

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113309.D
 Acq On : 26 Mar 2019 23:49
 Operator : JU/SJ
 Sample : K2103-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-3H-A

Quant Time: Mar 27 05:02:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

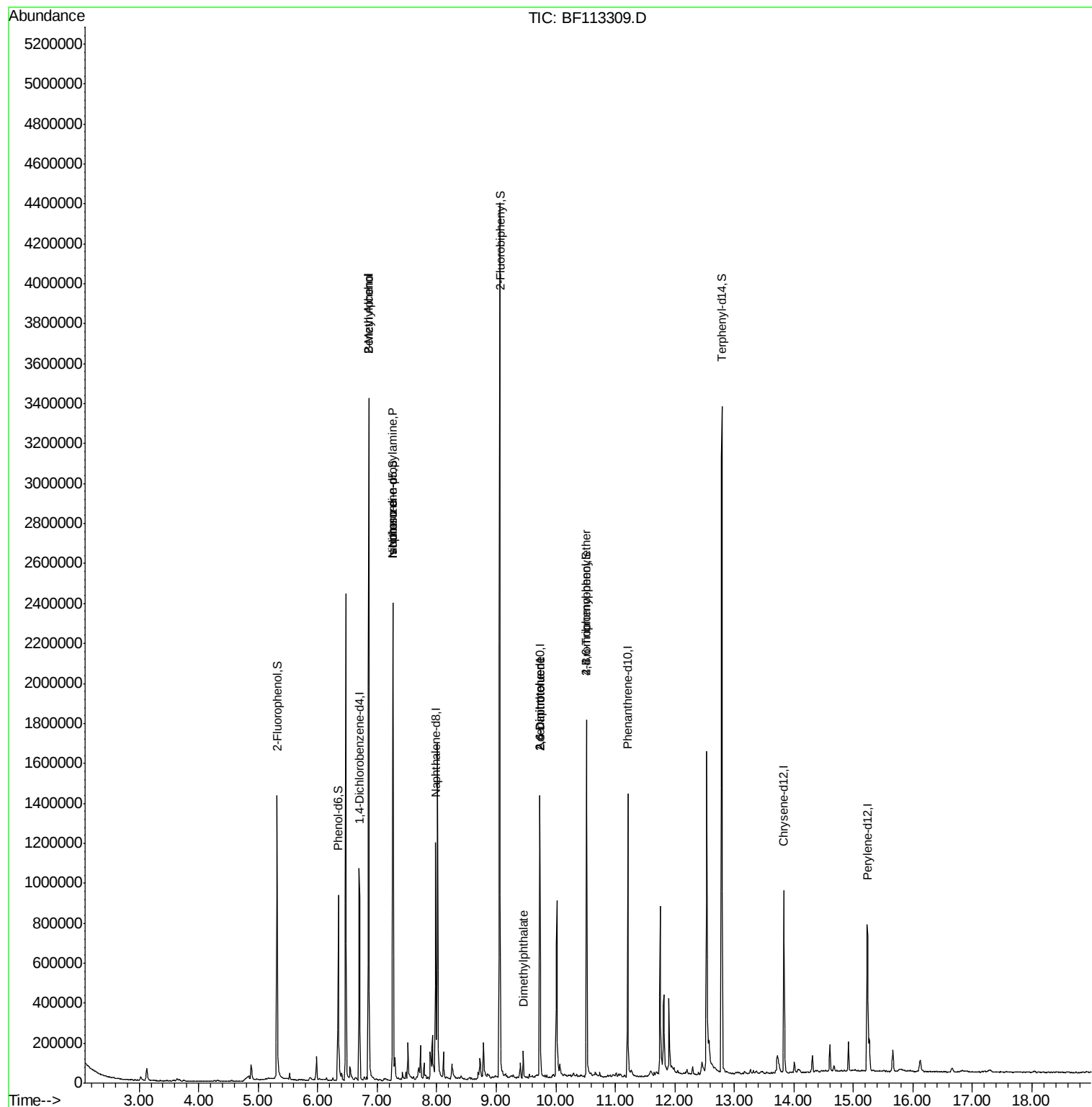
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165341	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	580617	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	282013	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	533256	20.00	ng	0.00
76) Chrysene-d12	13.83	240	329632	20.00	ng	-0.01
87) Perylene-d12	15.23	264	377022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	419357	41.47	ng	0.00
7) Phenol-d6	6.35	99	369994	28.92	ng	-0.01
23) Nitrobenzene-d5	7.26	82	904599	92.47	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	250692	71.97	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1576160	88.28	ng	0.00
79) Terphenyl-d14	12.79	244	1238240	82.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.85	79	58701	6.956	ng	# 83
17) 2-Methylphenol	6.85	107	25260	2.745	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	118836	14.789	ng	# 77
20) 3+4-Methylphenols	7.15	107	3965	Below Cal		88
25) Isophorone	7.26	82	888043	46.844	ng	# 64
50) Dimethylphthalate	9.45	163	47682	2.281	ng	100
51) 2,6-Dinitrotoluene	9.73	165	35749	7.582	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	35749	5.962	ng	# 24
67) 4-Bromophenyl-phenylether	10.52	248	13689	2.355	ng	# 1

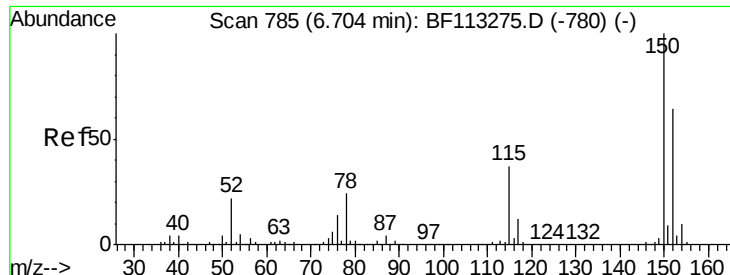
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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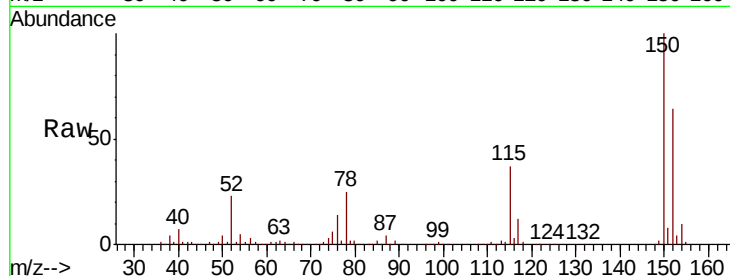


#1

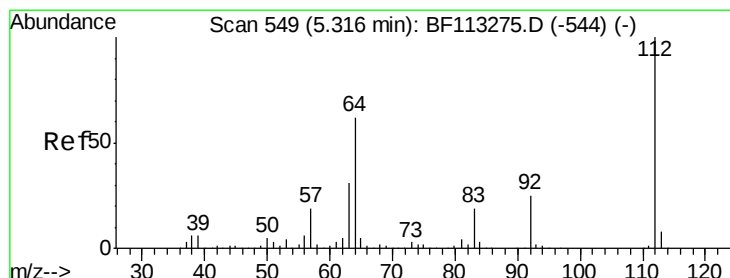
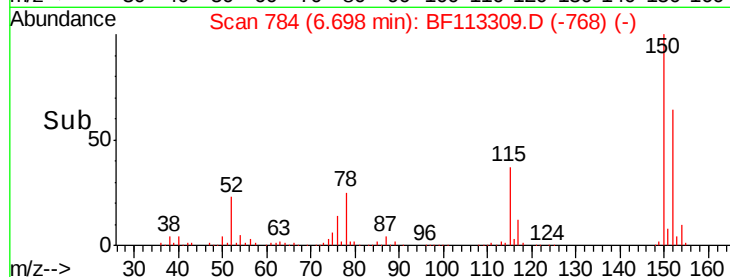
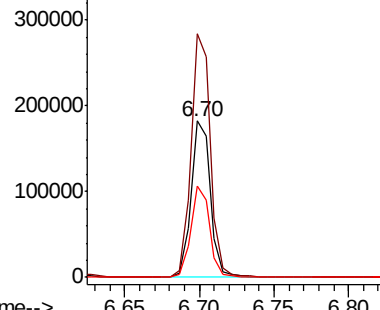
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113309.D
 Acq: 26 Mar 2019 23:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-3H-A

