

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112960.D
 Acq On : 11 Mar 2019 17:47
 Operator : JU/SJ
 Sample : K1785-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5

Quant Time: Mar 12 04:39:26 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

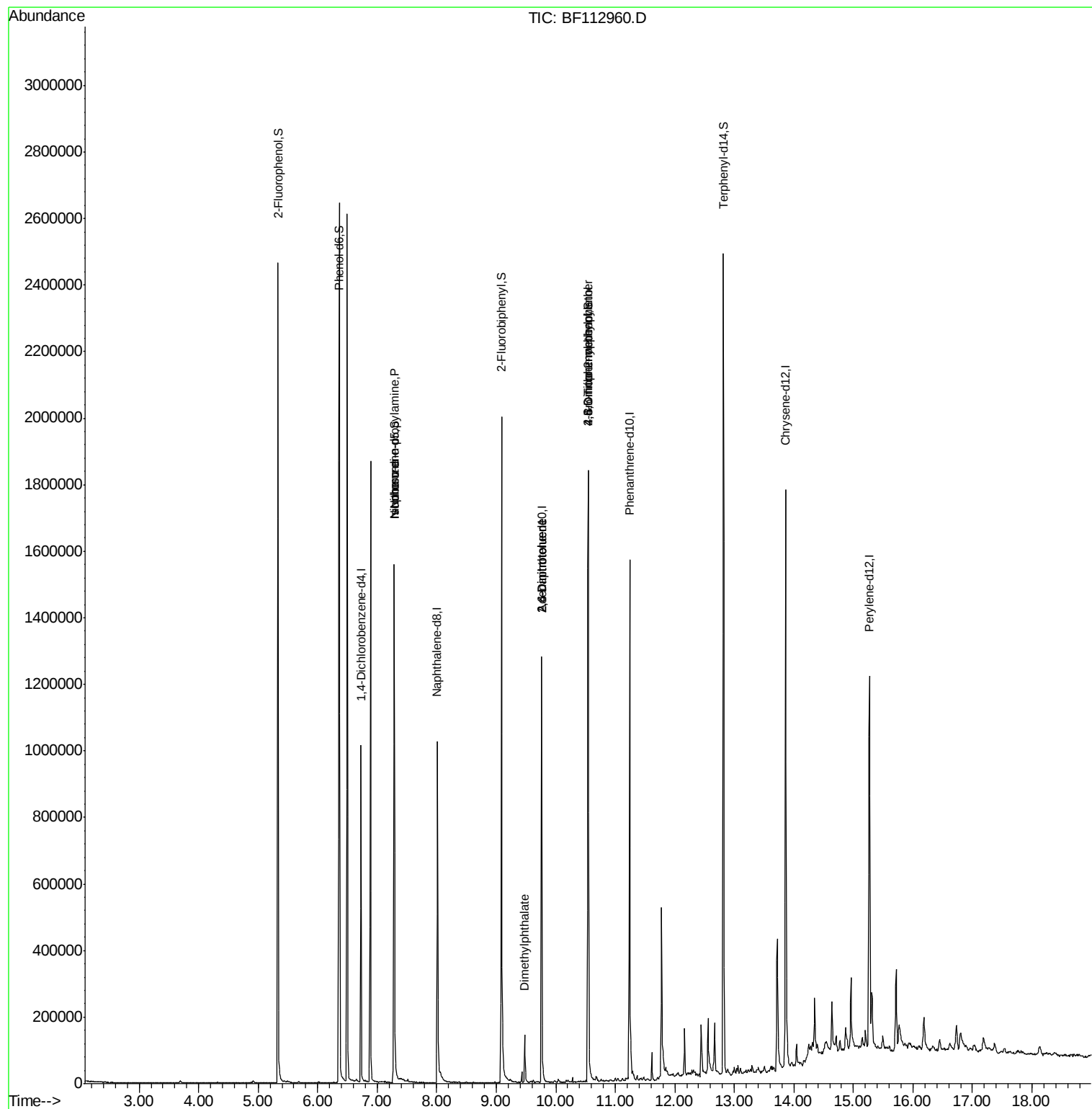
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	143431	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	572360	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	284338	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	646777	20.00	ng	0.00
76) Chrysene-d12	13.86	240	618972	20.00	ng	-0.01
87) Perylene-d12	15.27	264	543326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	697061	75.60	ng	-0.01
7) Phenol-d6	6.36	99	882914	76.23	ng	0.00
23) Nitrobenzene-d5	7.29	82	495917	51.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	270296	89.54	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	722896	36.00	ng	-0.01
79) Terphenyl-d14	12.82	244	845512	26.48	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	63474	8.653	ng	# 75
25) Isophorone	7.29	82	491759	23.864	ng	# 66
50) Dimethylphthalate	9.48	163	64494	3.076	ng	100
51) 2,6-Dinitrotoluene	9.76	165	36729	8.413	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	36730	6.768	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	357	4.734	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	15358	2.254	ng	# 1

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

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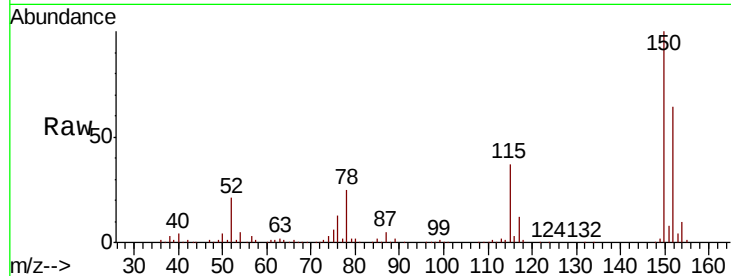


