

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113311.D
 Acq On : 27 Mar 2019 00:49
 Operator : JU/SJ
 Sample : K2103-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05-SETTLED-3H-A

Quant Time: Mar 27 05:03:23 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

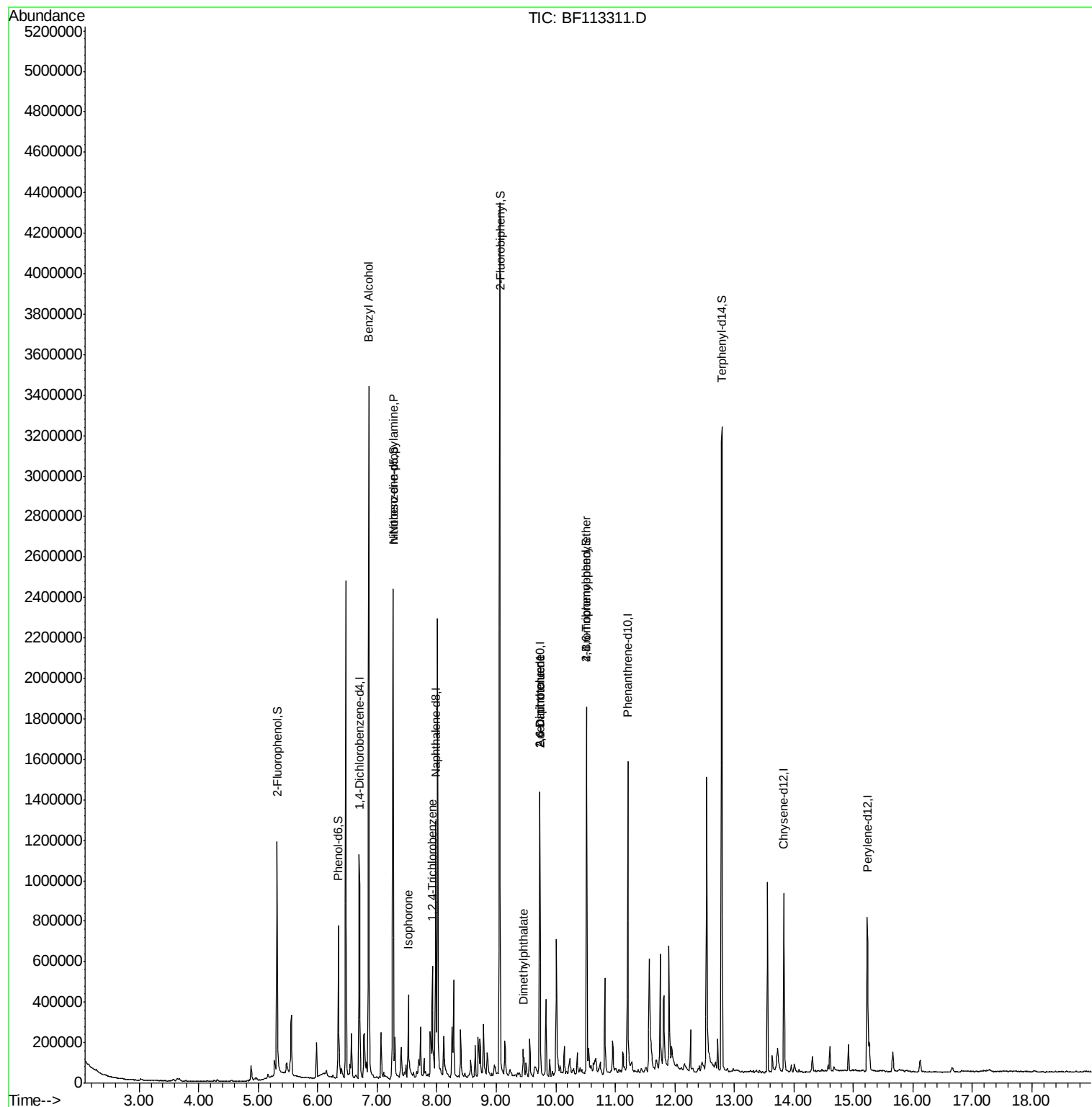
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173092	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	617155	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	284603	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	538313	20.00	ng	0.00
76) Chrysene-d12	13.83	240	312800	20.00	ng	-0.01
87) Perylene-d12	15.23	264	377058	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	366678	34.64	ng	0.00
7) Phenol-d6	6.35	99	297781	22.24	ng	-0.01
23) Nitrobenzene-d5	7.27	82	951114	91.47	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	249357	70.93	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1575065	87.20	ng	0.00
79) Terphenyl-d14	12.79	244	1222011	86.11	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.86	79	35066	3.969	ng	# 61
19) n-Nitroso-di-n-propylamine	7.26	70	124694	14.824	ng	# 77
20) 3+4-Methylphenols	7.13	107	6681	Below Cal		90
25) Isophorone	7.52	82	104001	5.161	ng	# 96
30) 1,2,4-Trichlorobenzene	7.93	180	32814	3.402	ng	96
50) Dimethylphthalate	9.45	163	42699	2.024	ng	99
51) 2,6-Dinitrotoluene	9.73	165	36015	7.569	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	36015	5.952	ng	# 24
67) 4-Bromophenyl-phenylether	10.52	248	13904	2.370	ng	# 1

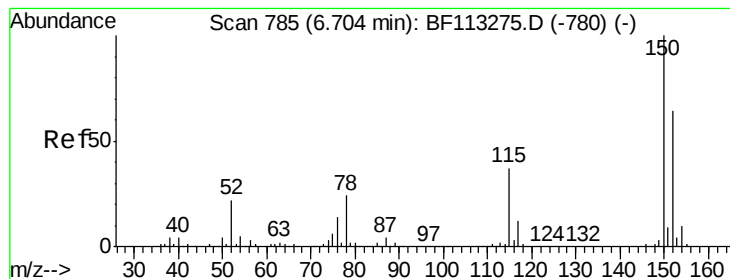
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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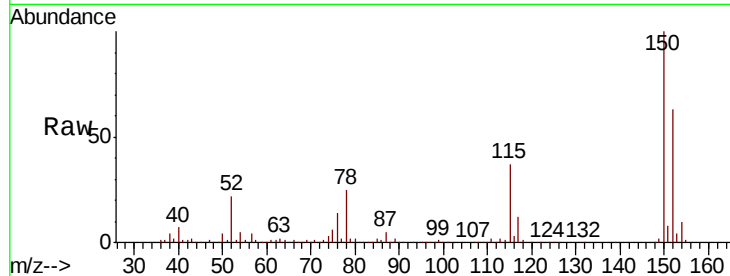


#1

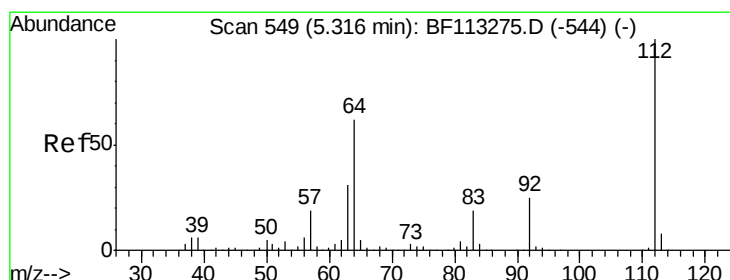
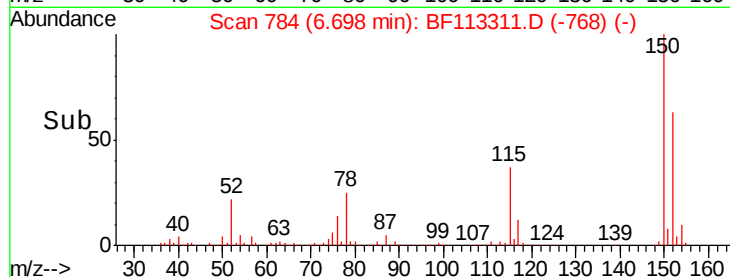
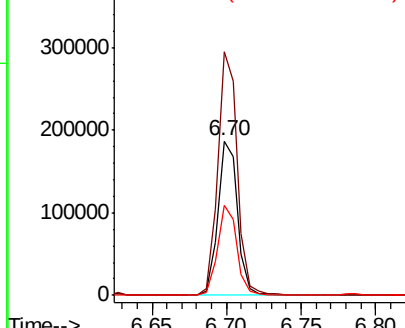
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113311.D
 Acq: 27 Mar 2019 00:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05-SETTLED-3H-A

