

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105343.D
 Acq On : 12 May 2018 17:47
 Operator : JU/SJ
 Sample : J2835-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:51:42 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

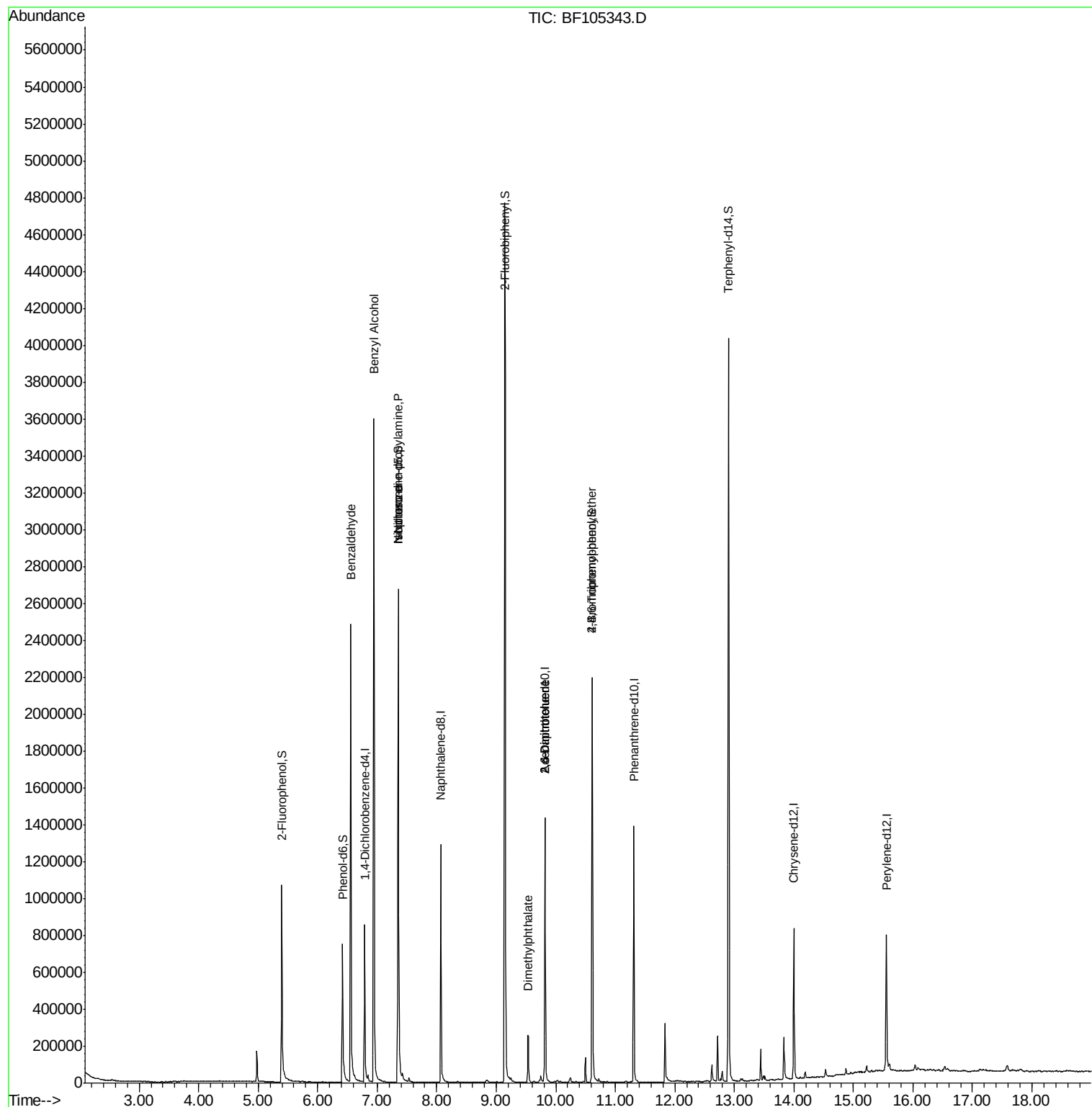
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134466	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	577506	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	263667	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	494477	20.00	ng	0.00
75) Chrysene-d12	14.00	240	328463	20.00	ng	-0.01
86) Perylene-d12	15.56	264	351851	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	382028	42.73	ng	0.00
7) Phenol-d6	6.42	99	286488	26.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	1020423	102.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	320686	94.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1690769	92.42	ng	0.00
78) Terphenyl-d14	12.90	244	1617022	105.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	15420	2.14	ng	Qvalue 89
15) Benzyl Alcohol	6.95	79	17116	2.08	ng	# 37
19) n-Nitroso-di-n-propylamine	7.36	70	135716	20.21	ng	# 81
25) Isophorone	7.36	82	1020417	54.33	ng	# 64
49) Dimethylphthalate	9.54	163	113532	5.61	ng	99
50) 2,6-Dinitrotoluene	9.82	165	32635	7.32	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	32635	5.63	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	18063	3.28	ng	# 1

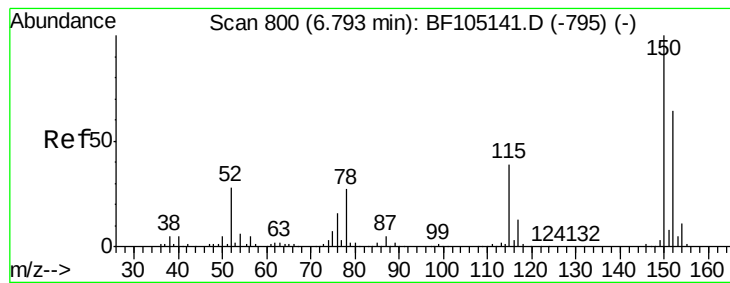
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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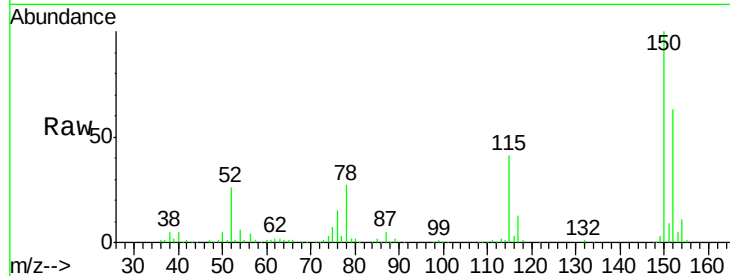


