

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105348.D
 Acq On : 12 May 2018 19:58
 Operator : JU/SJ
 Sample : J2834-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:53:24 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

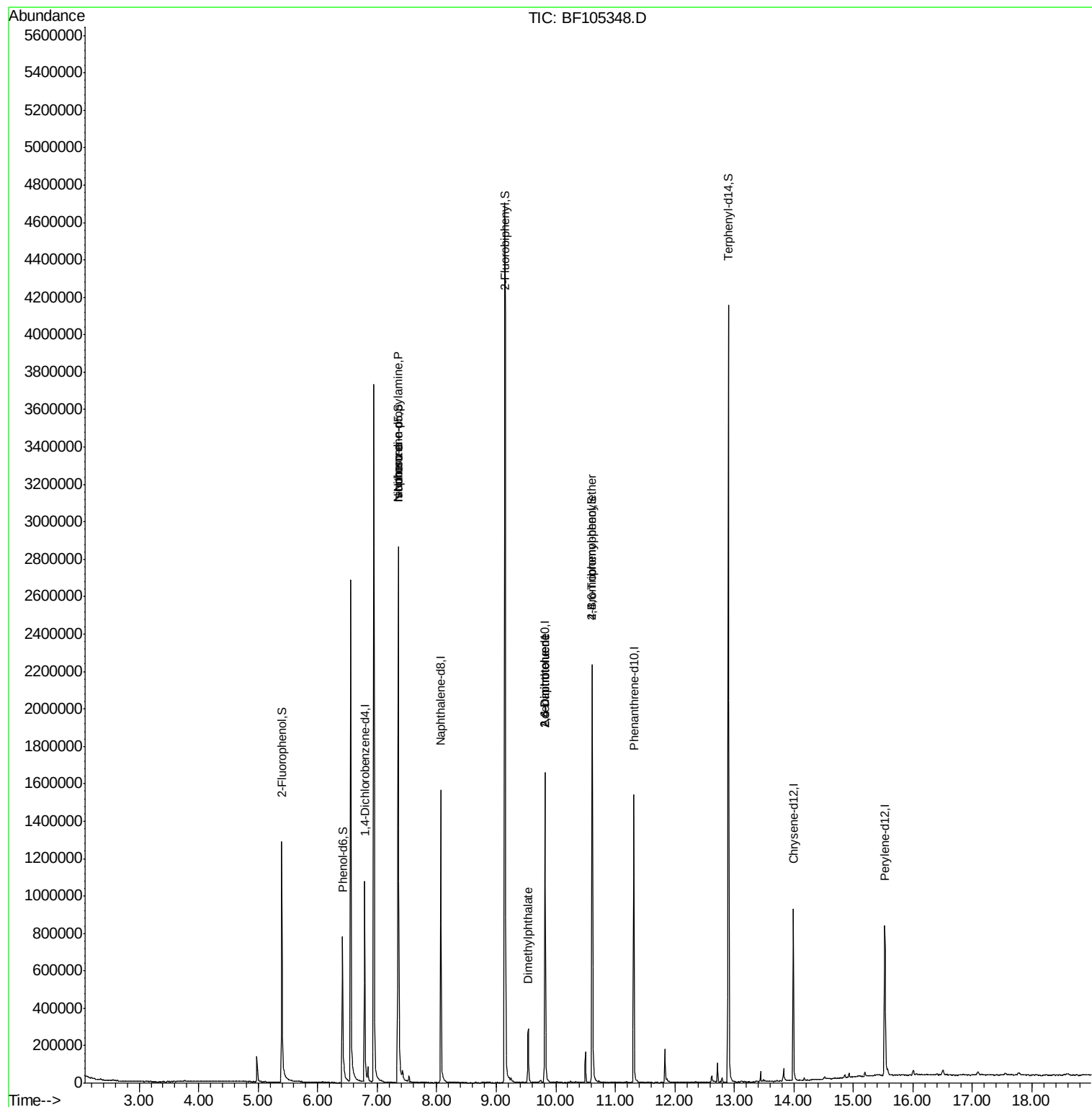
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	170364	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	717241	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	314368	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	556850	20.00	ng	0.00
75) Chrysene-d12	13.99	240	338640	20.00	ng	-0.02
86) Perylene-d12	15.53	264	390281	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	406825	35.92	ng	0.00
7) Phenol-d6	6.42	99	307706	22.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	1111873	90.22	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	332185	81.79	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1753156	80.38	ng	0.00
78) Terphenyl-d14	12.90	244	1563297	99.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	148913	17.50	ng	# 81
25) Isophorone	7.36	82	1111866	47.67	ng	# 64
49) Dimethylphthalate	9.54	163	129036	5.35	ng	99
50) 2,6-Dinitrotoluene	9.82	165	40366	7.60	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	40366	5.84	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	18120	2.93	ng	# 1

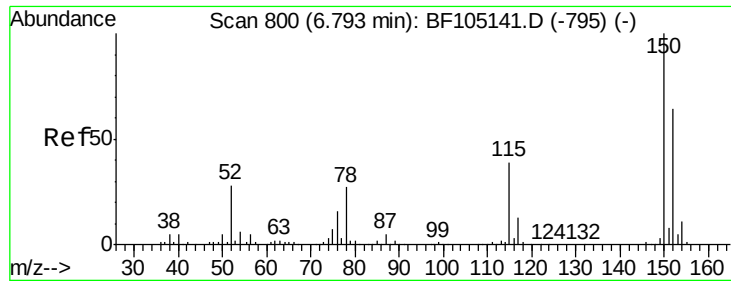
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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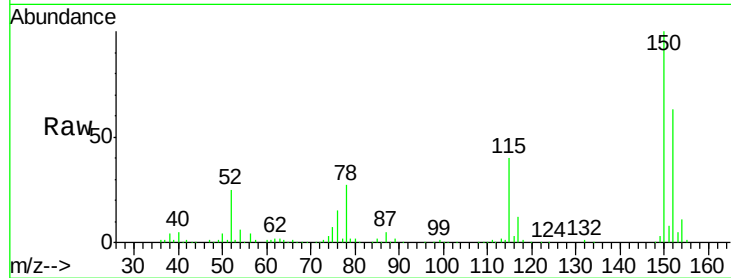


