

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105356.D
 Acq On : 12 May 2018 23:26
 Operator : JU/SJ
 Sample : J2834-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 07:06:30 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

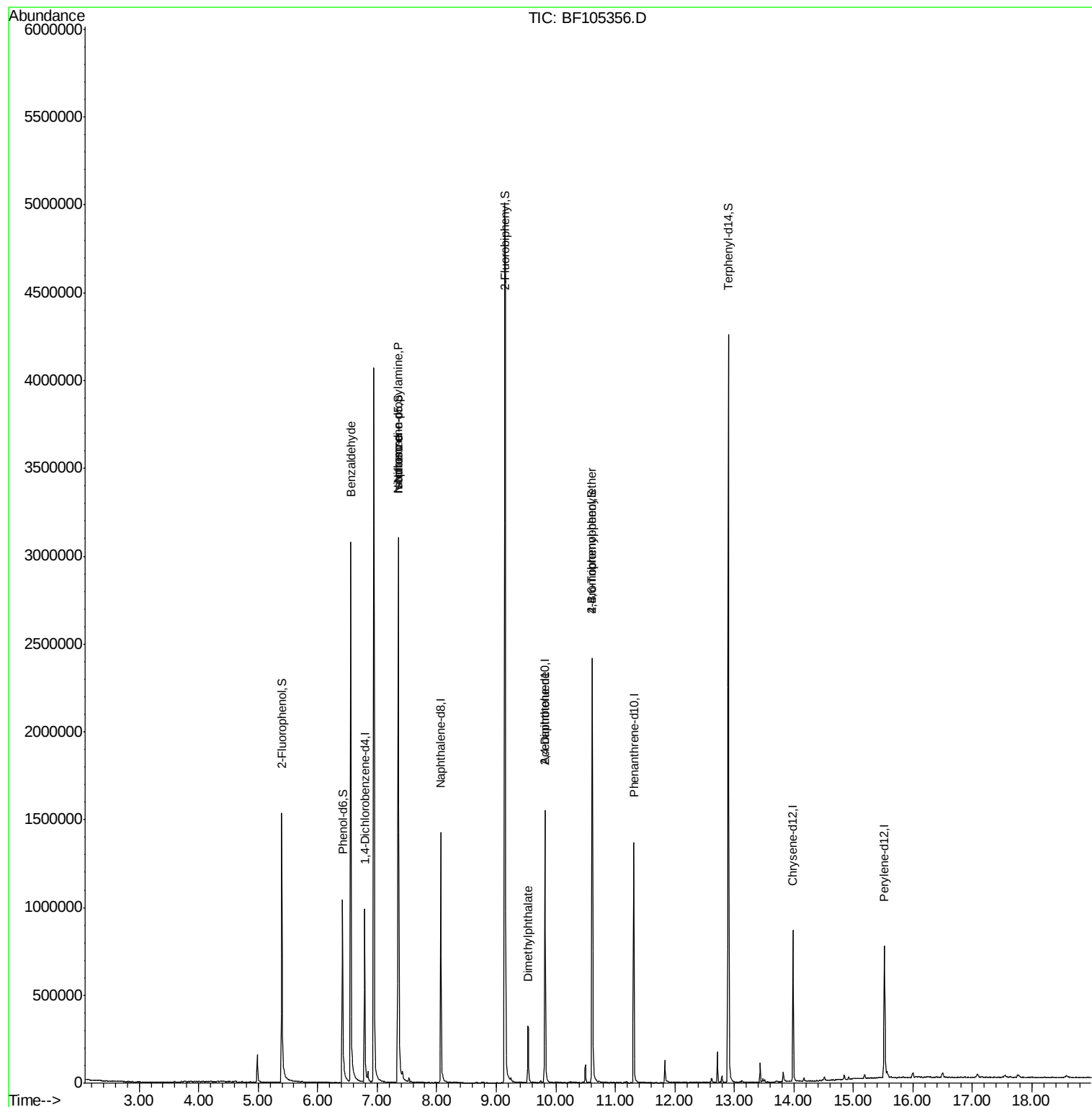
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157810	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	675364	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	292832	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	517301	20.00	ng	0.00
75) Chrysene-d12	13.99	240	310795	20.00	ng	-0.03
86) Perylene-d12	15.52	264	364909	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	508980	48.51	ng	0.00
7) Phenol-d6	6.42	99	383663	30.77	ng	0.00
23) Nitrobenzene-d5	7.36	82	1241153	106.96	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	381519	100.84	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1916106	94.31	ng	0.00
78) Terphenyl-d14	12.90	244	1686527	116.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	21147	2.49	ng	# 75
19) n-Nitroso-di-n-propylamine	7.36	70	168214	21.35	ng	# 80
25) Isophorone	7.36	82	1241146	56.51	ng	# 64
49) Dimethylphthalate	9.54	163	144768	6.44	ng	99
56) 2,4-Dinitrotoluene	9.82	165	37644	5.85	ng	# 24
66) 4-Bromophenyl-phenylether	10.62	248	20057	3.49	ng	# 1

