

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112928.D
 Acq On : 7 Mar 2019 18:22
 Operator : JU/SJ
 Sample : K1757-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:20:46 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

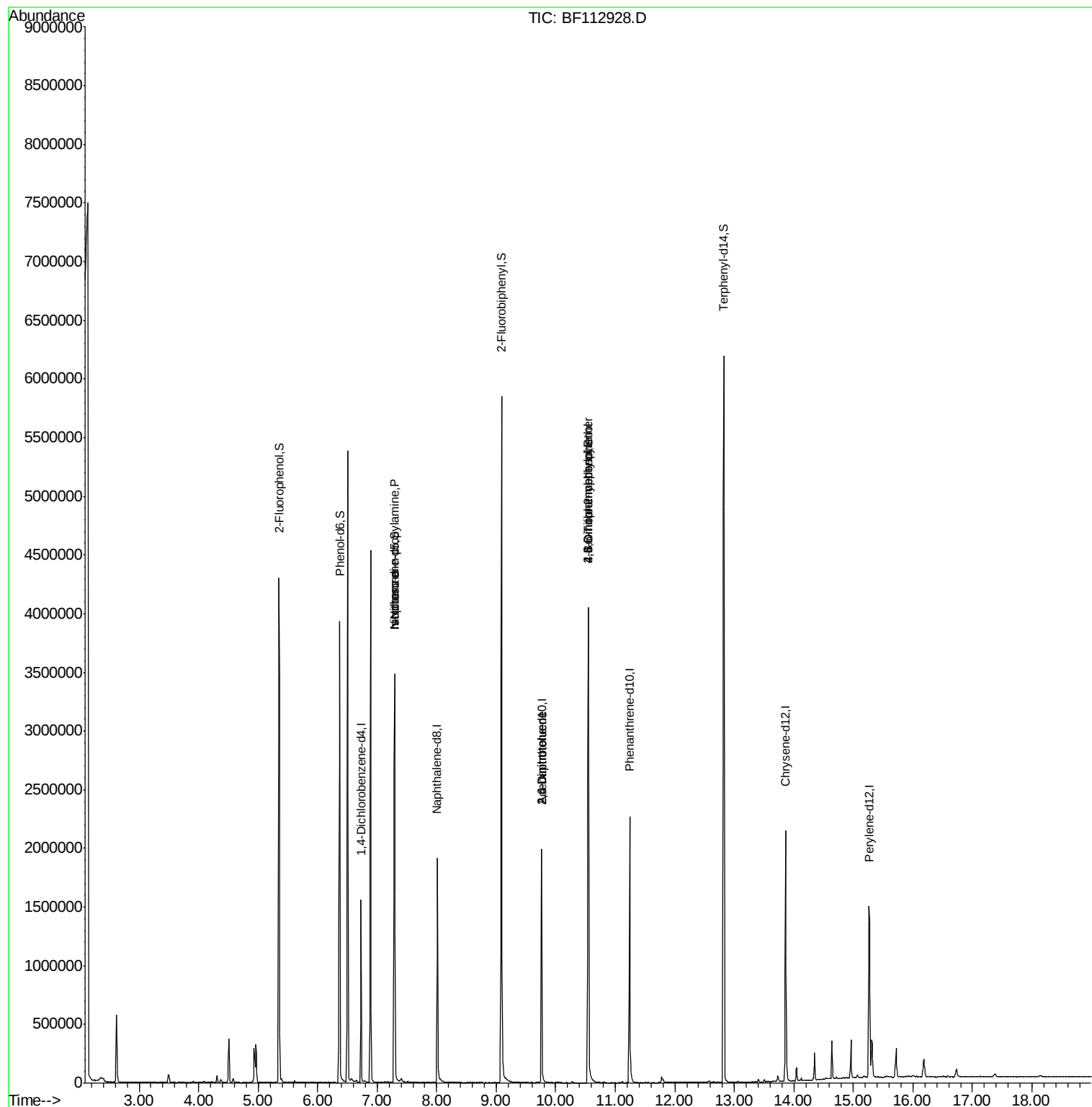
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	246786	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	955204	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	471511	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	987583	20.00	ng	0.00
76) Chrysene-d12	13.86	240	889830	20.00	ng	-0.01
87) Perylene-d12	15.26	264	776302	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1359542	85.69	ng	0.00
7) Phenol-d6	6.37	99	1529350	76.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	1244978	77.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	643291	128.51	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2230607	76.29	ng	-0.01
79) Terphenyl-d14	12.82	244	2631863	57.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	164030	12.996	ng	# 76
25) Isophorone	7.29	82	1231808	35.819	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	60855	8.406	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	60856	6.762	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	1066	4.850	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	37341	3.590	ng	# 1

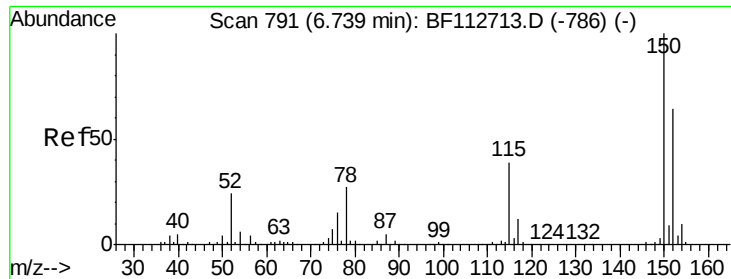
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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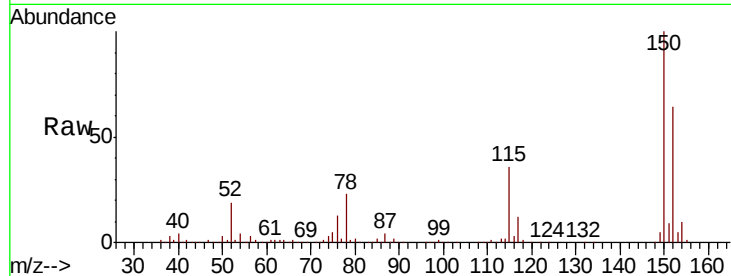


