

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105041.D
 Acq On : 2 May 2018 19:49
 Operator : JU/SJ
 Sample : PB108708BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BL

Quant Time: May 03 04:25:38 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

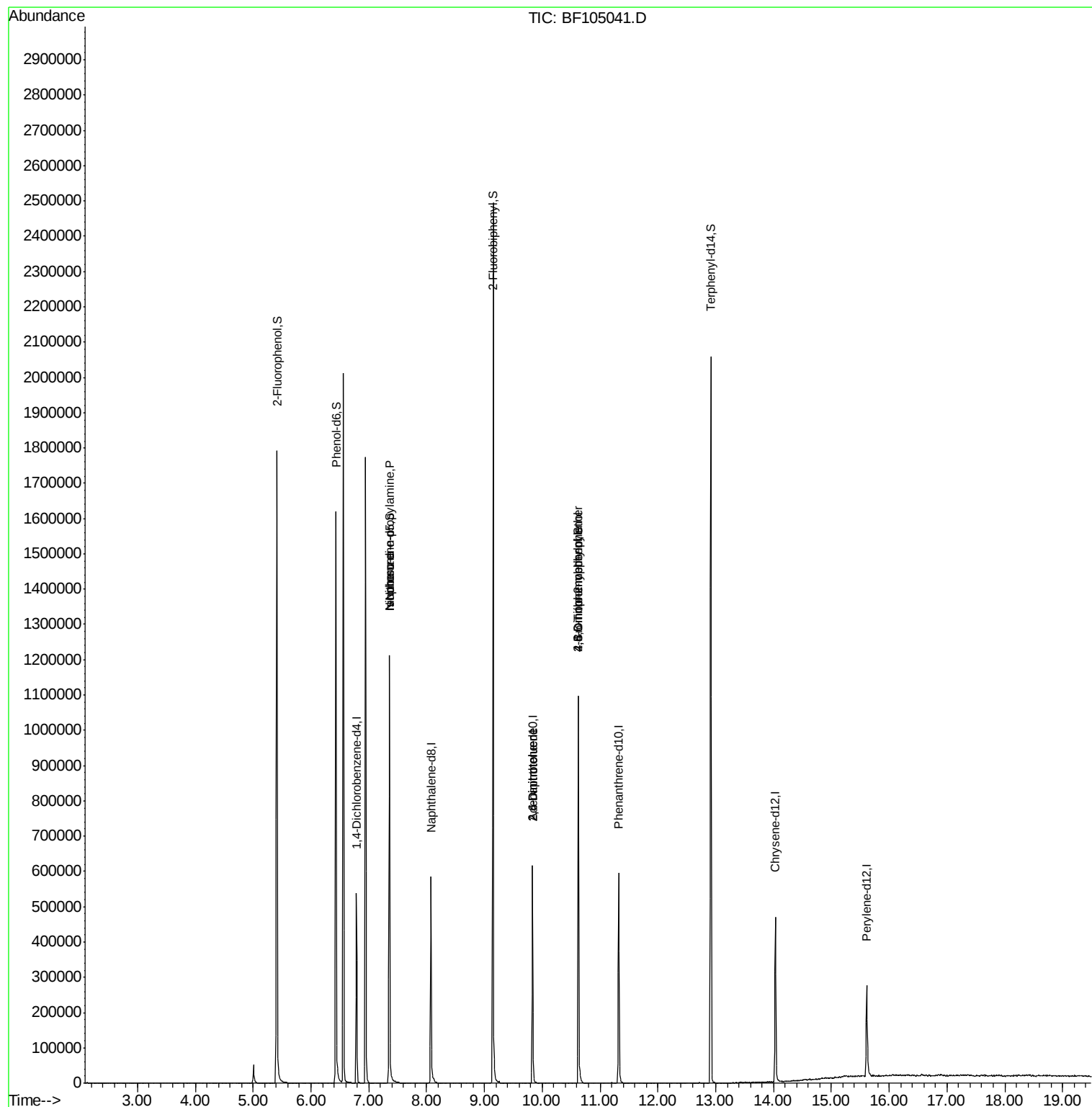
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	77788	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	318872	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	140056	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	237113	20.00	ng	0.00
75) Chrysene-d12	14.03	240	182310	20.00	ng	0.00
86) Perylene-d12	15.62	264	138065	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	586143	115.22	ng	0.00
7) Phenol-d6	6.43	99	694513	111.11	ng	0.00
23) Nitrobenzene-d5	7.36	82	411923	84.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	159287	109.64	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	799242	90.15	ng	0.00
78) Terphenyl-d14	12.92	244	691824	86.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	53195	13.023	ng	# 72
25) Isophorone	7.36	82	406170	39.333	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	17655	8.639	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	17655	6.586	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.62	198	137	7.448	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	9519	3.774	ng	# 1
76) Benzidine	12.92	184	8928	Below Cal		95

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

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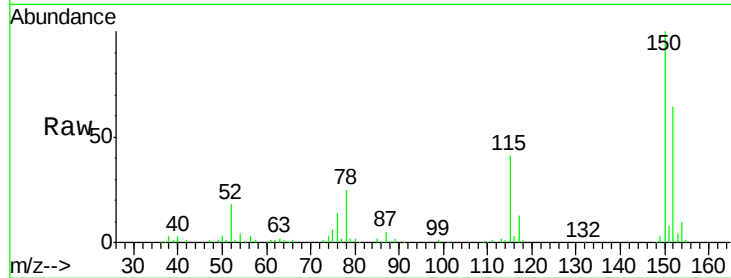


