

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105353.D
 Acq On : 12 May 2018 22:08
 Operator : JU/SJ
 Sample : J2834-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:55:07 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

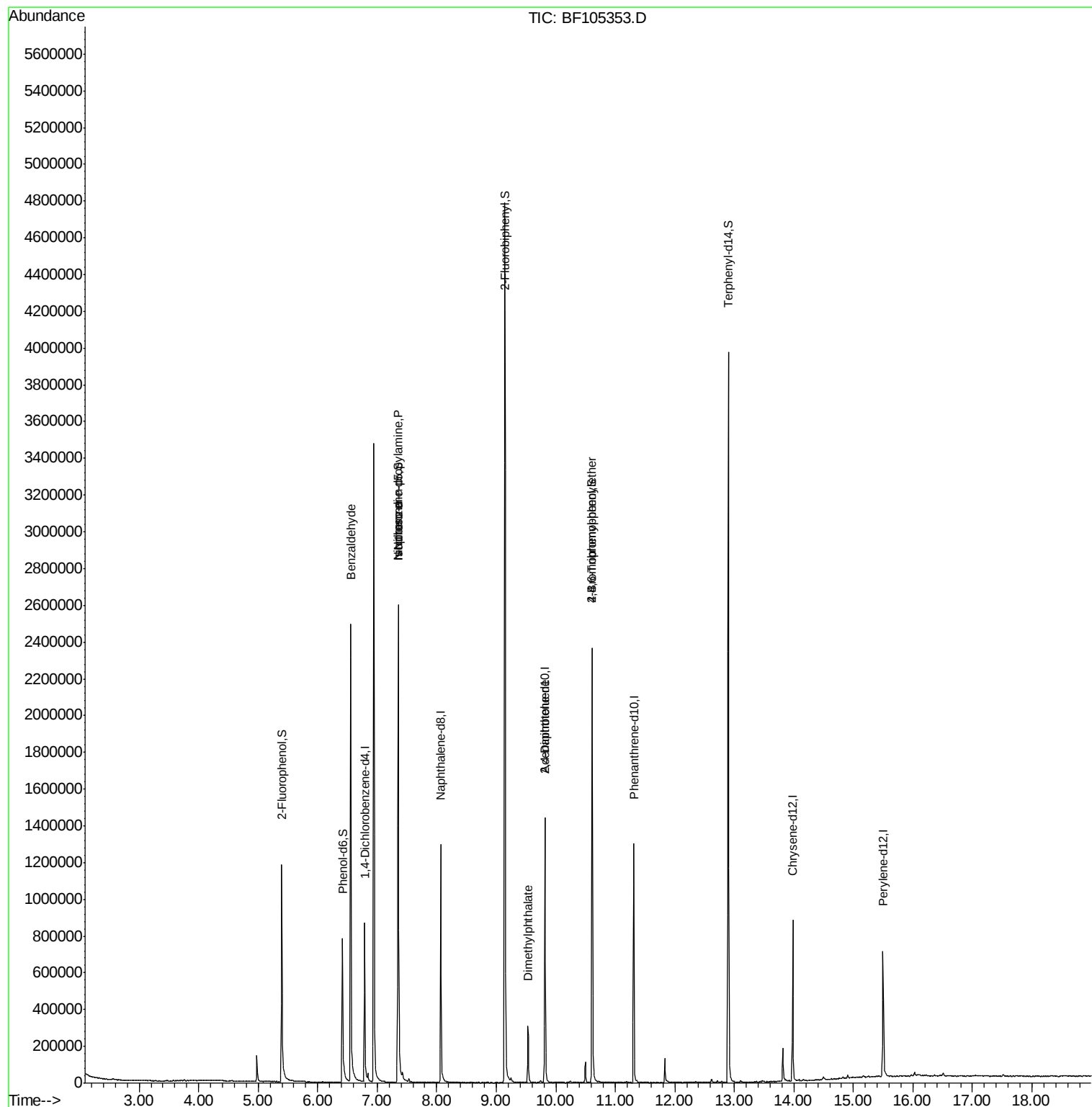
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141079	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	598835	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	269882	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	487132	20.00	ng	0.00
75) Chrysene-d12	13.98	240	313418	20.00	ng	-0.04
86) Perylene-d12	15.50	264	347197	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	421672	44.95	ng	0.00
7) Phenol-d6	6.42	99	320999	28.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	1042138	101.29	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	335640	96.26	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1723112	92.02	ng	0.00
78) Terphenyl-d14	12.90	244	1621248	111.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	17642	2.33	ng	# 82
19) n-Nitroso-di-n-propylamine	7.36	70	141710	20.11	ng	# 81
25) Isophorone	7.36	82	1042130	53.51	ng	# 64
49) Dimethylphthalate	9.53	163	131986	6.37	ng	99
56) 2,4-Dinitrotoluene	9.82	165	33973	5.72	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	18036	3.33	ng	# 1

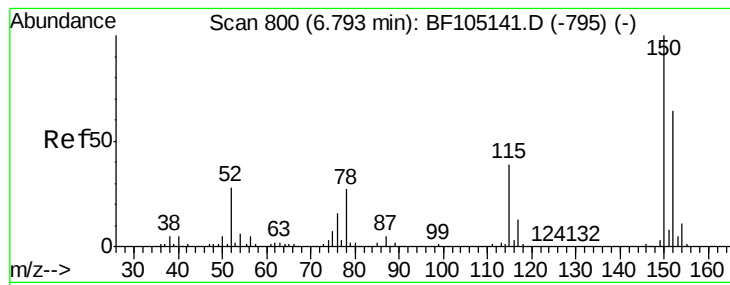
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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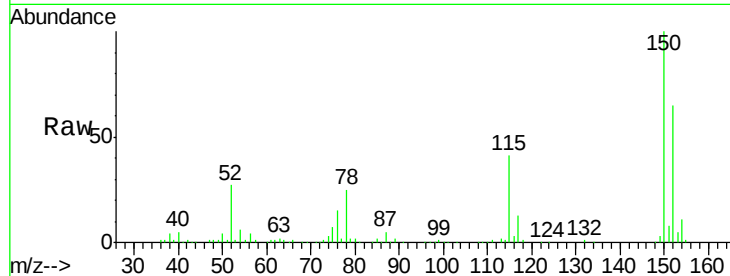


