

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105342.D
 Acq On : 12 May 2018 17:21
 Operator : JU/SJ
 Sample : J2870-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:51:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

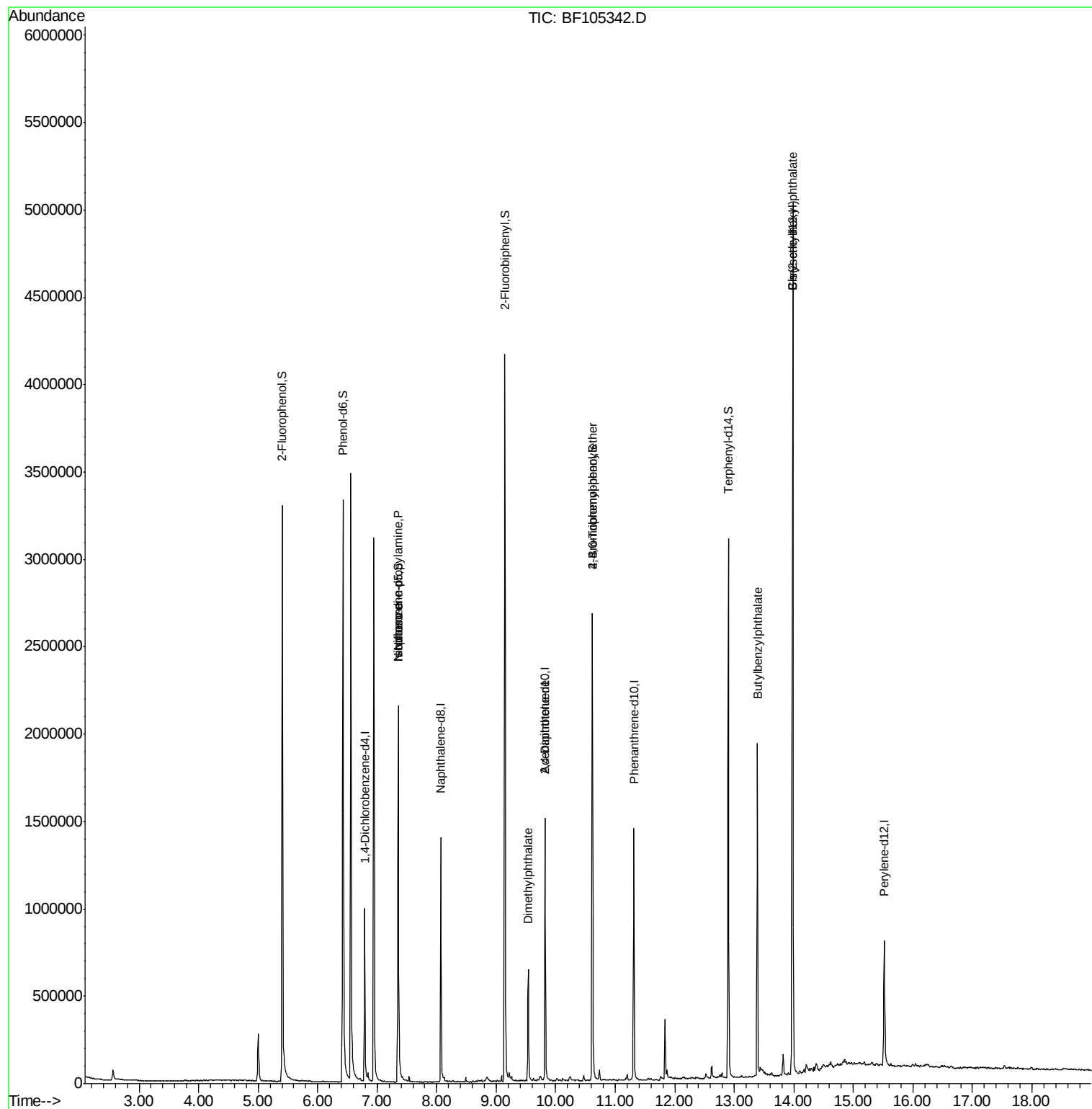
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153846	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	633179	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	283876	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	511048	20.00	ng	0.00
75) Chrysene-d12	13.99	240	281535	20.00	ng	-0.03
86) Perylene-d12	15.52	264	364069	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1071288	104.73	ng	0.00
7) Phenol-d6	6.43	99	1374449	113.08	ng	0.00
23) Nitrobenzene-d5	7.35	82	880638	80.95	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	397781	108.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1358225	68.96	ng	0.00
78) Terphenyl-d14	12.90	244	1205861	92.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	119010	15.49	ng	# 83
25) Isophorone	7.35	82	880633	42.77	ng	# 64
49) Dimethylphthalate	9.54	163	242709	11.14	ng	99
56) 2,4-Dinitrotoluene	9.82	165	35781	5.73	ng	# 24
66) 4-Bromophenyl-phenylether	10.62	248	22428	3.95	ng	# 1
79) Butylbenzylphthalate	13.39	149	418643	43.74	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	1495201	129.02	ng	99

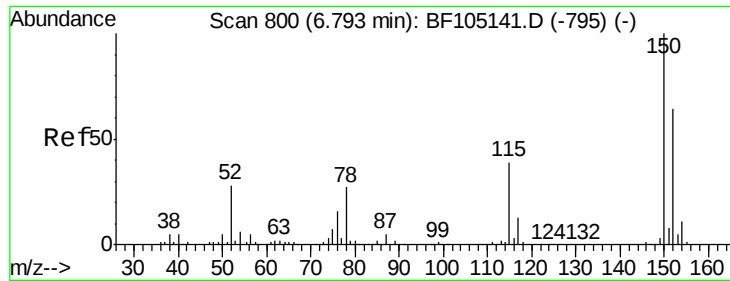
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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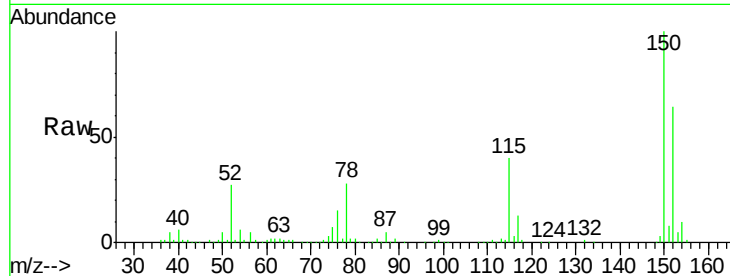


