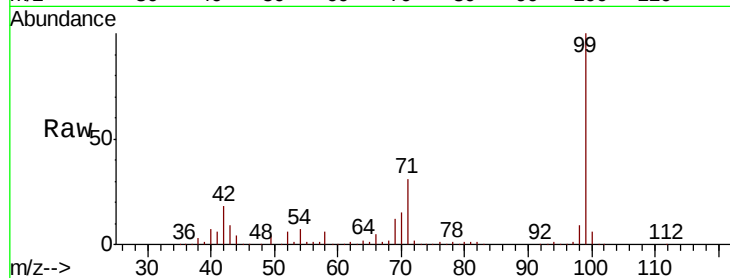
Tgt Ion: 99 Resp: 1249144

Ion Ratio Lower Upper

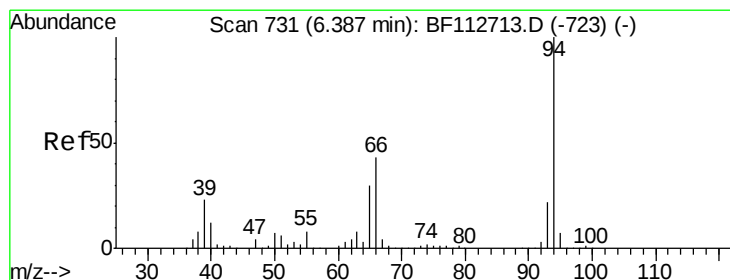
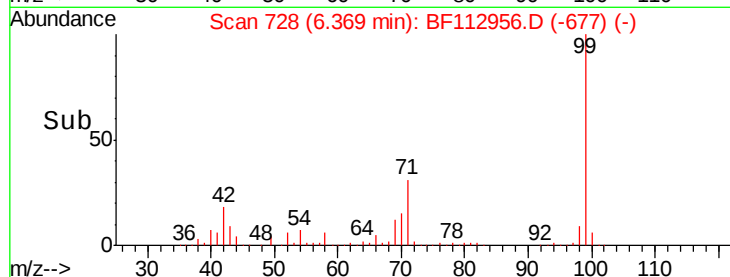
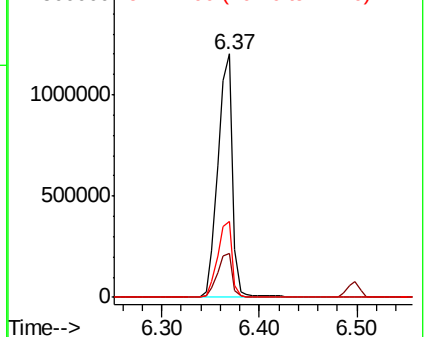
99 100

42 17.8 16.3 24.5

71 30.9 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



#10

Phenol

Concen: 4.526 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112956.D

Acq: 11 Mar 2019 15:58

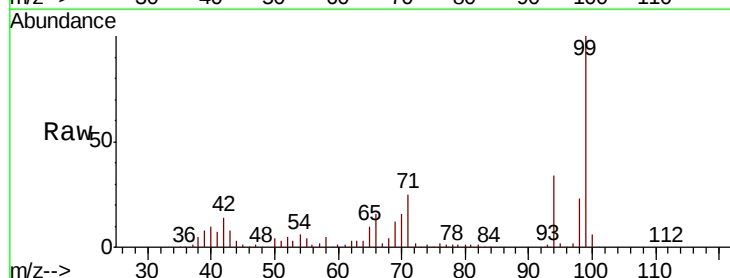
Tgt Ion: 94 Resp: 56859

Ion Ratio Lower Upper

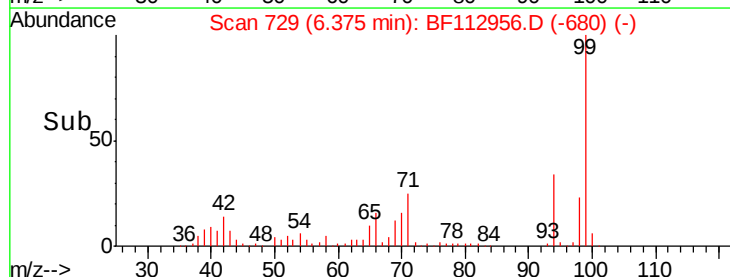
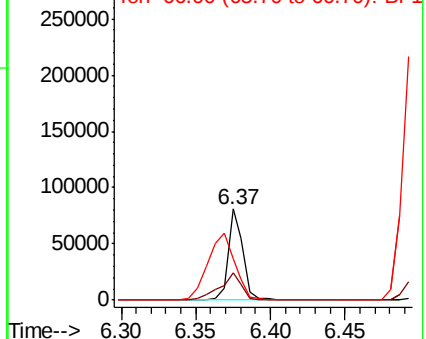
94 100

