

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105080.D
 Acq On : 3 May 2018 18:43
 Operator : JU/SJ
 Sample : J2665-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:57:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

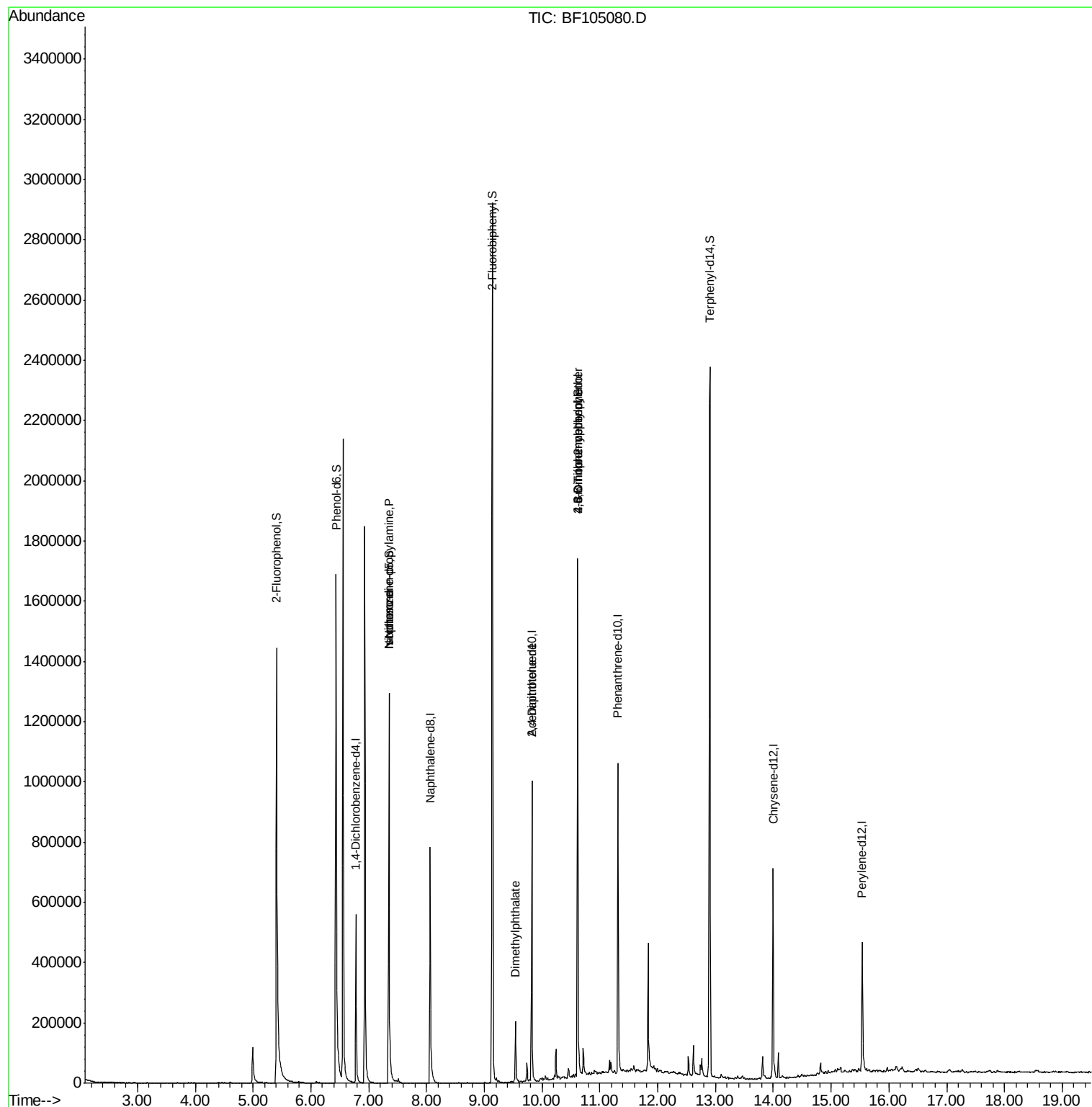
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	106356	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	457060	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	218424	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	405081	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	260502	20.00	ng	-0.04
86) Perylene-d12	15.54	264	198681	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	675999	97.19	ng	0.00
7) Phenol-d6	6.43	99	839946	98.28	ng	0.00
23) Nitrobenzene-d5	7.35	82	511494	73.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	237982	105.03	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	949046	68.64	ng	-0.02
78) Terphenyl-d14	12.90	244	867851	75.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	65442	11.72	ng	# 71
25) Isophorone	7.35	82	511492	34.56	ng	# 64
49) Dimethylphthalate	9.54	163	106343	6.17	ng	99
56) 2,4-Dinitrotoluene	9.82	165	28015	6.70	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	388	7.51	ng	# 40
66) 4-Bromophenyl-phenylether	10.62	248	15000	3.48	ng	# 1
76) Benzidine	12.90	184	11436	Below Cal		99

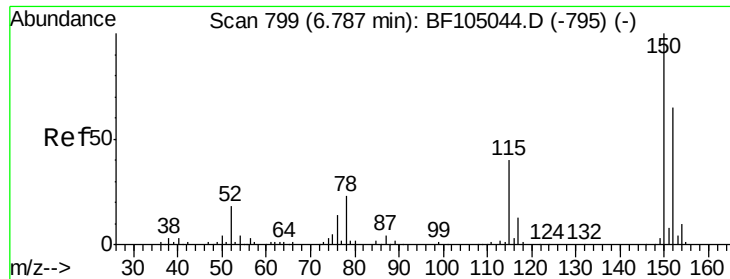
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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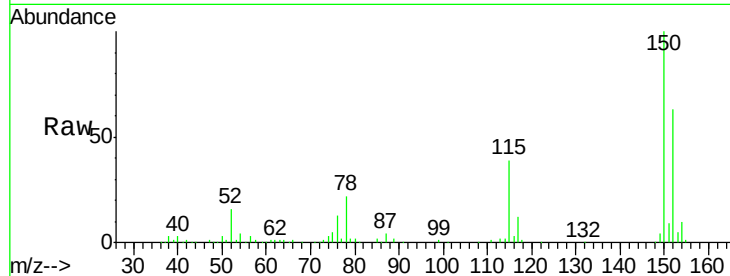


