

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113304.D
 Acq On : 26 Mar 2019 21:23
 Operator : JU/SJ
 Sample : K2099-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-1H-B

Quant Time: Mar 27 05:01:50 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	165051	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	643968	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	312835	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	575392	20.00	ng	0.00
76) Chrysene-d12	13.83	240	351803	20.00	ng	-0.01
87) Perylene-d12	15.23	264	423407	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	404941	40.12	ng	0.00
7) Phenol-d6	6.35	99	341592	26.75	ng	-0.01
23) Nitrobenzene-d5	7.27	82	973810	89.76	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	244794	63.35	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1741217	87.82	ng	0.00
79) Terphenyl-d14	12.79	244	1346425	84.36	ng	0.00

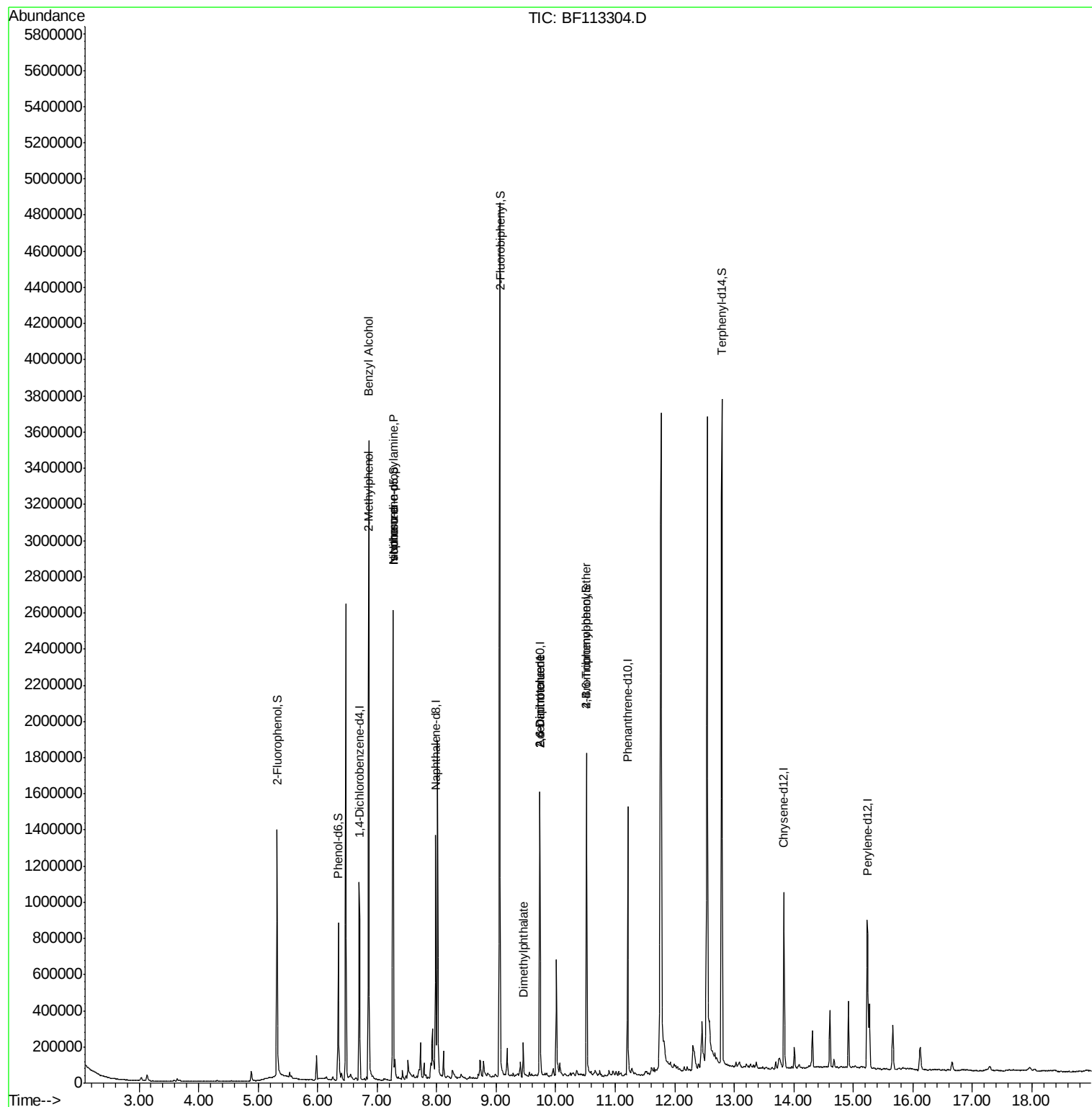
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.86	79	49654	5.894	ng	# 63
17) 2-Methylphenol	6.87	107	20469	2.228	ng	# 7
19) n-Nitroso-di-n-propylamine	7.27	70	128135	15.975	ng	# 75
20) 3+4-Methylphenols	7.14	107	3754	Below Cal		85
25) Isophorone	7.27	82	957033	45.516	ng	# 64
50) Dimethylphthalate	9.45	163	66170	2.854	ng	98
51) 2,6-Dinitrotoluene	9.73	165	40164	7.679	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	40164	6.039	ng	# 24
67) 4-Bromophenyl-phenylether	10.52	248	13625	2.173	ng	# 1

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

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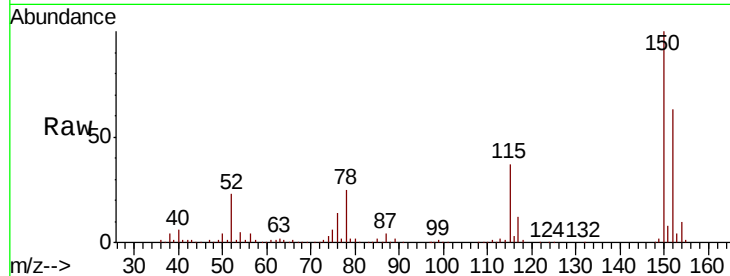




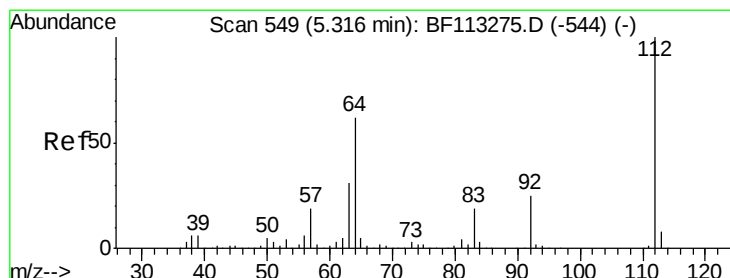
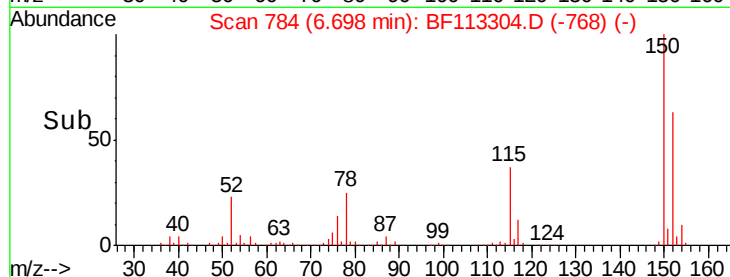
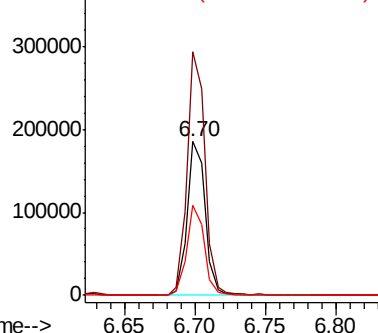
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113304.D
 Acq: 26 Mar 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-1H-B