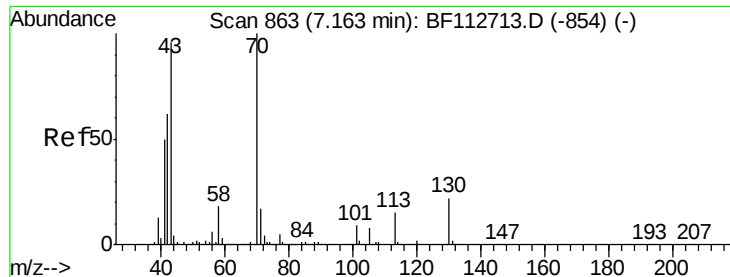
65 29.6 10.5 50.5

66 45.3 22.6 62.6



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

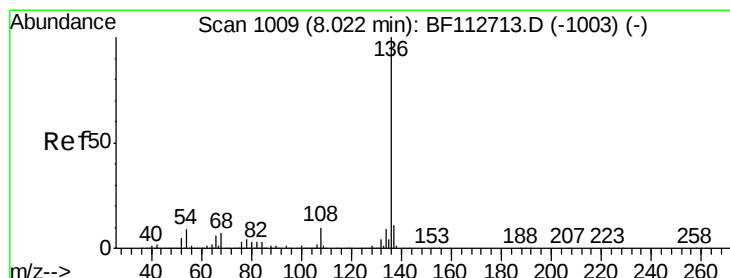
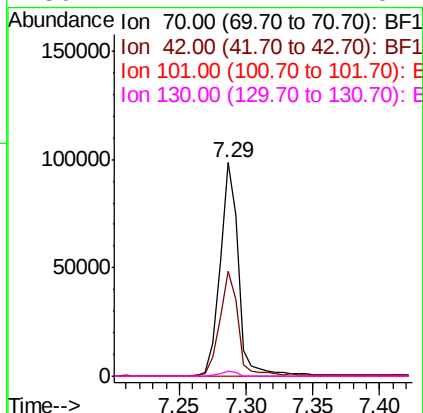
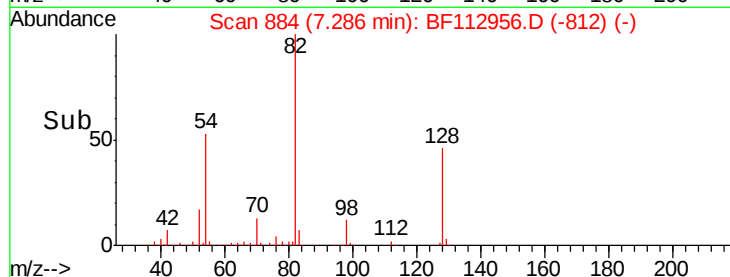
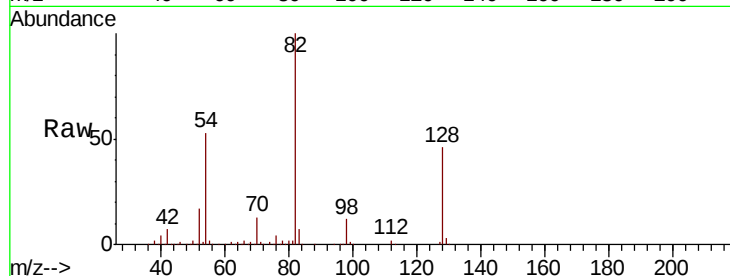




#19
n-Nitroso-di-n-propylamine
Concen: 14.190 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

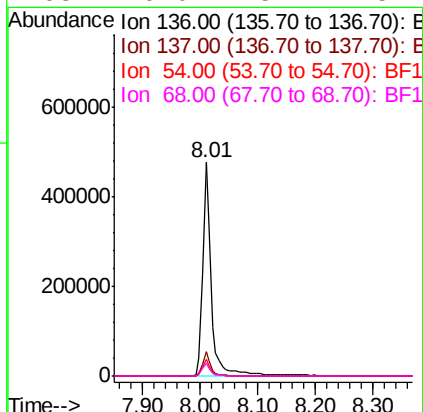
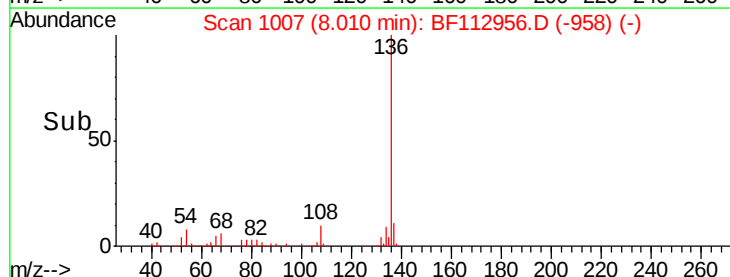
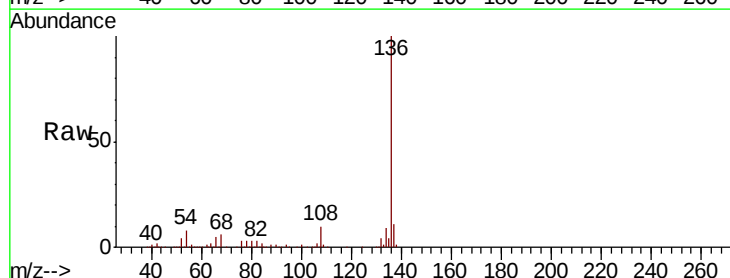
Instrument :
BNA_F
ClientSampleId :
MR-MH-07-COMP

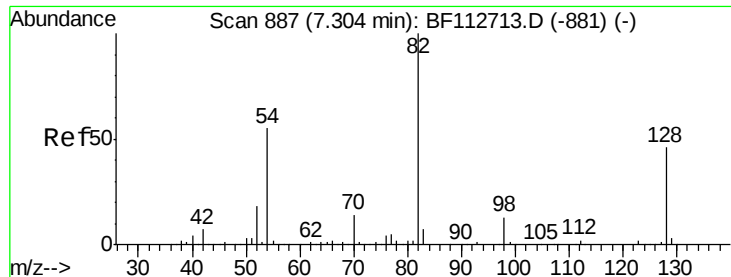
Tgt Ion: 70 Resp: 96751
Ion Ratio Lower Upper
70 100
42 49.4 49.9 74.9#
101 0.0 7.4 11.2#
130 2.4 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Tgt Ion: 136 Resp: 506525
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 7.3 10.9
68 6.0 5.4 8.2