Tgt Ion:152 Resp: 165341
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.7 187.1
 115 58.1 46.0 69.0



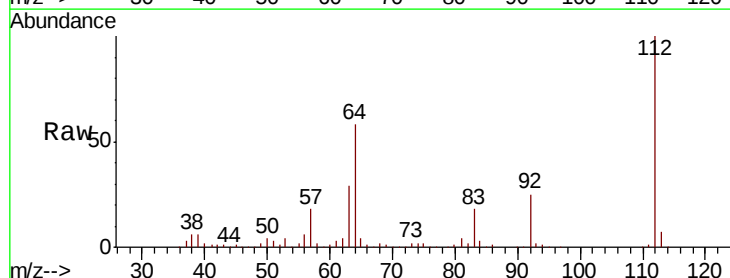
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



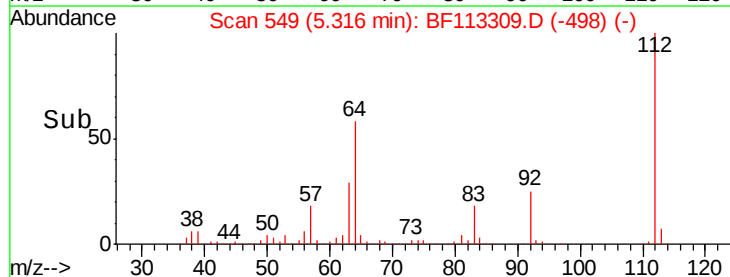
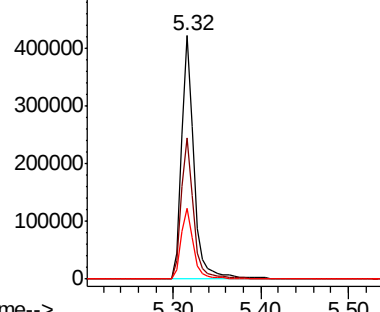
#5

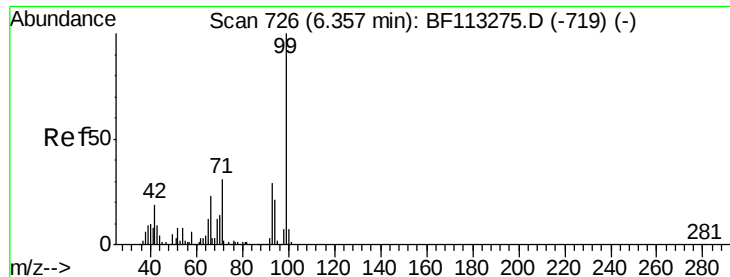
2-Fluorophenol
 Concen: 41.472 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113309.D
 Acq: 26 Mar 2019 23:49

Tgt Ion:112 Resp: 419357
 Ion Ratio Lower Upper
 112 100
 64 58.1 49.2 73.8
 63 29.3 24.9 37.3



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: 28.924 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113309.D

Acq: 26 Mar 2019 23:49

Instrument :

BNA_F

ClientSampleId :

MH-C02-SETTLED-3H-A

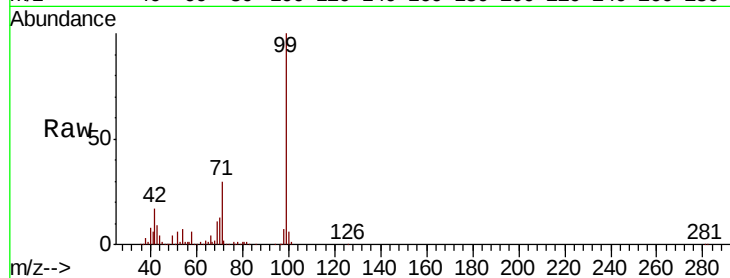
Tgt Ion: 99 Resp: 369994

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

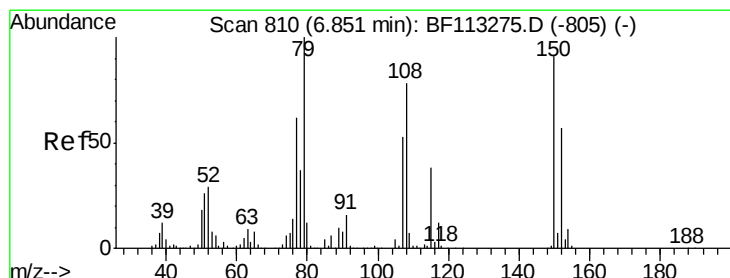
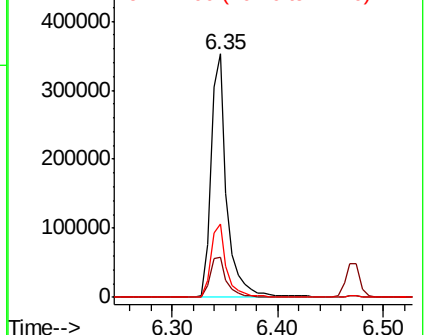
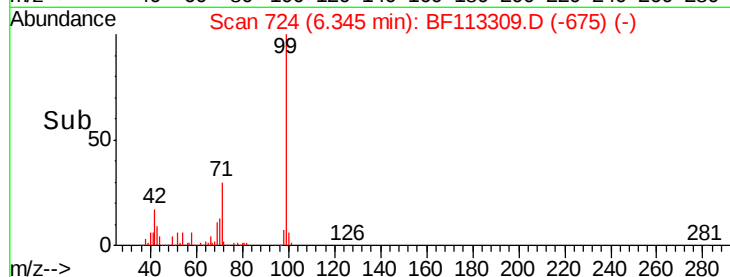
71 29.9 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 6.956 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113309.D

Acq: 26 Mar 2019 23:49

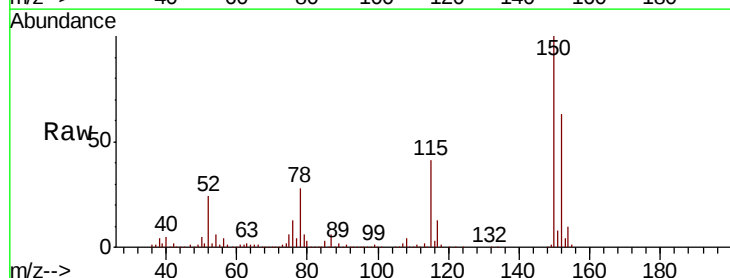
Tgt Ion: 79 Resp: 58701

Ion Ratio Lower Upper

79 100

108 59.2 62.0 93.0#

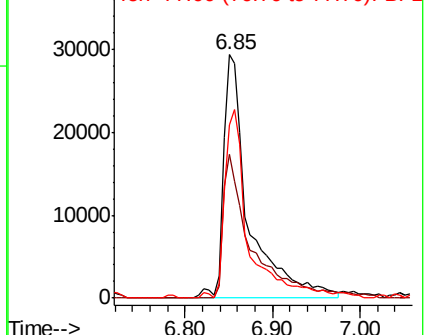
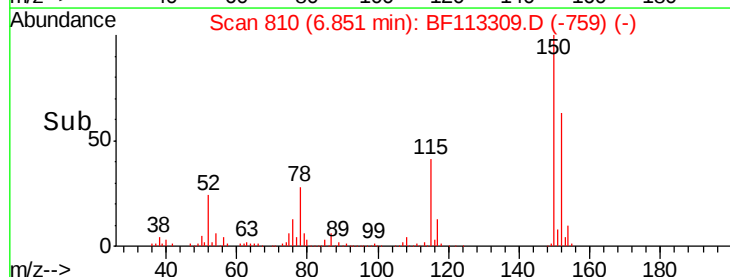
77 71.3 49.9 74.9

