

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105355.D
 Acq On : 12 May 2018 23:00
 Operator : JU/SJ
 Sample : J2834-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:55:43 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

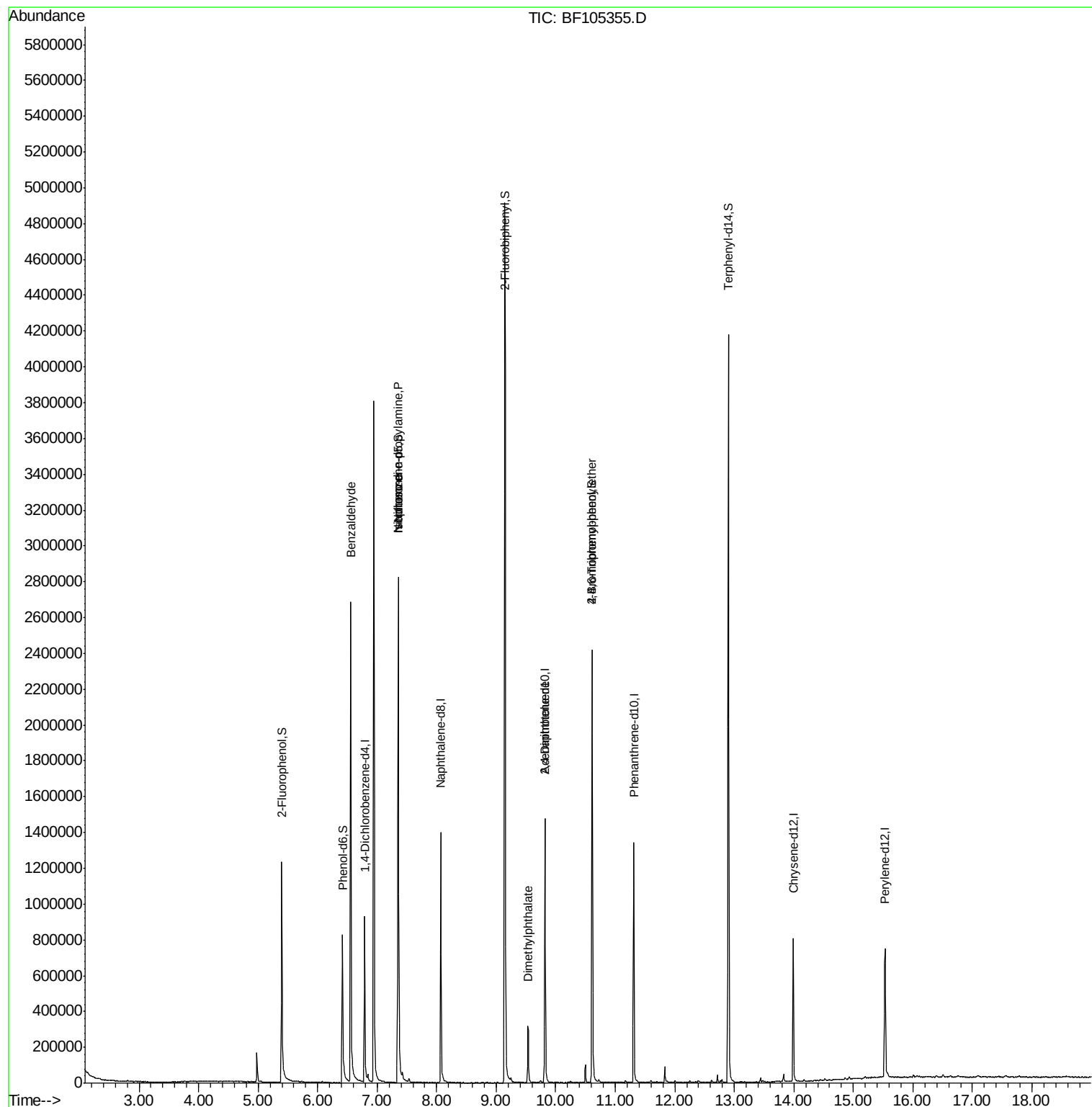
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146962	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	633070	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	282754	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	499180	20.00	ng	0.00
75) Chrysene-d12	13.99	240	312025	20.00	ng	-0.02
86) Perylene-d12	15.53	264	352789	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	434965	44.51	ng	0.00
7) Phenol-d6	6.42	99	327939	28.24	ng	0.00
23) Nitrobenzene-d5	7.36	82	1132266	104.10	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	347164	95.03	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1803405	91.93	ng	0.00
78) Terphenyl-d14	12.90	244	1639933	112.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	18293	2.32	ng	# 81
19) n-Nitroso-di-n-propylamine	7.36	70	151309	20.62	ng	# 81
25) Isophorone	7.36	82	1132260	55.00	ng	# 64
49) Dimethylphthalate	9.54	163	142570	6.57	ng	99
56) 2,4-Dinitrotoluene	9.82	165	36341	5.85	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	19239	3.46	ng	# 1