#1

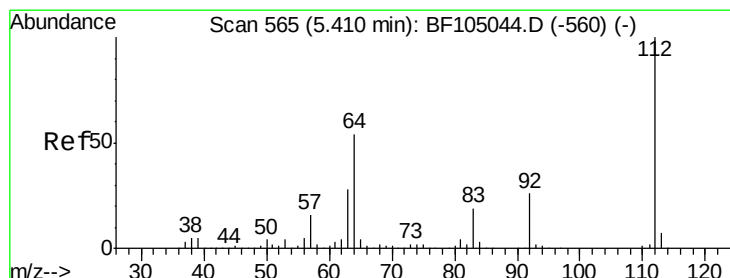
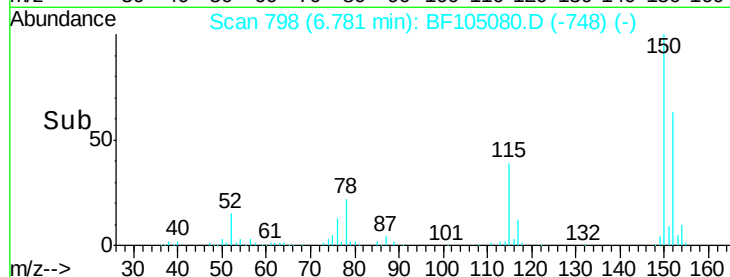
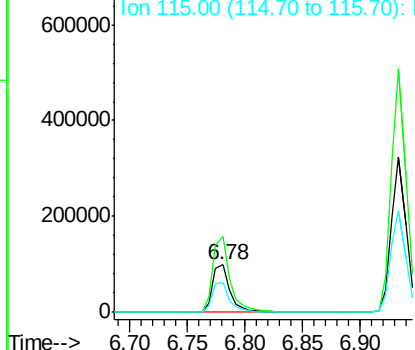
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106356
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 61.4 50.1 75.1



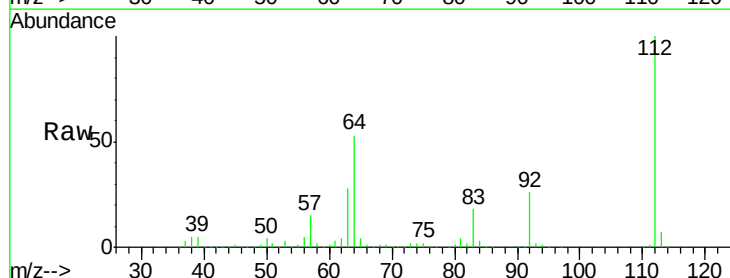
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



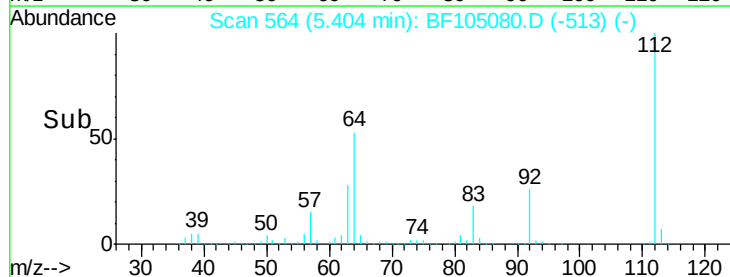
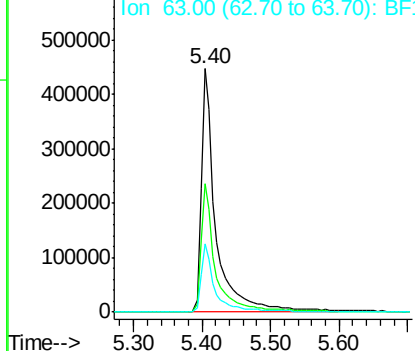
#5

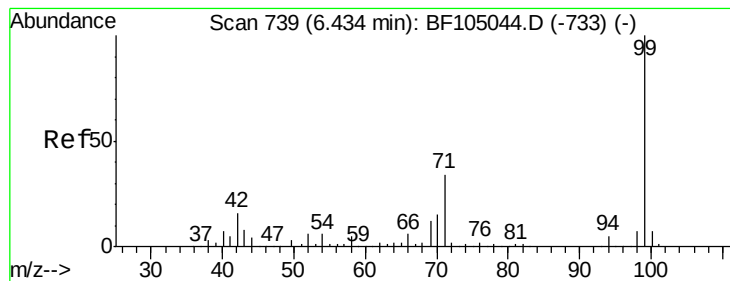
2-Fluorophenol
Concen: 97.19 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

Tgt Ion:112 Resp: 675999
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 27.8 23.7 35.5



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: 98.28 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105080.D

Acq: 3 May 2018 18:43

Instrument :

BNA_F

ClientSampled :

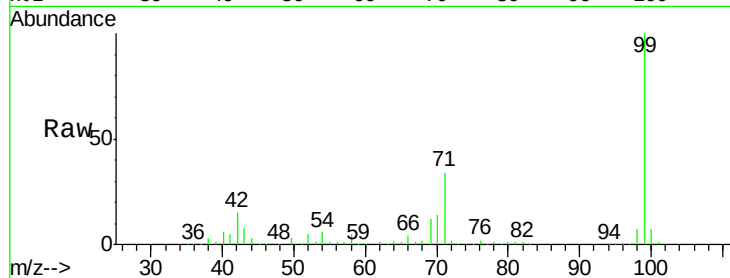
Tot Ion: 99 Resp: 839946

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

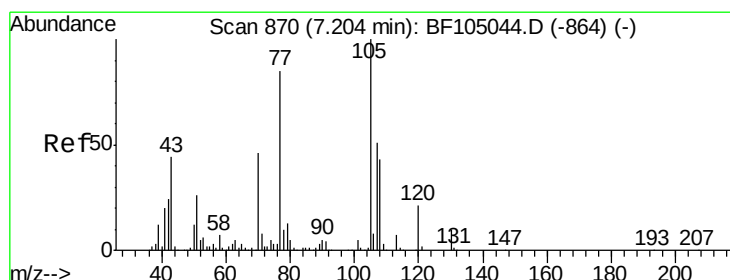
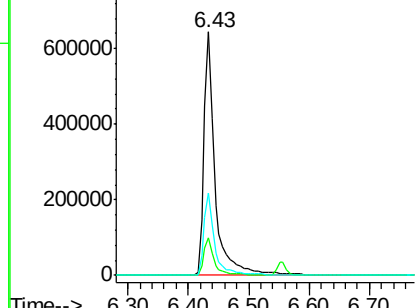
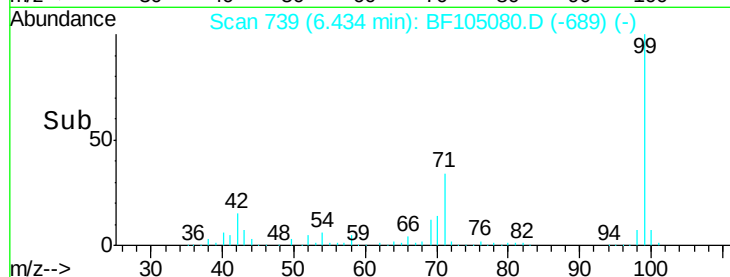
71 33.6 25.4 38.0