#1

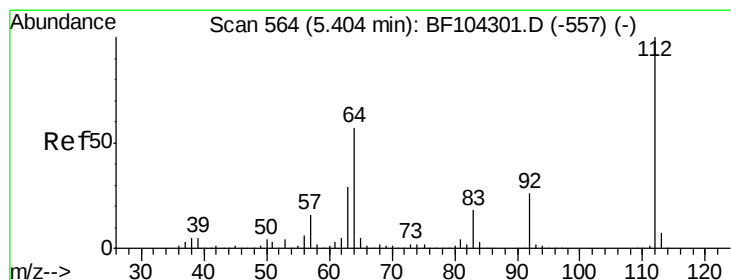
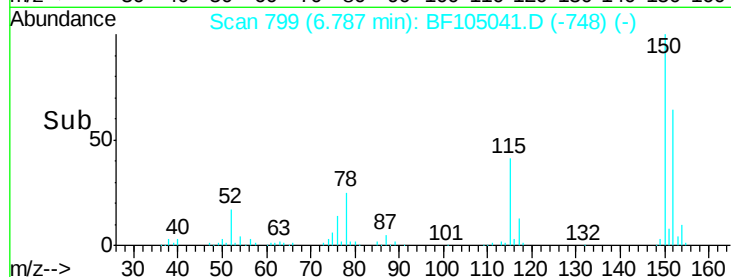
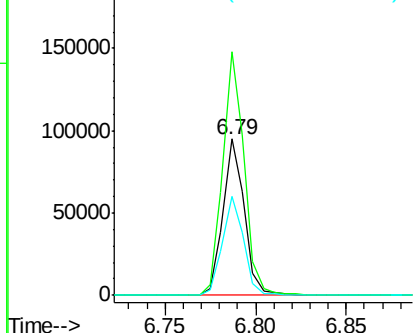
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Instrument :
BNA_F
ClientSampleId :
PB108708BL

Tgt Ion:152 Resp: 77788
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 63.5 50.1 75.1



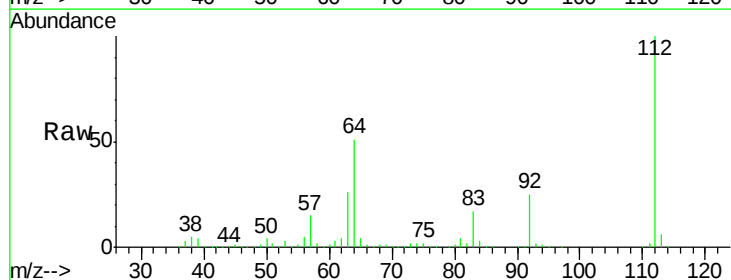
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



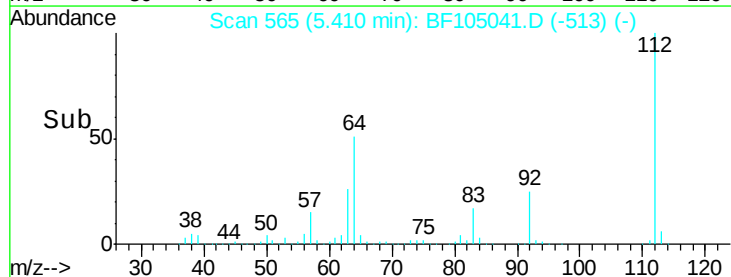
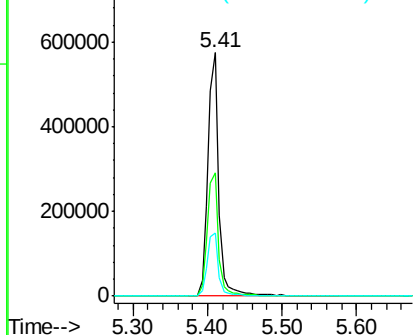
#5

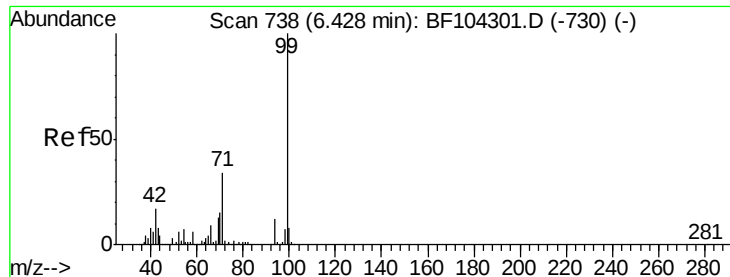
2-Fluorophenol
Concen: 115.216 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Tgt Ion:112 Resp: 586143
Ion Ratio Lower Upper
112 100
64 50.9 47.9 71.9
63 26.0 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: 111.110 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

Instrument :

BNA_F

ClientSampleId :