#1

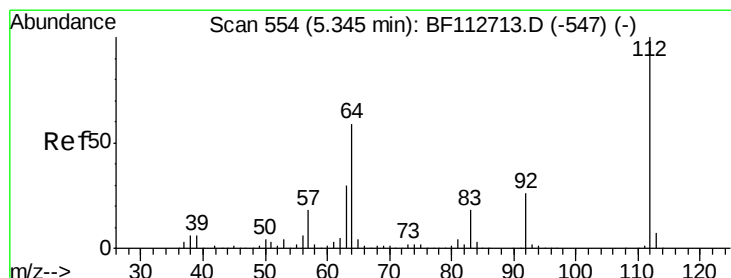
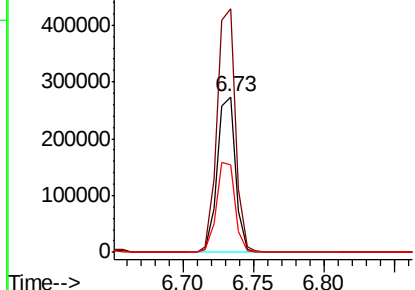
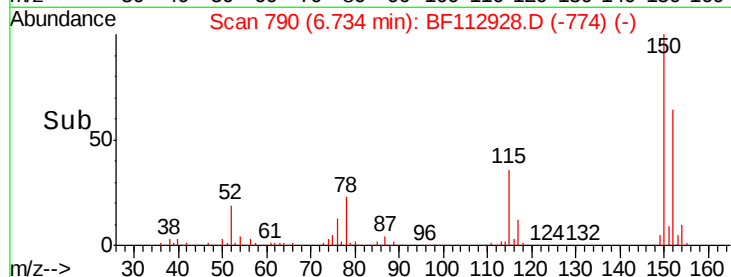
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Instrument :
BNA_F
ClientSampled :

Tgt Ion:152 Resp: 246786
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 56.4 48.2 72.4



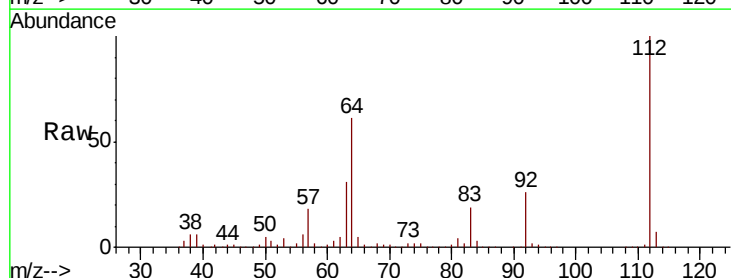
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



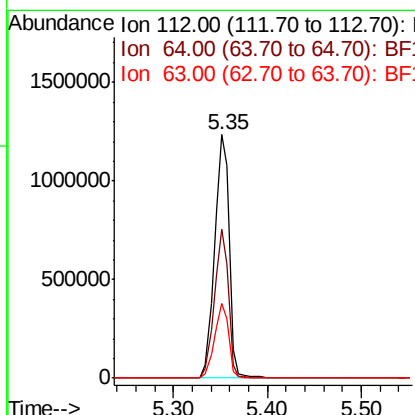
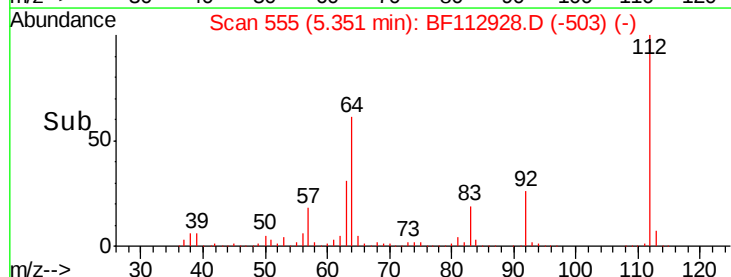
#5

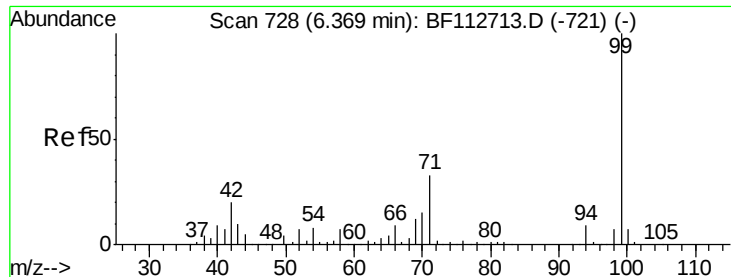
2-Fluorophenol
Concen: 85.695 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Tgt Ion:112 Resp: 1359542
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 30.7 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: 76.740 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

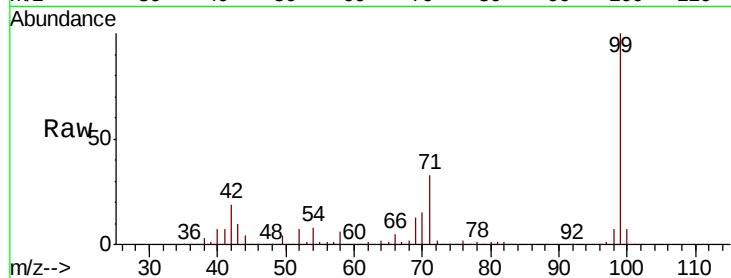
Tgt Ion: 99 Resp: 1529350

Ion Ratio Lower Upper

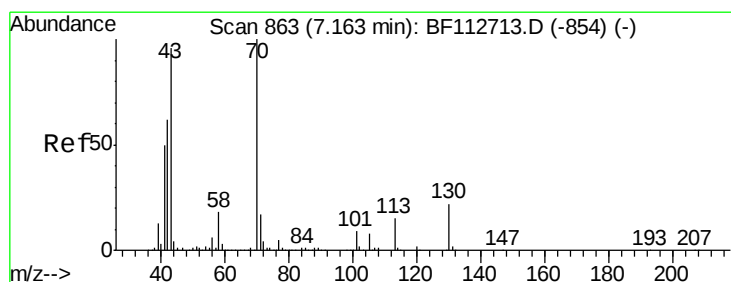
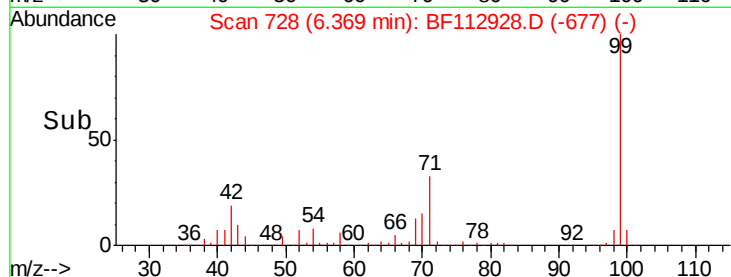
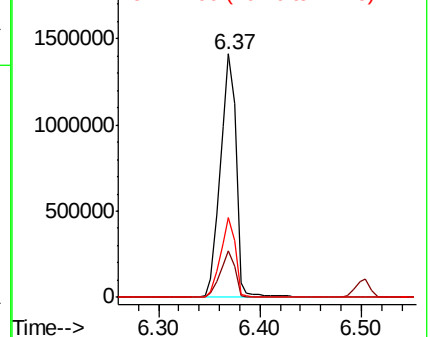
99 100