#1

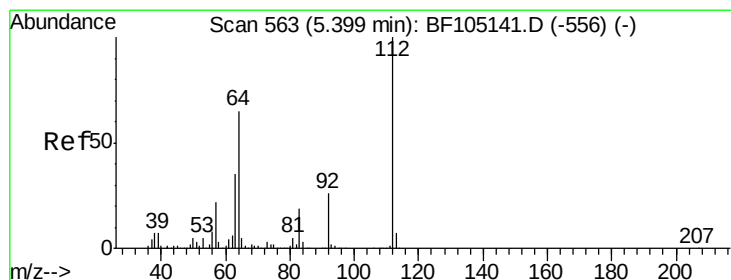
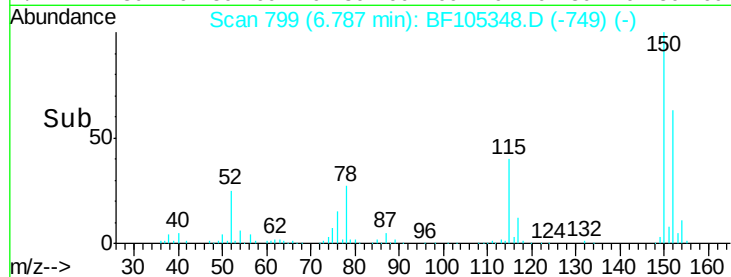
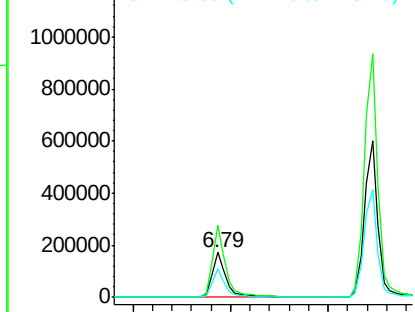
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105348.D
Acq: 12 May 2018 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	63.7	50.1	75.1



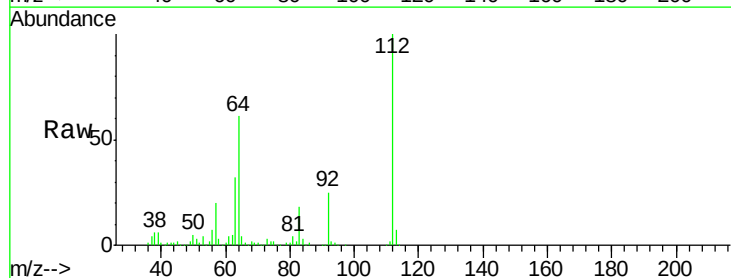
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



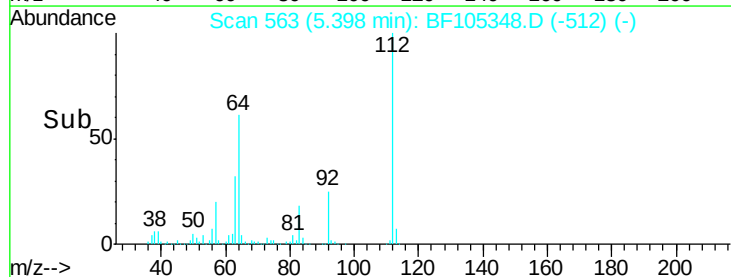
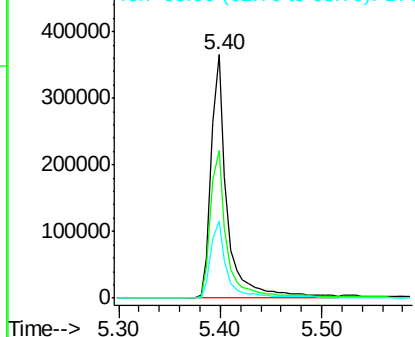
#5

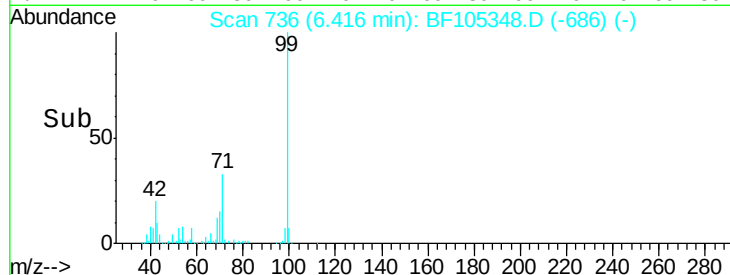
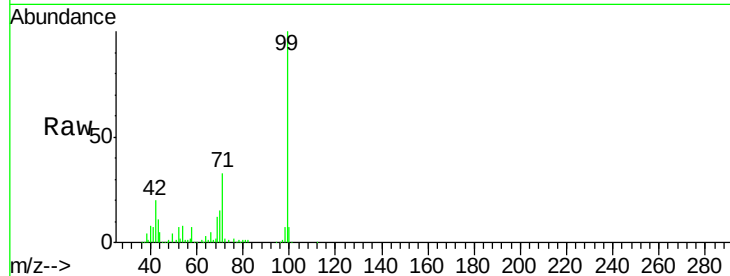
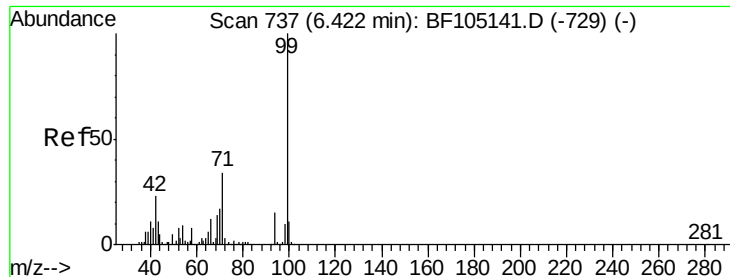
2-Fluorophenol
Concen: 35.92 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF105348.D
Acq: 12 May 2018 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.6	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: 22.86 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105348.D

Acq: 12 May 2018 19:58

Instrument :

BNA_F

ClientSampleId :

