

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105339.D
 Acq On : 12 May 2018 16:02
 Operator : JU/SJ
 Sample : J2870-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:50:13 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

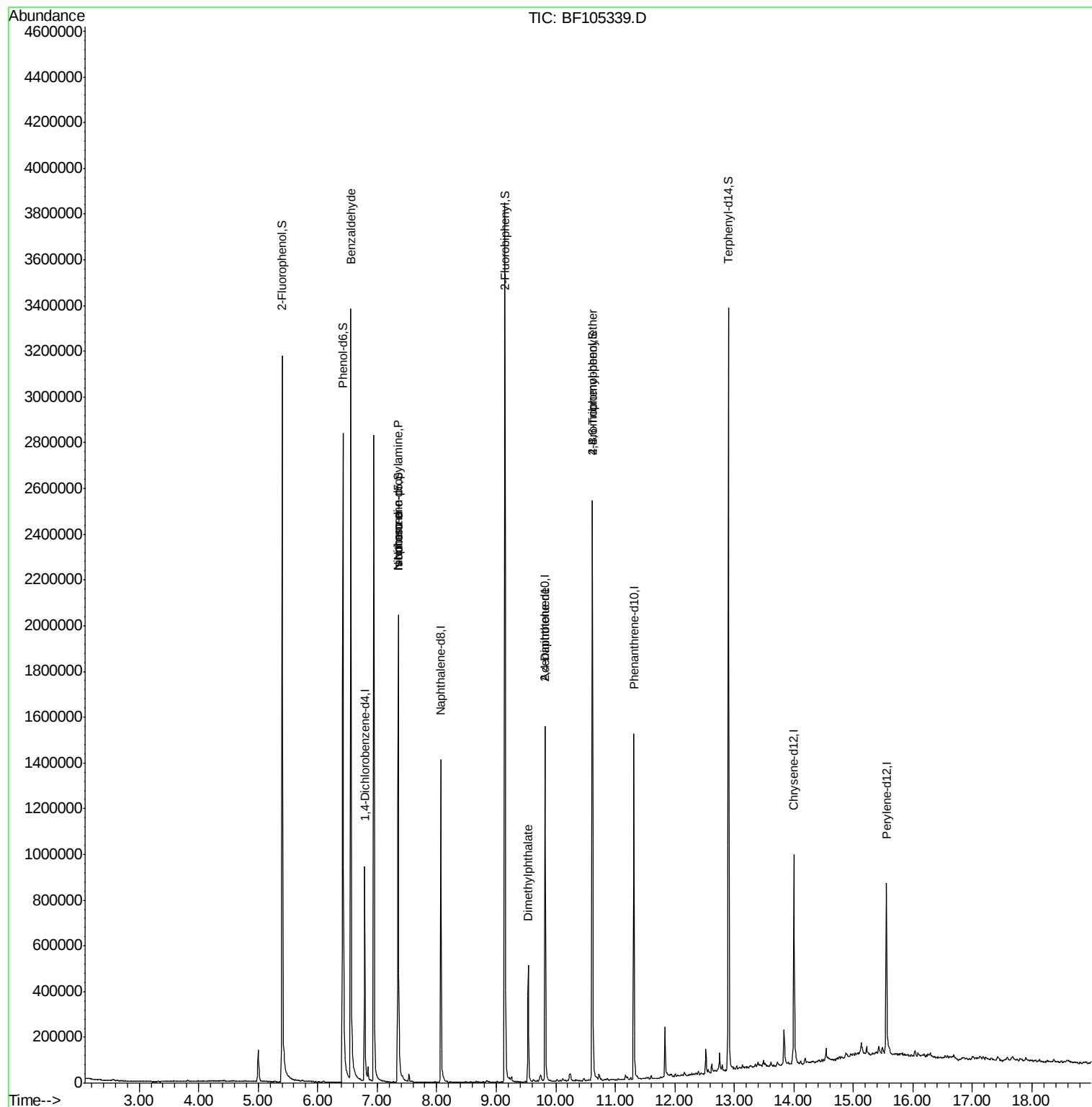
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153044	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	650608	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	291866	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	537312	20.00	ng	0.00
75) Chrysene-d12	14.00	240	334030	20.00	ng	-0.01
86) Perylene-d12	15.56	264	364896	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	986647	96.96	ng	0.00
7) Phenol-d6	6.43	99	1234153	102.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	770133	68.89	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	365882	97.03	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1256229	62.04	ng	0.00
78) Terphenyl-d14	12.90	244	1181945	76.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	22646	2.75	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.35	70	102422	13.40	ng	# 85
25) Isophorone	7.35	82	770126	36.40	ng	# 64
49) Dimethylphthalate	9.54	163	205972	9.19	ng	99
56) 2,4-Dinitrotoluene	9.82	165	36370	5.67	ng	# 24
66) 4-Bromophenyl-phenylether	10.62	248	19936	3.34	ng	# 1

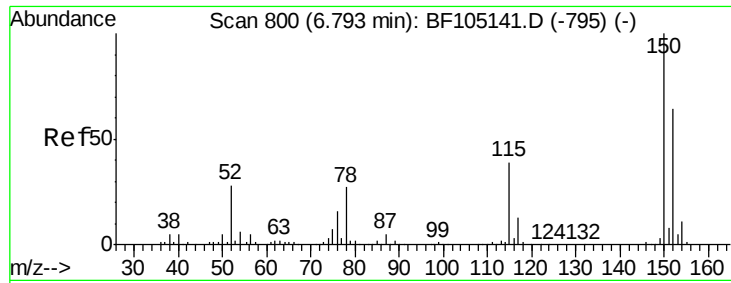
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105339.D
Acq On : 12 May 2018 16:02
Operator : JU/SJ
Sample : J2870-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 14 06:50:13 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



