

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105344.D
 Acq On : 12 May 2018 18:13
 Operator : JU/SJ
 Sample : J2835-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:52:07 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

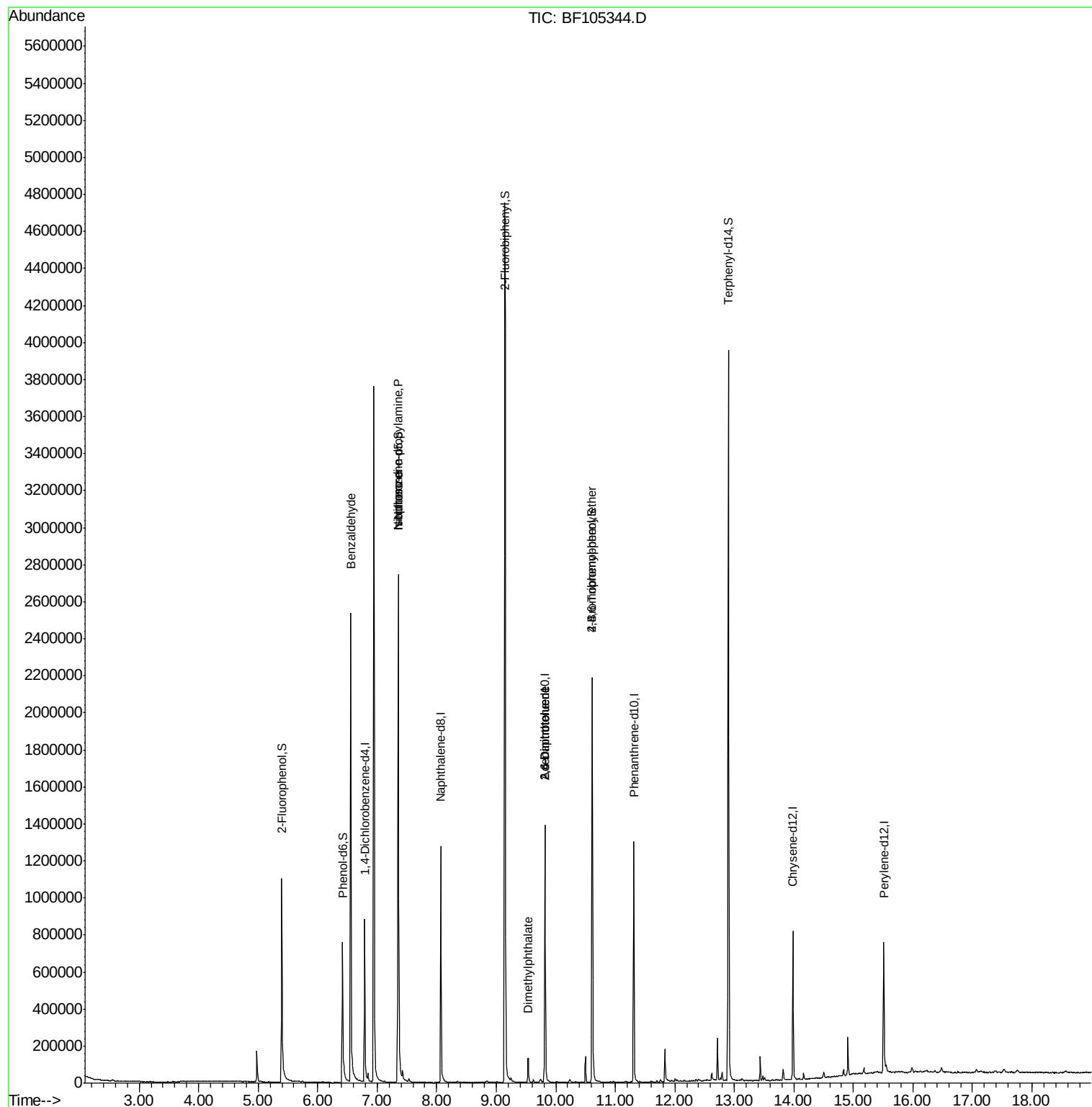
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	138320	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	574873	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	253910	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	458066	20.00	ng	0.00
75) Chrysene-d12	13.99	240	291764	20.00	ng	-0.03
86) Perylene-d12	15.51	264	327210	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	389135	42.31	ng	0.00
7) Phenol-d6	6.42	99	288473	26.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	1039147	105.21	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	312766	95.34	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1691497	96.02	ng	0.00
78) Terphenyl-d14	12.90	244	1524271	112.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	16213	2.18	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	7.36	70	140099	20.28	ng	# 81
25) Isophorone	7.36	82	1039140	55.58	ng	# 64
49) Dimethylphthalate	9.54	163	58423	3.00	ng	99
50) 2,6-Dinitrotoluene	9.82	165	32945	7.68	ng	# 27
56) 2,4-Dinitrotoluene	9.82	165	32945	5.90	ng	# 24
66) 4-Bromophenyl-phenylether	10.62	248	17200	3.38	ng	# 1

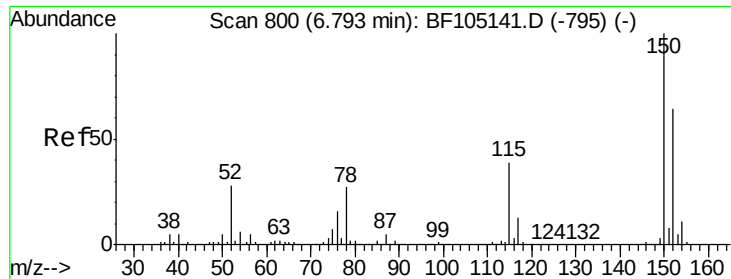
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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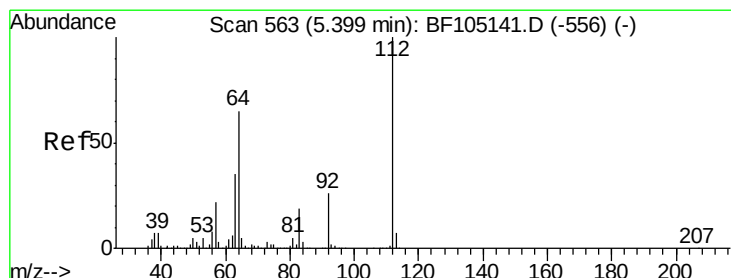
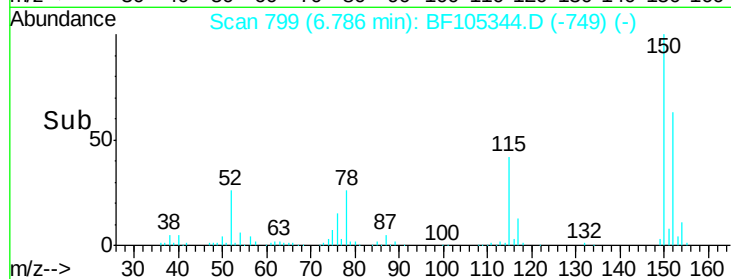
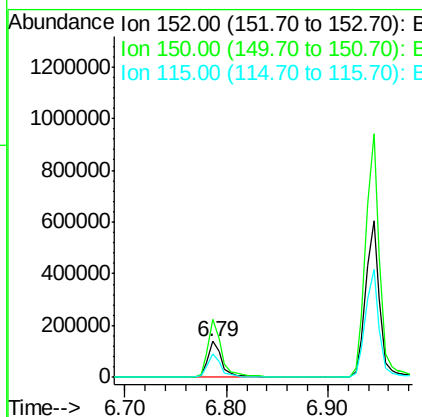
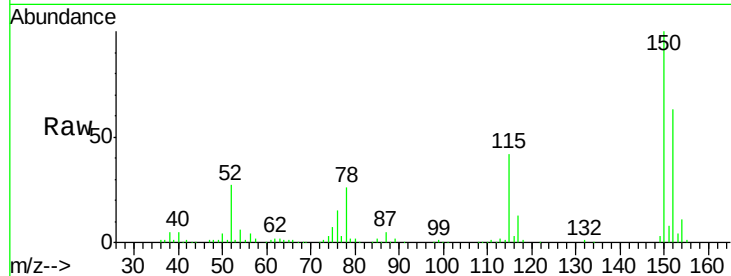