#1

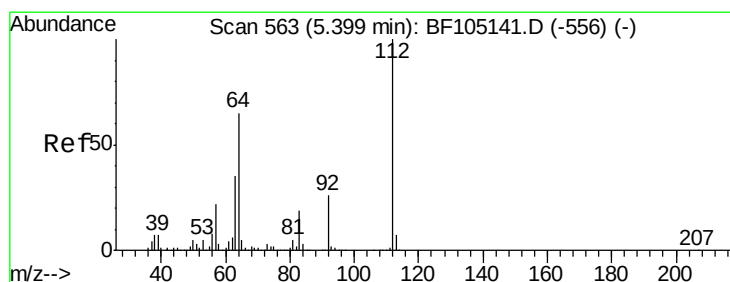
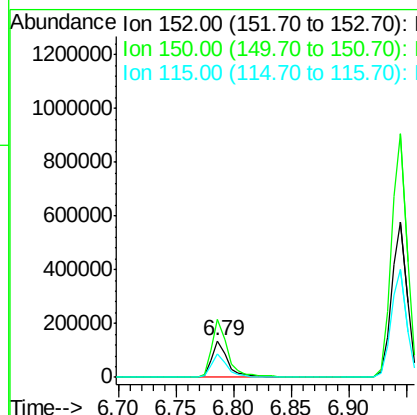
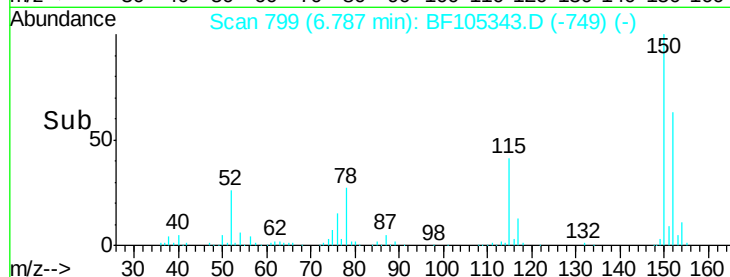
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105343.D
Acq: 12 May 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134466
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 65.4 50.1 75.1



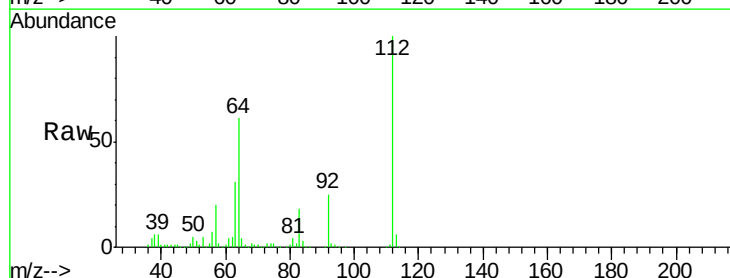
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



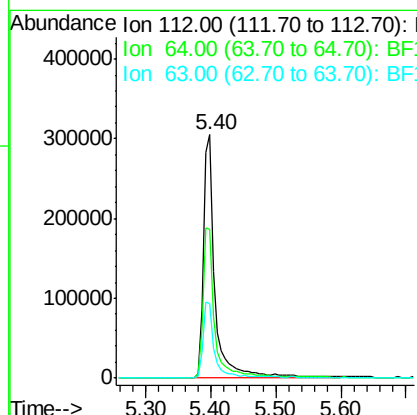
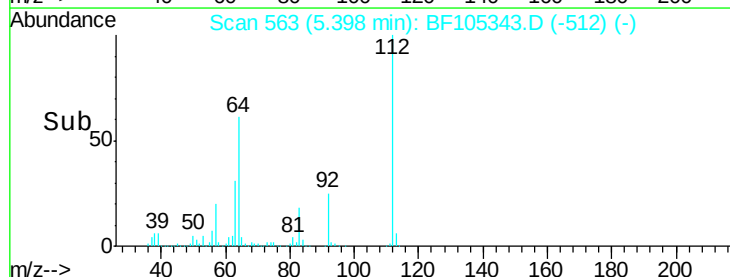
#5

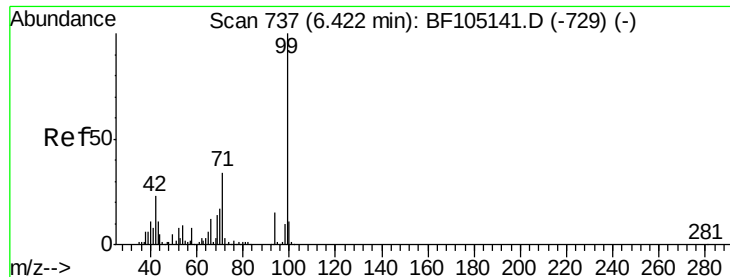
2-Fluorophenol
Concen: 42.73 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF105343.D
Acq: 12 May 2018 17:47

Tgt Ion:112 Resp: 382028
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 30.7 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: 26.97 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105343.D

Acq: 12 May 2018 17:47

Instrument :

BNA_F

ClientSampleId :

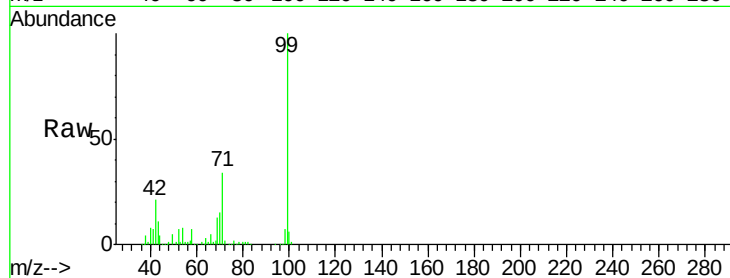
Tot Ion: 99 Resp: 286488

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

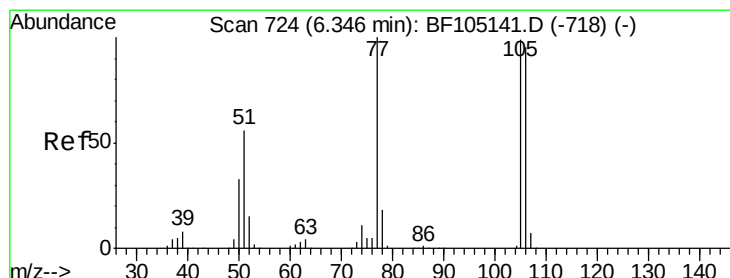
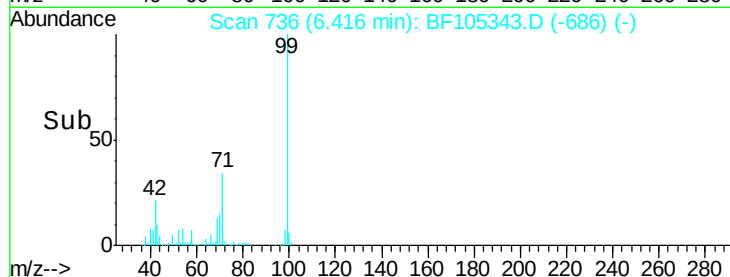
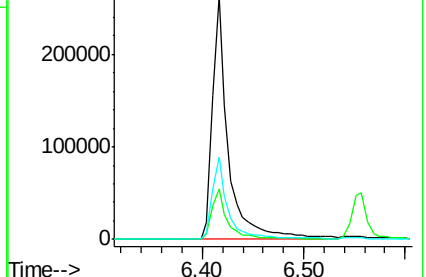
71 34.0 25.4 38.0



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: 2.14 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105343.D