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: 11.72 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF105080.D

Acq: 3 May 2018 18:43

Tgt Ion: 70 Resp: 65442

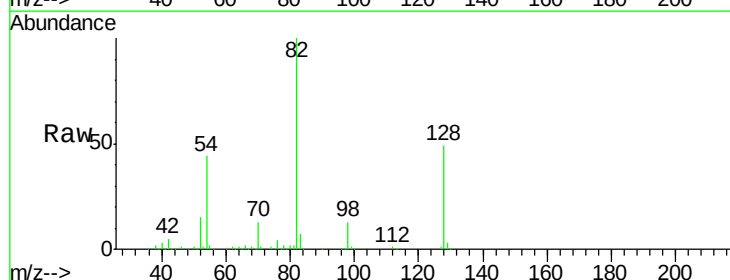
Ion Ratio Lower Upper

70 100

42 40.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

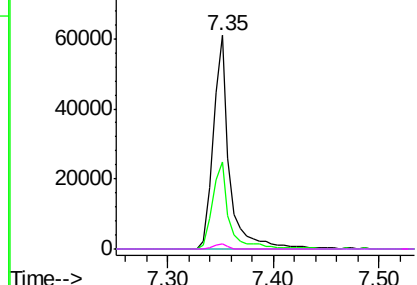
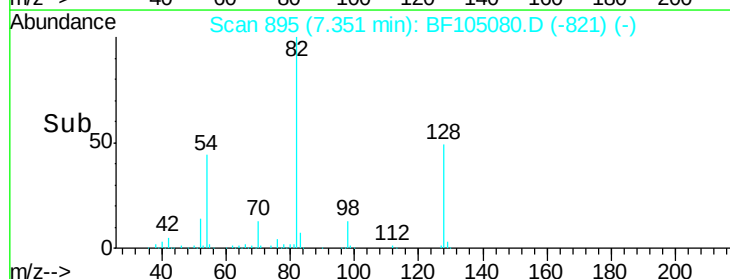


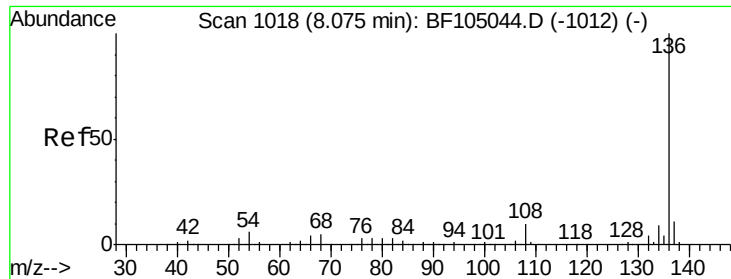
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

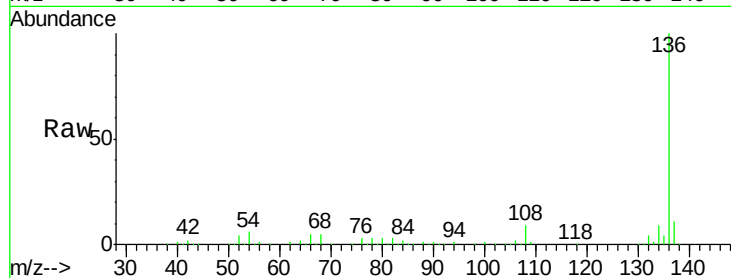




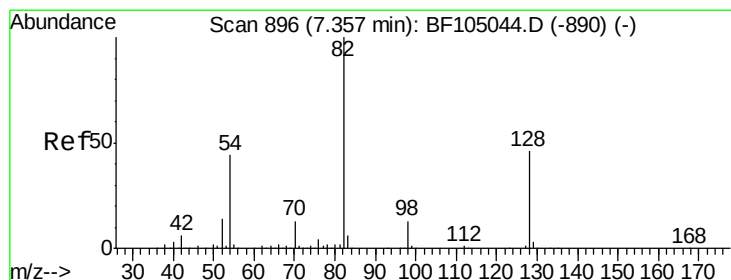
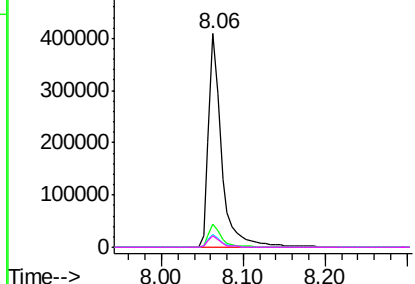
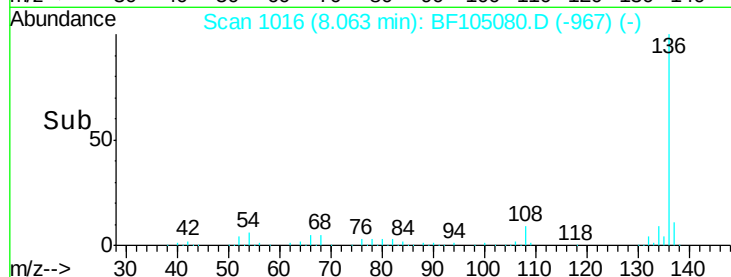
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	457060
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.2	6.6 9.8#
68	5.4	5.0 7.4