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

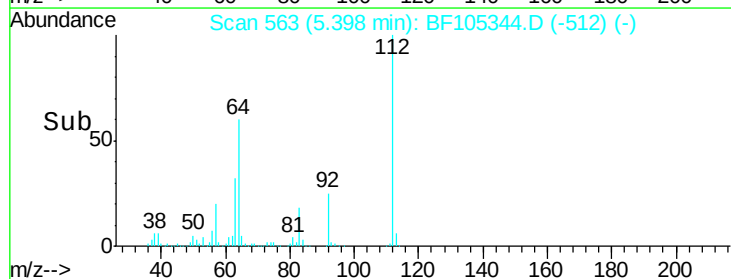
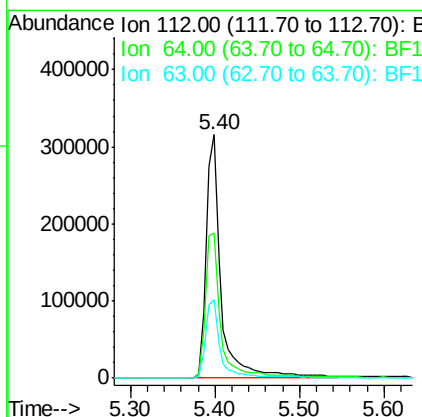
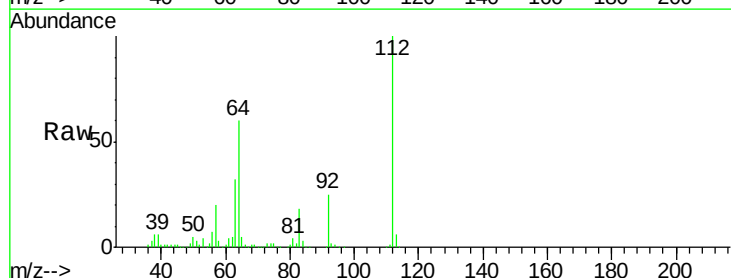
Instrument :
 BNA_F
 ClientSampleId :

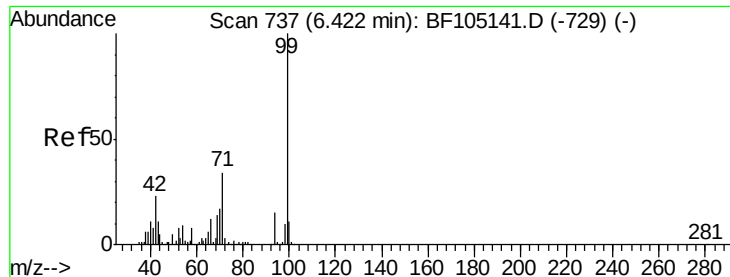
Tot Ion:152 Resp: 138320
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 66.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 42.31 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

Tgt Ion:112 Resp: 389135
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 26.40 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

Instrument :

BNA_F

ClientSampleId :

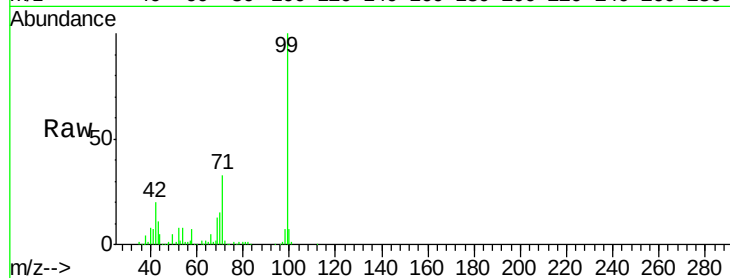
Tot Ion: 99 Resp: 288473

Ion Ratio Lower Upper

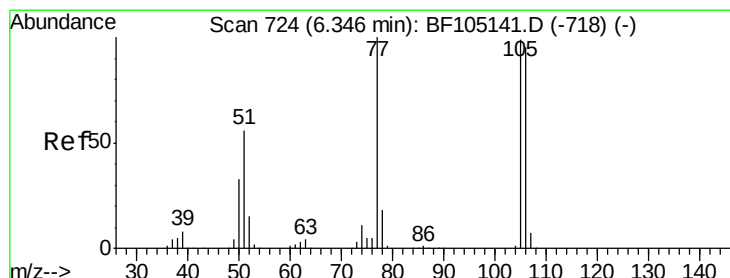
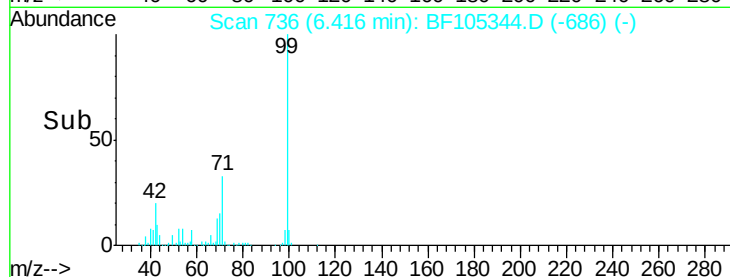
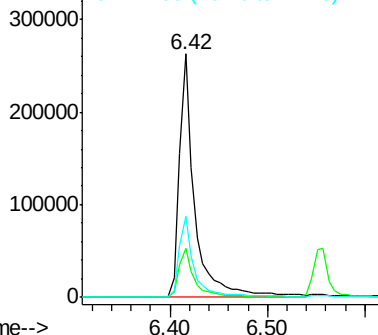
99 100

42 20.1 14.5 21.7

71 33.3 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: 2.18 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

