

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105341.D
 Acq On : 12 May 2018 16:55
 Operator : JU/SJ
 Sample : J2870-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:50:59 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

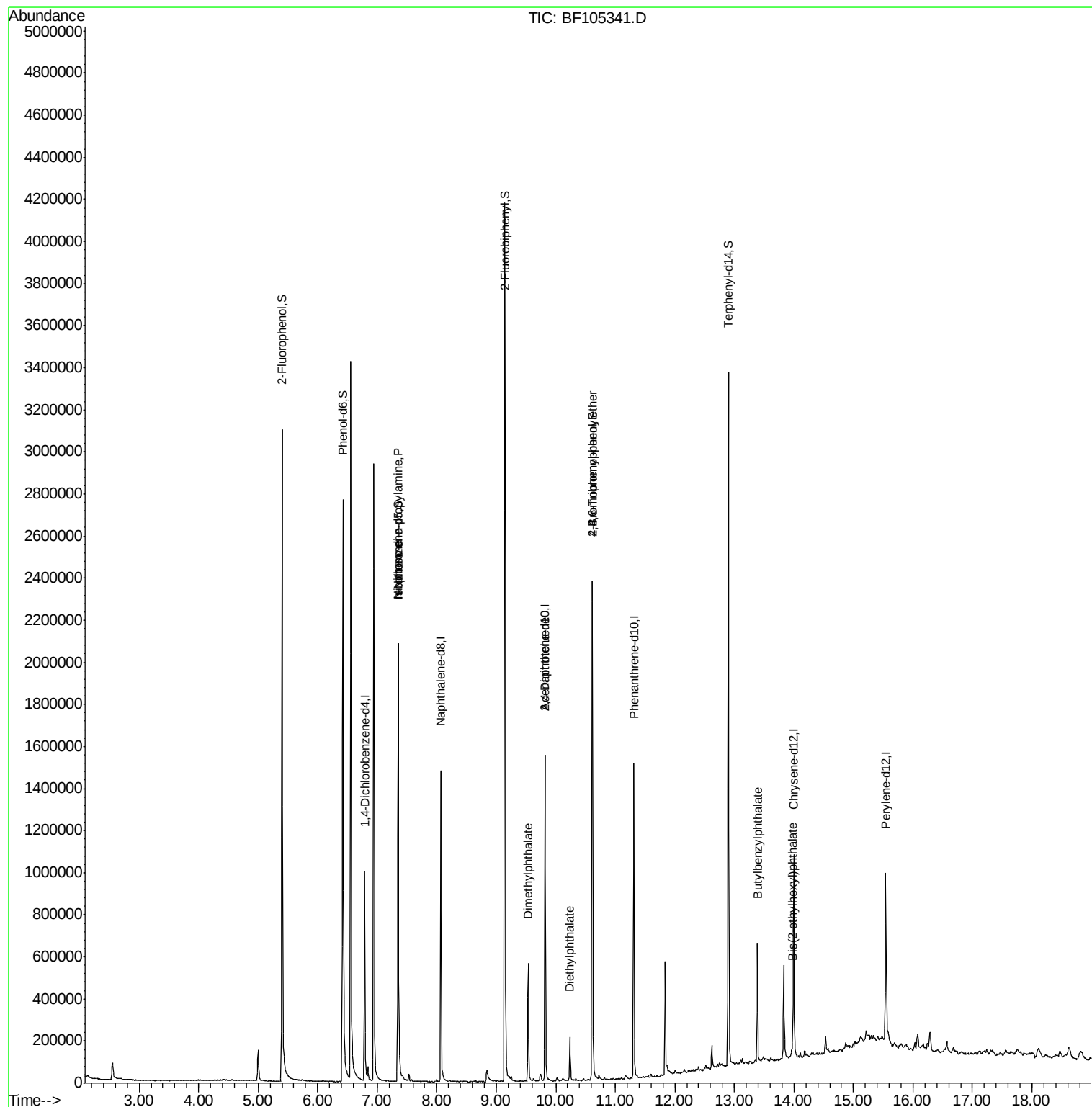
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	156246	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	661961	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	294052	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	529058	20.00	ng	0.00
75) Chrysene-d12	14.00	240	334132	20.00	ng	-0.02
86) Perylene-d12	15.54	264	384787	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	990406	95.34	ng	0.00
7) Phenol-d6	6.43	99	1227741	99.46	ng	0.00
23) Nitrobenzene-d5	7.35	82	780862	68.66	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	357818	94.19	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1344276	65.89	ng	0.00
78) Terphenyl-d14	12.90	244	1177673	75.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	102513	13.14	ng	# 82
25) Isophorone	7.35	82	780859	36.27	ng	# 64
49) Dimethylphthalate	9.54	163	218819	9.69	ng	99
56) 2,4-Dinitrotoluene	9.82	165	37710	5.83	ng	# 24
59) Diethylphthalate	10.24	149	72643	3.23	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	19709	3.35	ng	# 1
79) Butylbenzylphthalate	13.39	149	131950	11.62	ng	94
83) Bis(2-ethylhexyl)phthalate	13.98	149	42380	3.08	ng	# 98

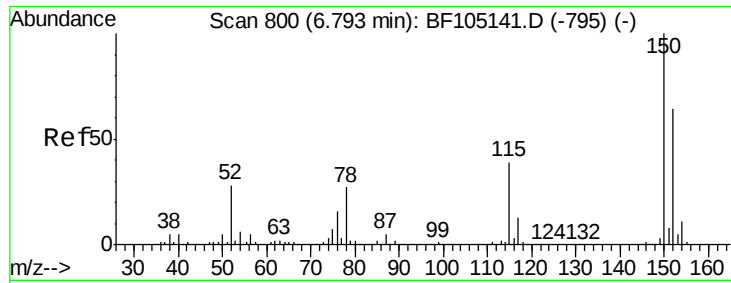
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105341.D
Acq On : 12 May 2018 16:55
Operator : JU/SJ
Sample : J2870-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 14 06:50:59 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