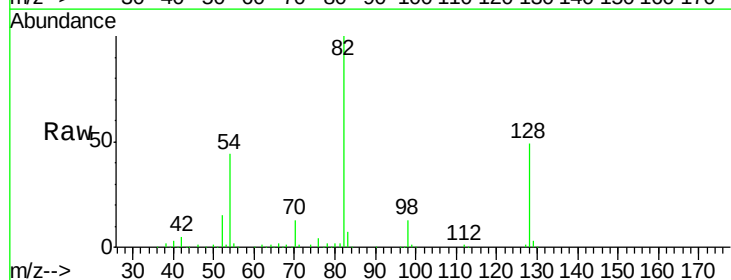


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

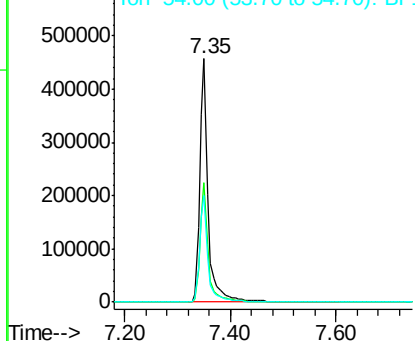
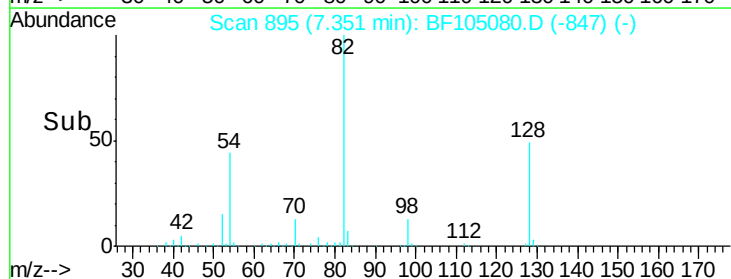


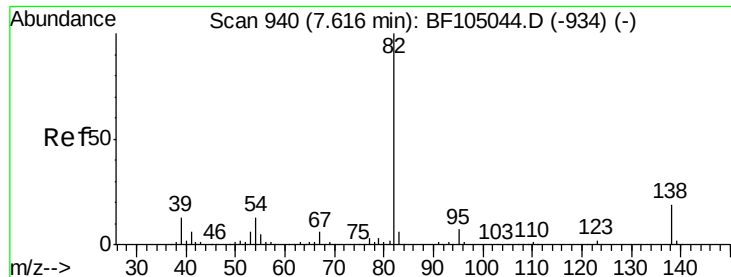
#23
Nitrobenzene-d5
Concen: 73.07 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

Tgt Ion: 82	Resp:	511494
Ion	Ratio	Lower Upper
82	100	
128	49.1	36.1 54.1
54	43.6	41.4 62.2



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: 34.56 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF105080.D

Acq: 3 May 2018 18:43

Instrument :

BNA_F

ClientSampleId :

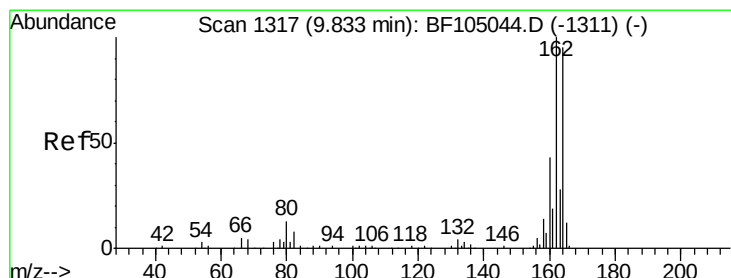
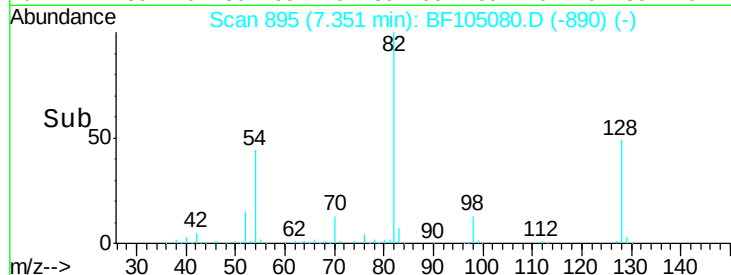
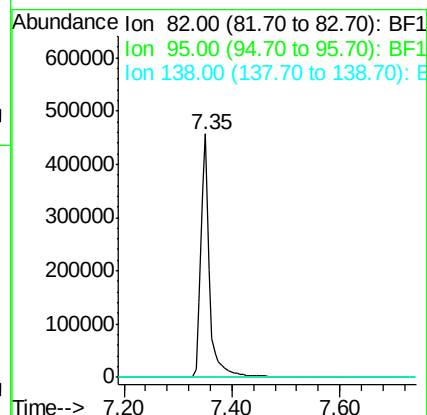
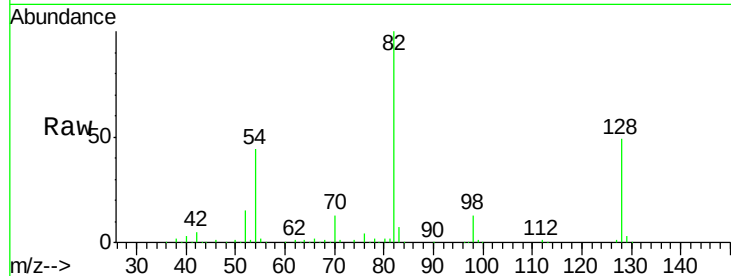
Tot Ion: 82 Resp: 511492

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF105080.D

Acq: 3 May 2018 18:43

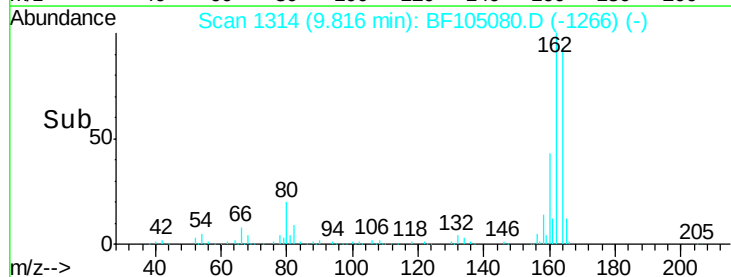
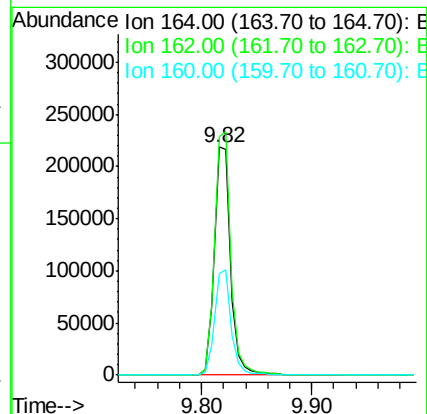
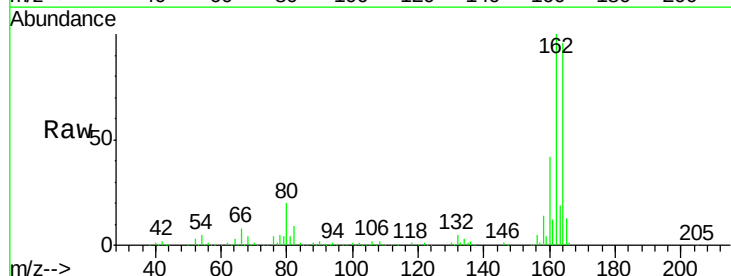
Tgt Ion: 164 Resp: 218424