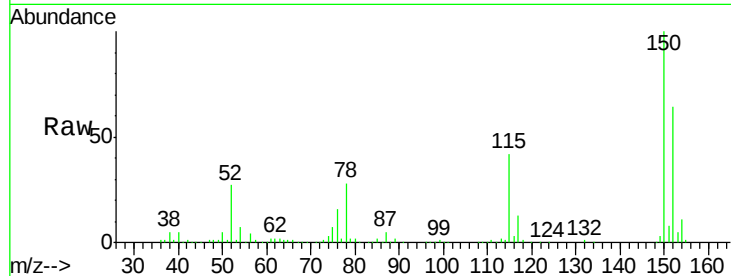


#1

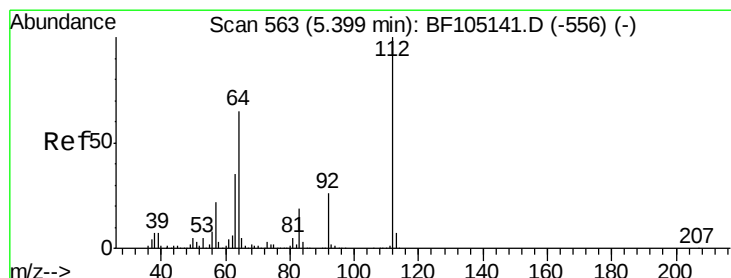
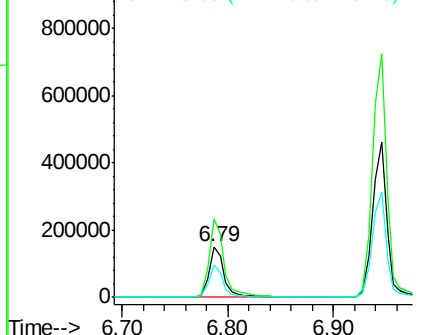
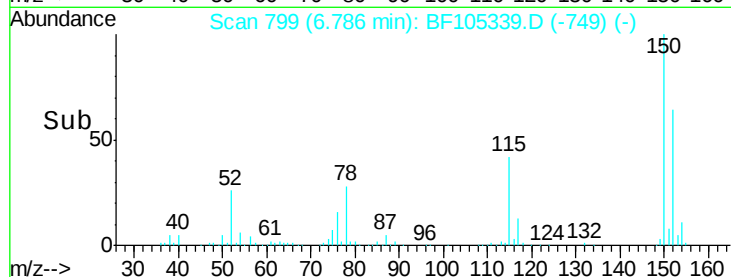
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF105339.D
 Acq: 12 May 2018 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 153044
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 64.5 50.1 75.1



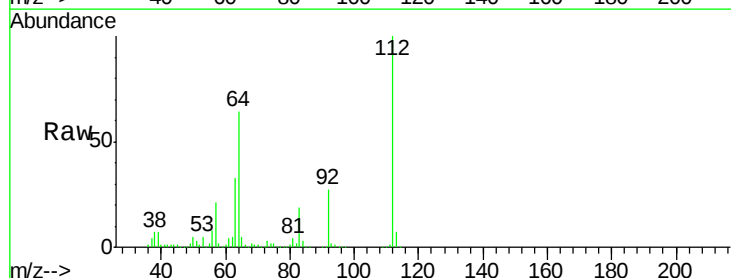
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



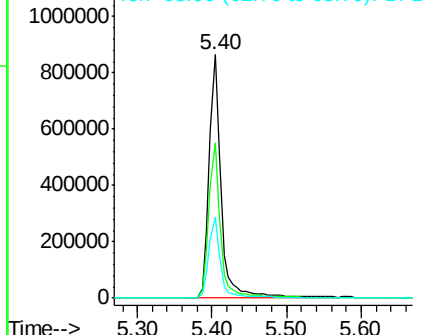
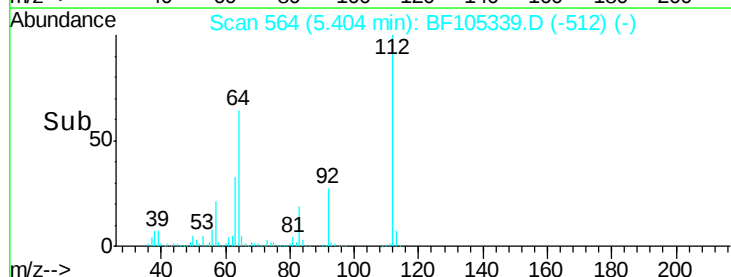
#5

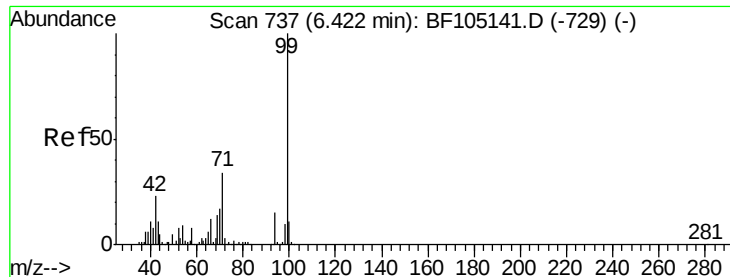
2-Fluorophenol
 Concen: 96.96 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF105339.D
 Acq: 12 May 2018 16:02

Tgt Ion:112 Resp: 986647
 Ion Ratio Lower Upper
 112 100
 64 63.8 47.9 71.9
 63 33.5 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: 102.07 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

Instrument :

BNA_F

ClientSampleId :

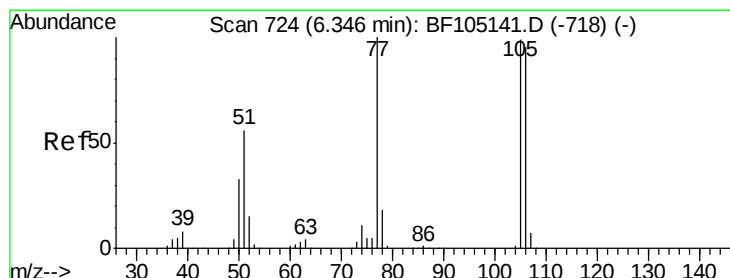
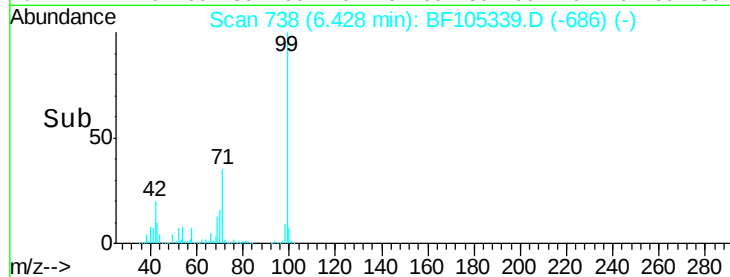
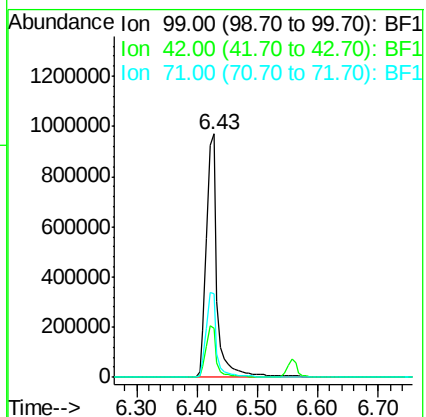
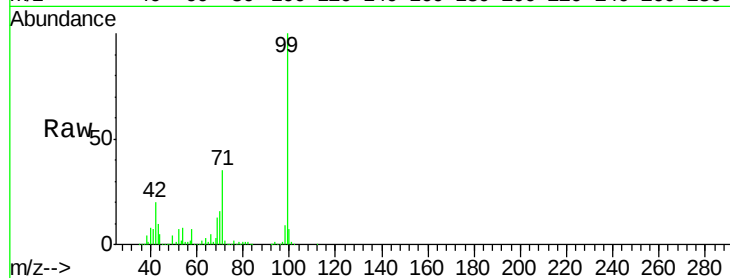
Tot Ion: 99 Resp: 1234153