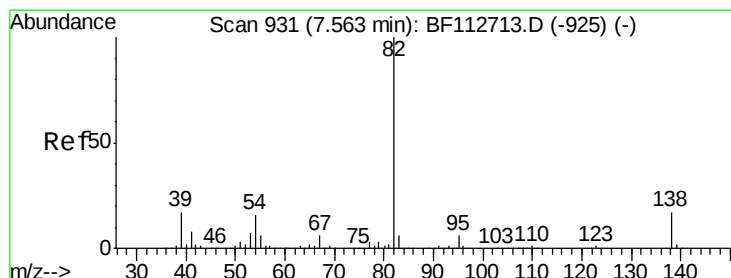
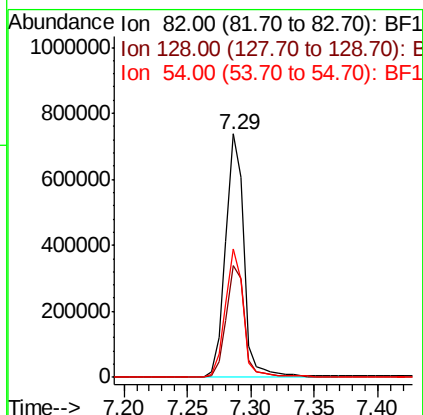
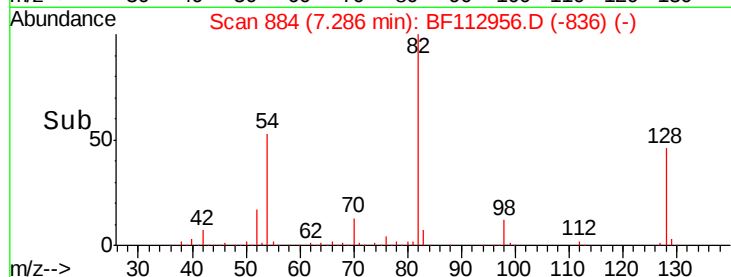
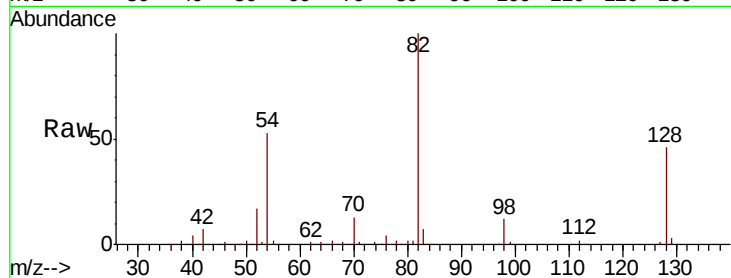




#23
Nitrobenzene-d5
Concen: 88.664 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

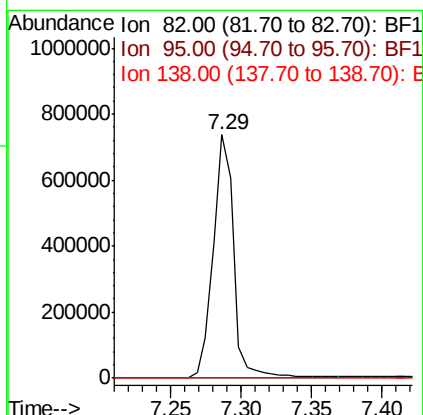
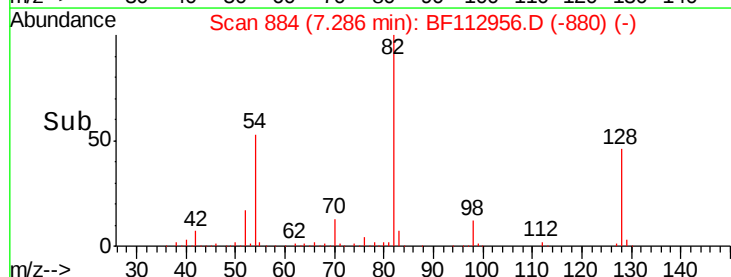
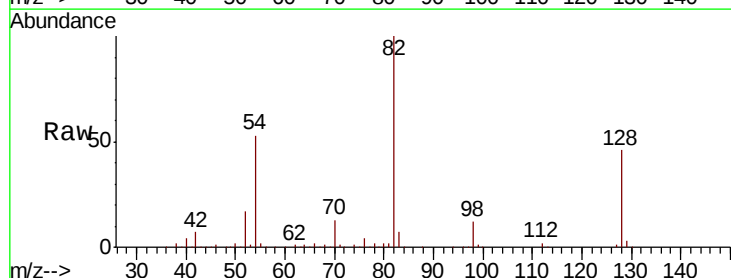
Instrument :
BNA_F
ClientSampleId :
MR-MH-07-COMP

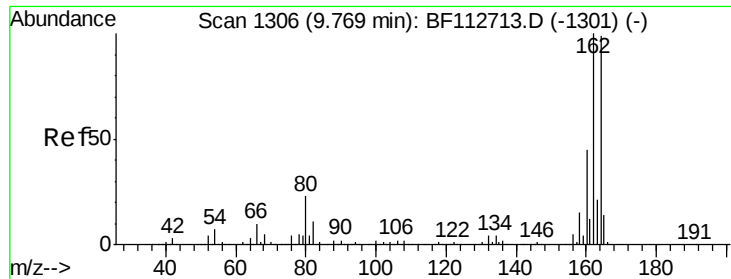
Tgt Ion: 82 Resp: 750535
Ion Ratio Lower Upper
82 100
128 45.7 36.3 54.5
54 53.0 43.7 65.5



#25
Isophorone
Concen: 40.939 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Tgt Ion: 82 Resp: 746575
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