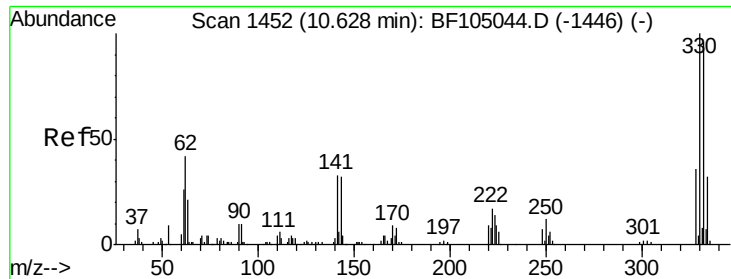
Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

160 44.4 38.3 57.5

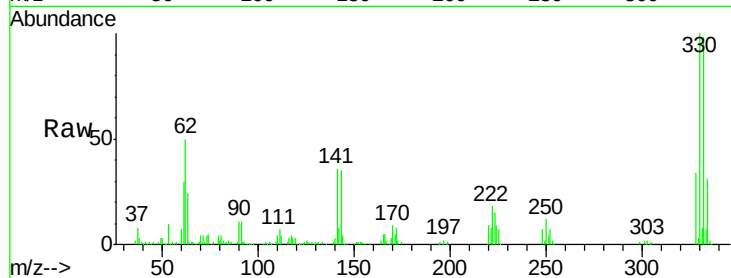




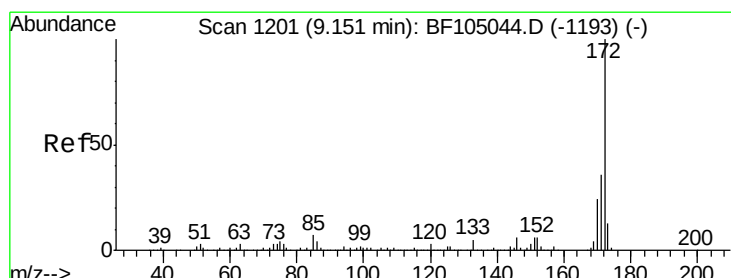
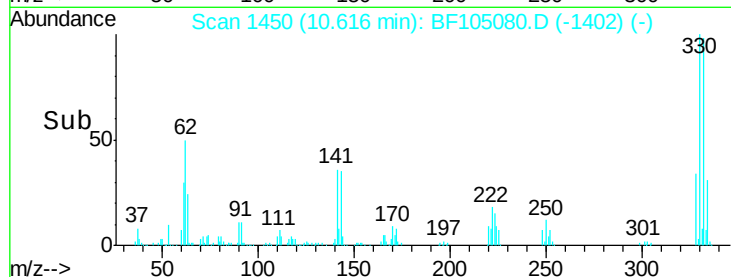
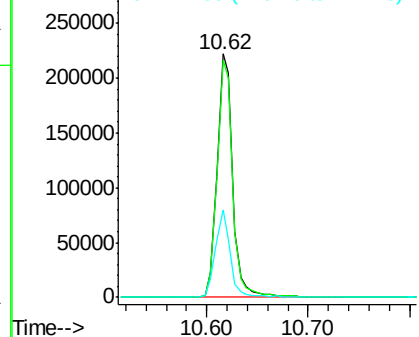
#41
 2,4,6-Tribromophenol
 Concen: 105.03 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF105080.D
 Acq: 3 May 2018 18:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	34.3	29.9	44.9

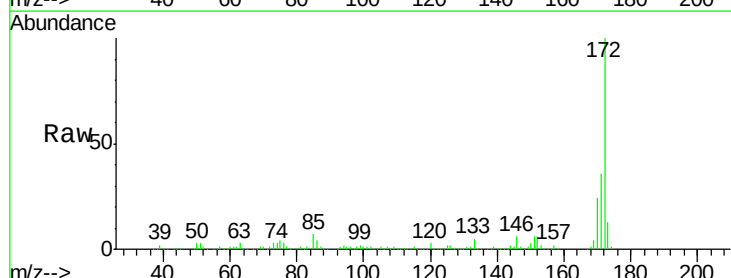


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

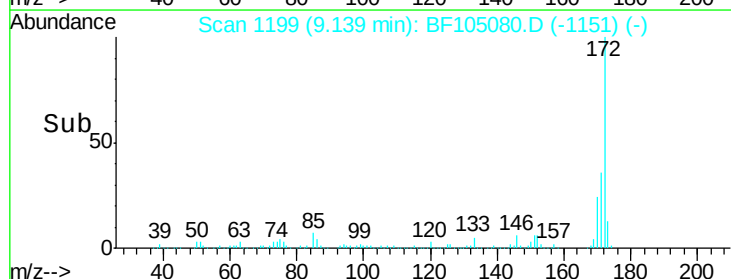
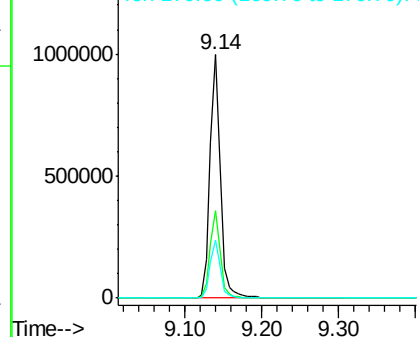


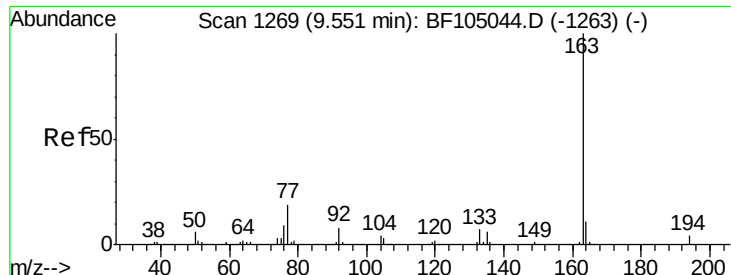
#44
 2-Fluorobiphenyl
 Concen: 68.64 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105080.D
 Acq: 3 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