PB108708BL

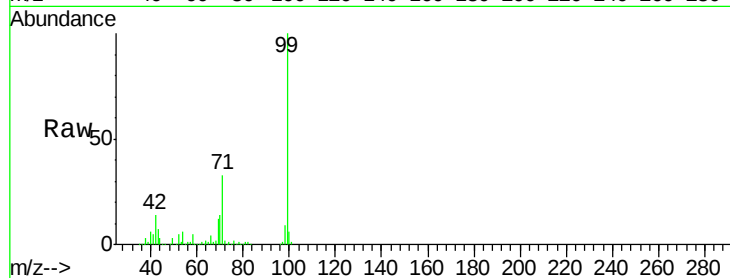
Tgt Ion: 99 Resp: 694513

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

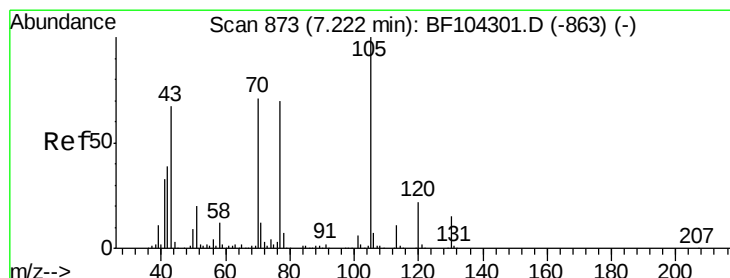
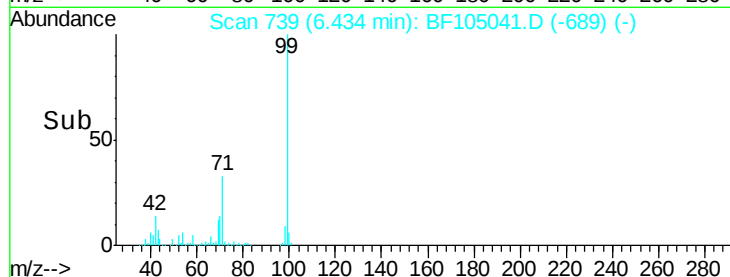
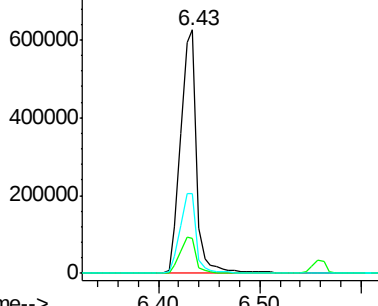
71 32.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.023 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

Tgt Ion: 70 Resp: 53195

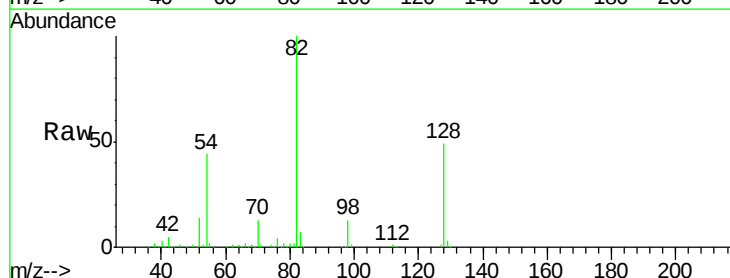
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

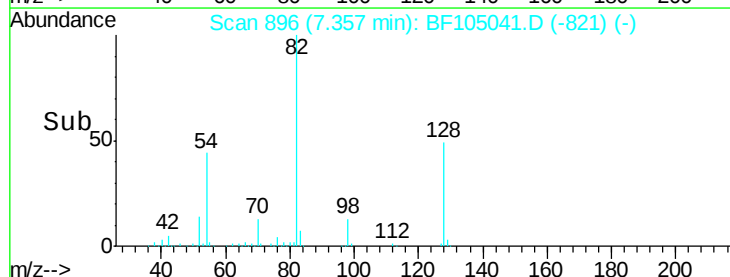
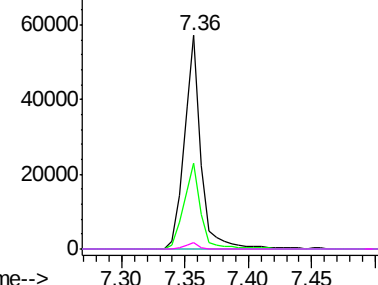


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

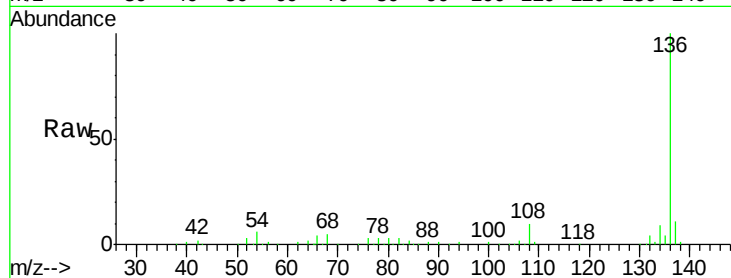




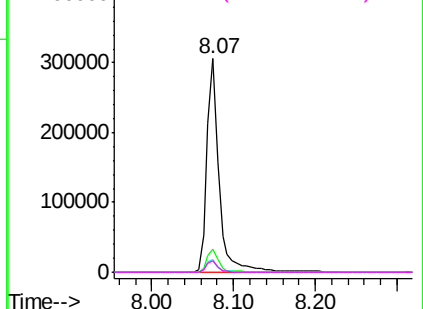
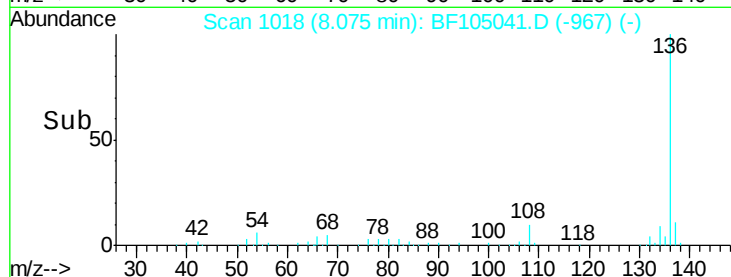
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Instrument :
BNA_F
ClientSampleId :
PB108708BL

Tgt Ion:	136	Resp:	318872
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4

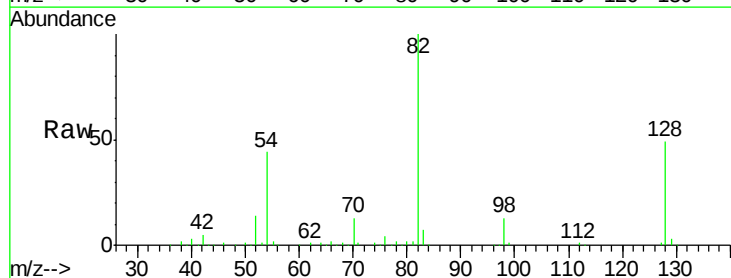


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

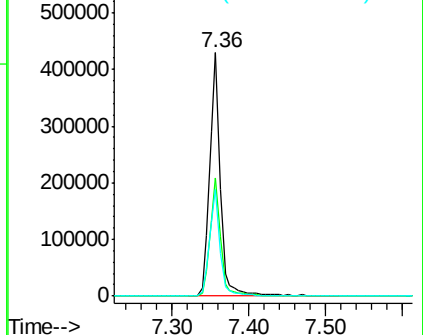
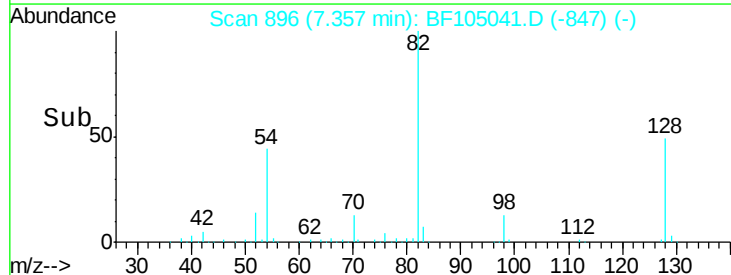