Acq: 12 May 2018 17:47

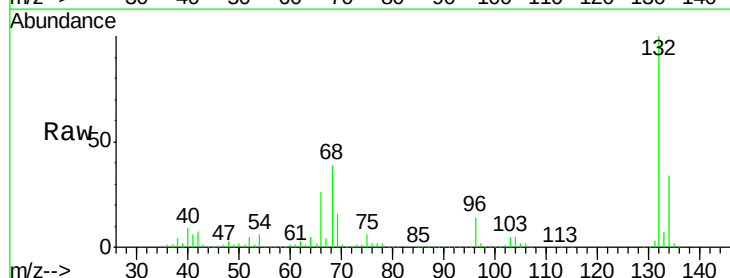
Tgt Ion: 77 Resp: 15420

Ion Ratio Lower Upper

77 100

105 92.4 81.1 121.1

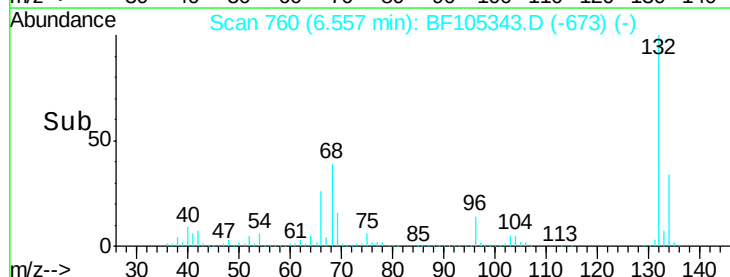
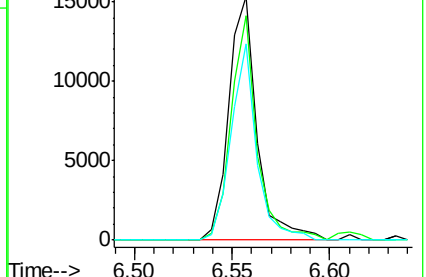
106 80.7 74.5 114.5

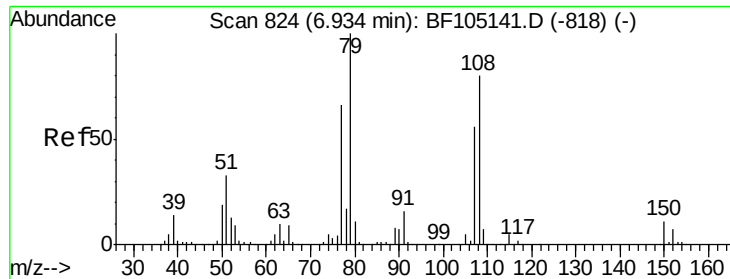


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

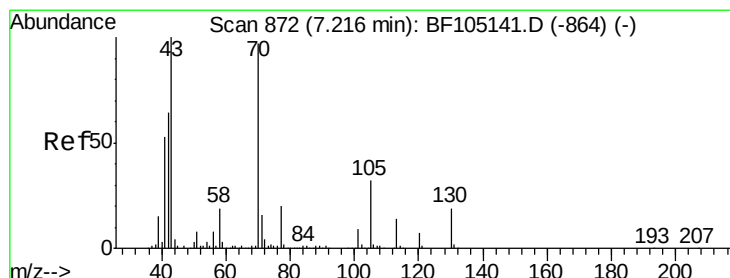
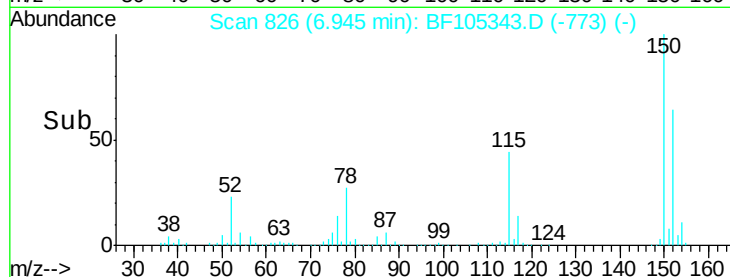
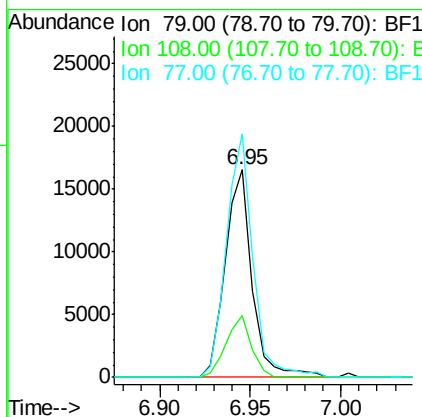
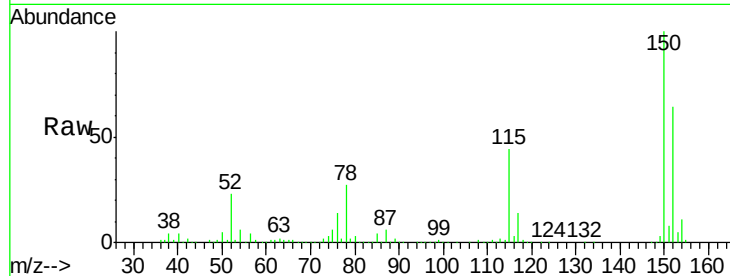




#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF105343.D
Acq: 12 May 2018 17:47

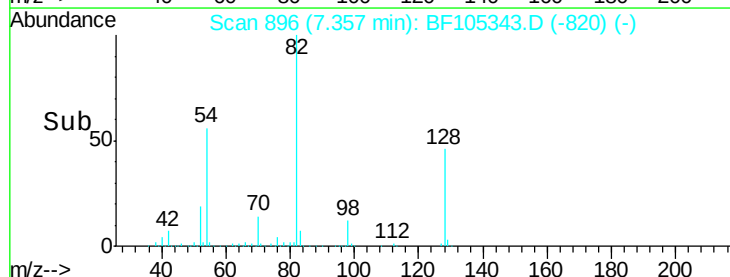
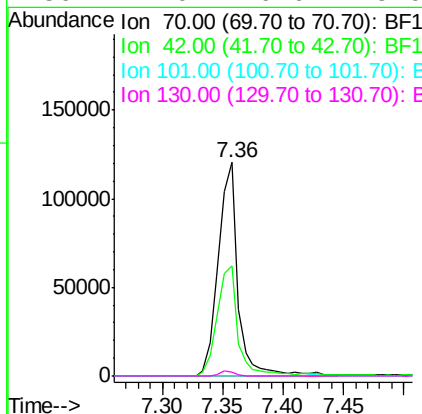
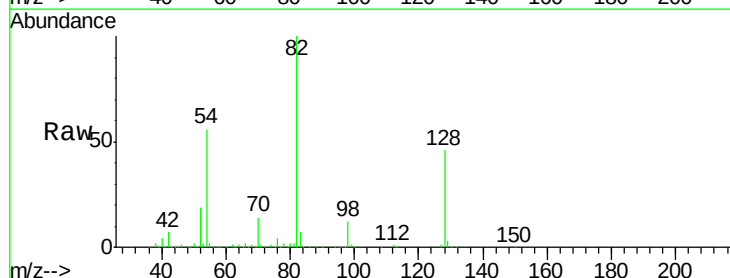
Instrument :
BNA_F
ClientSampled :

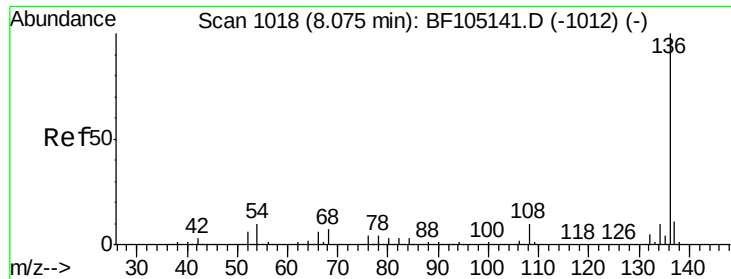
Tot Ion: 79 Resp: 17116
Ion Ratio Lower Upper
79 100
108 29.8 65.1 97.7#
77 117.4 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.21 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105343.D
Acq: 12 May 2018 17:47