#1

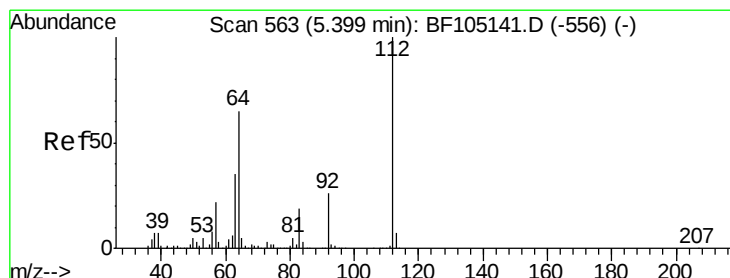
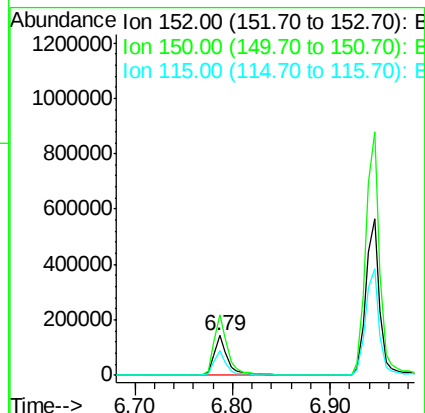
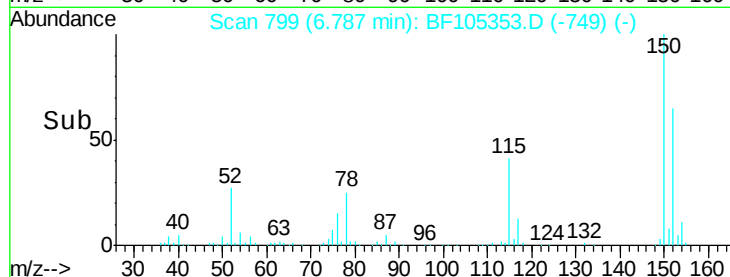
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105353.D
Acq: 12 May 2018 22:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 141079
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 63.0 50.1 75.1



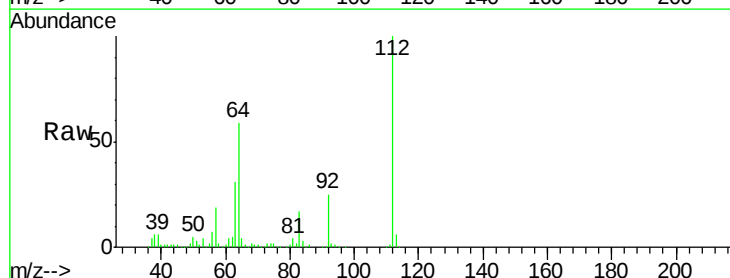
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



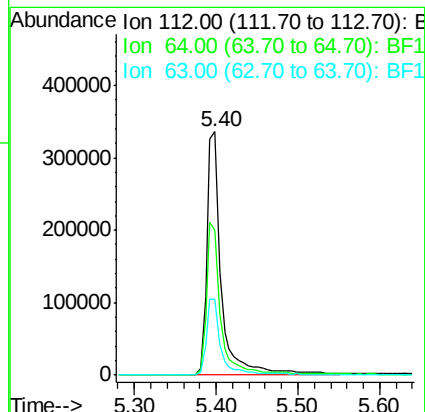
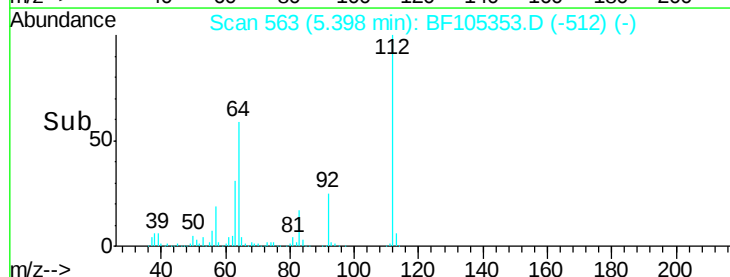
#5

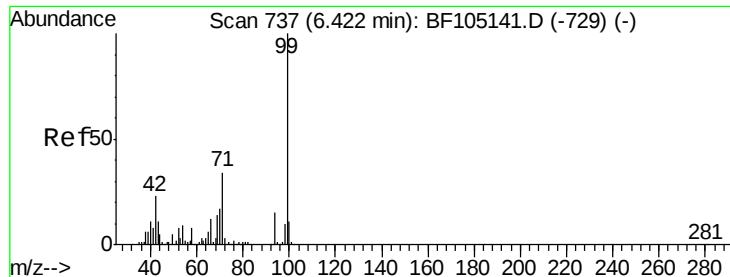
2-Fluorophenol
Concen: 44.95 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF105353.D
Acq: 12 May 2018 22:08

Tgt Ion:112 Resp: 421672
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 31.2 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: 28.80 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

Instrument :

BNA_F

ClientSampleId :

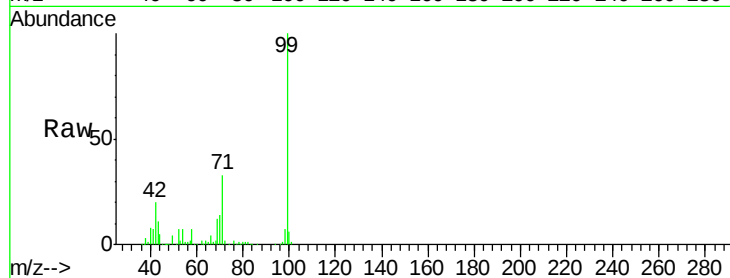
Tot Ion: 99 Resp: 320999

Ion Ratio Lower Upper

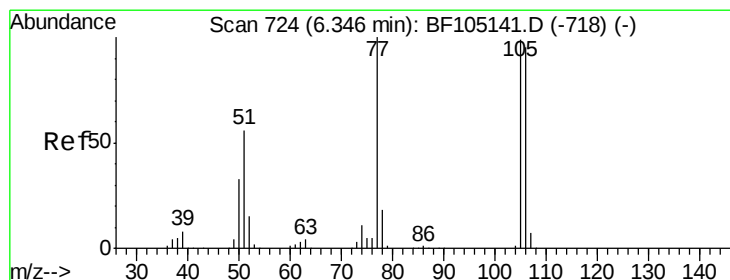
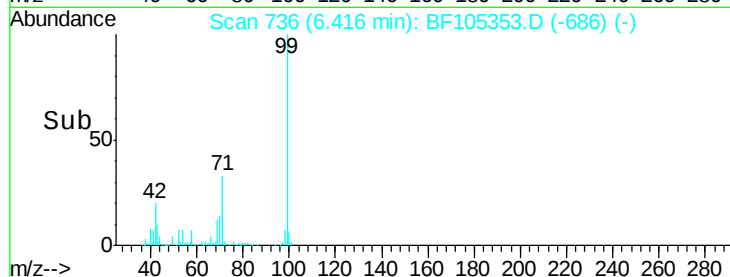
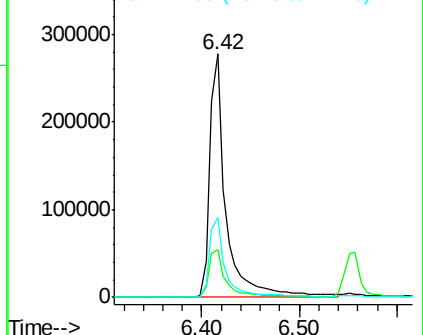
99 100