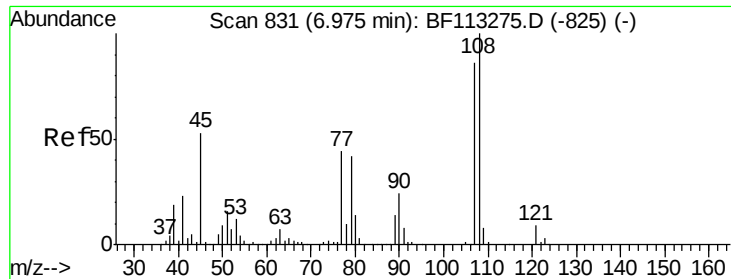


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

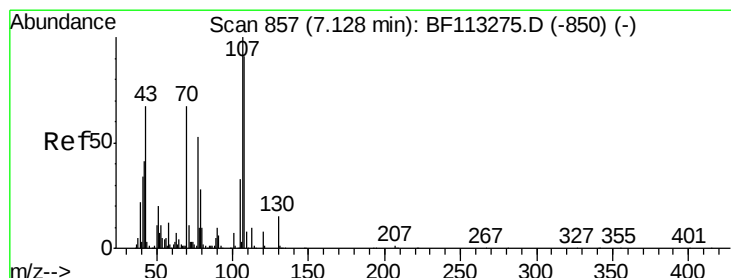
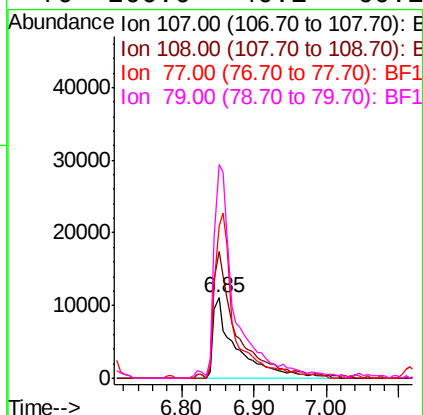
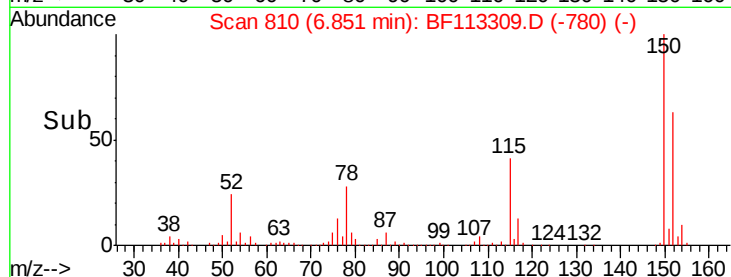
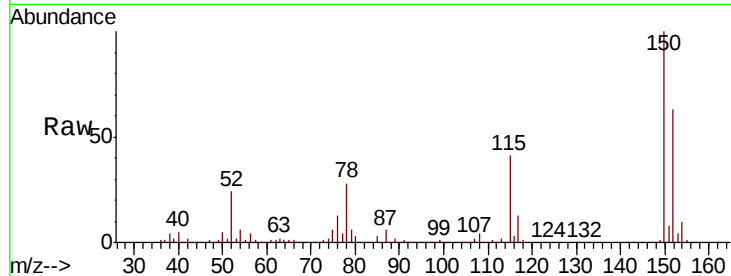




#17
2-Methylphenol
Concen: 2.745 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.12 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

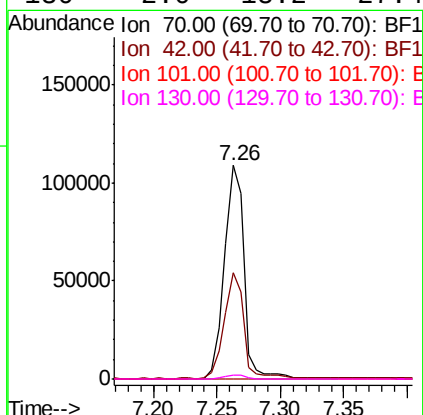
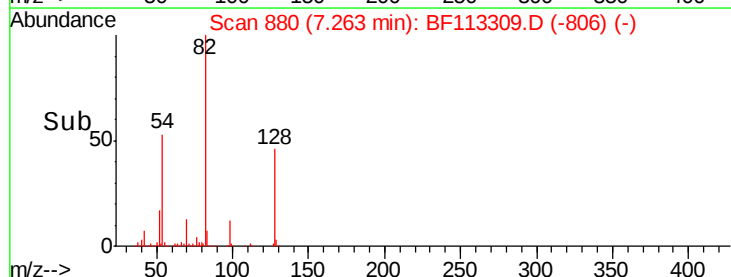
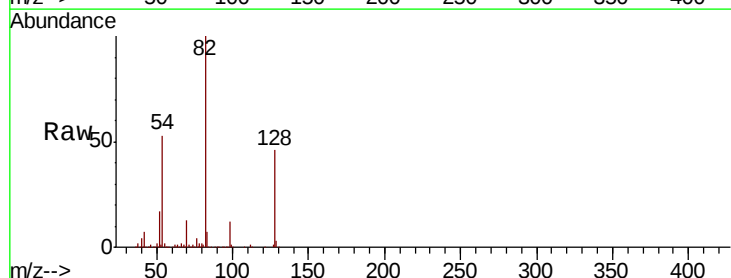
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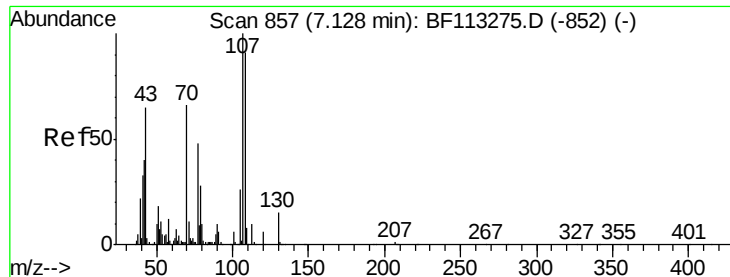
Tgt Ion:107 Resp: 25260
Ion Ratio Lower Upper
107 100
108 157.9 93.4 140.0#
77 190.1 41.2 61.8#
79 266.6 40.1 60.1#



#19
n-Nitroso-di-n-propylamine
Concen: 14.789 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion: 70 Resp: 118836
Ion Ratio Lower Upper
70 100
42 49.7 48.4 72.6
101 0.0 7.8 11.8#
130 2.0 18.2 27.4#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. 0.02 min

Lab File: BF113309.D

Acq: 26 Mar 2019 23:49

Instrument :

BNA_F

ClientSampleId :