#1

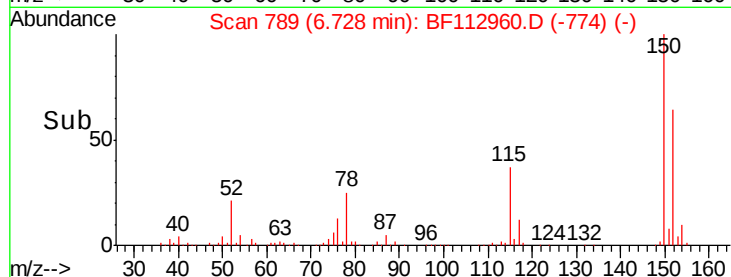
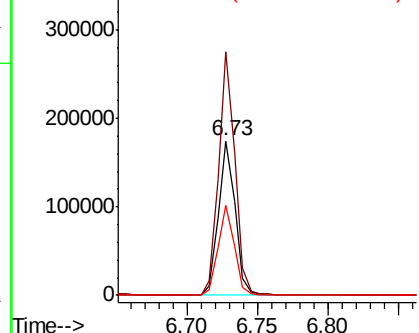
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5

Tgt Ion:152 Resp: 143431
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.2
115 58.3 48.2 72.4



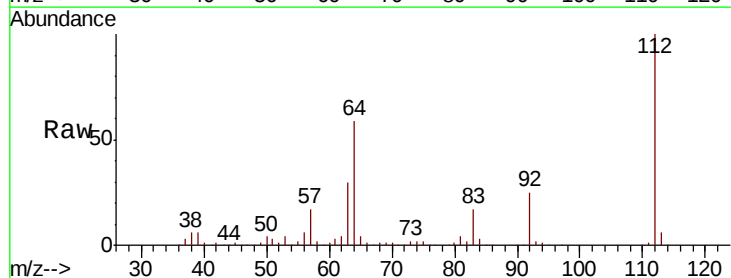
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



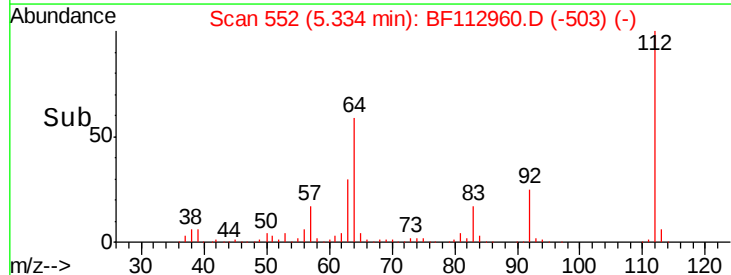
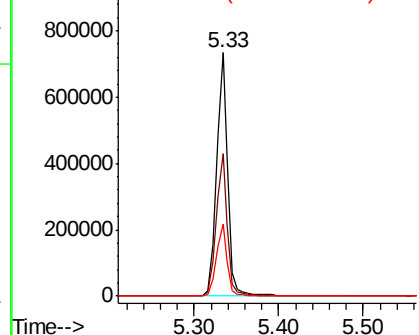
#5

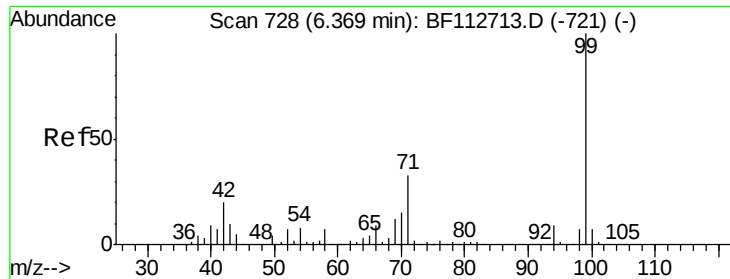
2-Fluorophenol
Concen: 75.598 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Tgt Ion:112 Resp: 697061
Ion Ratio Lower Upper
112 100
64 58.7 47.6 71.4
63 29.5 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: 76.227 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112960.D

Acq: 11 Mar 2019 17:47

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5

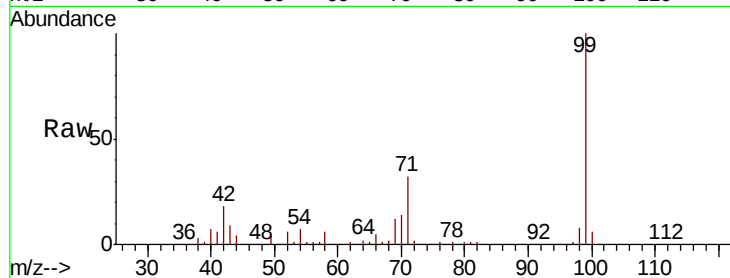
Tgt Ion: 99 Resp: 882914

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

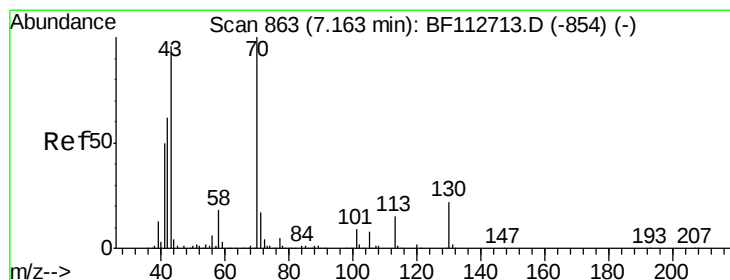
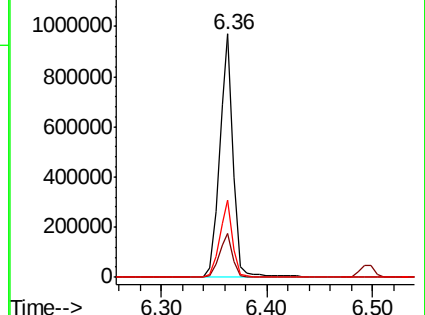
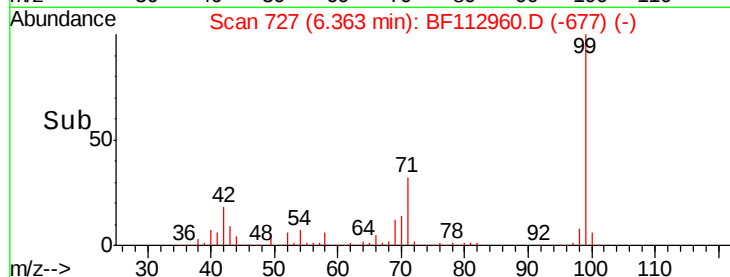
71 31.6 26.2 39.4