42 19.5 14.5 21.7

71 32.5 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: 2.33 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

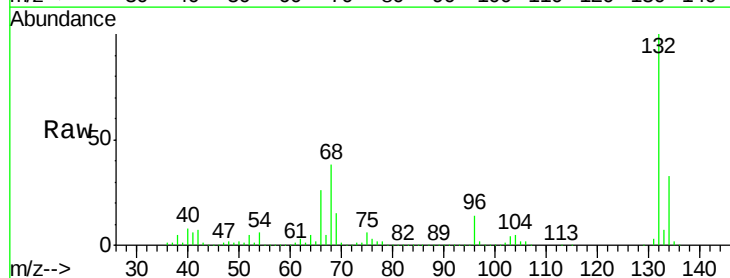
Tgt Ion: 77 Resp: 17642

Ion Ratio Lower Upper

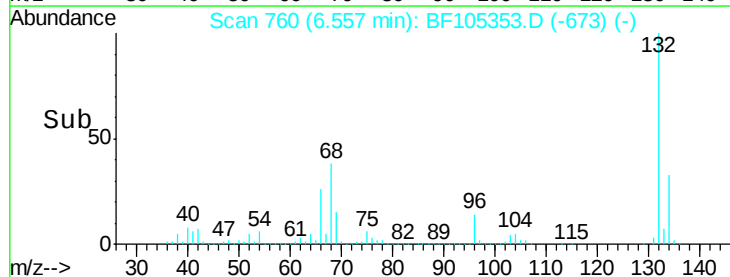
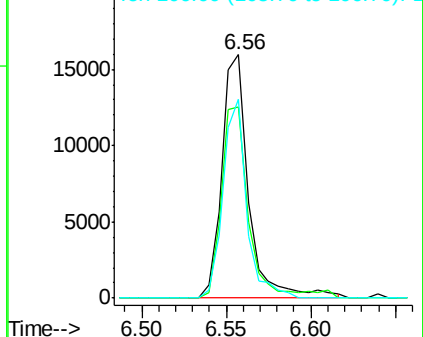
77 100

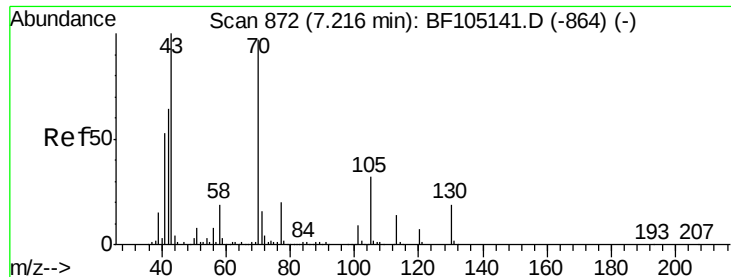
105 78.3 81.1 121.1#

106 81.8 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

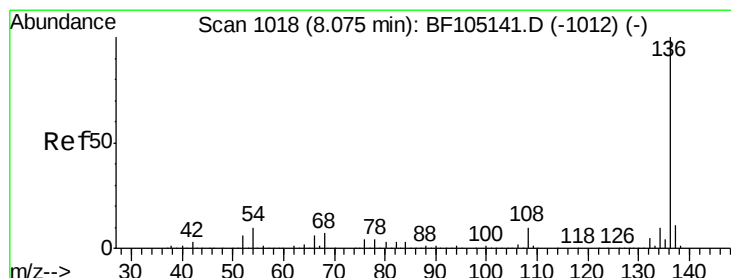
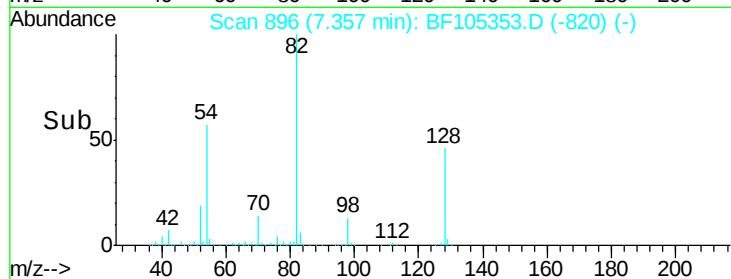
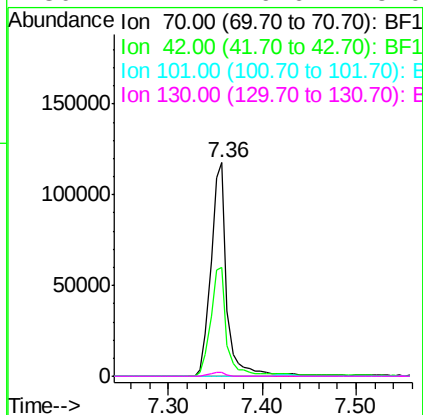
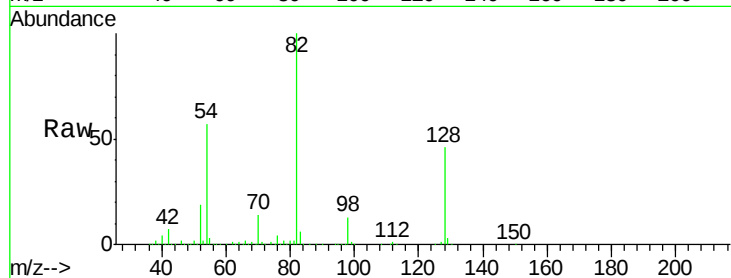




#19
n-Nitroso-di-n-propylamine
Concen: 20.11 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105353.D
Acq: 12 May 2018 22:08