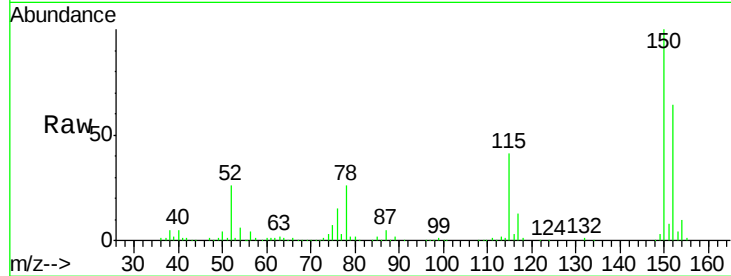


#1

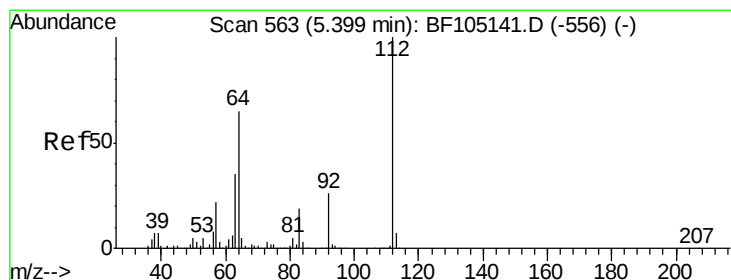
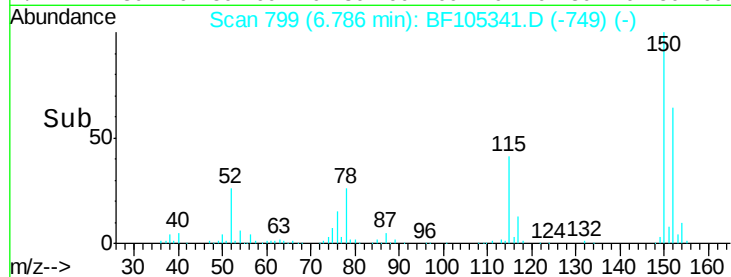
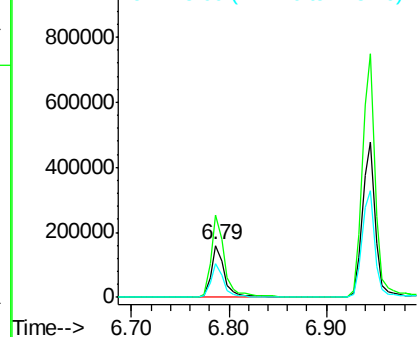
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105341.D
Acq: 12 May 2018 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 156246
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 64.8 50.1 75.1



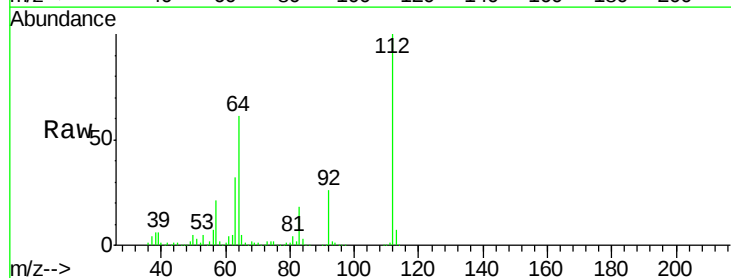
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



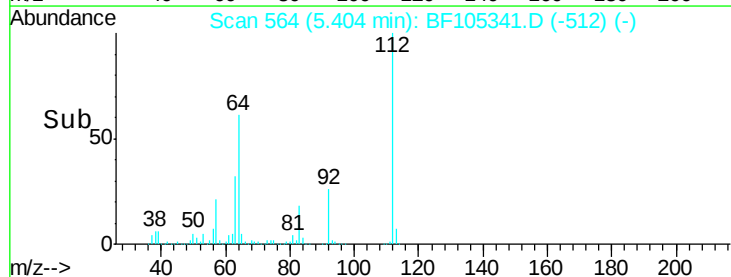
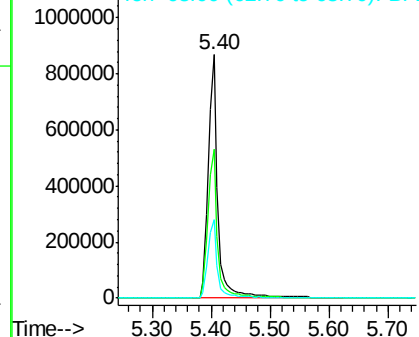
#5

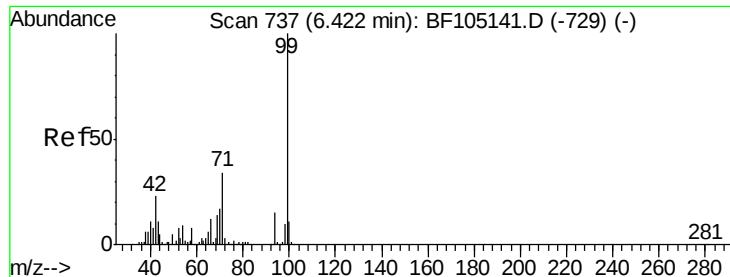
2-Fluorophenol
Concen: 95.34 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF105341.D
Acq: 12 May 2018 16:55

Tgt Ion:112 Resp: 990406
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 32.4 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: 99.46 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105341.D

Acq: 12 May 2018 16:55

Instrument :

BNA_F

ClientSampleId :

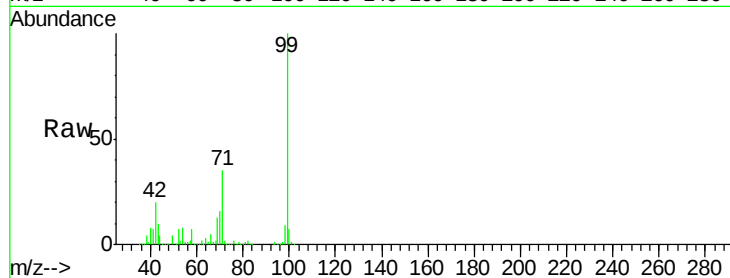
Tot Ion: 99 Resp: 1227741

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

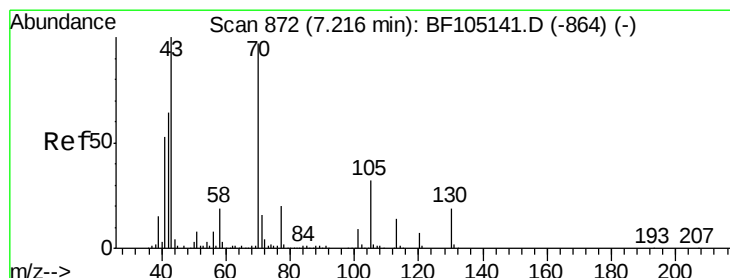
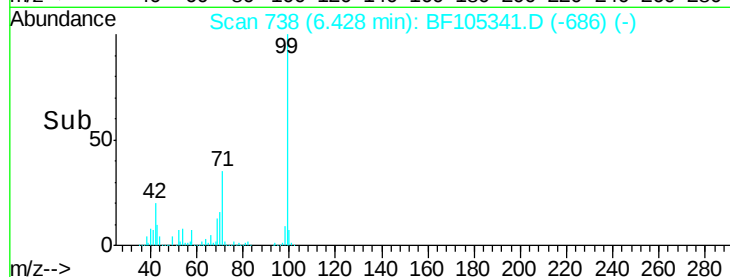
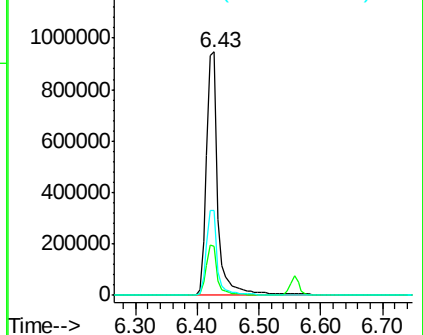
71 34.7 25.4 38.0



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: 13.14 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF105341.D