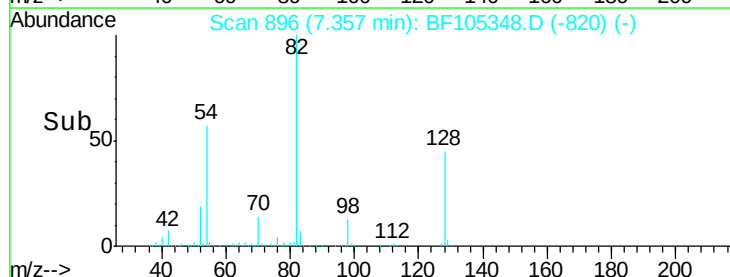
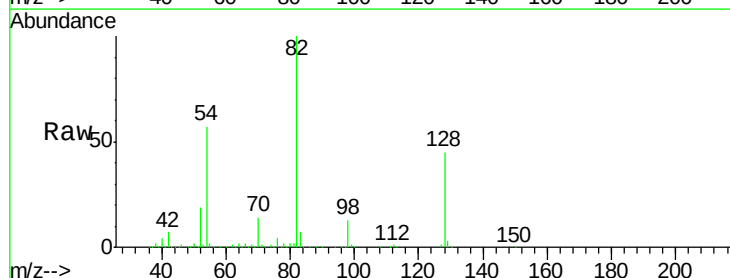
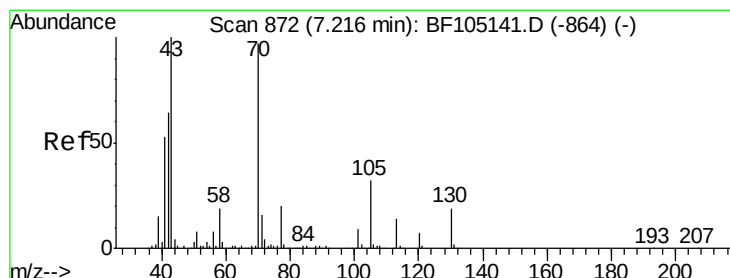
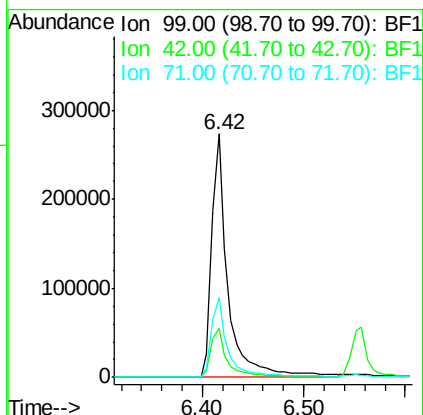
Tot Ion: 99 Resp: 307706

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.50 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105348.D

Acq: 12 May 2018 19:58

Tgt Ion: 70 Resp: 148913

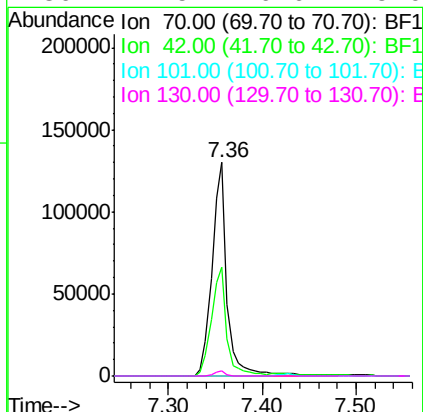
Ion Ratio Lower Upper

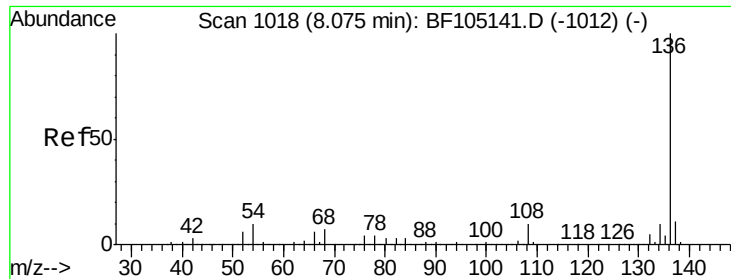
70 100

42 50.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

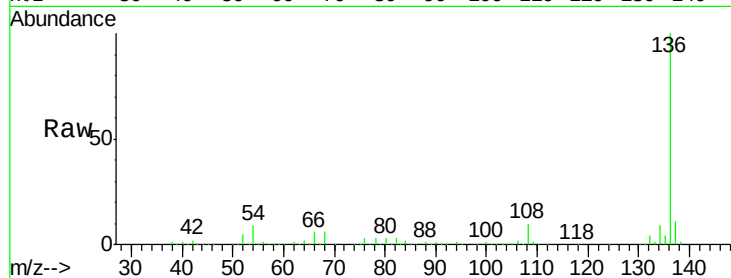




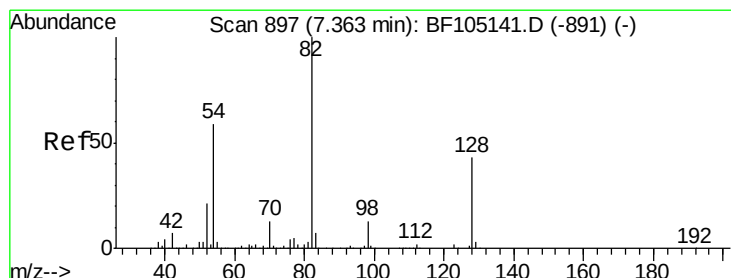
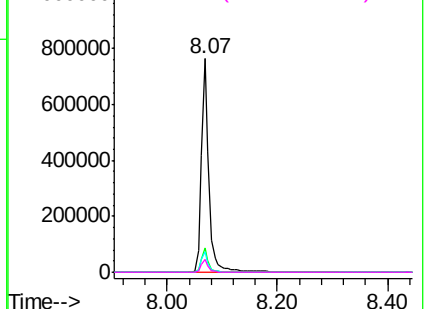
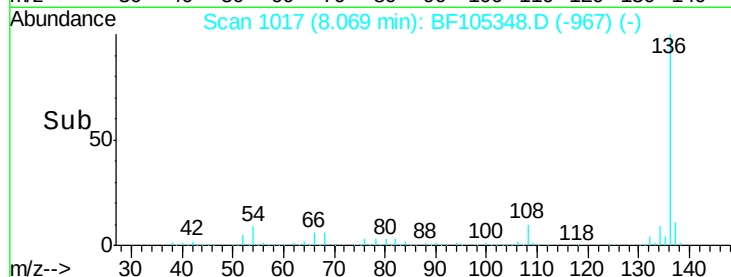
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105348.D
Acq: 12 May 2018 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	717241
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	9.4	6.6 9.8
68	6.3	5.0 7.4