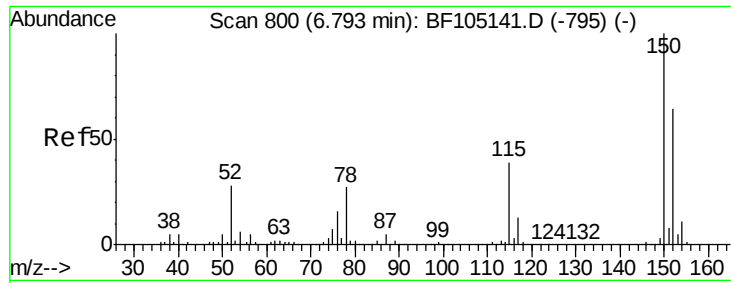
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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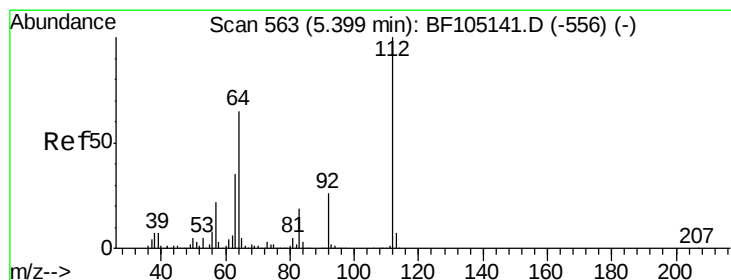
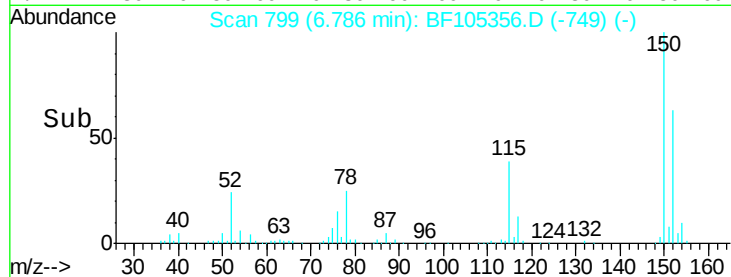
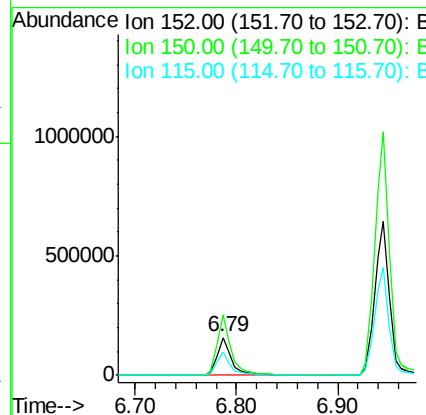
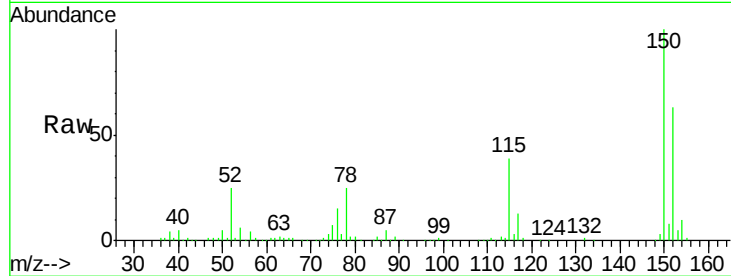


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Instrument :
BNA_F
ClientSampleId :

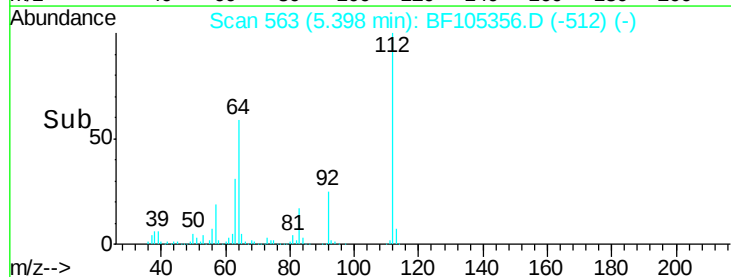
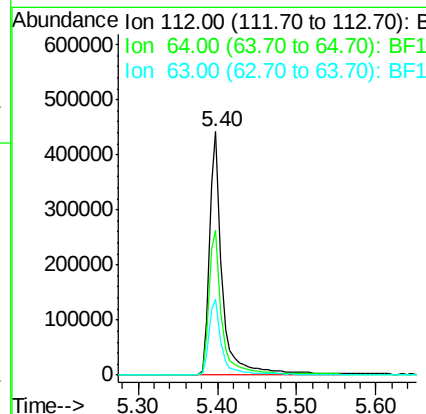
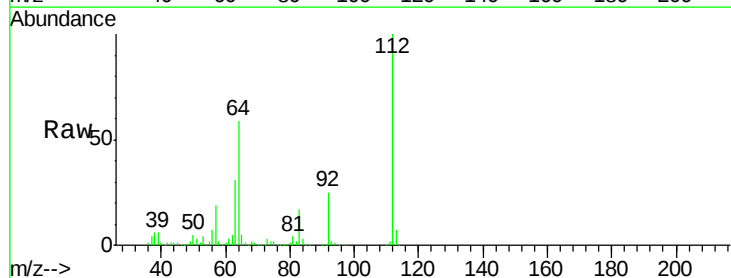
Tot Ion:152 Resp: 157810
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.6 50.1 75.1

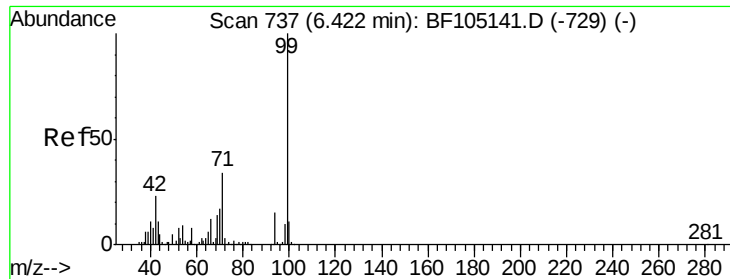


#5

2-Fluorophenol
Concen: 48.51 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Tgt Ion:112 Resp: 508980
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 30.77 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105356.D

Acq: 12 May 2018 23:26

Instrument :

BNA_F

ClientSampled :