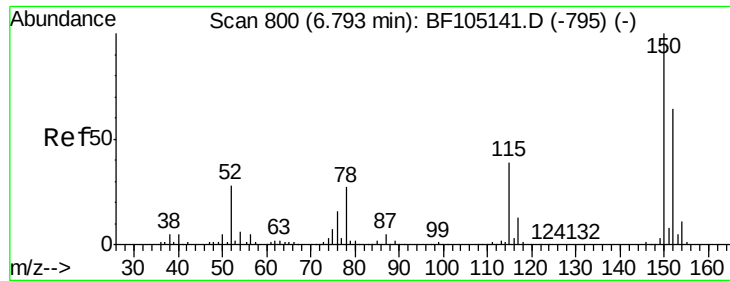
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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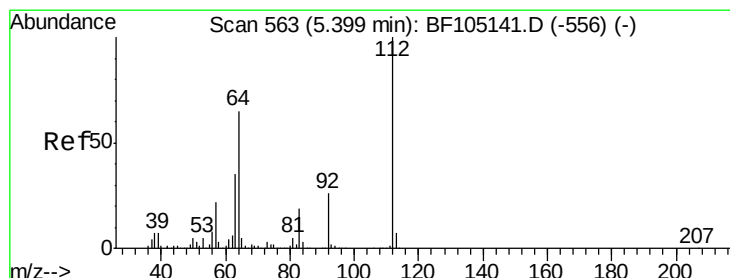
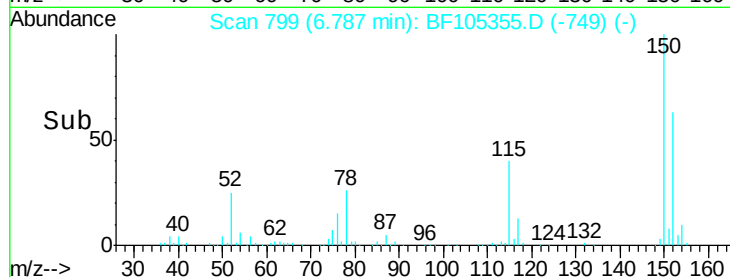
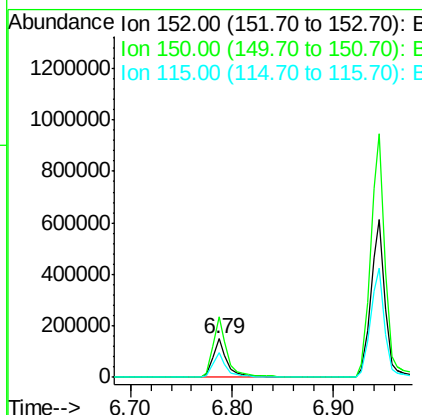
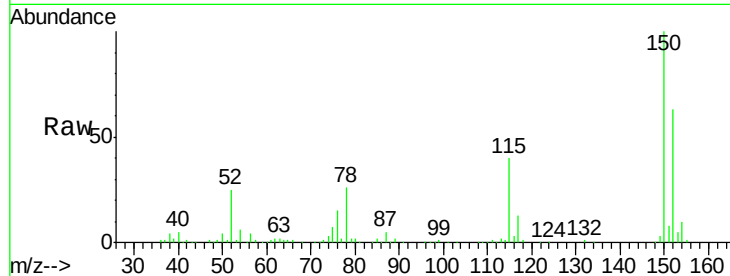




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF105355.D
 Acq: 12 May 2018 23:00

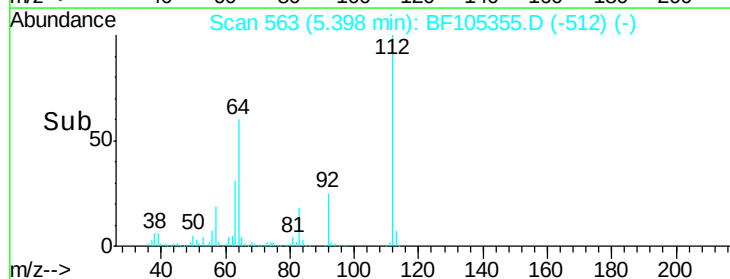
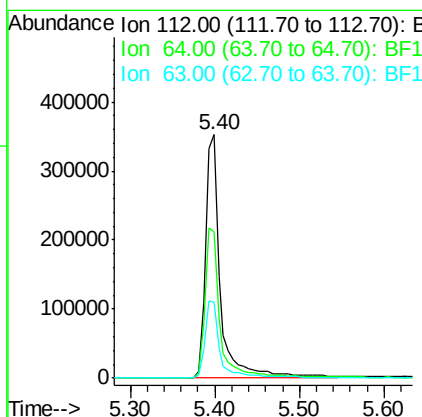
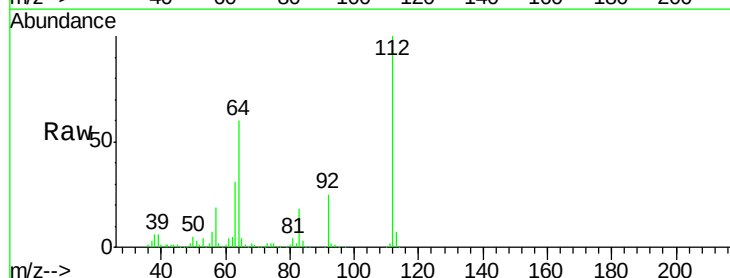
Instrument :
 BNA_F
 ClientSampleId :

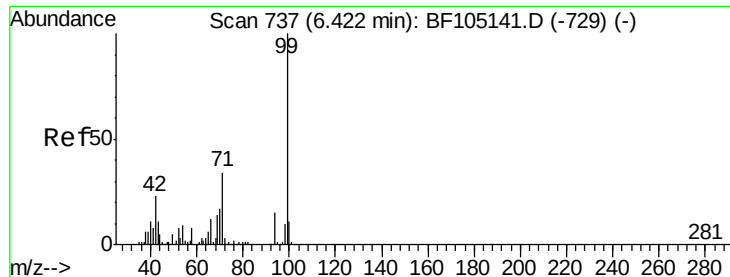
Tot Ion:152 Resp: 146962
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 63.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 44.51 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF105355.D
 Acq: 12 May 2018 23:00

Tgt Ion:112 Resp: 434965
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 28.24 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105355.D

Acq: 12 May 2018 23:00

Instrument :

BNA_F

ClientSampleId :

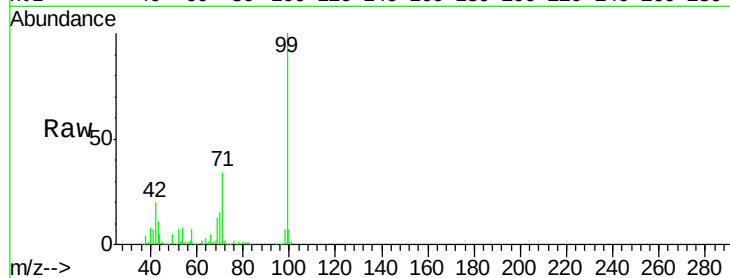
Tot Ion: 99 Resp: 327939

Ion Ratio Lower Upper

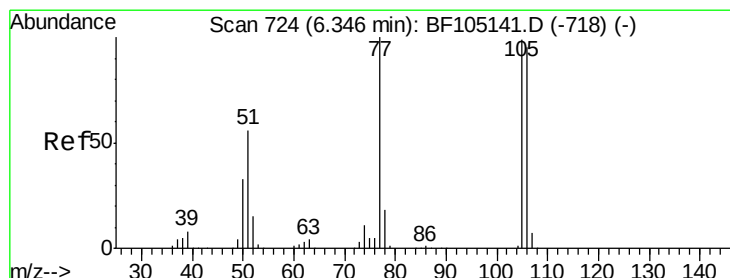
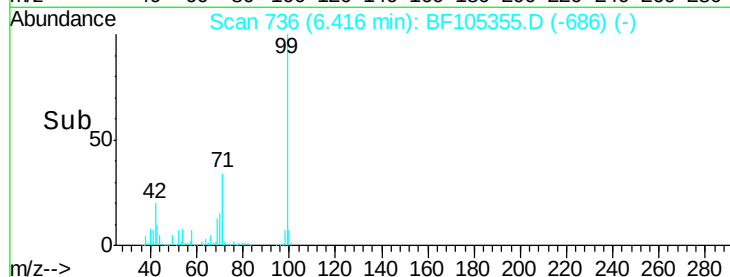
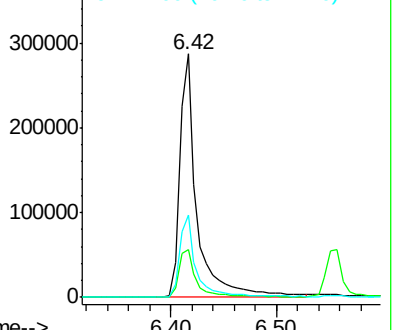
99 100