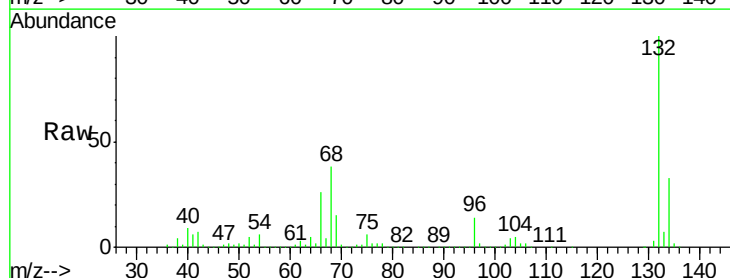
Tgt Ion: 77 Resp: 16213

Ion Ratio Lower Upper

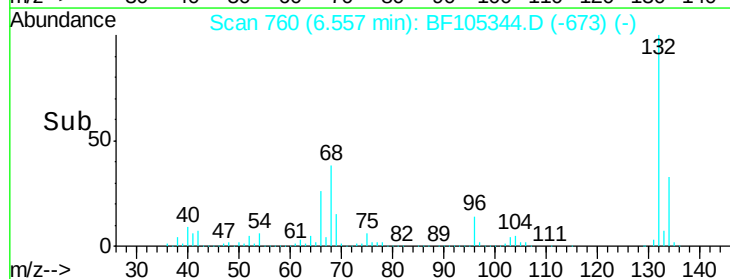
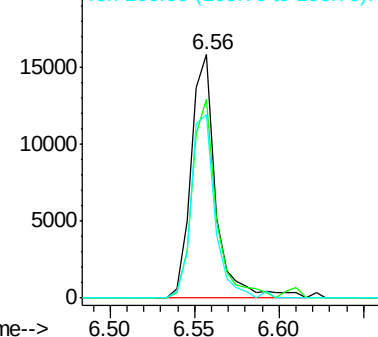
77 100

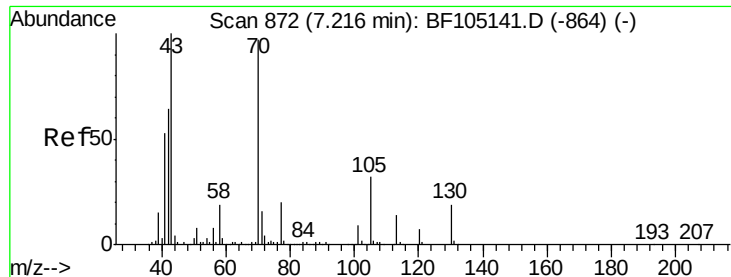
105 81.5 81.1 121.1

106 75.4 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

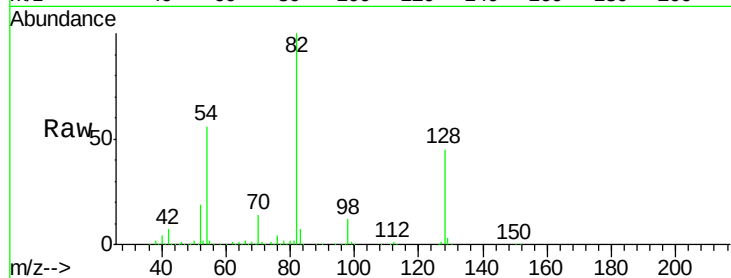




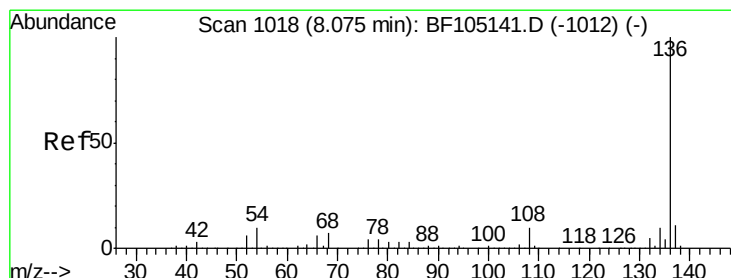
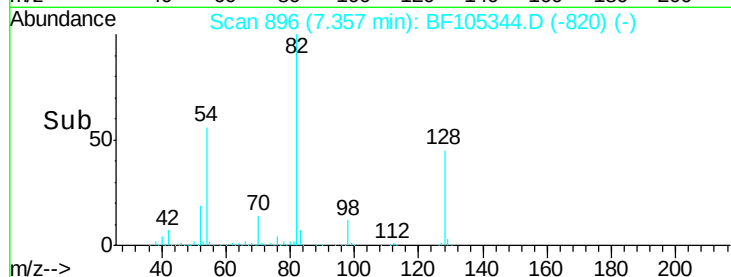
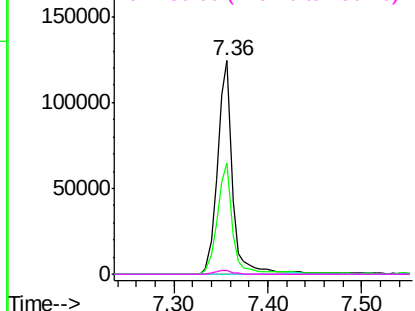
#19
n-Nitroso-di-n-propylamine
Concen: 20.28 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 140099
Ion Ratio Lower Upper
70 100
42 52.0 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#

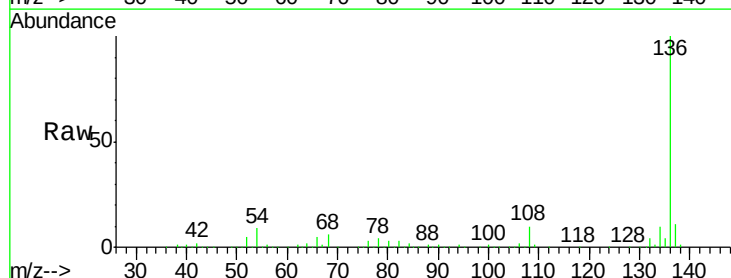


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

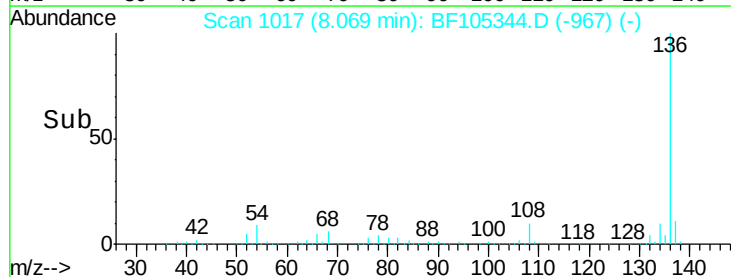
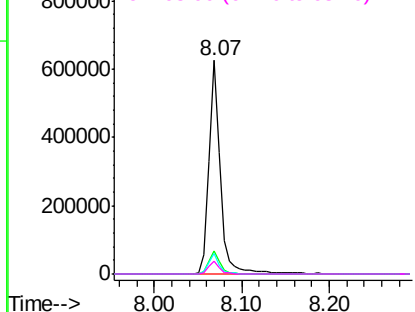