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: 8.653 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112960.D

Acq: 11 Mar 2019 17:47

Tgt Ion: 70 Resp: 63474

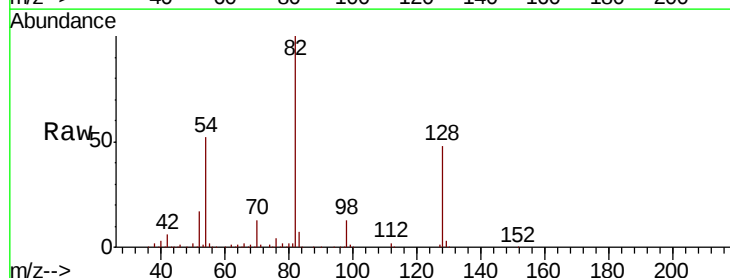
Ion Ratio Lower Upper

70 100

42 47.4 49.9 74.9#

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#

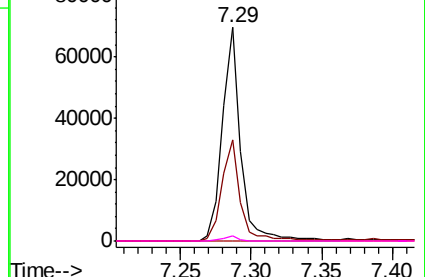
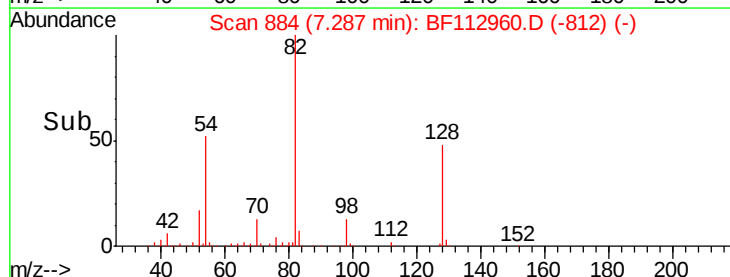


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

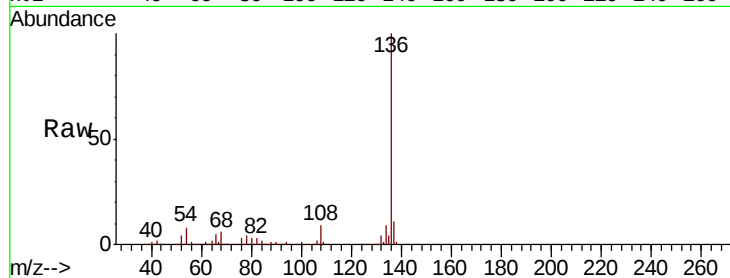




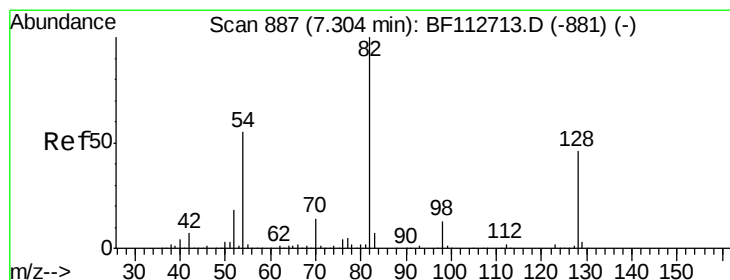
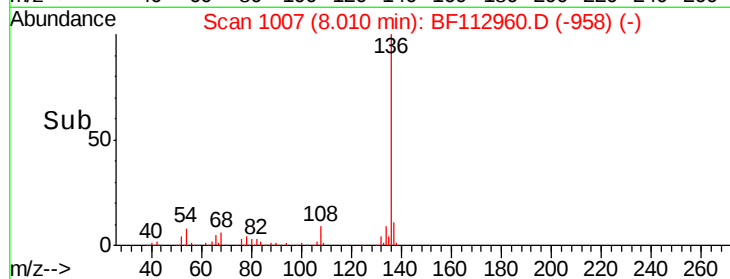
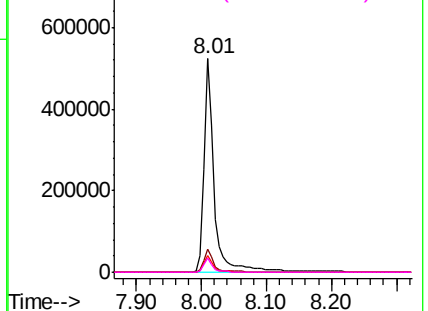
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5

Tgt Ion:	136	Resp:	572360
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	7.3	10.9
68	6.3	5.4	8.2

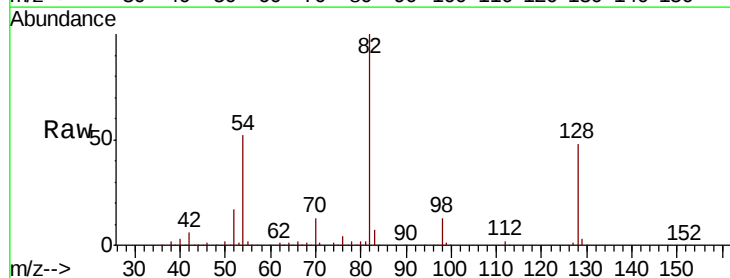


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

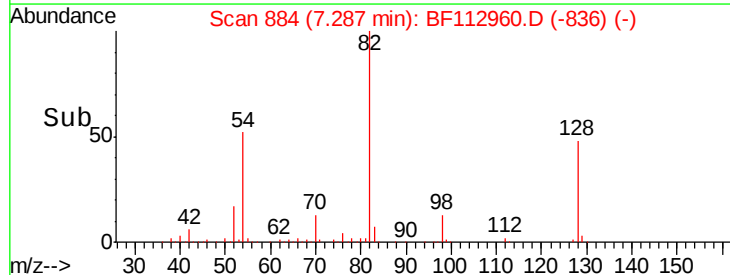
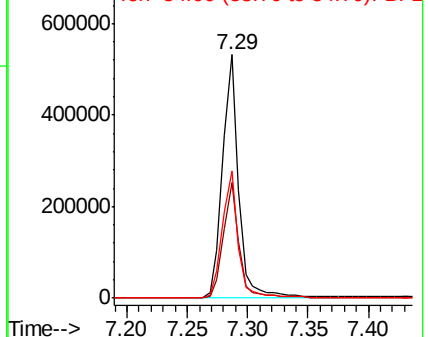