42 19.7 14.5 21.7

71 33.8 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: 2.32 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105355.D

Acq: 12 May 2018 23:00

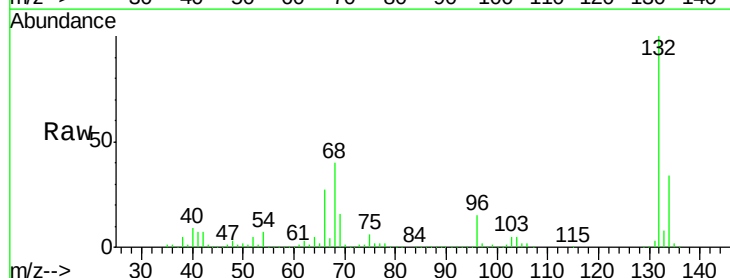
Tgt Ion: 77 Resp: 18293

Ion Ratio Lower Upper

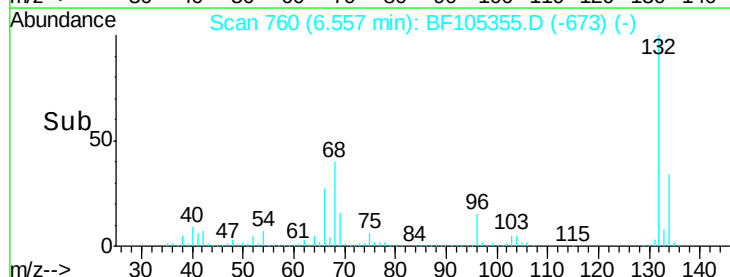
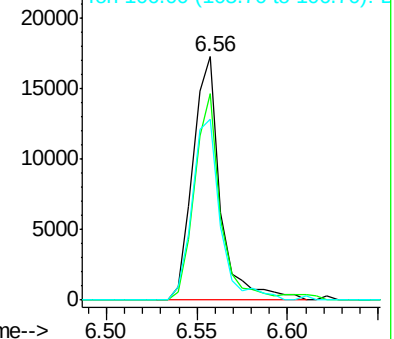
77 100

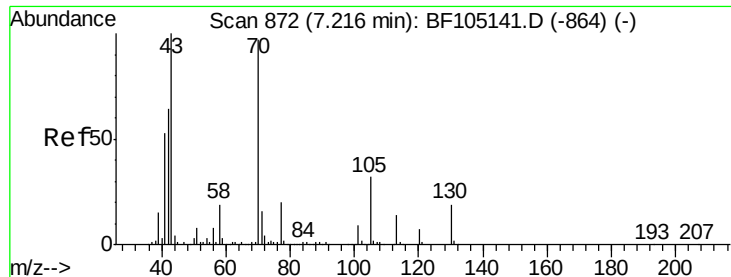
105 84.6 81.1 121.1

106 74.1 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

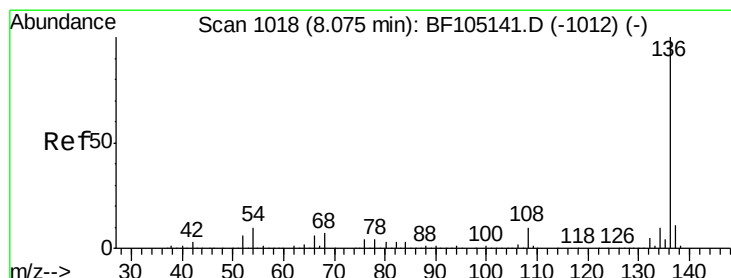
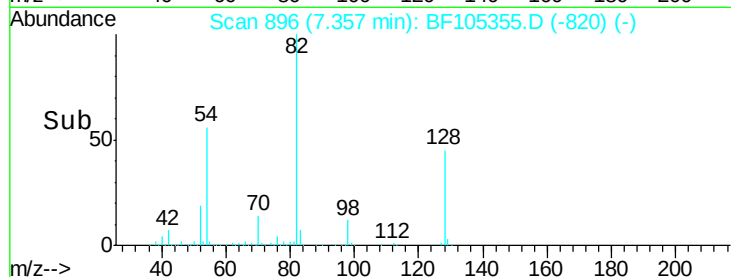
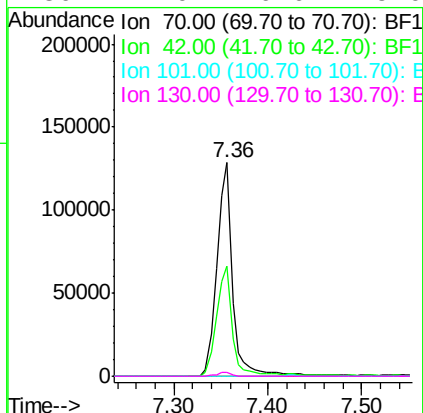
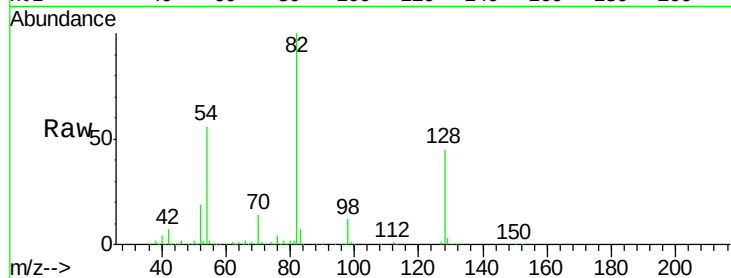




#19
n-Nitroso-di-n-propylamine
Concen: 20.62 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105355.D
Acq: 12 May 2018 23:00