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

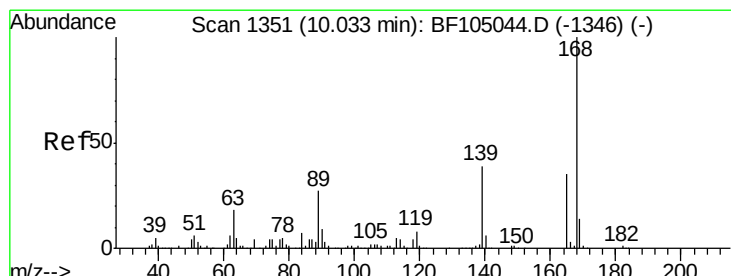
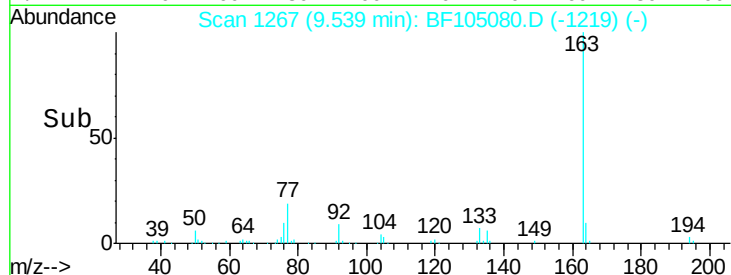
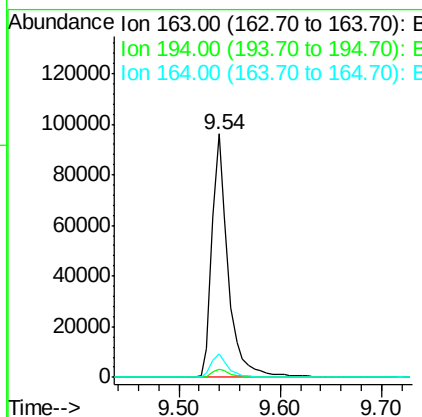
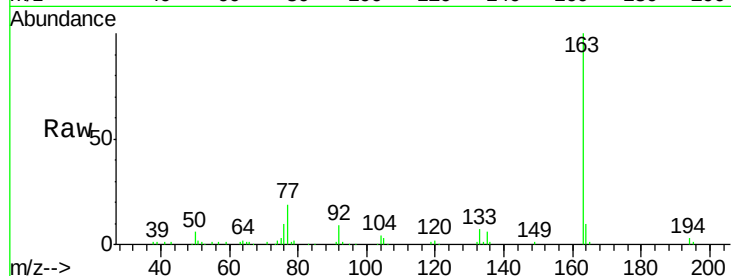




#49
Dimethylphthalate
Concen: 6.17 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

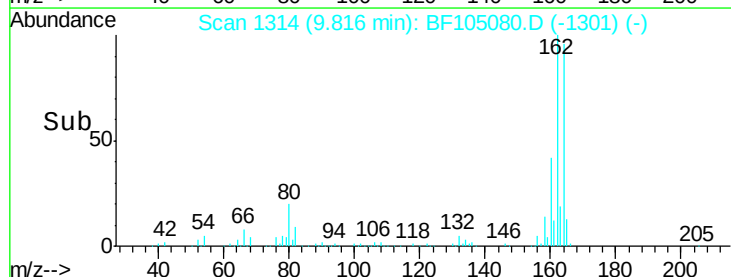
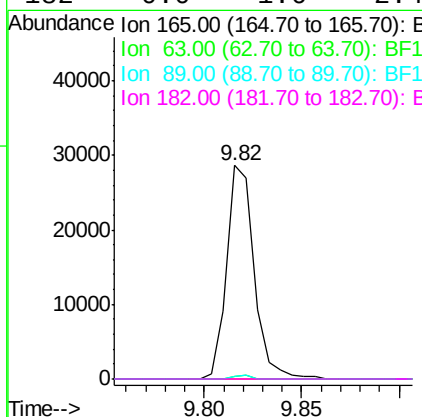
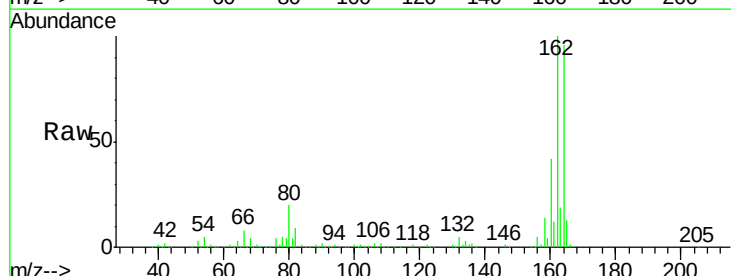
Instrument :
BNA_F
ClientSampleId :

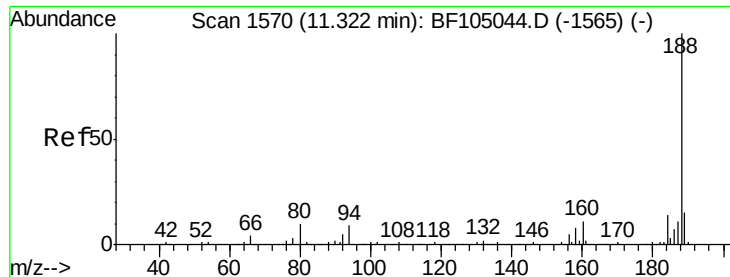
Tot Ion:163 Resp: 106343
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.22 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

Tgt Ion:165 Resp: 28015
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

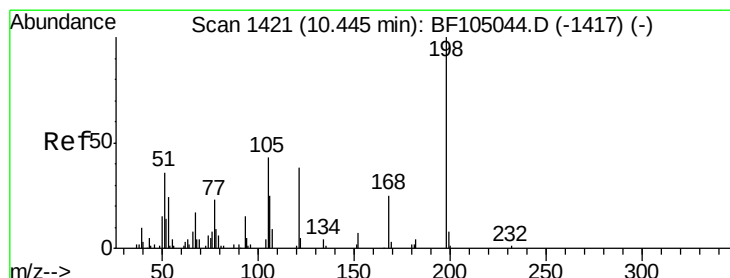
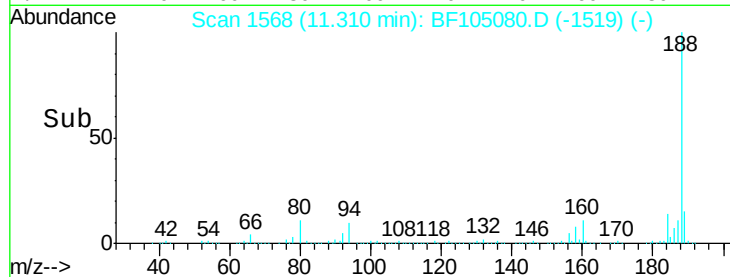
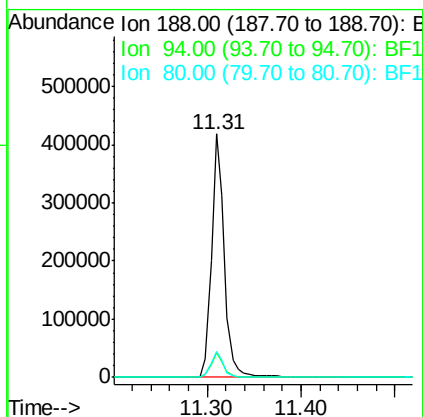
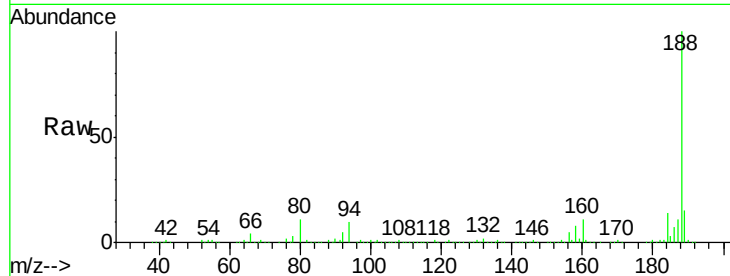