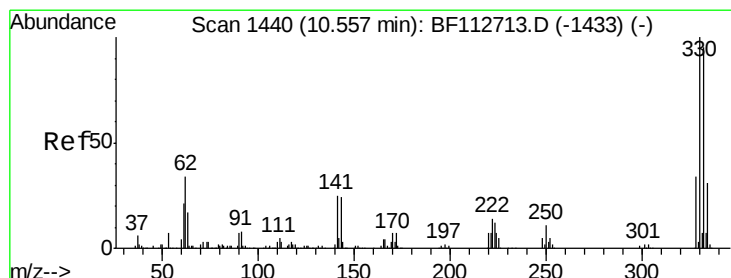
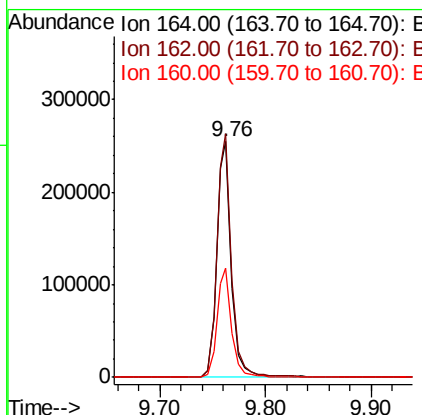
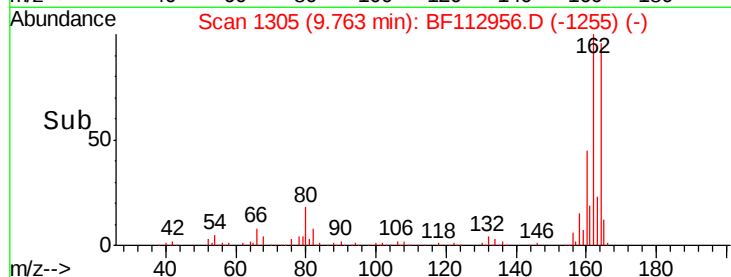
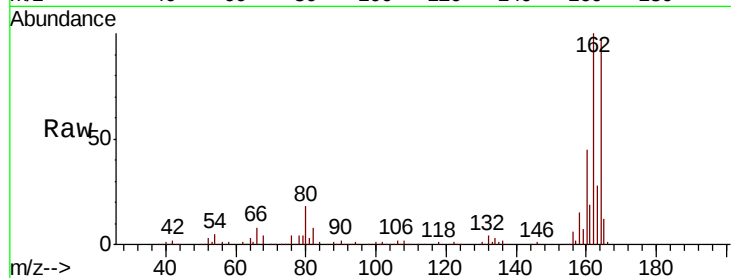




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

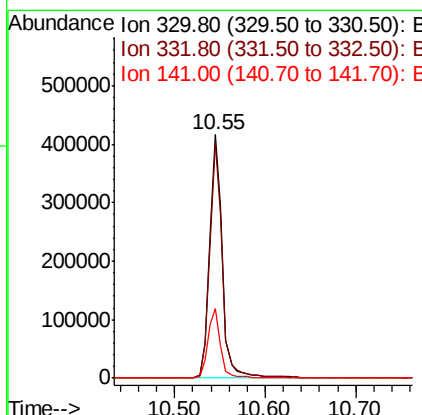
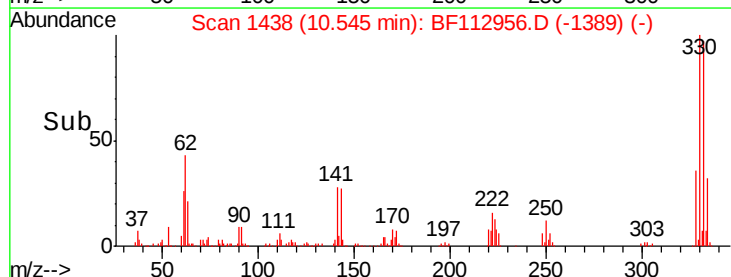
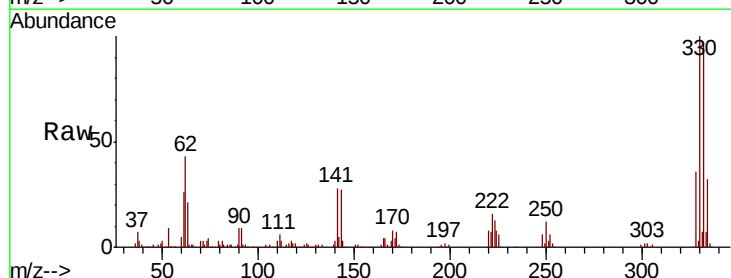
Instrument :
BNA_F
ClientSampleId :
MR-MH-07-COMP

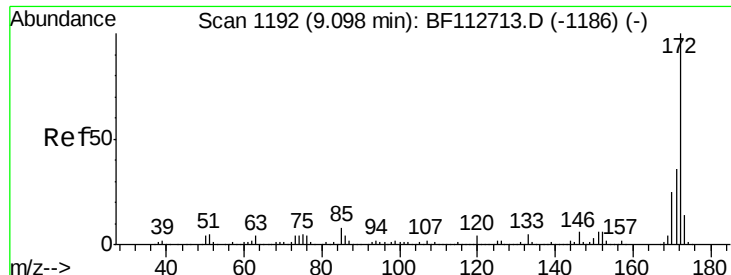
Tgt Ion:164 Resp: 250093
Ion Ratio Lower Upper
164 100
162 103.4 80.6 120.8
160 46.4 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 156.017 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Tgt Ion:330 Resp: 414233
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 28.7 27.0 40.6