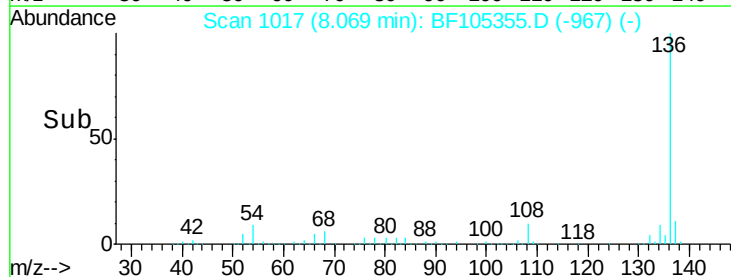
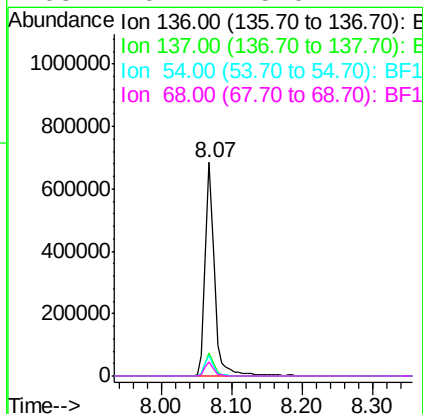
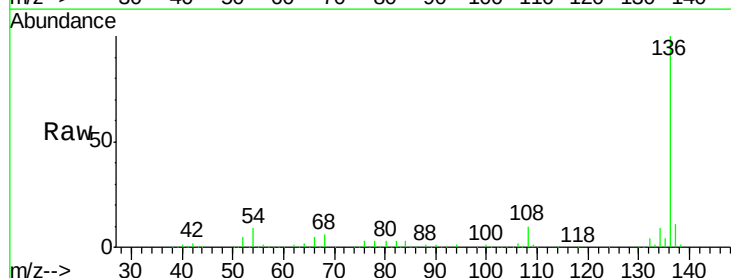
Instrument :
BNA_F
ClientSampleId :

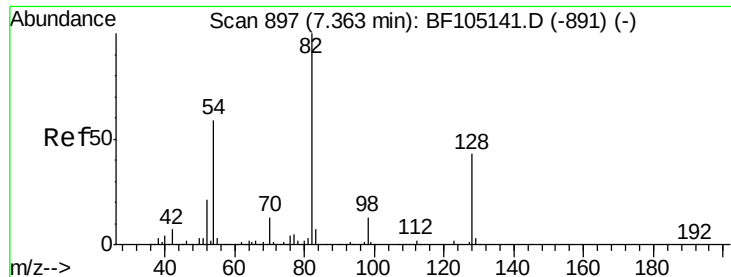
Tot Ion: 70 Resp: 151309
Ion Ratio Lower Upper
70 100
42 51.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105355.D
Acq: 12 May 2018 23:00

Tgt Ion: 136 Resp: 633070
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.5 6.6 9.8
68 6.4 5.0 7.4

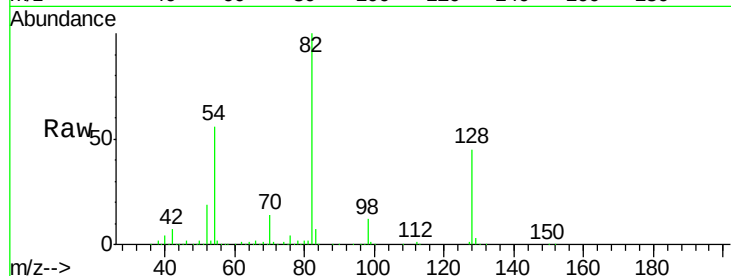




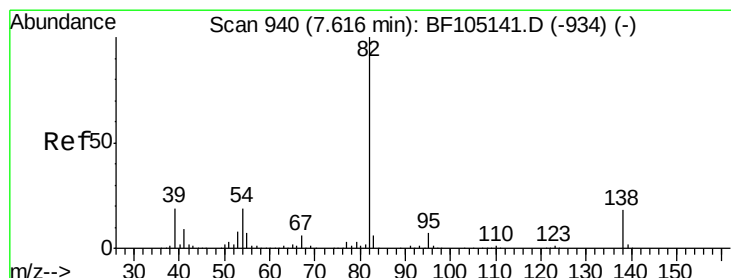
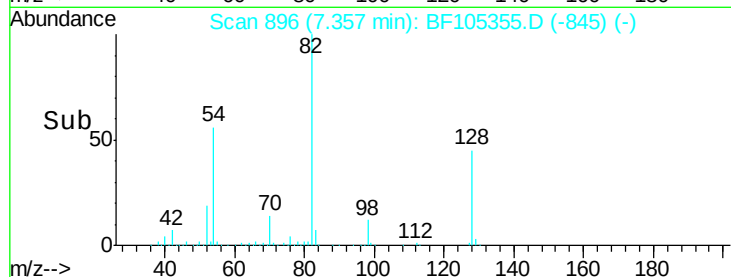
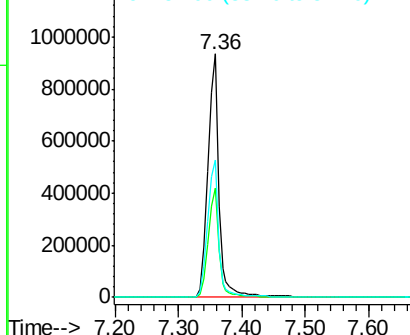
#23
Nitrobenzene-d5
Concen: 104.10 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF105355.D
Acq: 12 May 2018 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1132266
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 56.3 41.4 62.2

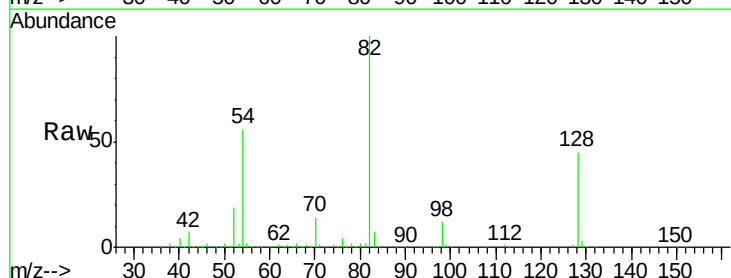


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

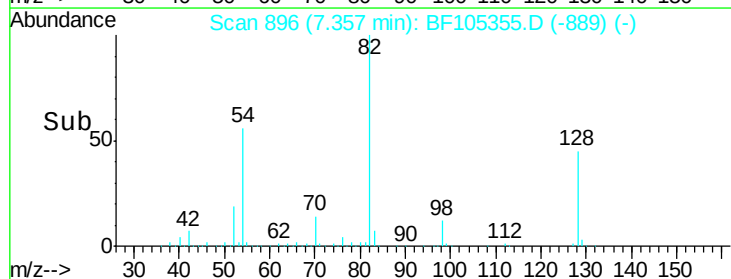
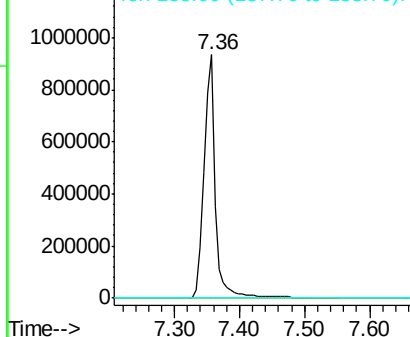