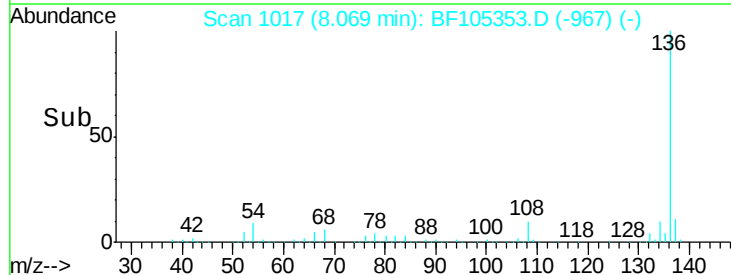
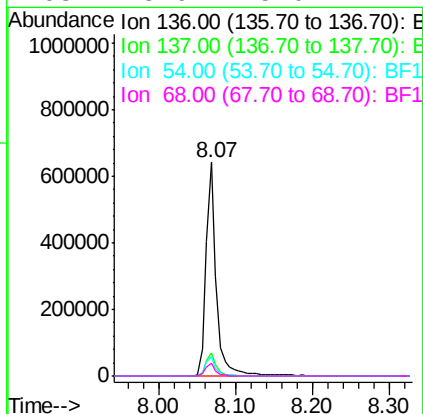
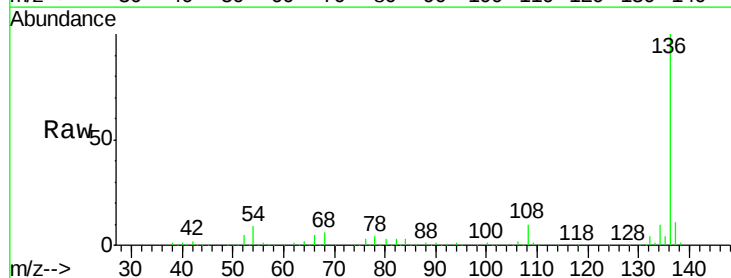
Instrument :
BNA_F
ClientSampleId :

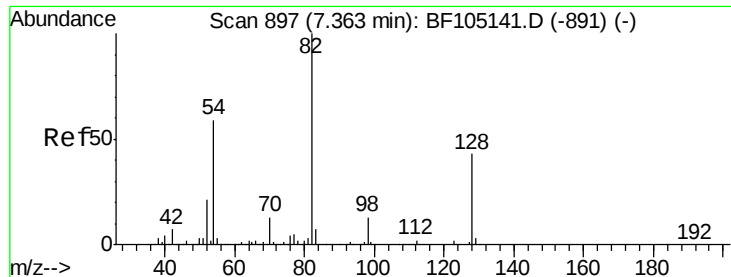
Tot Ion: 70 Resp: 141710
Ion Ratio Lower Upper
70 100
42 51.2 47.5 71.3
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105353.D
Acq: 12 May 2018 22:08

Tgt Ion: 136 Resp: 598835
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.8 6.6 9.8
68 5.9 5.0 7.4



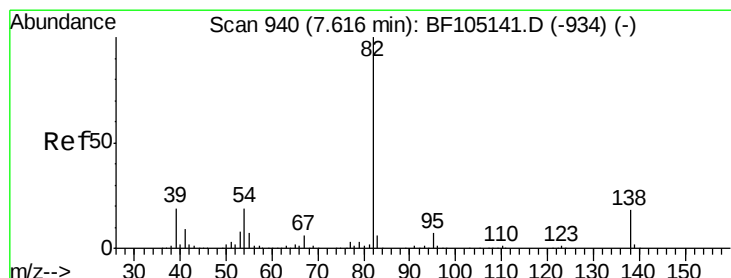
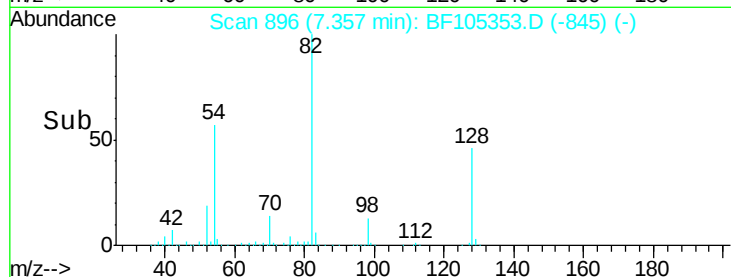
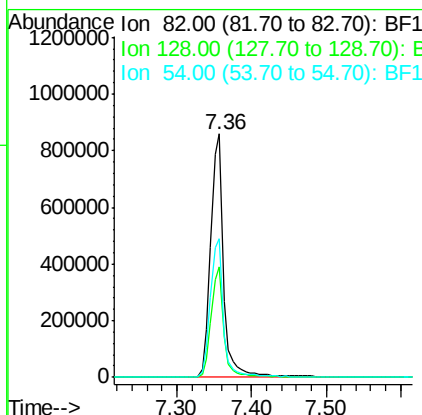
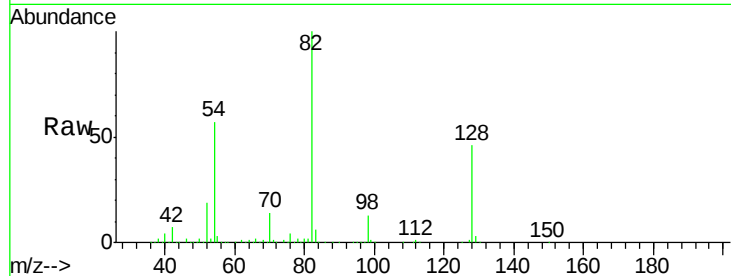


#23
 Nitrobenzene-d5
 Concen: 101.29 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1042138