Tgt Ion:152 Resp: 165051
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.7 187.1
 115 58.9 46.0 69.0

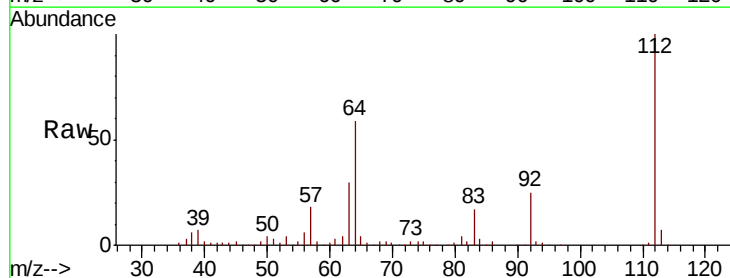


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

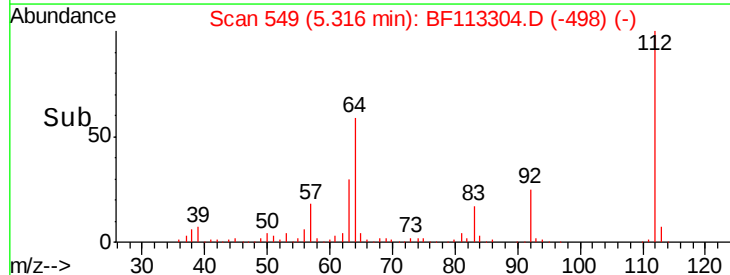
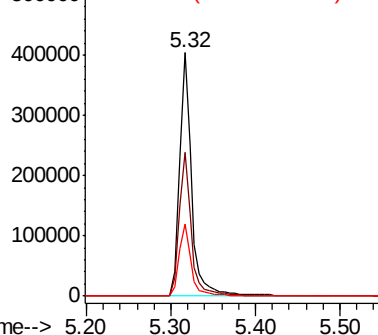


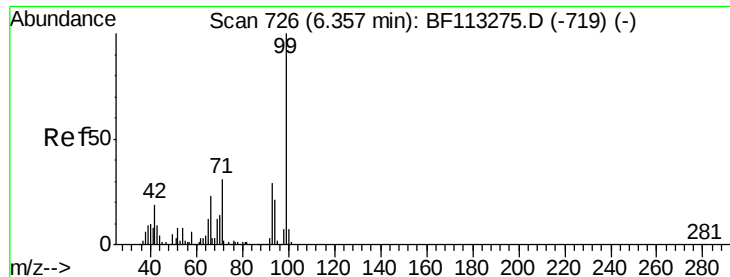
#5
 2-Fluorophenol
 Concen: 40.117 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113304.D
 Acq: 26 Mar 2019 21:23

Tgt Ion:112 Resp: 404941
 Ion Ratio Lower Upper
 112 100
 64 58.9 49.2 73.8
 63 29.8 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: 26.750 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113304.D

Acq: 26 Mar 2019 21:23

Instrument :

BNA_F

ClientSampleId :

MH-C02-SETTLED-1H-B

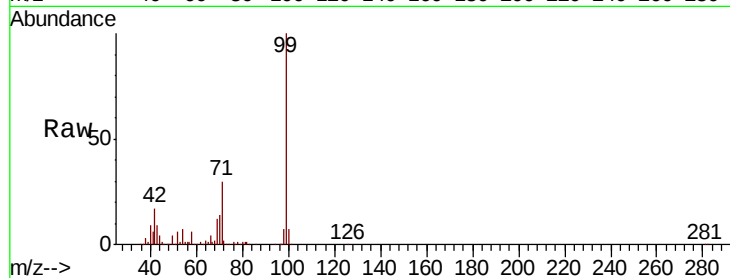
Tgt Ion: 99 Resp: 341592

Ion Ratio Lower Upper

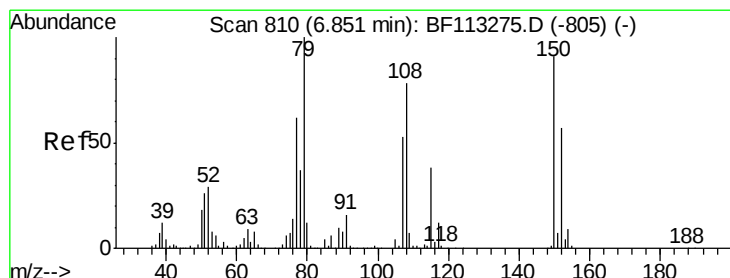
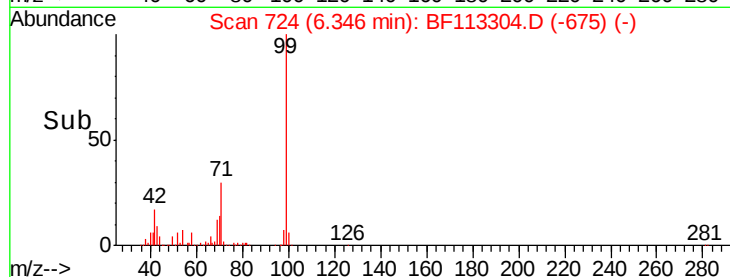
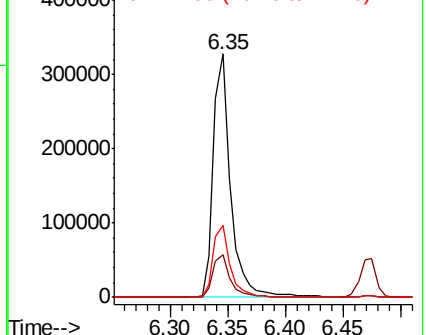
99 100

42 17.5 14.8 22.2

71 29.8 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: 5.894 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113304.D

Acq: 26 Mar 2019 21:23

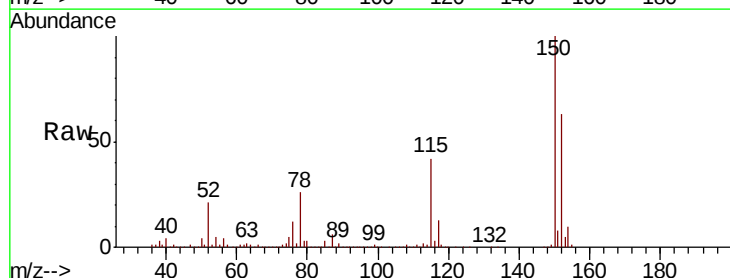
Tgt Ion: 79 Resp: 49654

Ion Ratio Lower Upper

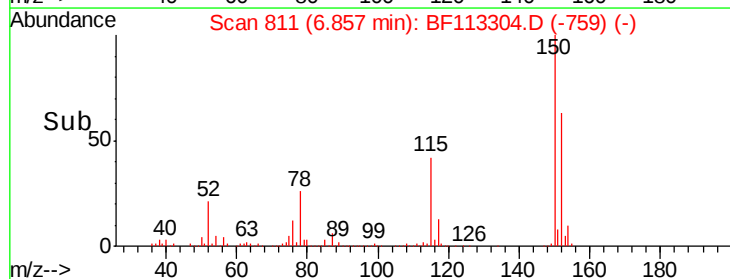
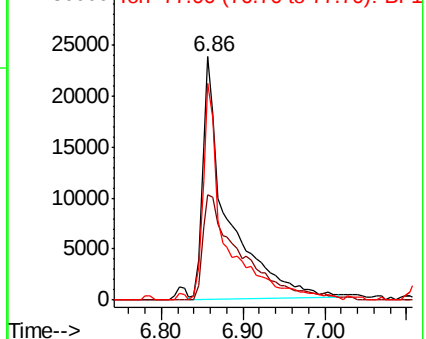
79 100