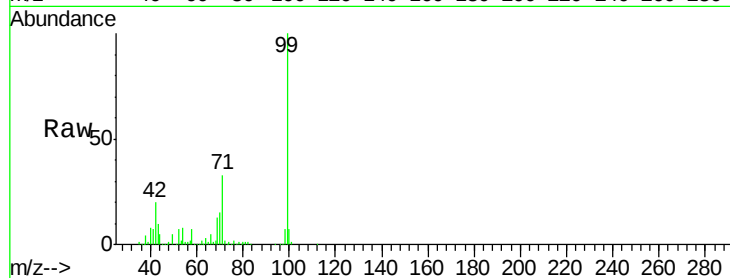
Tot Ion: 99 Resp: 383663

Ion Ratio Lower Upper

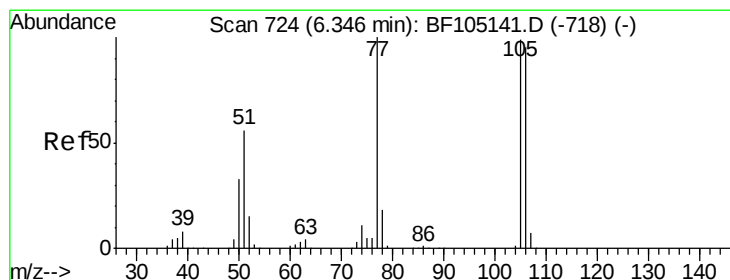
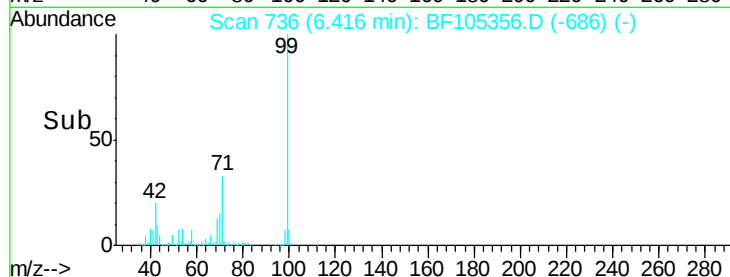
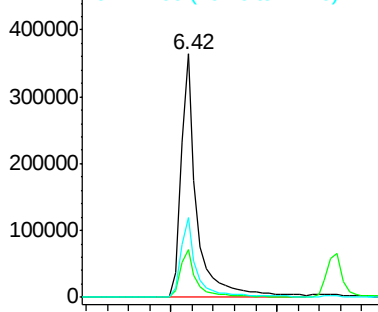
99 100

42 19.7 14.5 21.7

71 32.9 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



#9

Benzaldehyde

Concen: 2.49 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105356.D

Acq: 12 May 2018 23:26

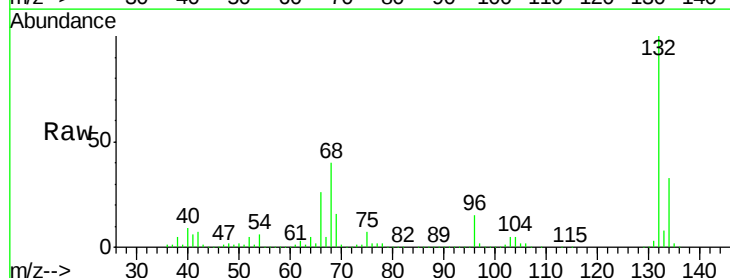
Tgt Ion: 77 Resp: 21147

Ion Ratio Lower Upper

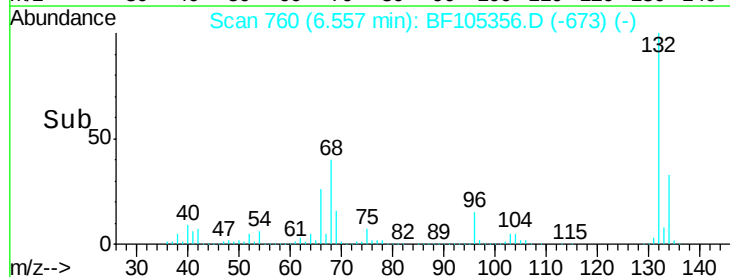
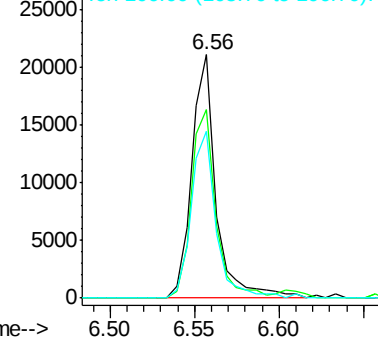
77 100

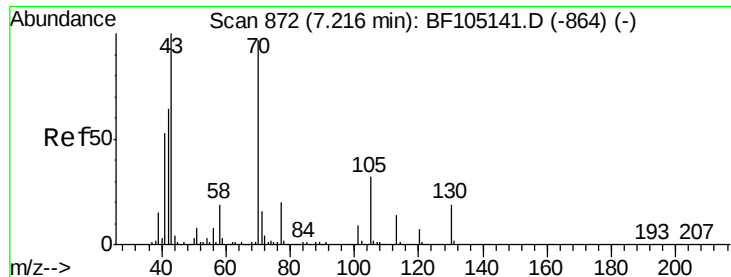
105 77.6 81.1 121.1#

106 68.5 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

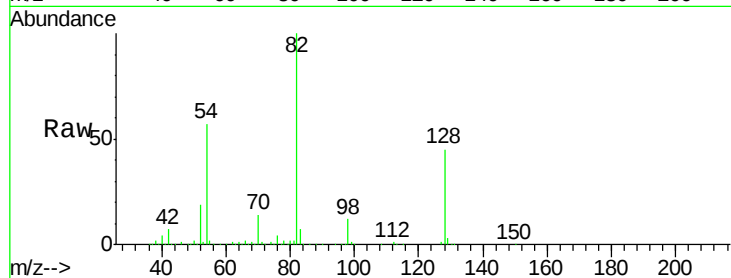




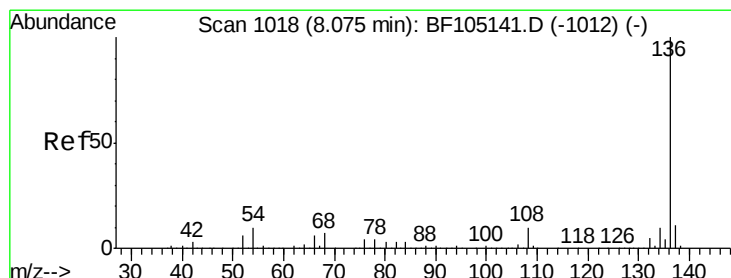
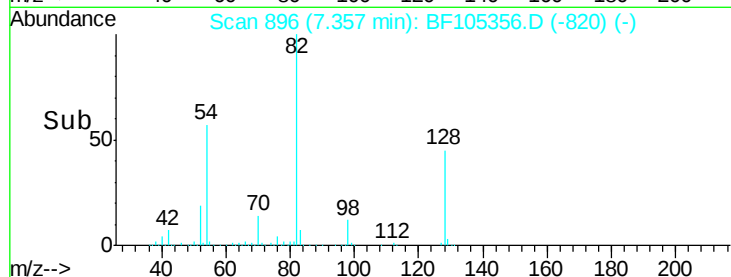
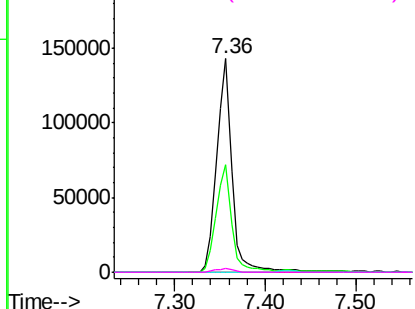
#19
n-Nitroso-di-n-propylamine
Concen: 21.35 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 168214
Ion Ratio Lower Upper
70 100
42 50.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#