42 18.9 16.3 24.5

71 32.5 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: 12.996 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

Tgt Ion: 70 Resp: 164030

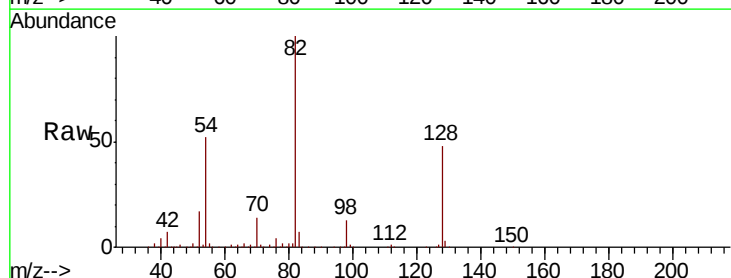
Ion Ratio Lower Upper

70 100

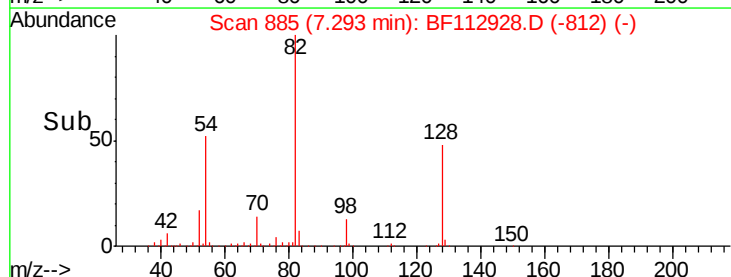
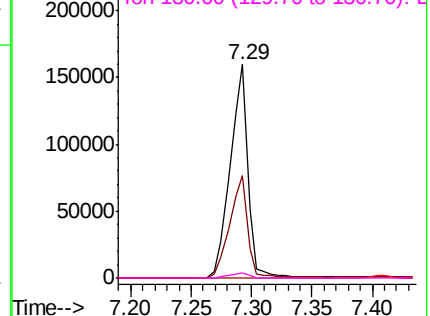
42 48.0 49.9 74.9#

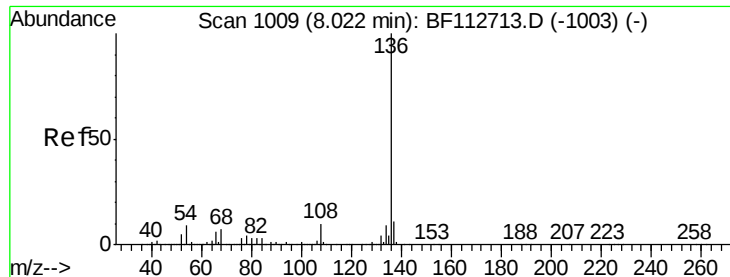
101 0.0 7.4 11.2#

130 2.5 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

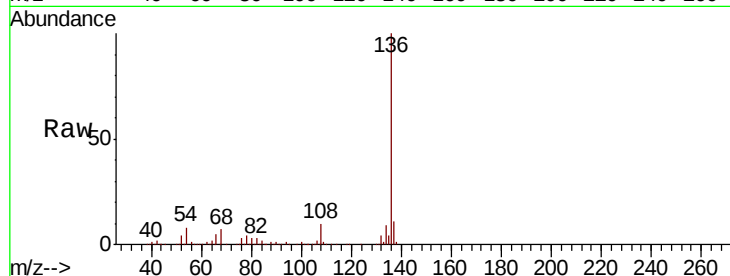




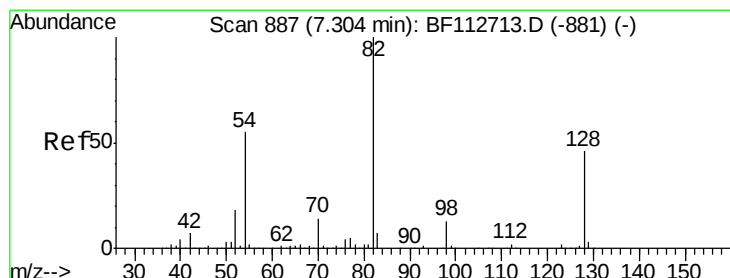
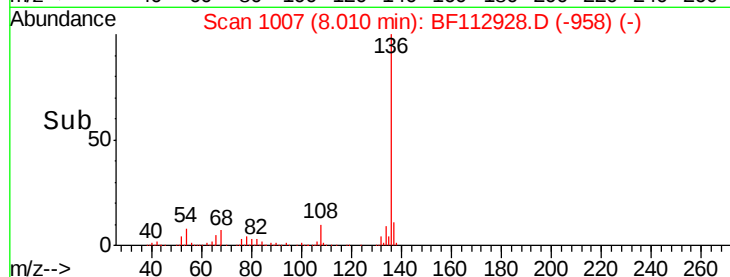
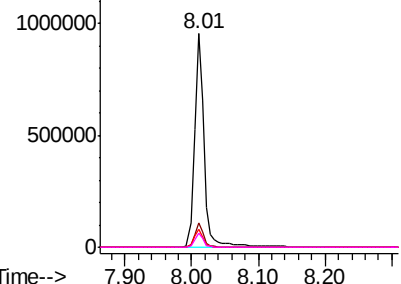
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	136	Resp:	955204
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	7.3	10.9
68	6.5	5.4	8.2