#23
Nitrobenzene-d5
Concen: 84.353 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Tgt Ion:	82	Resp:	411923
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	43.7	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

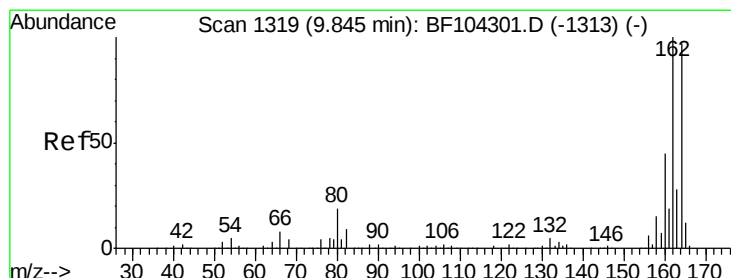
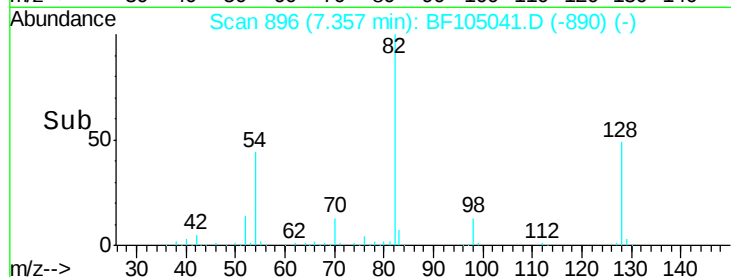
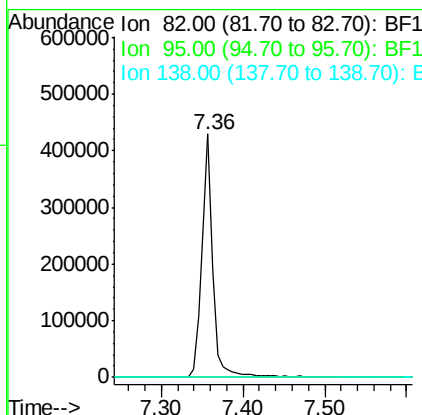
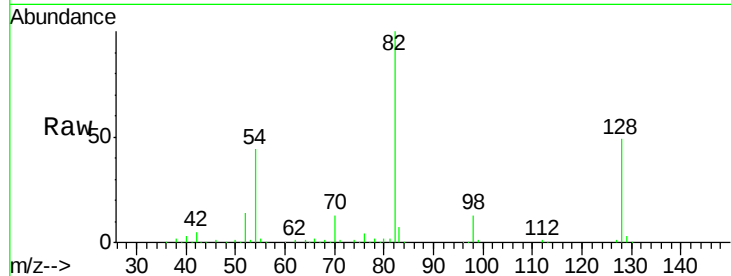




#25
Isophorone
Concen: 39.333 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

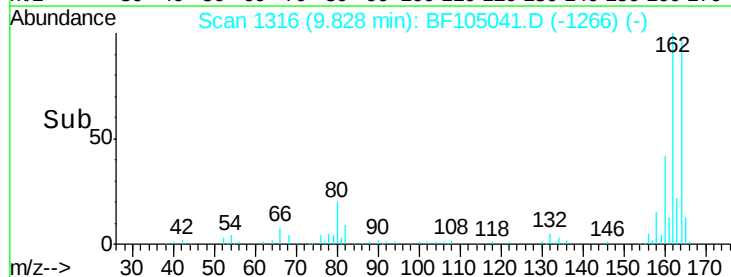
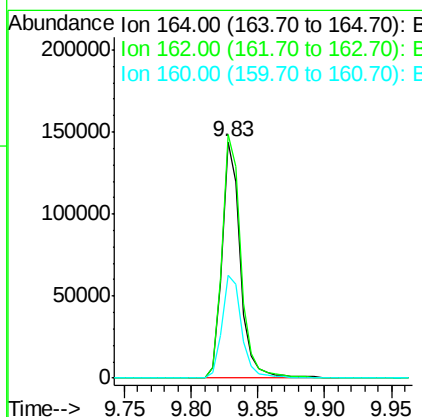
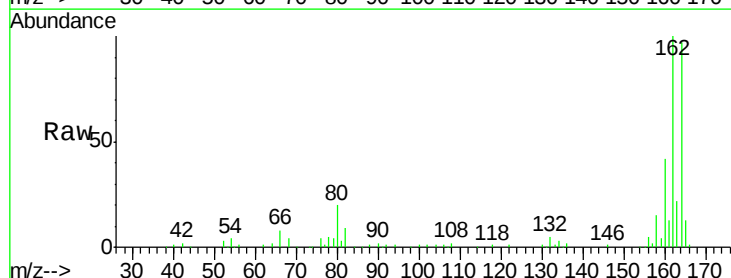
Instrument :
BNA_F
ClientSampleId :
PB108708BL

Tgt Ion: 82 Resp: 406170
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Tgt Ion: 164 Resp: 140056
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 43.8 38.3 57.5