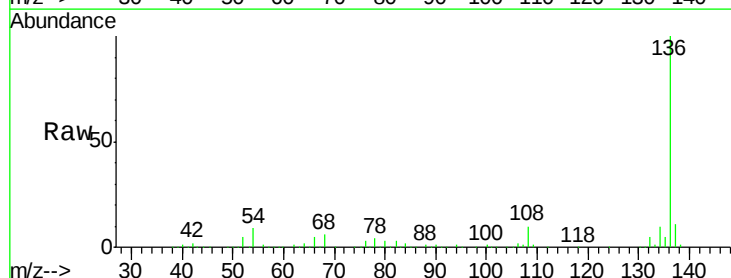


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

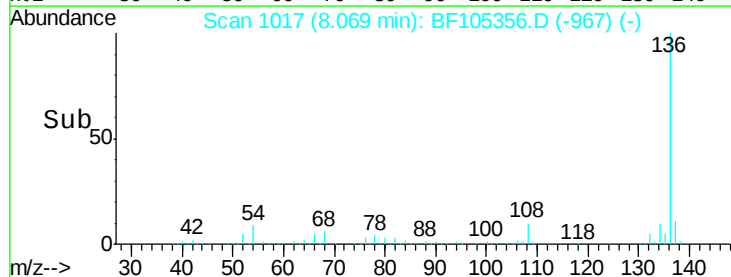
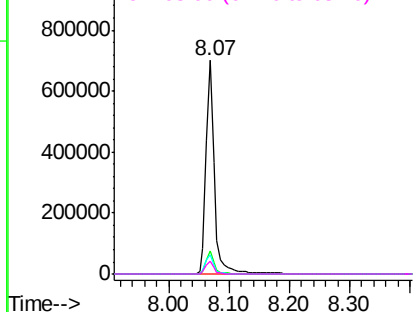


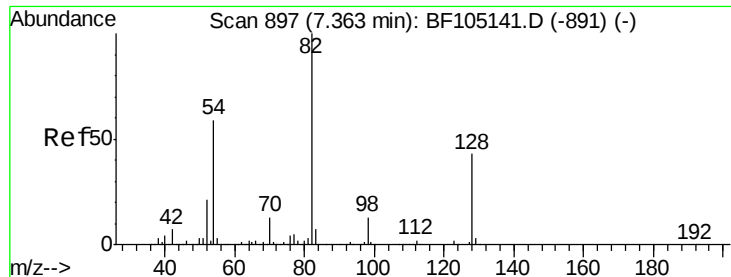
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Tgt Ion: 136 Resp: 675364
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.2 6.6 9.8
68 6.3 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



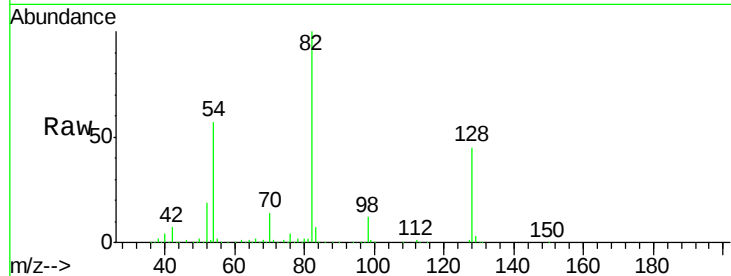


#23
 Nitrobenzene-d5
 Concen: 106.96 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF105356.D
 Acq: 12 May 2018 23:26

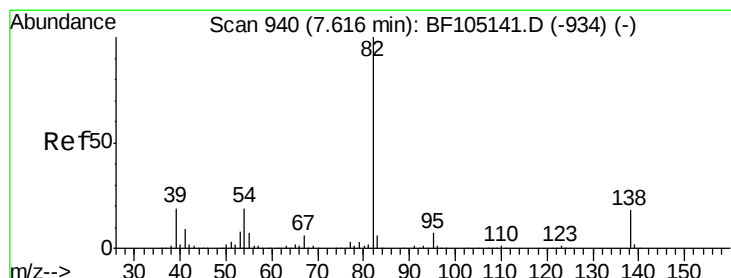
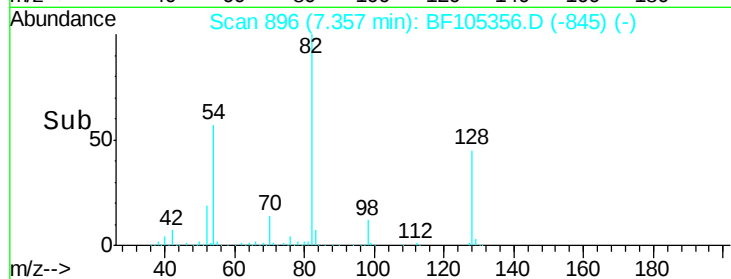
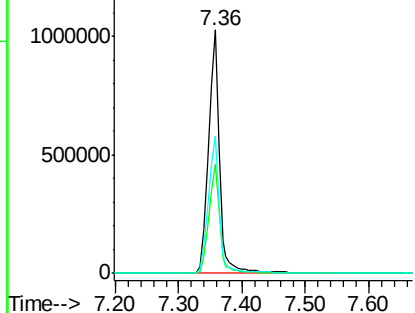
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1241153

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	56.7	41.4	62.2



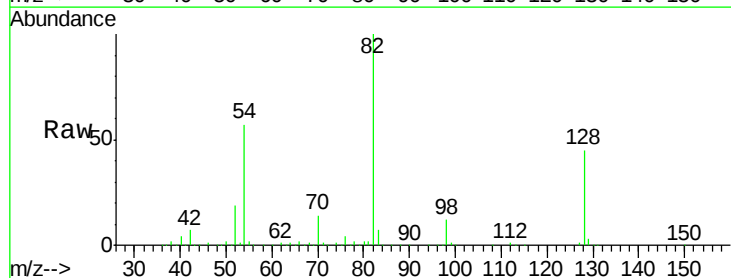
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