Acq: 12 May 2018 16:55

Tgt Ion: 70 Resp: 102513

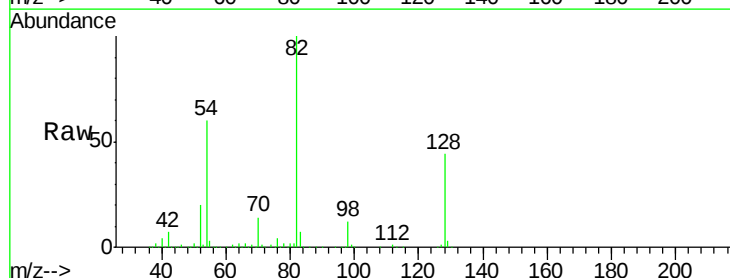
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

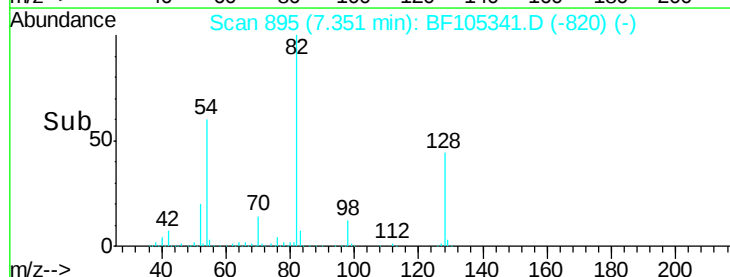
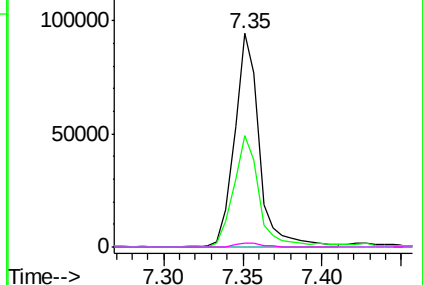


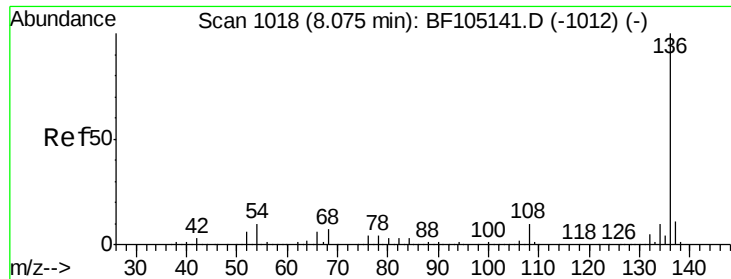
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

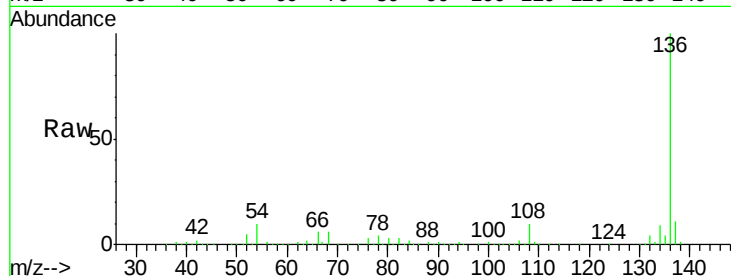




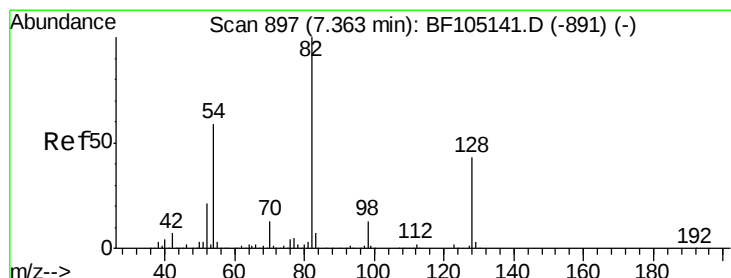
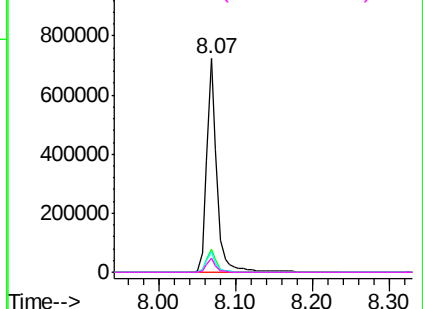
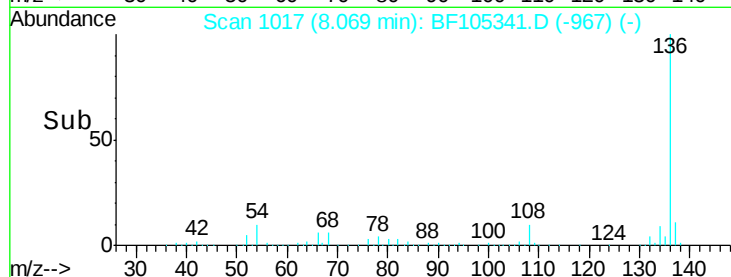
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105341.D
Acq: 12 May 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	661961
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.6	6.6 9.8
68	6.4	5.0 7.4

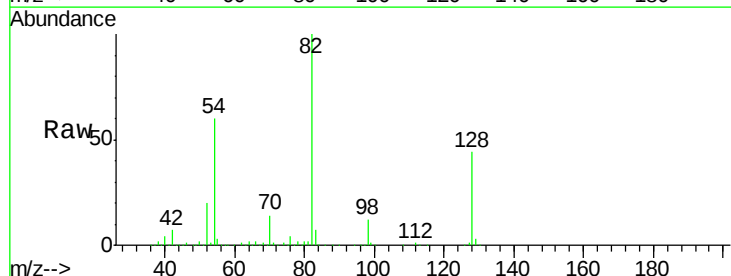


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

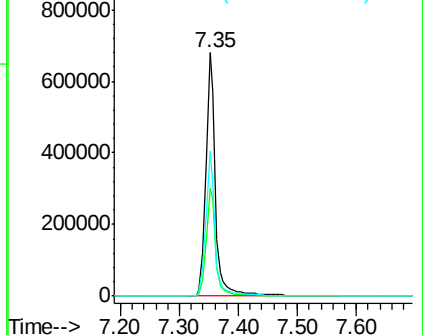
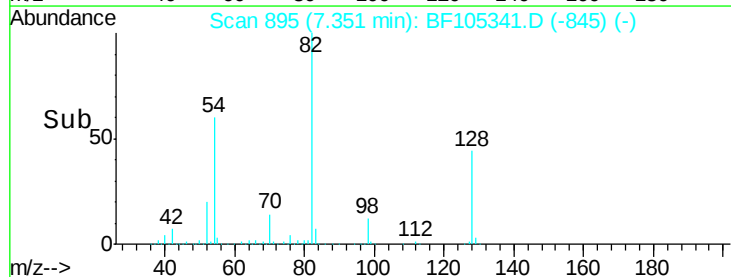