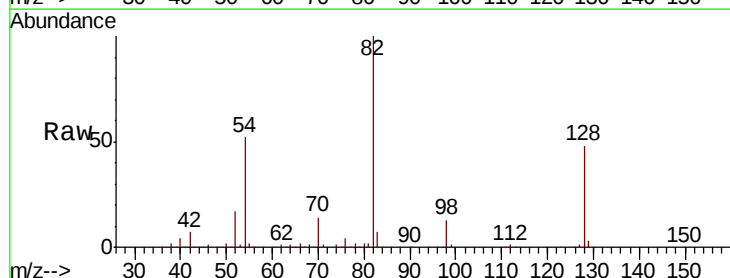


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

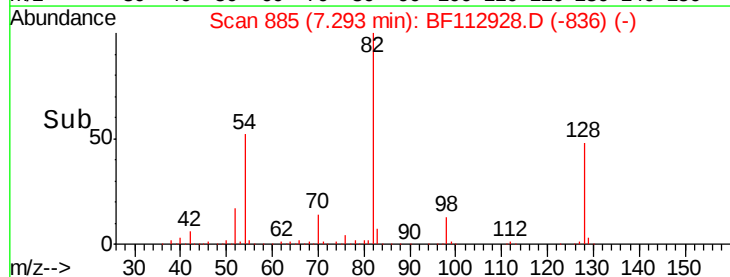
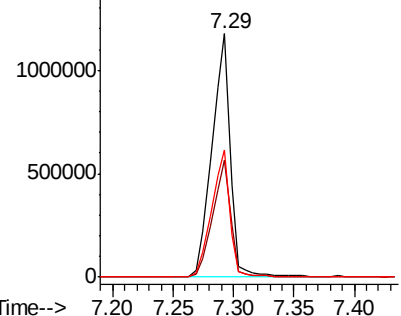


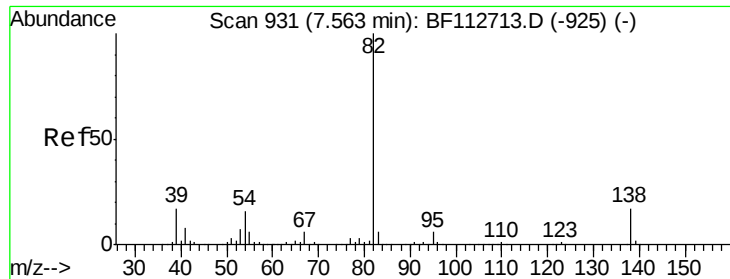
#23
Nitrobenzene-d5
Concen: 77.991 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Tgt Ion:	82	Resp:	1244978
Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.3	54.5
54	52.3	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.819 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

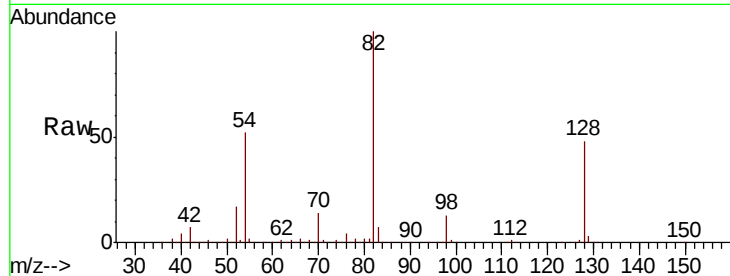
Tgt Ion: 82 Resp: 1231808

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

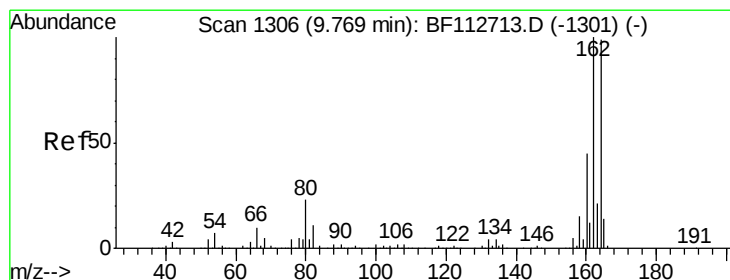
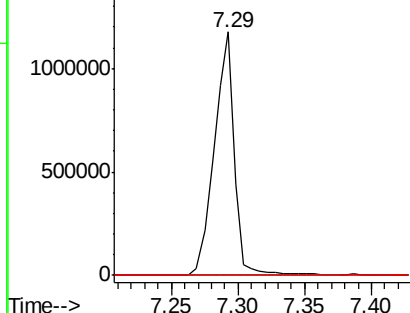
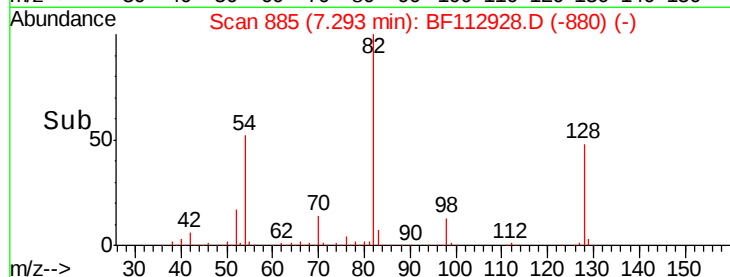
138 0.0 13.8 20.8#



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# 1304

Delta R.T. -0.01 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

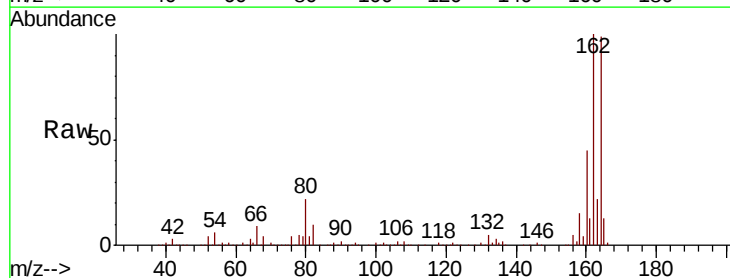
Tgt Ion: 164 Resp: 471511

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

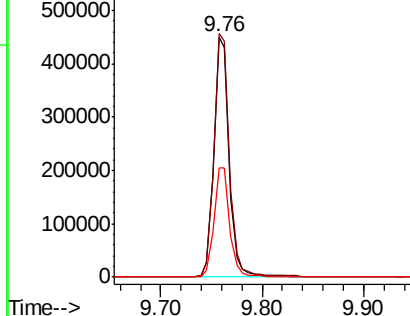
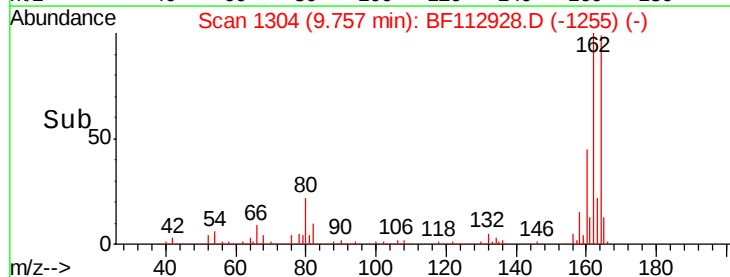
160 45.5 36.0 54.0