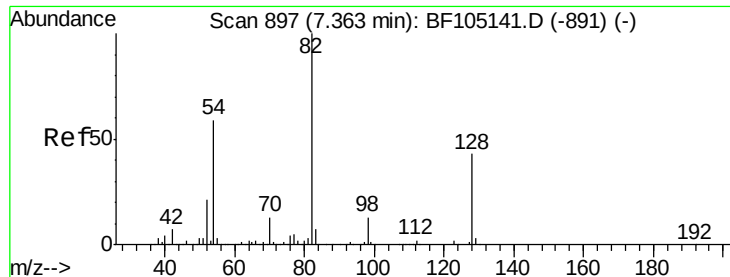
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

Tgt Ion: 136 Resp: 574873
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.5 6.6 9.8
68 6.3 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



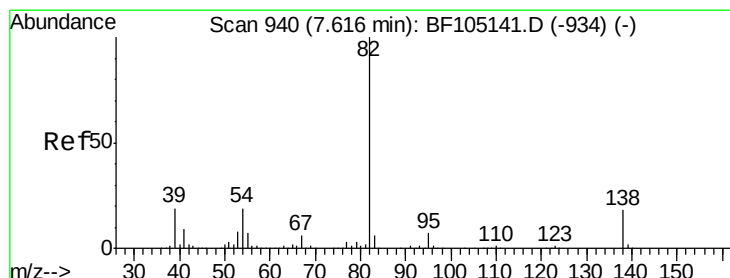
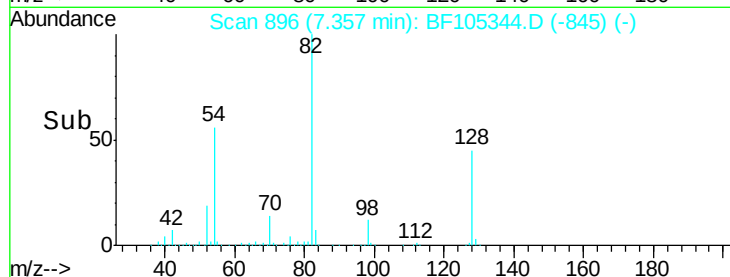
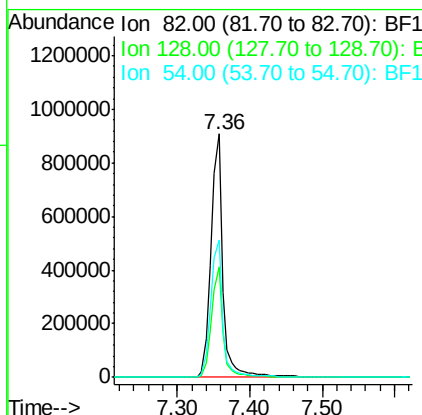
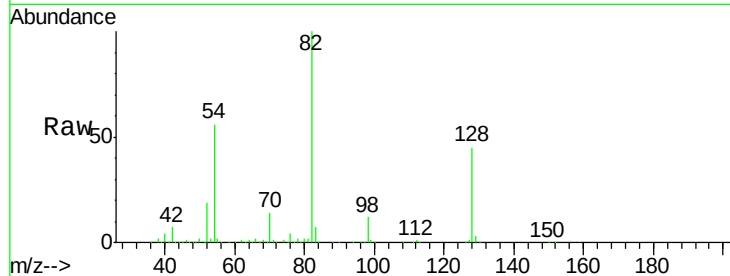


#23
 Nitrobenzene-d5
 Concen: 105.21 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1039147

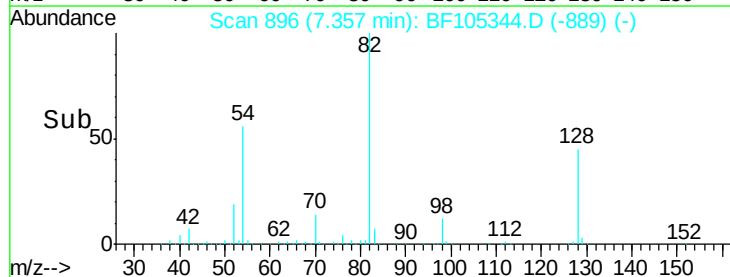
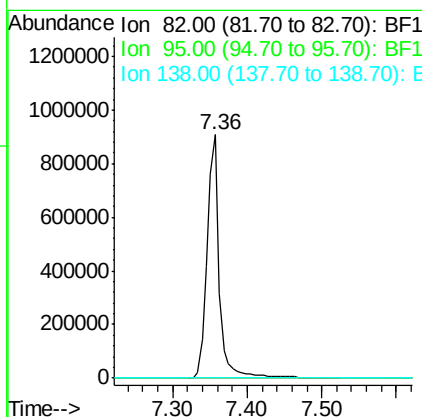
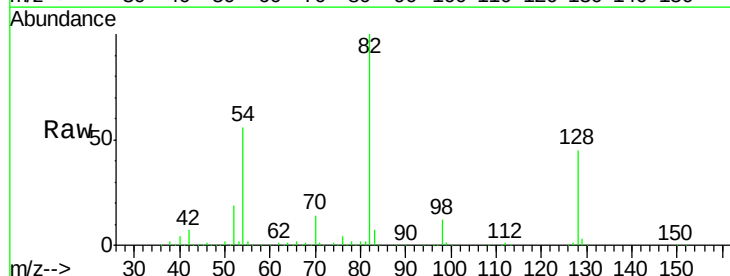
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	56.3	41.4	62.2

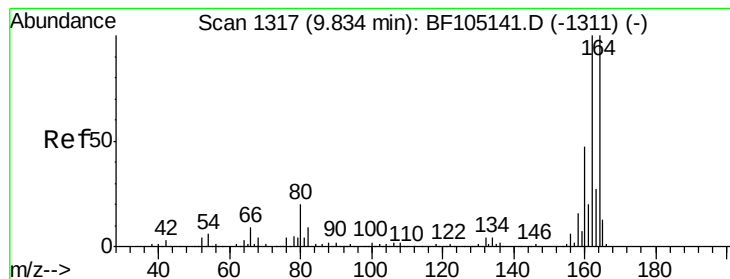


#25
 Isophorone
 Concen: 55.58 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

Tgt Ion: 82 Resp: 1039140

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: BF105344.D

Acq: 12 May 2018 18:13

Instrument :

BNA_F

ClientSampleId :