Tgt Ion: 70 Resp: 135716
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#

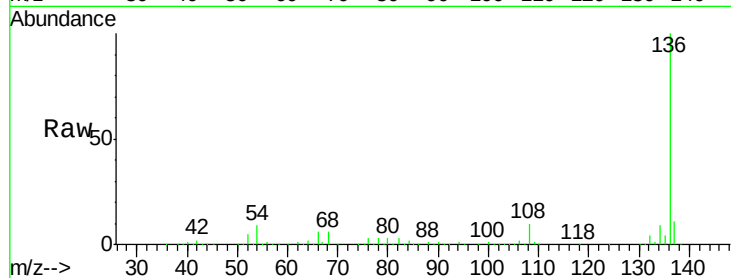




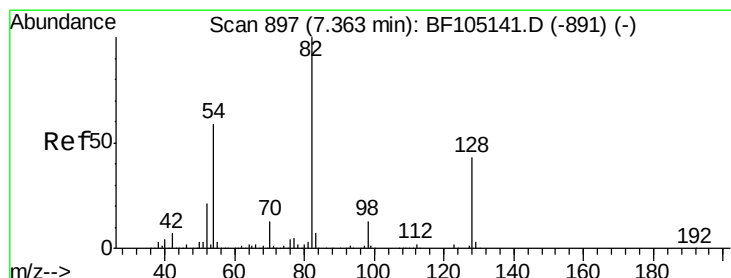
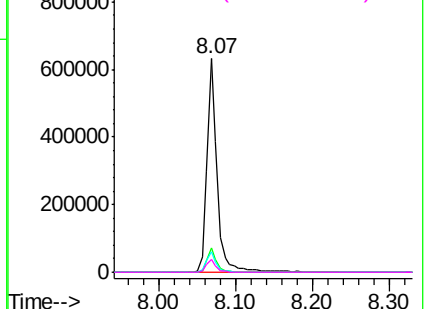
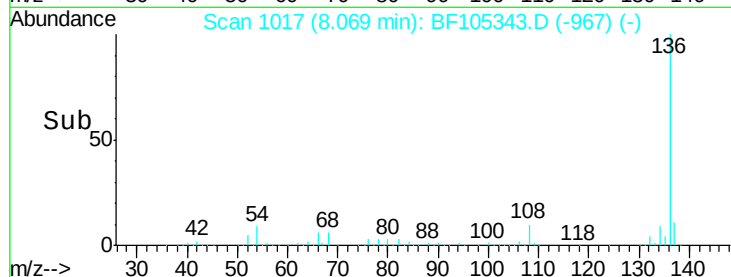
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105343.D
Acq: 12 May 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	577506
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 9.3	6.6	9.8
68 6.3	5.0	7.4

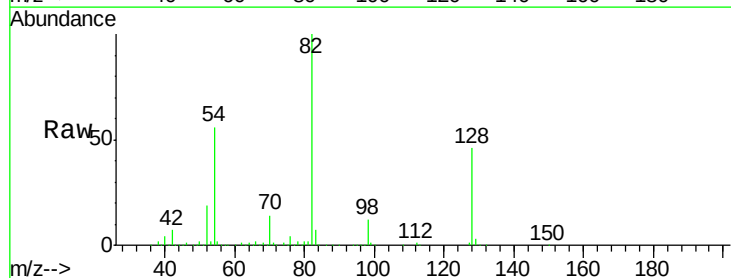


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

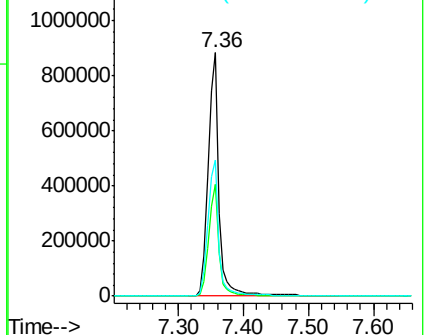
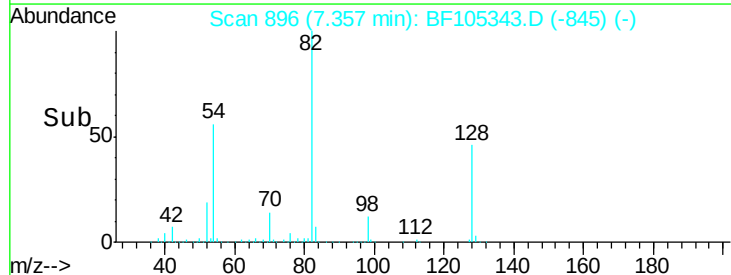


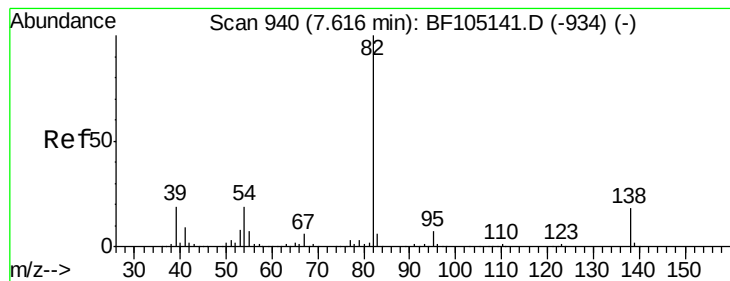
#23
Nitrobenzene-d5
Concen: 102.84 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF105343.D
Acq: 12 May 2018 17:47

Tgt Ion: 82	Resp:	1020423
Ion Ratio	Lower	Upper
82 100		
128 45.8	36.1	54.1
54 56.1	41.4	62.2



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





#25

Isophorone

Concen: 54.33 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105343.D

Acq: 12 May 2018 17:47

Instrument :

BNA_F

ClientSampled :