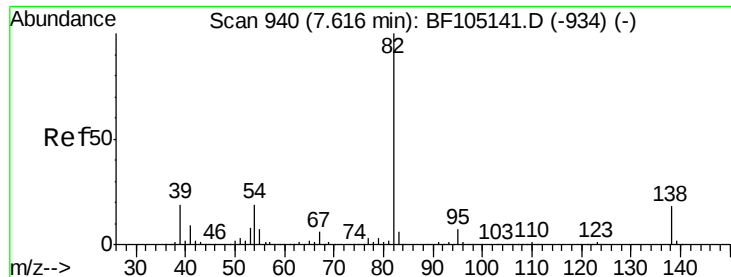
#23
Nitrobenzene-d5
Concen: 68.66 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF105341.D
Acq: 12 May 2018 16:55

Tgt Ion: 82	Resp:	780862
Ion Ratio	Lower	Upper
82	100	
128	44.2	36.1 54.1
54	59.5	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: 36.27 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF105341.D

Acq: 12 May 2018 16:55

Instrument :

BNA_F

ClientSampled :

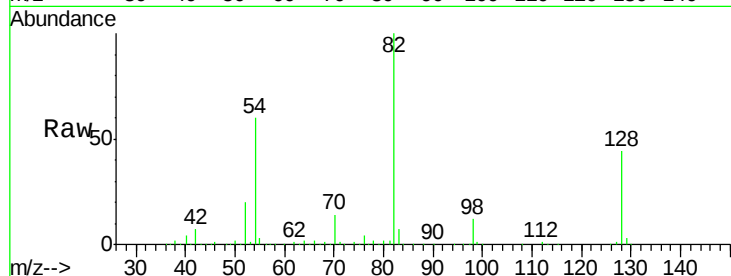
Tot Ion: 82 Resp: 780859

Ion Ratio Lower Upper

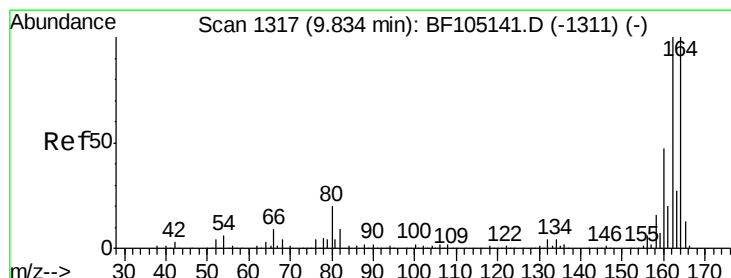
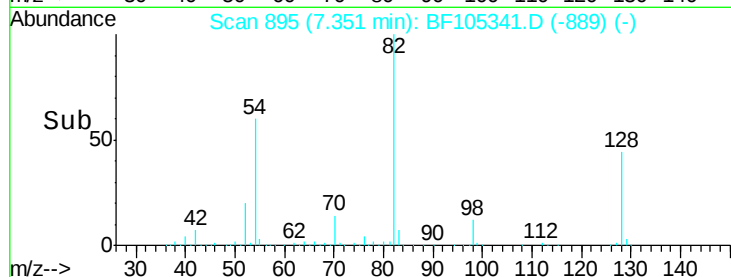
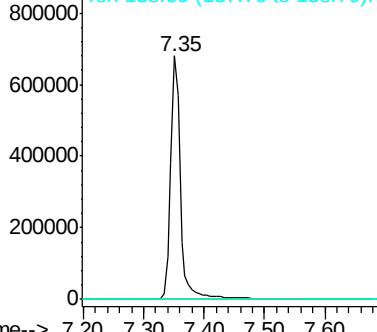
82 100

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: BF105341.D

Acq: 12 May 2018 16:55

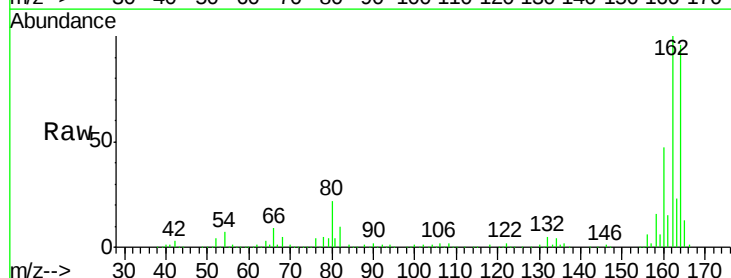
Tgt Ion: 164 Resp: 294052

Ion Ratio Lower Upper

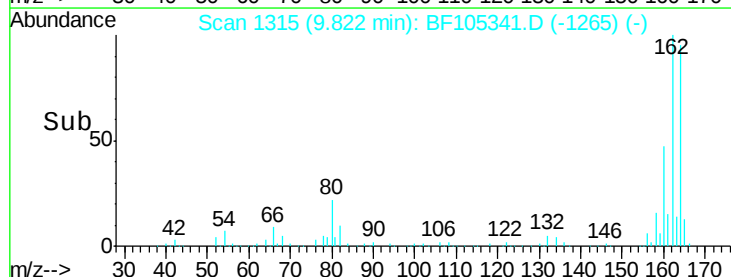
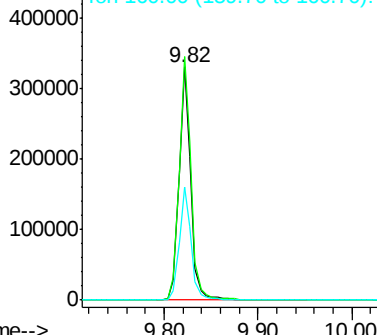
164 100