#1

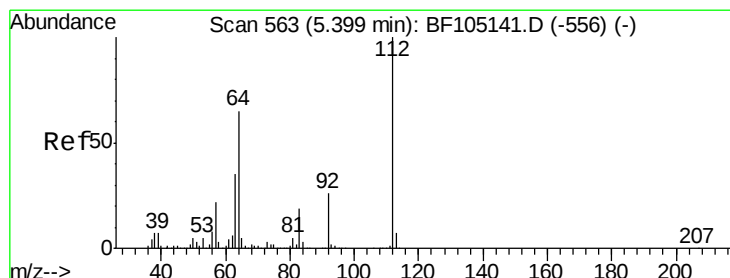
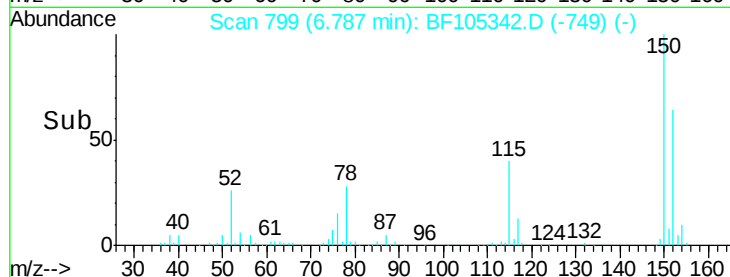
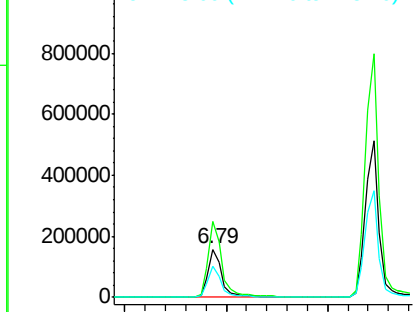
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 153846
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 63.5 50.1 75.1



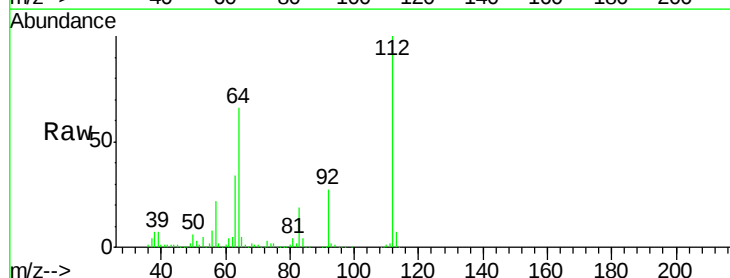
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



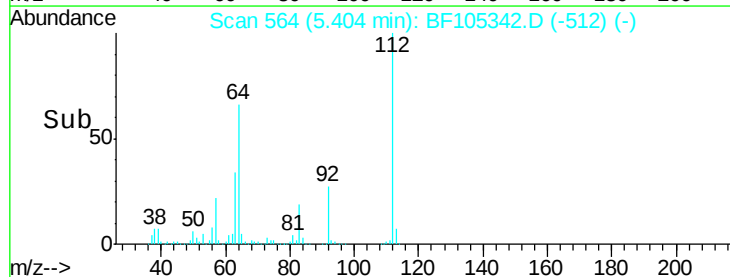
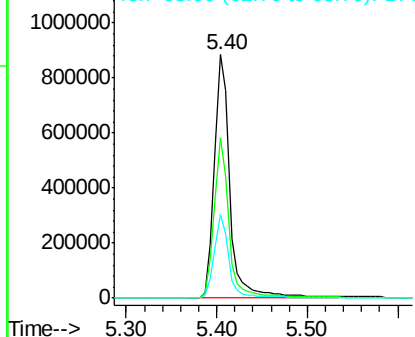
#5

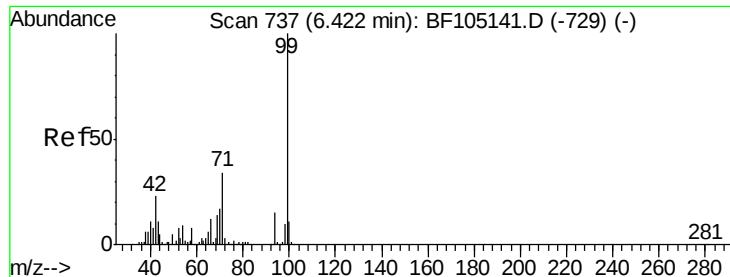
2-Fluorophenol
Concen: 104.73 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Tgt Ion:112 Resp: 1071288
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 34.2 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: 113.08 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

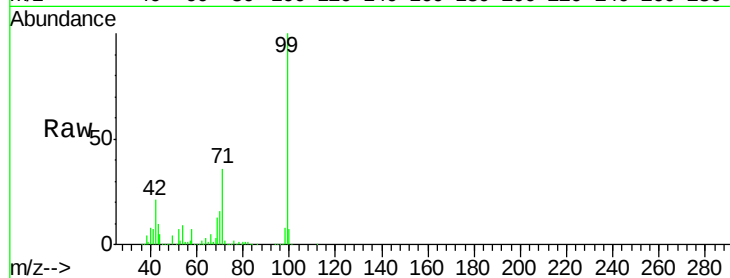
Tot Ion: 99 Resp: 1374449

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

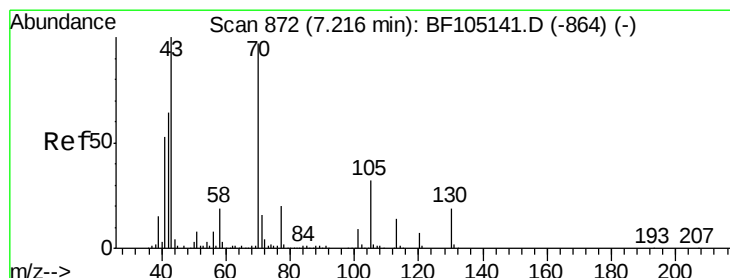
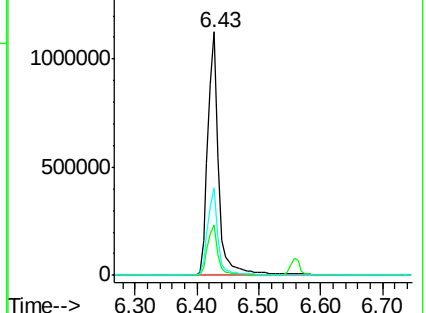
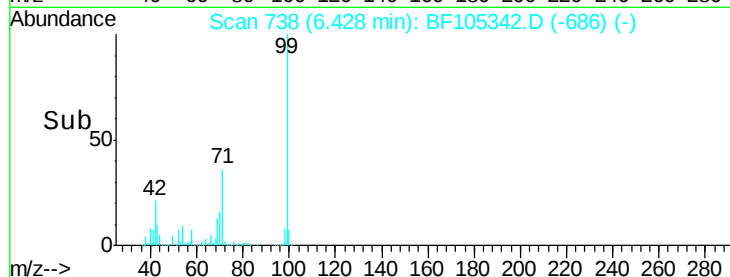
71 35.9 25.4 38.0



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: 15.49 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