Tgt Ion:152 Resp: 173092
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.7 187.1
 115 58.5 46.0 69.0



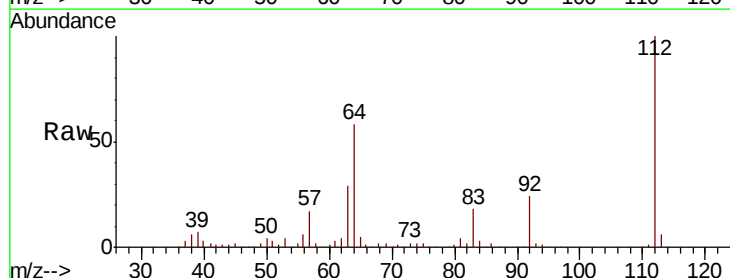
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



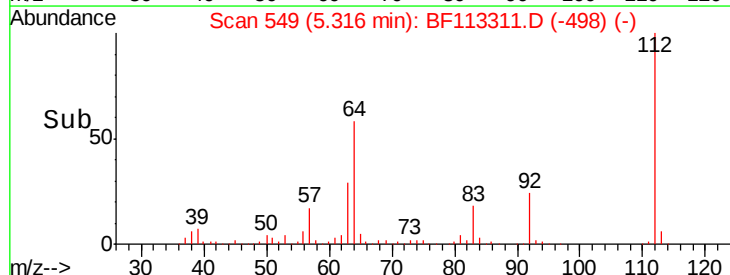
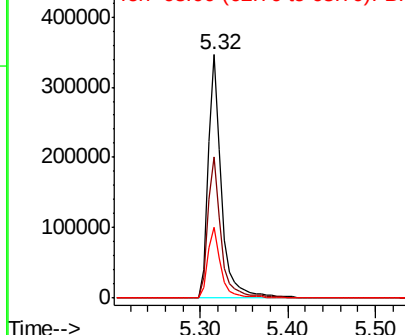
#5

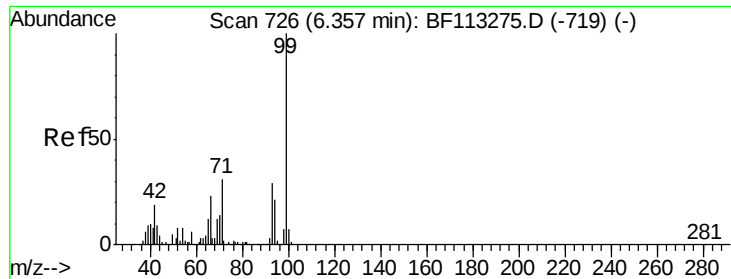
2-Fluorophenol
 Concen: 34.638 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF113311.D
 Acq: 27 Mar 2019 00:49

Tgt Ion:112 Resp: 366678
 Ion Ratio Lower Upper
 112 100
 64 58.2 49.2 73.8
 63 28.9 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: 22.236 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113311.D

Acq: 27 Mar 2019 00:49

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-3H-A

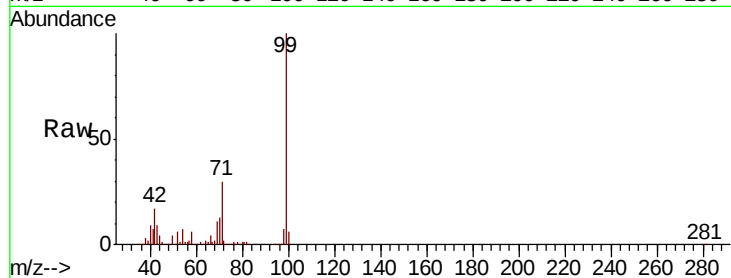
Tgt Ion: 99 Resp: 297781

Ion Ratio Lower Upper

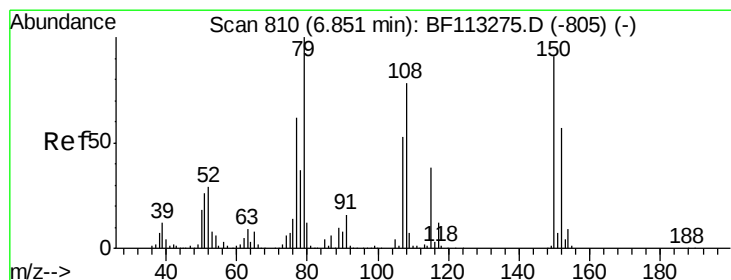
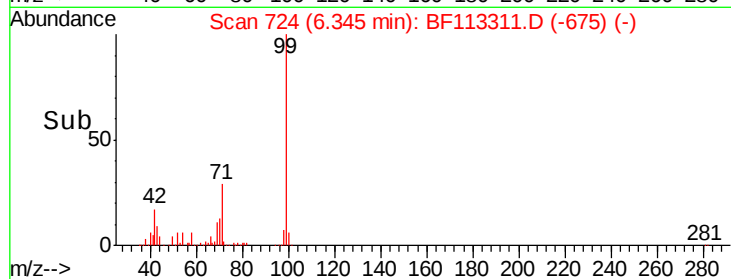
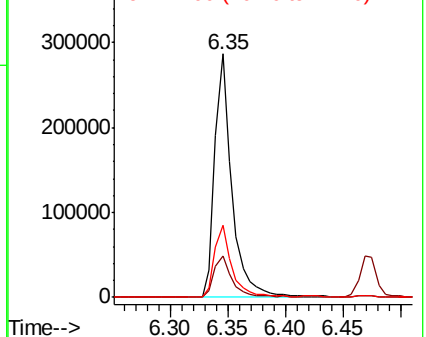
99 100

42 17.2 14.8 22.2

71 29.6 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: 3.969 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113311.D