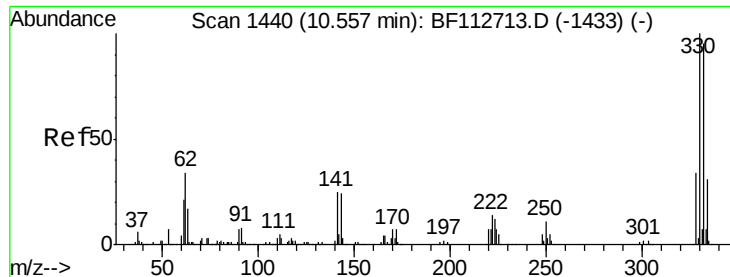


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

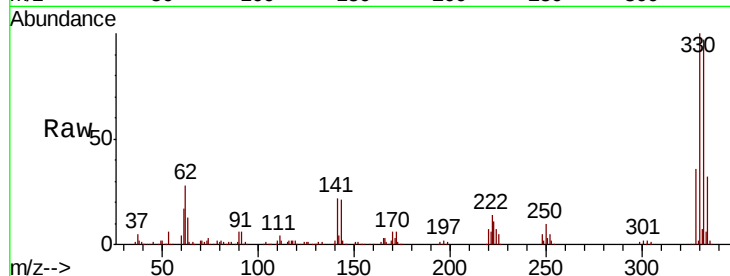




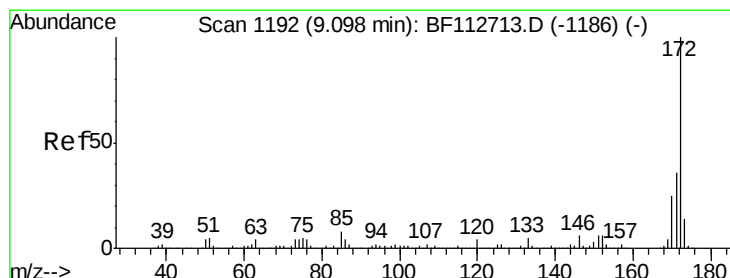
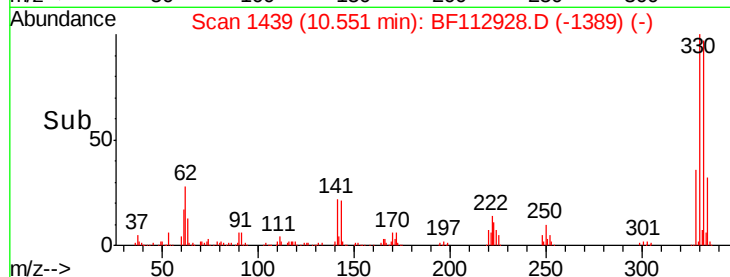
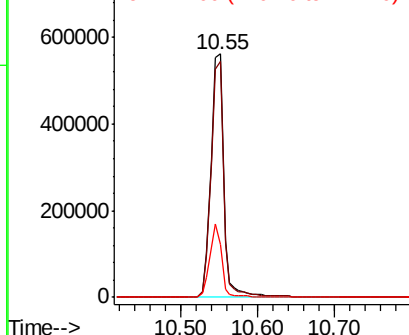
#42
 2,4,6-Tribromophenol
 Concen: 128.512 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112928.D
 Acq: 7 Mar 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 643291
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 28.6 27.0 40.6

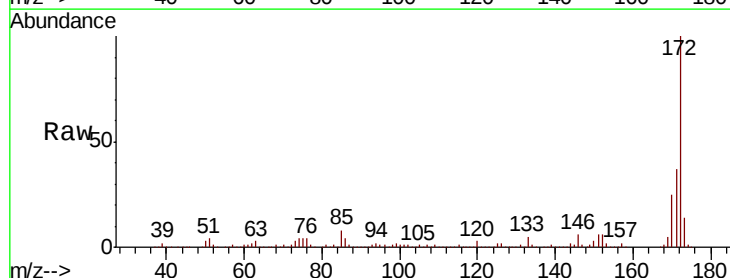


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

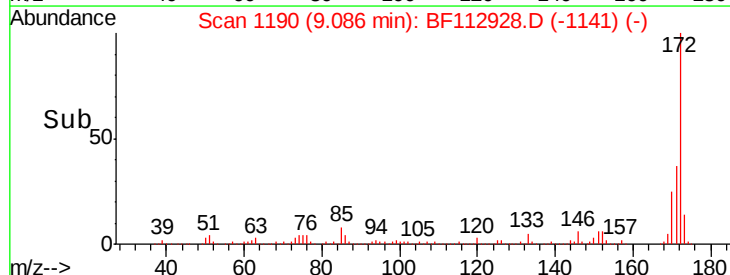
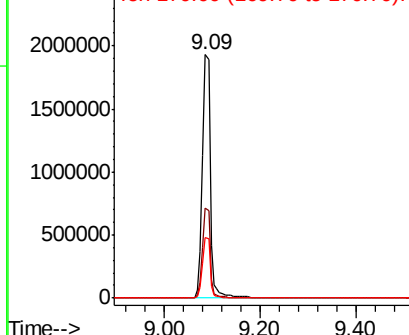


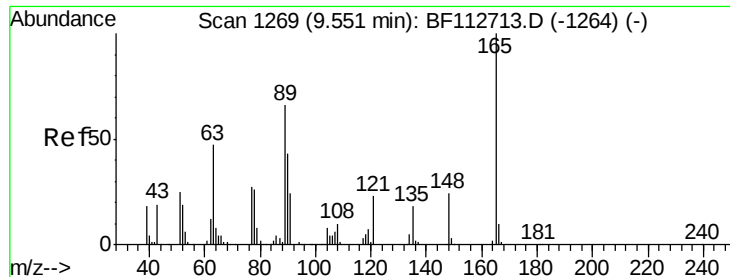
#45
 2-Fluorobiphenyl
 Concen: 76.288 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112928.D
 Acq: 7 Mar 2019 18:22

Tgt Ion:172 Resp: 2230607
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.4
 170 24.9 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