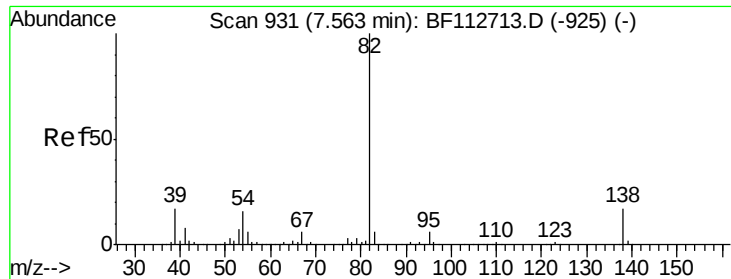
#23
Nitrobenzene-d5
Concen: 51.846 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Tgt Ion:	82	Resp:	495917
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.1	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: 23.864 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112960.D

Acq: 11 Mar 2019 17:47

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5

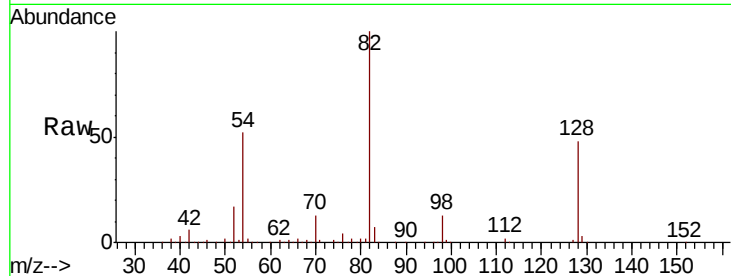
Tgt Ion: 82 Resp: 491759

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

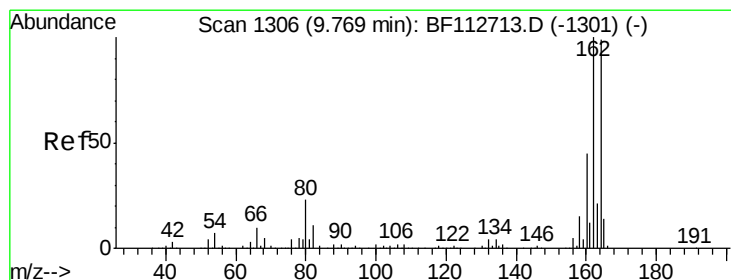
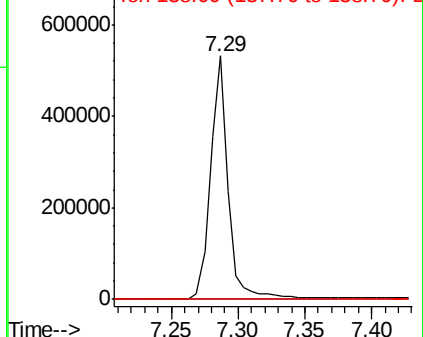
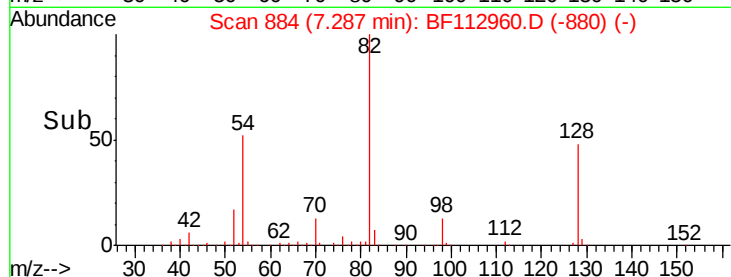
138 0.0 13.8 20.8#



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: BF112960.D

Acq: 11 Mar 2019 17:47

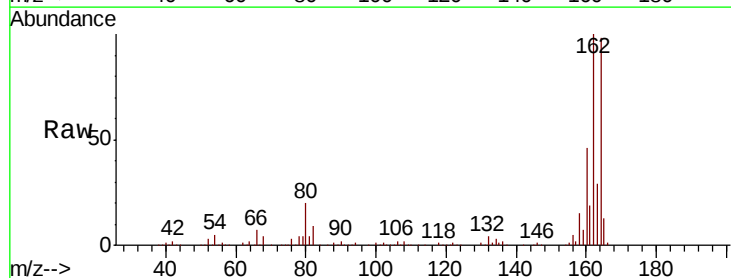
Tgt Ion: 164 Resp: 284338

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

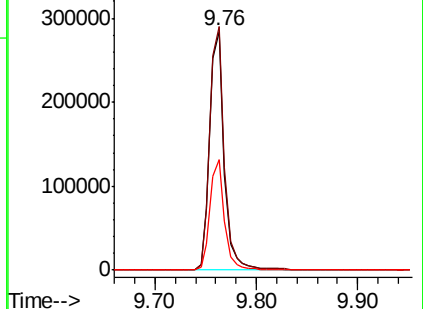
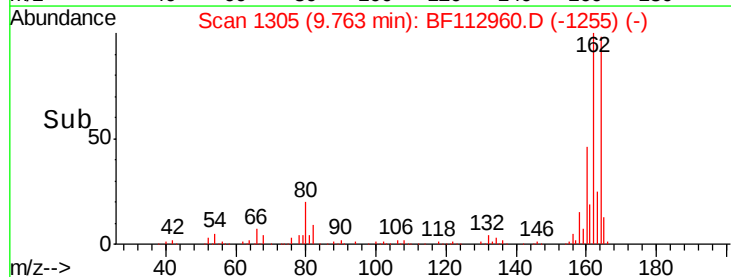
160 46.5 36.0 54.0