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 34.6 25.4 38.0



#9

Benzaldehyde

Concen: 2.75 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

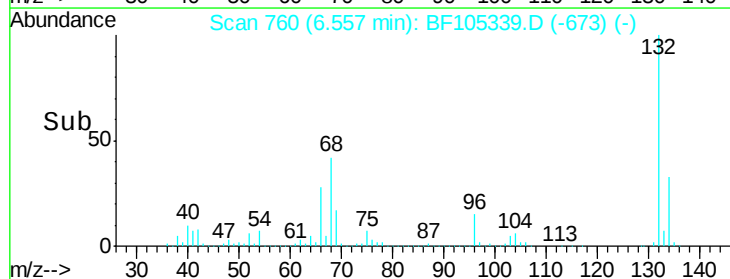
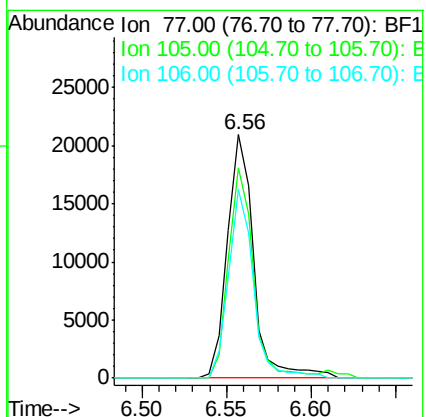
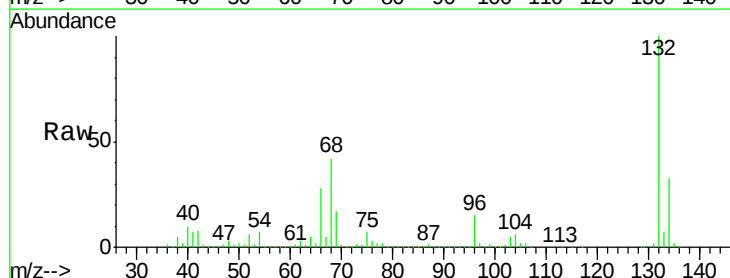
Tgt Ion: 77 Resp: 22646

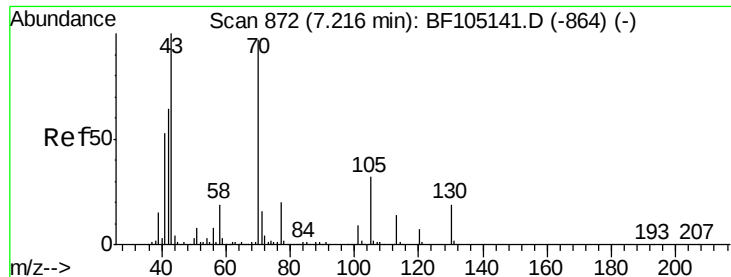
Ion Ratio Lower Upper

77 100

105 86.2 81.1 121.1

106 77.3 74.5 114.5

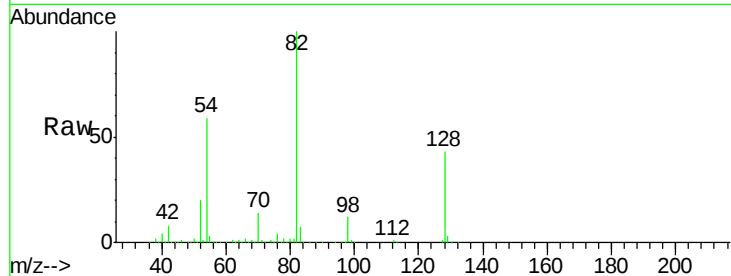




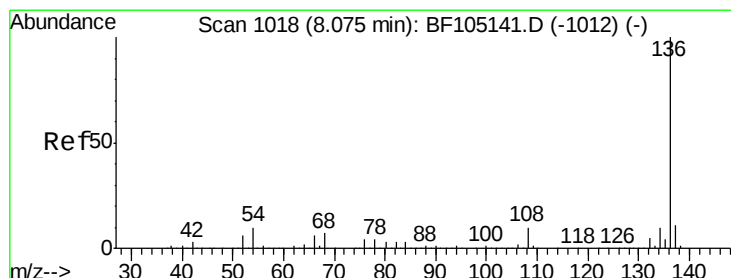
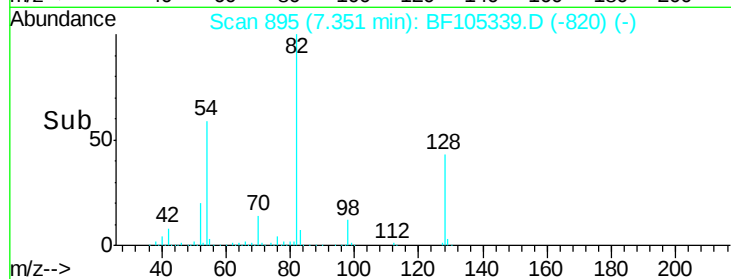
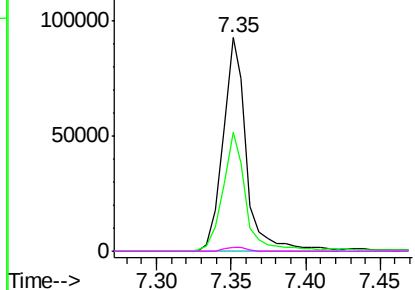
#19
n-Nitroso-di-n-propylamine
Concen: 13.40 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 102422
Ion Ratio Lower Upper
70 100
42 55.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

