

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036955.D
 Acq On : 25 Sep 2018 18:58
 Operator : JU/SJ
 Sample : J5061-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:45:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

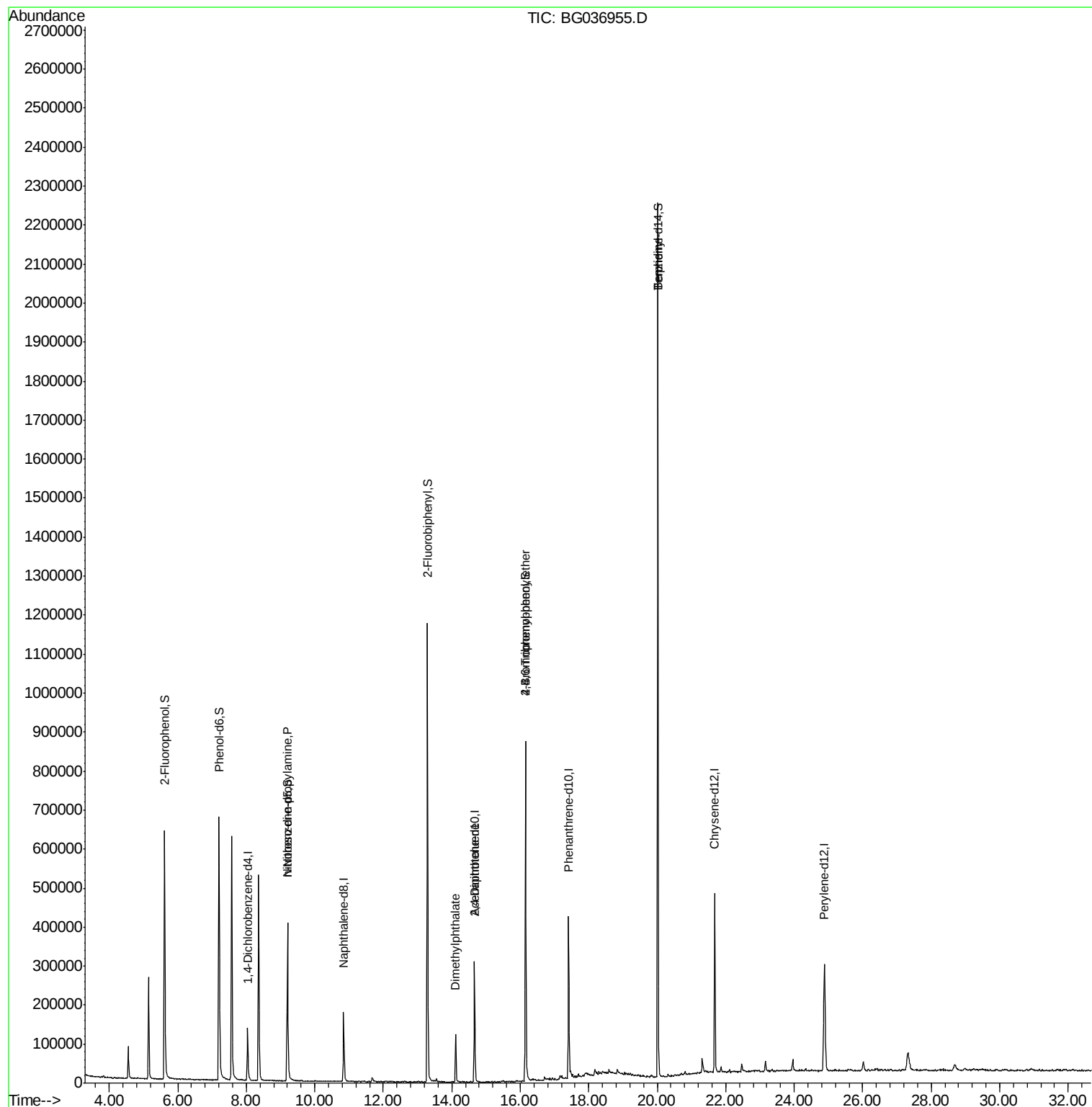
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42641	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	169146	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	116332	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	292174	20.00	ng	0.00
75) Chrysene-d12	21.68	240	301440	20.00	ng	-0.01
86) Perylene-d12	24.88	264	305873	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	285655	128.47	ng	0.00
7) Phenol-d6	7.20	99	445564	129.52	ng	-0.01
23) Nitrobenzene-d5	9.21	82	289122	91.54	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	172824	124.17	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	666049	85.27	ng	-0.01
78) Terphenyl-d14	20.02	244	1106762	96.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	39342	13.748	ng	# 74
49) Dimethylphthalate	14.12	163	91651	9.788	ng	# 97
56) 2,4-Dinitrotoluene	14.66	165	14835	5.204	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	11808	3.553	ng	# 1
76) Benzidine	20.02	184	18722	2.055	ng	# 95