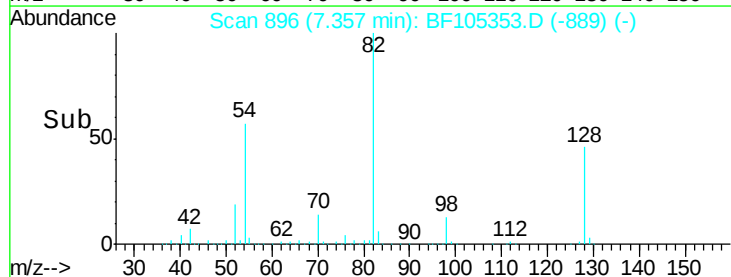
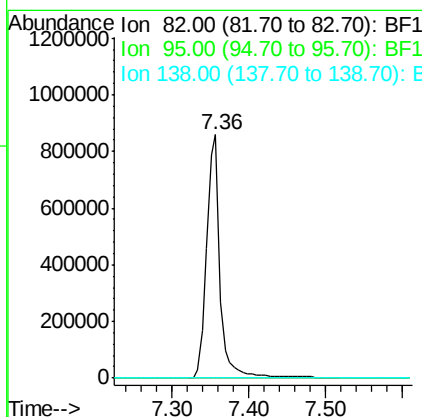
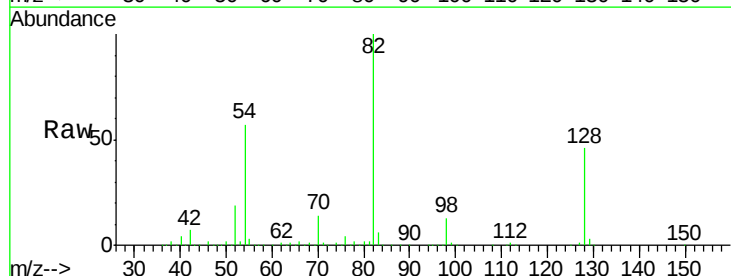
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	56.9	41.4	62.2

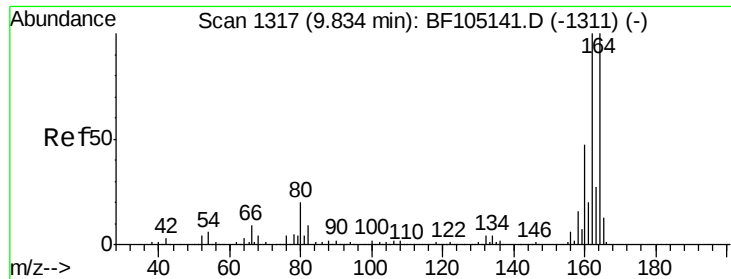


#25
 Isophorone
 Concen: 53.51 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

Tgt Ion: 82 Resp: 1042130

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

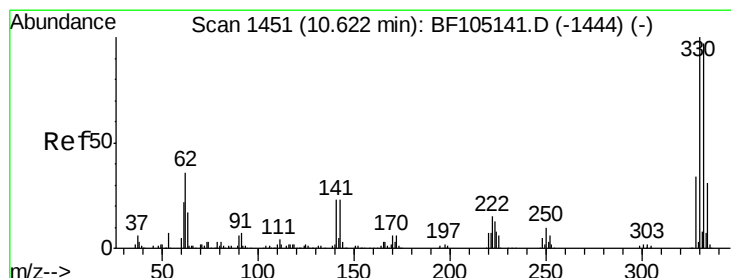
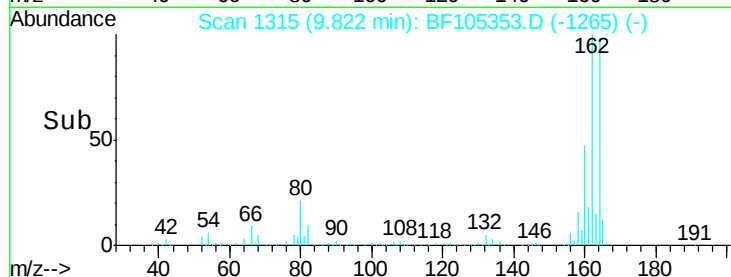
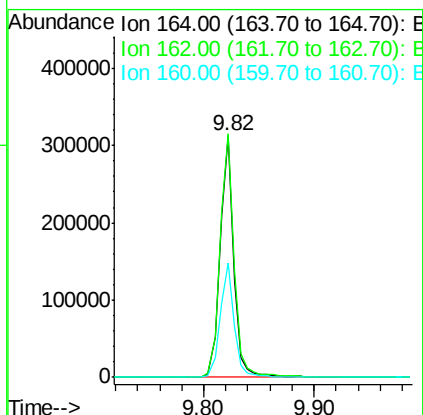
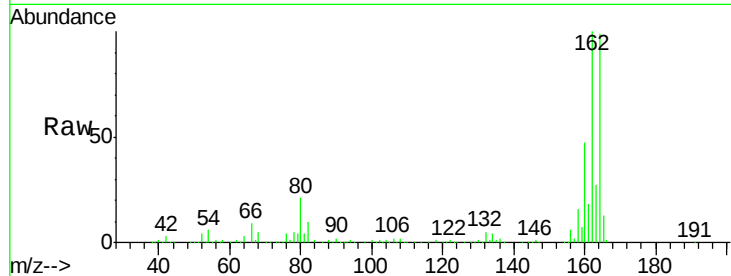




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

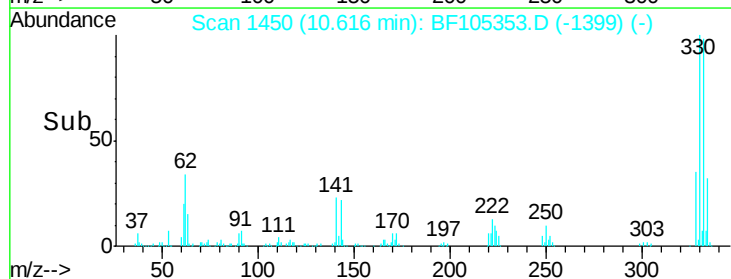
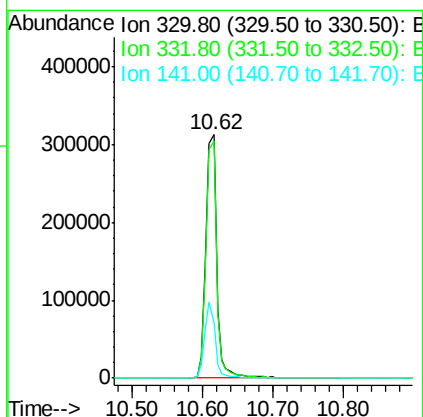
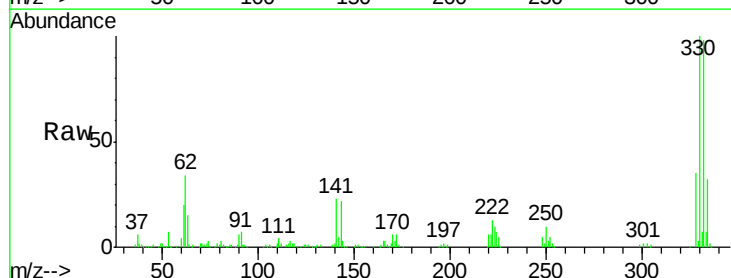
Instrument :
 BNA_F
 ClientSampleId :