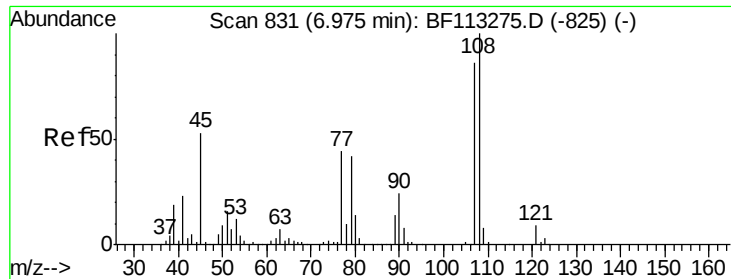
108 43.3 62.0 93.0#

77 89.2 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

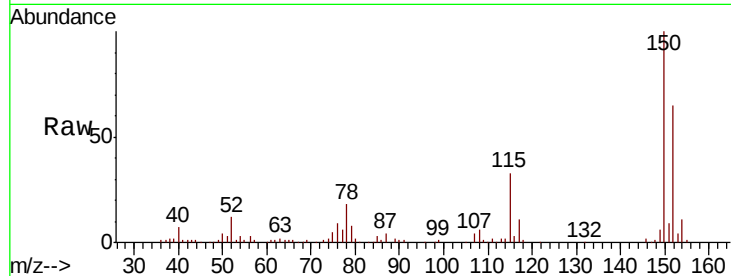




#17
2-Methylphenol
Concen: 2.228 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.11 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion:	107	Resp:	20469
Ion	Ratio	Lower	Upper
107	100		
108	142.6	93.4	140.0#
77	150.7	41.2	61.8#
79	190.6	40.1	60.1#



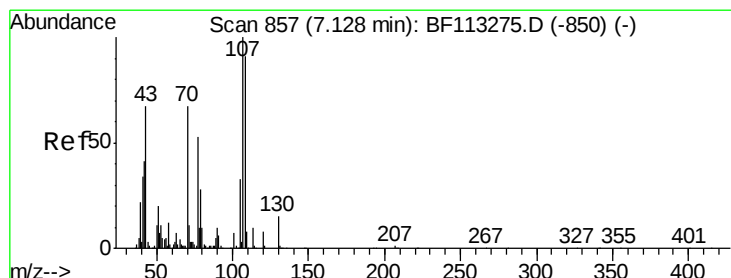
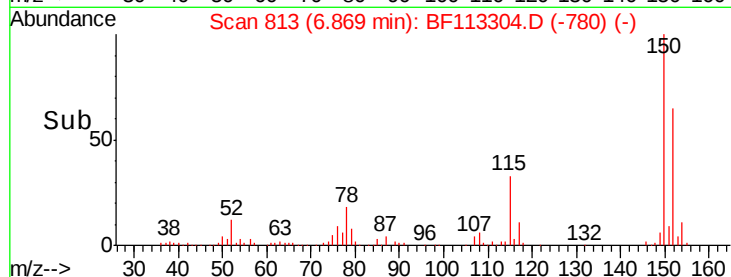
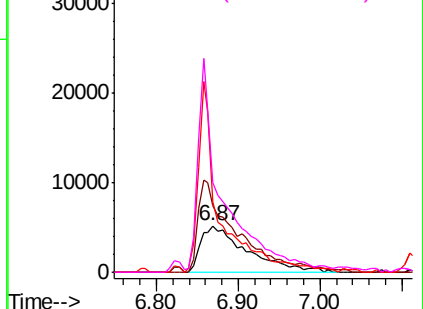
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

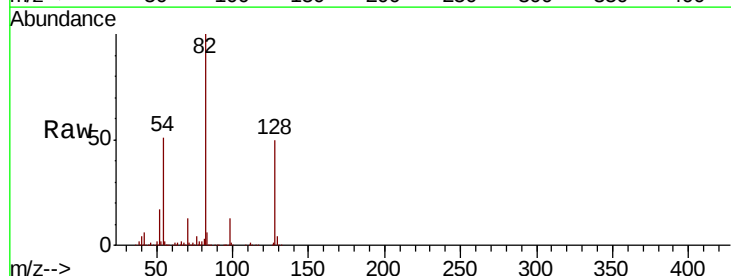
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19
n-Nitroso-di-n-propylamine
Concen: 15.975 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:	70	Resp:	128135
Ion	Ratio	Lower	Upper
70	100		
42	46.4	48.4	72.6#
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#



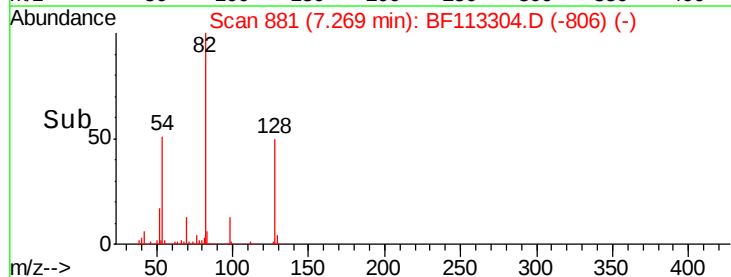
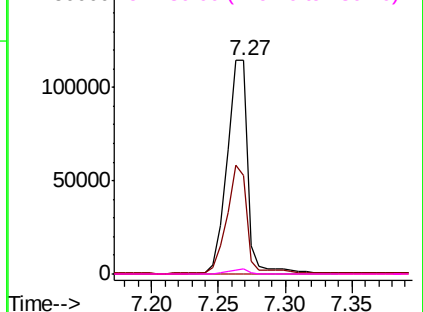
Abundance

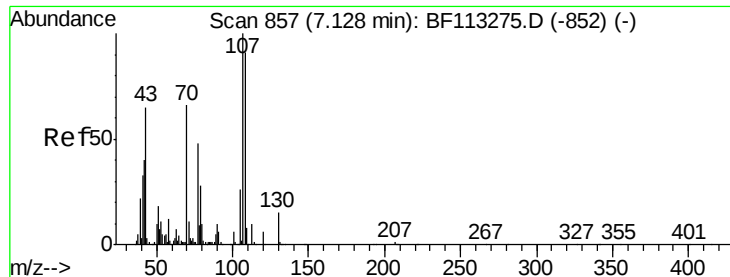
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