Tgt Ion: 70 Resp: 119010

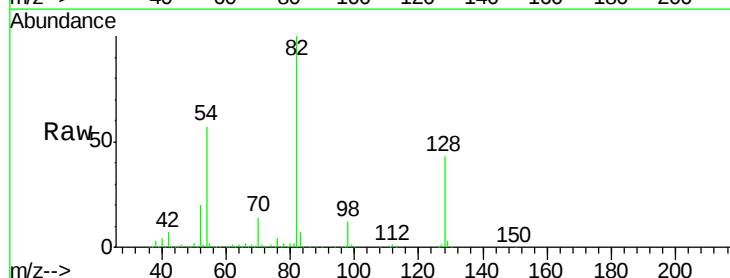
Ion Ratio Lower Upper

70 100

42 53.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

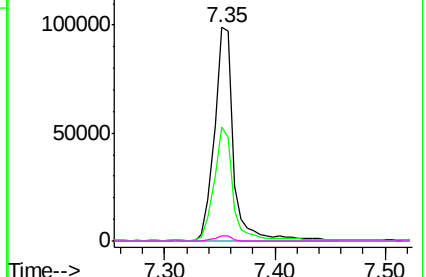
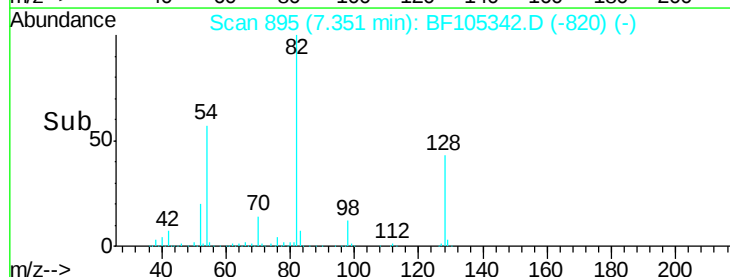


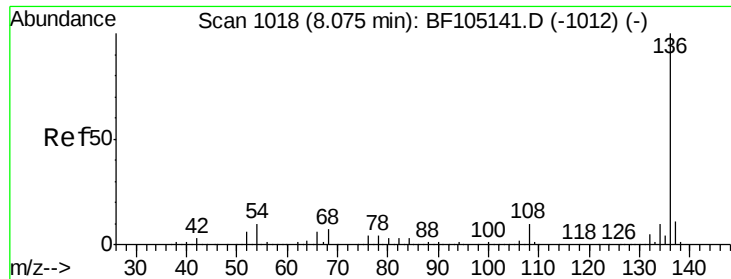
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

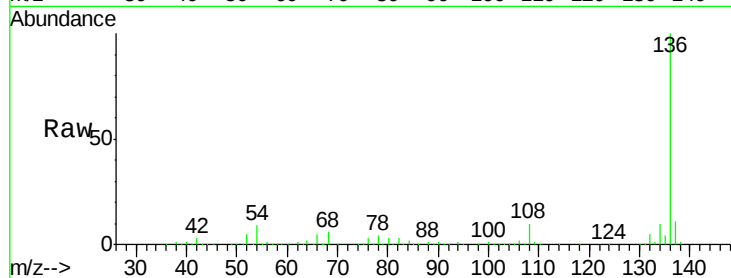




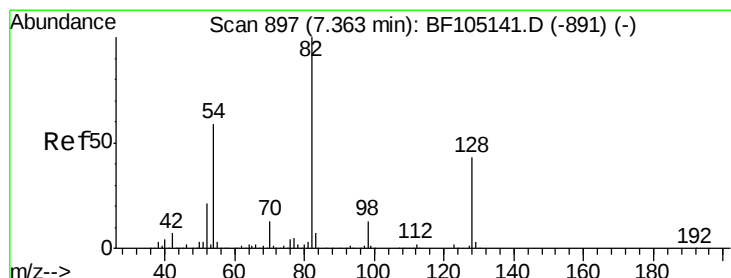
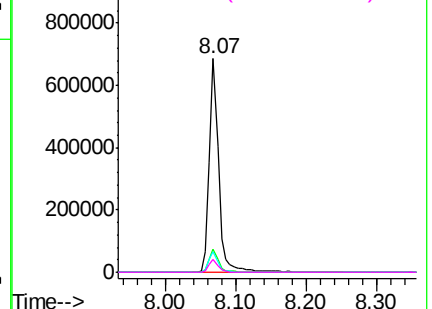
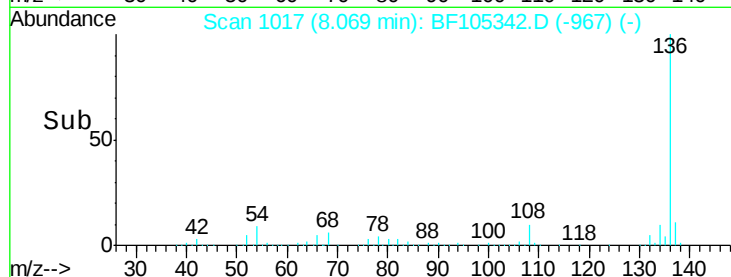
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Instrument :
BNA_F
ClientSampleID :

Tot Ion:136	Resp:	633179
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.4	6.6 9.8
68	6.0	5.0 7.4

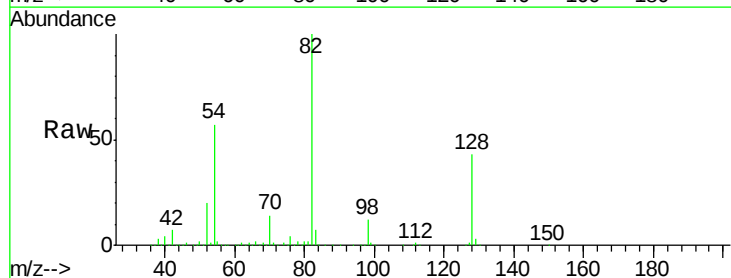


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

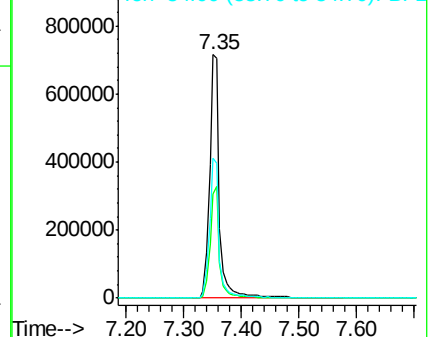
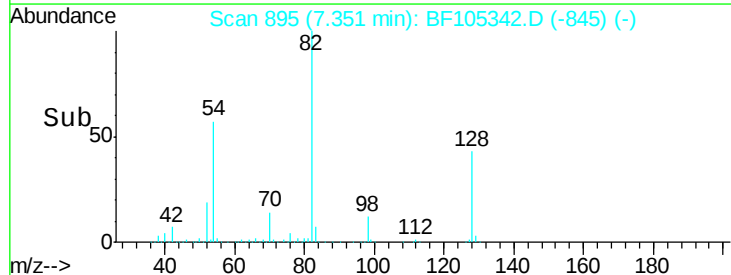