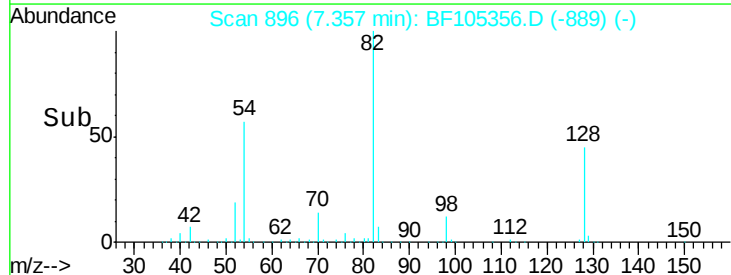
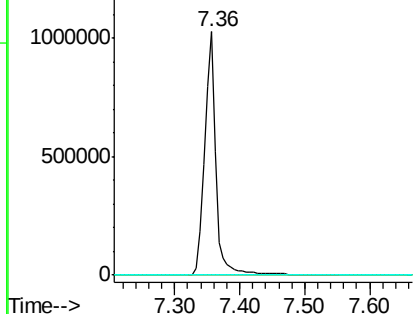
#25
 Isophorone
 Concen: 56.51 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF105356.D
 Acq: 12 May 2018 23:26

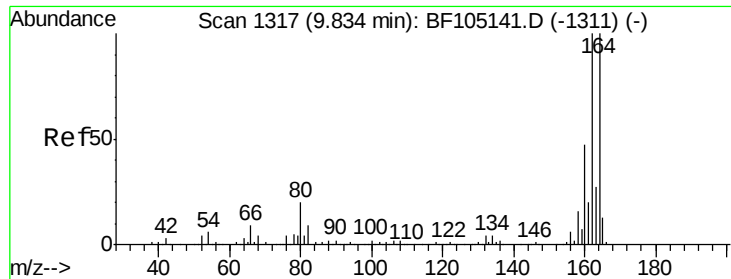
Tgt Ion: 82 Resp: 1241146

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

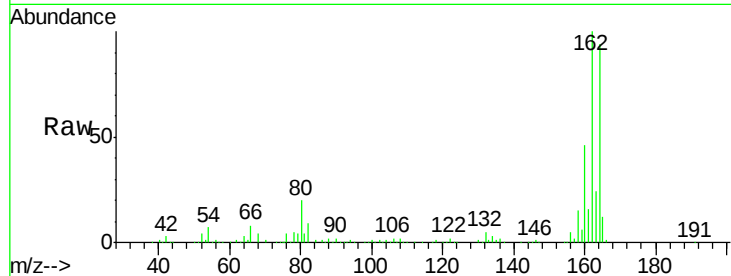




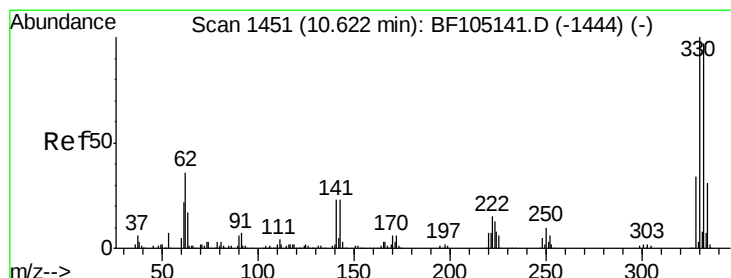
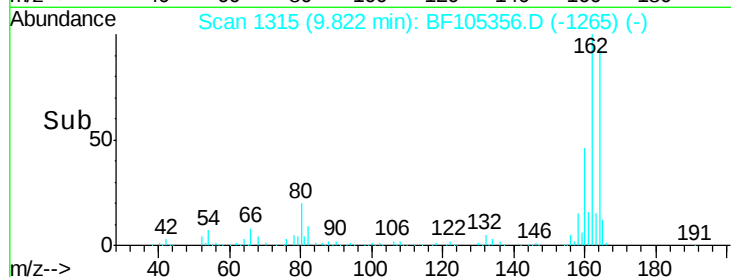
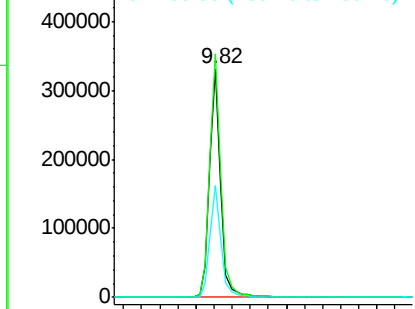
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	48.8	38.3	57.5

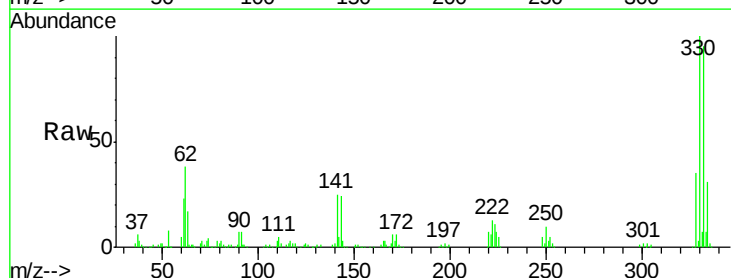


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

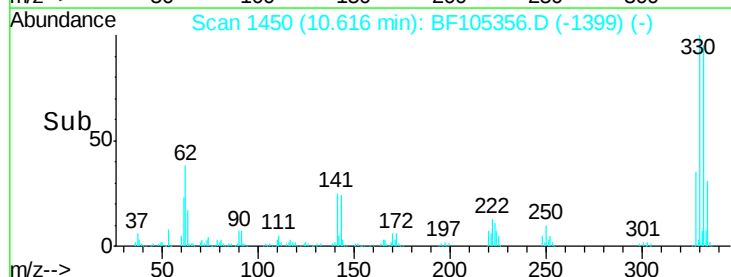
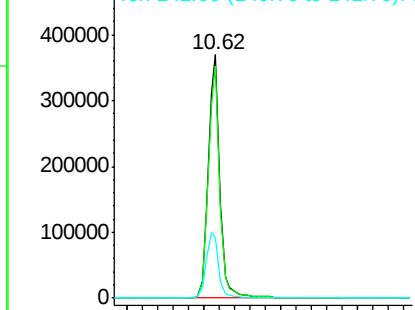


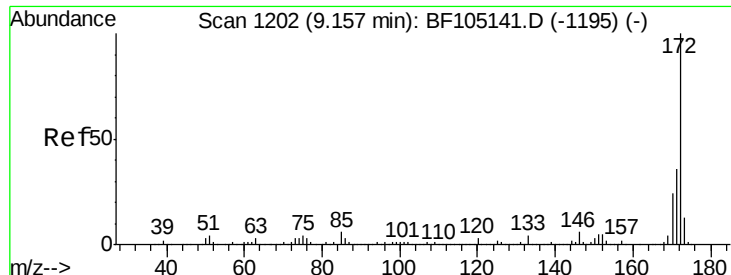
#41
2,4,6-Tribromophenol
Concen: 100.84 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.2	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