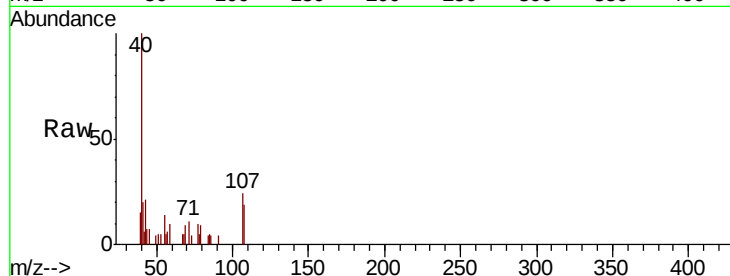




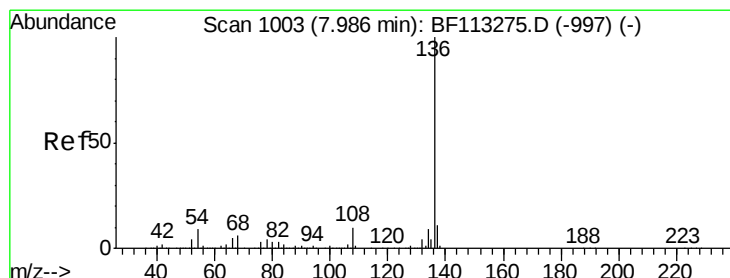
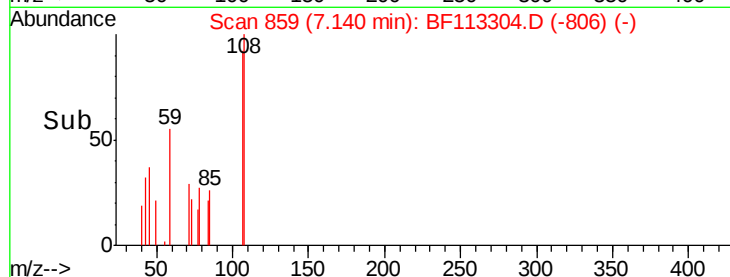
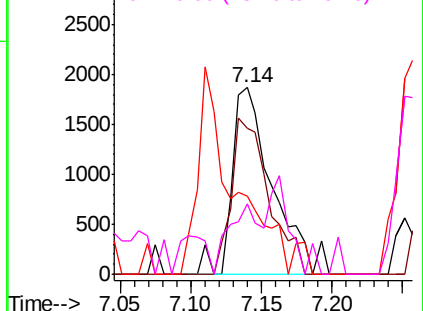
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion:	107	Resp:	3754
Ion	Ratio	Lower	Upper
107	100		
108	78.0	71.4	111.4
77	41.8	33.5	73.5
79	37.5	8.3	48.3

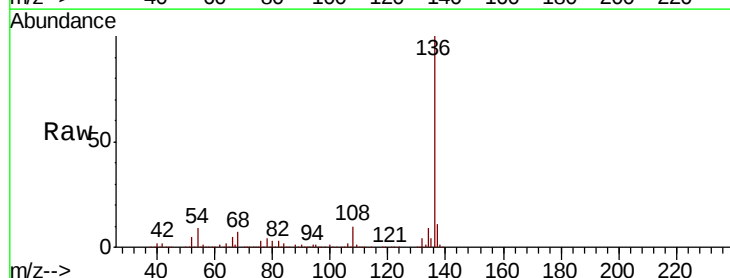


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

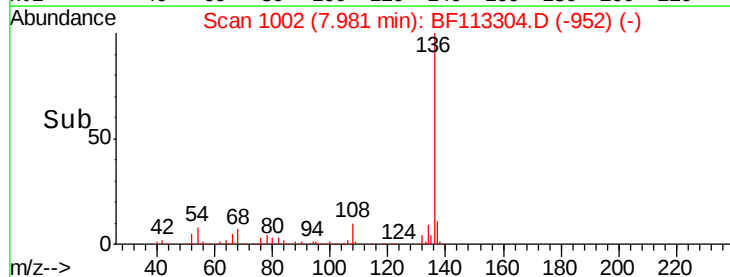
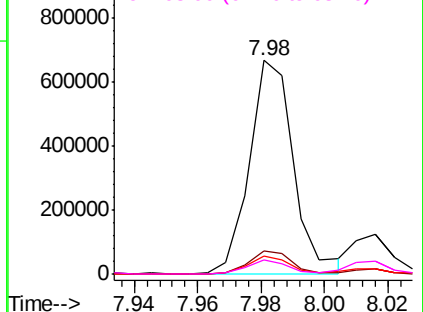


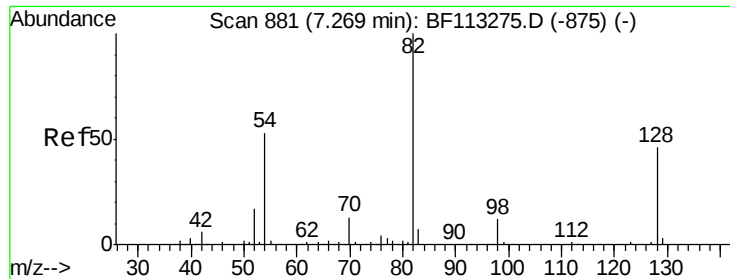
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:	136	Resp:	643968
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	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

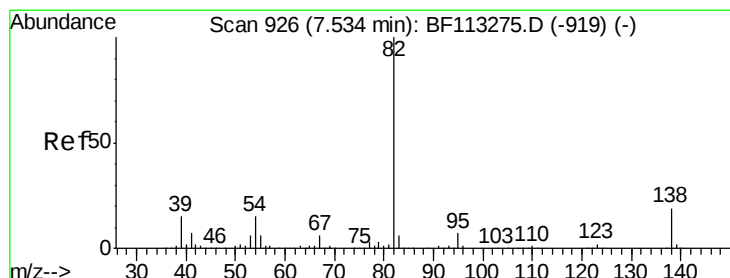
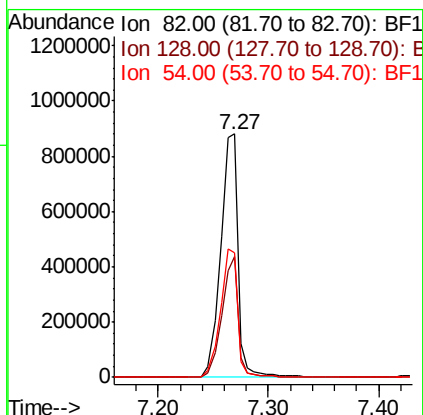
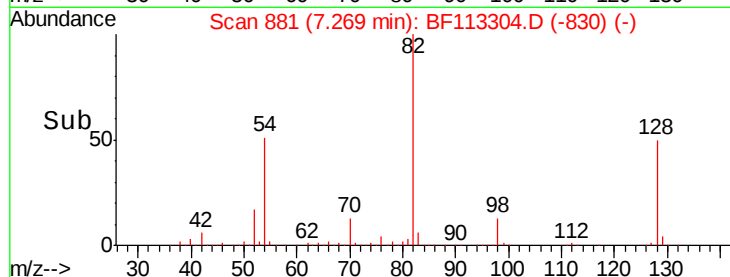
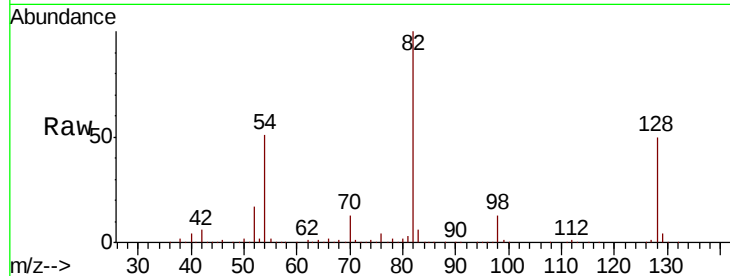




#23
 Nitrobenzene-d5
 Concen: 89.755 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113304.D
 Acq: 26 Mar 2019 21:23