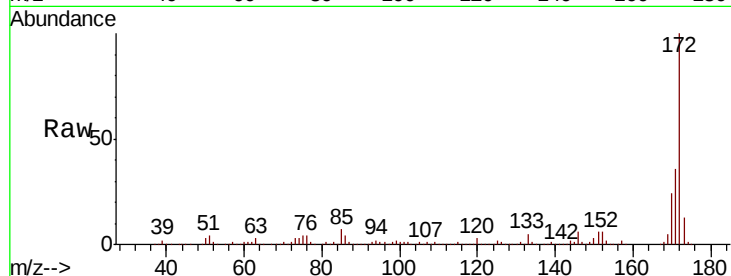




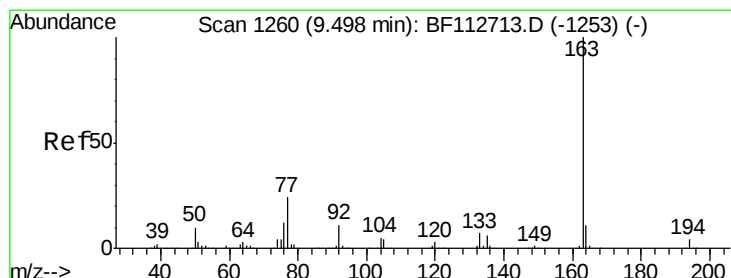
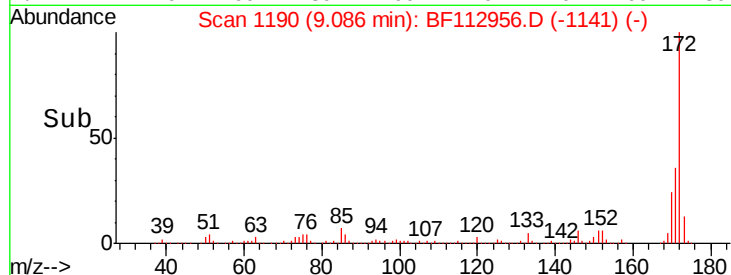
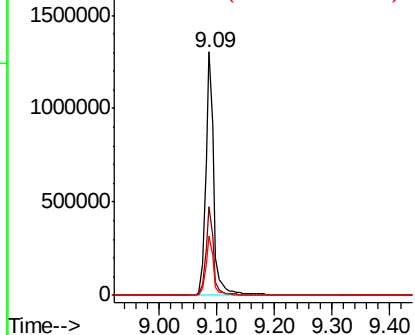
#45
 2-Fluorobiphenyl
 Concen: 87.122 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-07-COMP

Tgt Ion:172 Resp: 1306377
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.2 20.0 30.0

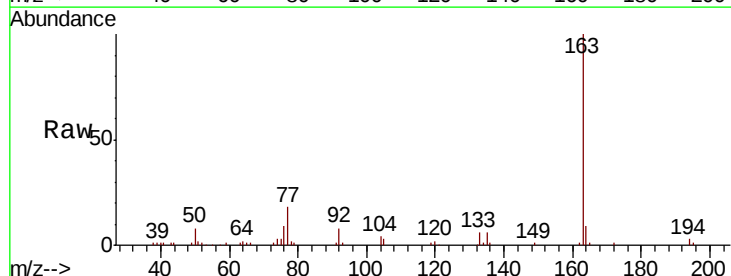


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

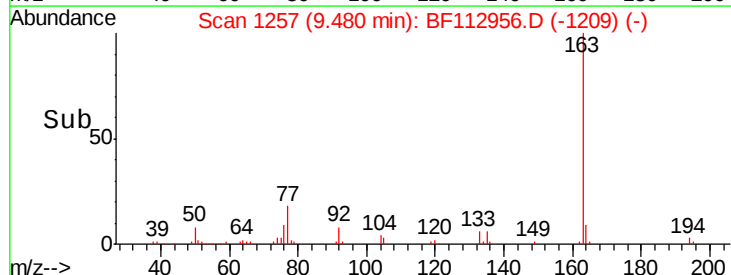
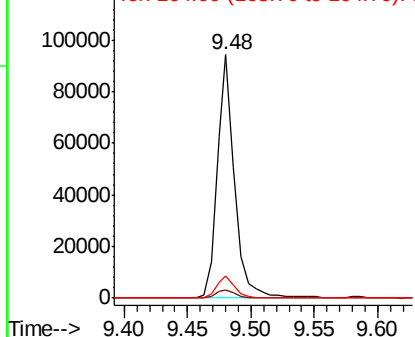


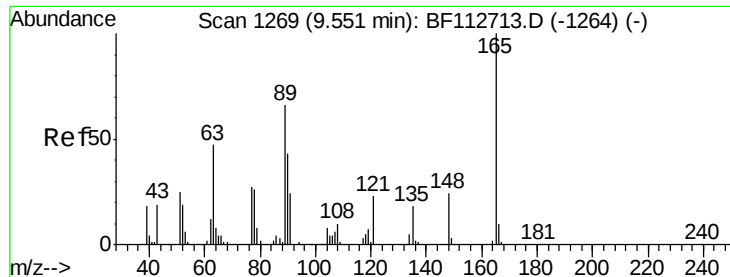
#50
 Dimethylphthalate
 Concen: 4.907 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Tgt Ion:163 Resp: 90497
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 9.1 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

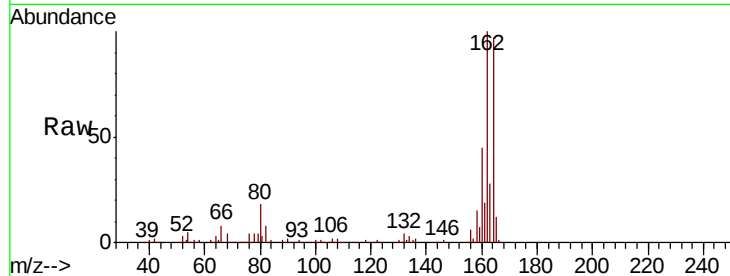




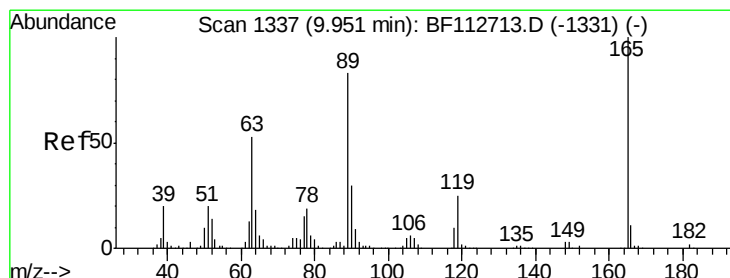
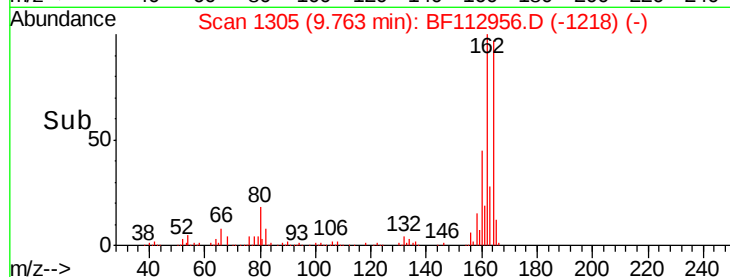
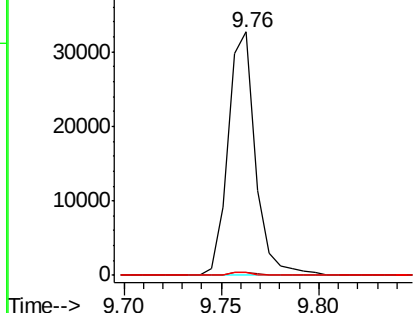
#51
 2,6-Dinitrotoluene
 Concen: 8.263 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-07-COMP