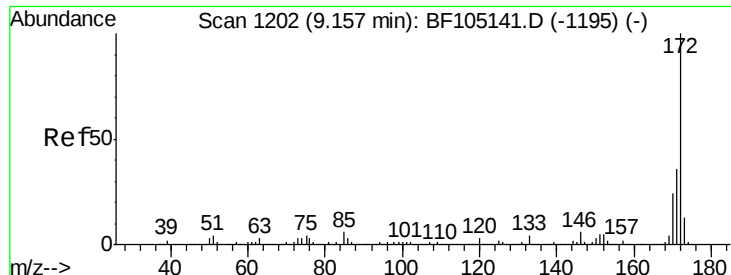
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	47.2	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 96.26 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.4	29.9	44.9



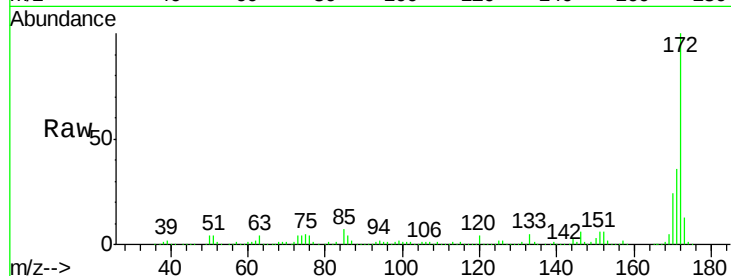


#44
 2-Fluorobiphenyl
 Concen: 92.02 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

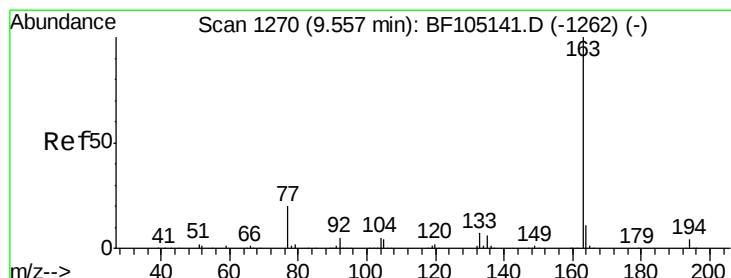
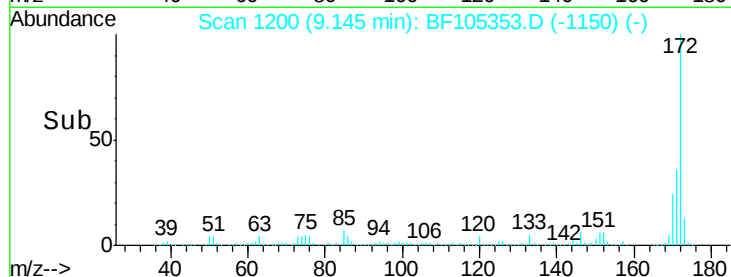
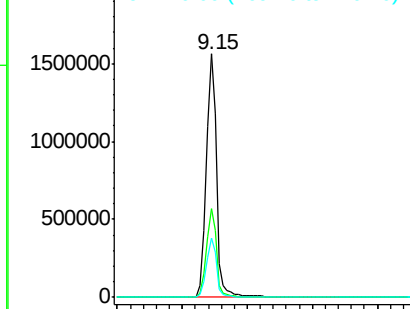
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1723112

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



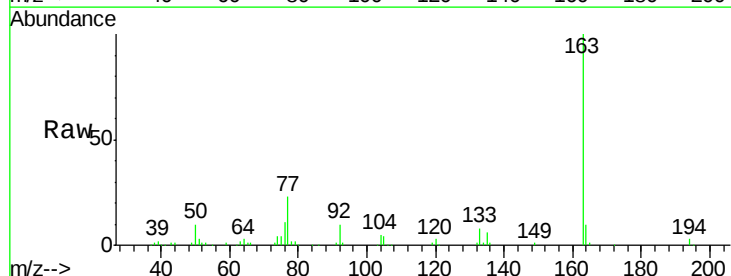
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



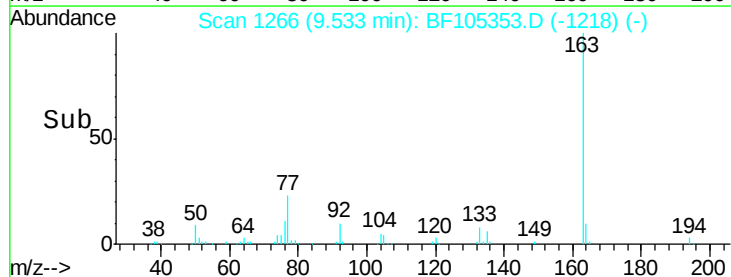
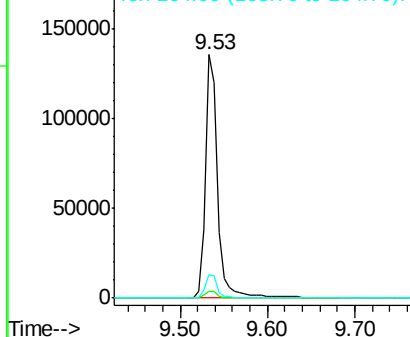
#49
 Dimethylphthalate
 Concen: 6.37 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

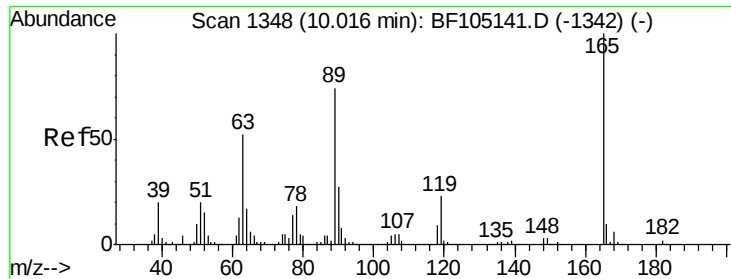
Tgt Ion:163 Resp: 131986

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	9.7	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

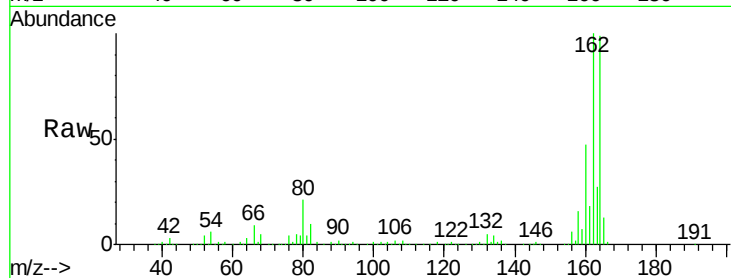




#56
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105353.D
Acq: 12 May 2018 22:08