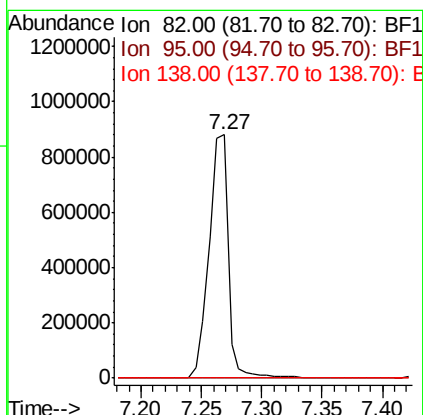
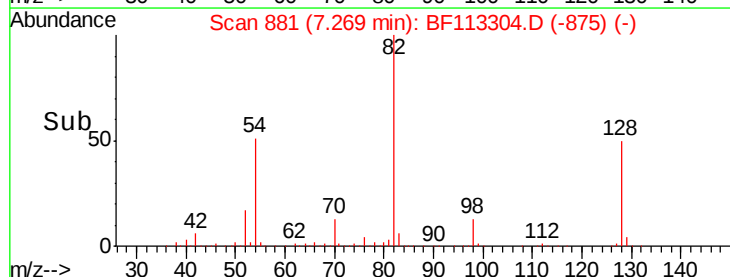
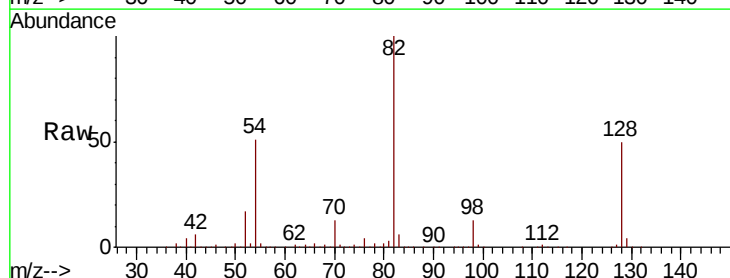
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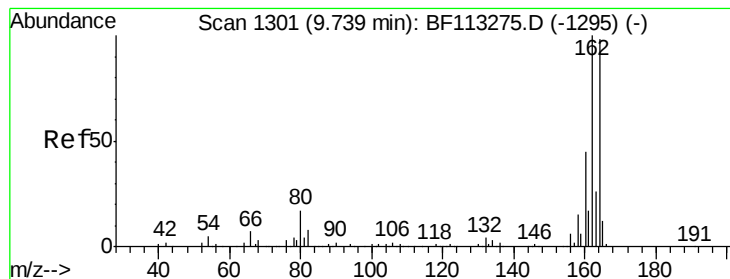
Tgt Ion: 82 Resp: 973810
 Ion Ratio Lower Upper
 82 100
 128 49.5 36.5 54.7
 54 51.1 42.2 63.2



#25
 Isophorone
 Concen: 45.516 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.26 min
 Lab File: BF113304.D
 Acq: 26 Mar 2019 21:23

Tgt Ion: 82 Resp: 957033
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 15.2 22.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113304.D

Acq: 26 Mar 2019 21:23

Instrument :

BNA_F

ClientSampleId :

MH-C02-SETTLED-1H-B

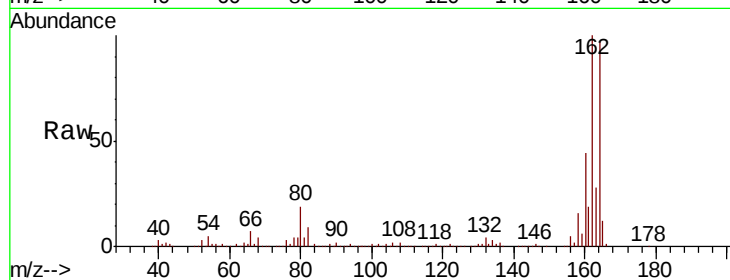
Tgt Ion:164 Resp: 312835

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

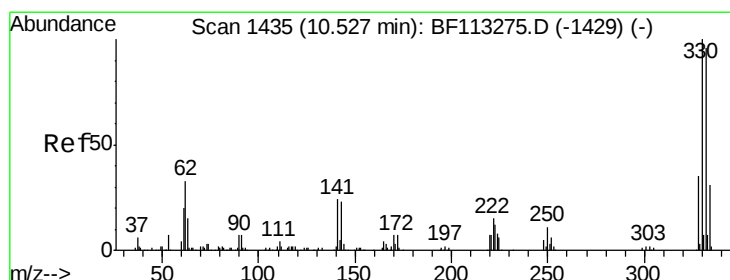
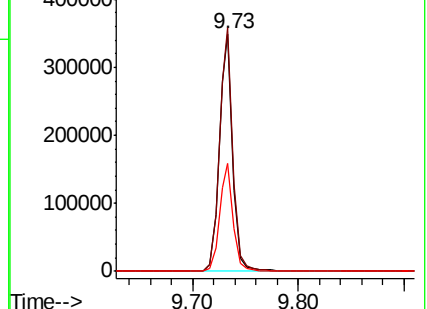
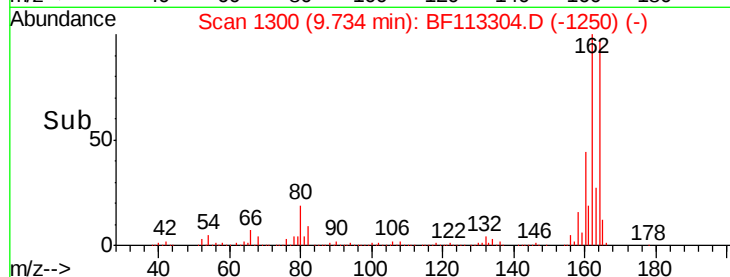
160 45.6 36.4 54.6



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: 63.349 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF113304.D

Acq: 26 Mar 2019 21:23

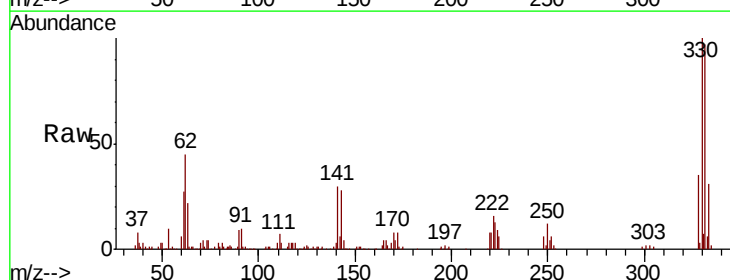
Tgt Ion:330 Resp: 244794

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.6

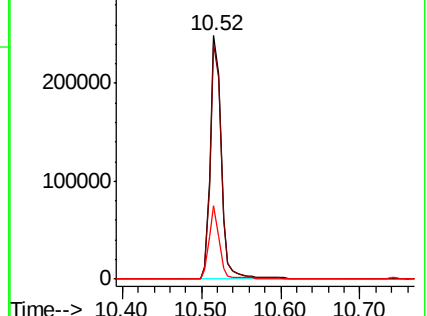
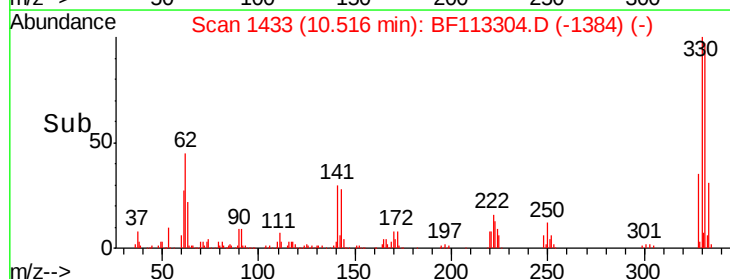
141 28.4 22.7 34.1