MH-C02-SETTLED-3H-A

Tgt Ion:107 Resp: 3965

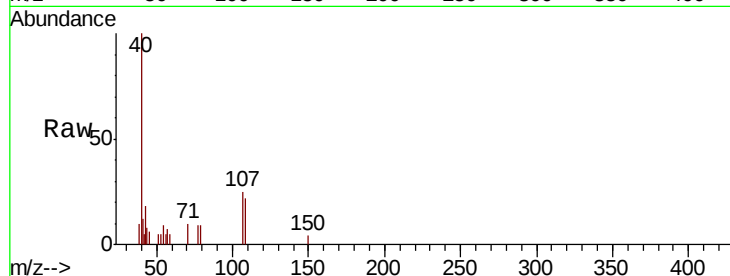
Ion Ratio Lower Upper

107 100

108 86.2 71.4 111.4

77 37.4 33.5 73.5

79 34.8 8.3 48.3

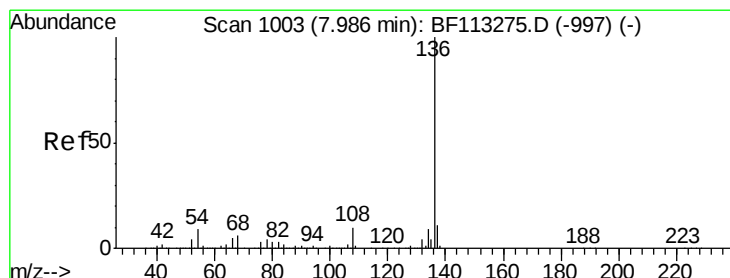
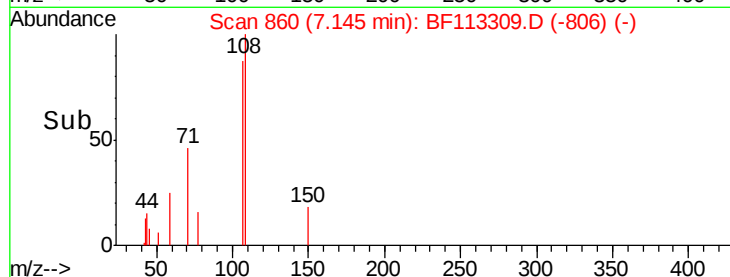
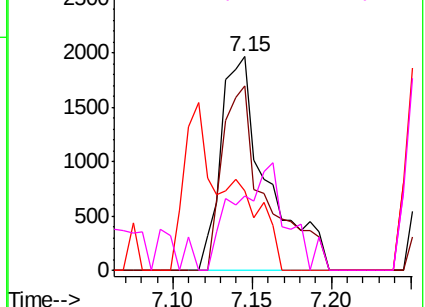


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113309.D

Acq: 26 Mar 2019 23:49

Tgt Ion:136 Resp: 580617

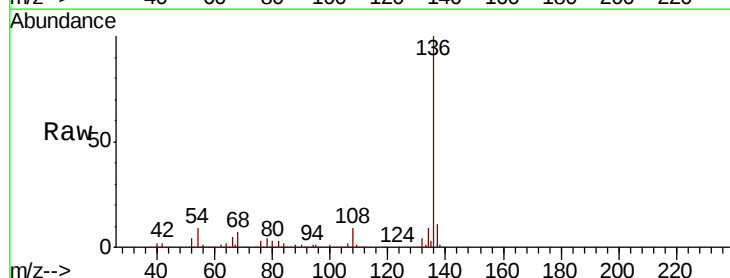
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.9 7.0 10.6

68 6.6 4.8 7.2

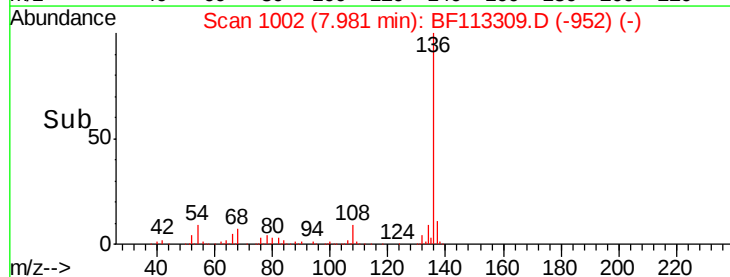
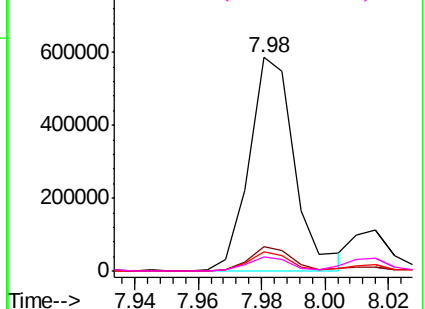


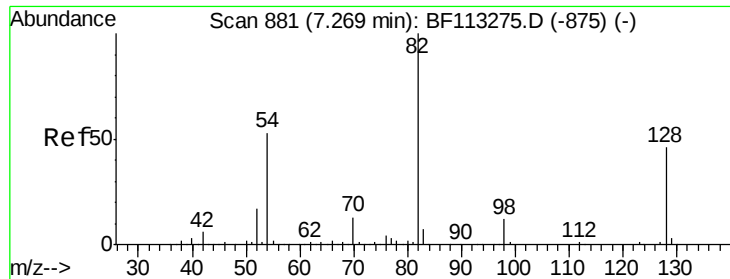
Abundance Ion 136.00 (135.70 to 136.70): E

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

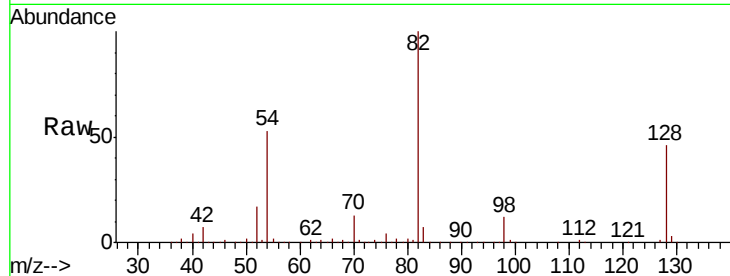




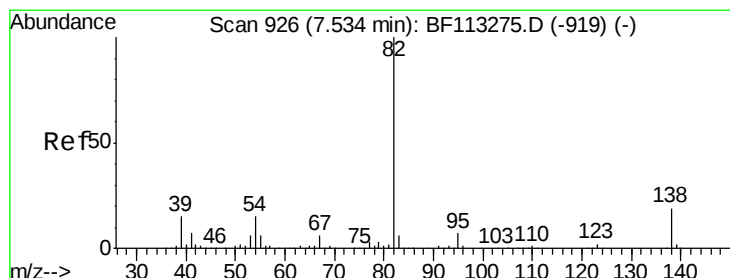
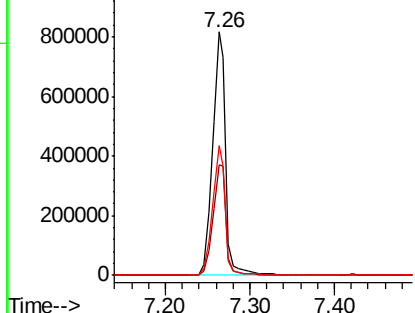
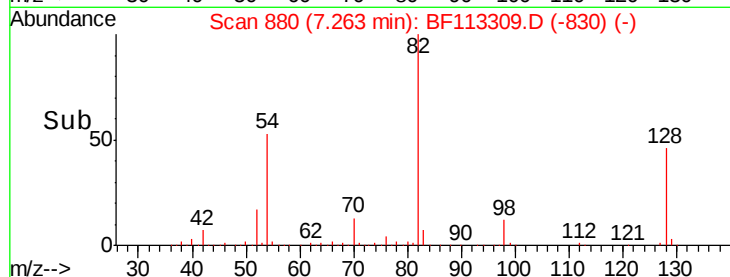
#23
 Nitrobenzene-d5
 Concen: 92.473 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113309.D
 Acq: 26 Mar 2019 23:49