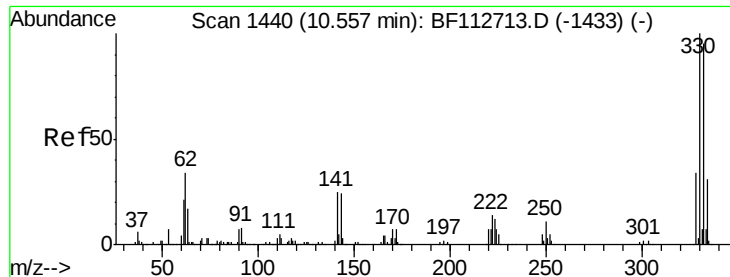


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

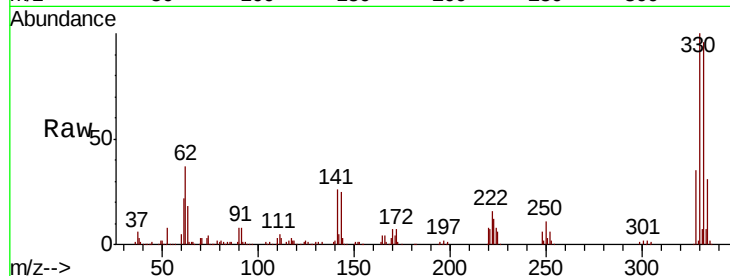




#42
 2,4,6-Tribromophenol
 Concen: 89.543 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	27.8	27.0	40.6

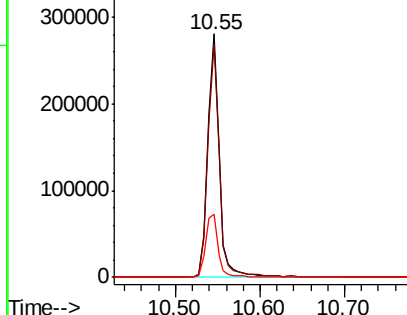
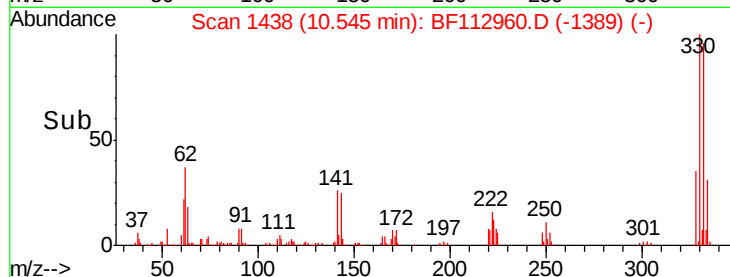


Abundance

Ion 329.80 (329.50 to 330.50): E

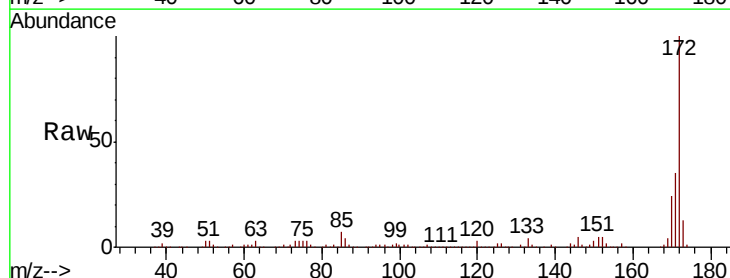
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 35.997 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.7	20.0	30.0

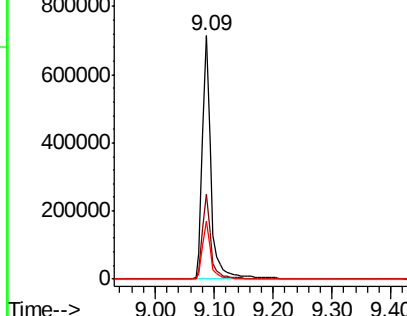
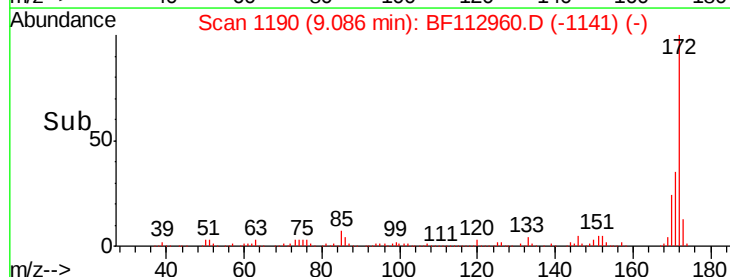


Abundance

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

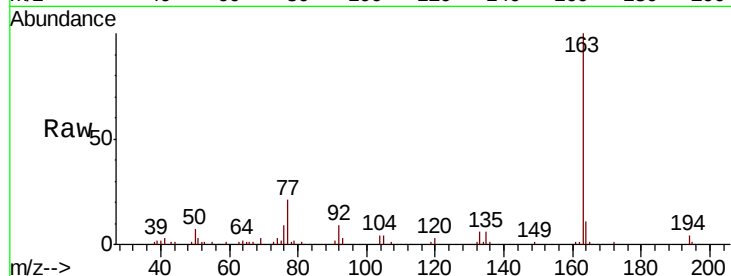




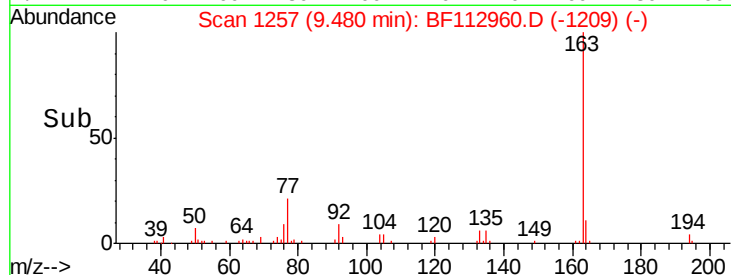
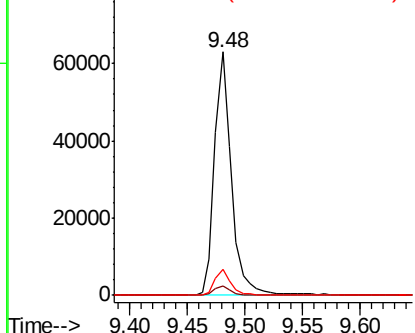
#50
Dimethylphthalate
Concen: 3.076 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5