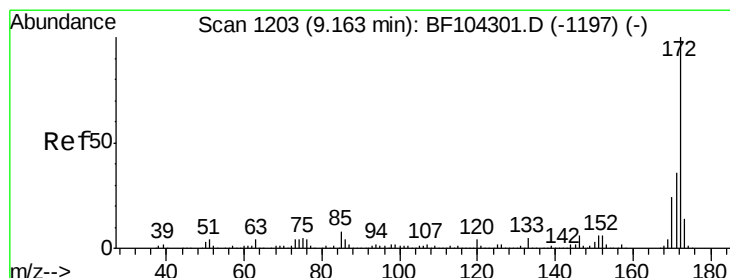
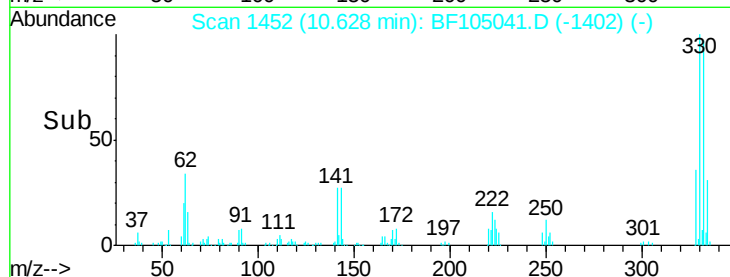
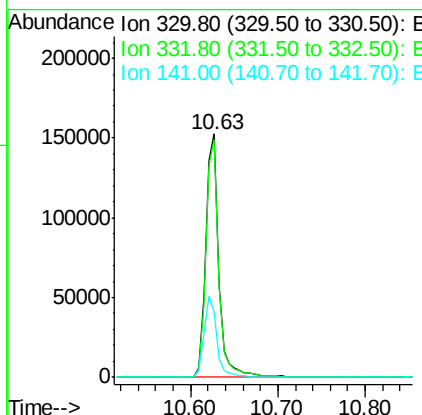
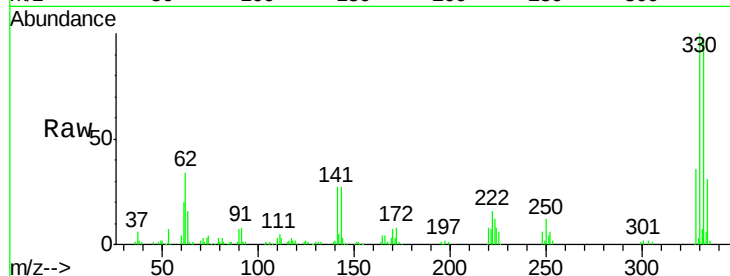




#41
 2,4,6-Tribromophenol
 Concen: 109.638 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105041.D
 Acq: 2 May 2018 19:49

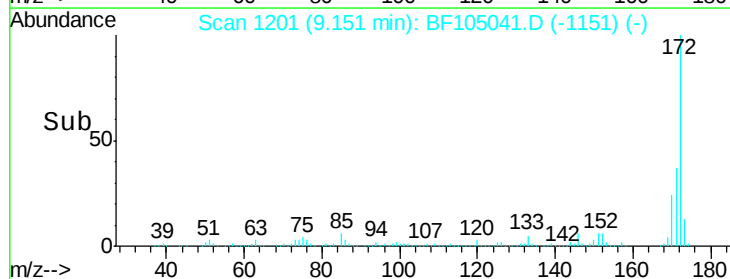
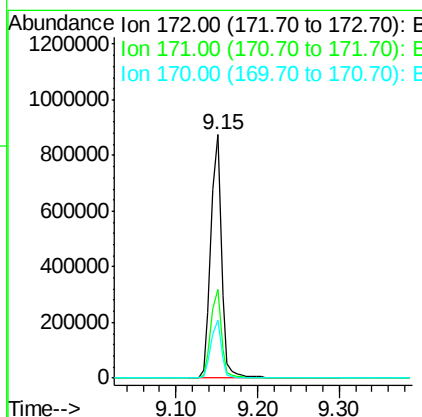
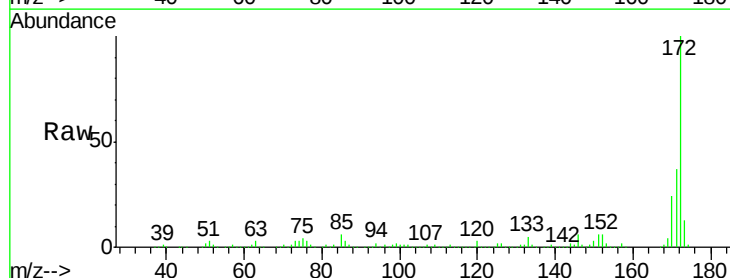
Instrument :
 BNA_F
 ClientSampleId :
 PB108708BL

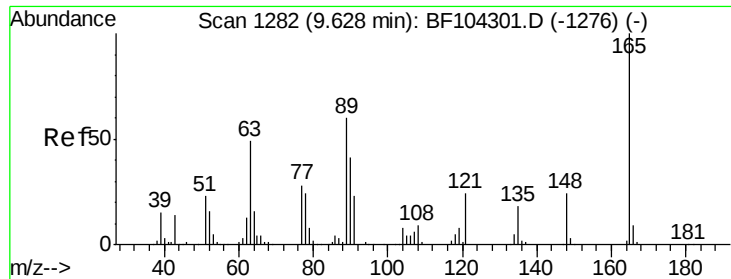
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 90.150 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105041.D
 Acq: 2 May 2018 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4