Acq: 27 Mar 2019 00:49

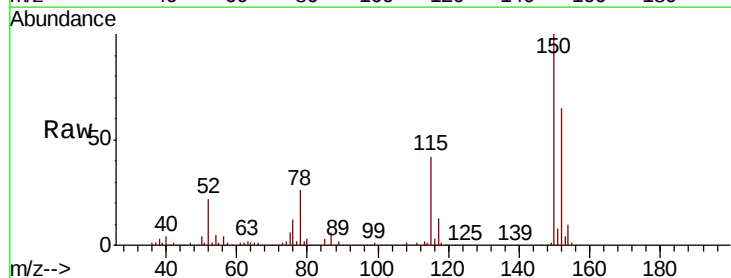
Tgt Ion: 79 Resp: 35066

Ion Ratio Lower Upper

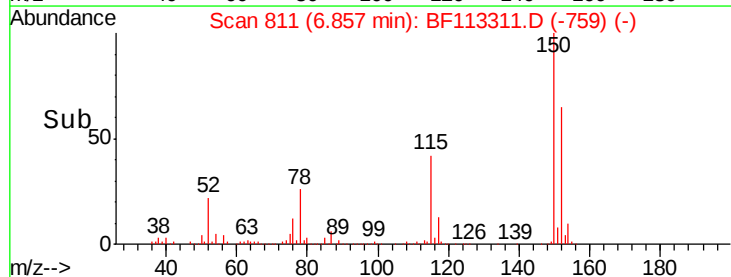
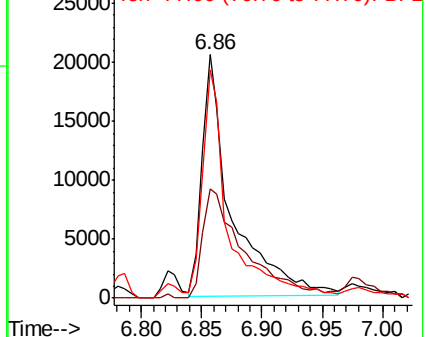
79 100

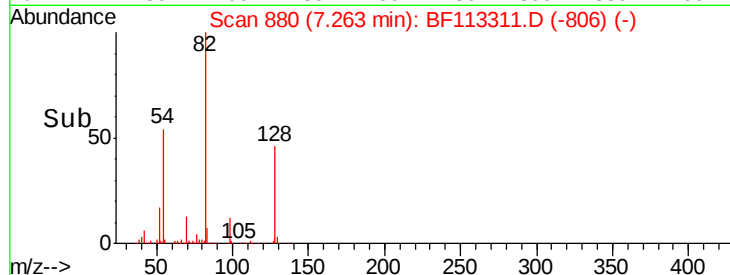
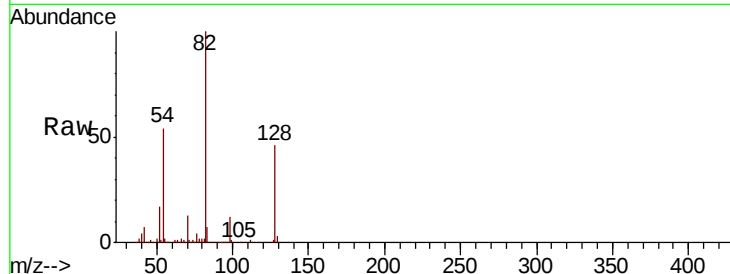
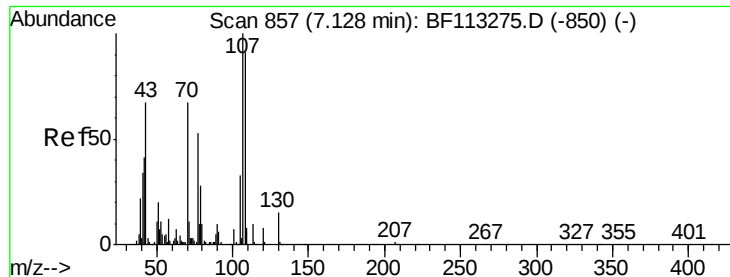
108 44.8 62.0 93.0#

77 93.7 49.9 74.9#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

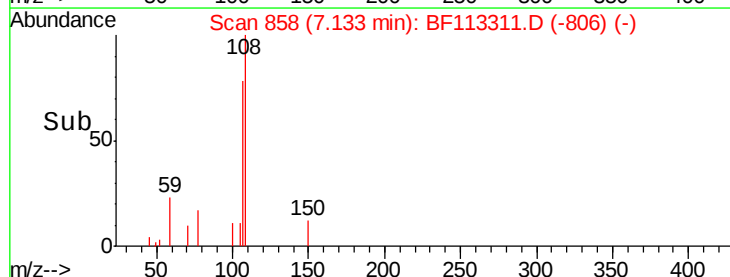
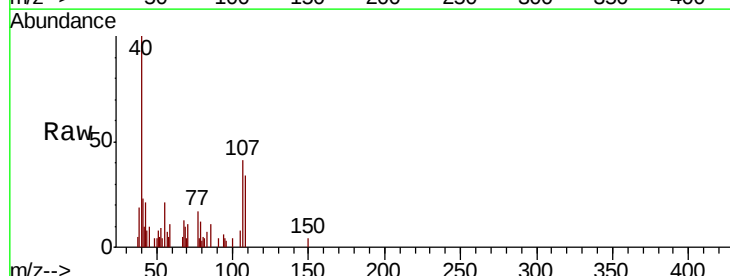
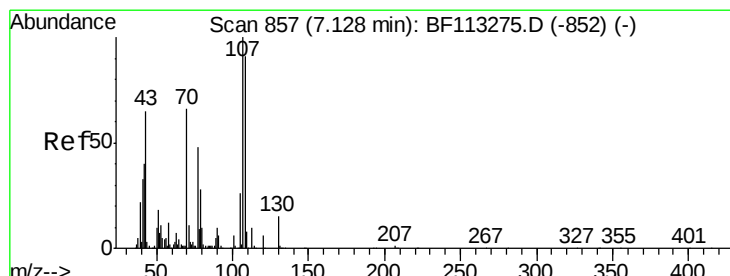
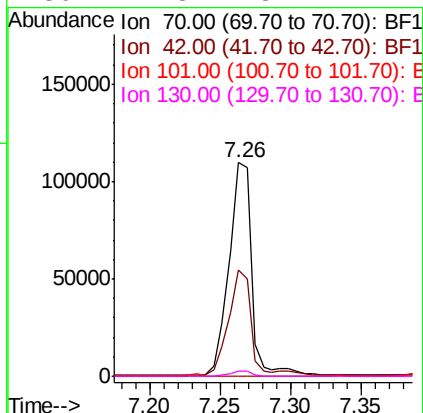




#19
n-Nitroso-di-n-propylamine
Concen: 14.824 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

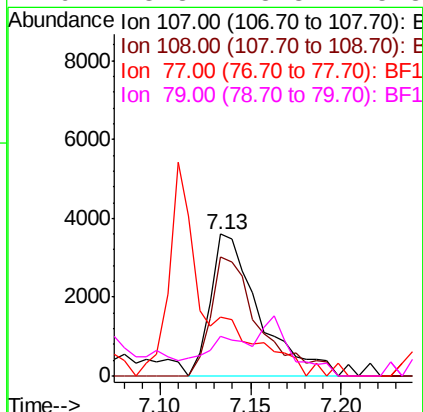
Instrument :
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MH-C05-SETTLED-3H-A

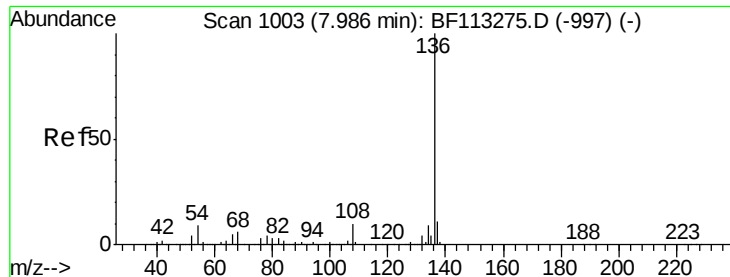
Tgt Ion: 70 Resp: 124694
Ion Ratio Lower Upper
70 100
42 49.6 48.4 72.6
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion: 107 Resp: 6681
Ion Ratio Lower Upper
107 100
108 83.5 71.4 111.4
77 41.4 33.5 73.5
79 28.3 8.3 48.3