Tgt Ion:163 Resp: 64494
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.6 8.4 12.6

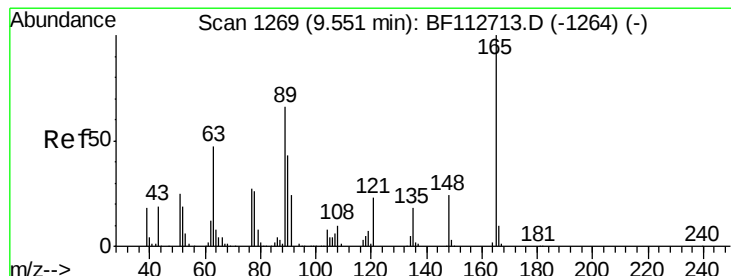


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

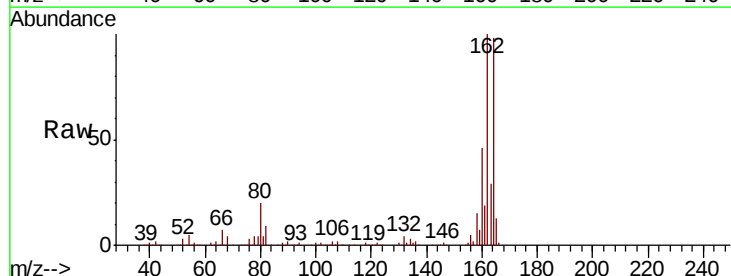
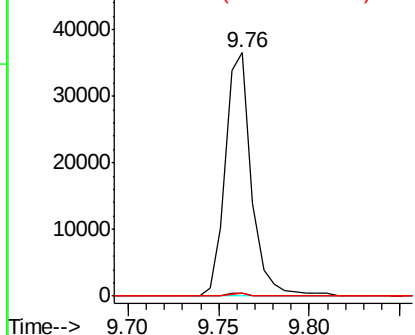


#51
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Tgt Ion:165 Resp: 36729
Ion Ratio Lower Upper
165 100
63 1.4 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

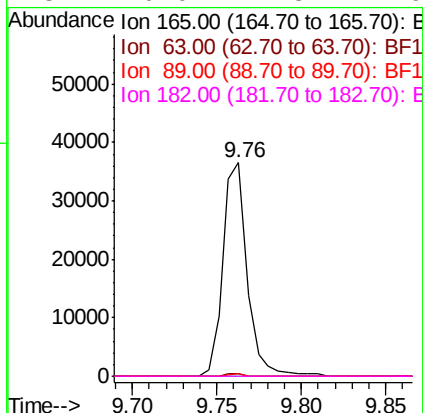
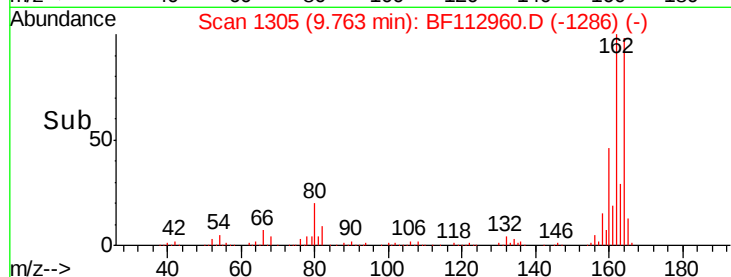
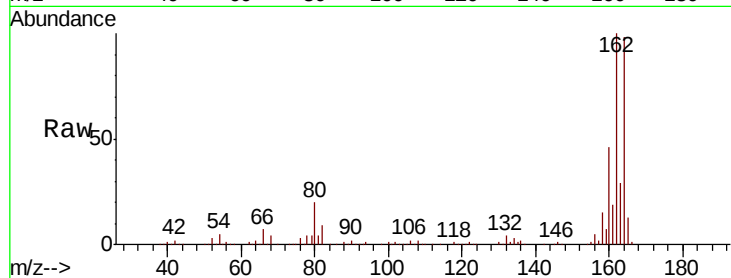




#57
 2,4-Dinitrotoluene
 Concen: 6.768 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

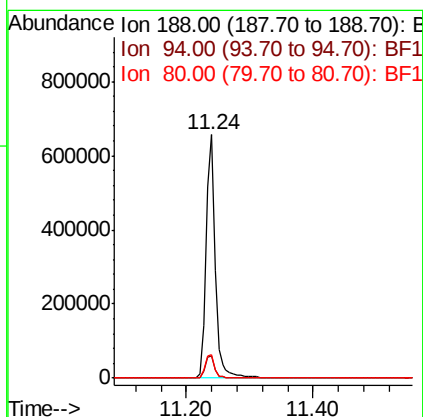
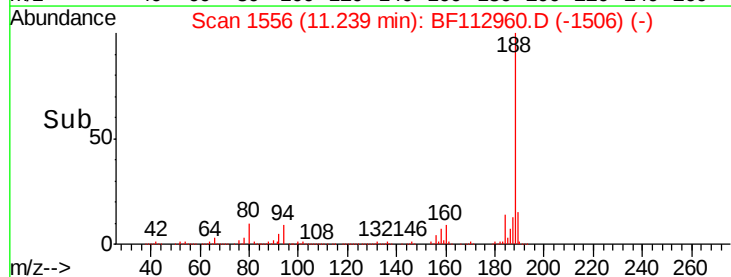
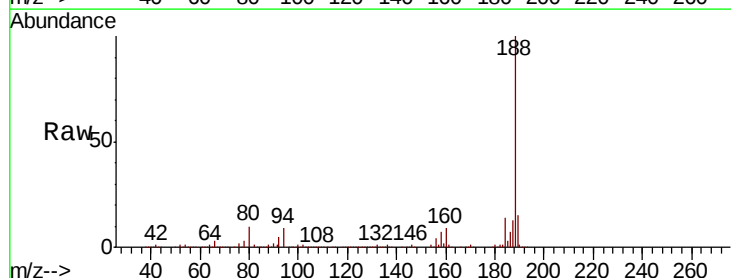
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5