Tgt Ion:165 Resp: 31731
 Ion Ratio Lower Upper
 165 100
 63 1.2 54.1 81.1#
 89 1.5 52.8 79.2#



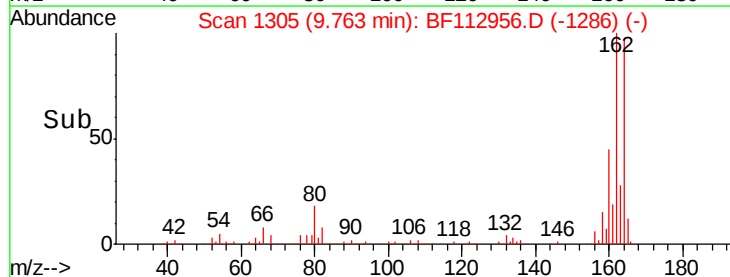
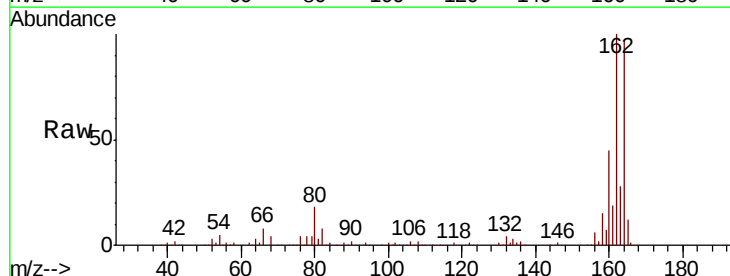
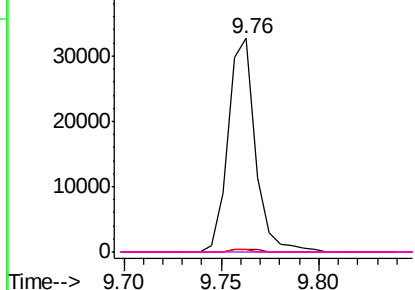
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

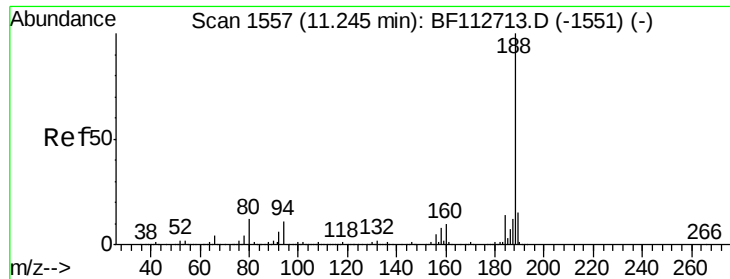


#57
 2,4-Dinitrotoluene
 Concen: 6.648 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Tgt Ion:165 Resp: 31731
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.2 63.2#
 89 1.5 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

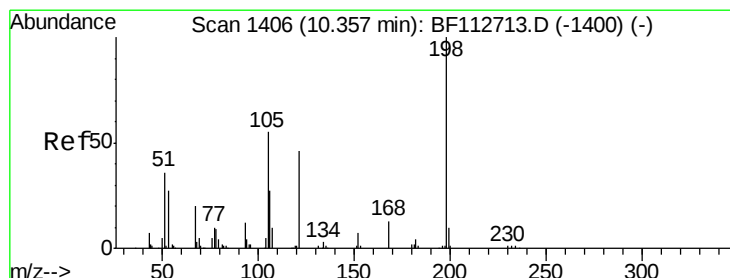
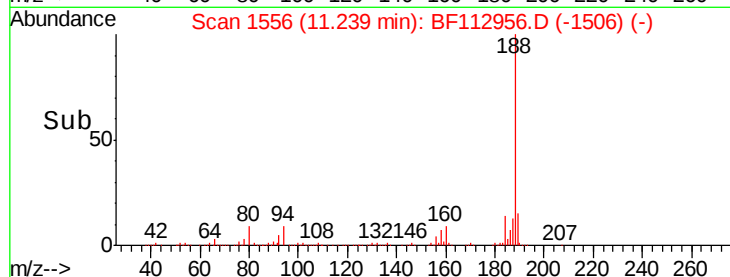
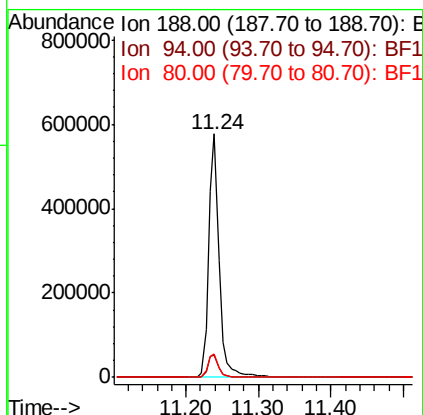
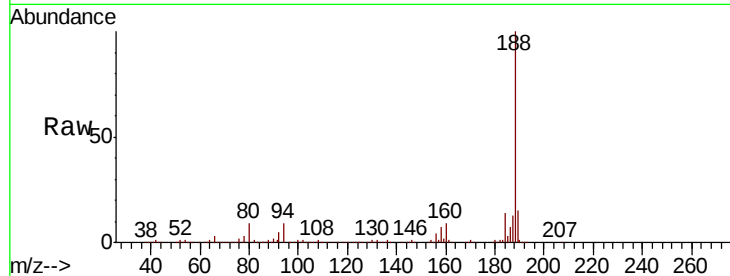