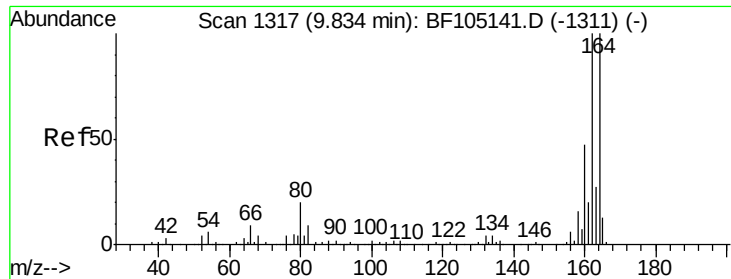
#25
Isophorone
Concen: 55.00 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105355.D
Acq: 12 May 2018 23:00

Tgt Ion: 82 Resp: 1132260
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: BF105355.D

Acq: 12 May 2018 23:00

Instrument :

BNA_F

ClientSampleId :

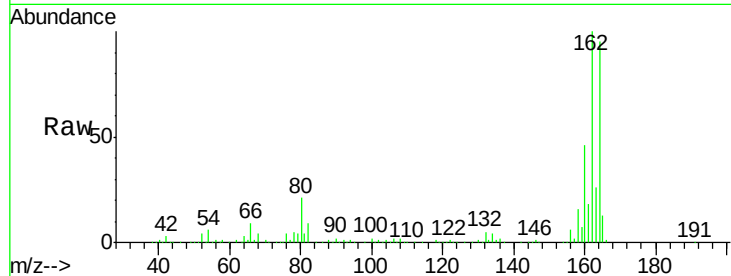
Tot Ion:164 Resp: 282754

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

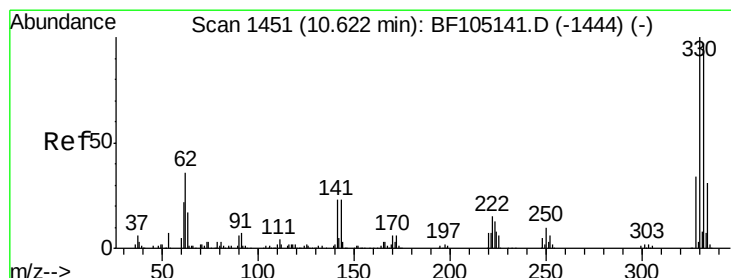
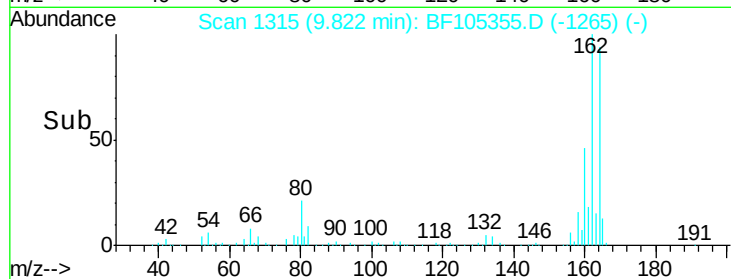
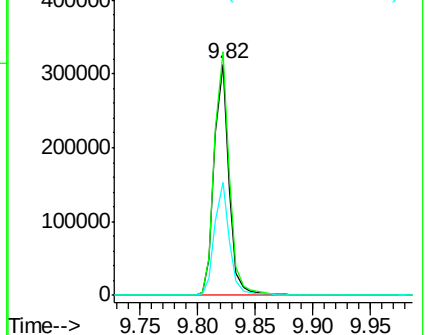
160 48.7 38.3 57.5



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: 95.03 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF105355.D

Acq: 12 May 2018 23:00

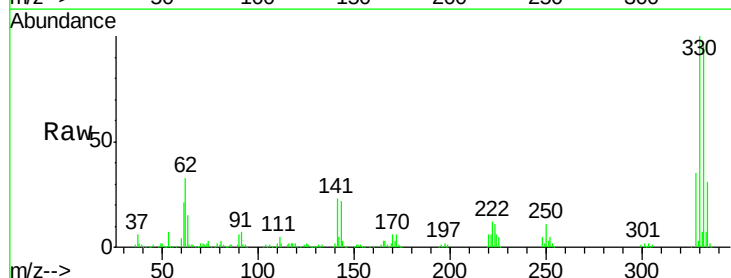
Tgt Ion:330 Resp: 347164

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

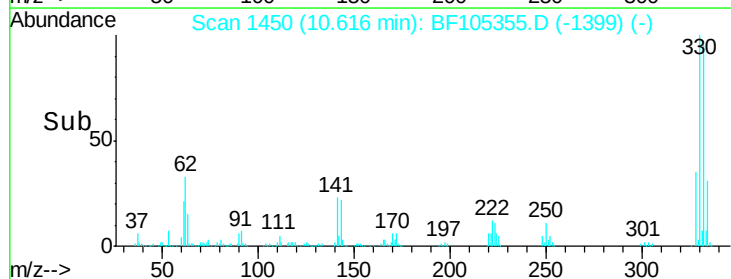
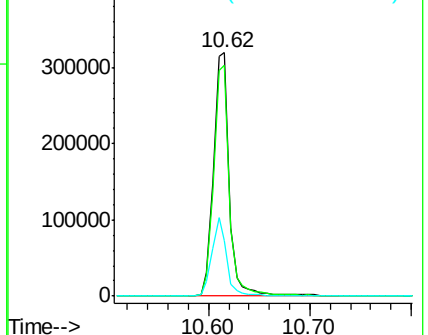
141 30.1 29.9 44.9