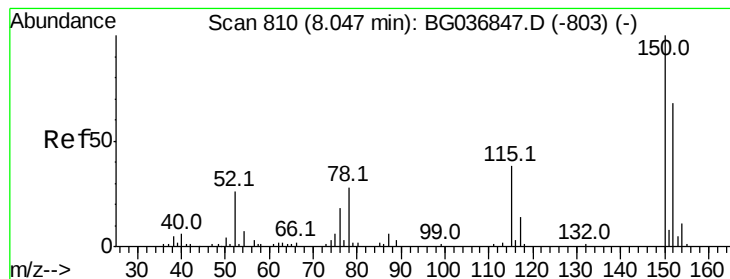
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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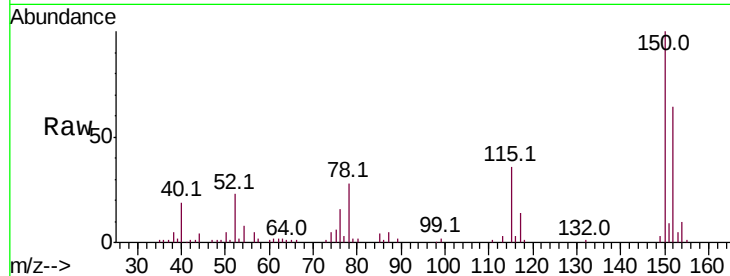


#1

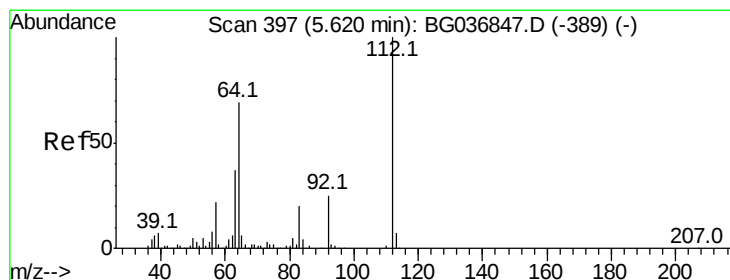
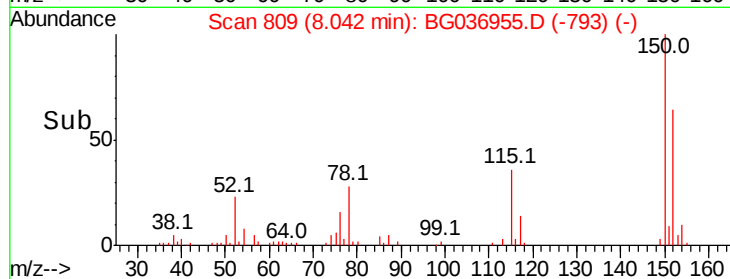
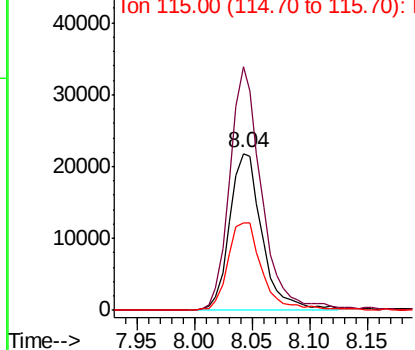
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 42641
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 55.4 44.5 66.7



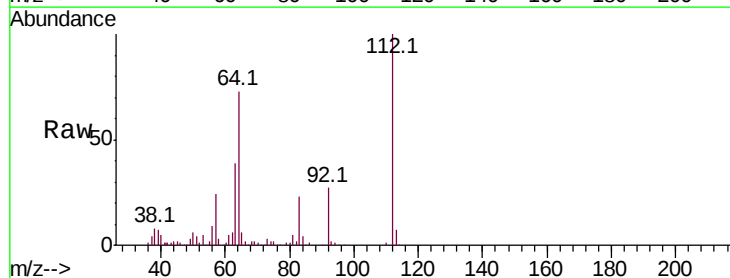
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



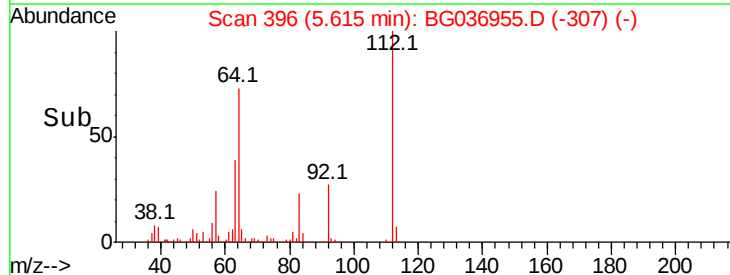
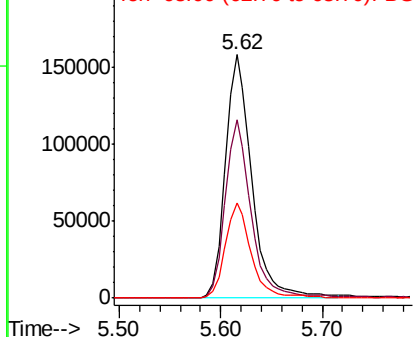
#5