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

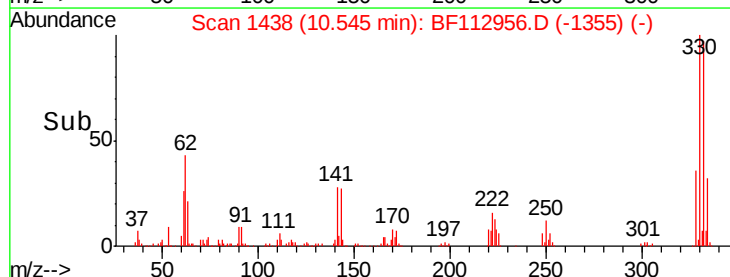
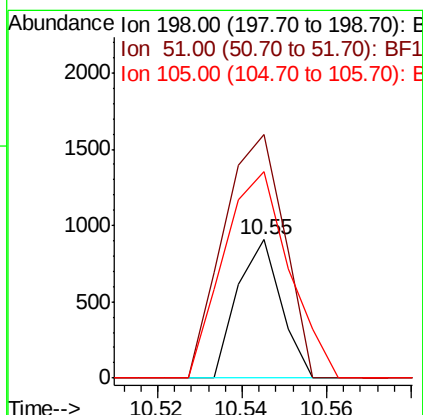
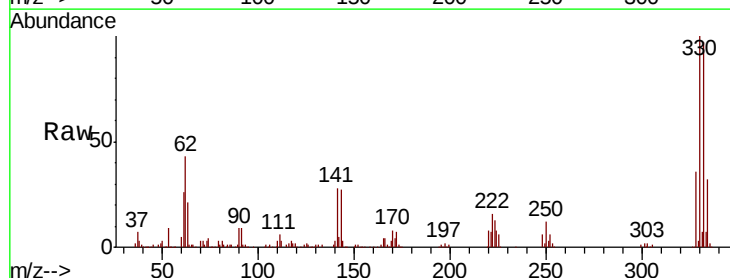
Instrument :
BNA_F
ClientSampleId :
MR-MH-07-COMP

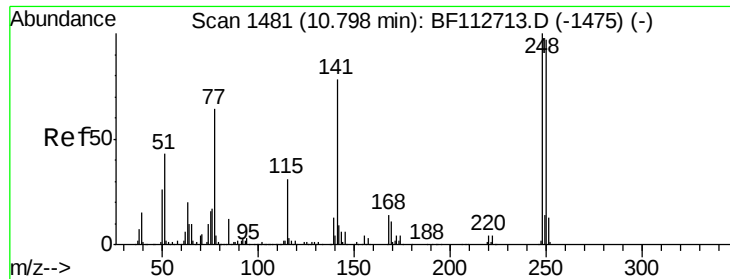
Tgt Ion:188 Resp: 573646
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.5 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.863 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Tgt Ion:198 Resp: 652
Ion Ratio Lower Upper
198 100
51 176.2 43.8 83.8#
105 149.4 36.5 76.5#

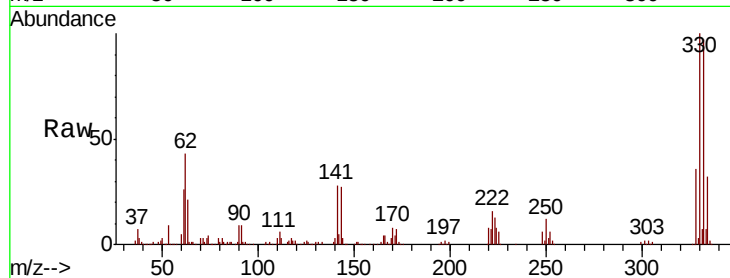




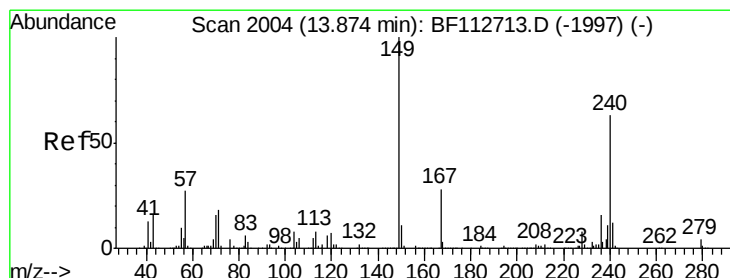
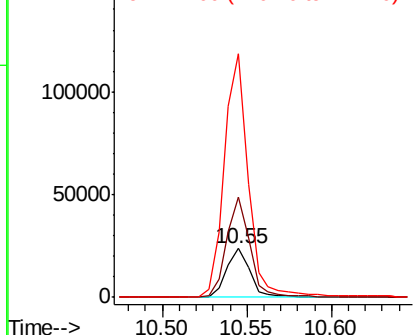
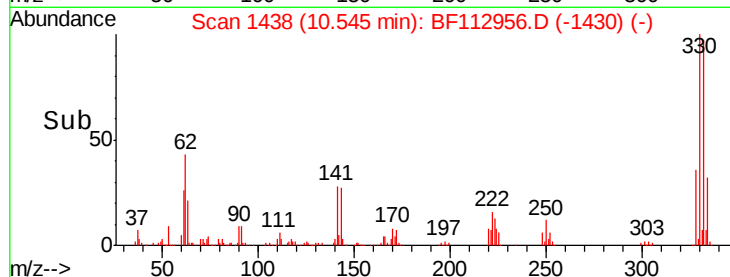
#67
 4-Bromophenyl-phenylether
 Concen: 3.785 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-07-COMP

Tgt Ion:248 Resp: 22871
 Ion Ratio Lower Upper
 248 100
 250 204.5 77.5 116.3#
 141 497.7 62.4 93.6#