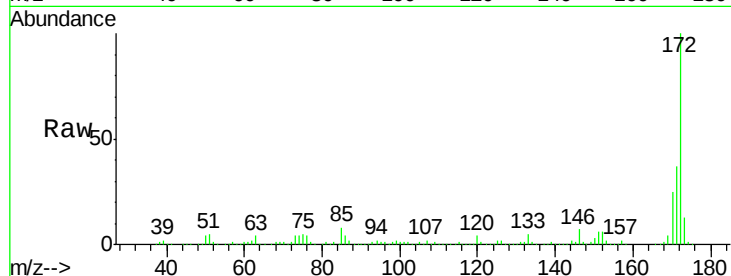




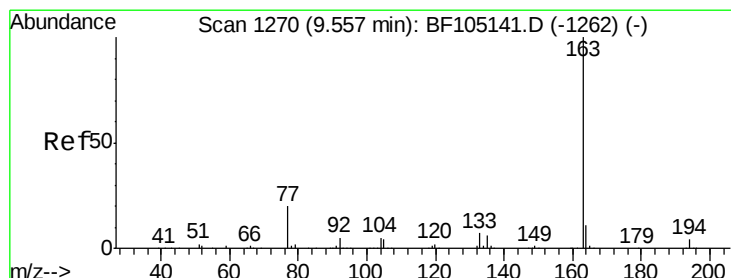
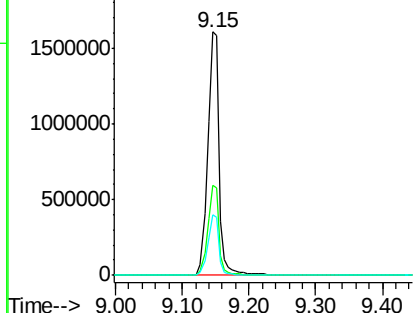
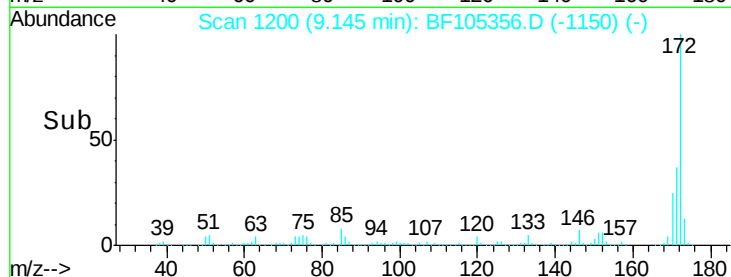
#44
2-Fluorobiphenyl
Concen: 94.31 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1916106
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.7 19.6 29.4

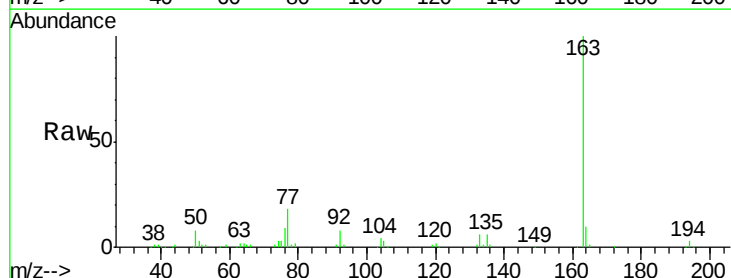


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

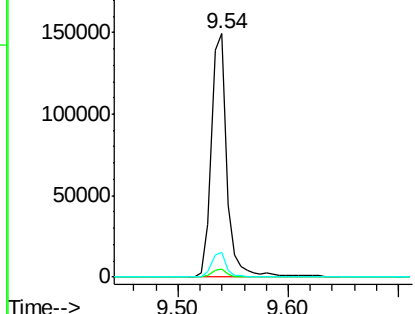
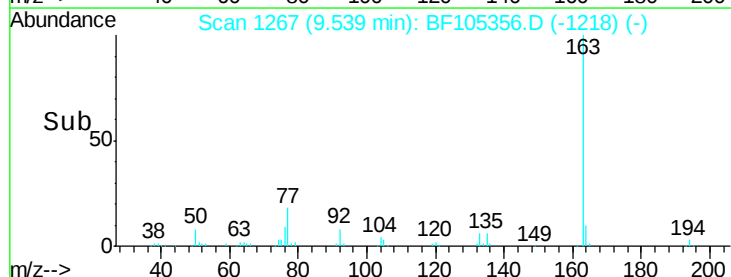


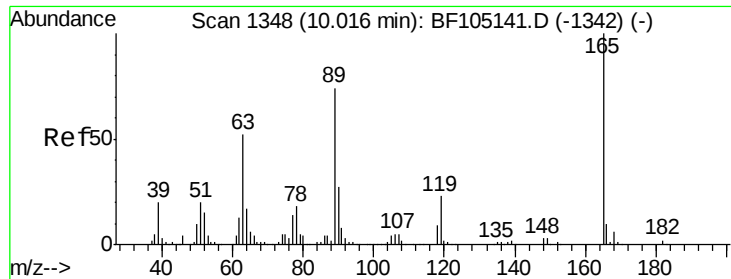
#49
Dimethylphthalate
Concen: 6.44 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Tgt Ion:163 Resp: 144768
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 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

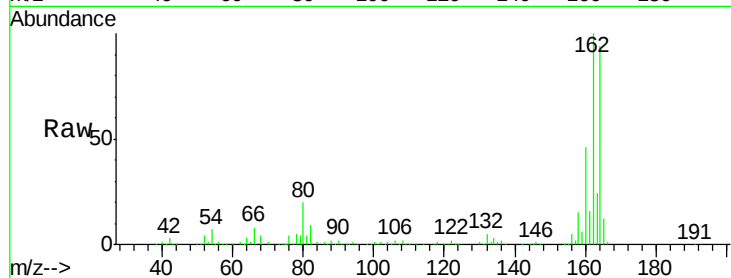




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF105356.D
 Acq: 12 May 2018 23:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