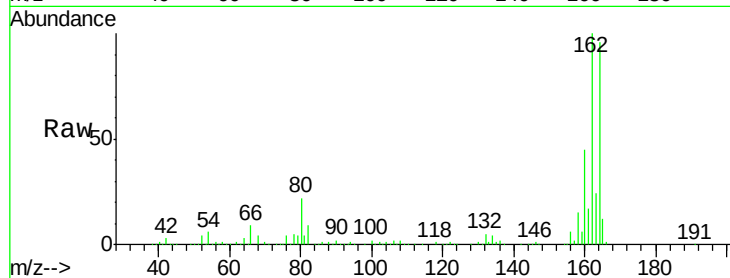
Tot Ion:164 Resp: 253910

Ion Ratio Lower Upper

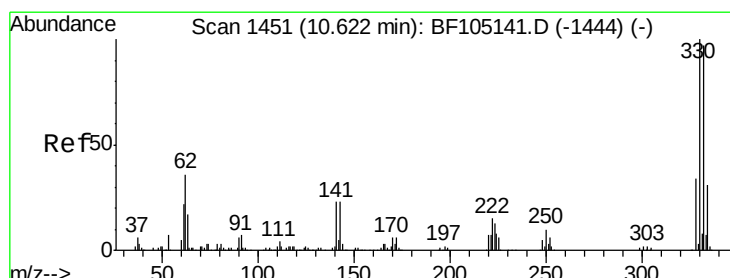
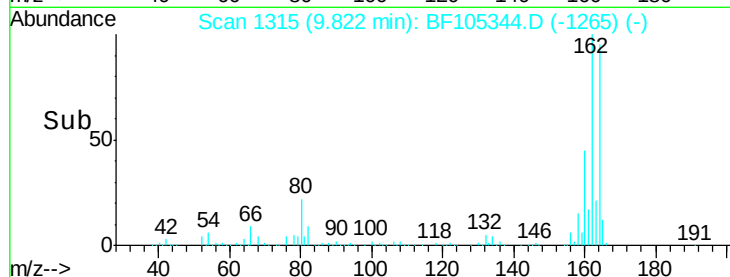
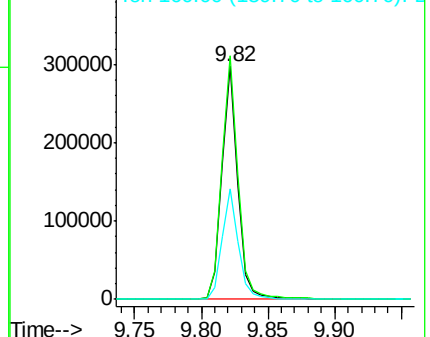
164 100

162 104.5 86.1 129.1

160 47.4 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: 95.34 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

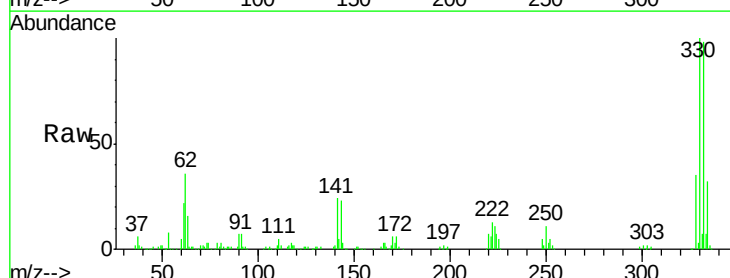
Tgt Ion:330 Resp: 312766

Ion Ratio Lower Upper

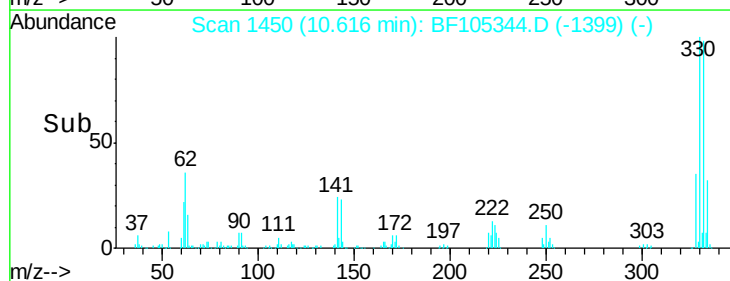
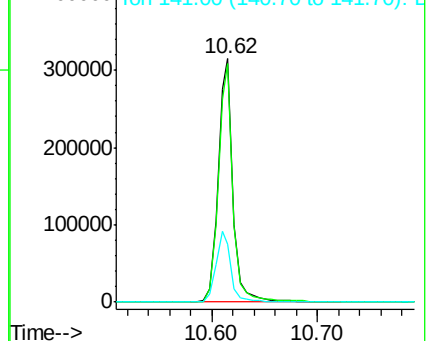
330 100

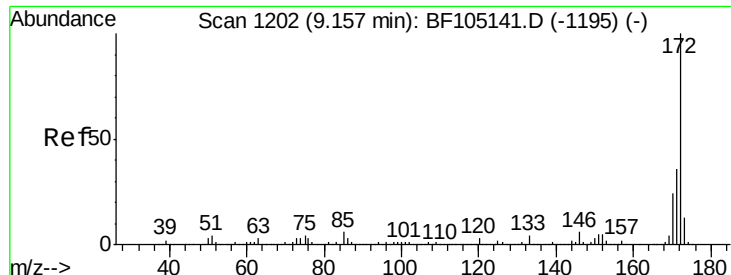
332 96.9 77.0 115.6

141 29.5 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

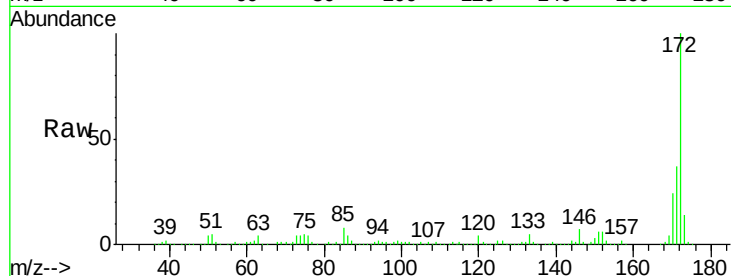




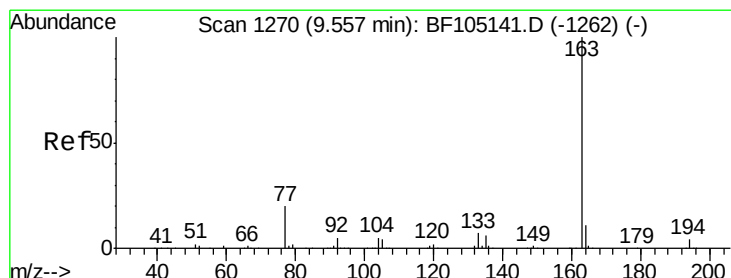
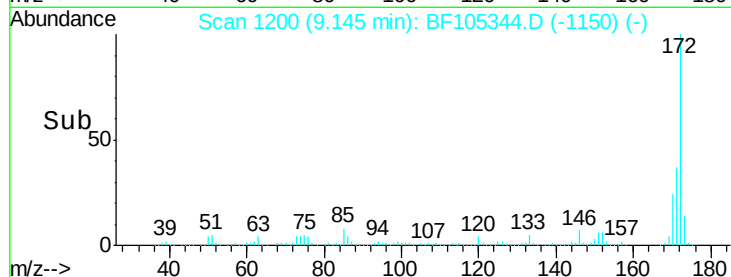
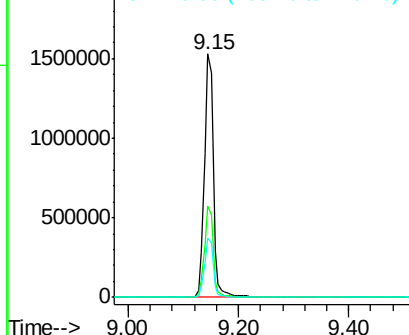
#44
2-Fluorobiphenyl
Concen: 96.02 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1691497
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.4 19.6 29.4