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 ClientSampleId :
 MH-C02-SETTLED-3H-A

Tgt Ion: 82 Resp: 904599
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.5 54.7
 54 53.3 42.2 63.2

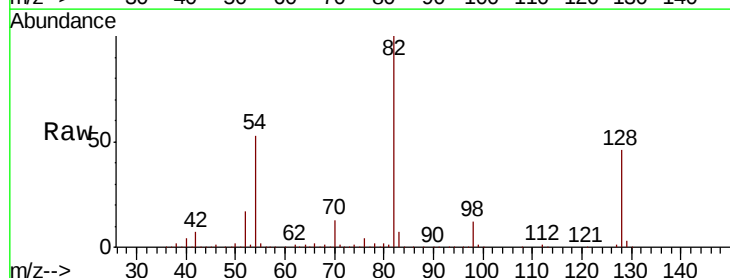


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

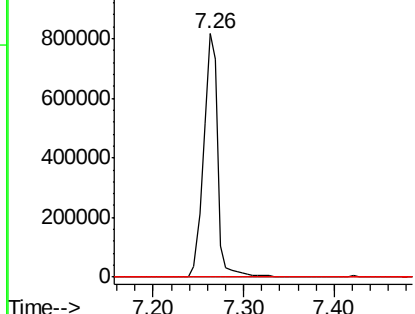
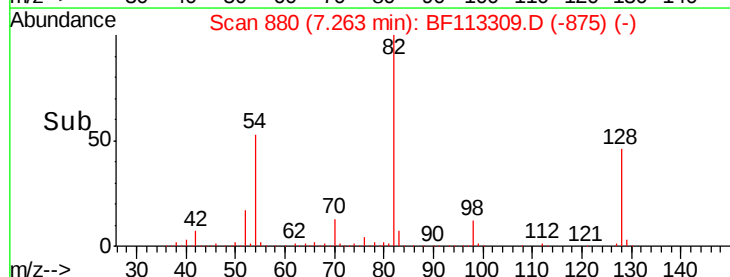


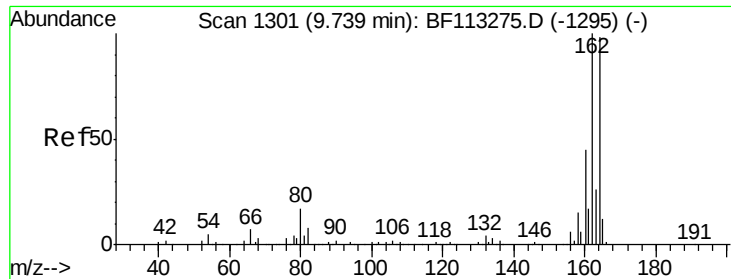
#25
 Isophorone
 Concen: 46.844 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.27 min
 Lab File: BF113309.D
 Acq: 26 Mar 2019 23:49

Tgt Ion: 82 Resp: 888043
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 15.2 22.8#



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

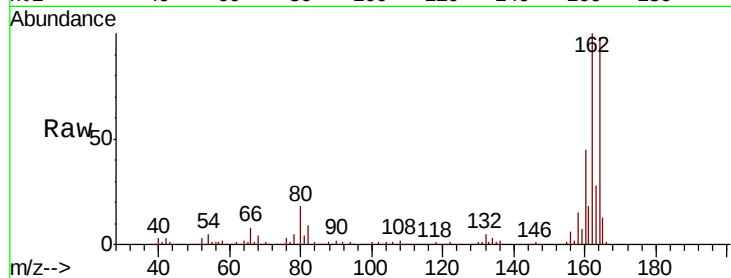




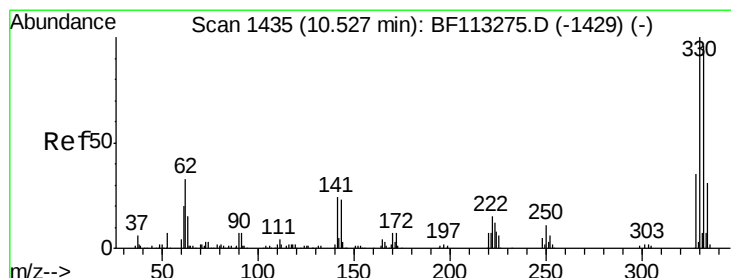
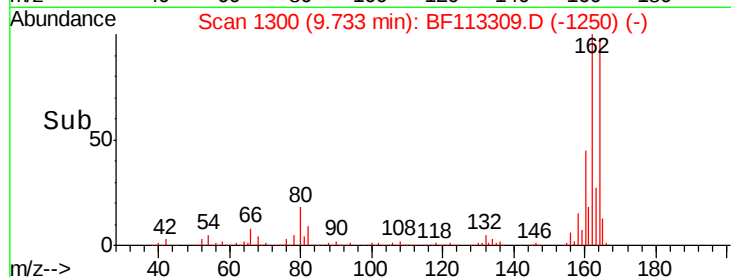
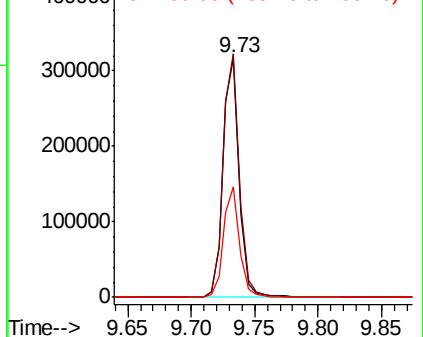
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:164 Resp: 282013
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 46.1 36.4 54.6

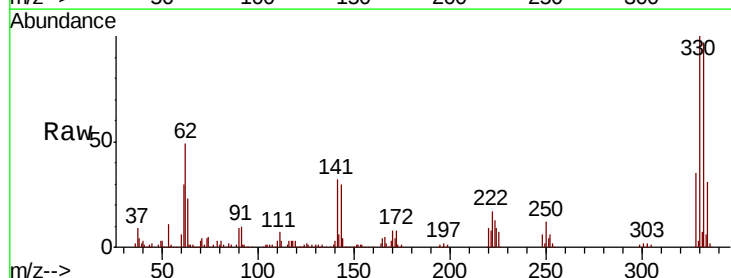


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

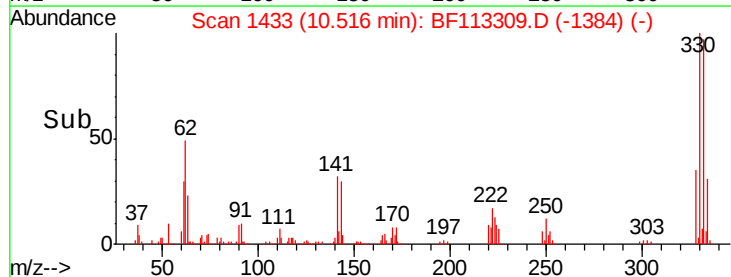
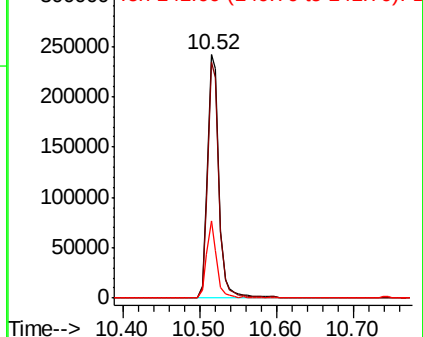