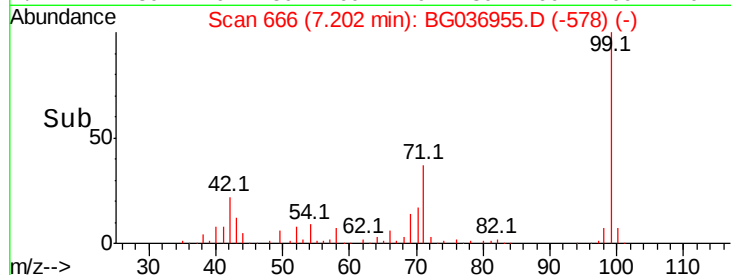
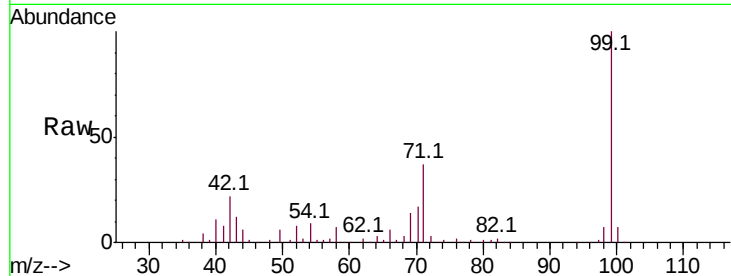
2-Fluorophenol
Concen: 128.474 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

Tgt Ion:112 Resp: 285655
Ion Ratio Lower Upper
112 100
64 73.4 57.2 85.8
63 39.3 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.522 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

Instrument :

BNA_F

ClientSampled :

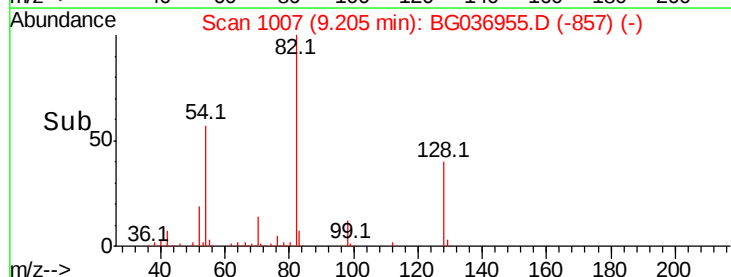
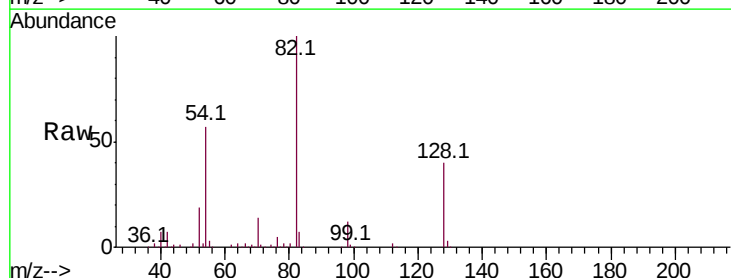
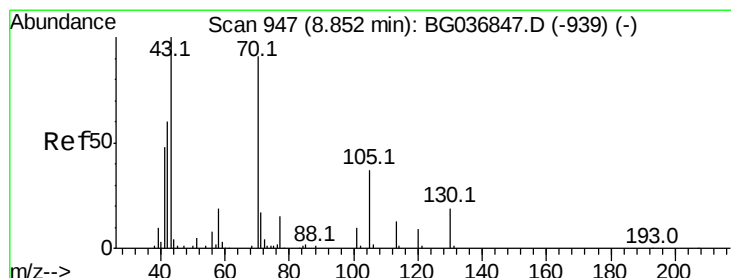
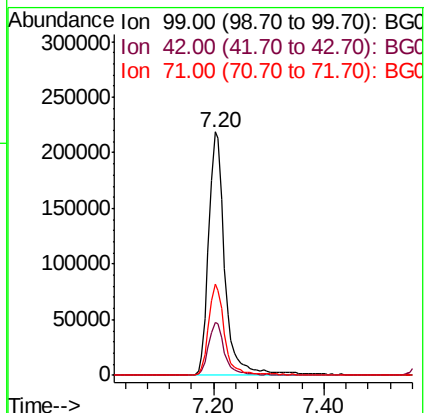
Tot Ion: 99 Resp: 445564

Ion Ratio Lower Upper

99 100

42 21.8 16.5 24.7

71 37.3 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.748 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