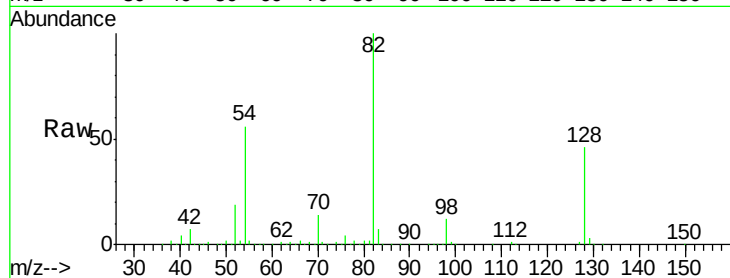
Tot Ion: 82 Resp: 1020417

Ion Ratio Lower Upper

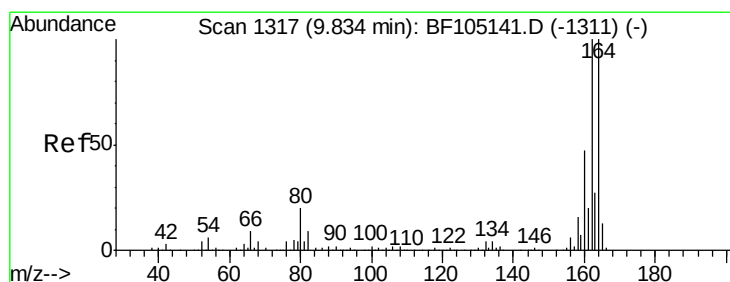
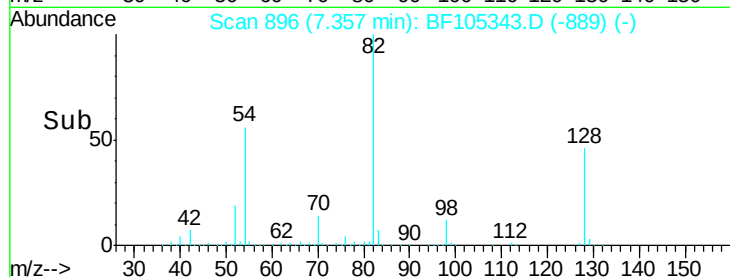
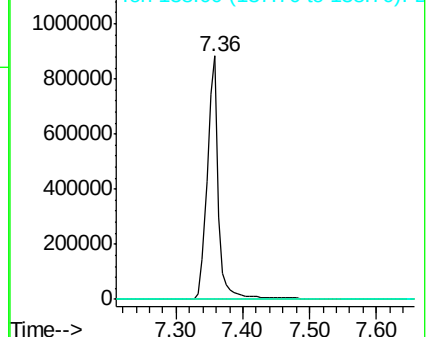
82 100

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: BF105343.D

Acq: 12 May 2018 17:47

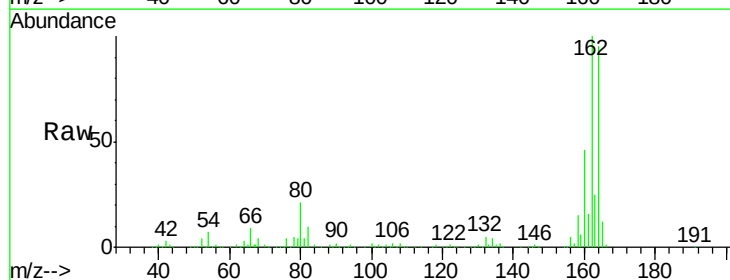
Tgt Ion:164 Resp: 263667

Ion Ratio Lower Upper

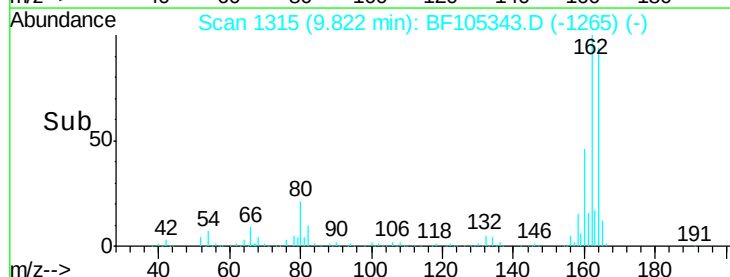
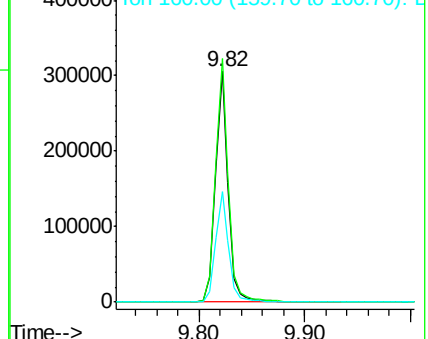
164 100

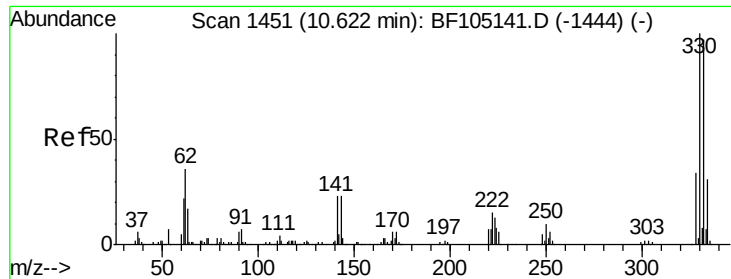
162 105.5 86.1 129.1

160 48.1 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

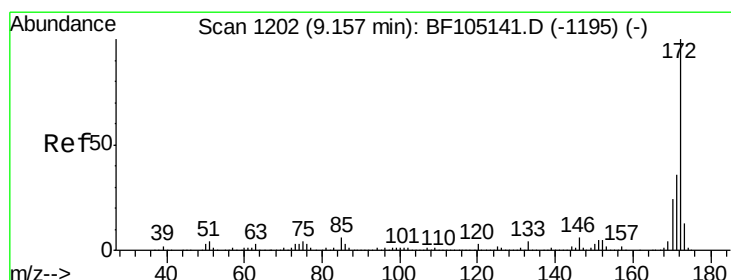
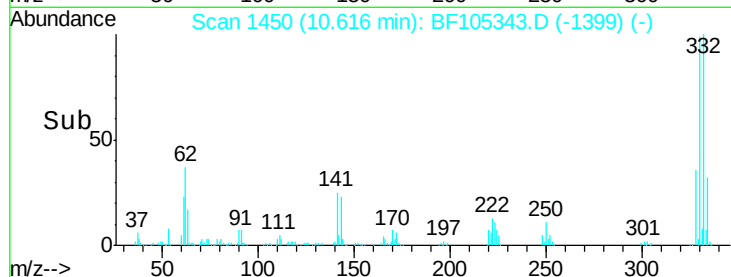
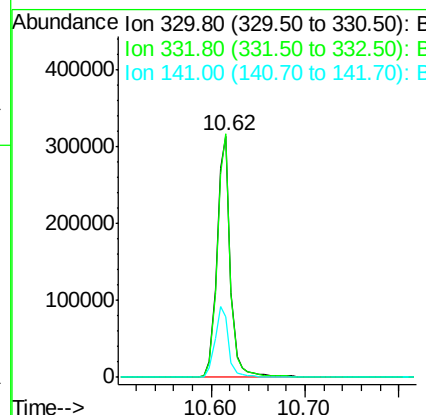
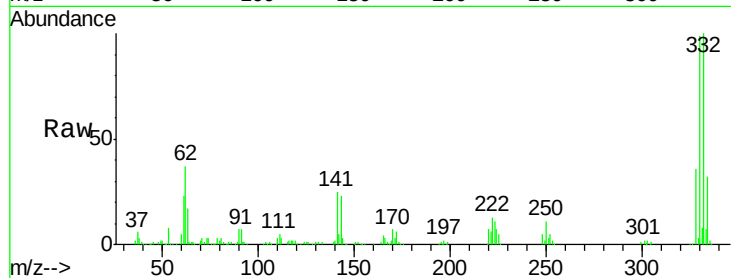




#41
 2,4,6-Tribromophenol
 Concen: 94.14 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105343.D
 Acq: 12 May 2018 17:47