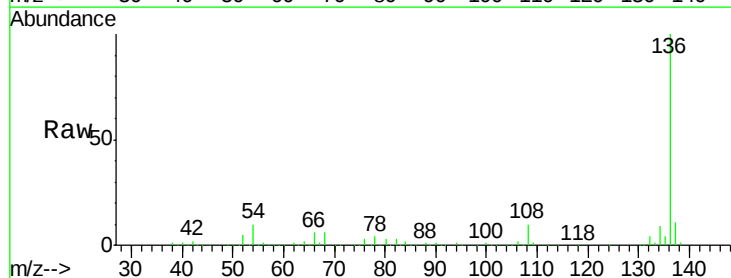


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

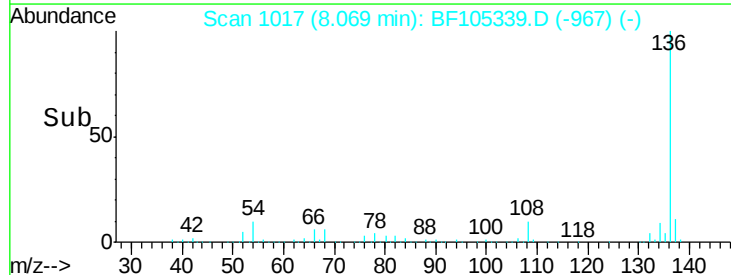
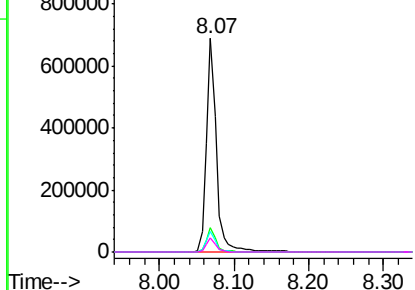


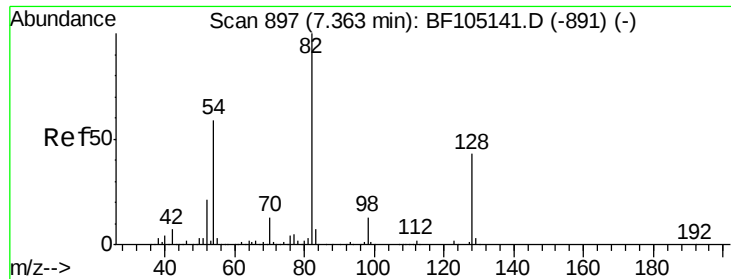
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Tgt Ion: 136 Resp: 650608
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.8 6.6 9.8
68 6.5 5.0 7.4



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

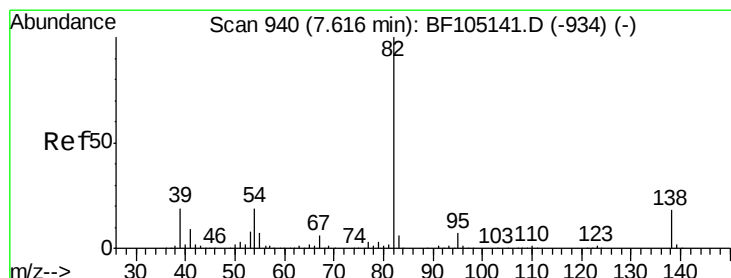
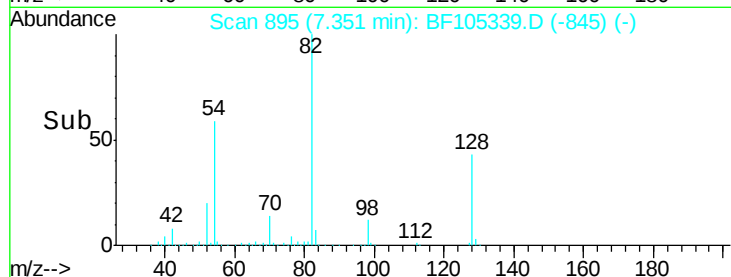
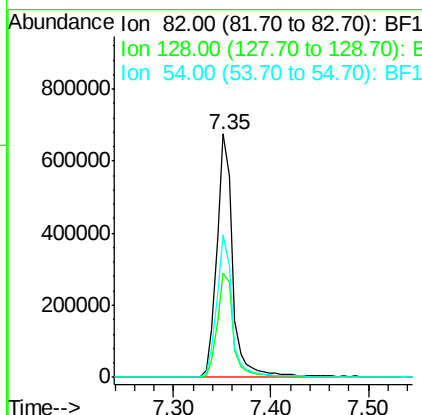
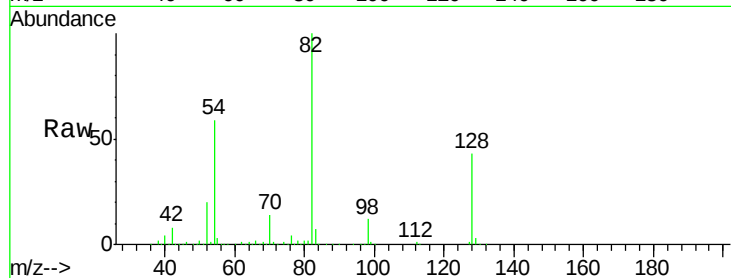




#23
 Nitrobenzene-d5
 Concen: 68.89 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF105339.D
 Acq: 12 May 2018 16:02

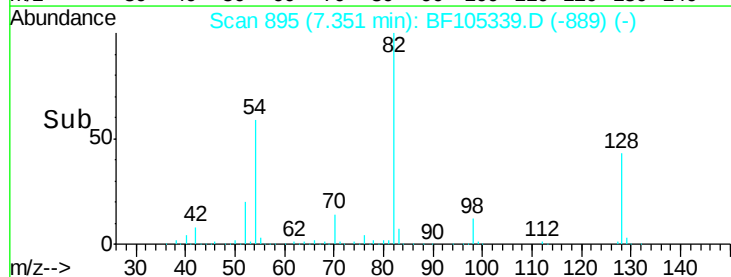
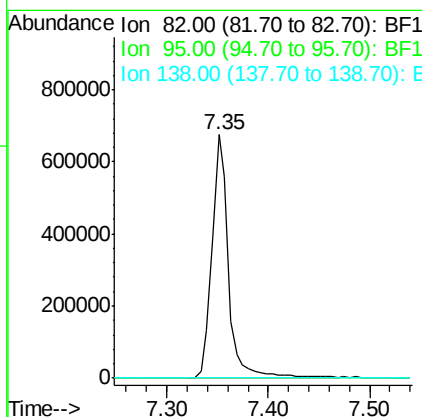
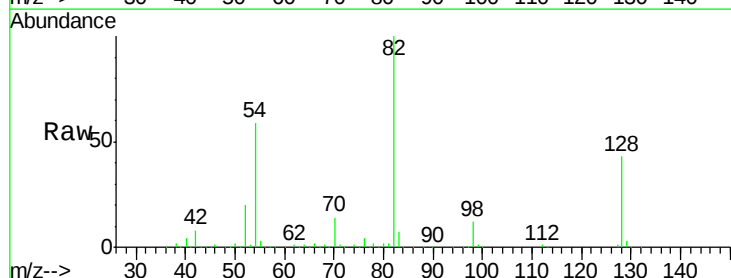
Instrument :
 BNA_F
 ClientSampleId :