#51

2,6-Dinitrotoluene

Concen: 8.406 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF112928.D

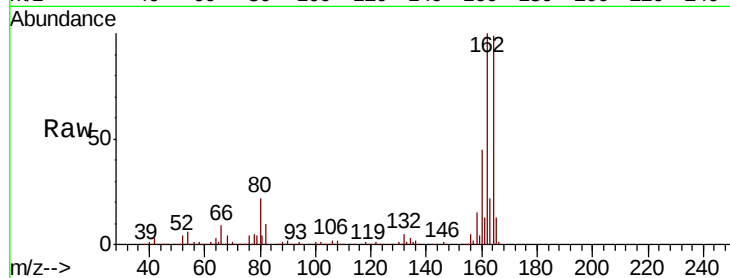
Acq: 7 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

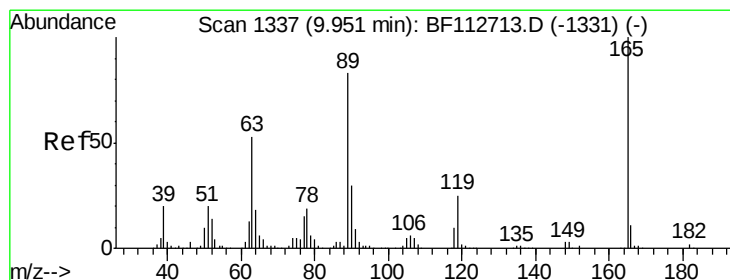
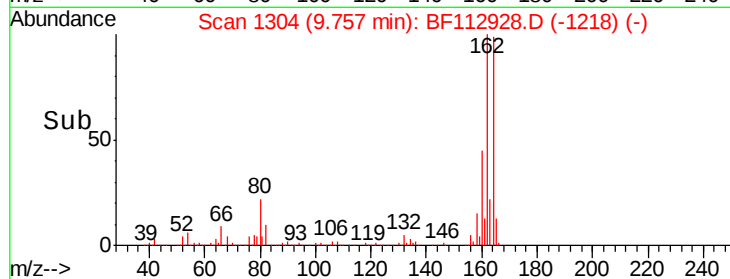
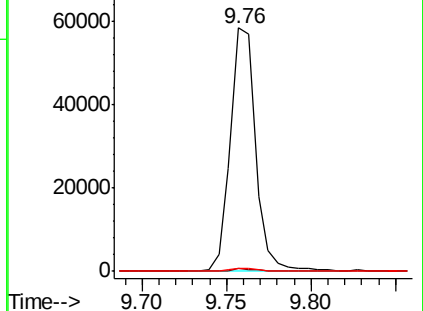
Tgt Ion:	165	Resp:	60855
Ion Ratio	Lower	Upper	
165	100		
63	1.3	54.1	81.1#
89	1.4	52.8	79.2#



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: 6.762 ng

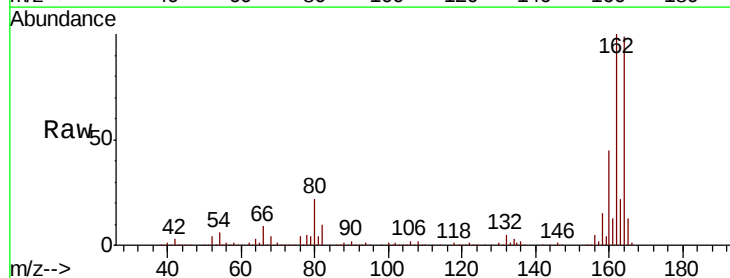
RT: 9.76 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

Tgt Ion:	165	Resp:	60856
Ion Ratio	Lower	Upper	
165	100		
63	1.3	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

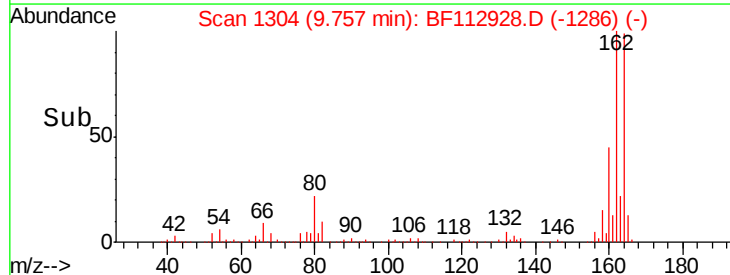
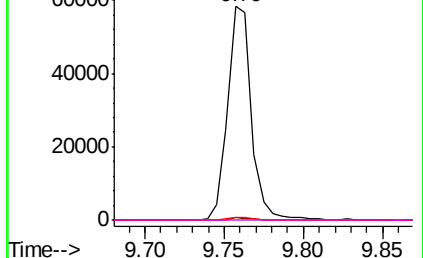


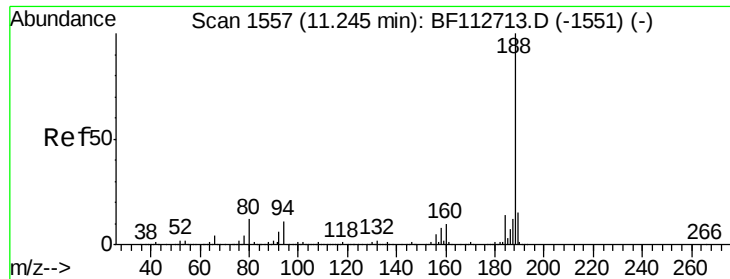
Abundance Ion 165.00 (164.70 to 165.70): E