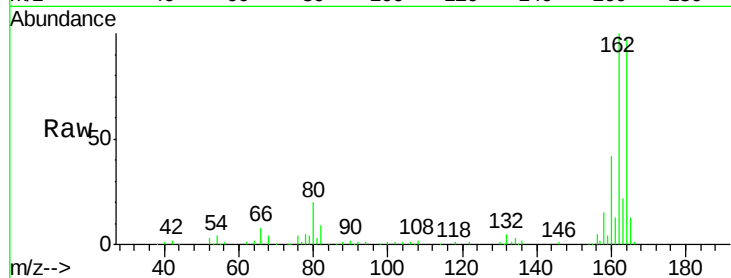




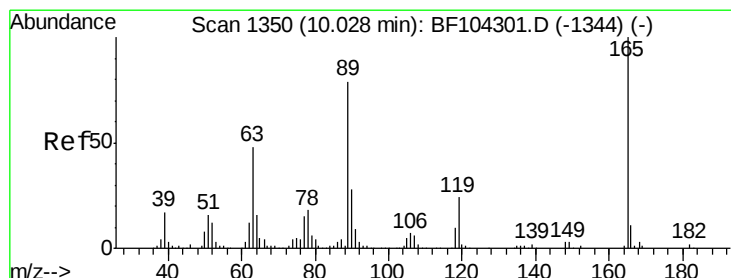
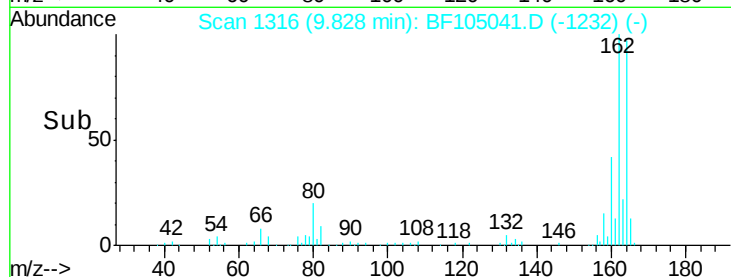
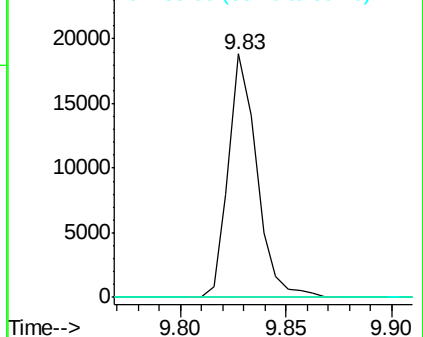
#50
 2,6-Dinitrotoluene
 Concen: 8.639 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105041.D
 Acq: 2 May 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

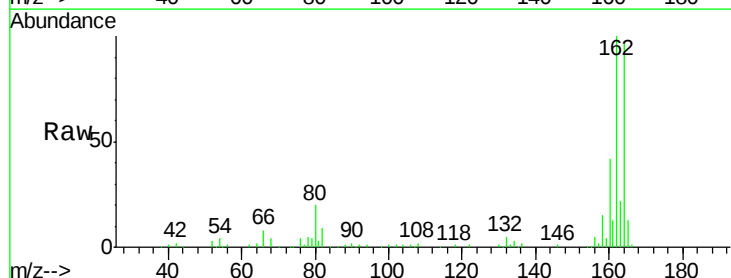


Abundance Ion 165.00 (164.70 to 165.70): E

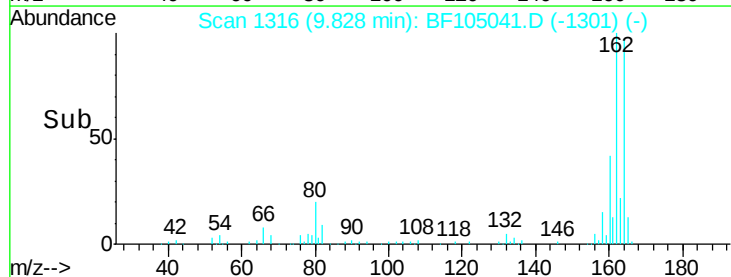
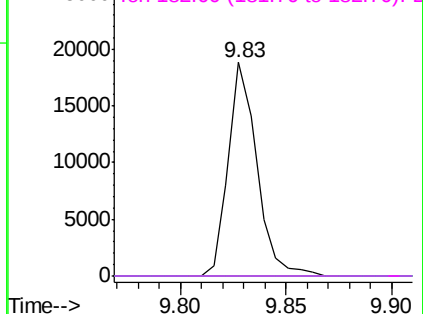


#56
 2,4-Dinitrotoluene
 Concen: 6.586 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105041.D
 Acq: 2 May 2018 19:49

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



Abundance Ion 165.00 (164.70 to 165.70): E

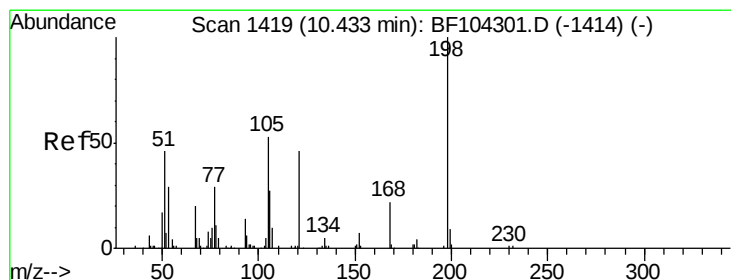
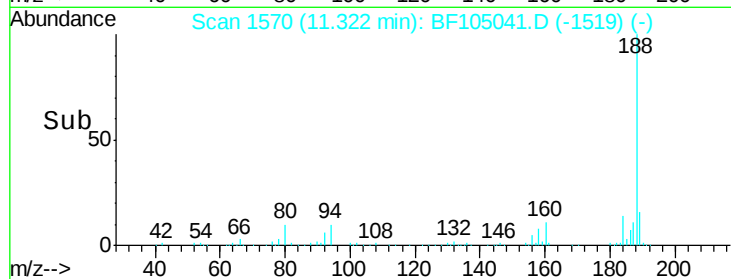
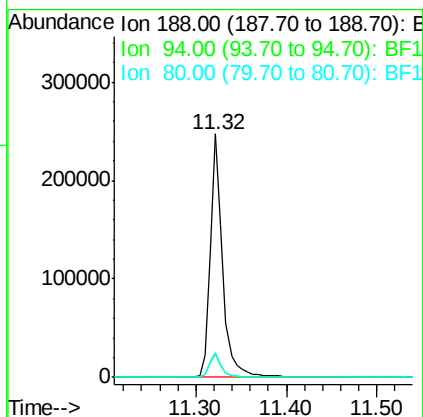
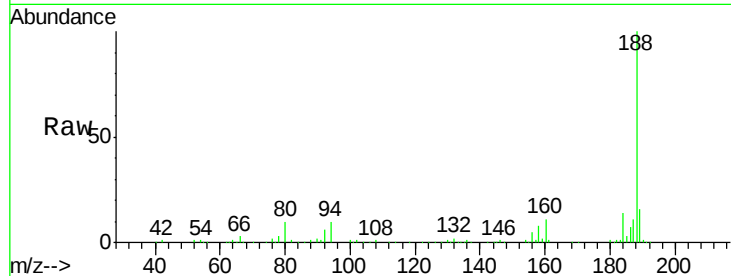