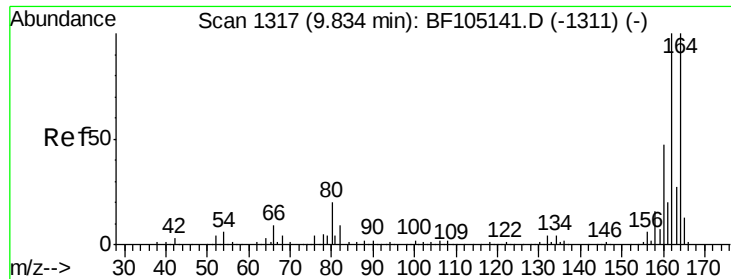
Tot Ion	82	Resp	770133
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	58.6	41.4	62.2



#25
 Isophorone
 Concen: 36.40 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BF105339.D
 Acq: 12 May 2018 16:02

Tgt Ion	82	Resp	770126
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

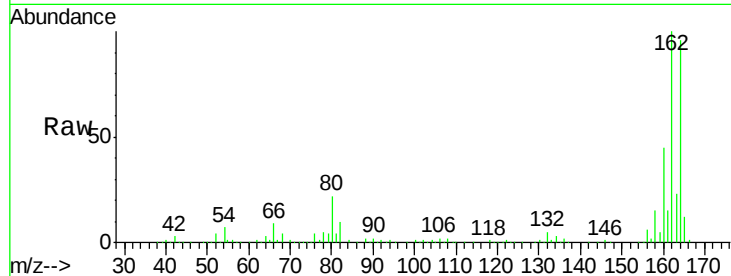




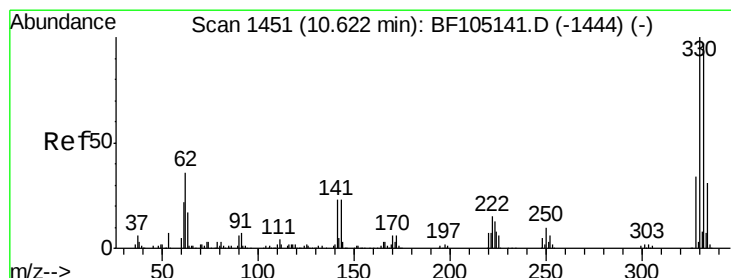
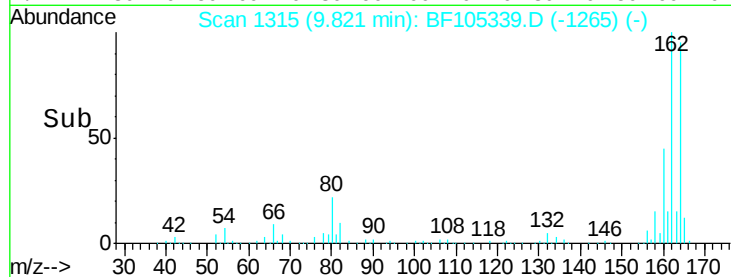
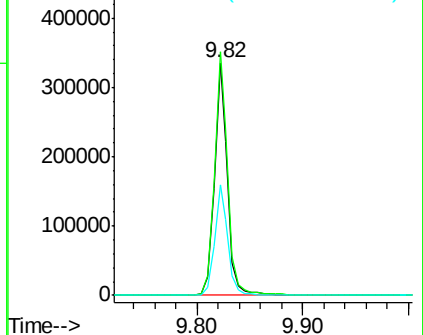
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 291866
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 47.2 38.3 57.5

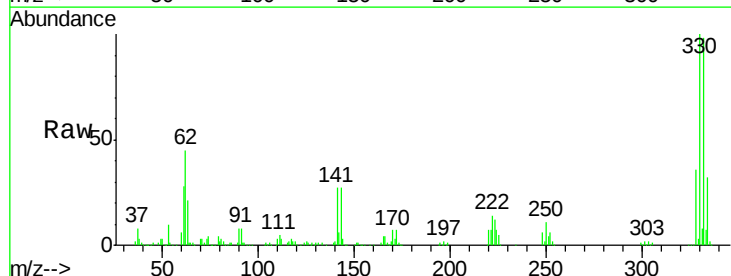


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

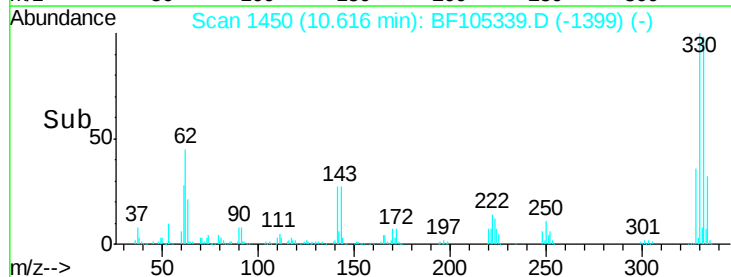
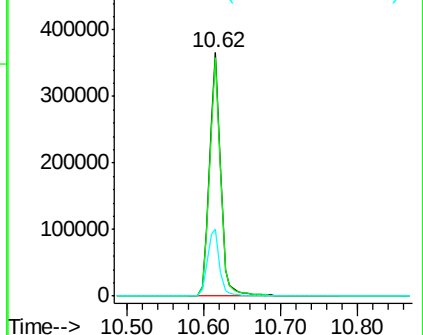


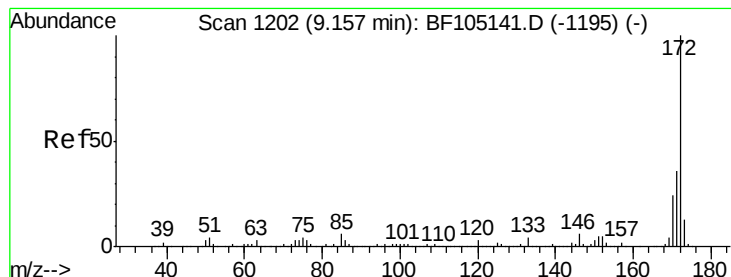
#41
2,4,6-Tribromophenol
Concen: 97.03 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Tgt Ion:330 Resp: 365882
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 29.7 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