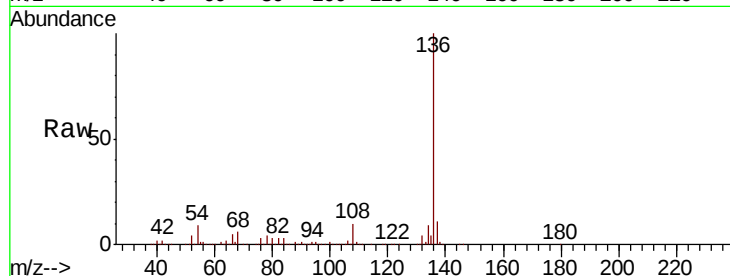




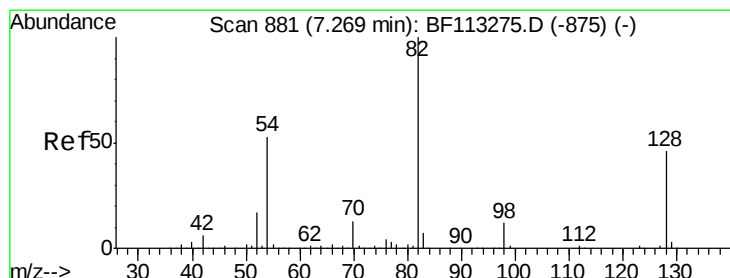
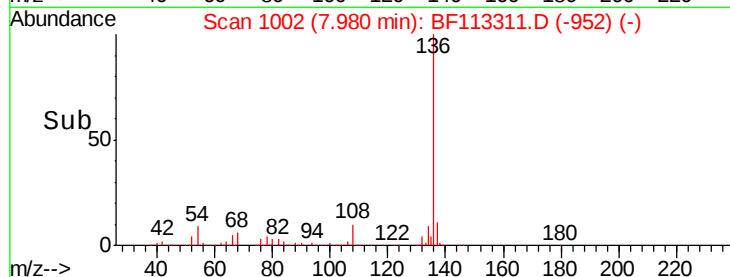
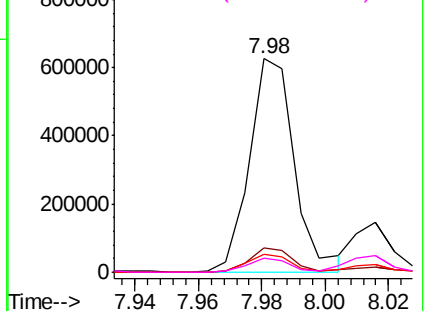
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:	136	Resp:	617155
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.0	10.6
68	6.5	4.8	7.2

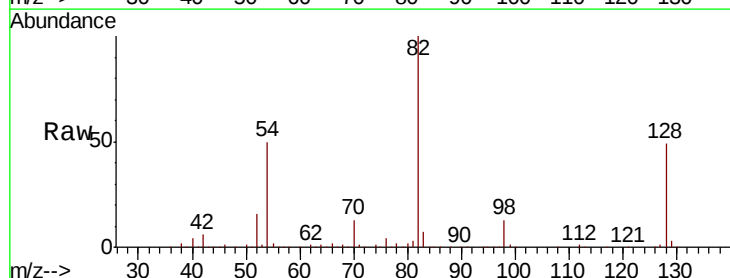


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

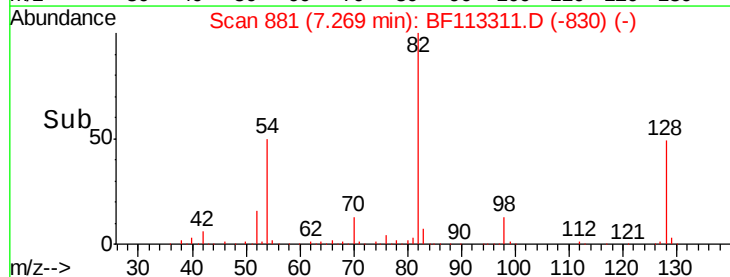
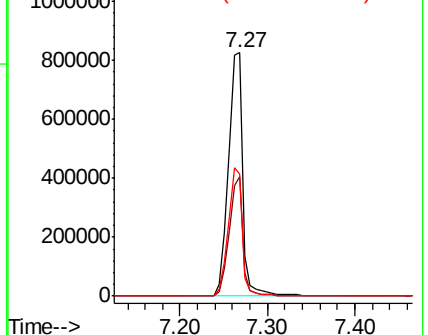


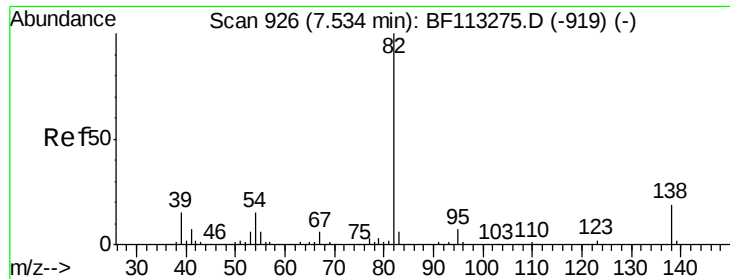
#23
Nitrobenzene-d5
Concen: 91.472 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:	82	Resp:	951114
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.5	54.7
54	50.3	42.2	63.2



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: 5.161 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF113311.D

Acq: 27 Mar 2019 00:49

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-3H-A

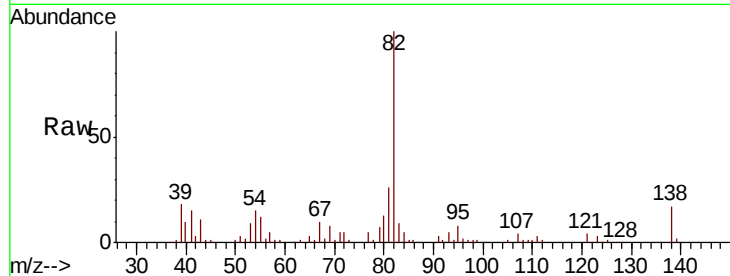
Tgt Ion: 82 Resp: 104001

Ion Ratio Lower Upper

82 100

95 8.4 5.5 8.3#

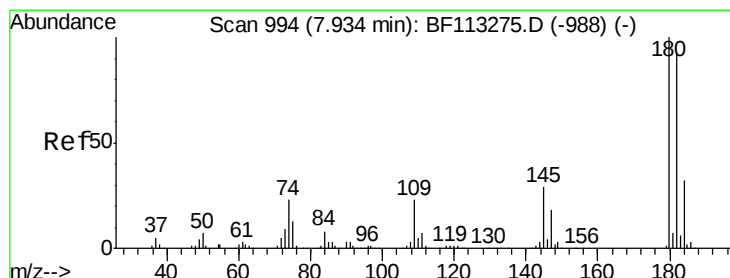
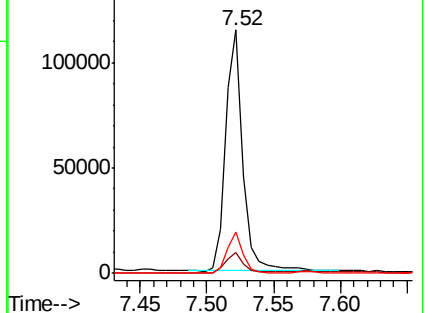
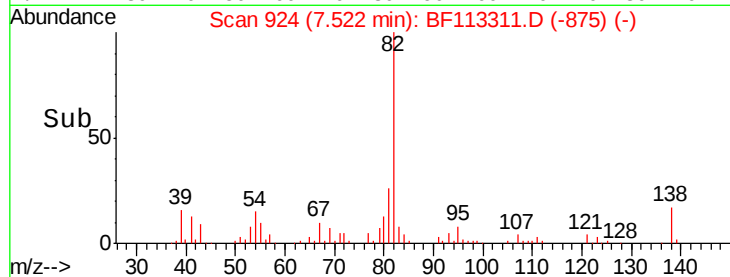
138 17.1 15.2 22.8