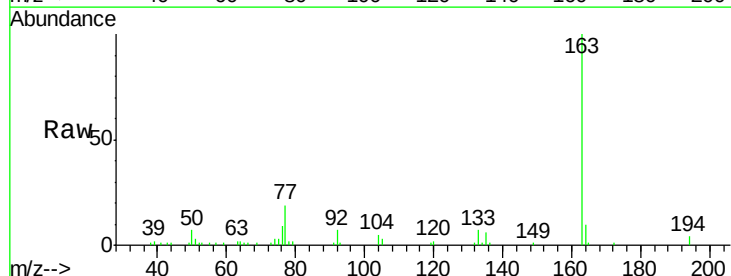


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

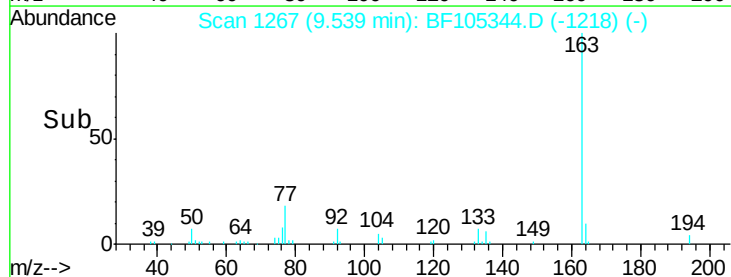
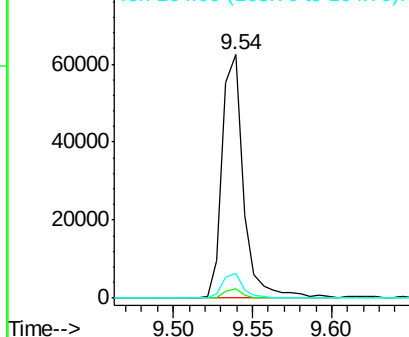


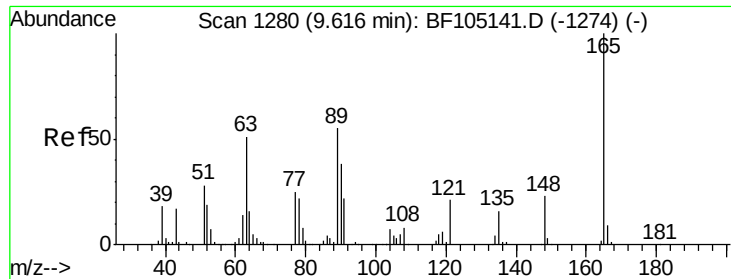
#49
Dimethylphthalate
Concen: 3.00 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

Tgt Ion:163 Resp: 58423
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 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

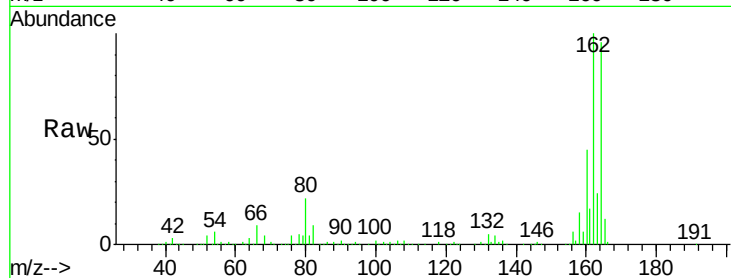




#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :

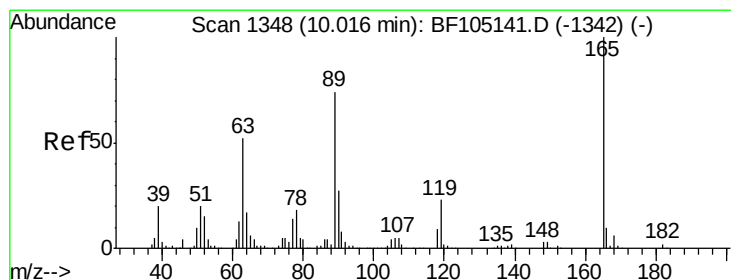
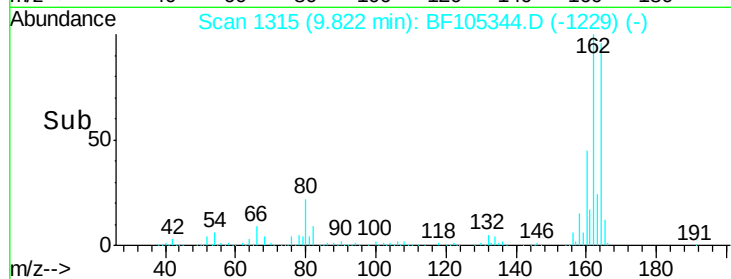
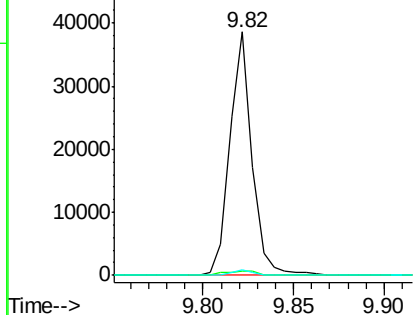
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.3	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

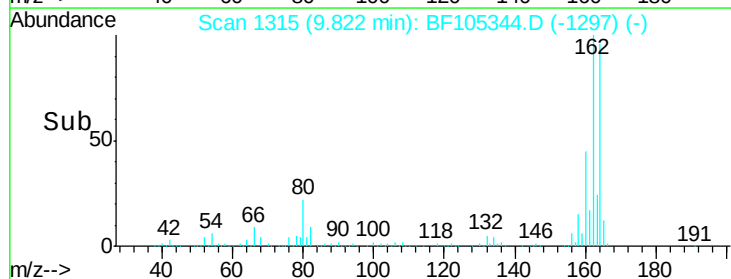
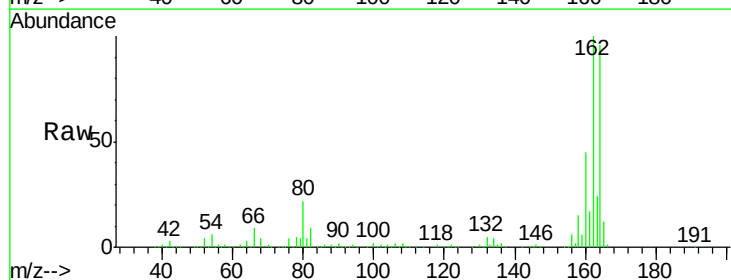
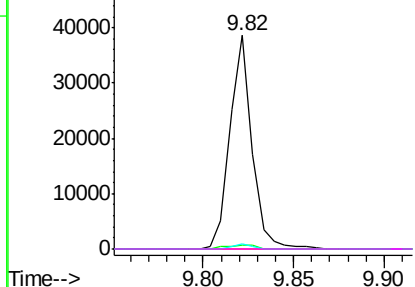
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#