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

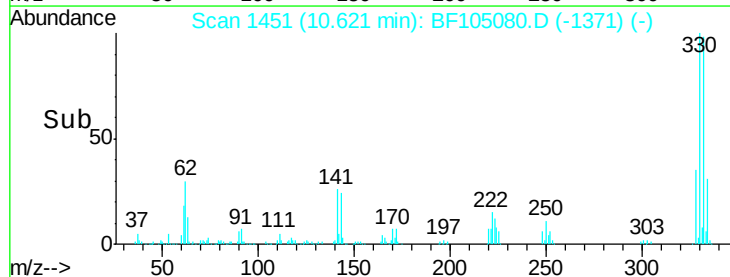
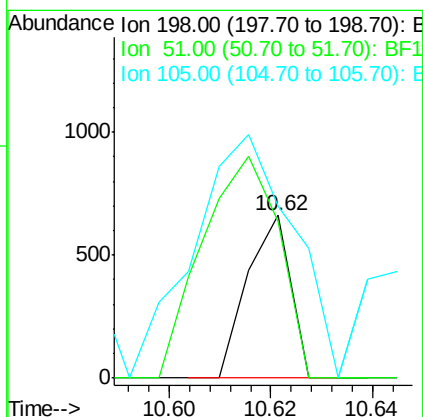
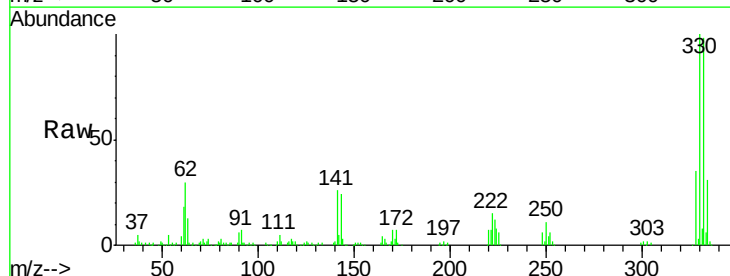
Instrument :
BNA_F
ClientSampleId :

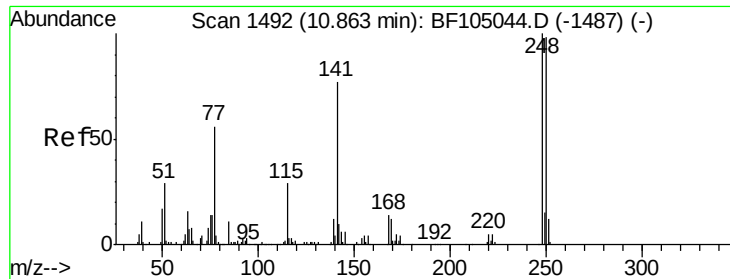
Tot Ion:188 Resp: 405081
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.51 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

Tgt Ion:198 Resp: 388
Ion Ratio Lower Upper
198 100
51 96.4 37.7 77.7#
105 105.6 36.3 76.3#

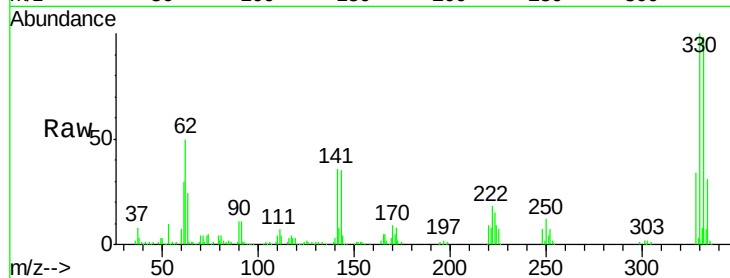




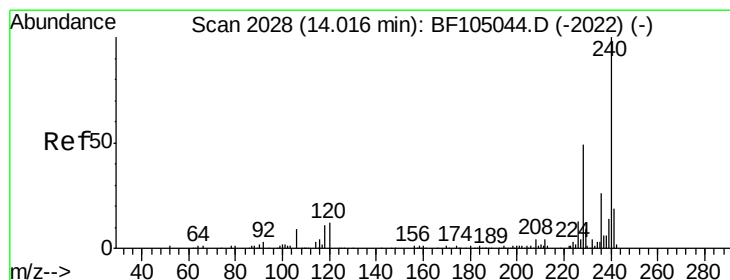
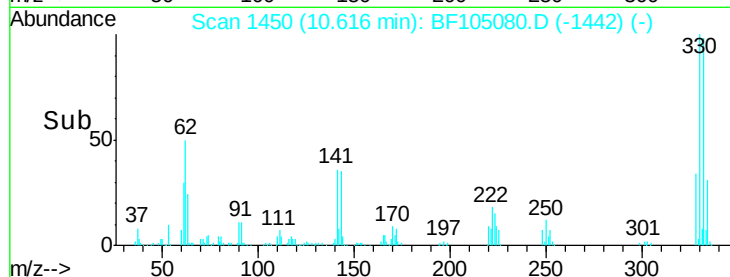
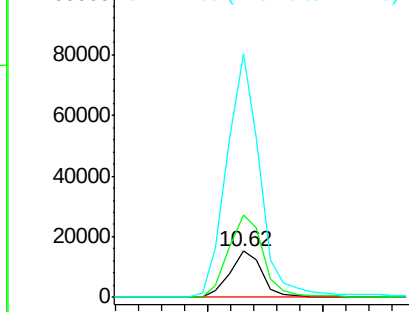
#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15000
Ion Ratio Lower Upper
248 100
250 178.5 76.9 115.3#
141 525.6 74.4 111.6#