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



#30

1,2,4-Trichlorobenzene

Concen: 3.402 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF113311.D

Acq: 27 Mar 2019 00:49

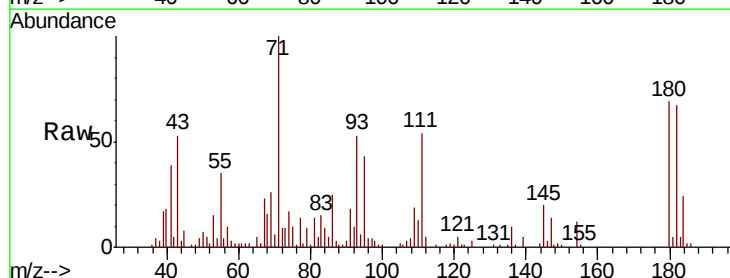
Tgt Ion: 180 Resp: 32814

Ion Ratio Lower Upper

180 100

182 97.9 74.6 111.8

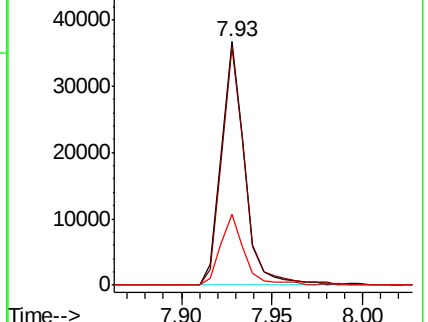
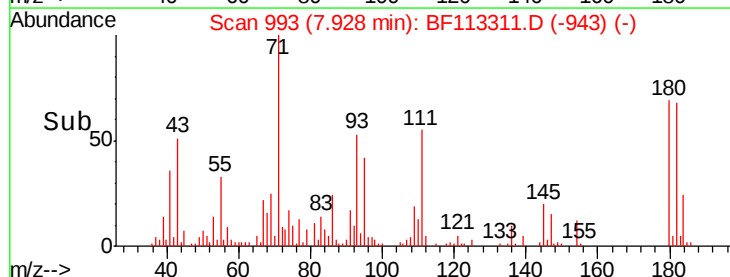
145 29.3 23.4 35.0

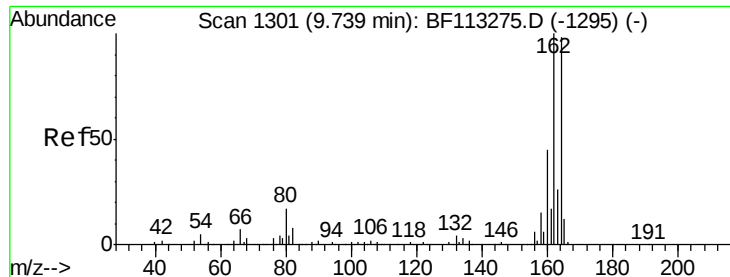


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

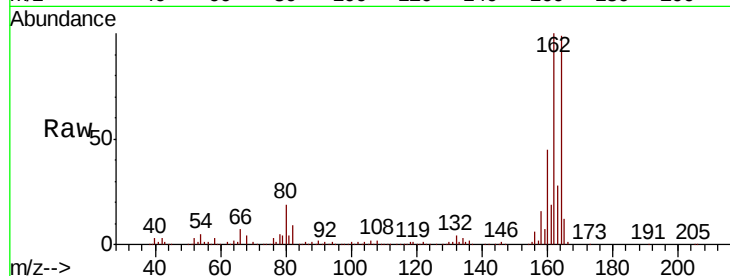




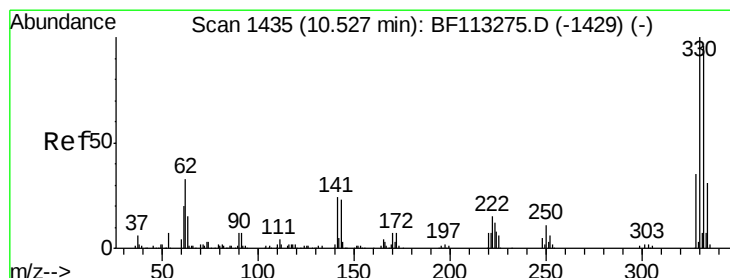
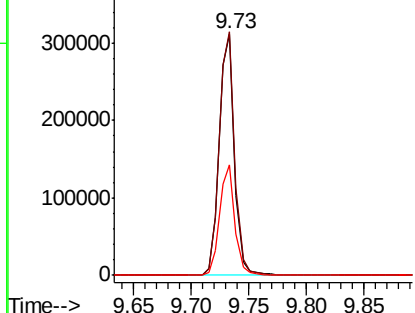
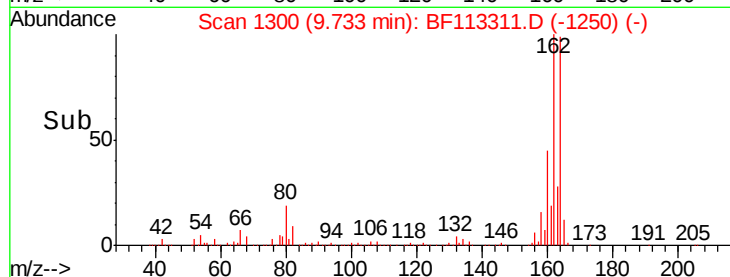
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113311.D
 Acq: 27 Mar 2019 00:49

Instrument :
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 MH-C05-SETTLED-3H-A

Tgt Ion:164 Resp: 284603
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.8 122.6
 160 45.7 36.4 54.6

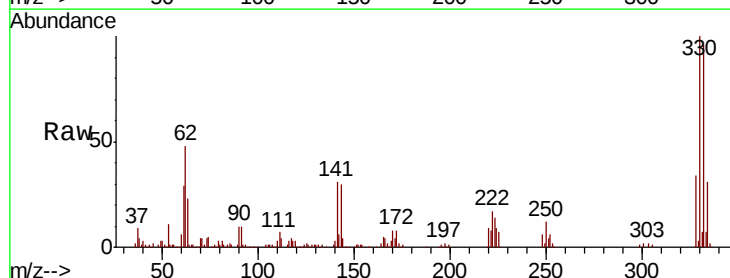


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

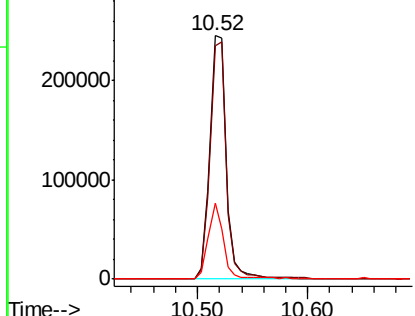
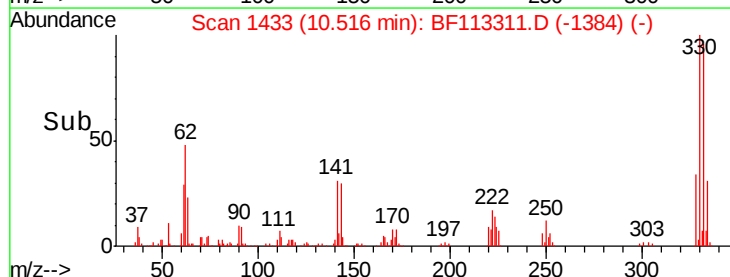