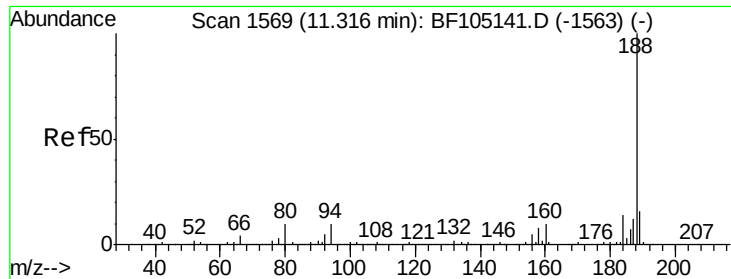
Abundance Ion 165.00 (164.70 to 165.70): E

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

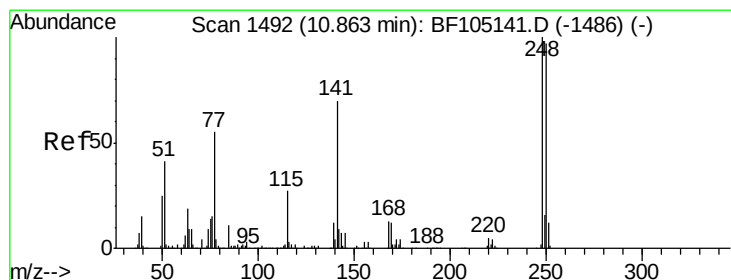
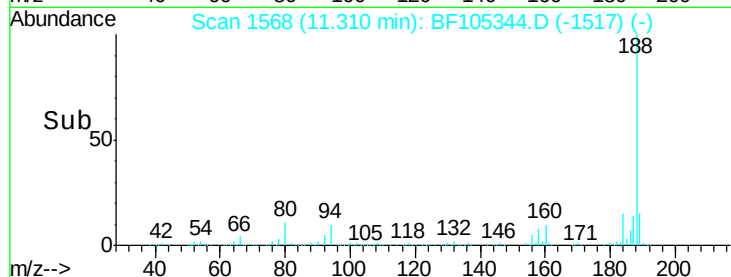
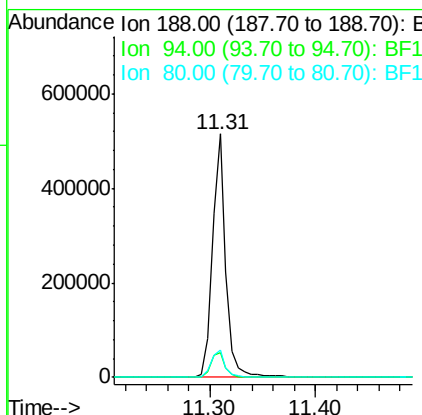
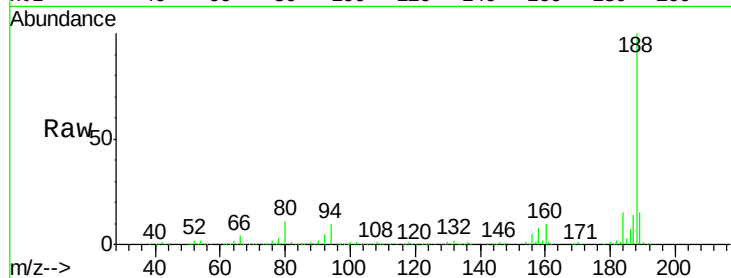




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

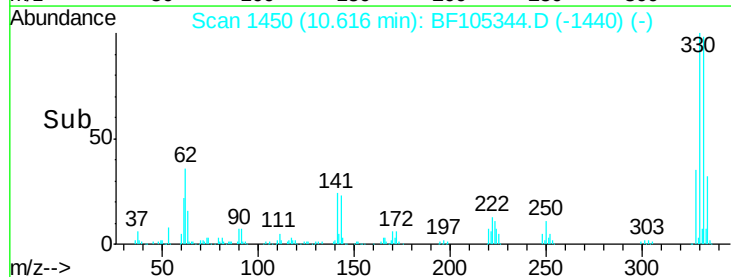
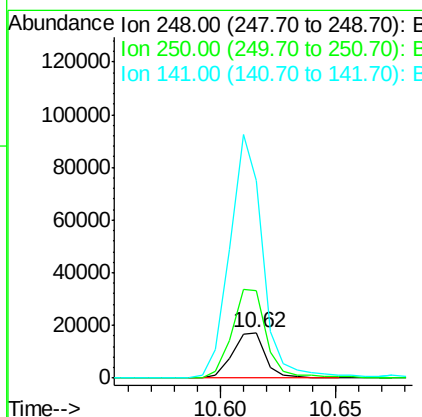
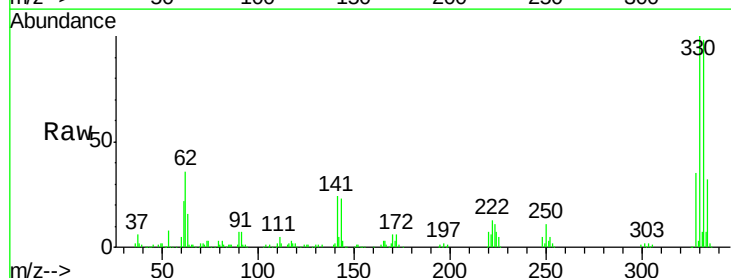
Instrument :
BNA_F
ClientSampleId :

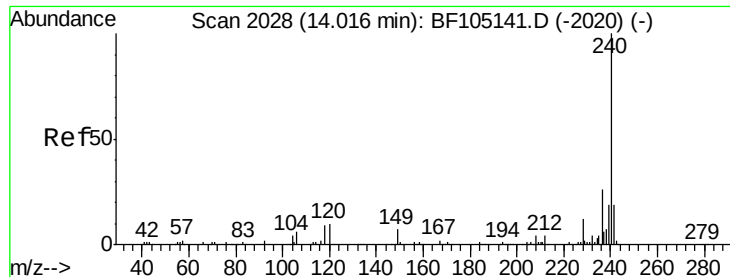
Tot Ion:188 Resp: 458066
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