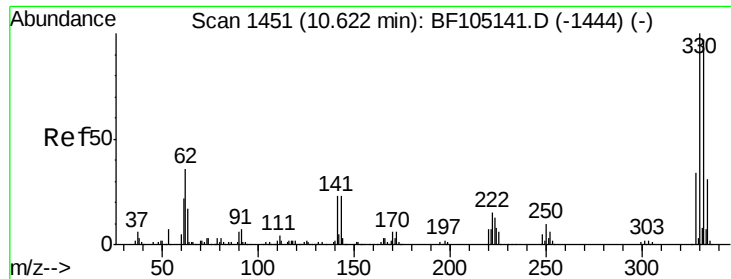
162 104.5 86.1 129.1

160 48.7 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

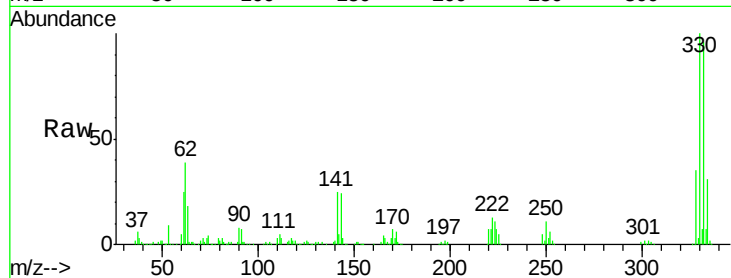




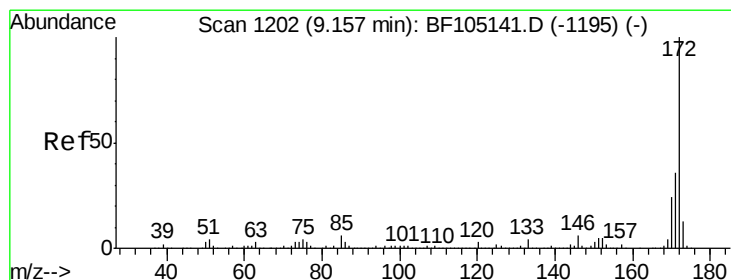
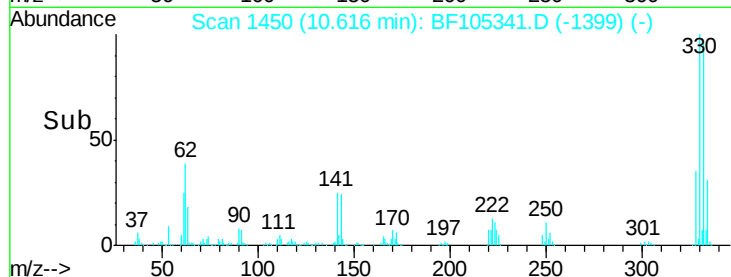
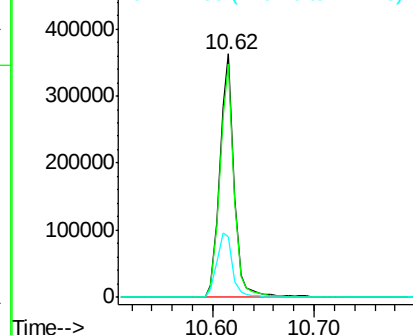
#41
 2,4,6-Tribromophenol
 Concen: 94.19 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF105341.D
 Acq: 12 May 2018 16:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	29.8	29.9	44.9#

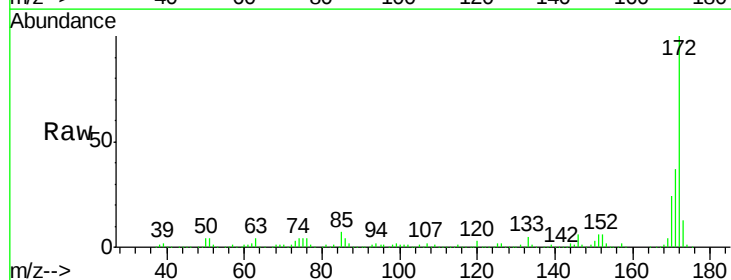


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

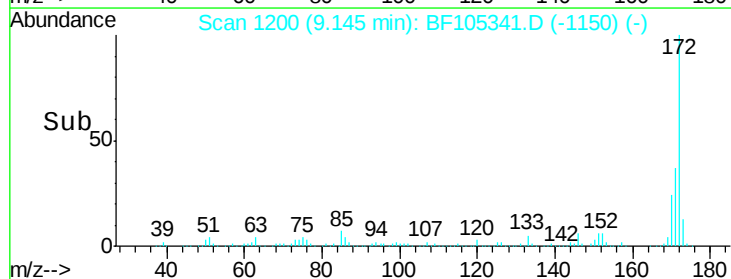
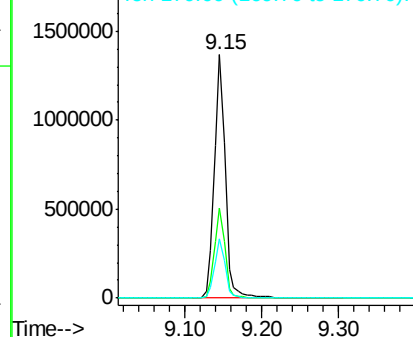


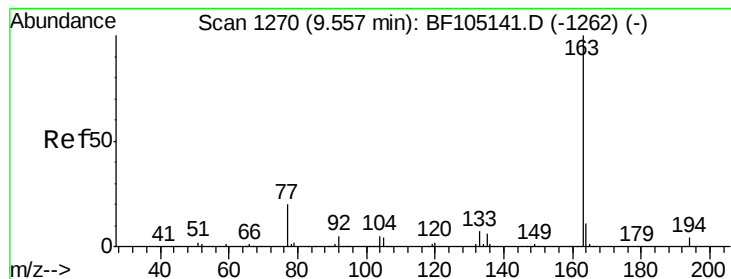
#44
 2-Fluorobiphenyl
 Concen: 65.89 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105341.D
 Acq: 12 May 2018 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.3	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: 9.69 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF105341.D

Acq: 12 May 2018 16:55

Instrument :

BNA_F

ClientSampleId :

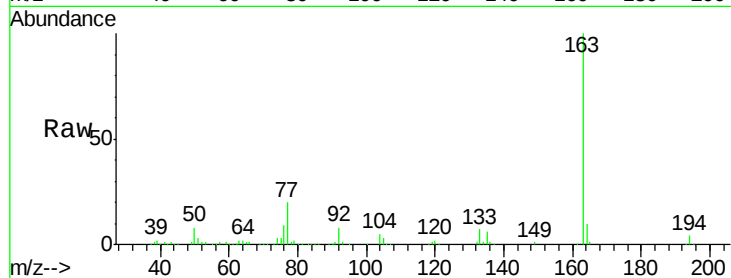
Tot Ion:163 Resp: 218819

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

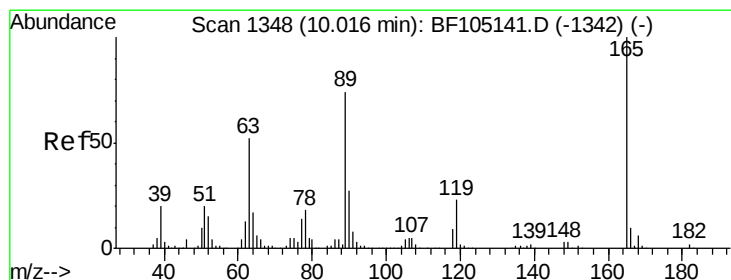
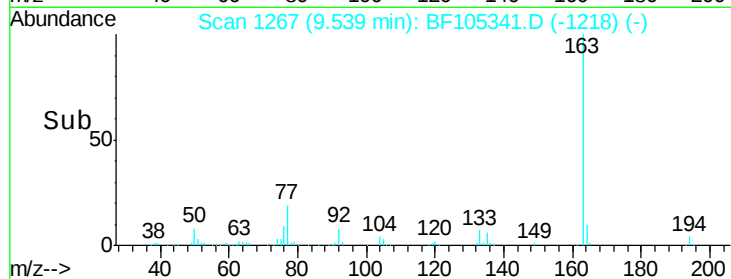
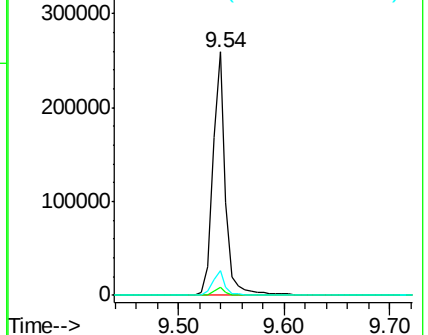
164 10.0 8.2 12.2



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: 5.83 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF105341.D