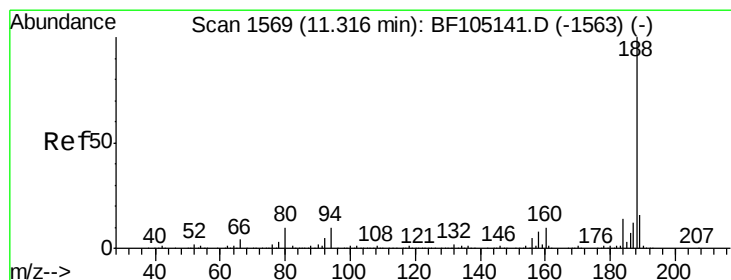
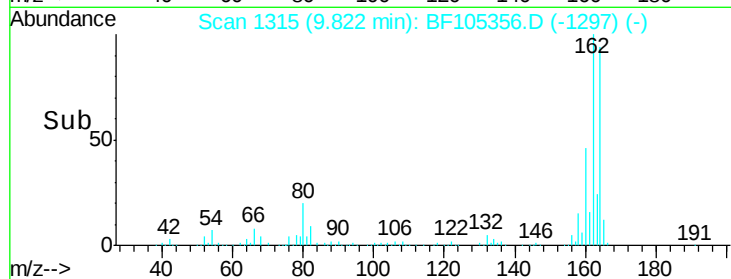
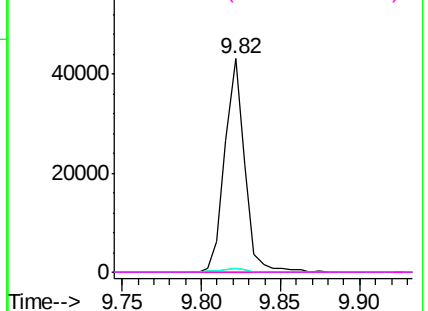


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

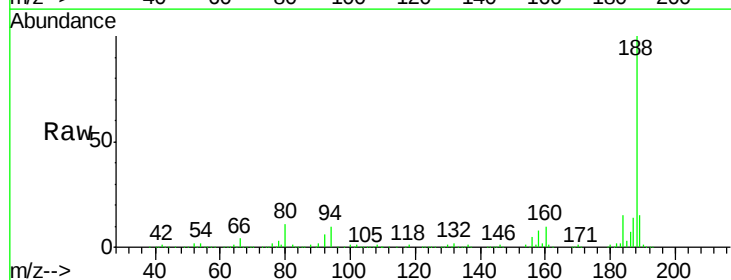
Ion 89.00 (88.70 to 89.70): BF1

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: BF105356.D
 Acq: 12 May 2018 23:26

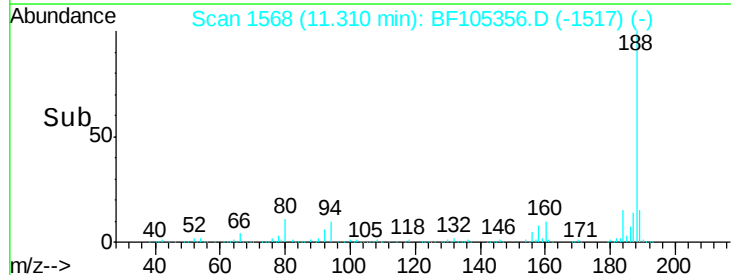
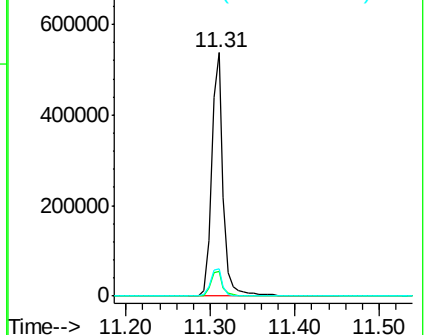
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

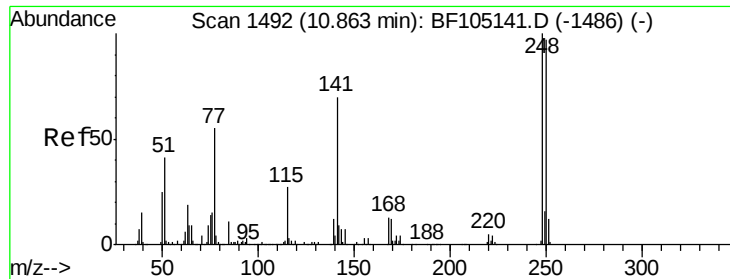


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

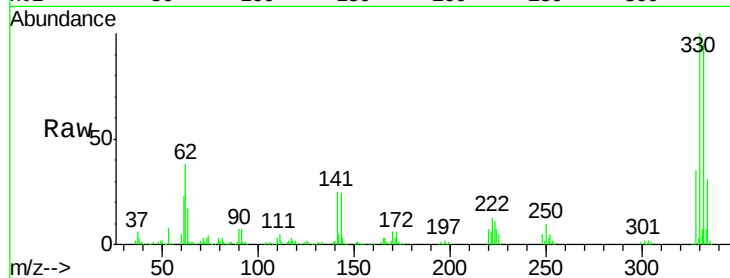




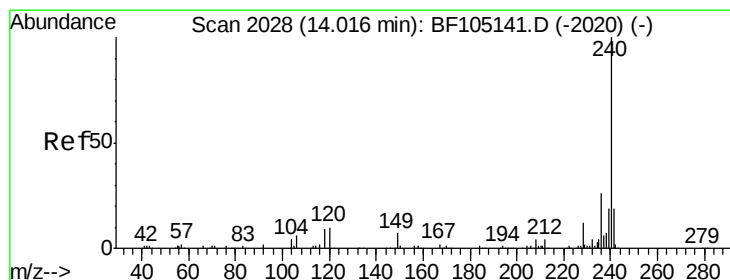
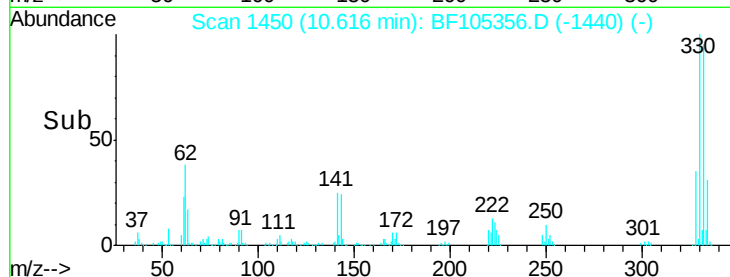
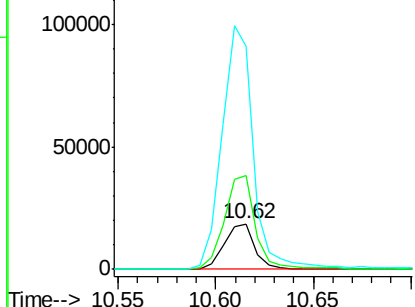
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20057
Ion Ratio Lower Upper
248 100
250 206.1 76.9 115.3#
141 487.2 74.4 111.6#