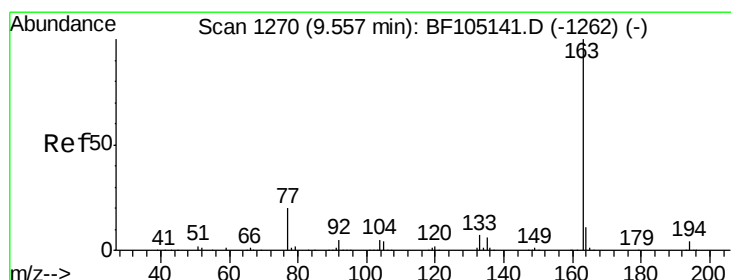
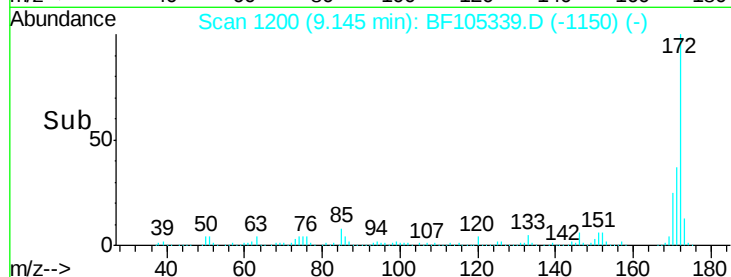
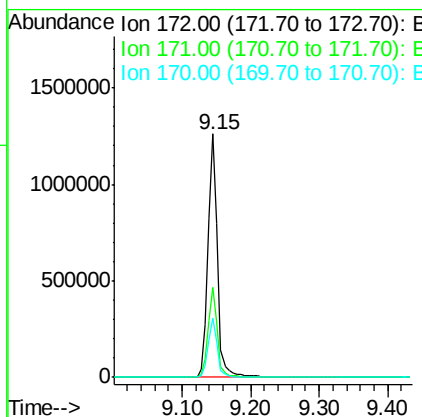
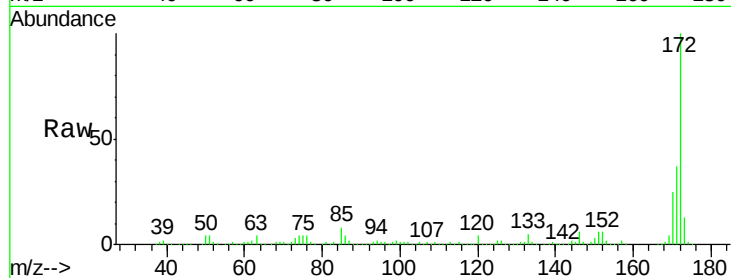




#44
2-Fluorobiphenyl
Concen: 62.04 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

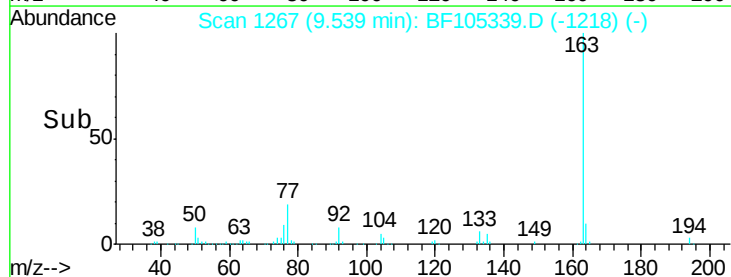
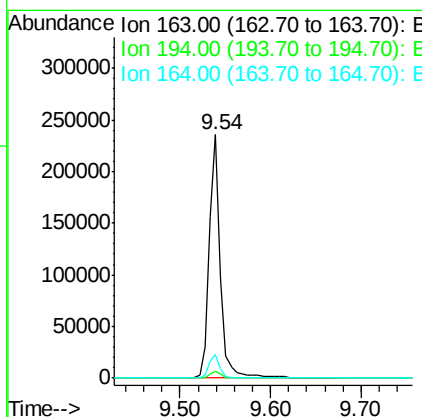
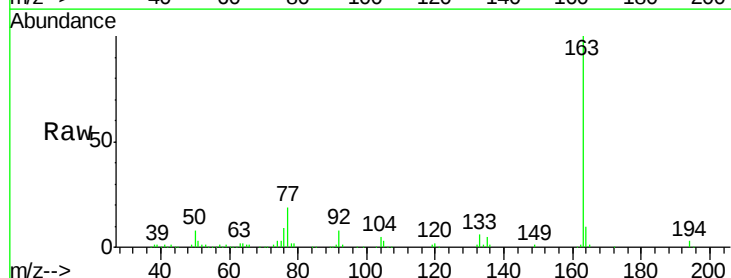
Instrument :
BNA_F
ClientSampleId :

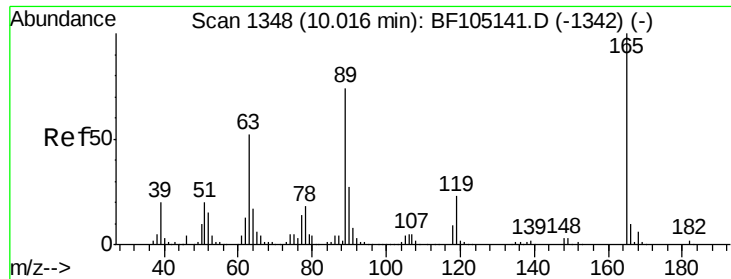
Tot Ion:172 Resp: 1256229
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.6 19.6 29.4



#49
Dimethylphthalate
Concen: 9.19 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Tgt Ion:163 Resp: 205972
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.6 8.2 12.2