Instrument :
BNA_F
ClientSampleId :

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

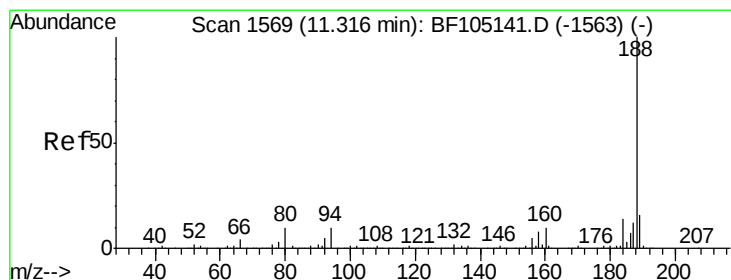
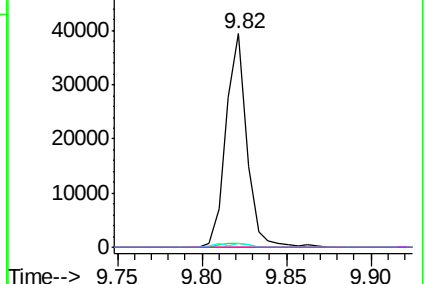
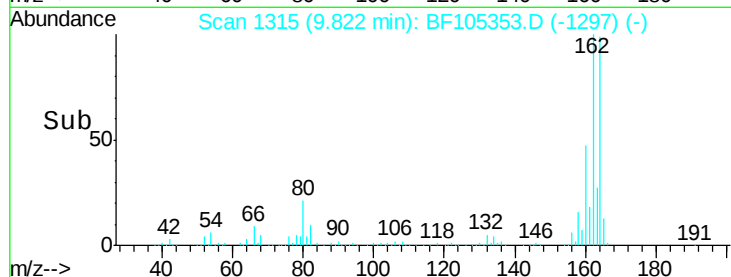


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

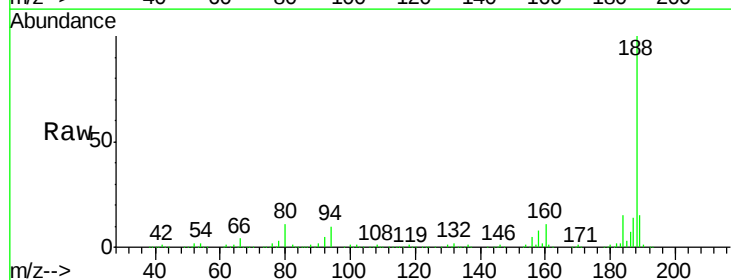
Ion 89.00 (88.70 to 89.70): BF1

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: BF105353.D
Acq: 12 May 2018 22:08

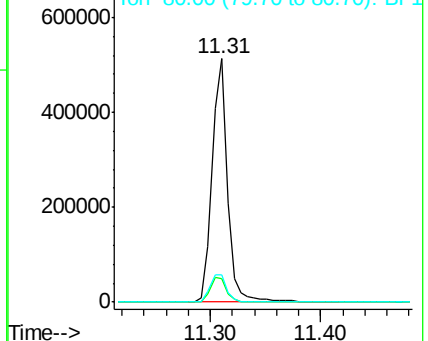
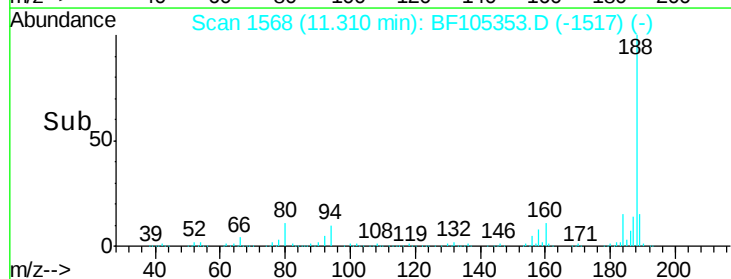
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.0	9.2	13.8