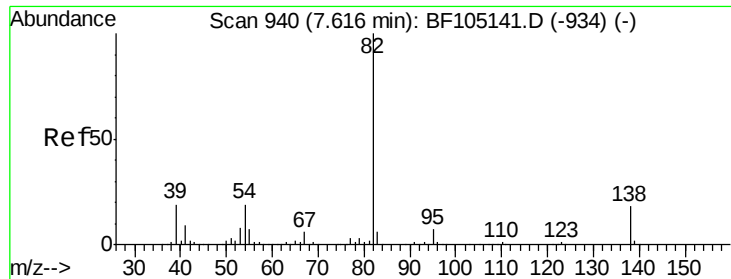
#23
Nitrobenzene-d5
Concen: 80.95 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Tgt Ion: 82	Resp:	880638
Ion Ratio	Lower	Upper
82	100	
128	42.8	36.1 54.1
54	57.4	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: 42.77 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

Instrument :

BNA_F

ClientSampled :

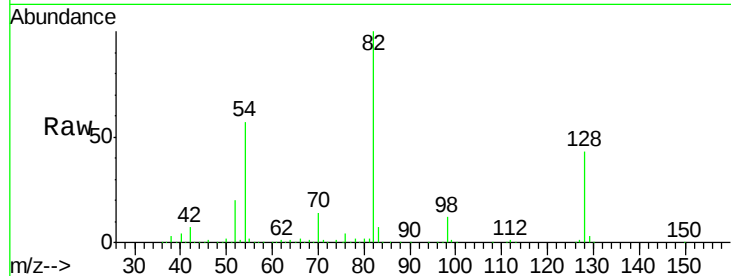
Tot Ion: 82 Resp: 880633

Ion Ratio Lower Upper

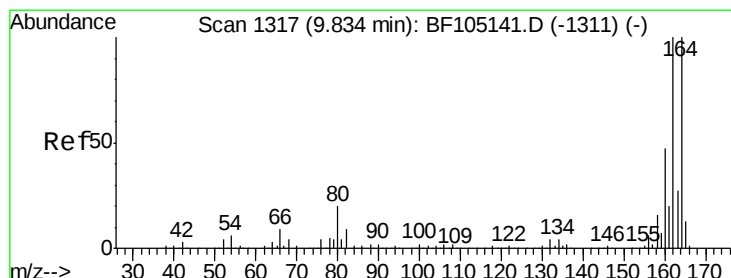
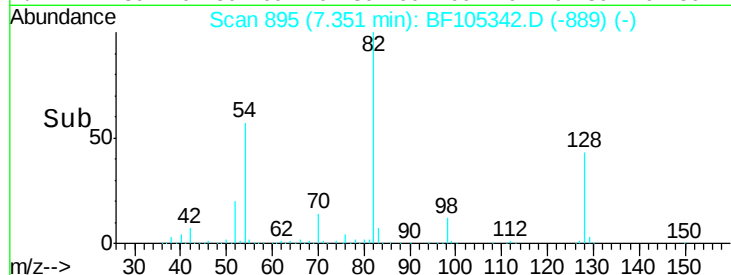
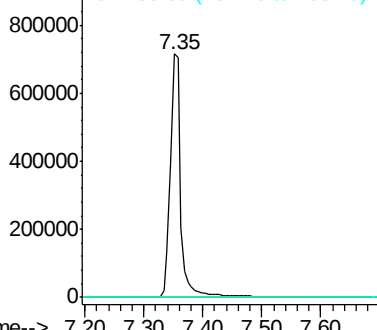
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

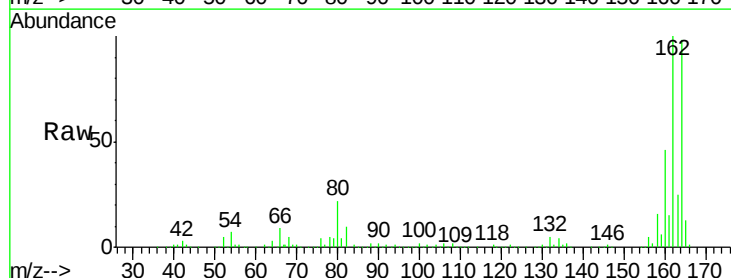
Tgt Ion: 164 Resp: 283876

Ion Ratio Lower Upper

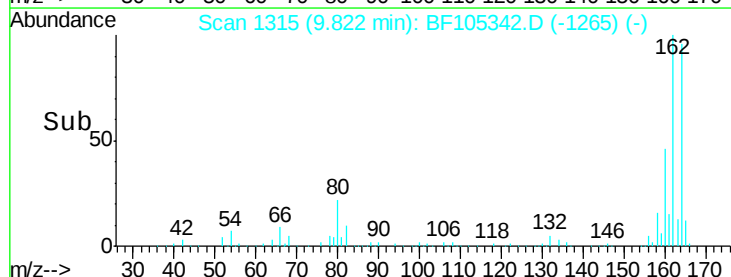
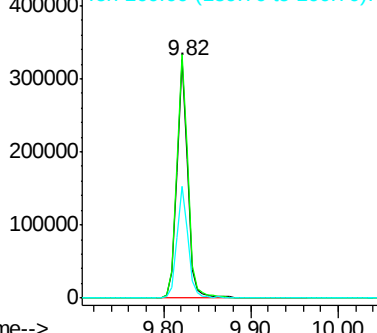
164 100