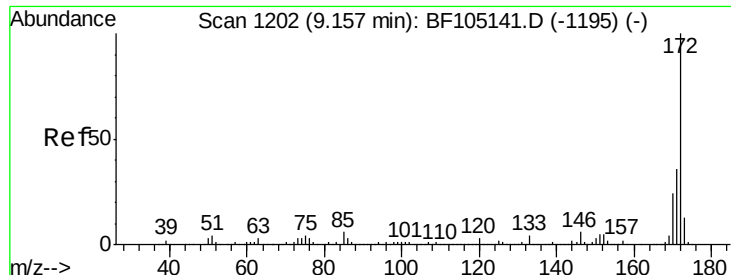


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



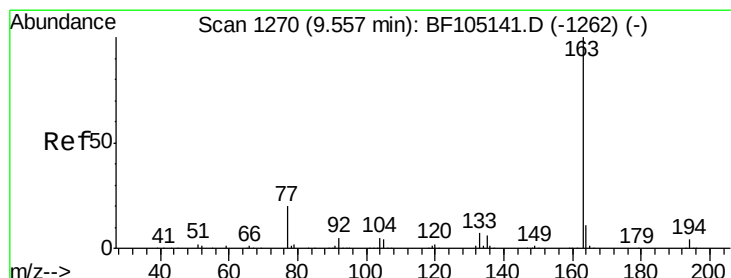
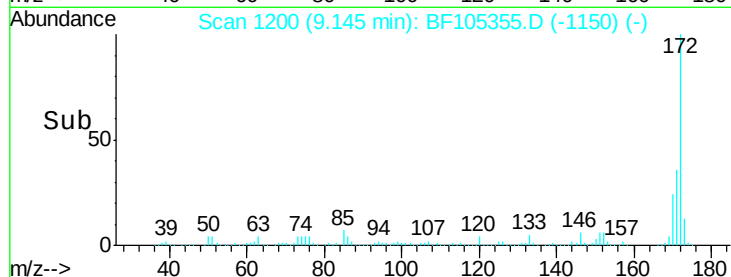
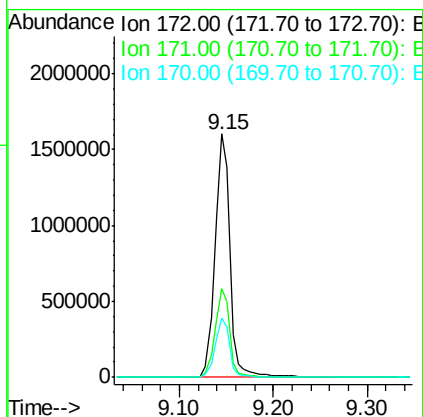
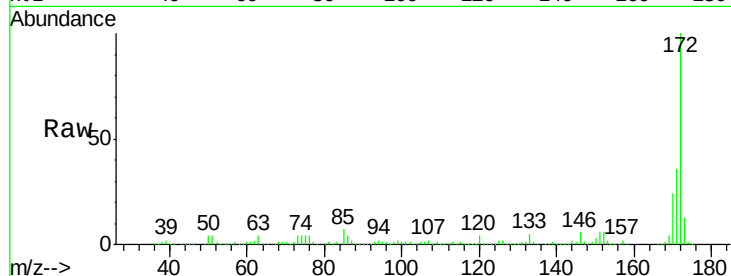


#44
 2-Fluorobiphenyl
 Concen: 91.93 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105355.D
 Acq: 12 May 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1803405

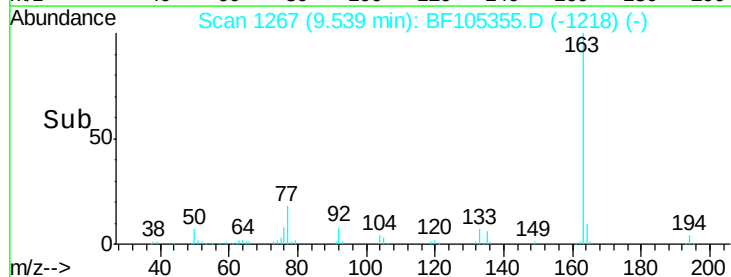
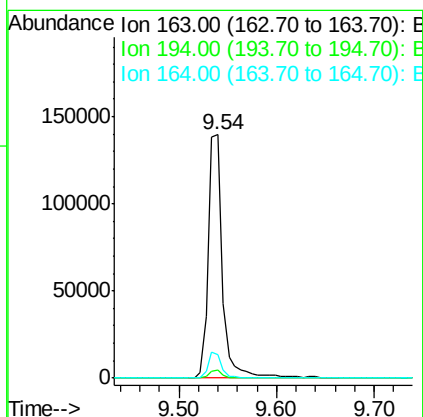
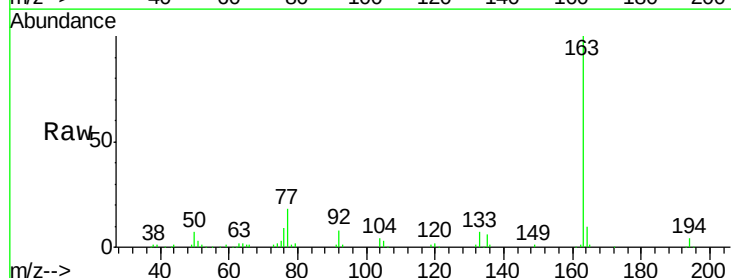
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

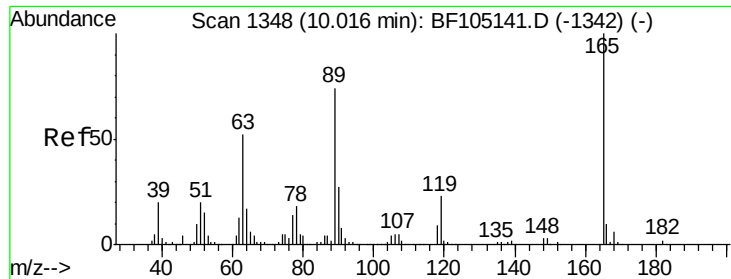


#49
 Dimethylphthalate
 Concen: 6.57 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF105355.D
 Acq: 12 May 2018 23:00