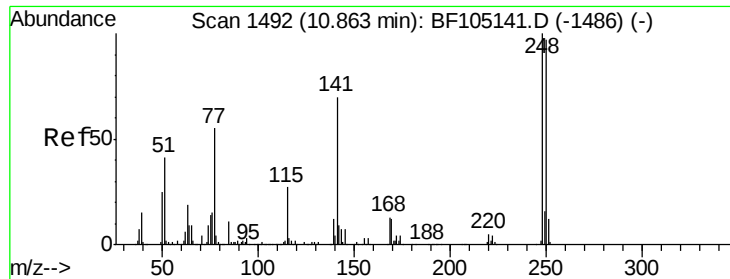


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

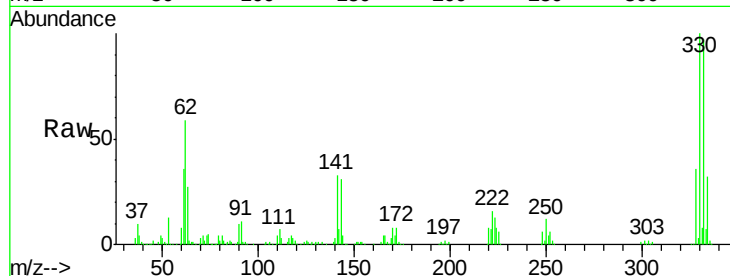




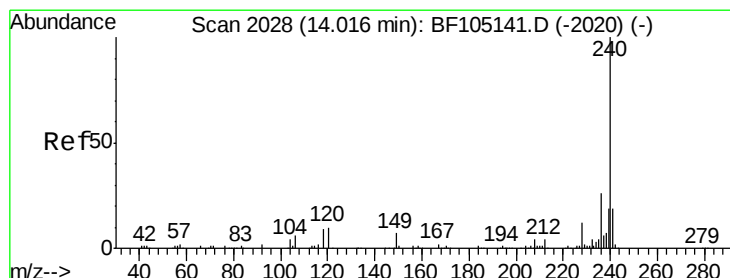
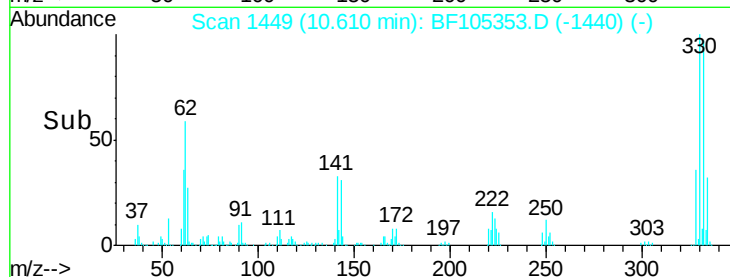
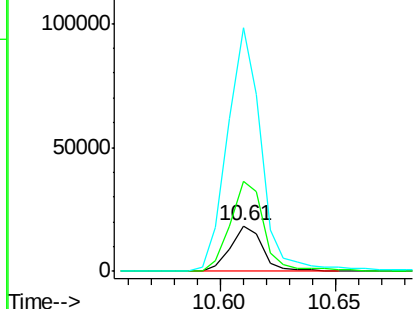
#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF105353.D
Acq: 12 May 2018 22:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18036
Ion Ratio Lower Upper
248 100
250 198.7 76.9 115.3#
141 533.9 74.4 111.6#

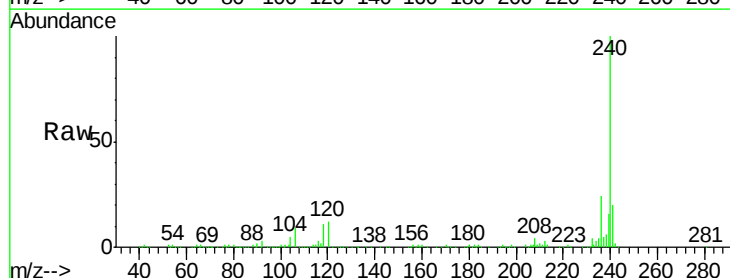


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

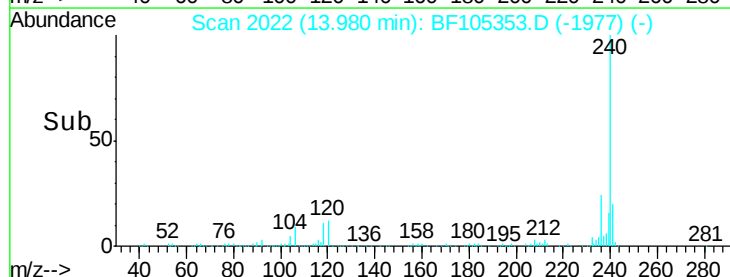
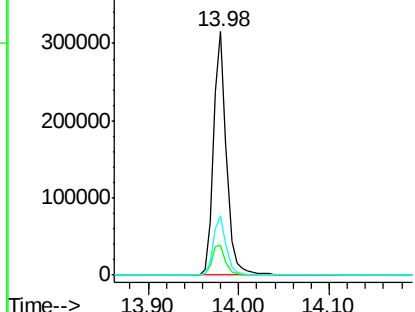


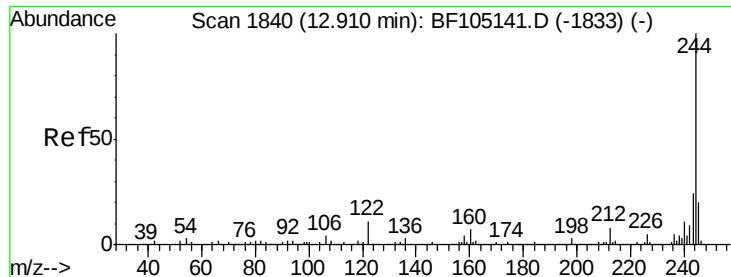
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF105353.D
Acq: 12 May 2018 22:08

Tgt Ion:240 Resp: 313418
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 24.3 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

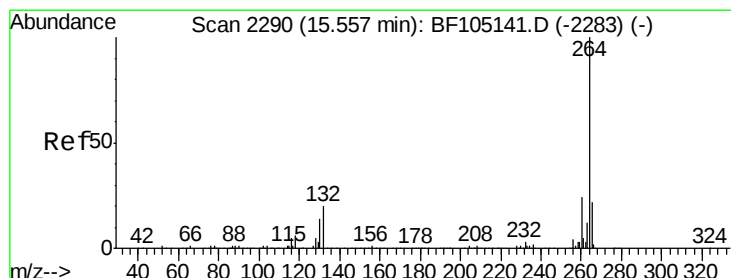
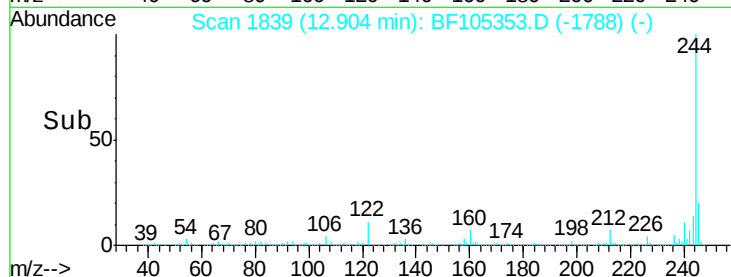
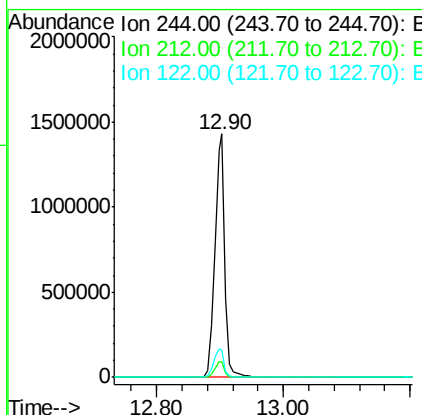
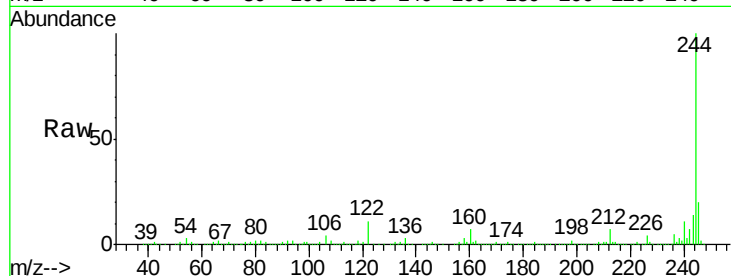




#78
 Terphenyl-d14
 Concen: 111.20 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1621248
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.06 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

Tgt Ion:264 Resp: 347197
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.4 17.5 26.3