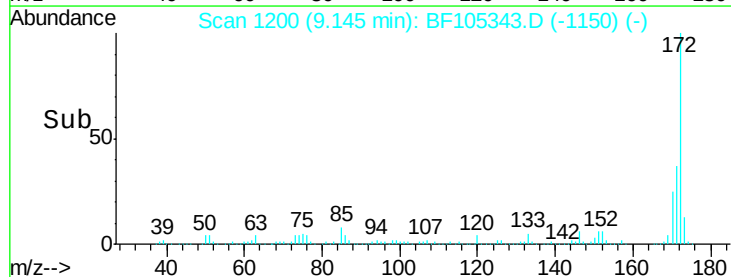
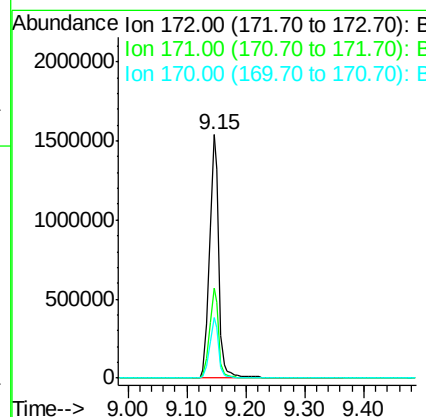
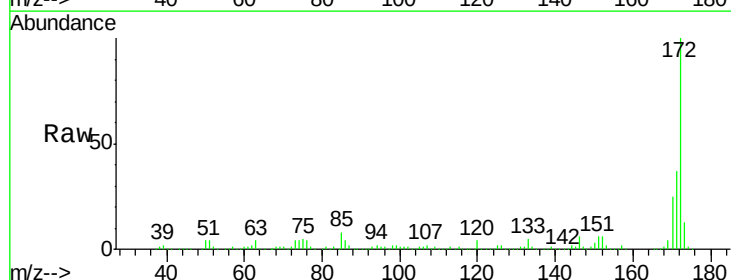
Instrument :
 BNA_F
 ClientSampleId :

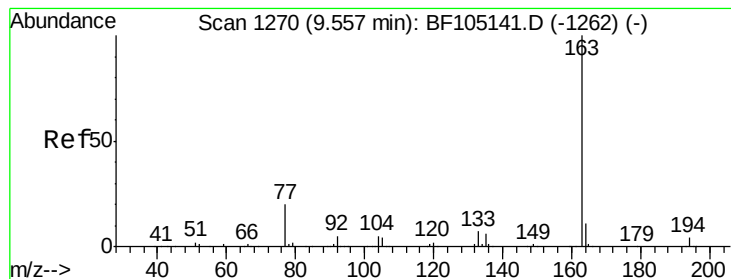
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	30.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 92.42 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105343.D
 Acq: 12 May 2018 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4





#49

Dimethylphthalate

Concen: 5.61 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF105343.D

Acq: 12 May 2018 17:47

Instrument :

BNA_F

ClientSampleId :

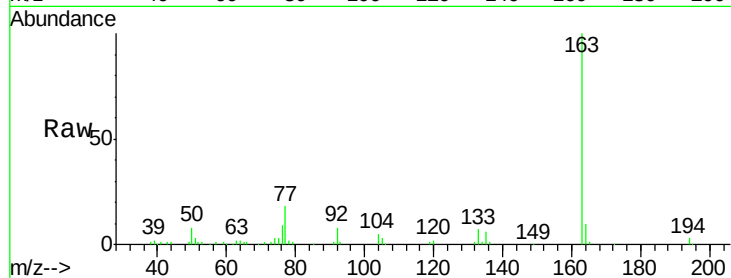
Tot Ion:163 Resp: 113532

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

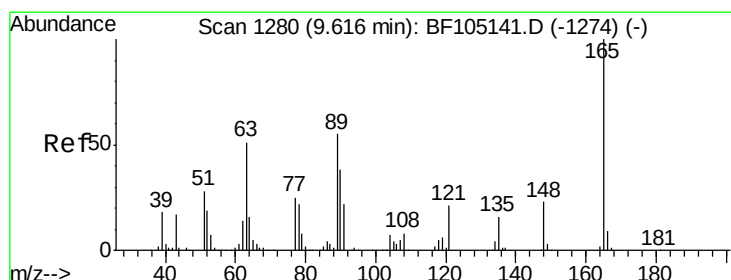
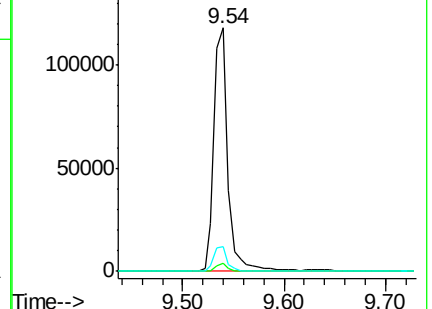
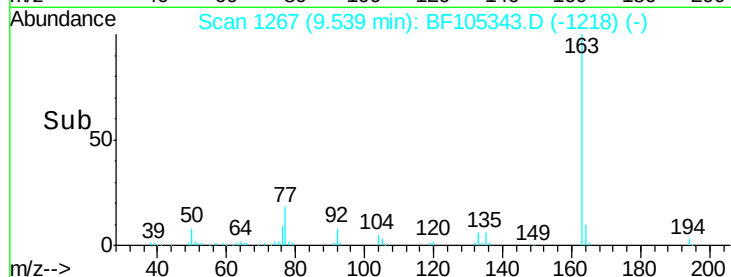
164 10.0 8.2 12.2



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: 7.32 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF105343.D

Acq: 12 May 2018 17:47

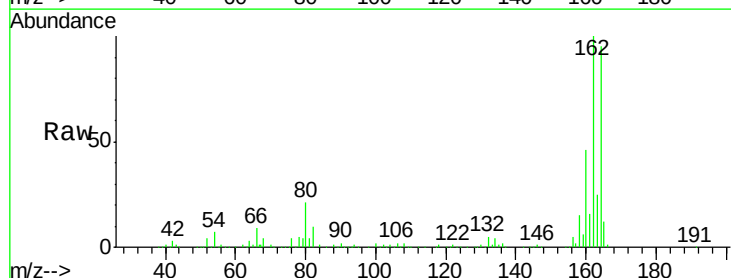
Tgt Ion:165 Resp: 32635

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

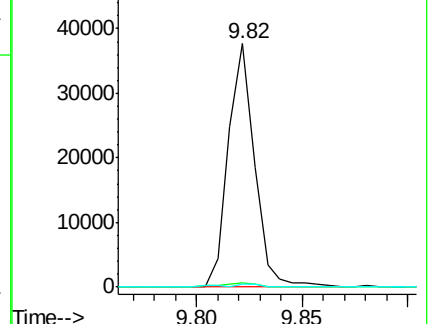
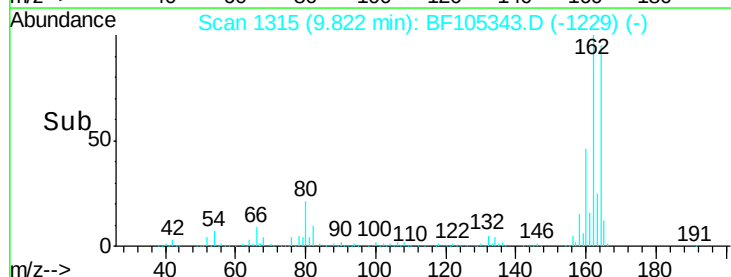
89 1.4 44.0 66.0#