Acq: 12 May 2018 16:55

Tgt Ion:165 Resp: 37710

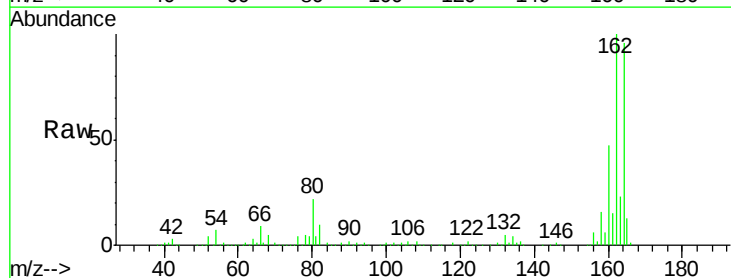
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#

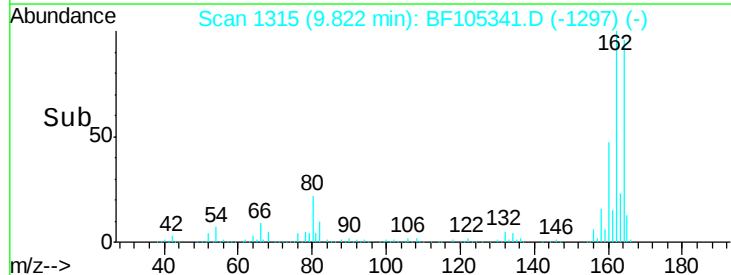
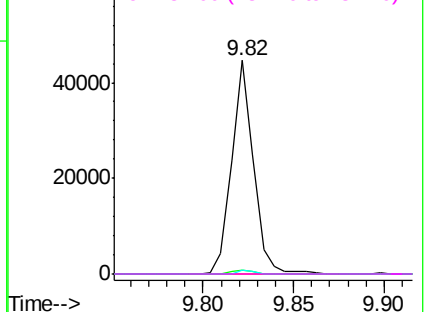


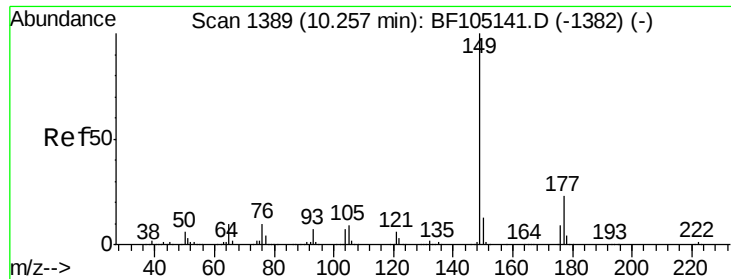
Abundance Ion 165.00 (164.70 to 165.70): E

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

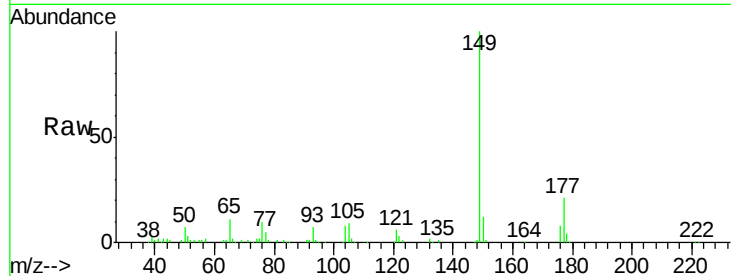




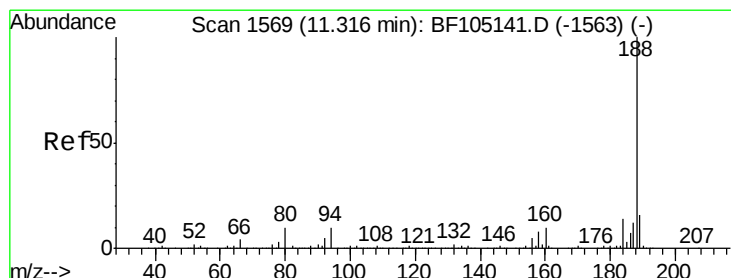
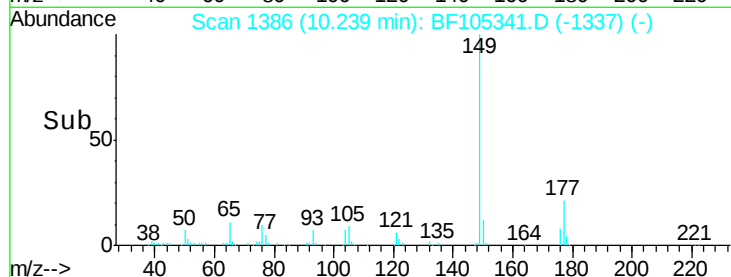
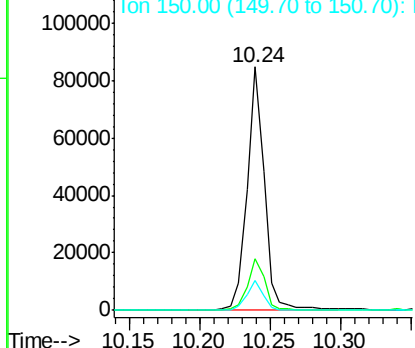
#59
Diethylphthalate
Concen: 3.23 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF105341.D
Acq: 12 May 2018 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 72643
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.4 10.1 15.1

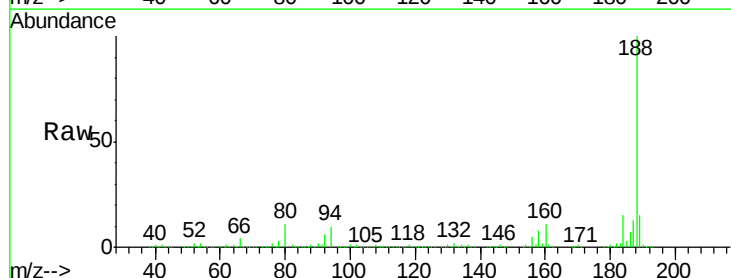


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

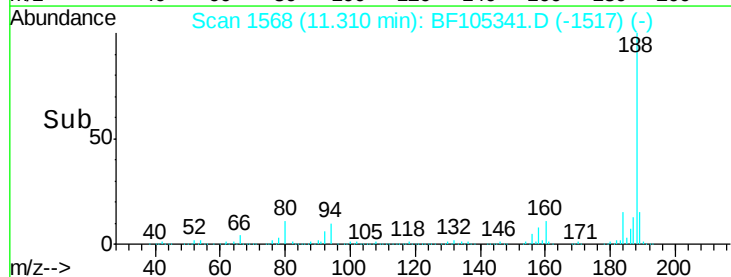
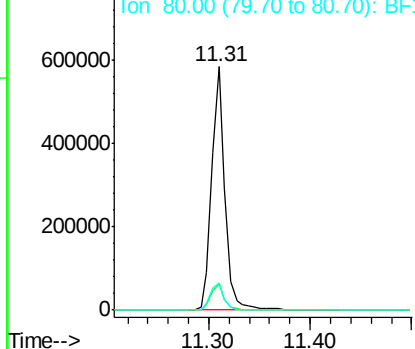