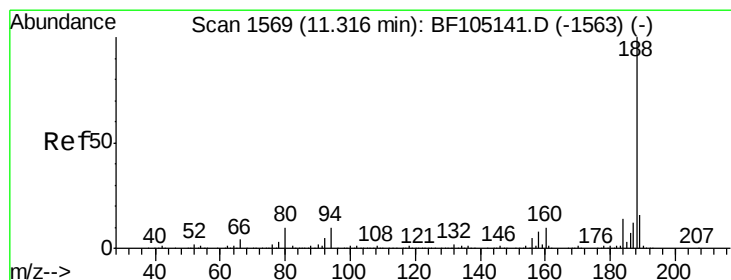
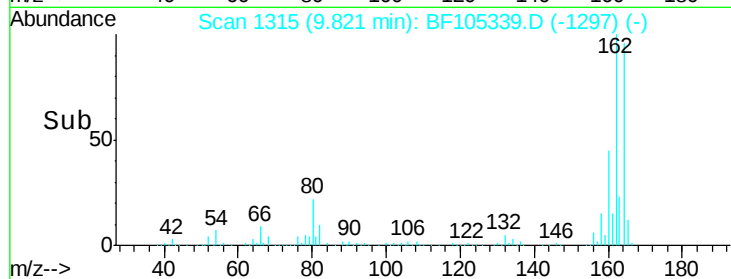
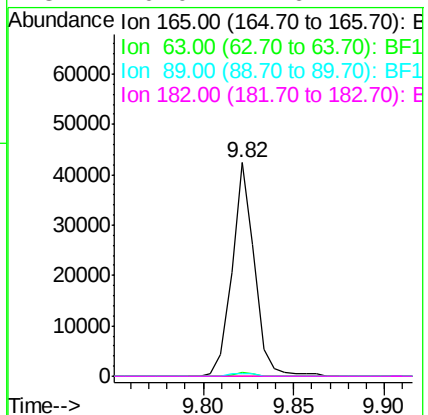
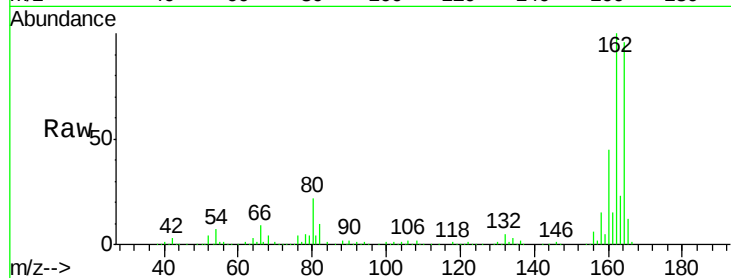




#56
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

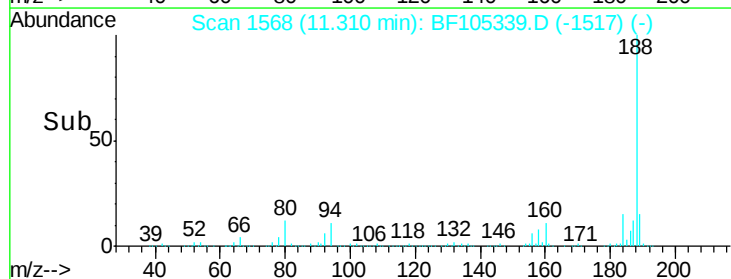
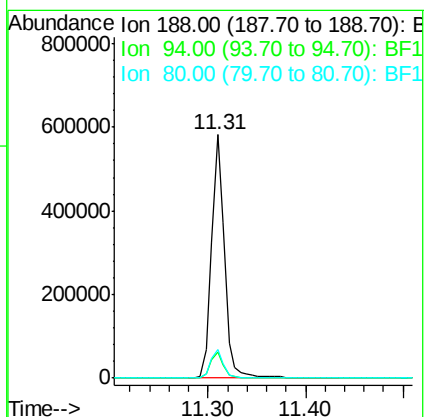
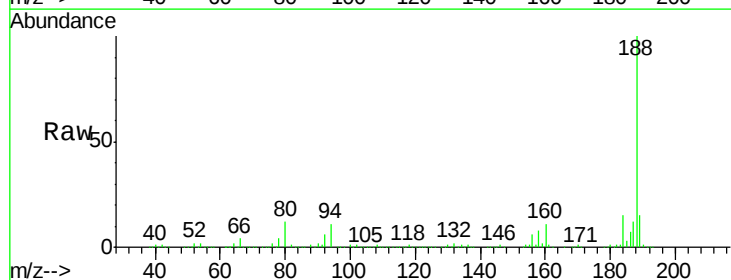
Instrument :
BNA_F
ClientSampleId :

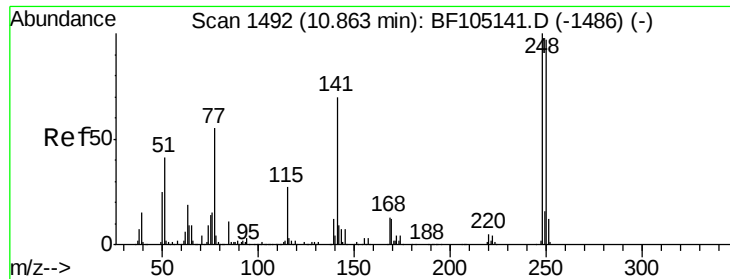
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.9	9.2	13.8

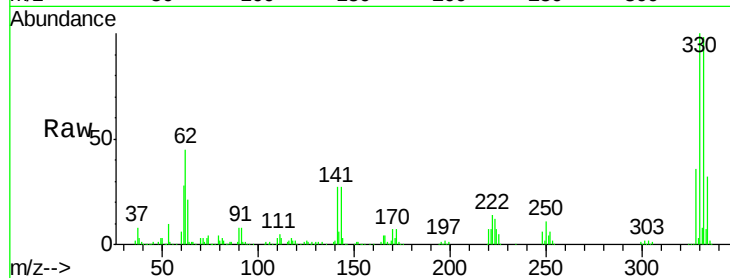




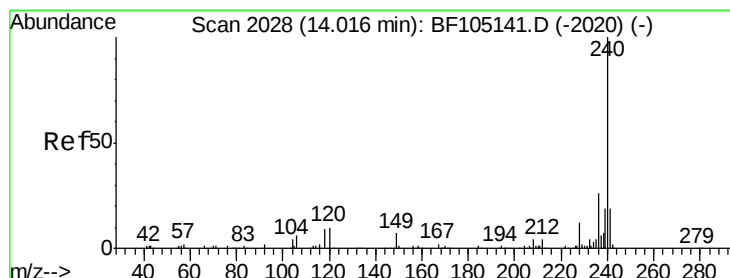
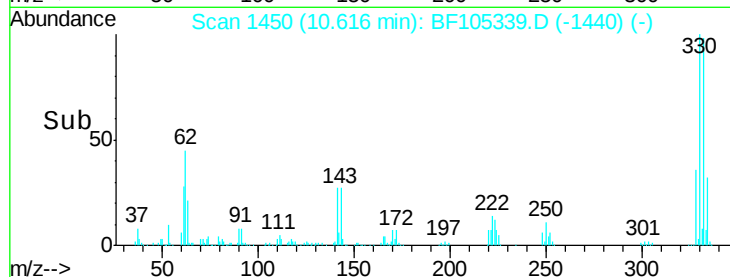
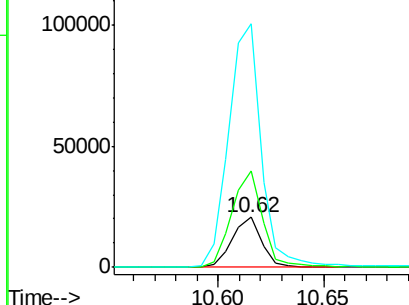
#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19936
Ion Ratio Lower Upper
248 100
250 191.7 76.9 115.3#
141 485.7 74.4 111.6#