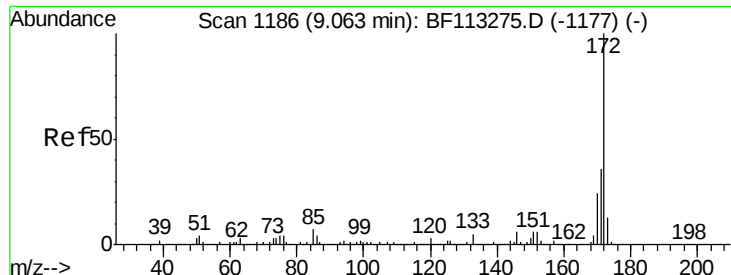


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

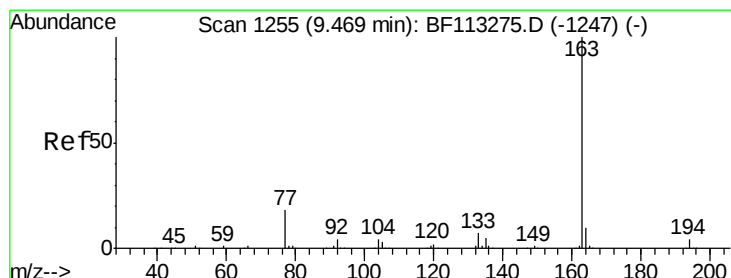
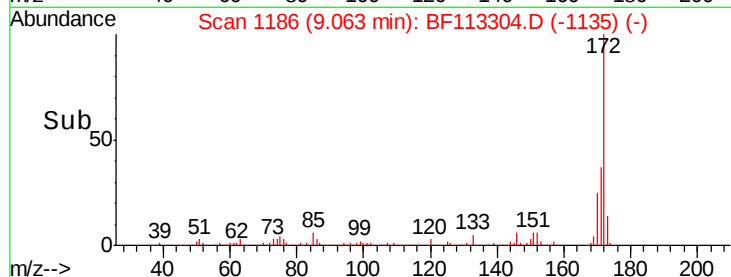
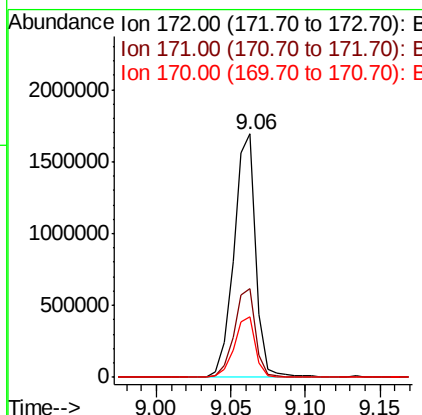
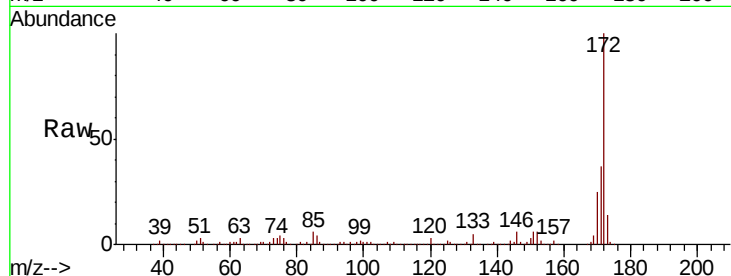




#45
2-Fluorobiphenyl
Concen: 87.824 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

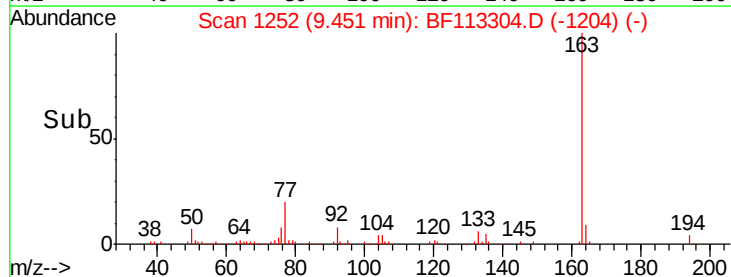
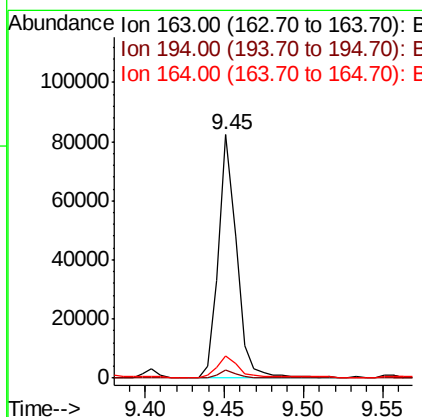
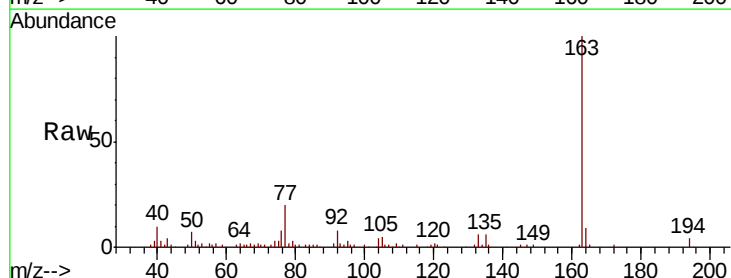
Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

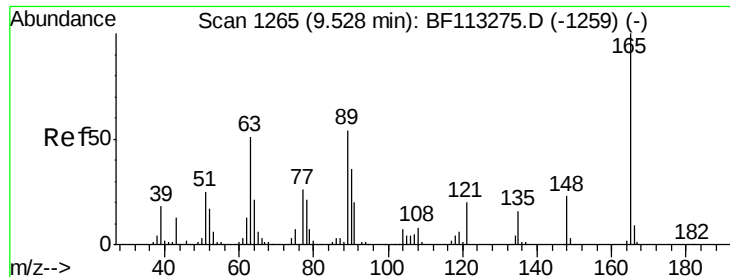
Tgt Ion:172 Resp: 1741217
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 25.0 19.5 29.3



#50
Dimethylphthalate
Concen: 2.854 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:163 Resp: 66170
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 7.679 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113304.D

Acq: 26 Mar 2019 21:23

Instrument :

BNA_F

ClientSampleId :

MH-C02-SETTLED-1H-B

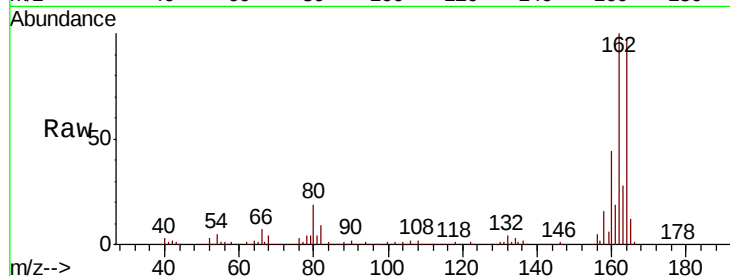
Tgt Ion:165 Resp: 40164

Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

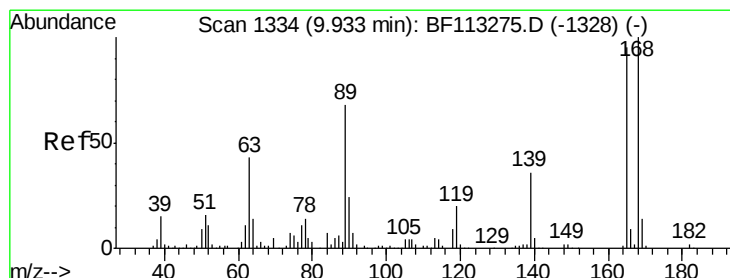
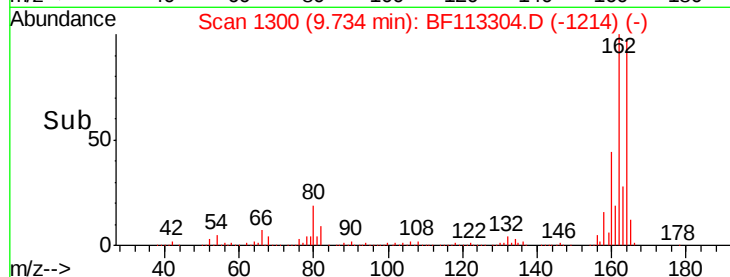
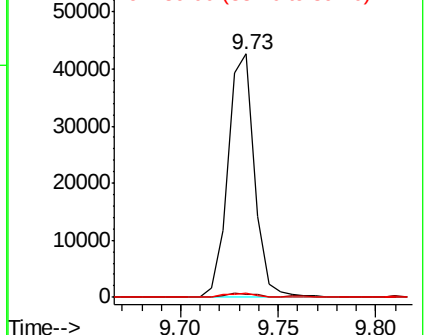
89 1.7 43.1 64.7#