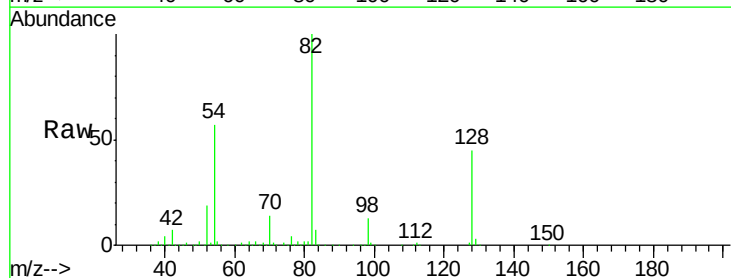


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

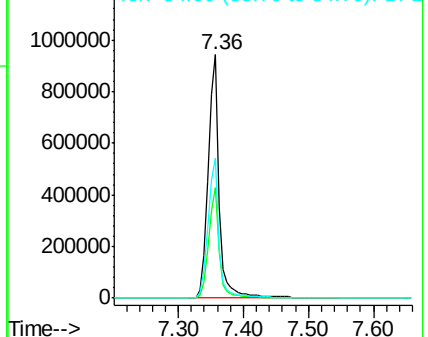
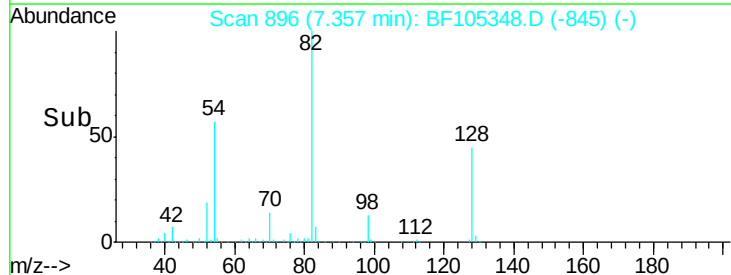


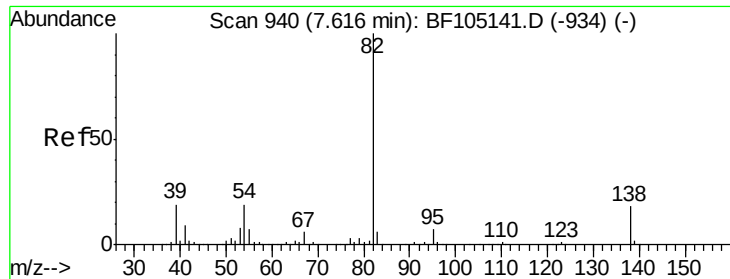
#23
Nitrobenzene-d5
Concen: 90.22 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF105348.D
Acq: 12 May 2018 19:58

Tgt Ion: 82	Resp:	1111873
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	57.4	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: 47.67 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105348.D

Acq: 12 May 2018 19:58

Instrument :

BNA_F

ClientSampleId :

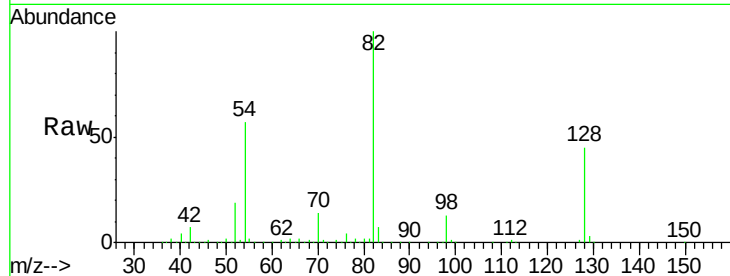
Tot Ion: 82 Resp: 1111866

Ion Ratio Lower Upper

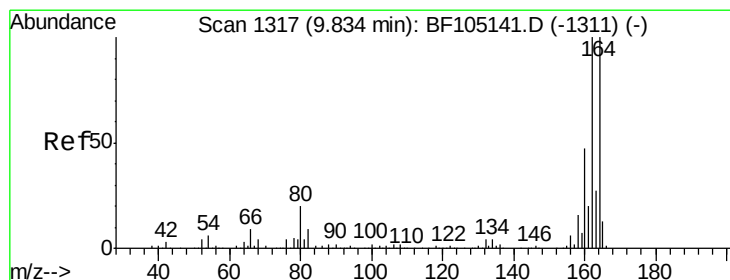
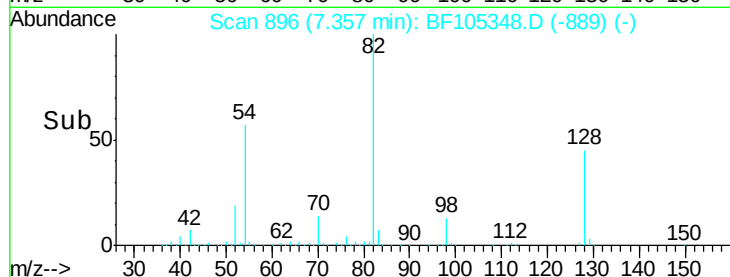
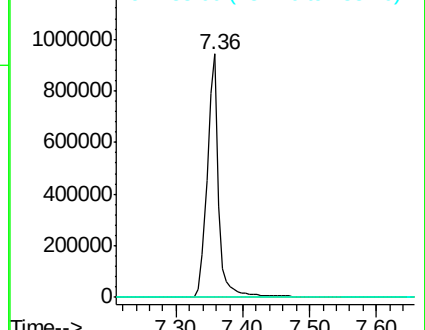
82 100

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: BF105348.D

Acq: 12 May 2018 19:58

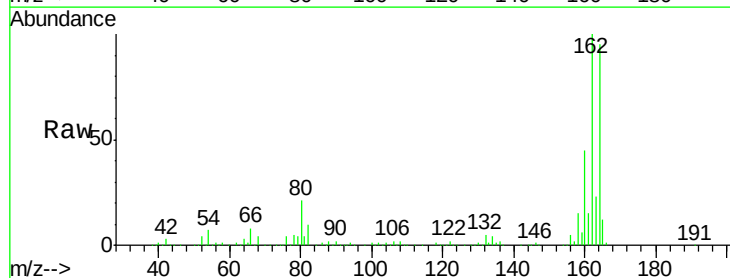
Tgt Ion:164 Resp: 314368

Ion Ratio Lower Upper

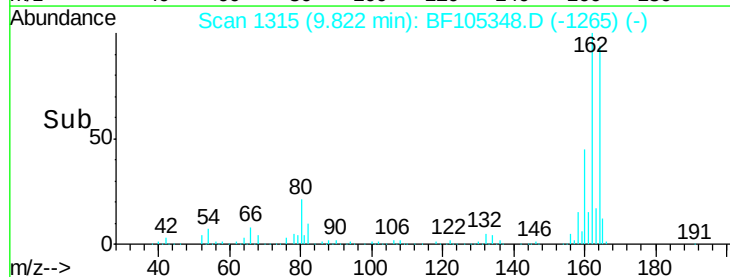
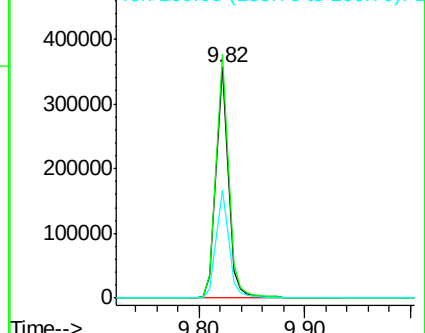
164 100