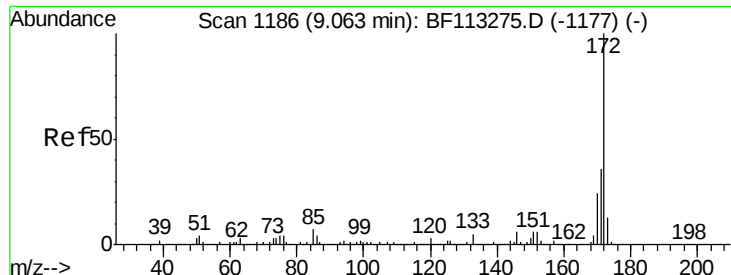
#42
 2,4,6-Tribromophenol
 Concen: 70.931 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF113311.D
 Acq: 27 Mar 2019 00:49

Tgt Ion:330 Resp: 249357
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 28.2 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

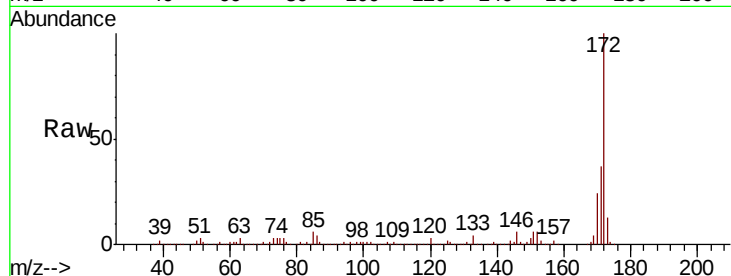




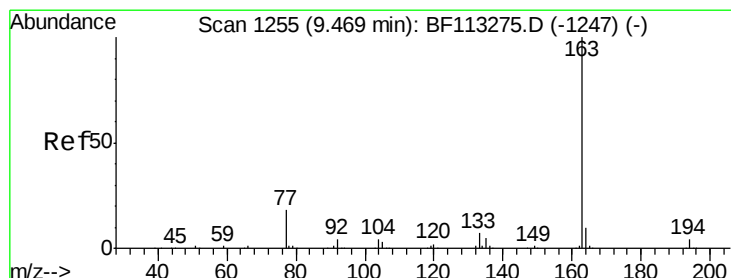
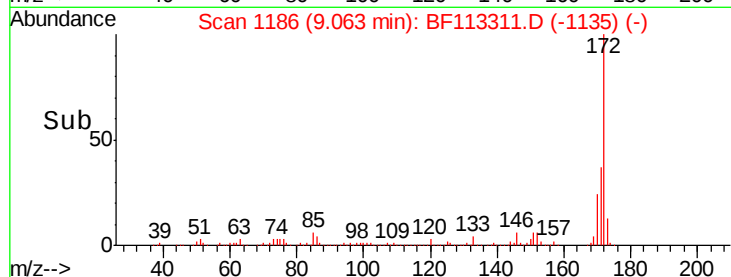
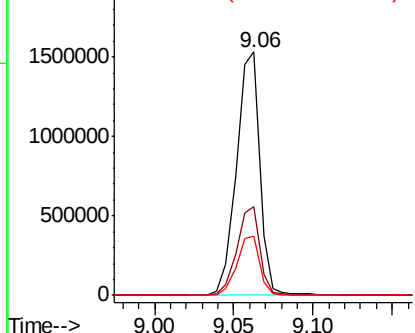
#45
2-Fluorobiphenyl
Concen: 87.198 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:172 Resp: 1575065
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.3 19.5 29.3

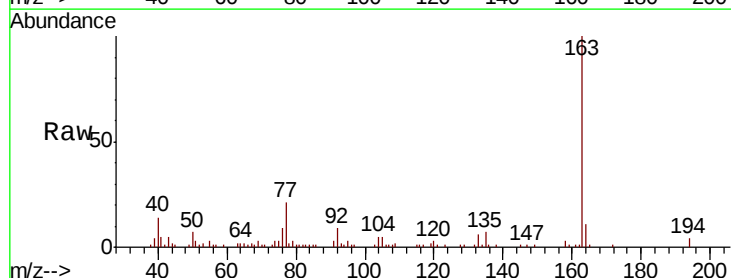


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

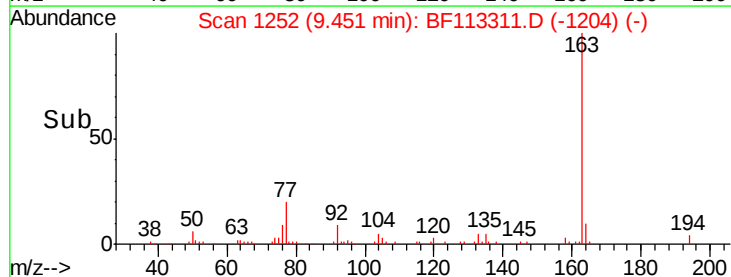
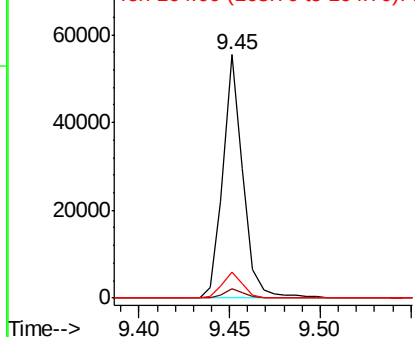


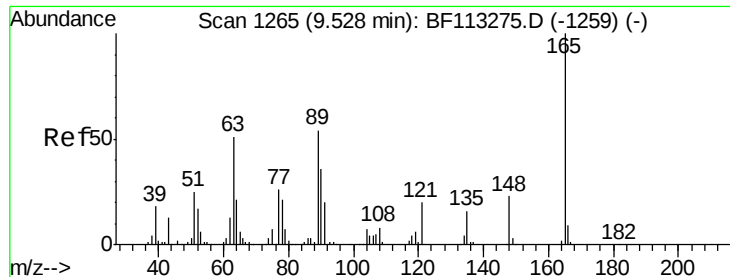
#50
Dimethylphthalate
Concen: 2.024 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:163 Resp: 42699
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.7 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: 7.569 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113311.D