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: 6.039 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113304.D

Acq: 26 Mar 2019 21:23

Tgt Ion:165 Resp: 40164

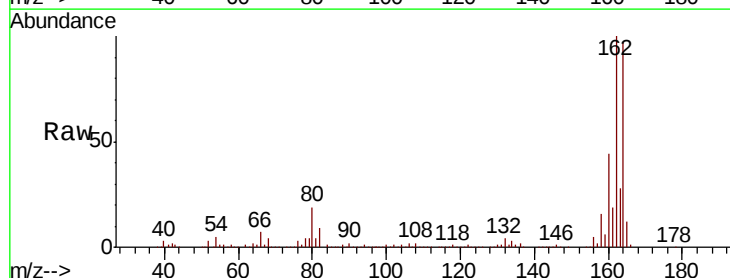
Ion Ratio Lower Upper

165 100

63 1.5 37.5 56.3#

89 1.7 57.4 86.2#

182 0.0 2.0 3.0#

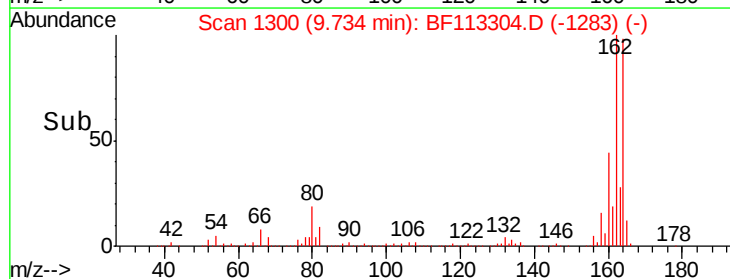
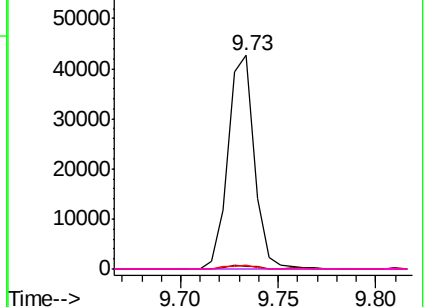


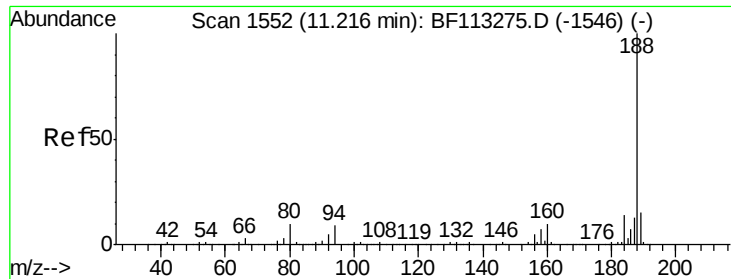
Abundance Ion 165.00 (164.70 to 165.70): E

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

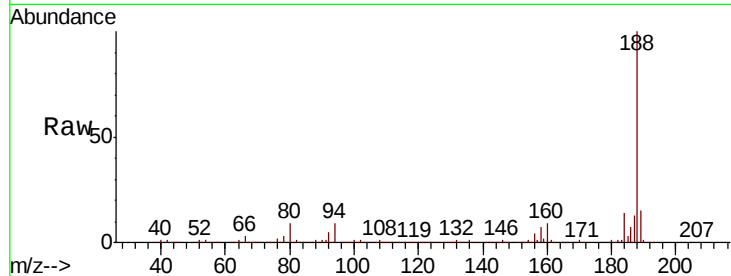




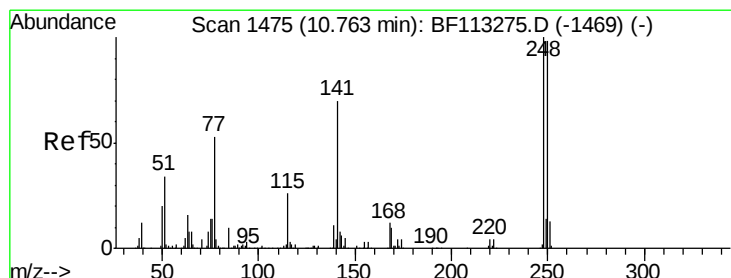
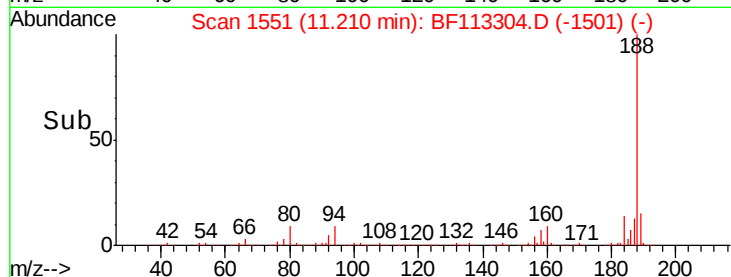
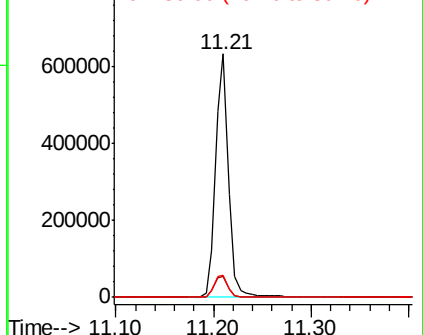
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113304.D
 Acq: 26 Mar 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-1H-B

Tgt Ion:188 Resp: 575392
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.6
 80 9.2 7.7 11.5

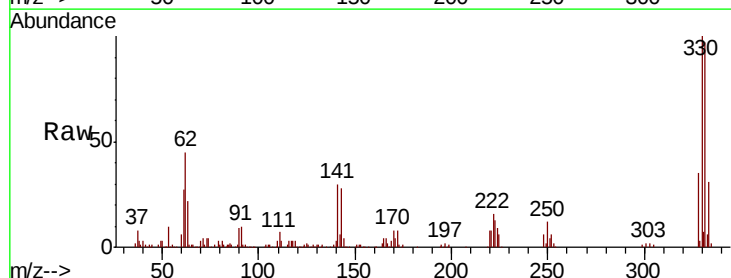


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

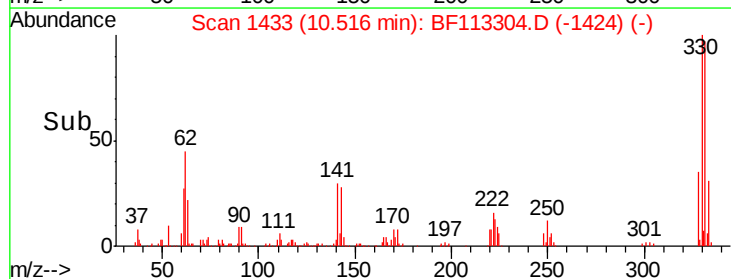
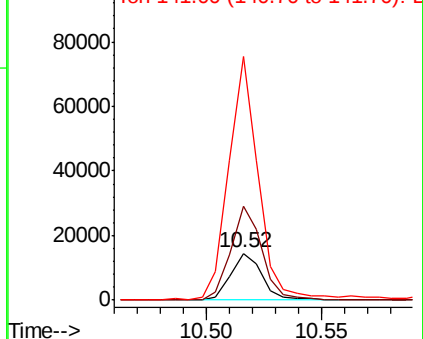