Tgt Ion:248 Resp: 17200
Ion Ratio Lower Upper
248 100
250 193.3 76.9 115.3#
141 435.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.03 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

Instrument :

BNA_F

ClientSampleId :

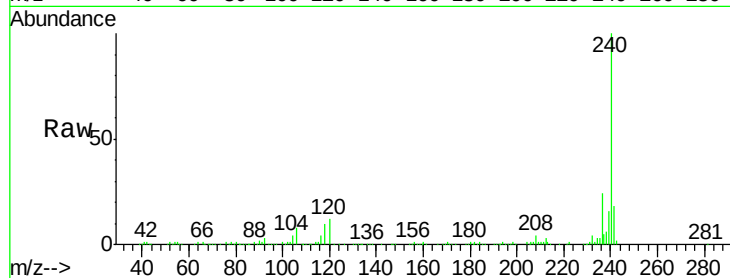
Tot Ion:240 Resp: 291764

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

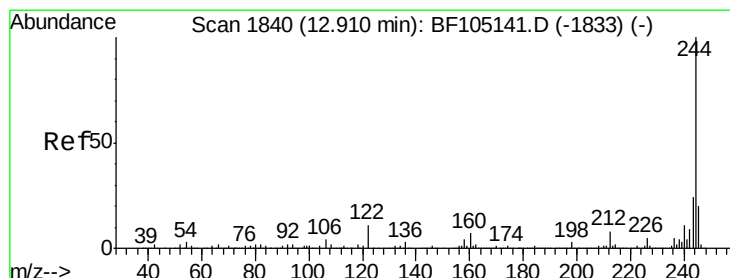
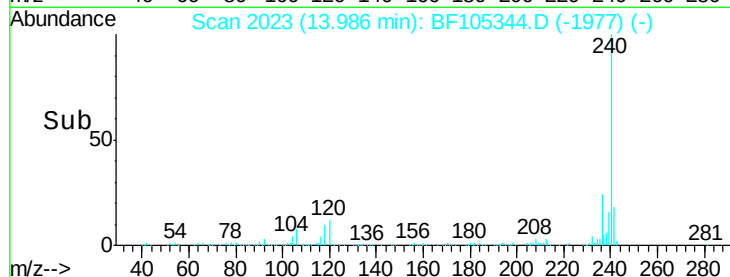
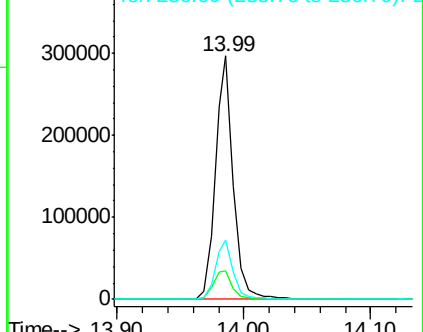
236 24.2 20.7 31.1



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: 112.31 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

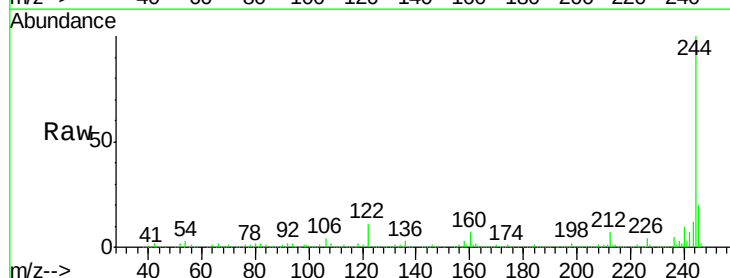
Tgt Ion:244 Resp: 1524271

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

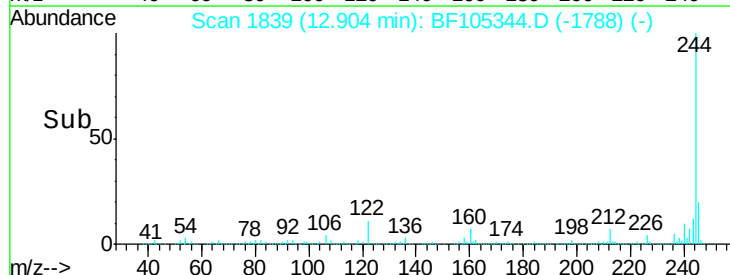
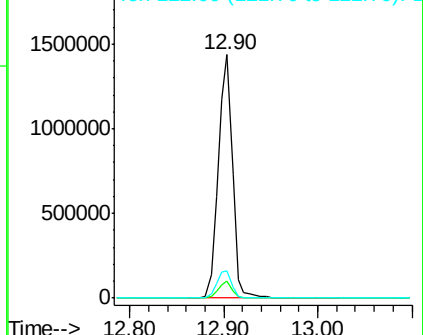
122 11.5 11.0 16.4

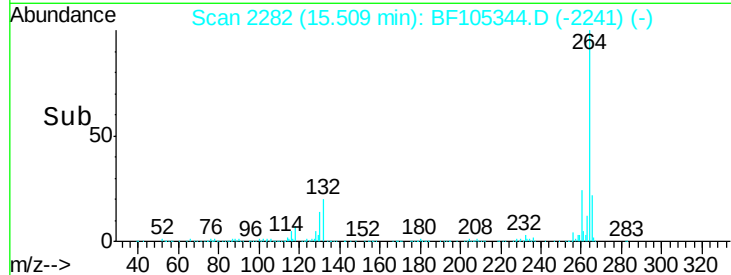
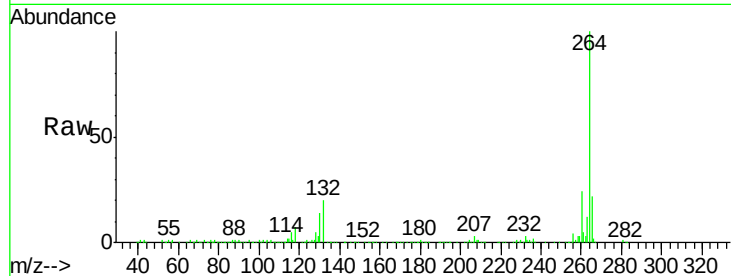
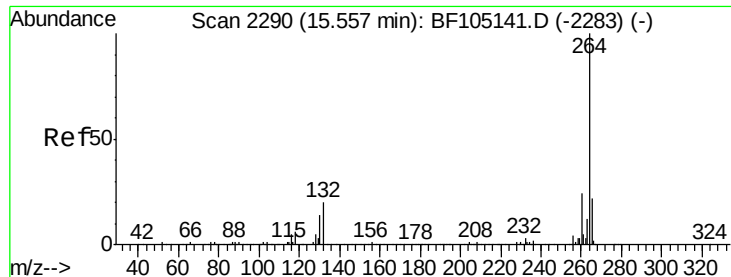


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	327210
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