Tgt Ion: 70 Resp: 39342

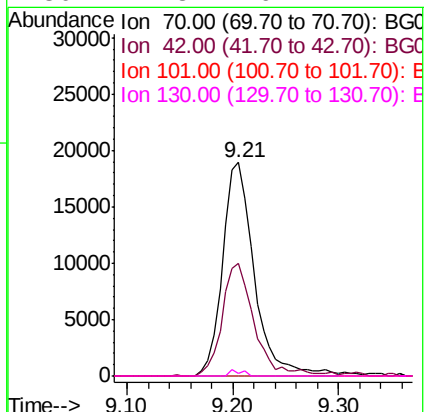
Ion Ratio Lower Upper

70 100

42 52.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.3 16.2 24.2#

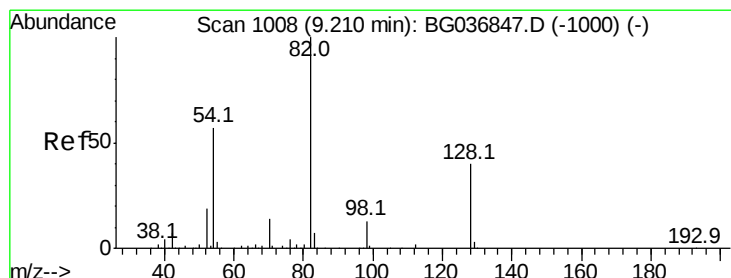
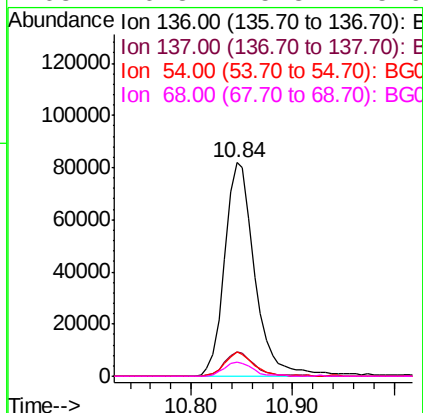
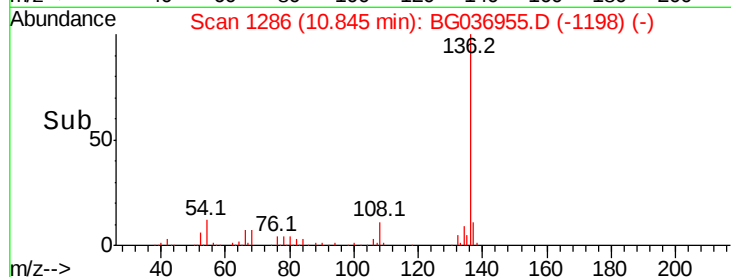
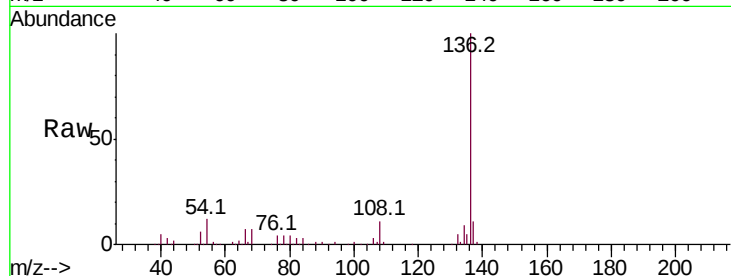




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

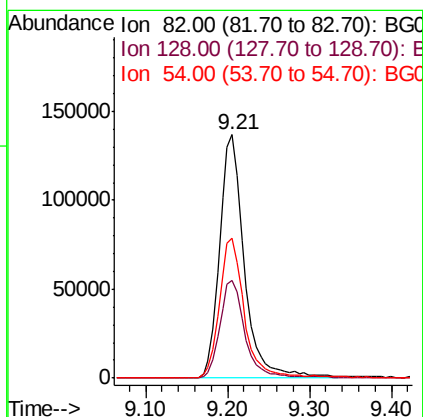
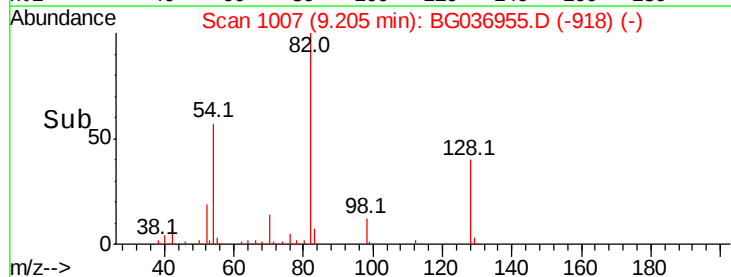
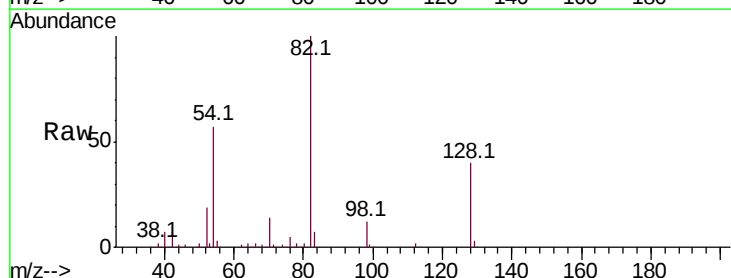
Instrument :
BNA_F
ClientSampleId :