Tgt Ion:163 Resp: 142570

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2

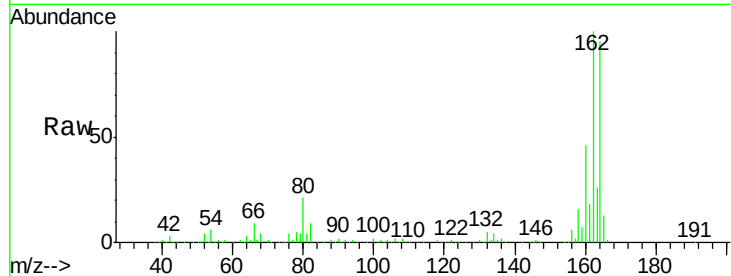




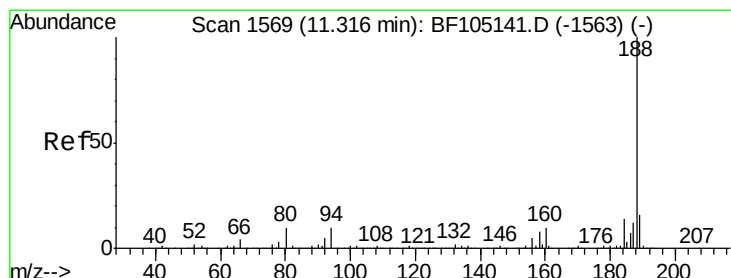
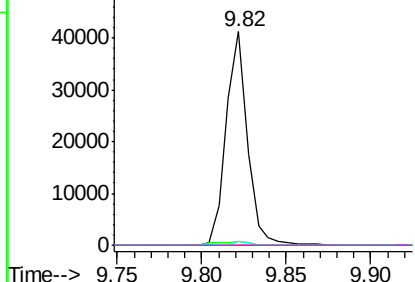
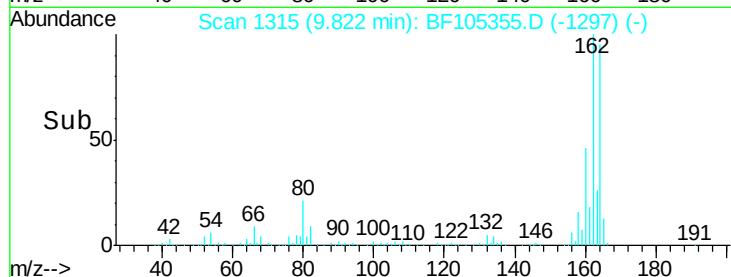
#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF105355.D
 Acq: 12 May 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 36341
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

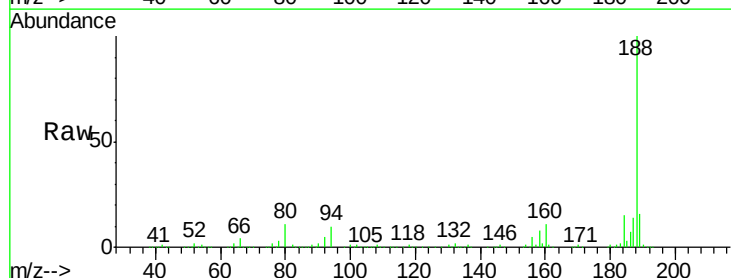


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

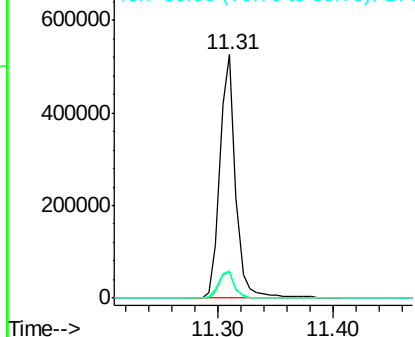
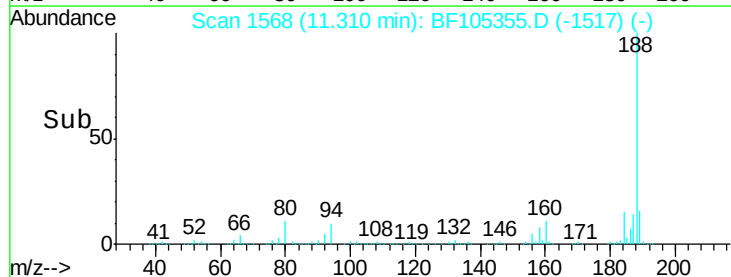


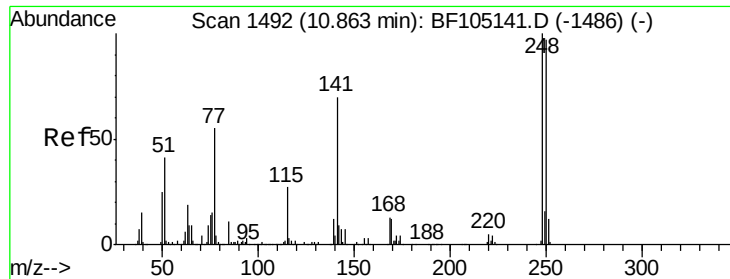
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF105355.D
 Acq: 12 May 2018 23:00

Tgt Ion:188 Resp: 499180
 Ion Ratio Lower Upper
 188 100
 94 10.5 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

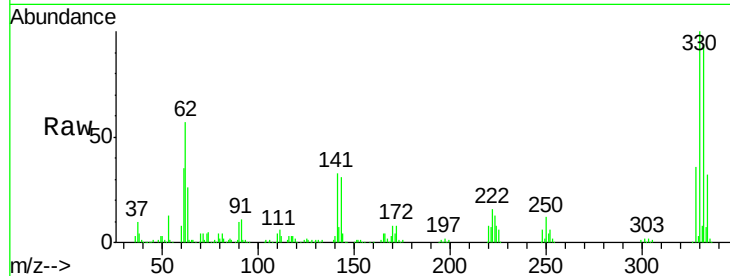




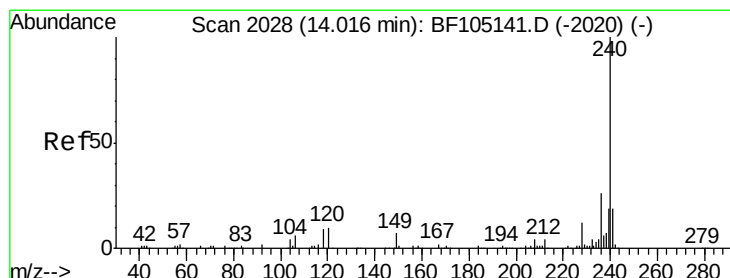
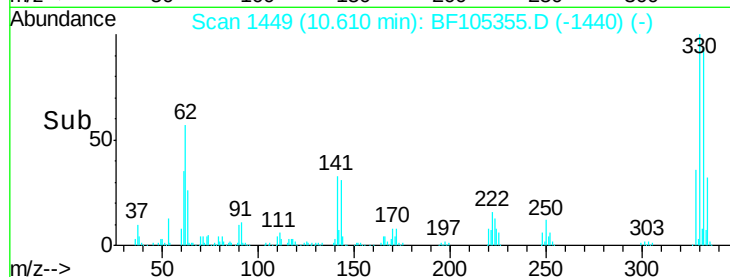
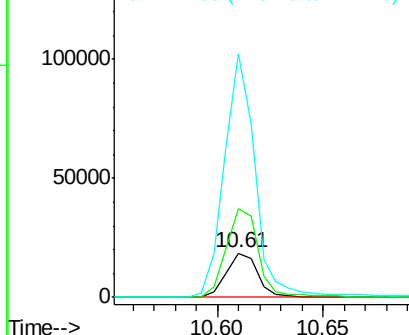
#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF105355.D
Acq: 12 May 2018 23:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19239
Ion Ratio Lower Upper
248 100
250 202.4 76.9 115.3#
141 551.7 74.4 111.6#