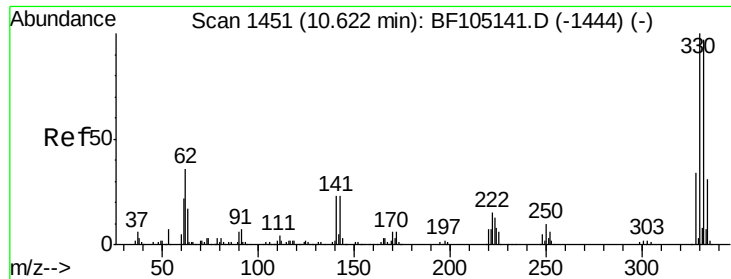
162 105.7 86.1 129.1

160 47.1 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

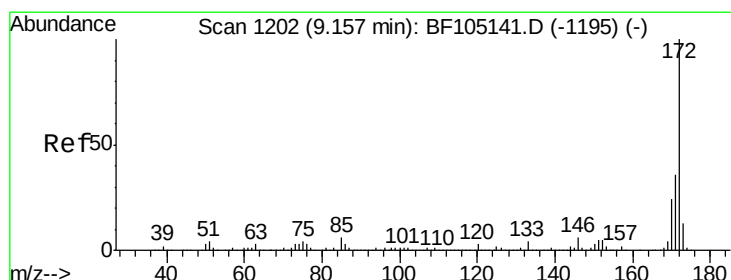
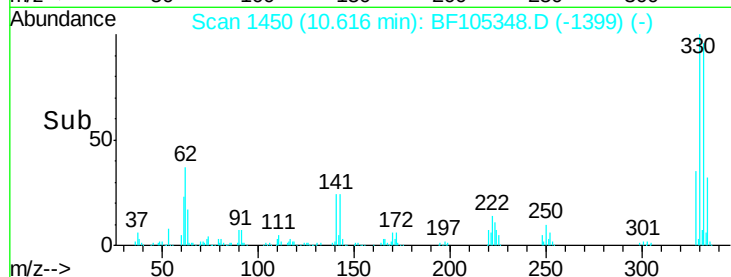
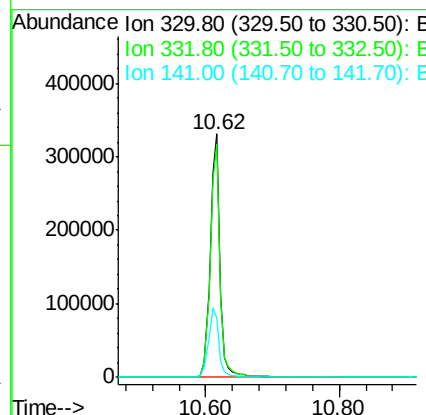
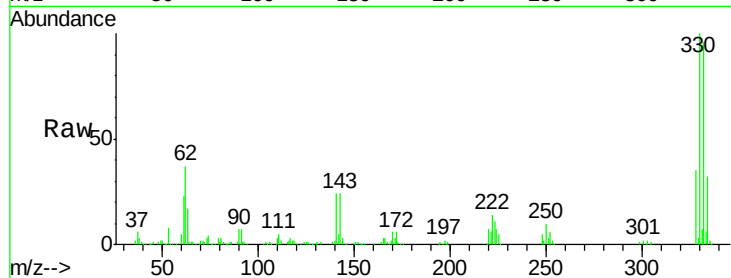




#41
 2,4,6-Tribromophenol
 Concen: 81.79 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105348.D
 Acq: 12 May 2018 19:58

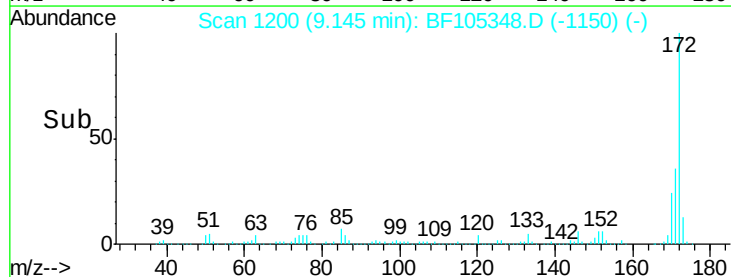
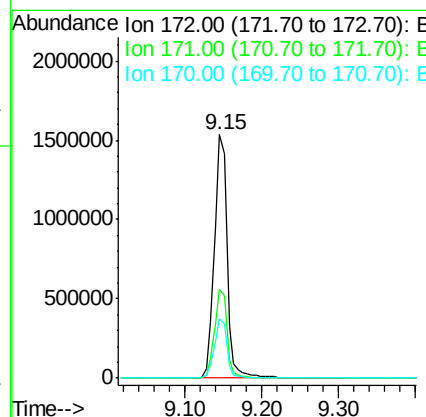
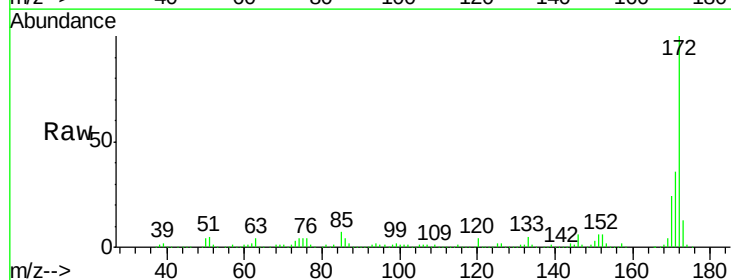
Instrument :
 BNA_F
 ClientSampleId :

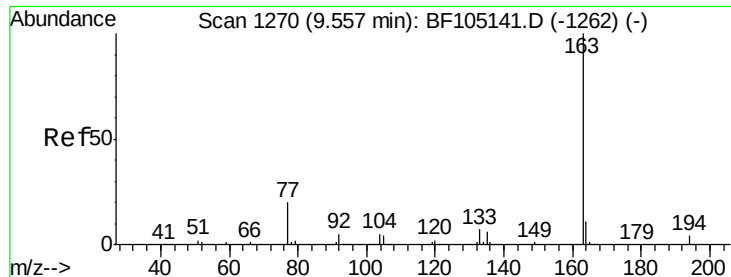
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 80.38 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105348.D
 Acq: 12 May 2018 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