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

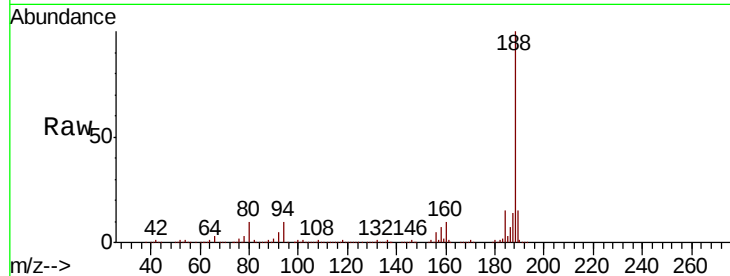




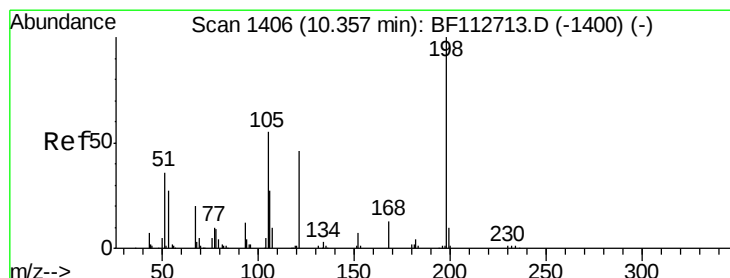
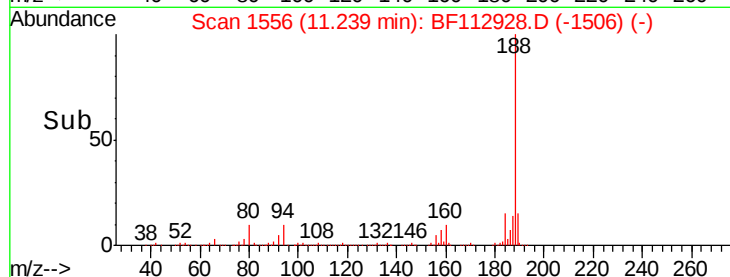
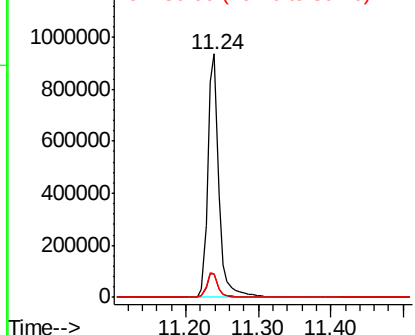
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 987583
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 9.7 9.2 13.8

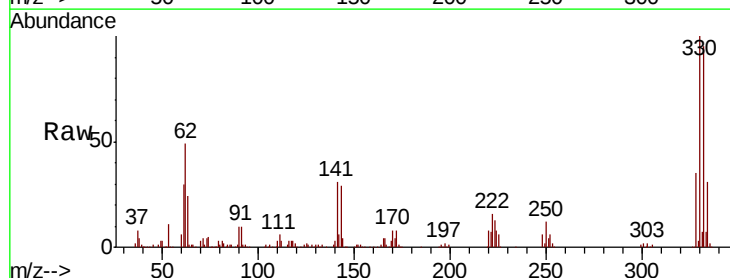


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

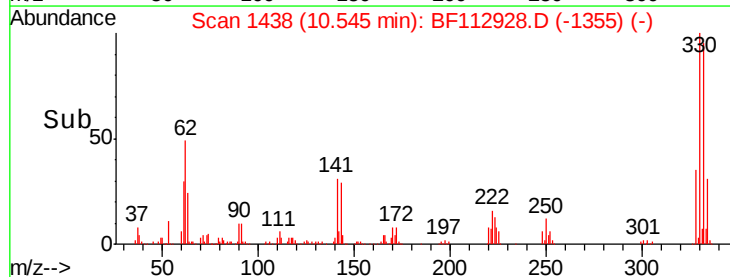
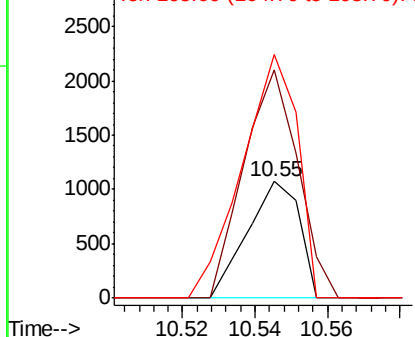


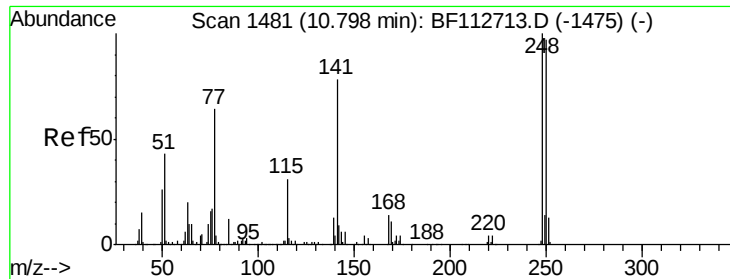
#65
4,6-Dinitro-2-methylphenol
Concen: 4.850 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Tgt Ion:198 Resp: 1066
Ion Ratio Lower Upper
198 100
51 195.1 43.8 83.8#
105 208.5 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

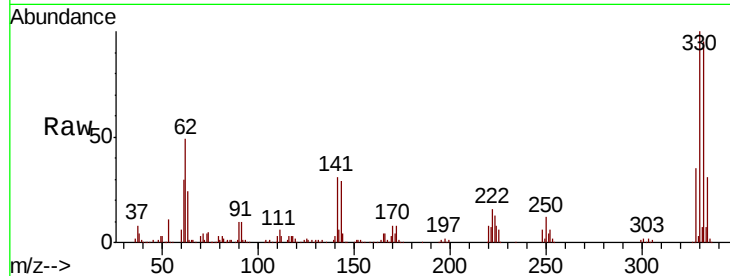




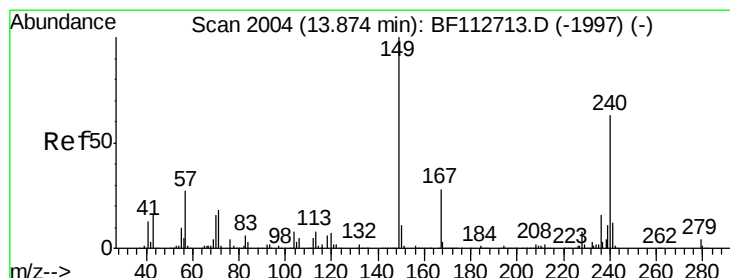
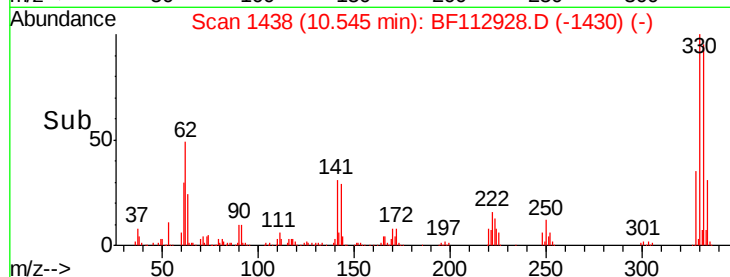
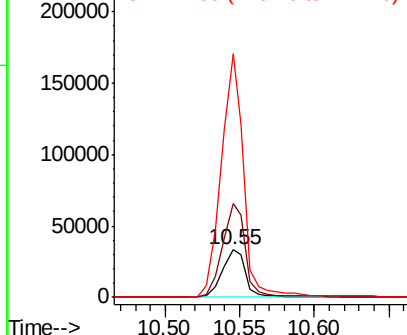
#67
4-Bromophenyl-phenylether
Concen: 3.590 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 37341
Ion Ratio Lower Upper
248 100
250 197.9 77.5 116.3#
141 512.8 62.4 93.6#