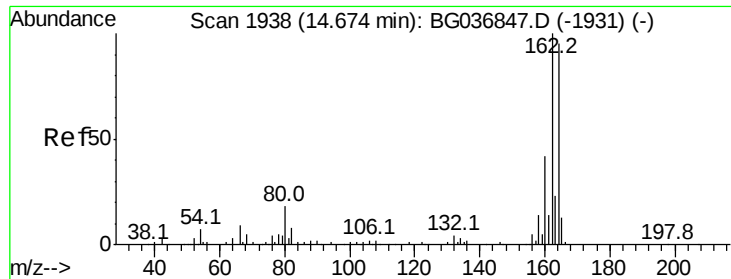
Tot Ion:136	Resp:	169146
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 11.5	9.2	13.8
68 6.8	5.8	8.6



#23
Nitrobenzene-d5
Concen: 91.535 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

Tgt Ion: 82	Resp: 289122
Ion Ratio	Lower Upper
82 100	
128 40.2	33.3 49.9
54 57.4	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

Instrument :

BNA_F

ClientSampleId :

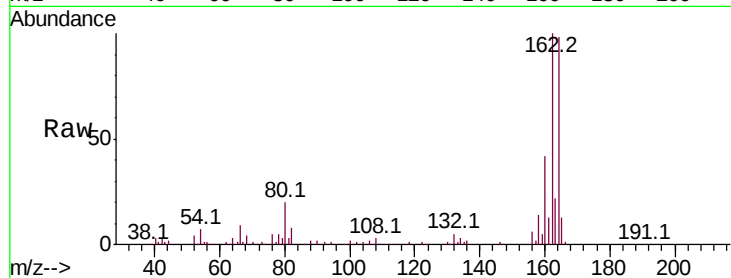
Tot Ion:164 Resp: 116332

Ion Ratio Lower Upper

164 100

162 101.7 80.7 121.1

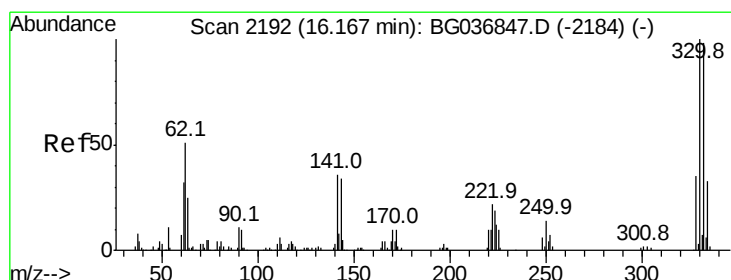
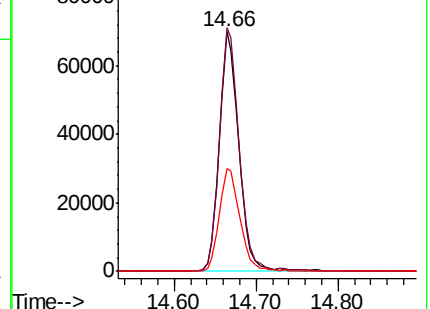
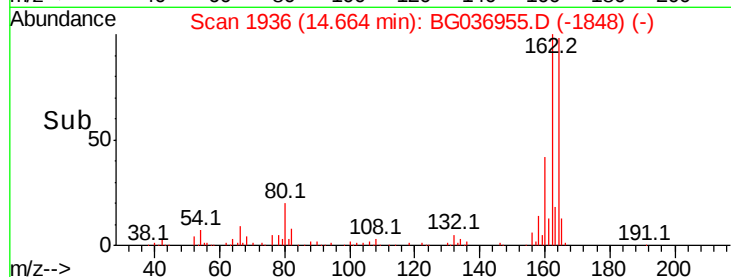
160 42.8 35.3 52.9



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: 124.169 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

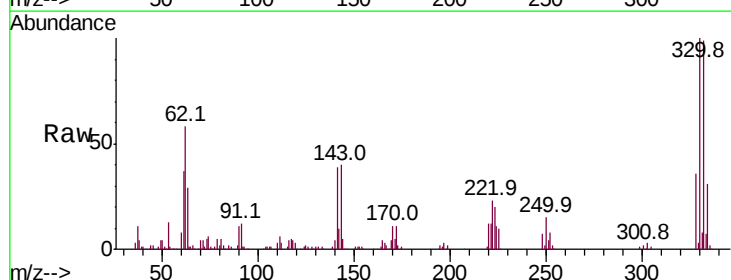
Tgt Ion:330 Resp: 172824

Ion Ratio Lower Upper

330 100

332 96.0 75.4 113.2

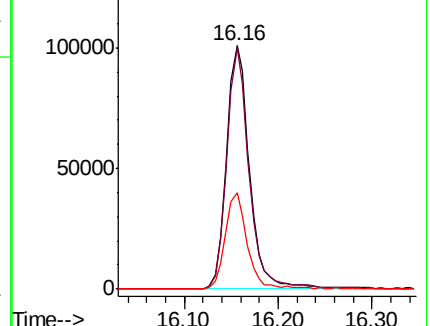
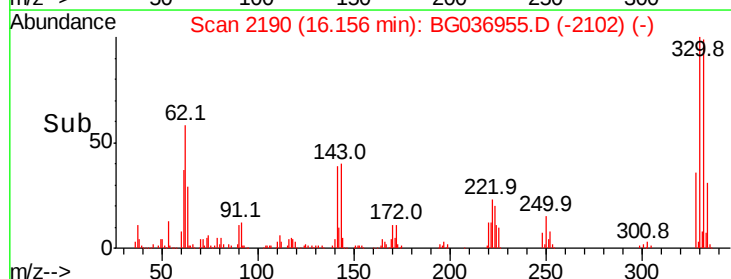
141 38.1 30.7 46.1