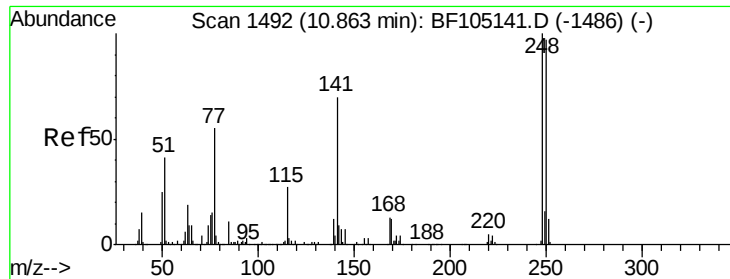
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF105341.D
Acq: 12 May 2018 16:55

Tgt Ion:188 Resp: 529058
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 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

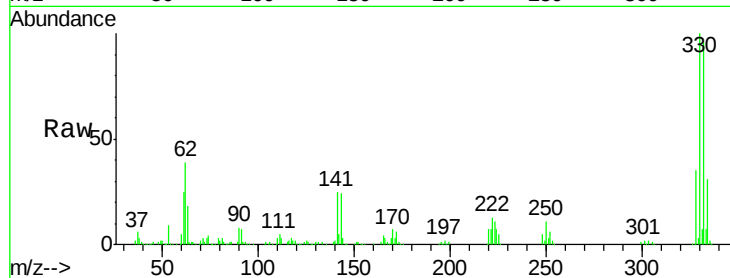




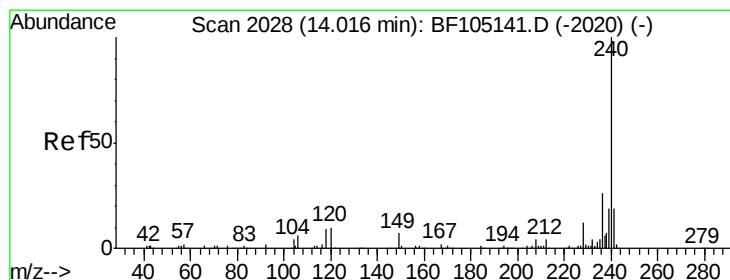
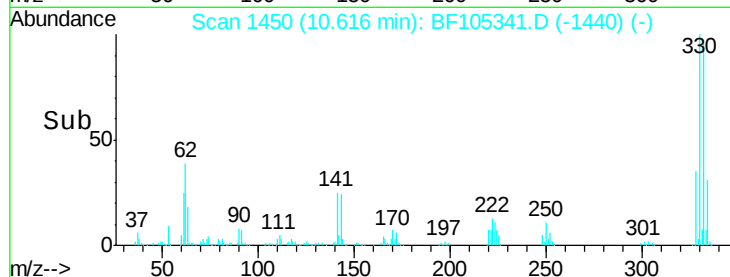
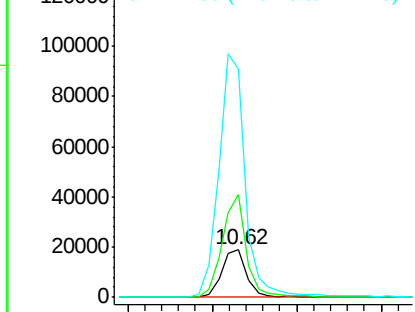
#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF105341.D
Acq: 12 May 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19709
Ion Ratio Lower Upper
248 100
250 215.6 76.9 115.3#
141 480.1 74.4 111.6#

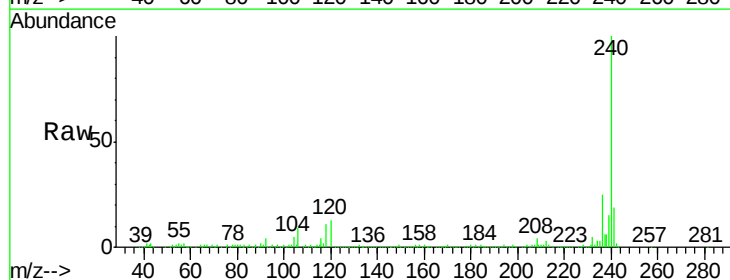


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

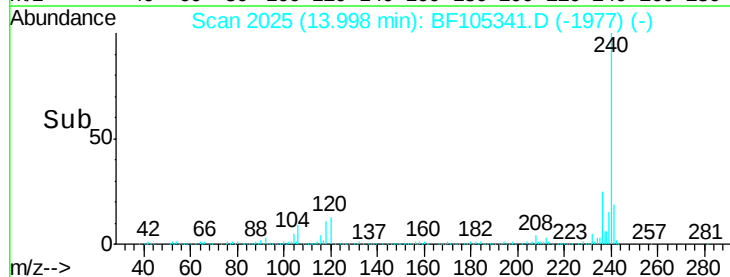
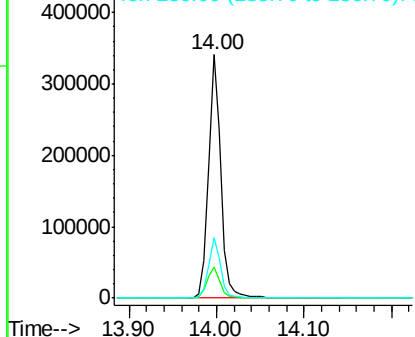


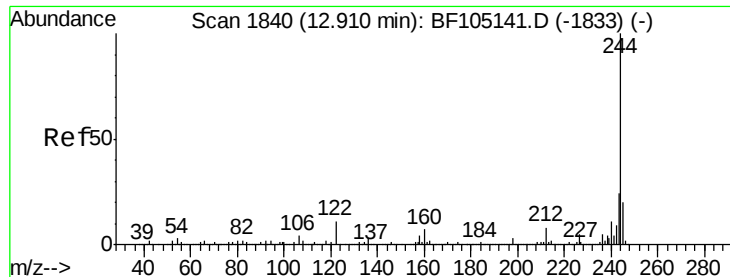
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105341.D
Acq: 12 May 2018 16:55

Tgt Ion:240 Resp: 334132
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 24.9 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: 75.77 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF105341.D

Acq: 12 May 2018 16:55

Instrument :

BNA_F

ClientSampleId :