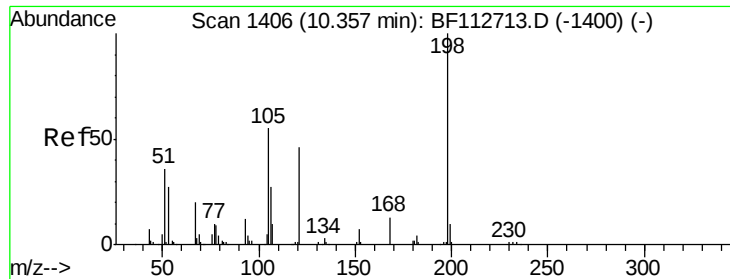
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.6	9.2	13.8

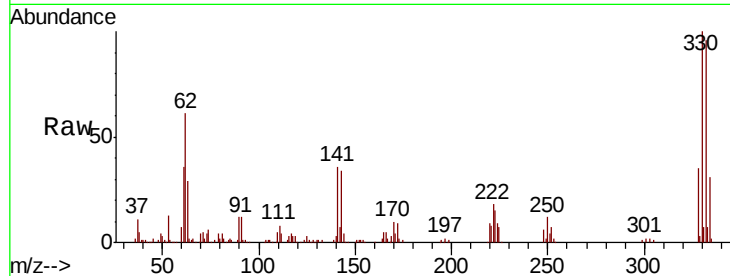




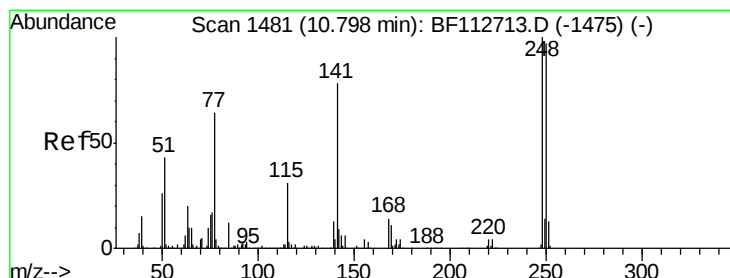
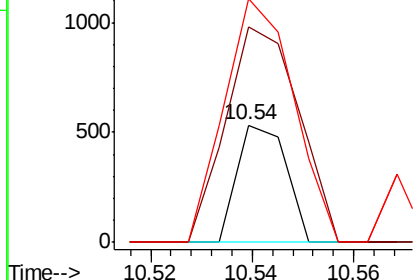
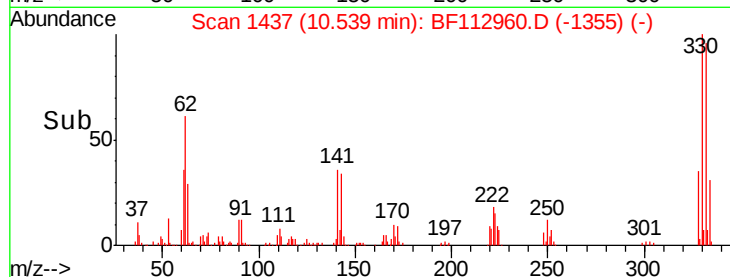
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.734 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

Instrument :
 BNA_F
 ClientSampled :
 SD2-0.0-0.5

Tgt Ion:198 Resp: 357
 Ion Ratio Lower Upper
 198 100
 51 183.7 43.8 83.8#
 105 207.7 36.5 76.5#

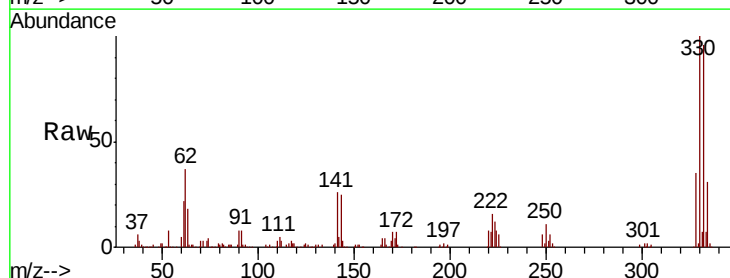


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

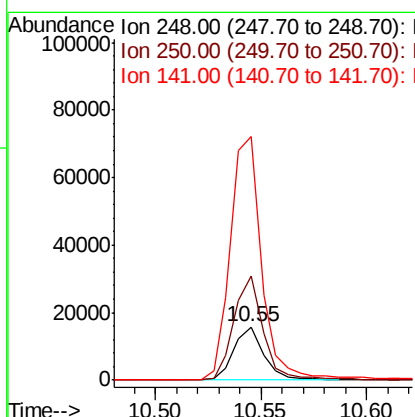
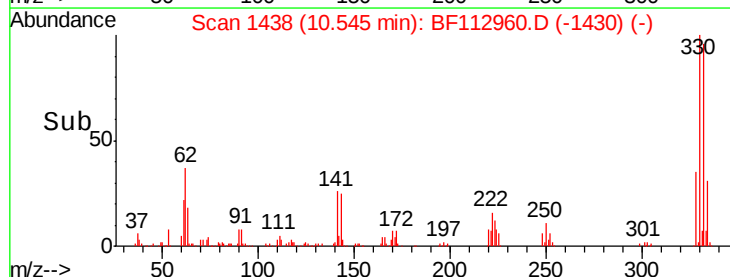