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

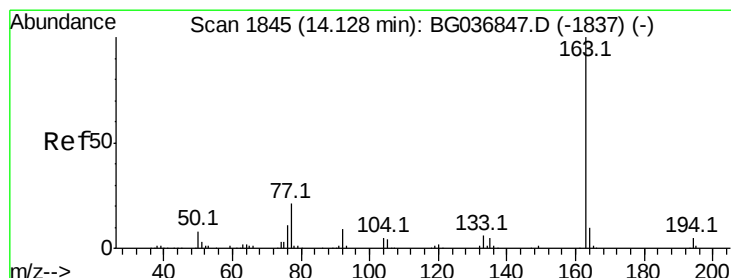
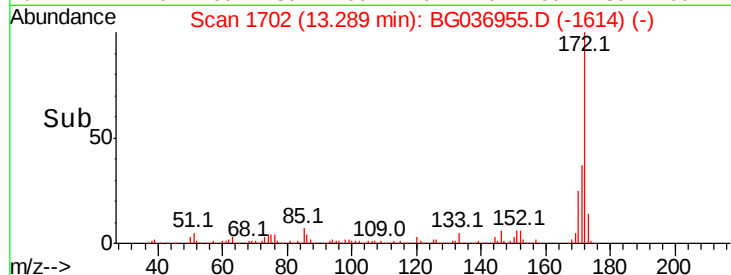
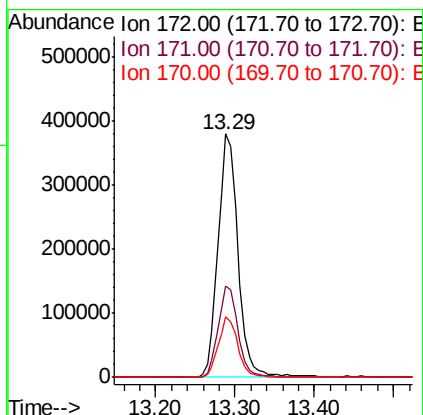
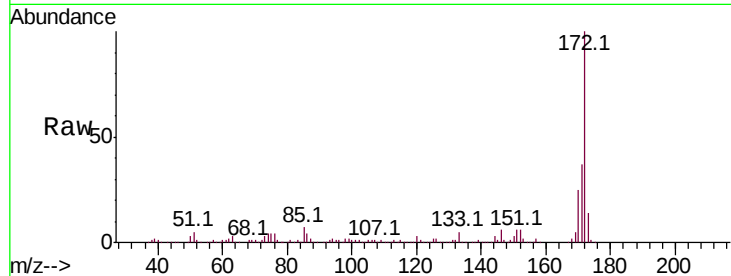




#44
2-Fluorobiphenyl
Concen: 85.274 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

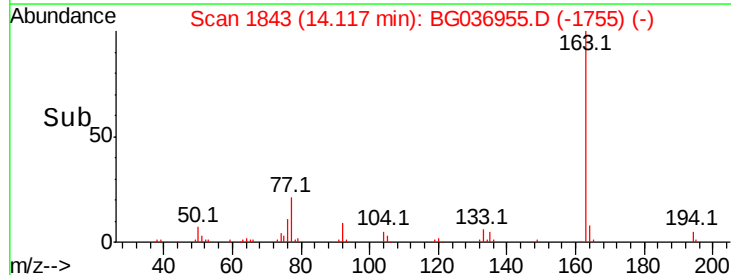
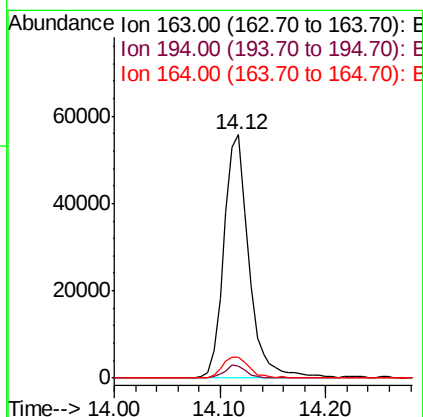
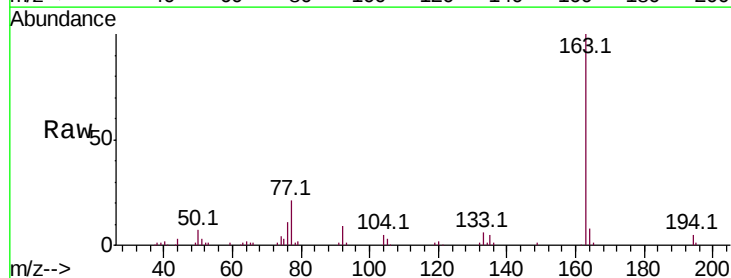
Instrument :
BNA_F
ClientSampleId :