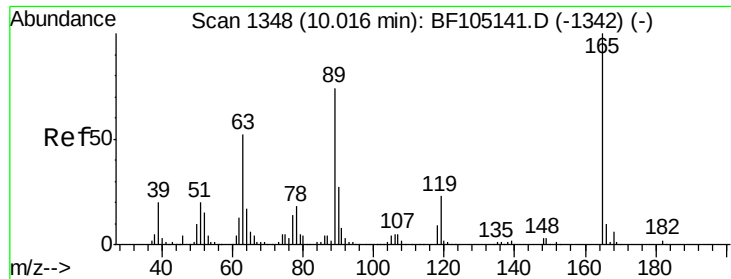


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

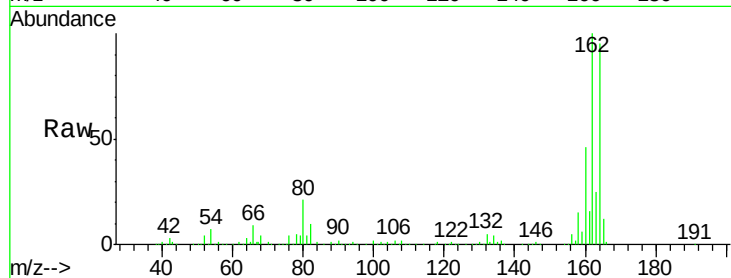




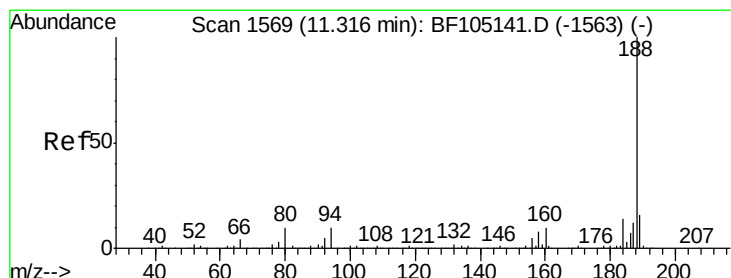
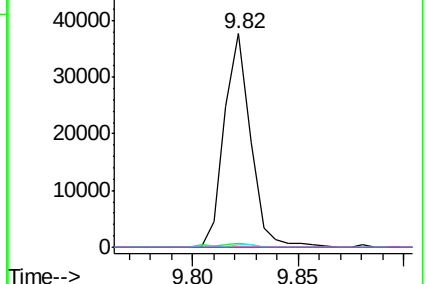
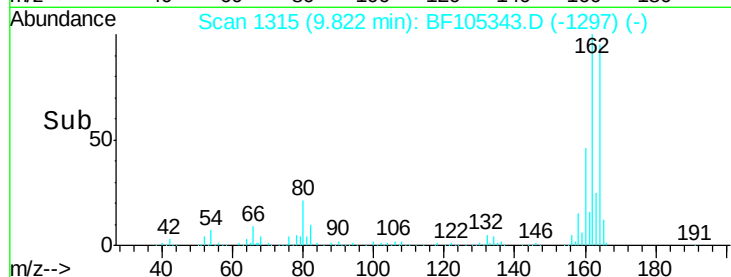
#56
 2,4-Dinitrotoluene
 Concen: 5.63 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF105343.D
 Acq: 12 May 2018 17:47

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

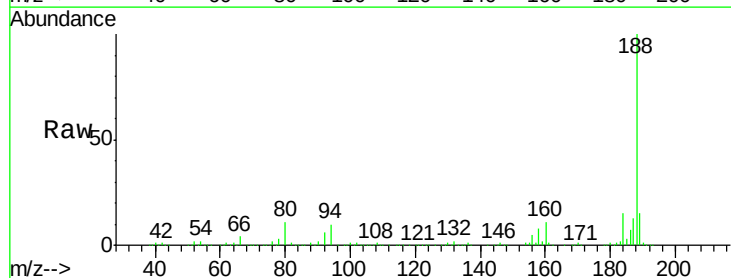


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

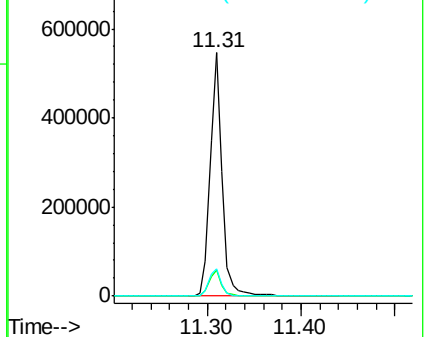
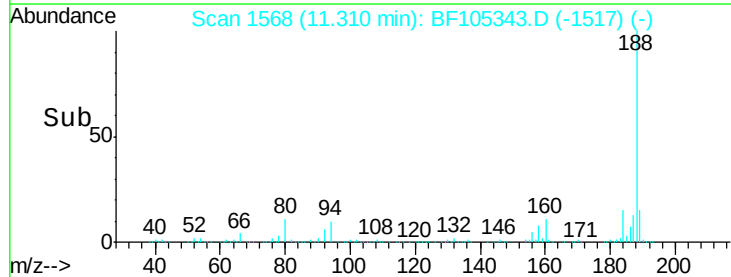


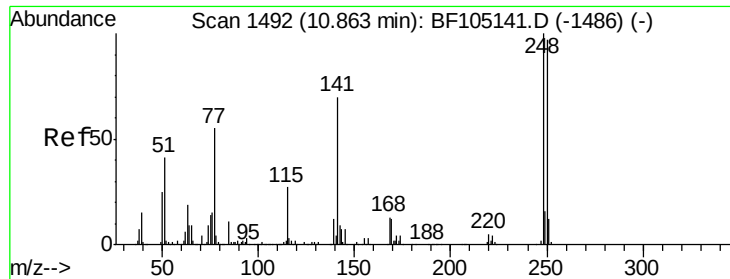
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF105343.D
 Acq: 12 May 2018 17:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.3	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