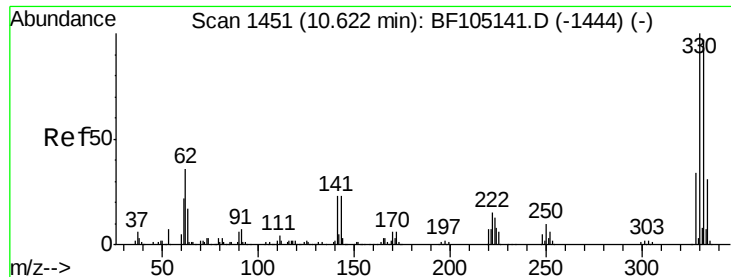
162 102.2 86.1 129.1

160 46.9 38.3 57.5



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

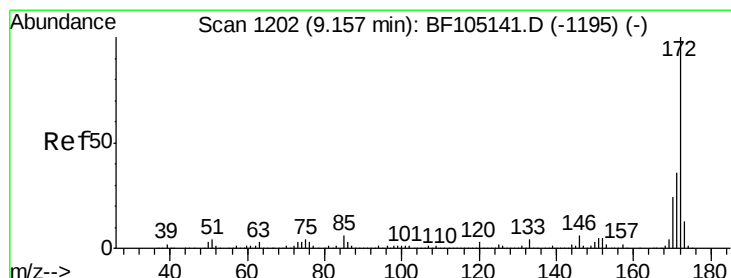
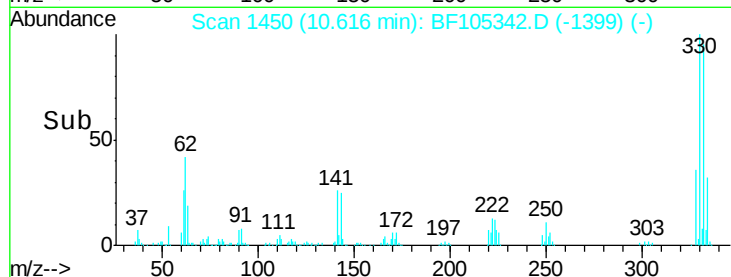
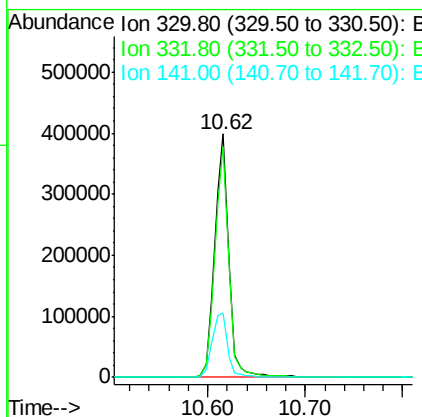
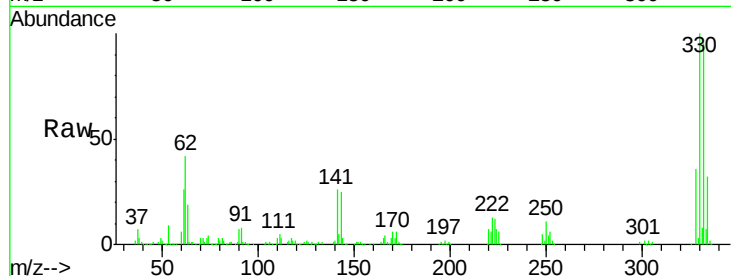




#41
 2,4,6-Tribromophenol
 Concen: 108.46 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

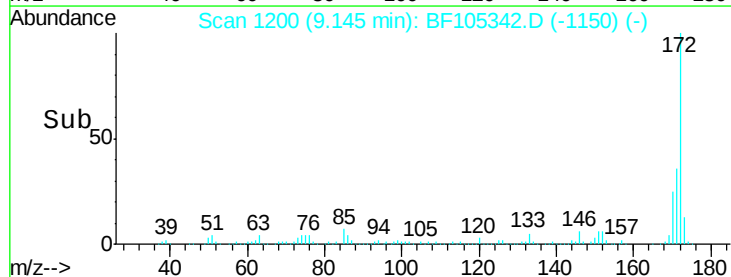
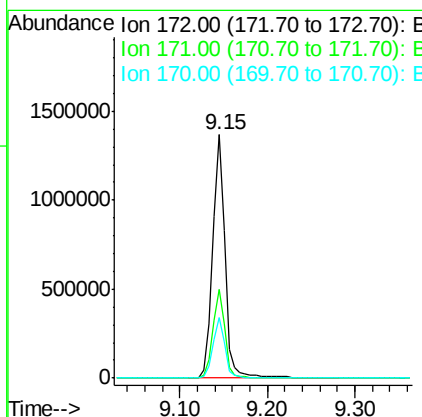
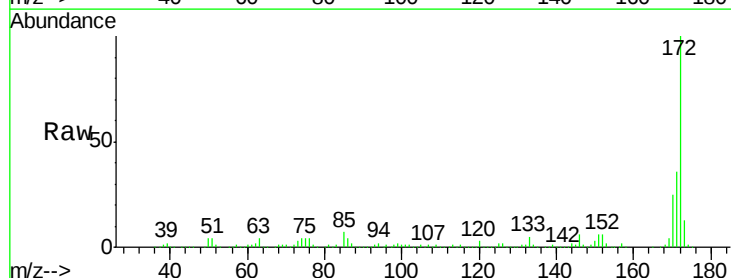
Instrument :
 BNA_F
 ClientSampleId :

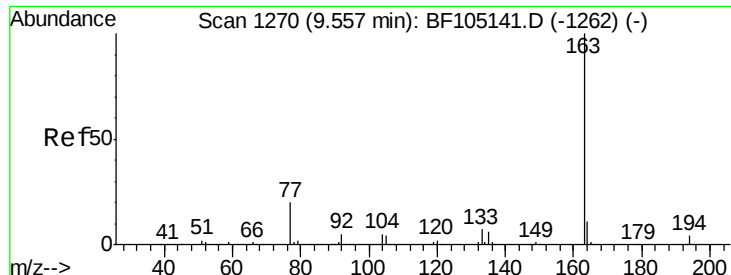
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	29.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 68.96 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4

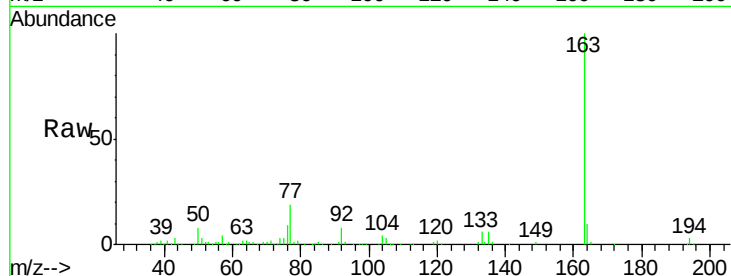




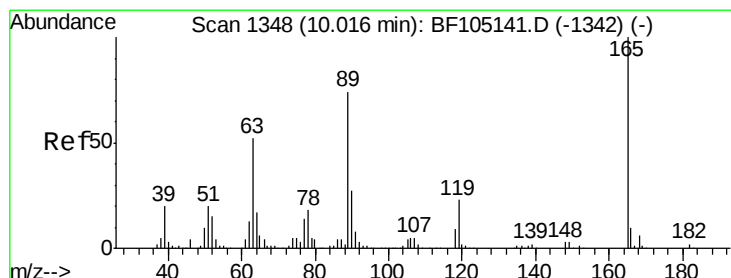
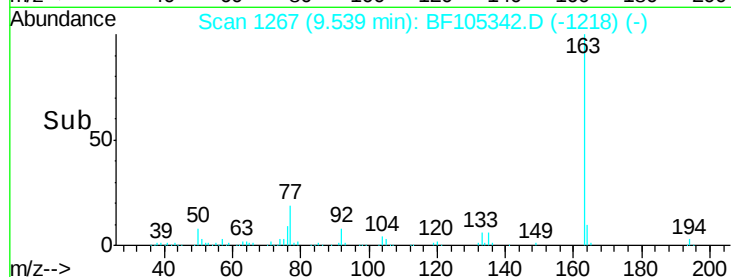
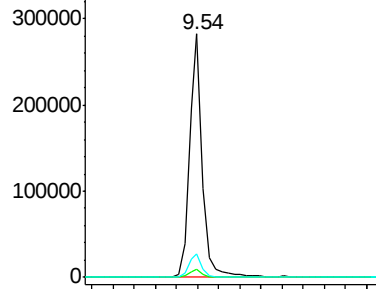
#49
Dimethylphthalate
Concen: 11.14 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 242709
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 8.2 12.2