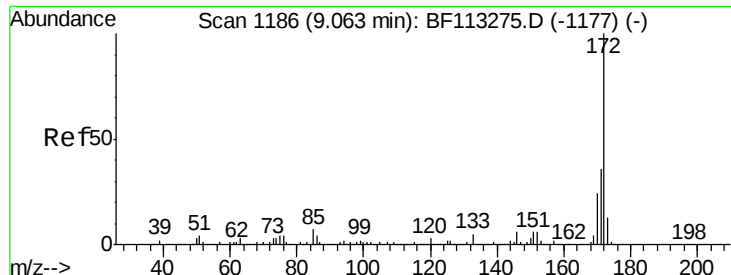
#42
2,4,6-Tribromophenol
Concen: 71.965 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:330 Resp: 250692
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.6
141 29.1 22.7 34.1



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

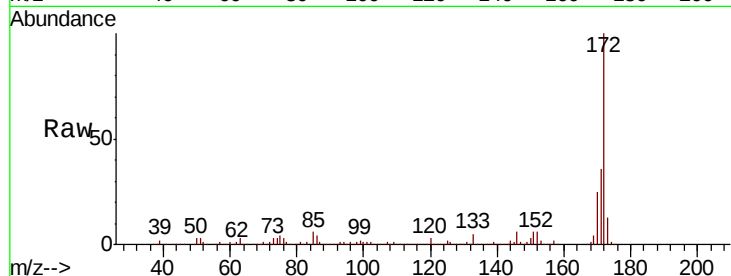




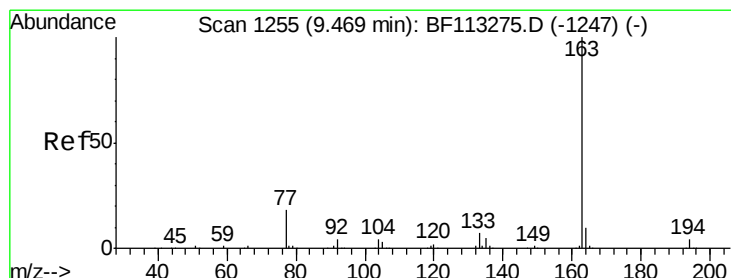
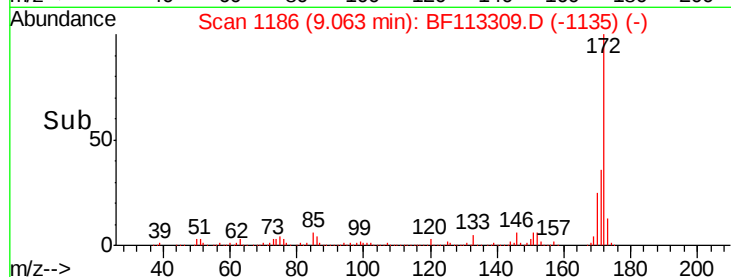
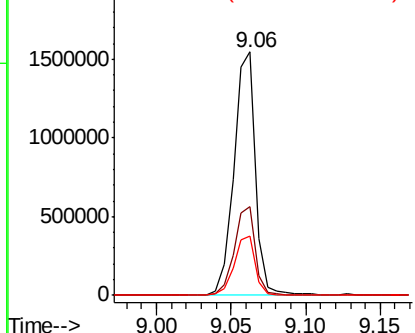
#45
2-Fluorobiphenyl
Concen: 88.280 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:172 Resp: 1576160
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.6 19.5 29.3

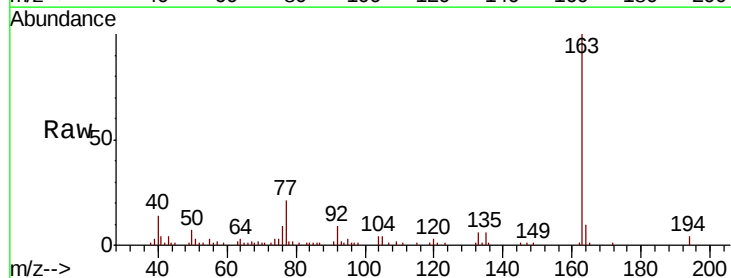


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

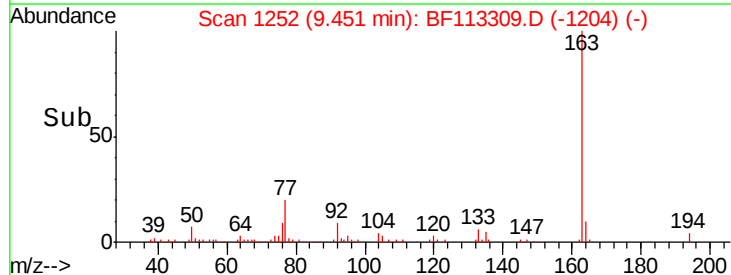
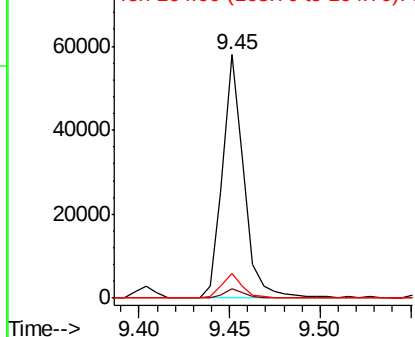


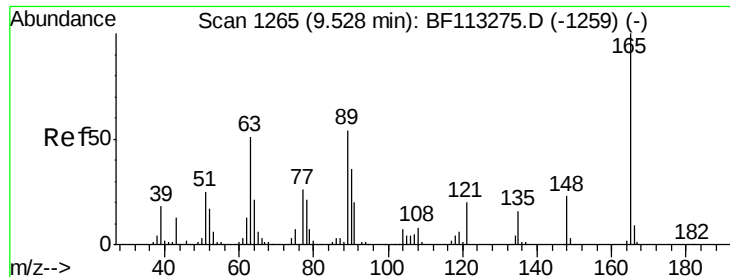
#50
Dimethylphthalate
Concen: 2.281 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:163 Resp: 47682
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.1 12.1



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

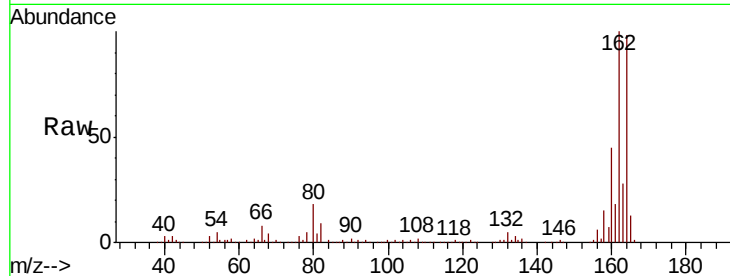




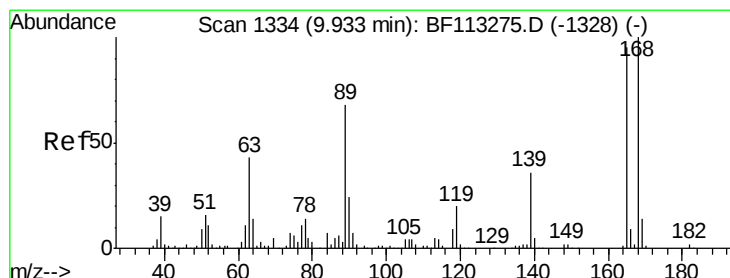
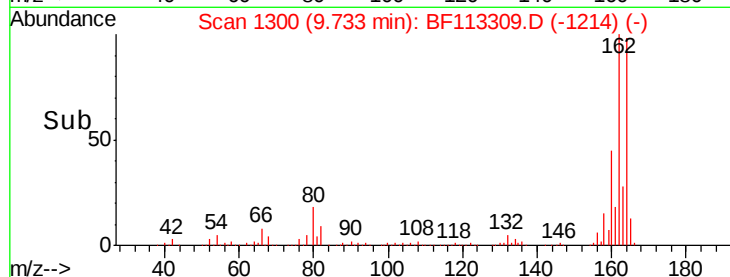
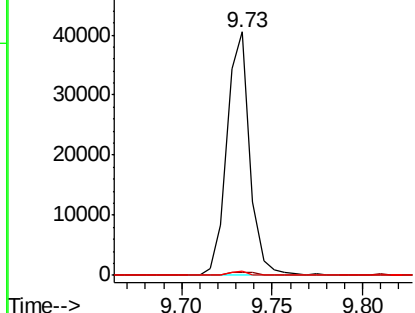
#51
 2,6-Dinitrotoluene
 Concen: 7.582 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113309.D
 Acq: 26 Mar 2019 23:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-3H-A