Acq: 27 Mar 2019 00:49

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-3H-A

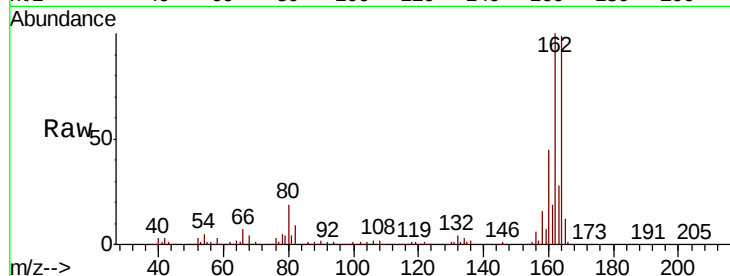
Tgt Ion:165 Resp: 36015

Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.0#

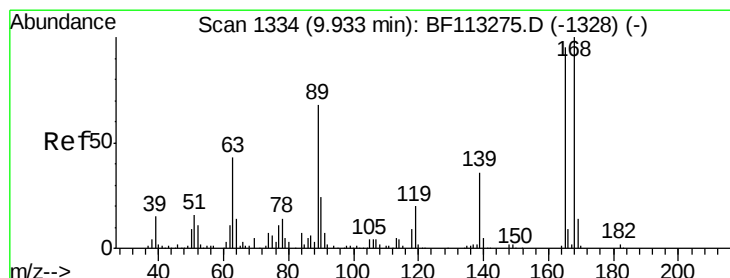
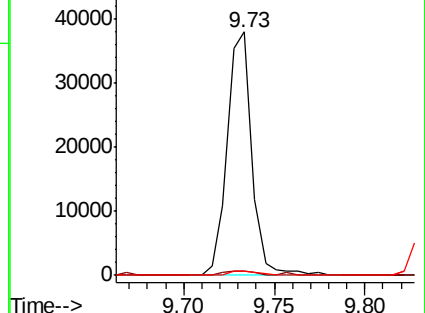
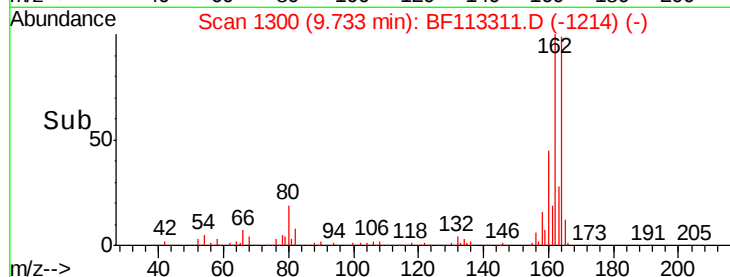
89 1.7 43.1 64.7#



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: 5.952 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113311.D

Acq: 27 Mar 2019 00:49

Tgt Ion:165 Resp: 36015

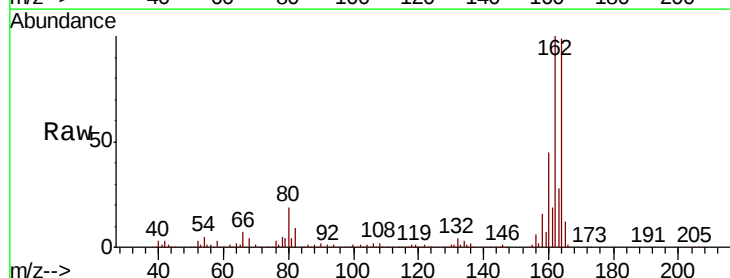
Ion Ratio Lower Upper

165 100

63 1.8 37.5 56.3#

89 1.7 57.4 86.2#

182 0.0 2.0 3.0#

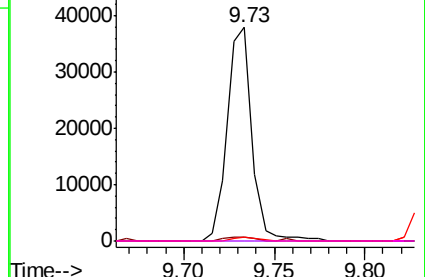
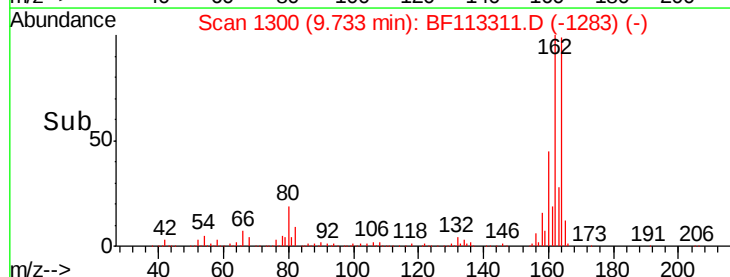


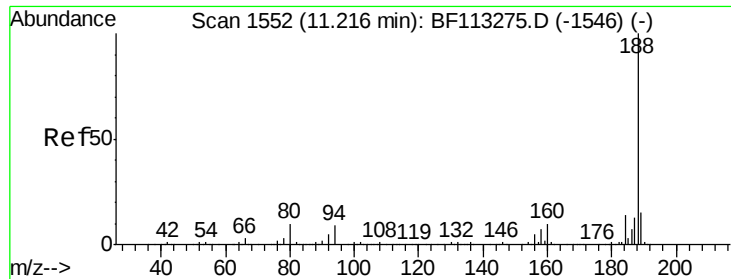
Abundance Ion 165.00 (164.70 to 165.70): E

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

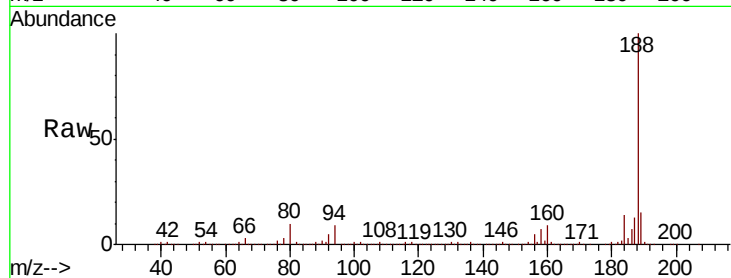




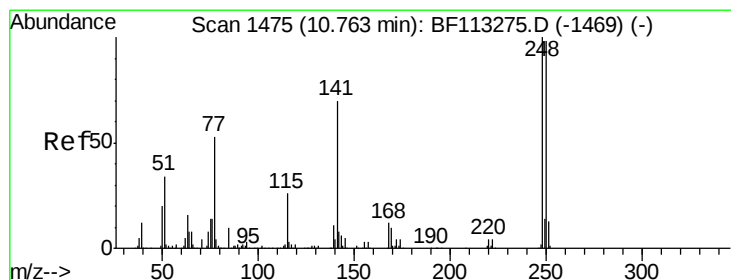
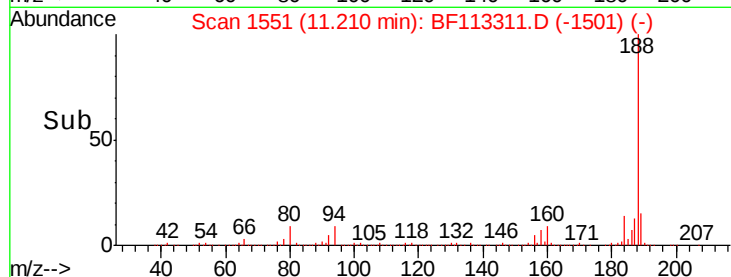
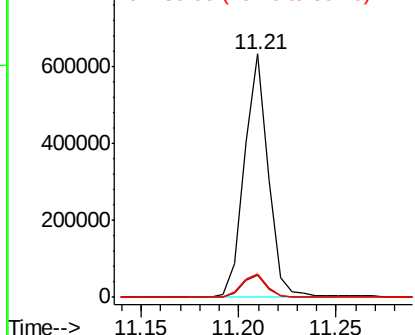
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113311.D
 Acq: 27 Mar 2019 00:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05-SETTLED-3H-A

Tgt Ion:188 Resp: 538313
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.0 10.6
 80 9.5 7.7 11.5