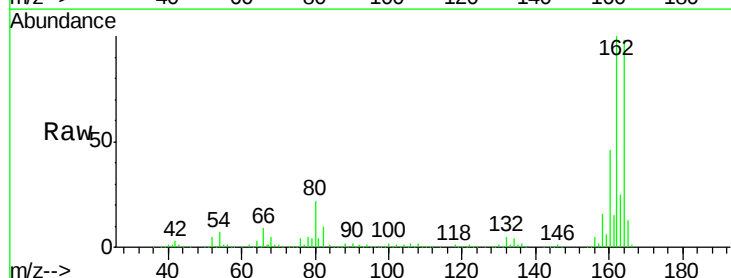


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

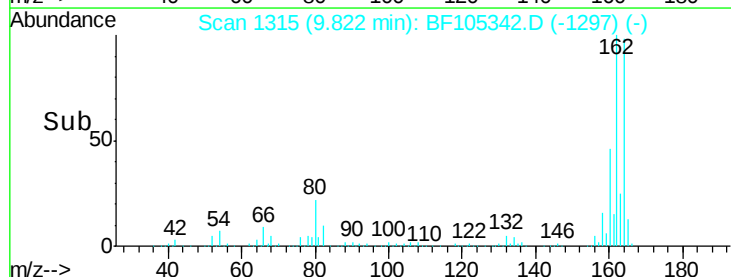
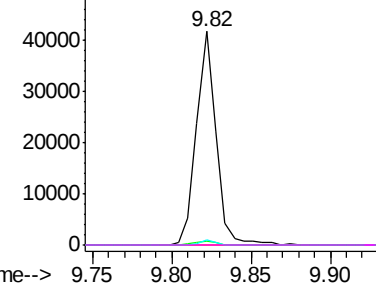


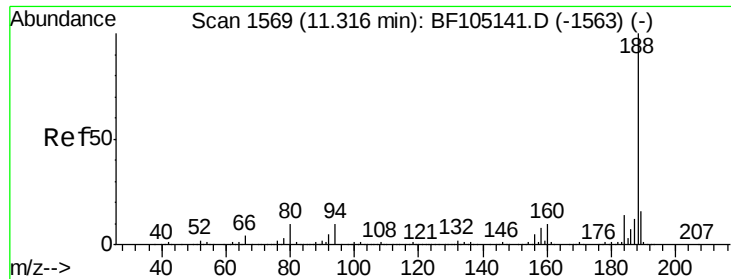
#56
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Tgt Ion:165 Resp: 35781
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 2.2 57.8 86.6#
182 0.0 1.6 2.4#



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

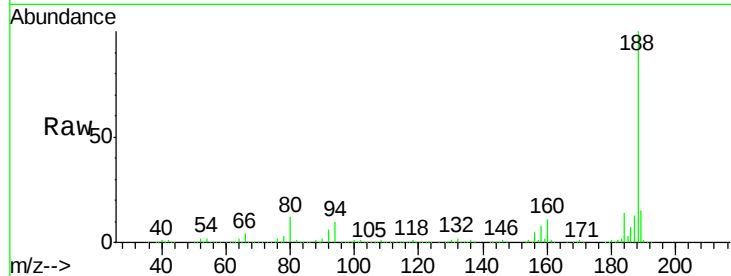




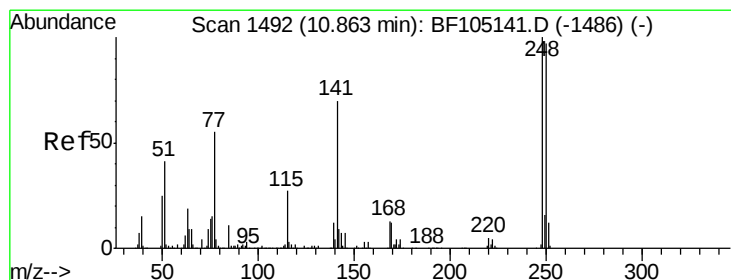
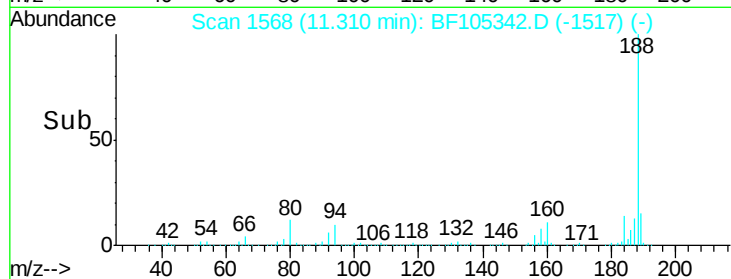
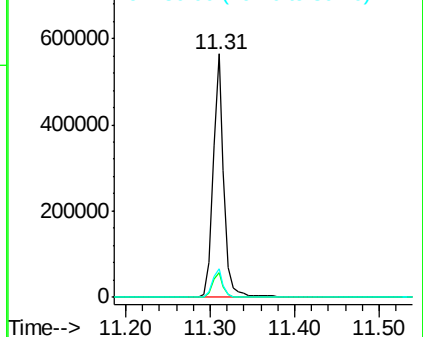
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 511048
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.7 9.2 13.8

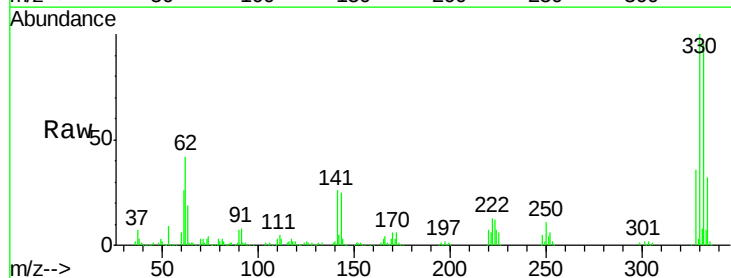


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

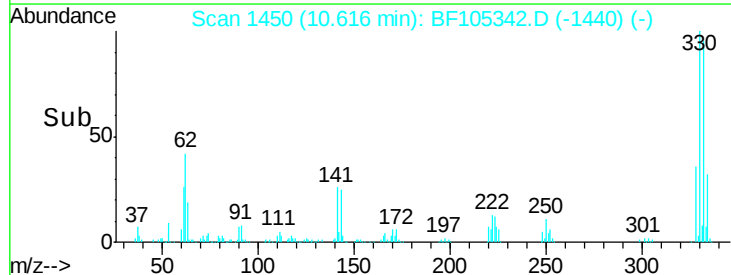
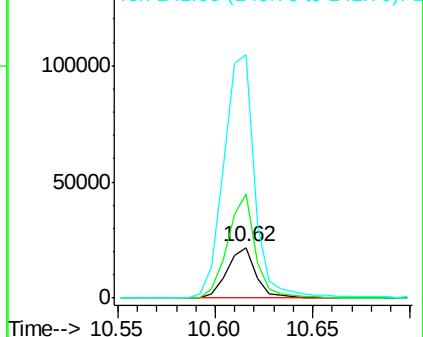