Tgt Ion:165 Resp: 35749
 Ion Ratio Lower Upper
 165 100
 63 1.3 43.4 65.0#
 89 1.8 43.1 64.7#

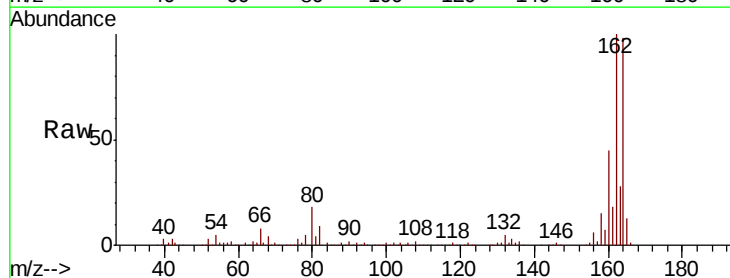


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

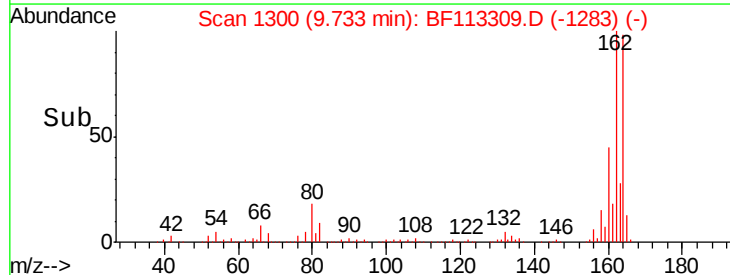
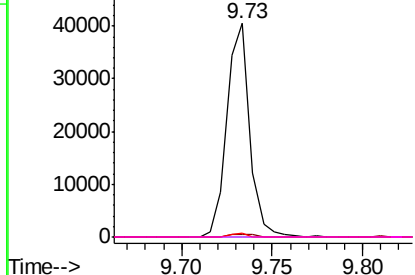


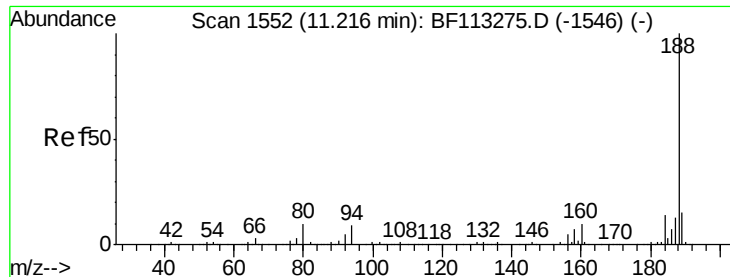
#57
 2,4-Dinitrotoluene
 Concen: 5.962 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113309.D
 Acq: 26 Mar 2019 23:49

Tgt Ion:165 Resp: 35749
 Ion Ratio Lower Upper
 165 100
 63 1.3 37.5 56.3#
 89 1.8 57.4 86.2#
 182 0.0 2.0 3.0#



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

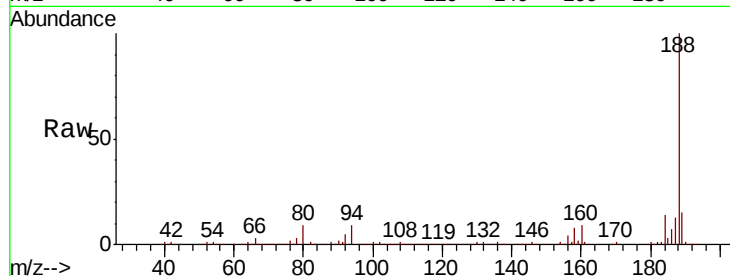




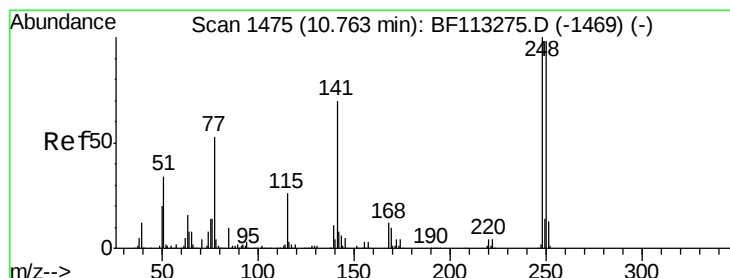
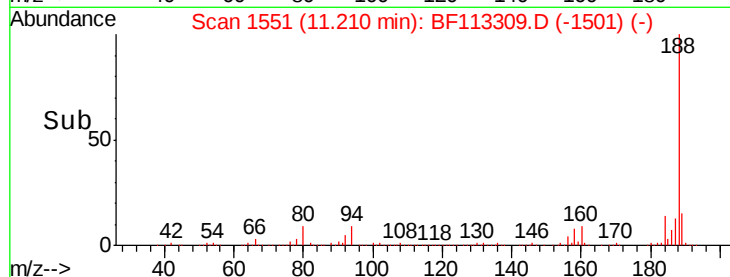
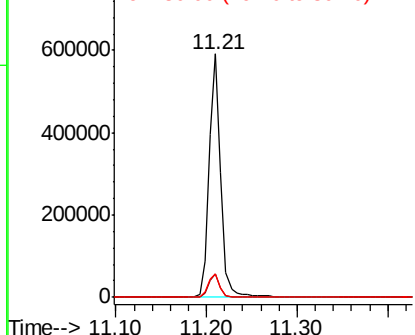
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:188 Resp: 533256
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.5 7.7 11.5

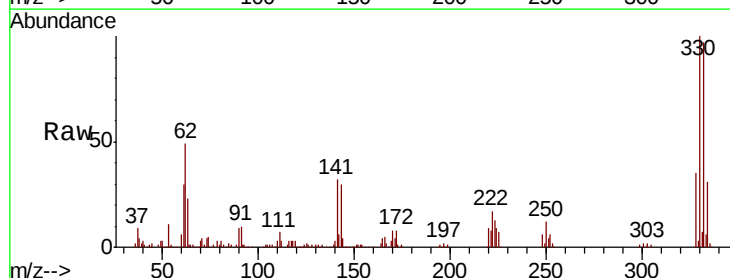


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

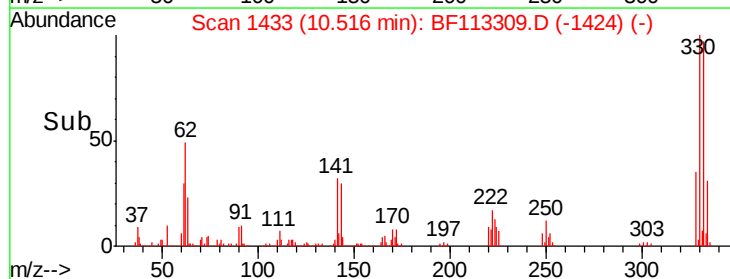
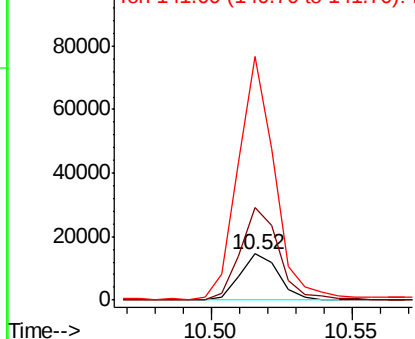