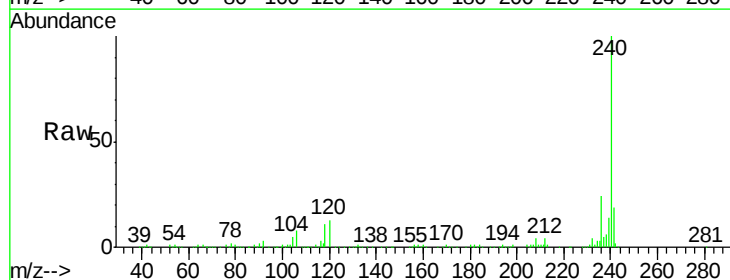


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

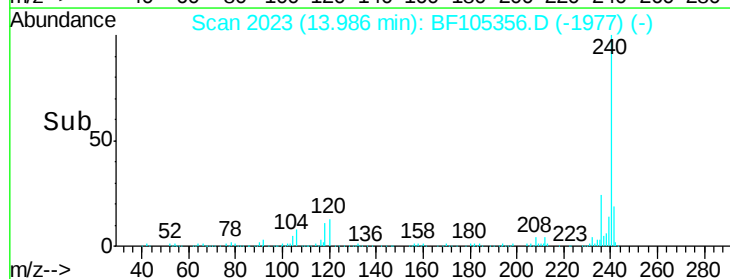
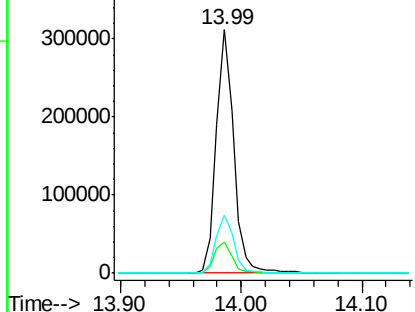


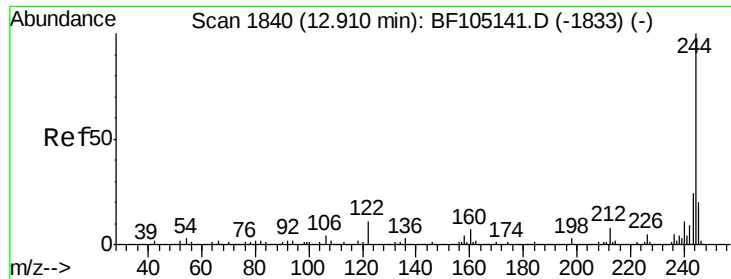
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.03 min
Lab File: BF105356.D
Acq: 12 May 2018 23:26

Tgt Ion:240 Resp: 310795
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.0 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: 116.65 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF105356.D

Acq: 12 May 2018 23:26

Instrument :

BNA_F

ClientSampleId :

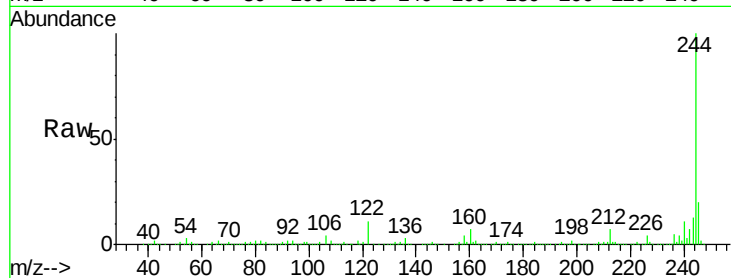
Tot Ion:244 Resp: 1686527

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

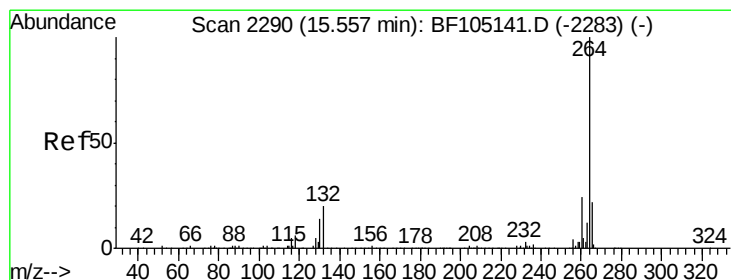
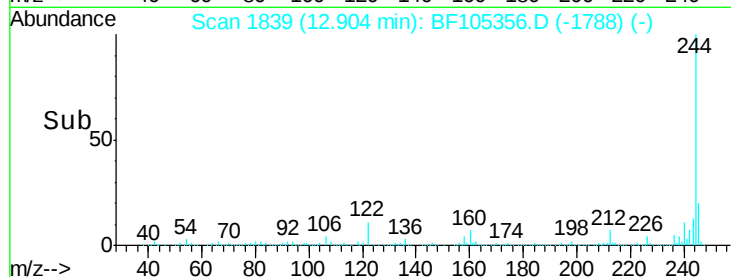
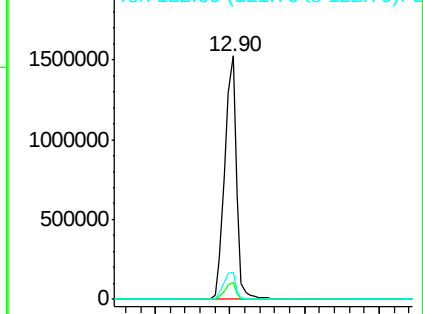
122 11.2 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.05 min

Lab File: BF105356.D

Acq: 12 May 2018 23:26

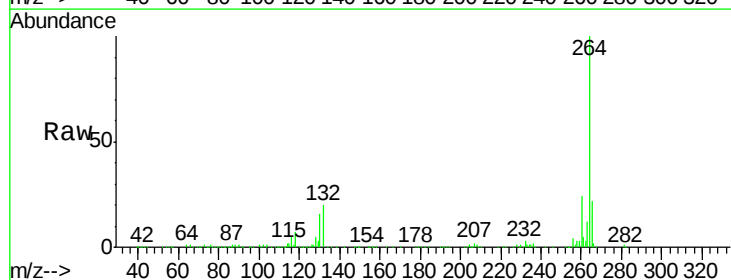
Tgt Ion:264 Resp: 364909

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