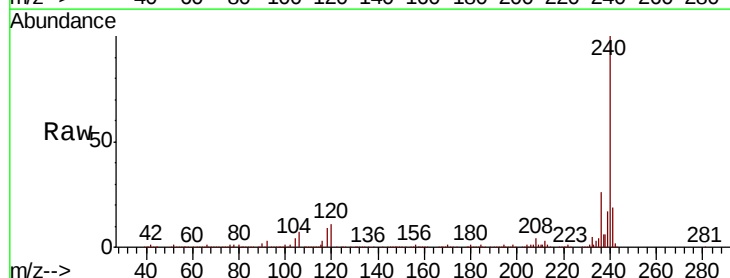


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

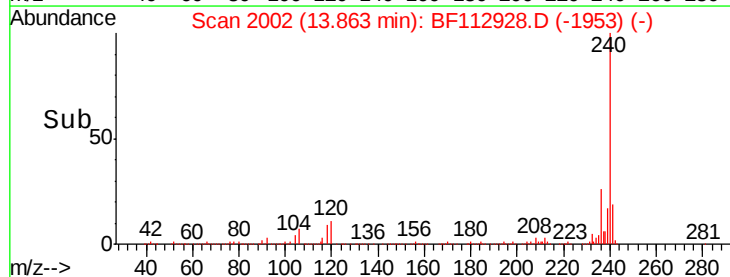
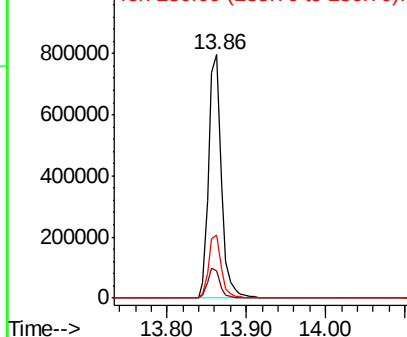


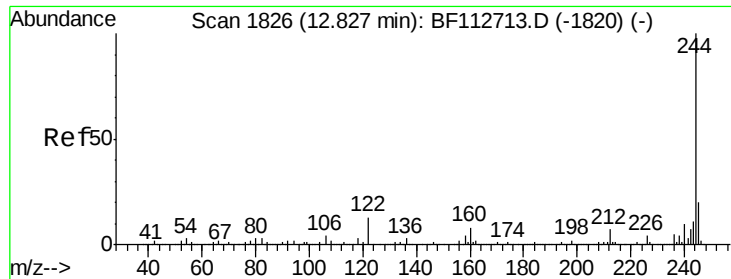
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Tgt Ion:240 Resp: 889830
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.2 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

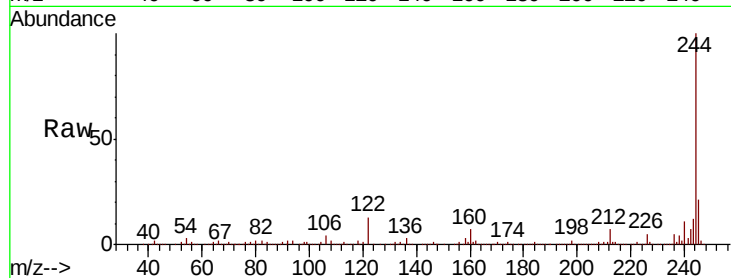




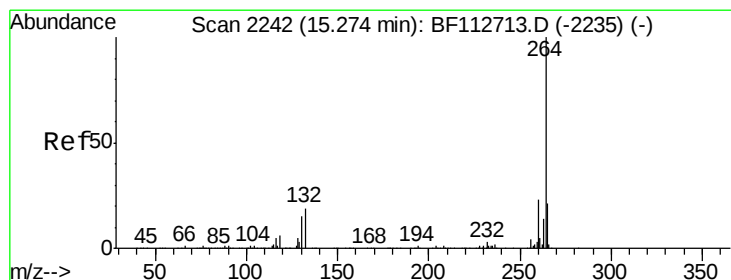
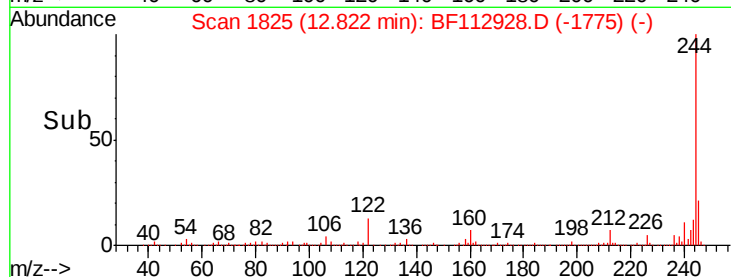
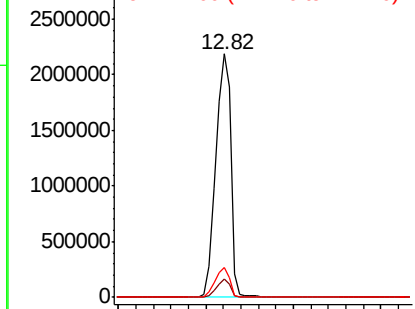
#79
 Terphenyl-d14
 Concen: 57.335 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112928.D
 Acq: 7 Mar 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 2631863
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.5 10.5 15.7

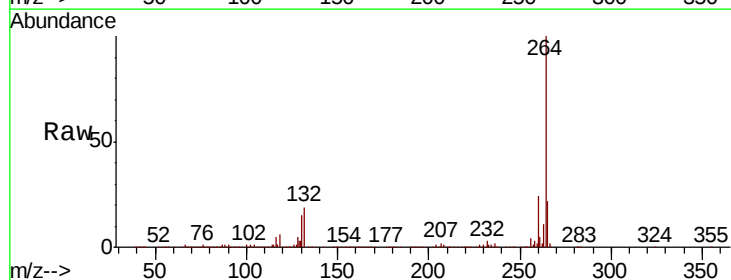


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112928.D
 Acq: 7 Mar 2019 18:22

Tgt Ion:264 Resp: 776302
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.8 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