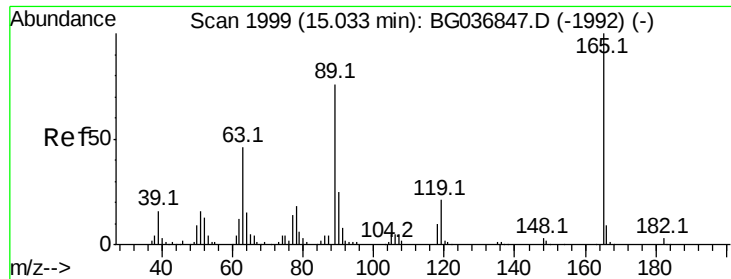
Tot Ion:172 Resp: 666049
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.7 21.0 31.6



#49
Dimethylphthalate
Concen: 9.788 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

Tgt Ion:163 Resp: 91651
Ion Ratio Lower Upper
163 100
194 4.7 4.0 6.0
164 8.4 8.1 12.1

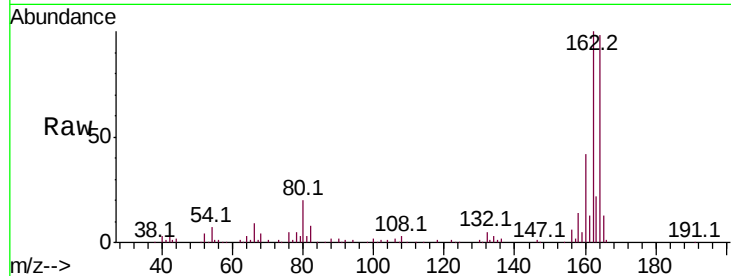




#56
 2,4-Dinitrotoluene
 Concen: 5.204 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

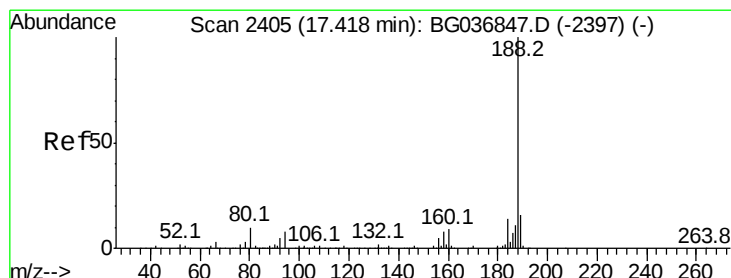
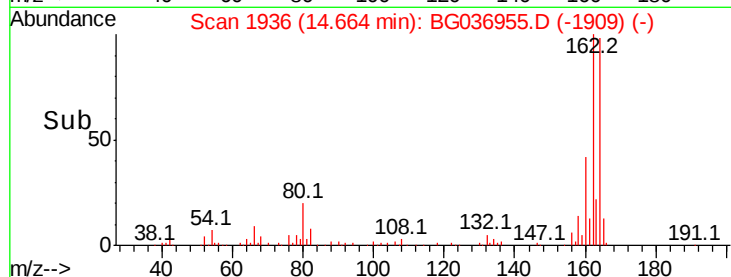
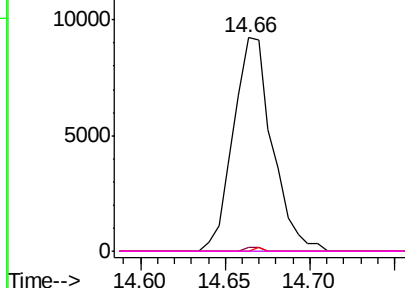


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

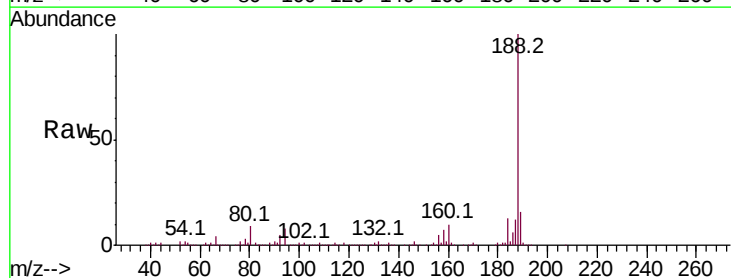
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