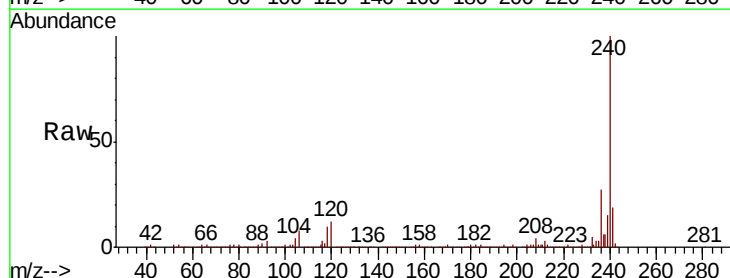


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

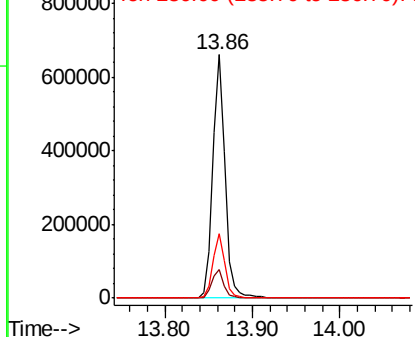
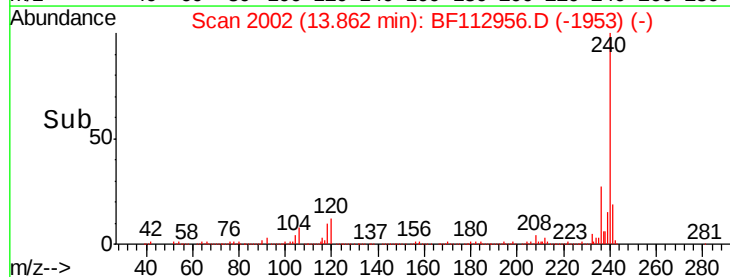


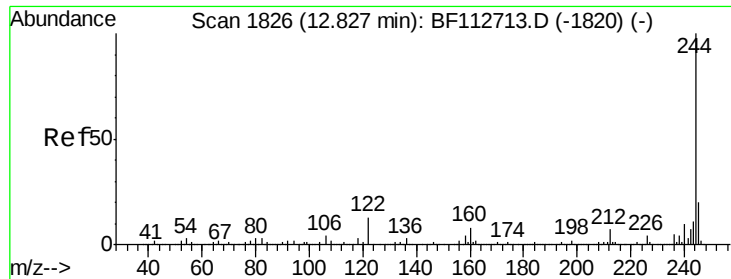
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Tgt Ion:240 Resp: 647437
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.9 13.3
 236 26.5 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: 53.911 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112956.D

Acq: 11 Mar 2019 15:58

Instrument :

BNA_F

ClientSampleId :

MR-MH-07-COMP

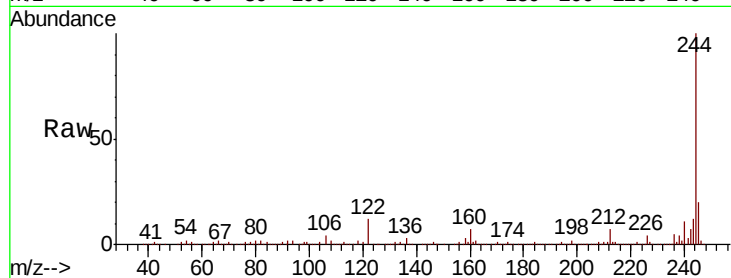
Tgt Ion:244 Resp: 1800585

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

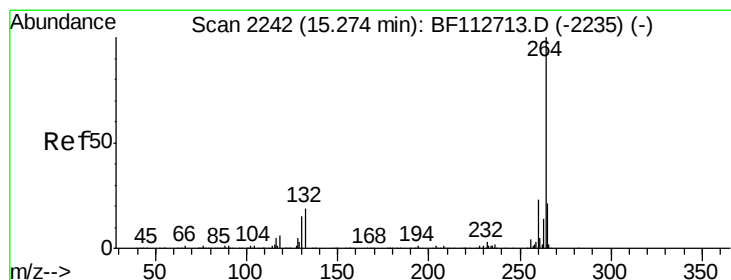
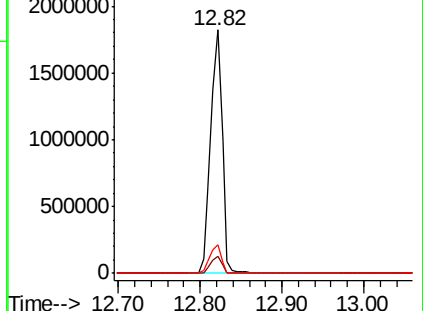
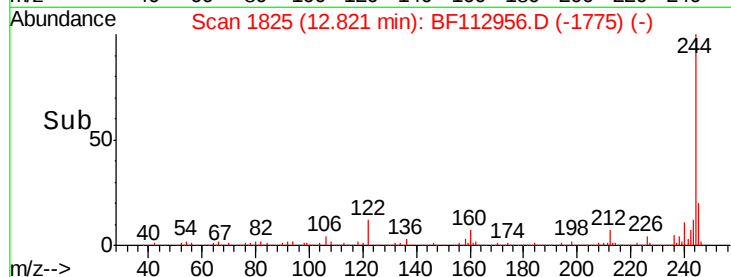
122 11.7 10.5 15.7



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: BF112956.D

Acq: 11 Mar 2019 15:58

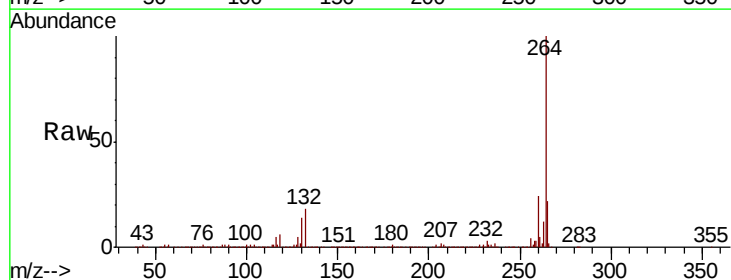
Tgt Ion:264 Resp: 615537

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.9 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