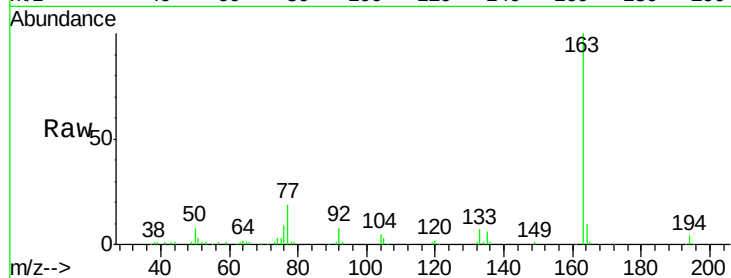




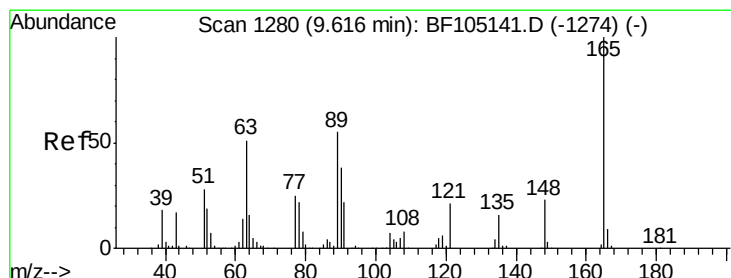
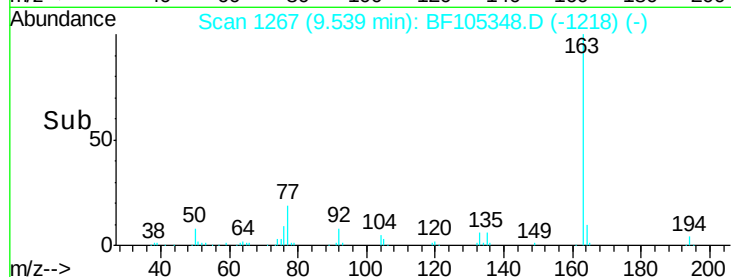
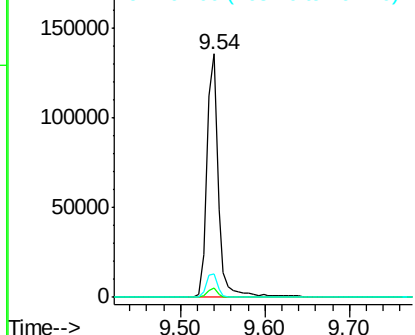
#49
Dimethylphthalate
Concen: 5.35 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105348.D
Acq: 12 May 2018 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 129036
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2

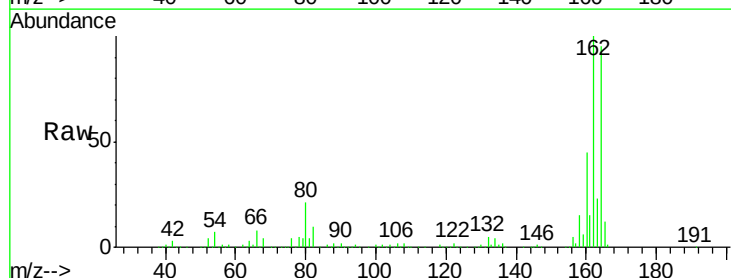


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

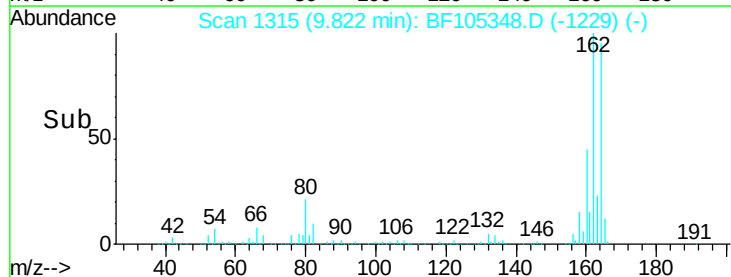
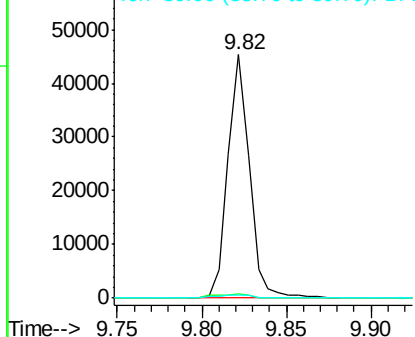


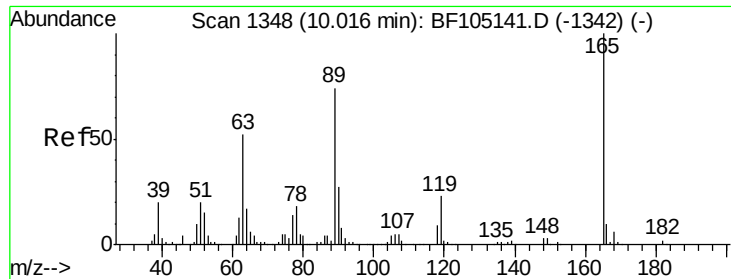
#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF105348.D
Acq: 12 May 2018 19:58

Tgt Ion:165 Resp: 40366
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.3 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

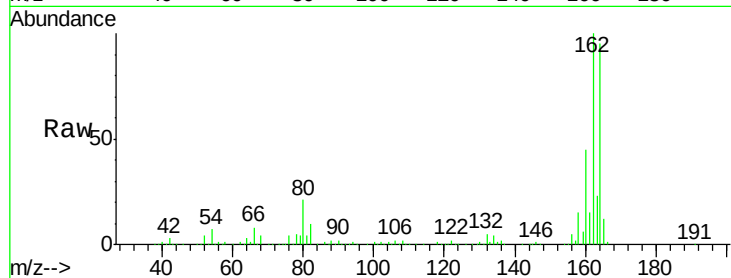




#56
 2,4-Dinitrotoluene
 Concen: 5.84 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF105348.D
 Acq: 12 May 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	40366
Ion Ratio	Lower	Upper
165	100	
63	1.6	36.4 54.6#
89	1.3	57.8 86.6#
182	0.0	1.6 2.4#