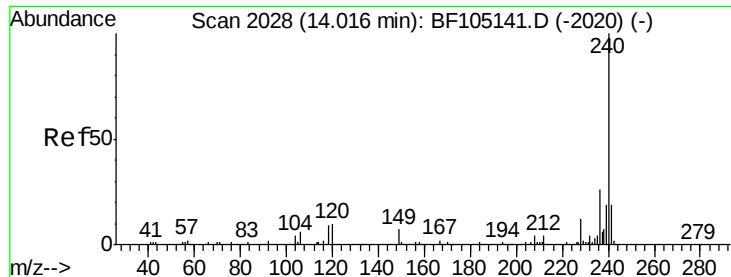
#66
 4-Bromophenyl-phenylether
 Concen: 3.95 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

Tgt Ion:248 Resp: 22428
 Ion Ratio Lower Upper
 248 100
 250 203.5 76.9 115.3#
 141 478.0 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: 13.99 min Scan# 2023

Delta R.T. -0.03 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

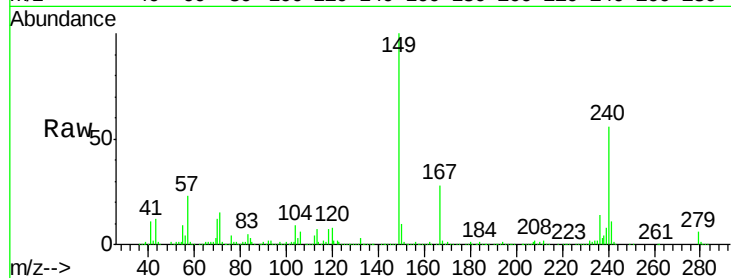
Tot Ion:240 Resp: 281535

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

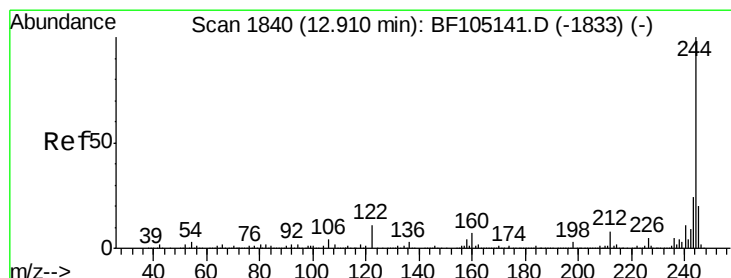
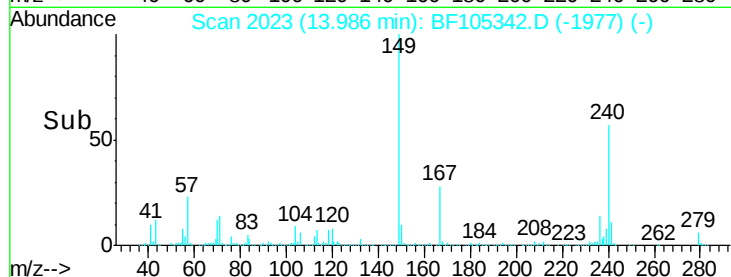
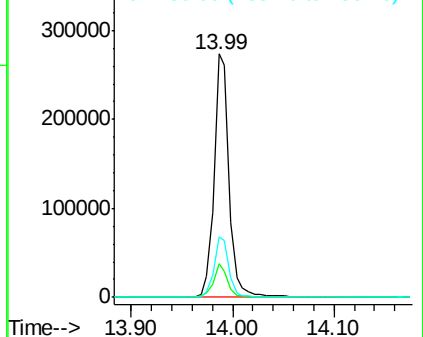
236 25.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 92.07 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

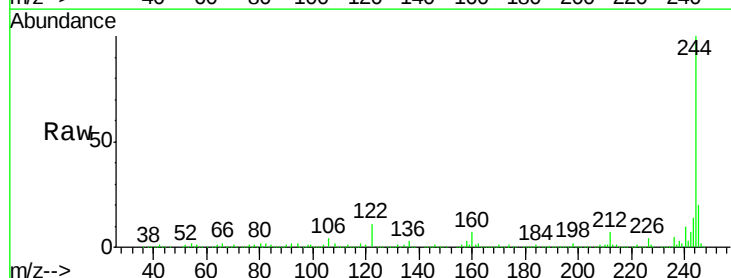
Tgt Ion:244 Resp: 1205861

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

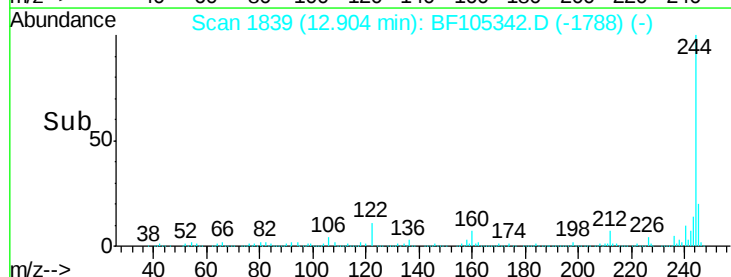
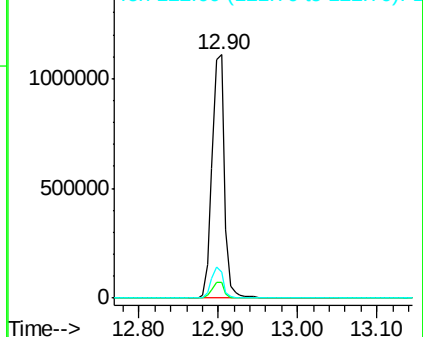
122 10.9 11.0 16.4#