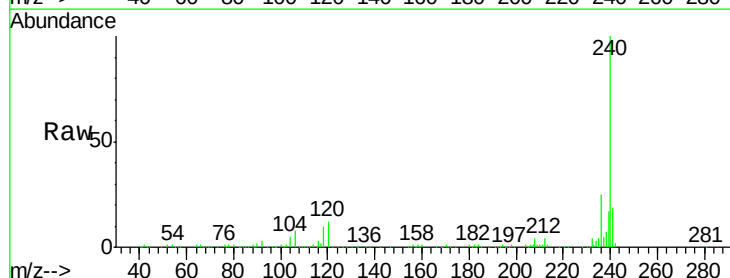


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

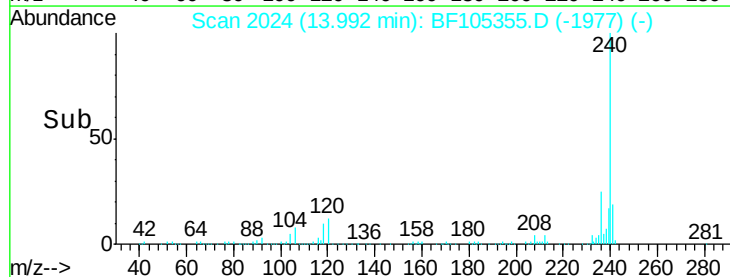
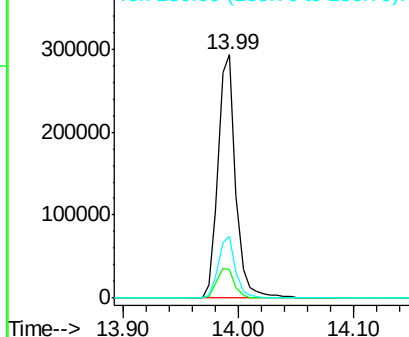


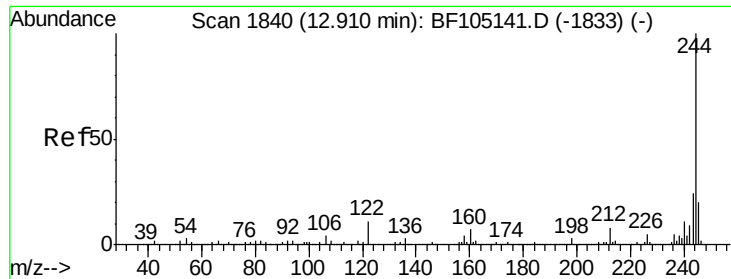
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF105355.D
Acq: 12 May 2018 23:00

Tgt Ion:240 Resp: 312025
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.3 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: 112.98 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105355.D

Acq: 12 May 2018 23:00

Instrument :

BNA_F

ClientSampleId :

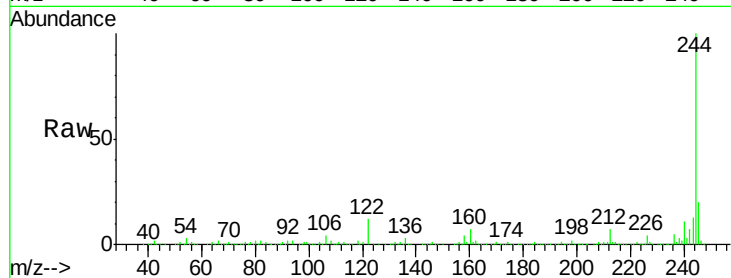
Tot Ion:244 Resp: 1639933

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

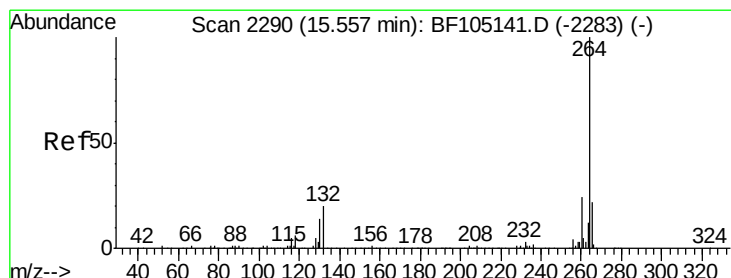
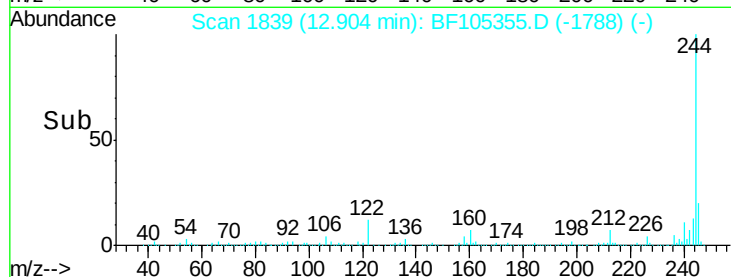
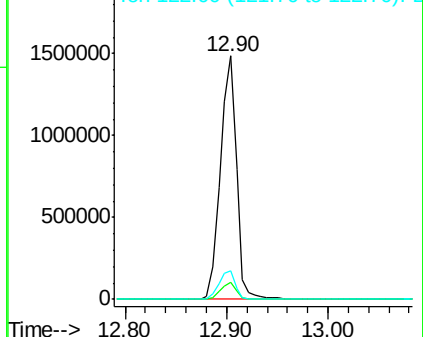
122 11.7 11.0 16.4



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: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF105355.D

Acq: 12 May 2018 23:00

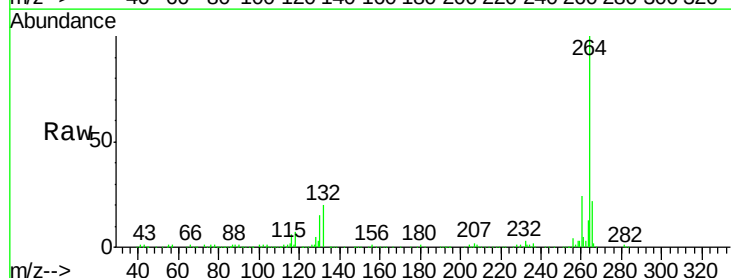
Tgt Ion:264 Resp: 352789

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.2 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