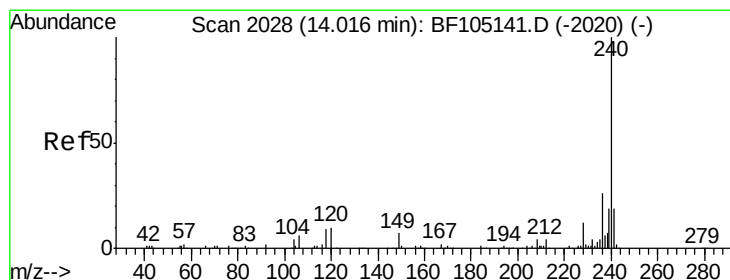
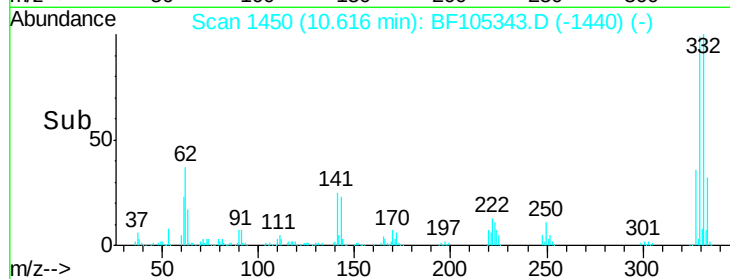
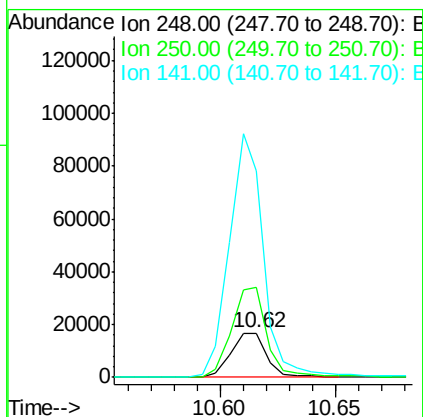
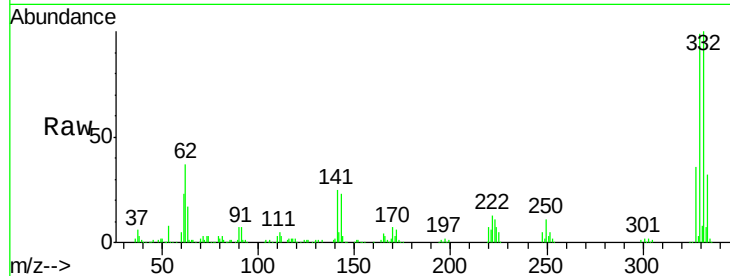




#66
 4-Bromophenyl-phenylether
 Concen: 3.28 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF105343.D
 Acq: 12 May 2018 17:47

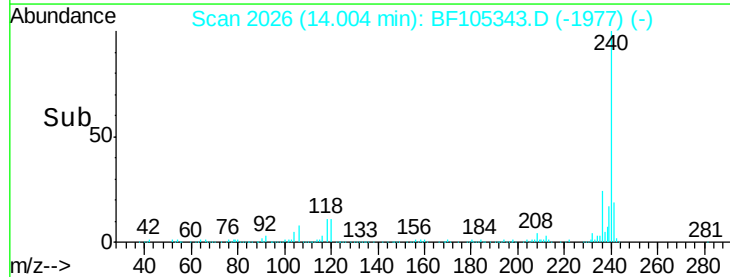
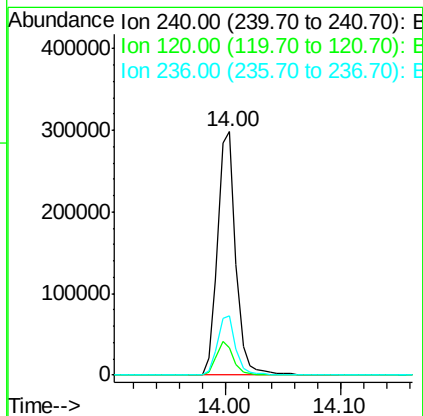
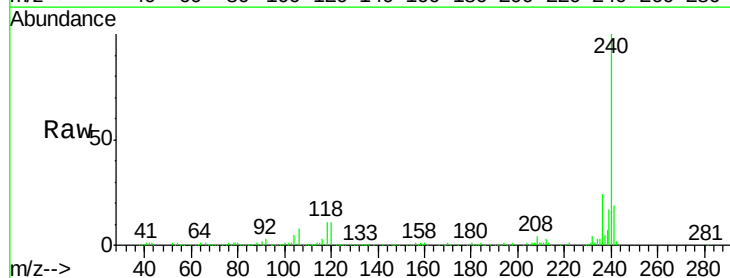
Instrument :
 BNA_F
 ClientSampleId :

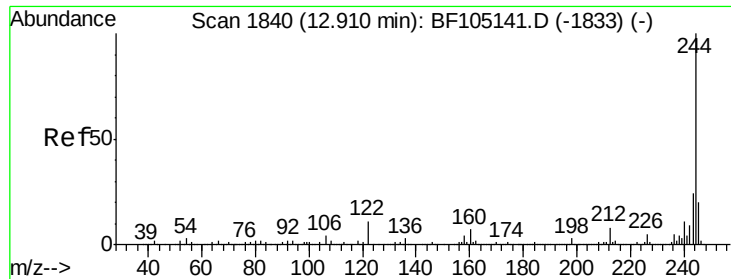
Tot Ion	Ratio	Lower	Upper
248	100		
250	203.5	76.9	115.3#
141	468.9	74.4	111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF105343.D
 Acq: 12 May 2018 17:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	24.4	20.7	31.1

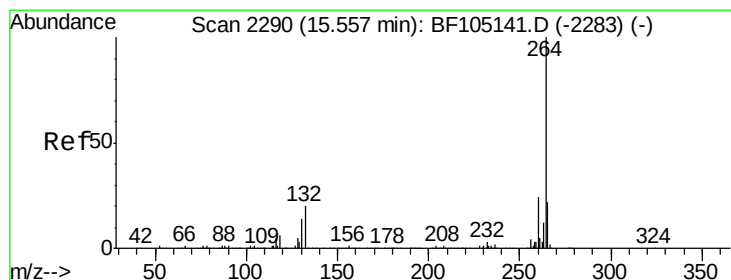
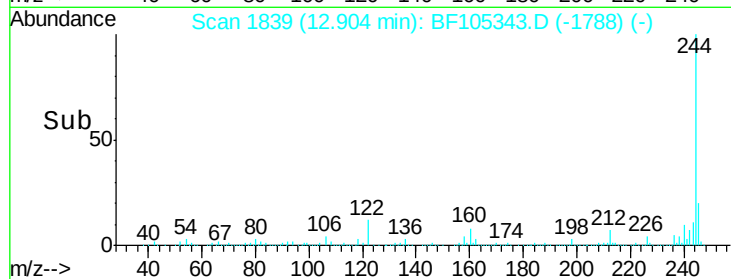
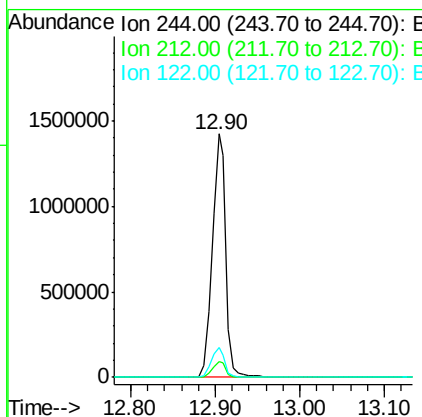
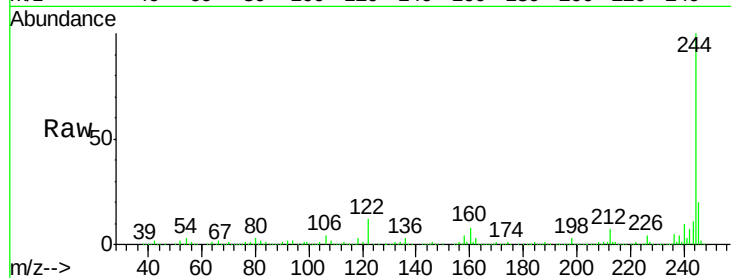




#78
 Terphenyl-d14
 Concen: 105.83 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF105343.D
 Acq: 12 May 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1617022
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF105343.D
 Acq: 12 May 2018 17:47

Tgt Ion:264 Resp: 351851
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.5 26.3