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

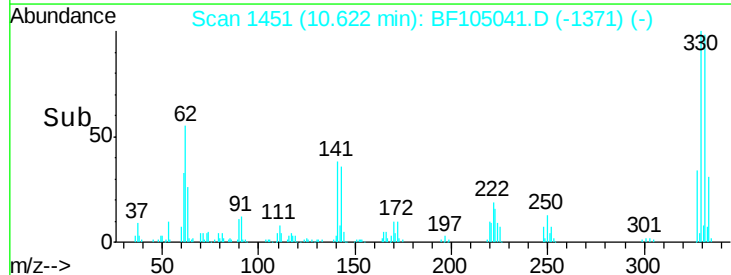
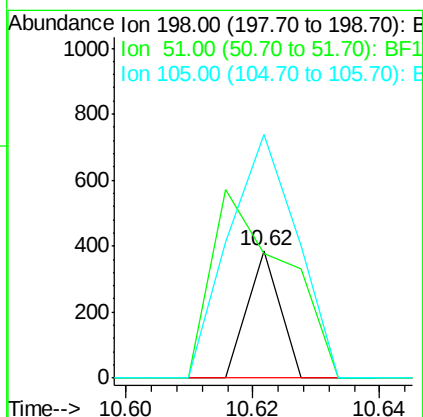
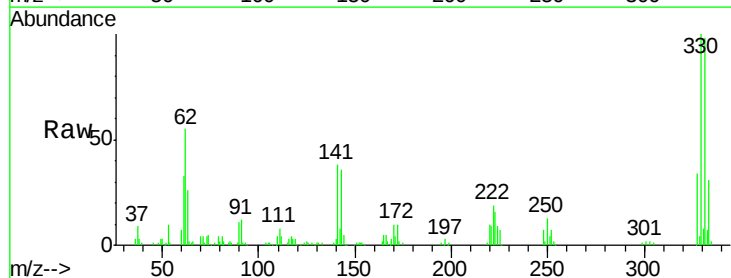
Instrument :
BNA_F
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PB108708BL

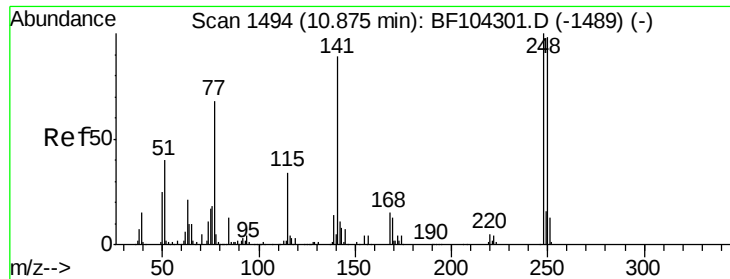
Tgt Ion:188 Resp: 237113
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.448 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Tgt Ion:198 Resp: 137
Ion Ratio Lower Upper
198 100
51 97.9 37.7 77.7#
105 190.7 36.3 76.3#

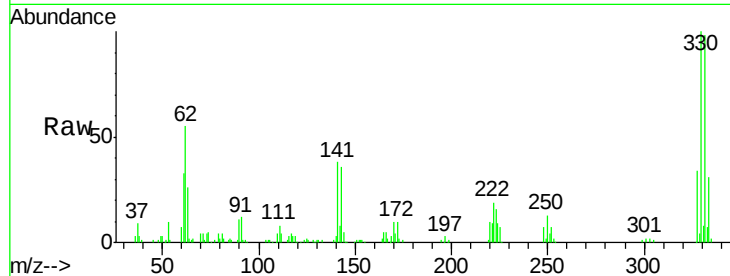




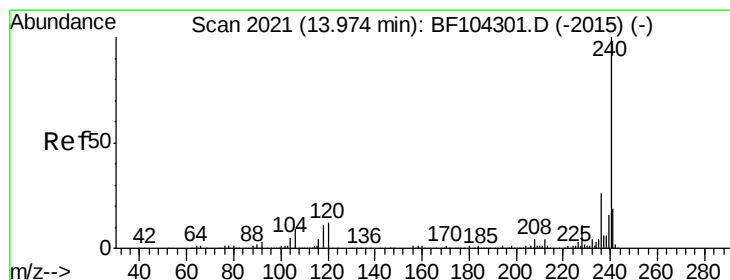
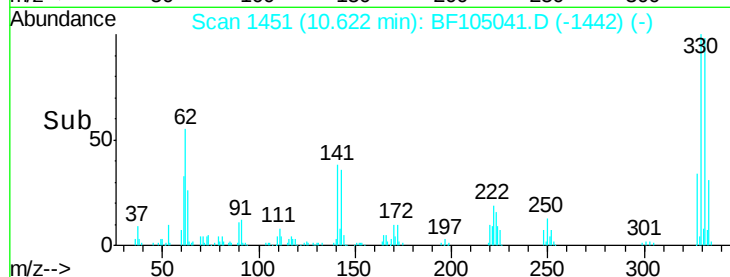
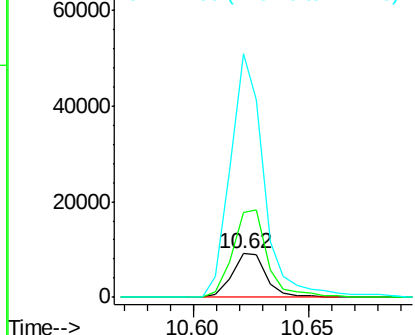
#66
 4-Bromophenyl-phenylether
 Concen: 3.774 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF105041.D
 Acq: 2 May 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BL