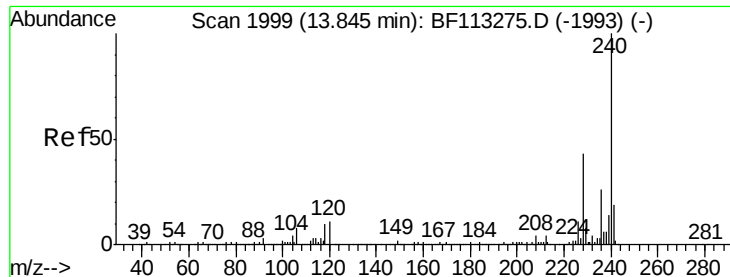
#67
4-Bromophenyl-phenylether
Concen: 2.355 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:248 Resp: 13689
Ion Ratio Lower Upper
248 100
250 199.5 78.3 117.5#
141 526.5 56.2 84.4#



Abundance Ion 248.00 (247.70 to 248.70): E
100000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

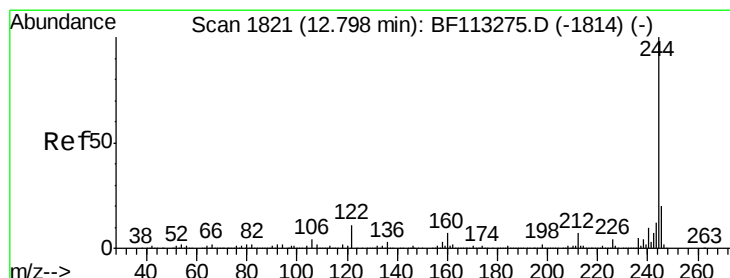
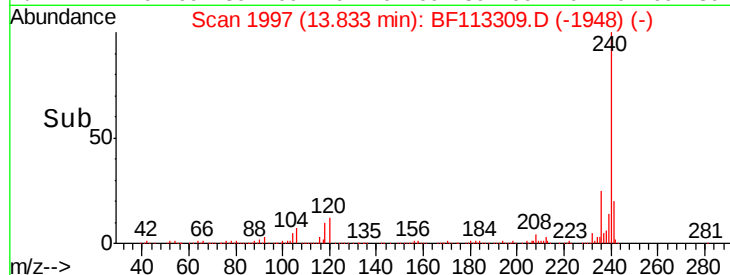
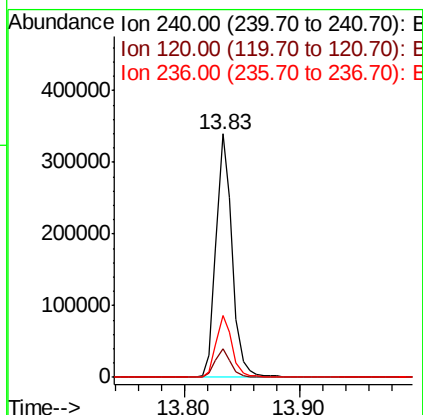
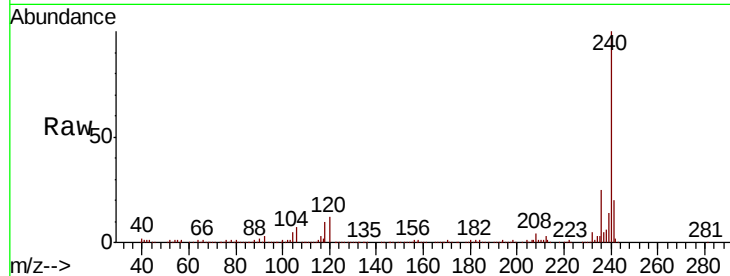




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

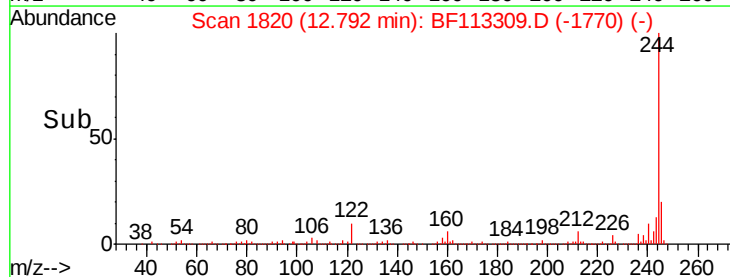
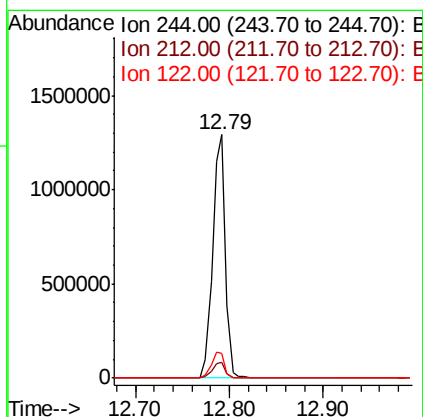
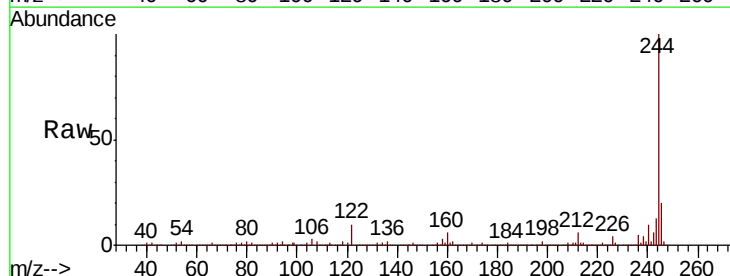
Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

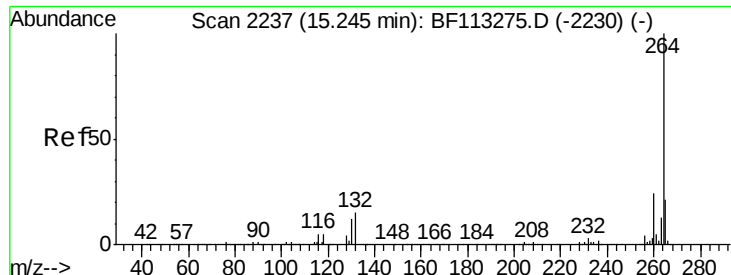
Tgt Ion:240 Resp: 329632
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 82.798 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:244 Resp: 1238240
Ion Ratio Lower Upper
244 100
212 6.4 5.5 8.3
122 10.0 8.6 13.0

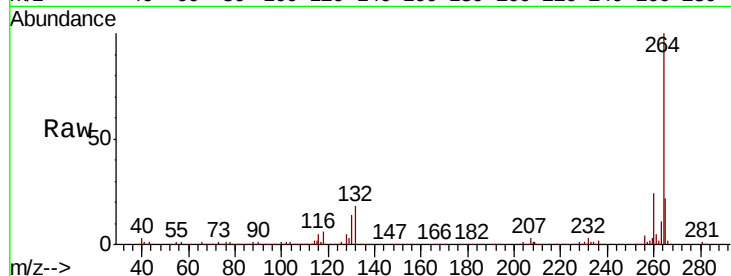




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:	264	Resp:	377022
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	22.4	17.1	25.7



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