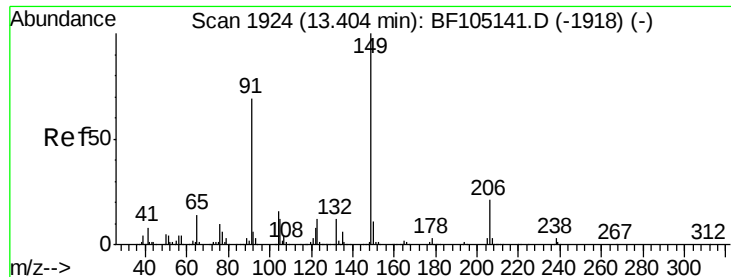


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

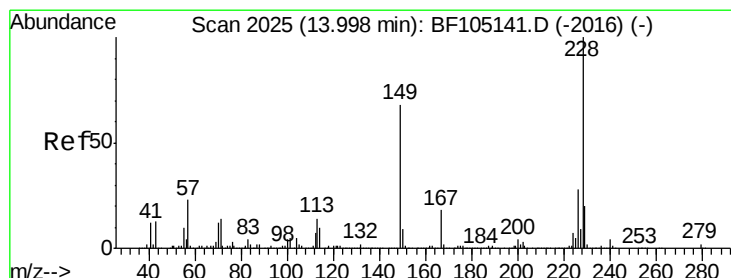
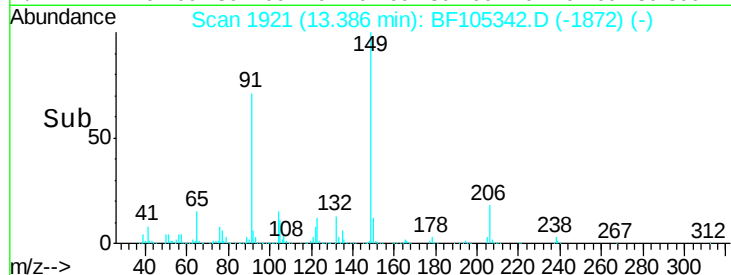
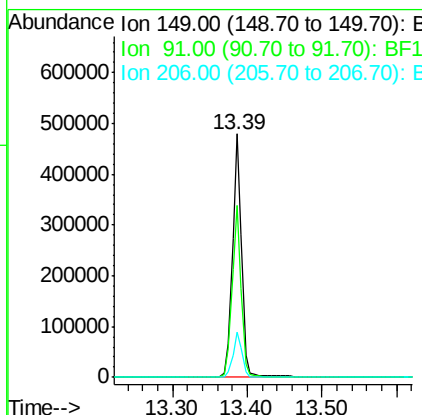
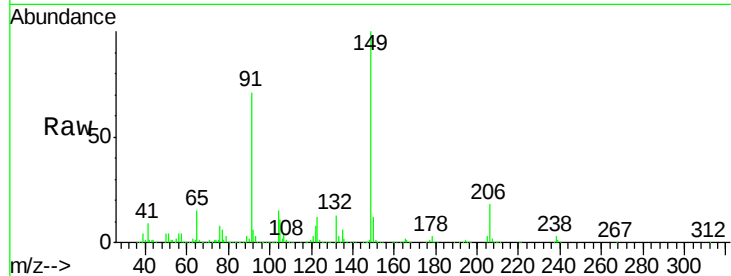




#79
 Butylbenzylphthalate
 Concen: 43.74 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

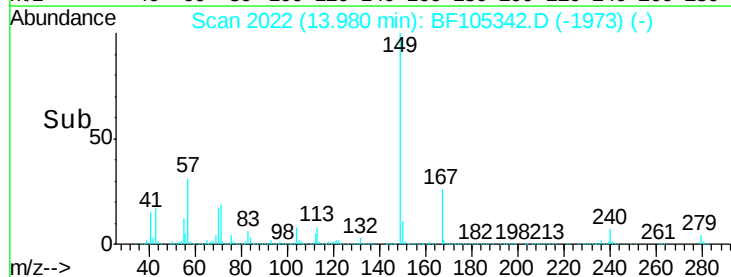
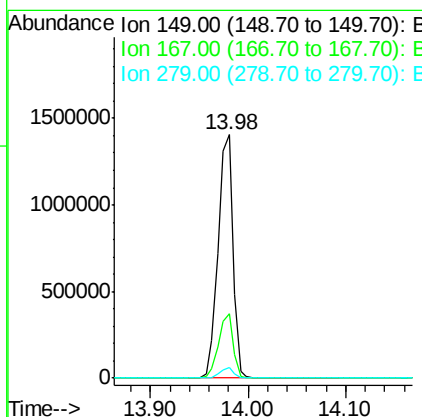
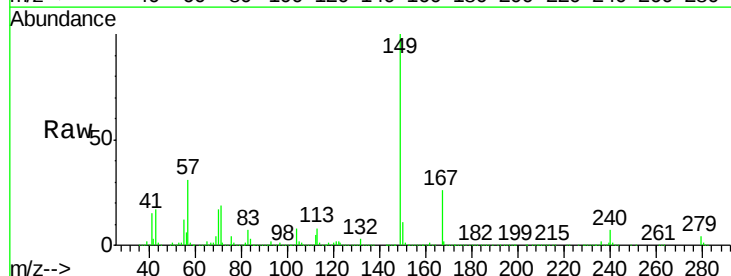
Instrument :
 BNA_F
 ClientSampleId :

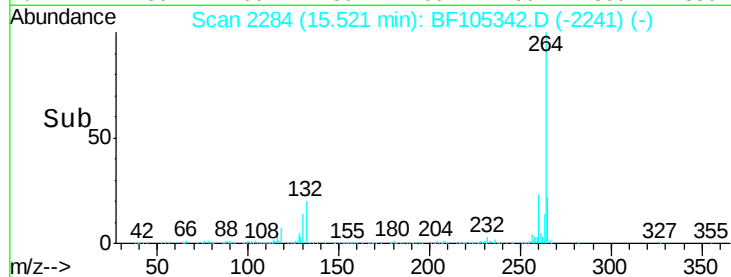
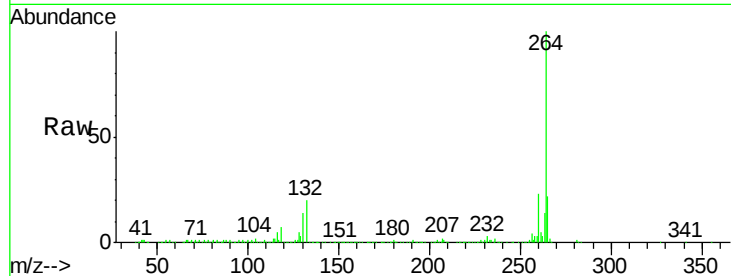
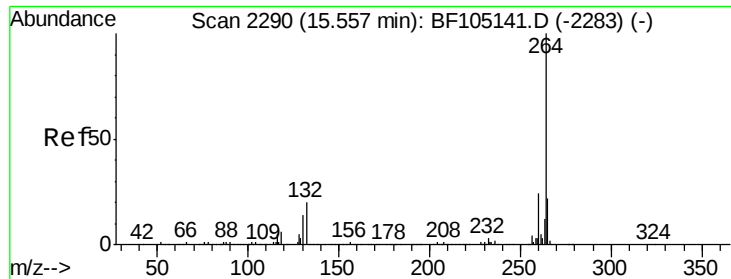
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.8	85.2
206	18.3	14.1	21.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 129.02 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	4.4	3.0	4.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.05 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	17.5	26.3