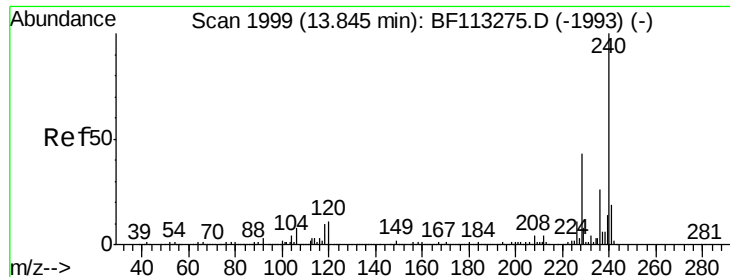
#67
 4-Bromophenyl-phenylether
 Concen: 2.173 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113304.D
 Acq: 26 Mar 2019 21:23

Tgt Ion:248 Resp: 13625
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.3 117.5#
 141 519.3 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

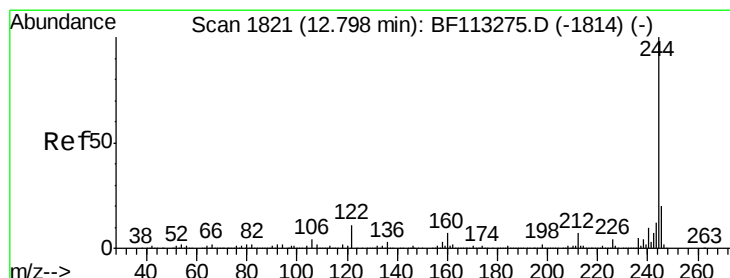
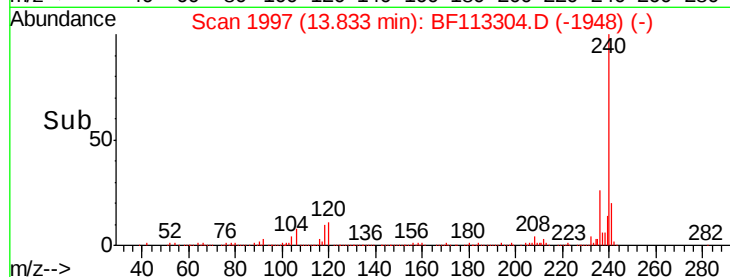
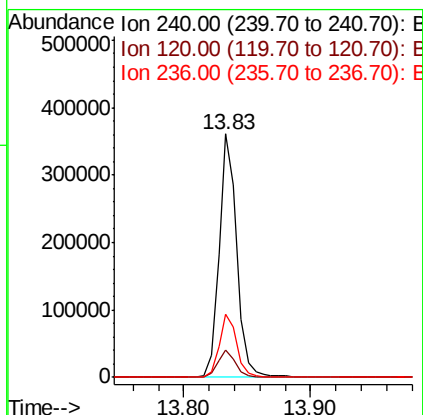
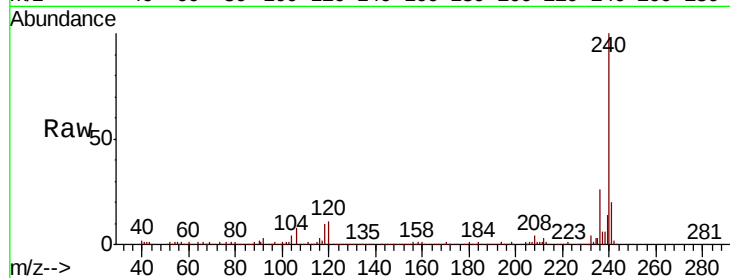




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

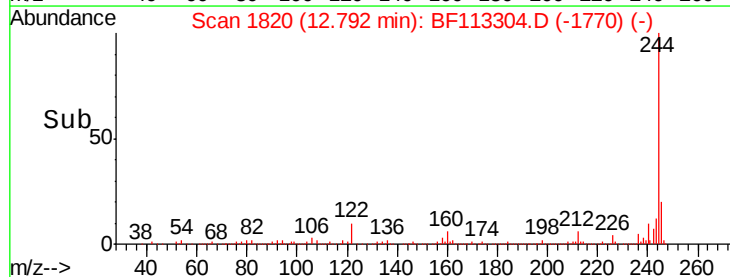
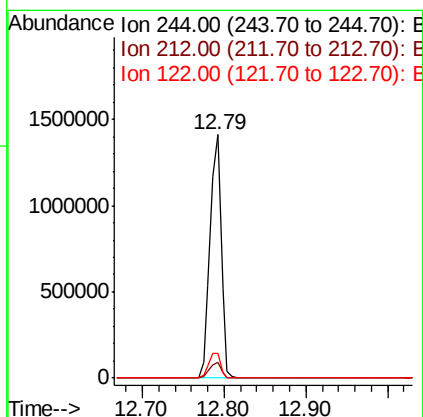
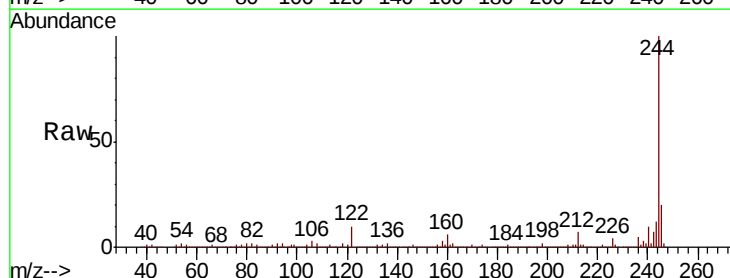
Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

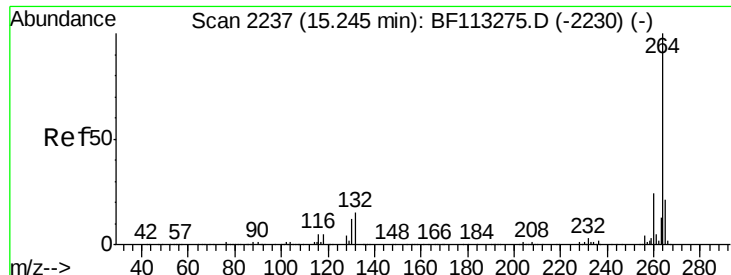
Tgt Ion:240 Resp: 351803
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 84.358 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:244 Resp: 1346425
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.3 8.6 13.0

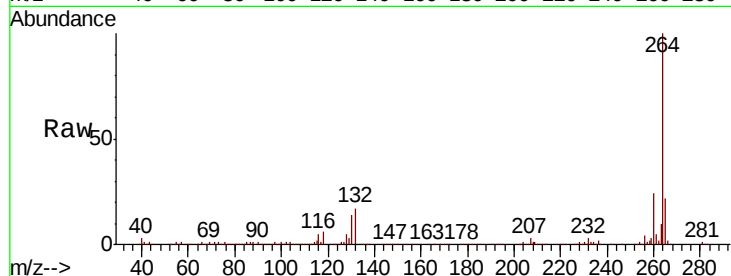




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion:	264	Resp:	423407
Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