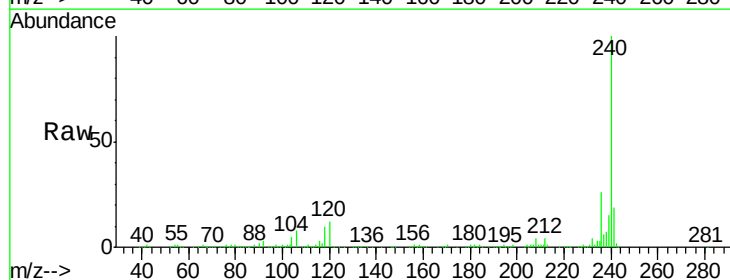


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

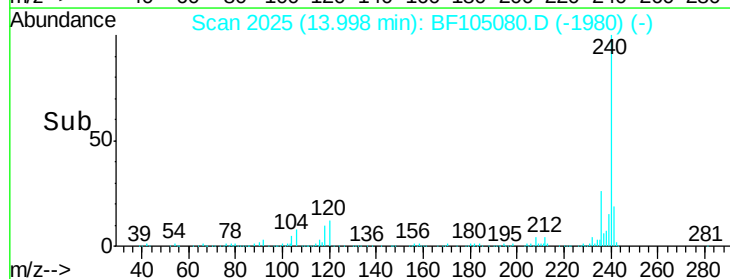
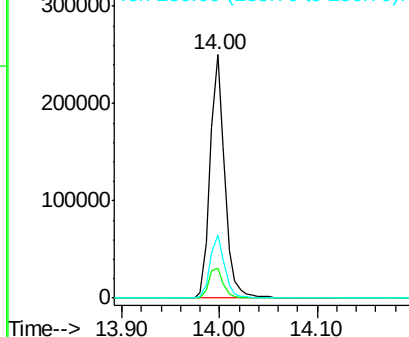


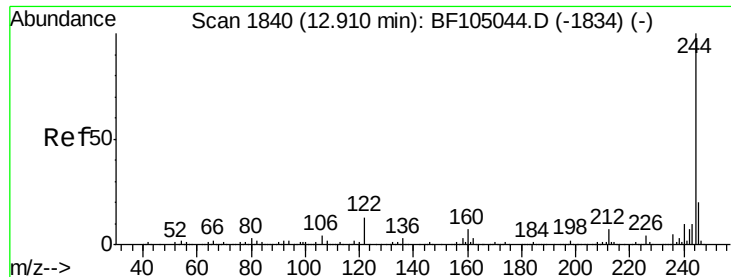
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.04 min
Lab File: BF105080.D
Acq: 3 May 2018 18:43

Tgt Ion:240 Resp: 260502
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
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





#78

Terphenyl-d14

Concen: 75.95 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105080.D

Acq: 3 May 2018 18:43

Instrument :

BNA_F

ClientSampleId :

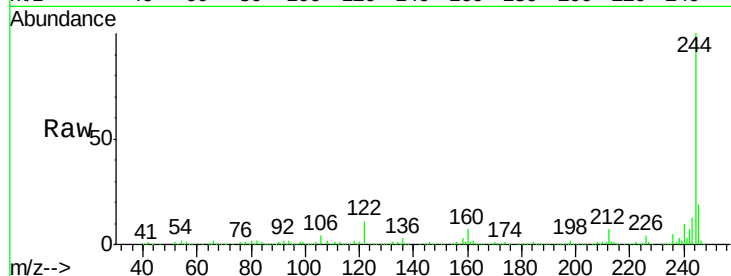
Tot Ion:244 Resp: 867851

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

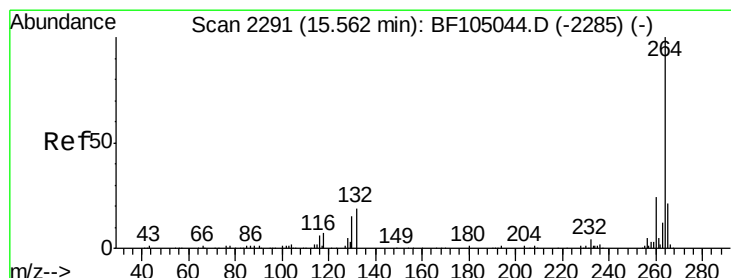
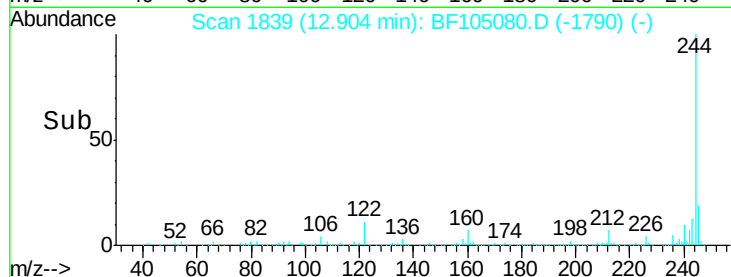
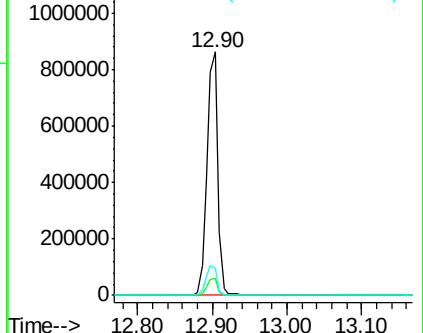
122 11.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.05 min

Lab File: BF105080.D

Acq: 3 May 2018 18:43

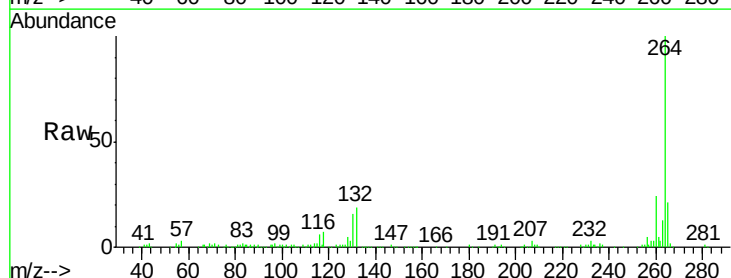
Tgt Ion:264 Resp: 198681

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 17.5 26.3



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