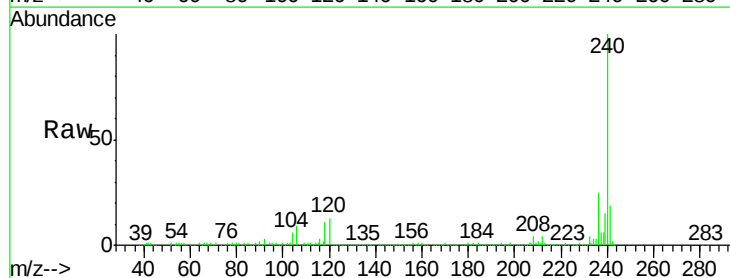


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

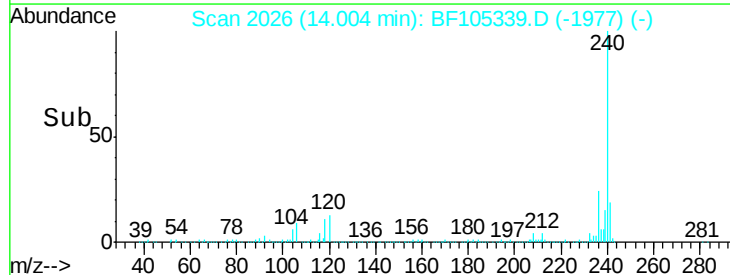
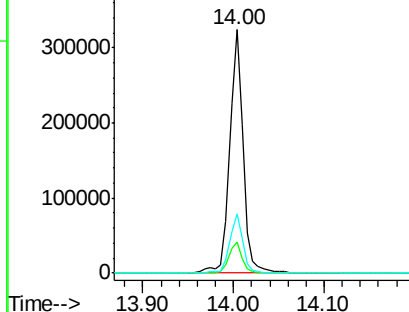


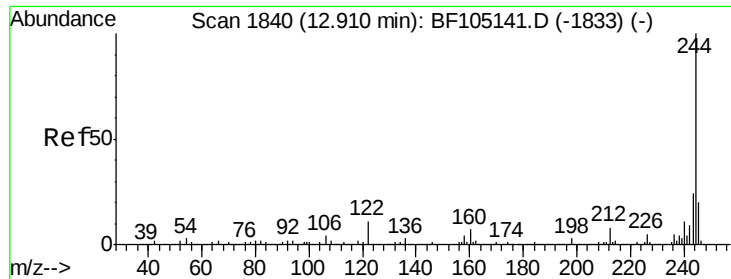
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Tgt Ion:240 Resp: 334030
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.5 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: 76.06 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

Instrument :

BNA_F

ClientSampleId :

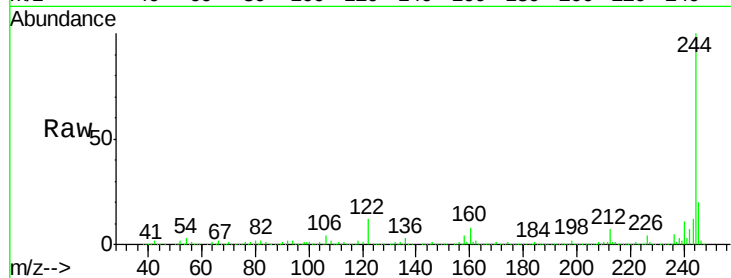
Tot Ion:244 Resp: 1181945

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

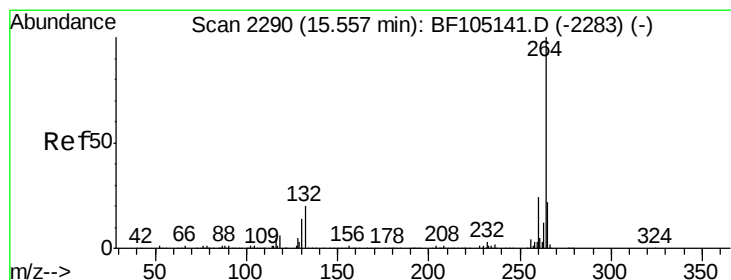
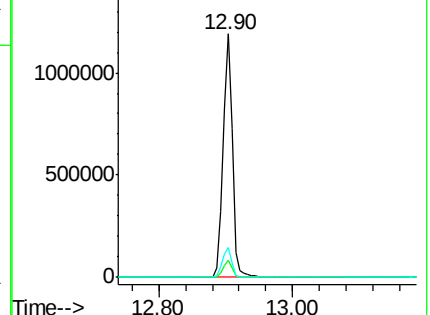
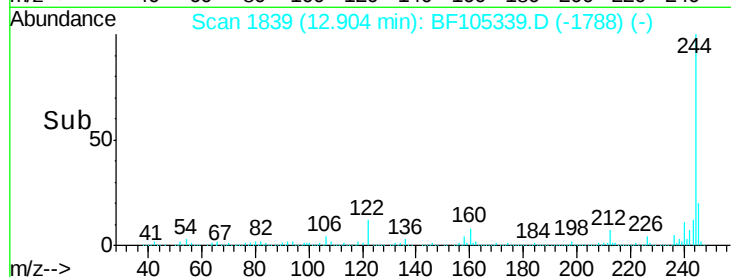
122 12.1 11.0 16.4



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: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

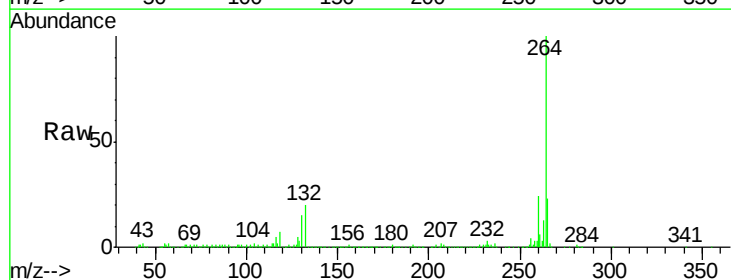
Tgt Ion:264 Resp: 364896

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.9 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