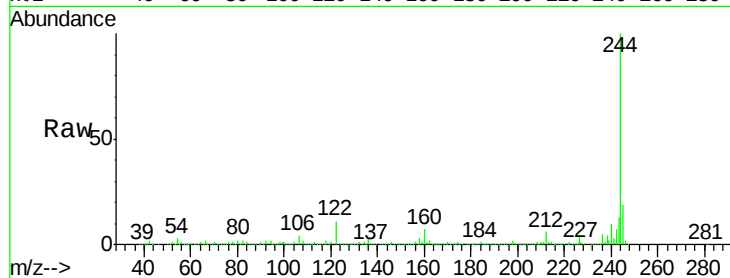
Tot Ion:244 Resp: 1177673

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

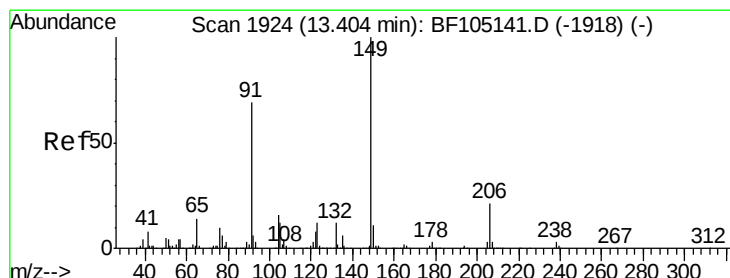
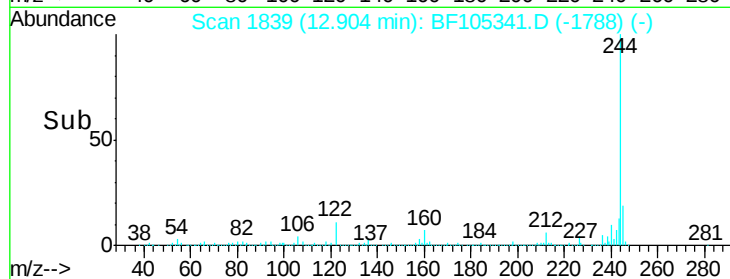
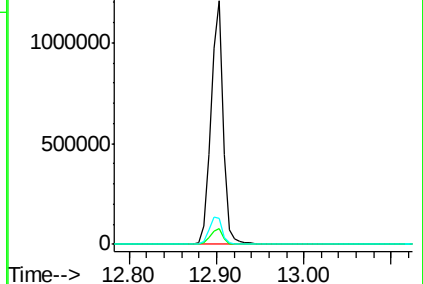
122 10.9 11.0 16.4#



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: 11.62 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF105341.D

Acq: 12 May 2018 16:55

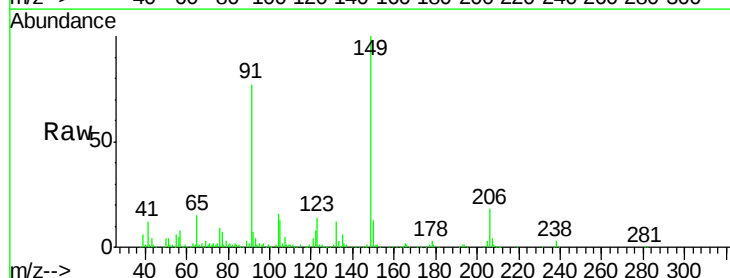
Tgt Ion:149 Resp: 131950

Ion Ratio Lower Upper

149 100

91 76.6 56.8 85.2

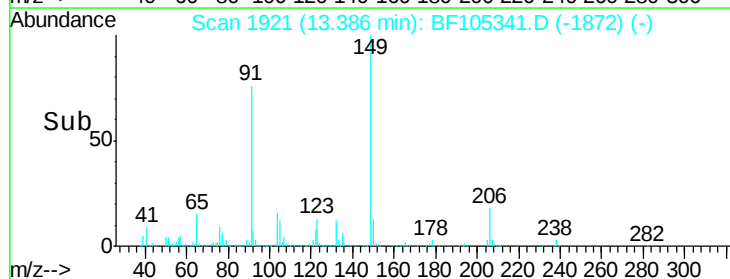
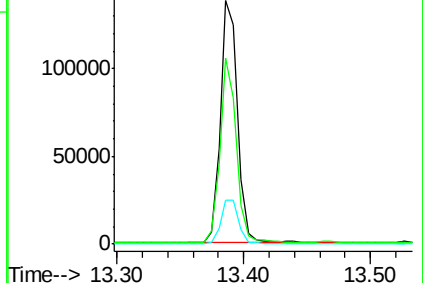
206 18.0 14.1 21.1

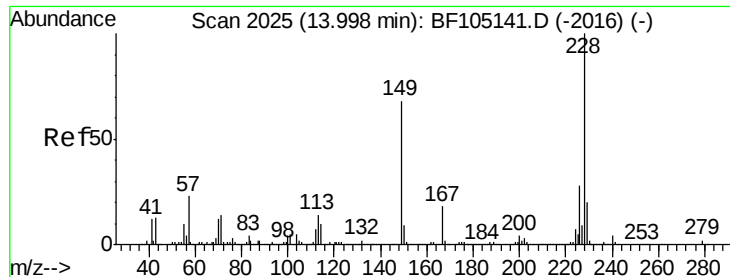


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

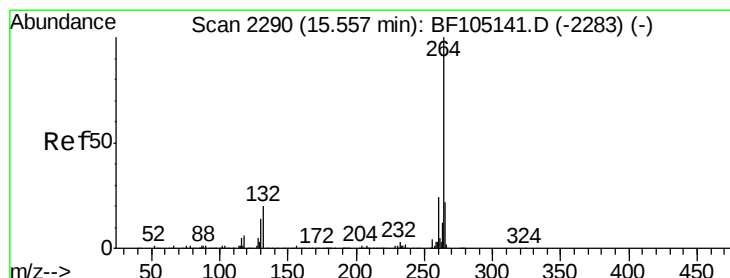
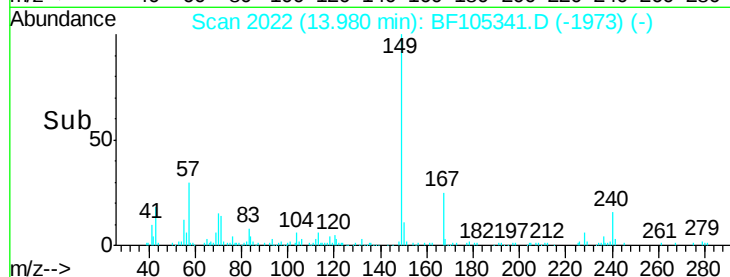
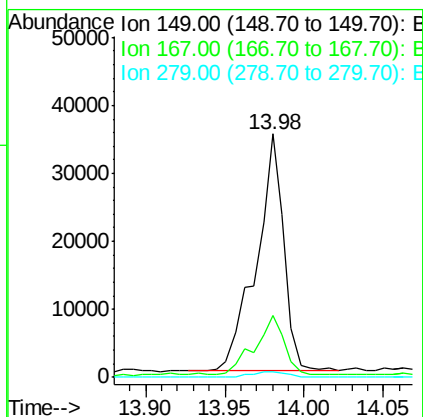
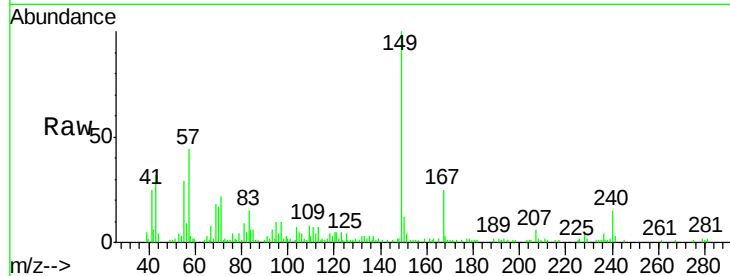




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.08 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF105341.D
 Acq: 12 May 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 42380
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.3 31.9
 279 2.4 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BF105341.D
 Acq: 12 May 2018 16:55

Tgt Ion:264 Resp: 384787
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.5 26.3