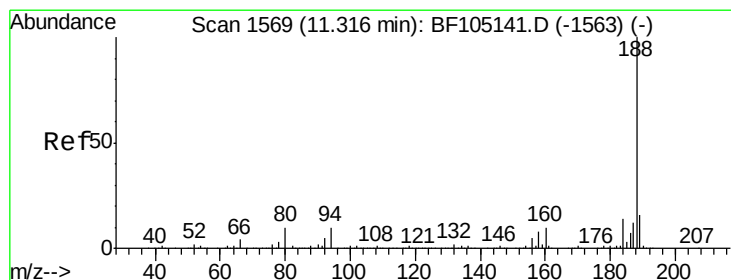
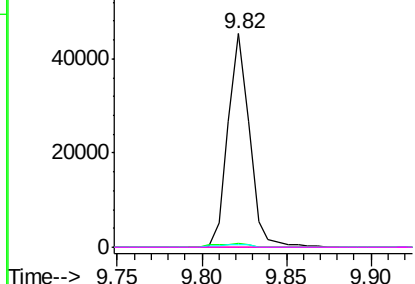
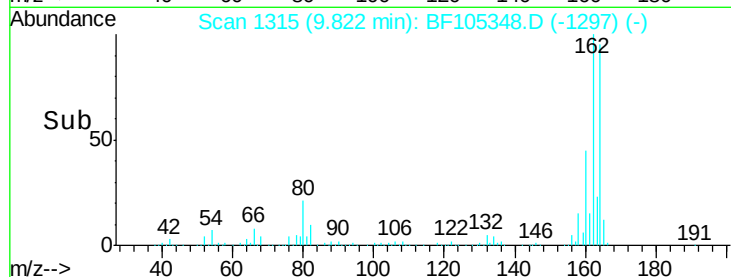


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

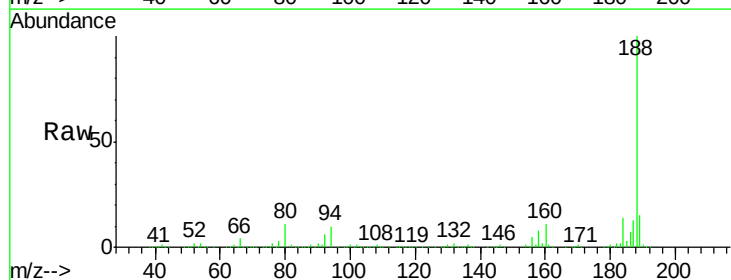
Ion 89.00 (88.70 to 89.70): BF1

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: BF105348.D
 Acq: 12 May 2018 19:58

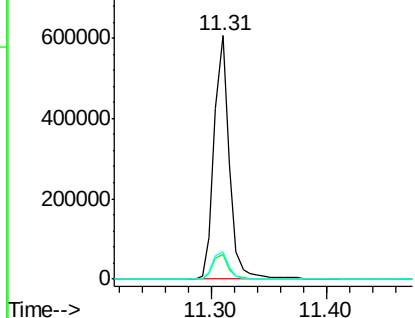
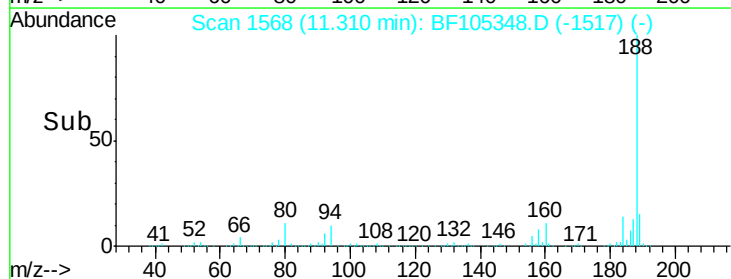
Tgt Ion:188	Resp:	556850
Ion Ratio	Lower	Upper
188	100	
94	10.2	8.5 12.7
80	11.1	9.2 13.8

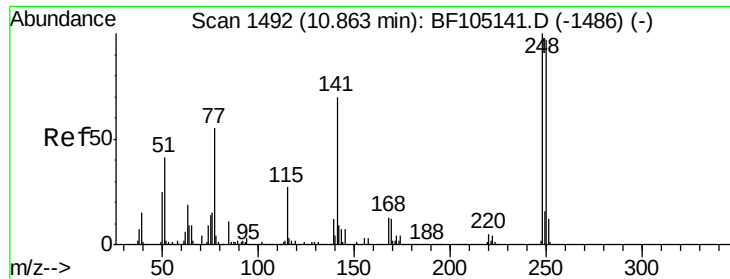


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

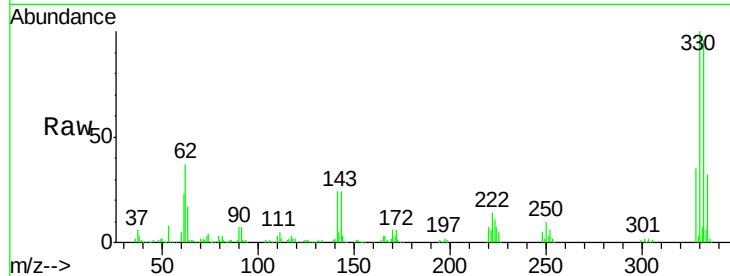




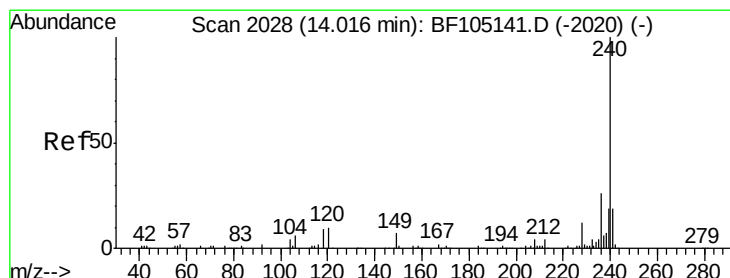
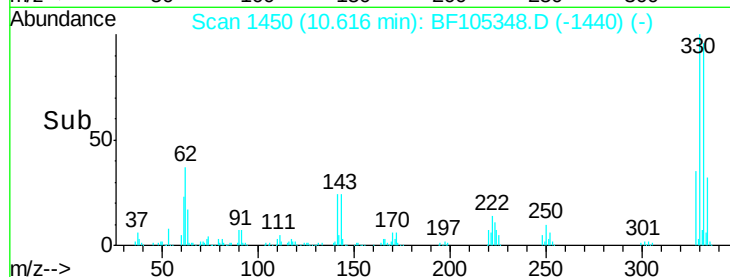
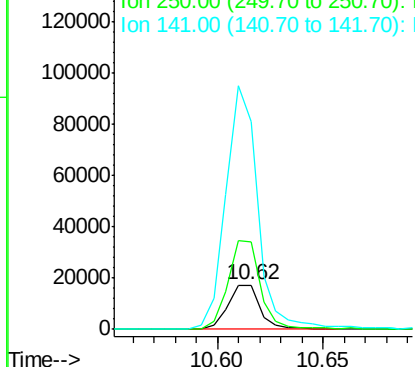
#66
 4-Bromophenyl-phenylether
 Concen: 2.93 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF105348.D
 Acq: 12 May 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 18120
 Ion Ratio Lower Upper
 248 100
 250 194.9 76.9 115.3#
 141 465.9 74.4 111.6#