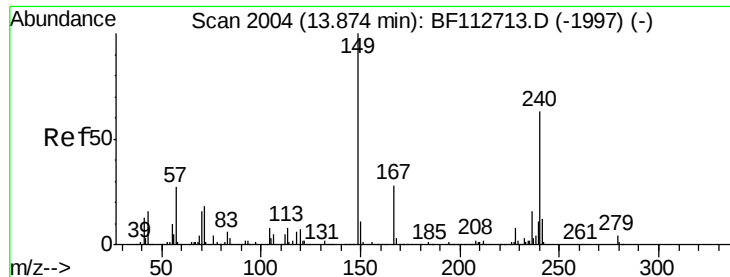
#67
 4-Bromophenyl-phenylether
 Concen: 2.254 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

Tgt Ion:248 Resp: 15358
 Ion Ratio Lower Upper
 248 100
 250 195.8 77.5 116.3#
 141 459.5 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

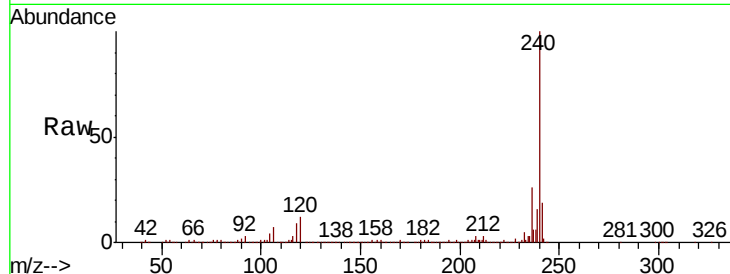




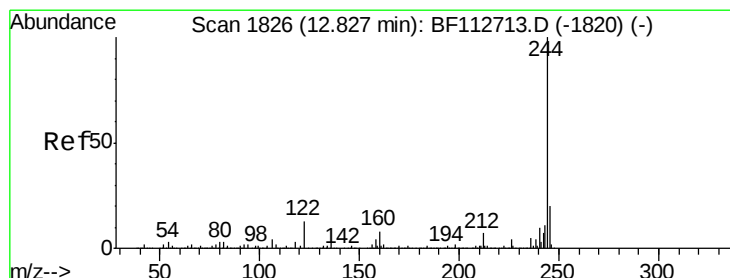
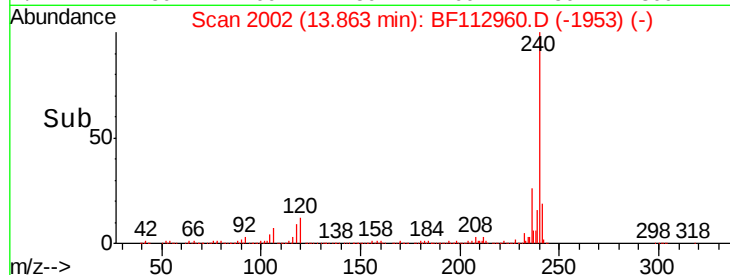
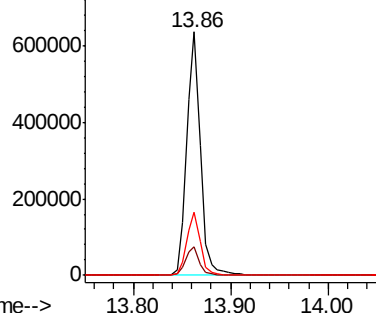
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5

Tgt Ion:240 Resp: 618972
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.1 20.7 31.1

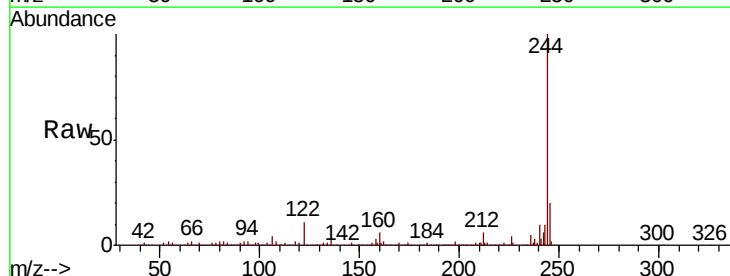


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

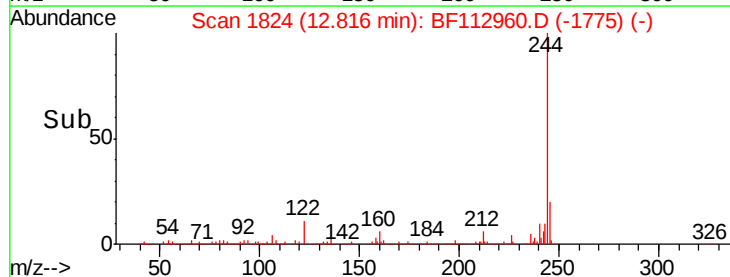
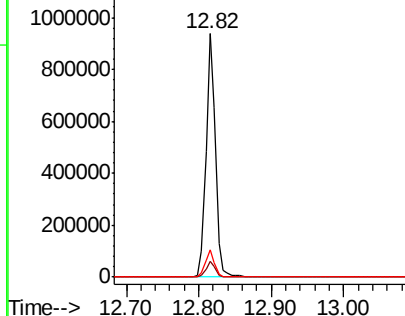


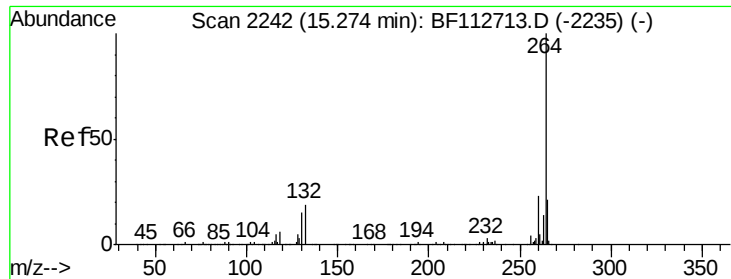
#79
Terphenyl-d14
Concen: 26.480 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Tgt Ion:244 Resp: 845512
Ion Ratio Lower Upper
244 100
212 6.4 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: BF112960.D
Acq: 11 Mar 2019 17:47

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5

Tgt Ion: 264 Resp: 543326
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.3 17.2 25.8