Tgt Ion:248 Resp: 9519
 Ion Ratio Lower Upper
 248 100
 250 193.8 76.9 115.3#
 141 556.6 74.4 111.6#

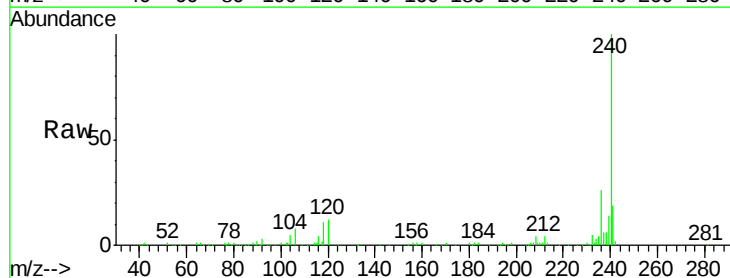


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

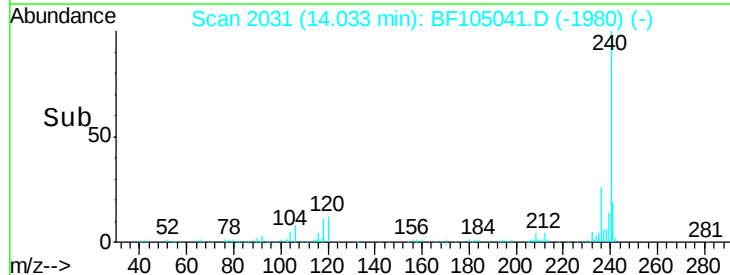
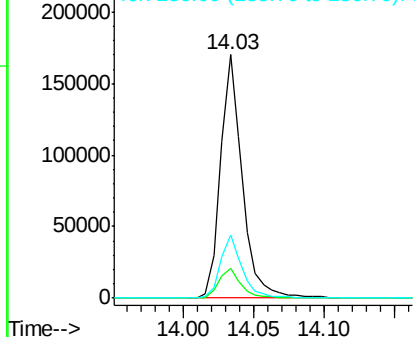


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF105041.D
 Acq: 2 May 2018 19:49

Tgt Ion:240 Resp: 182310
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 26.2 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: 86.514 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

Instrument :

BNA_F

ClientSampleId :

PB108708BL

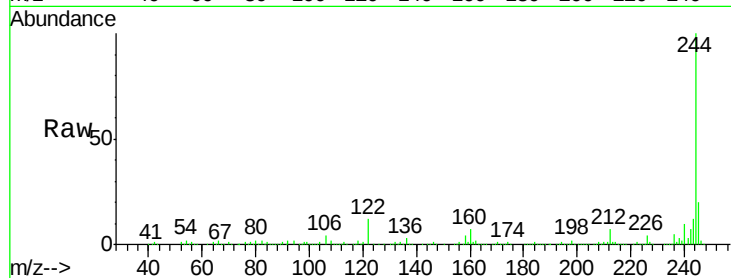
Tgt Ion:244 Resp: 691824

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

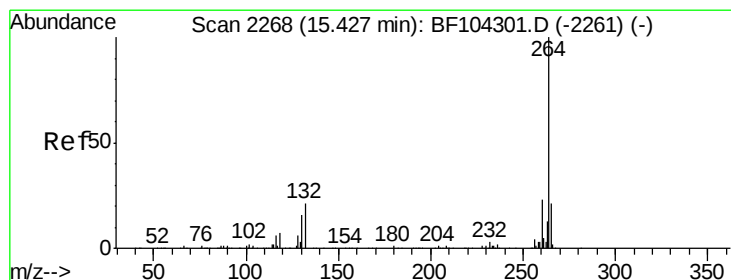
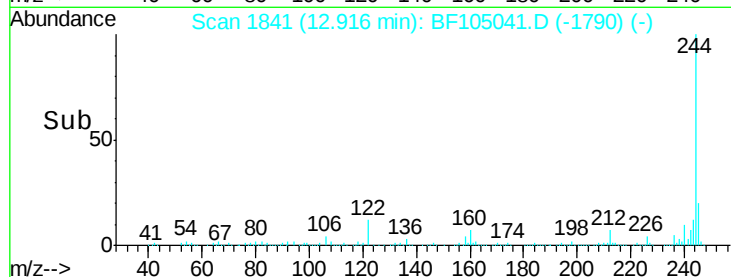
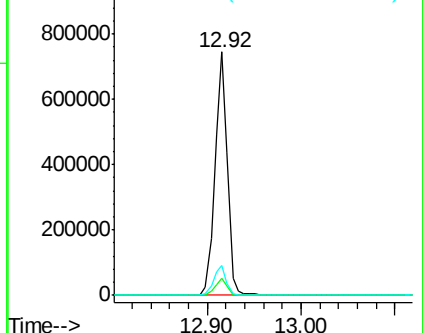
122 12.4 11.0 16.4



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: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. 0.02 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

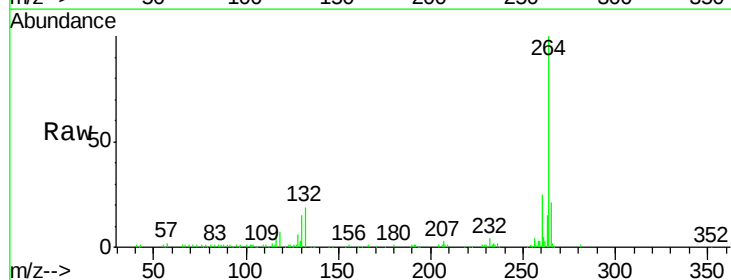
Tgt Ion:264 Resp: 138065

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.1 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