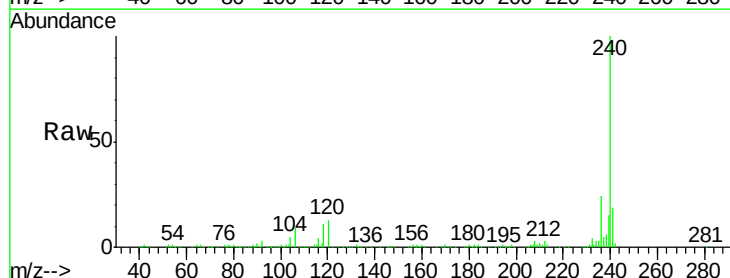


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

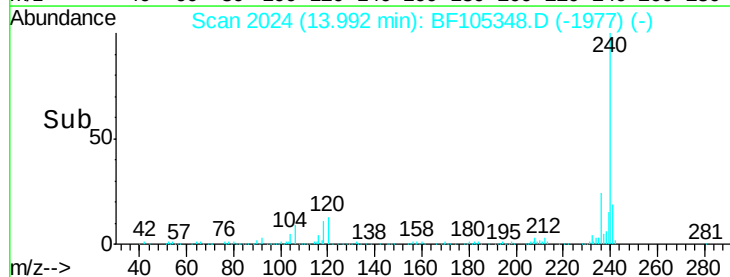
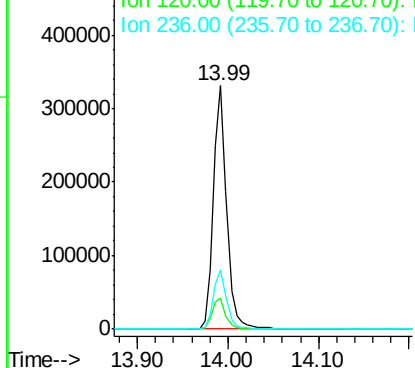


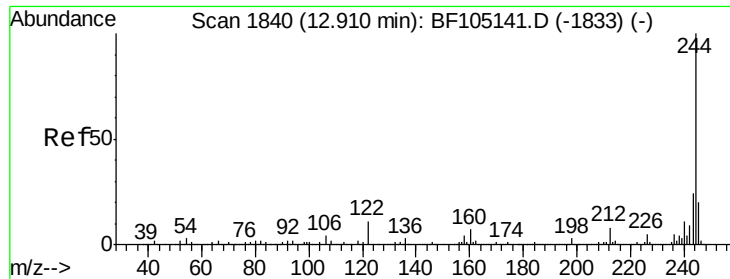
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF105348.D
 Acq: 12 May 2018 19:58

Tgt Ion:240 Resp: 338640
 Ion Ratio Lower Upper
 240 100
 120 12.5 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: 99.24 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105348.D

Acq: 12 May 2018 19:58

Instrument :

BNA_F

ClientSampleId :

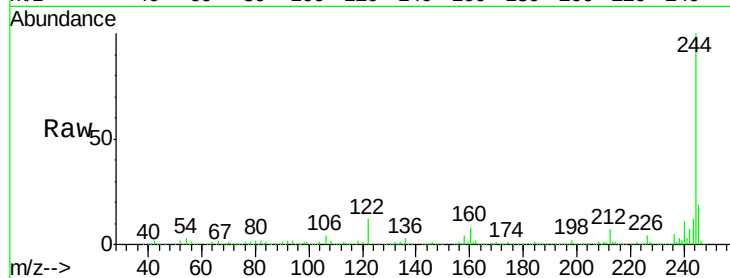
Tot Ion:244 Resp: 1563297

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

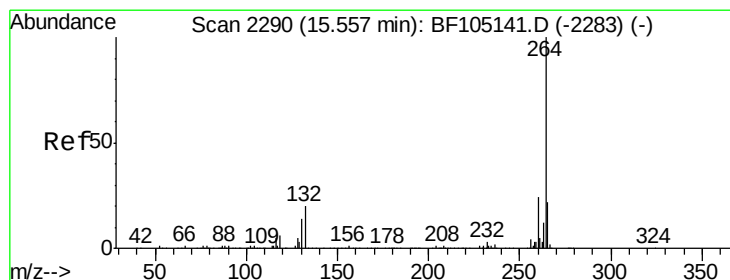
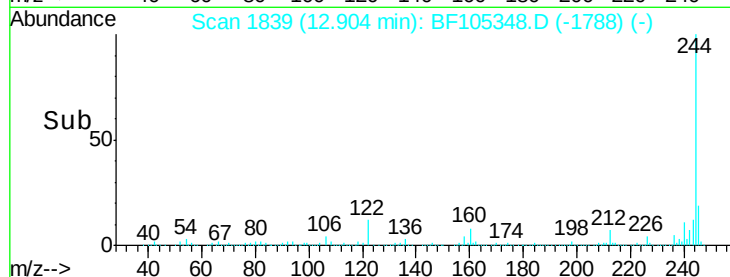
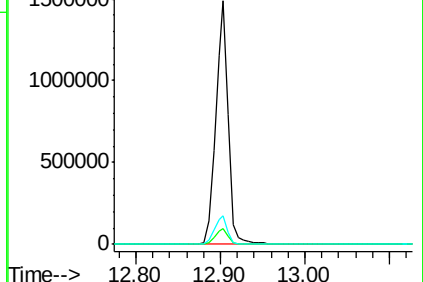
122 11.9 11.0 16.4



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# 2285

Delta R.T. -0.04 min

Lab File: BF105348.D

Acq: 12 May 2018 19:58

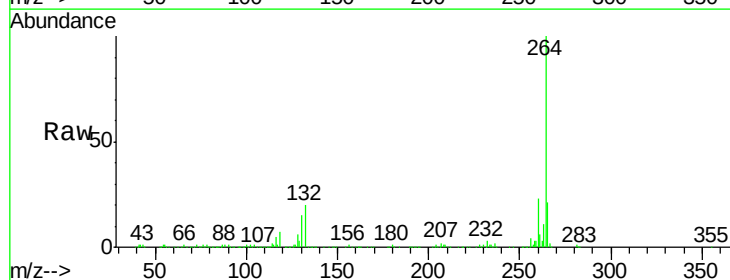
Tgt Ion:264 Resp: 390281

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.7 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