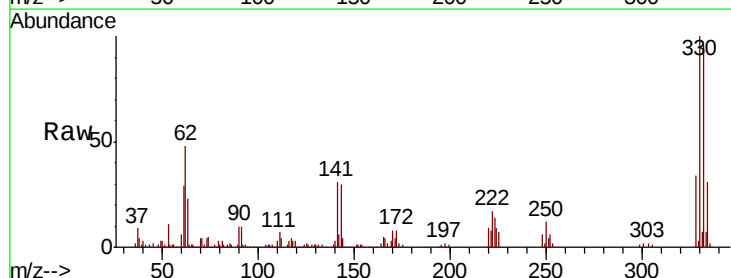


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

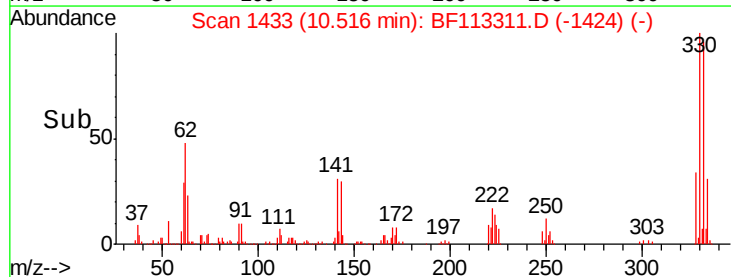
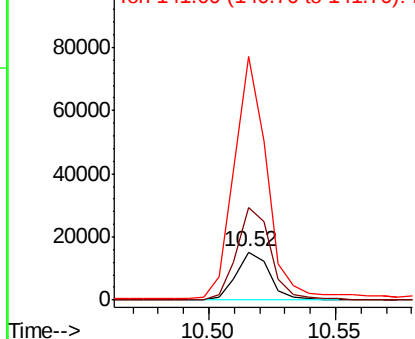


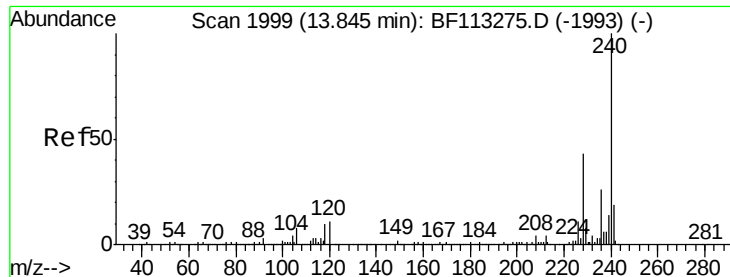
#67
 4-Bromophenyl-phenylether
 Concen: 2.370 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113311.D
 Acq: 27 Mar 2019 00:49

Tgt Ion:248 Resp: 13904
 Ion Ratio Lower Upper
 248 100
 250 193.7 78.3 117.5#
 141 506.2 56.2 84.4#



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

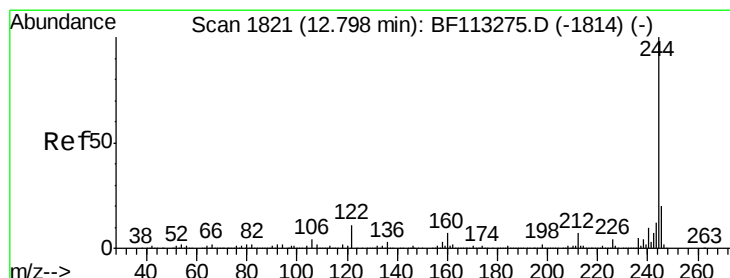
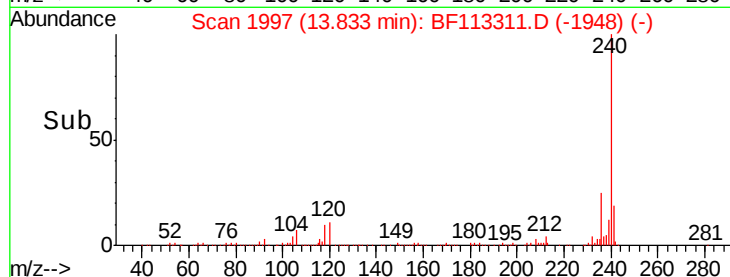
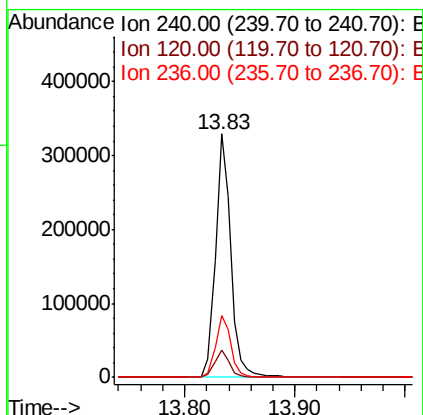
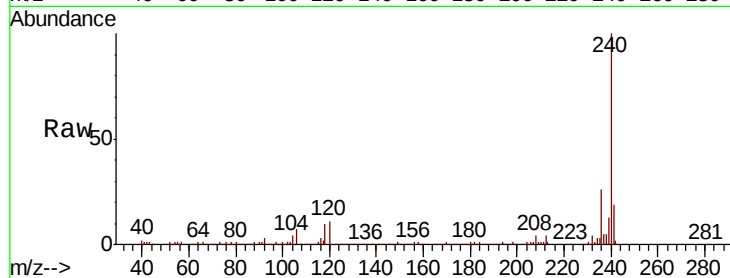




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

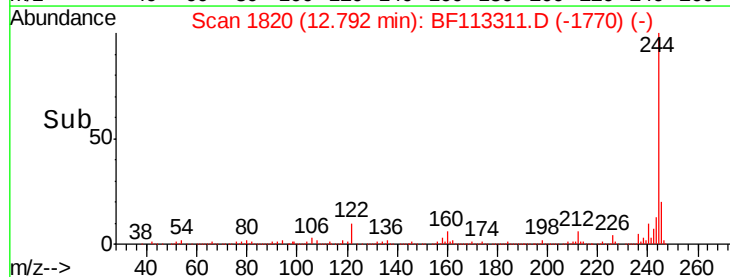
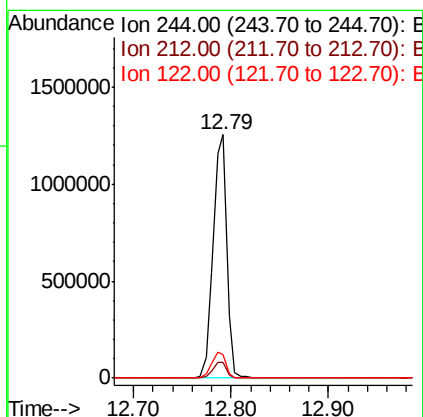
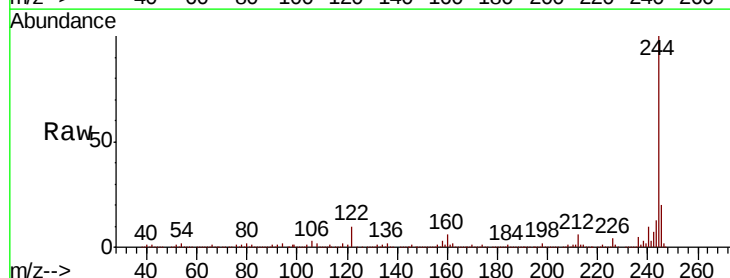
Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

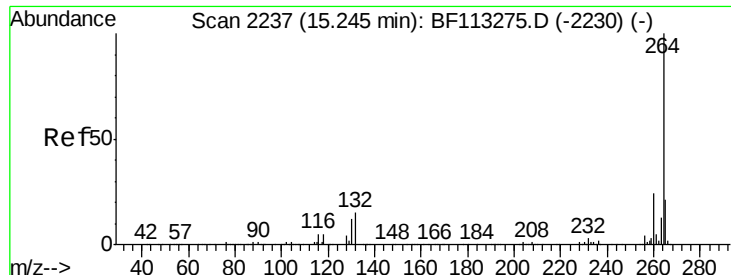
Tgt Ion:240 Resp: 312800
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 86.110 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:244 Resp: 1222011
Ion Ratio Lower Upper
244 100
212 6.4 5.5 8.3
122 9.6 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: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:	264	Resp:	377058
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.3	17.1	25.7