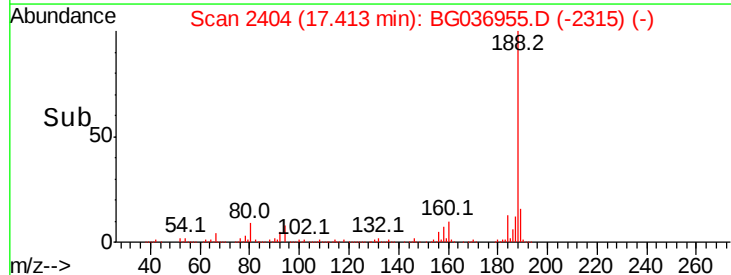
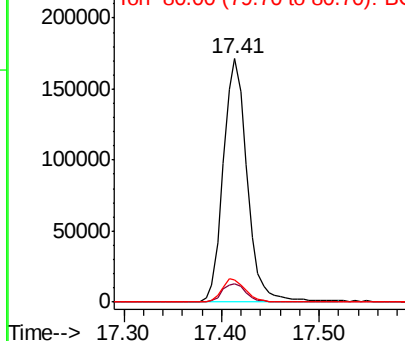
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.9	8.1	12.1

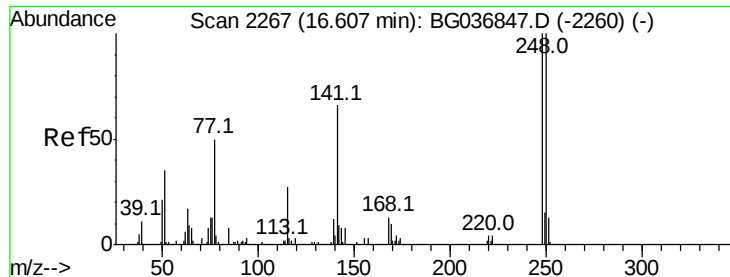


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

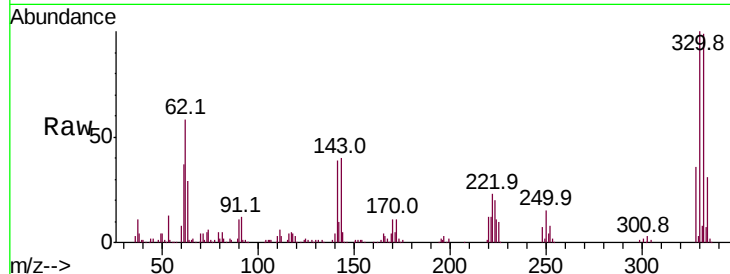




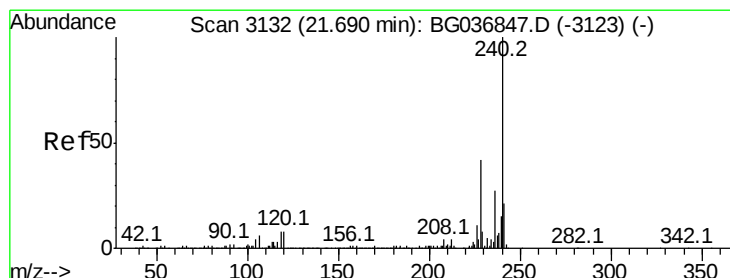
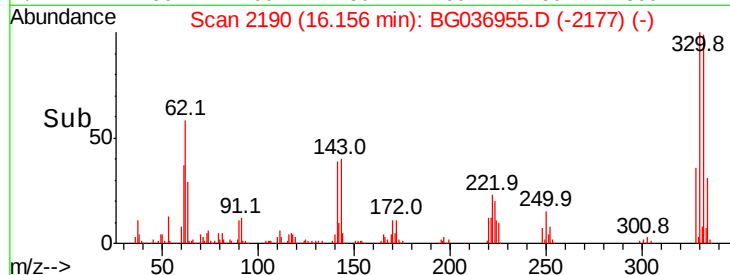
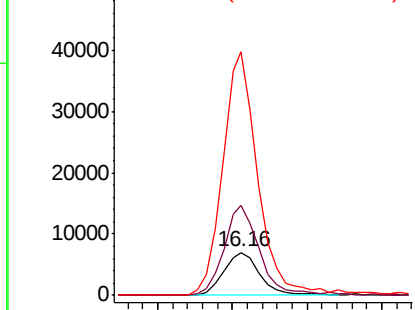
#66
4-Bromophenyl-phenylether
Concen: 3.553 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11808
Ion Ratio Lower Upper
248 100
250 211.6 78.1 117.1#
141 570.4 53.7 80.5#

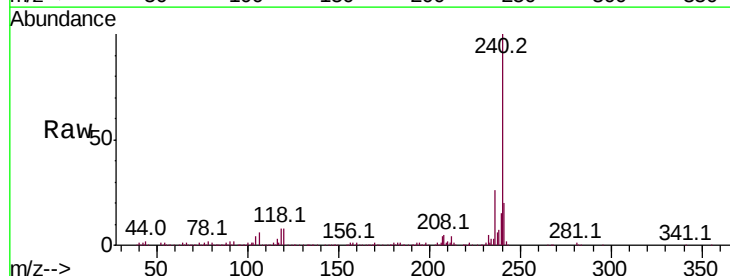


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

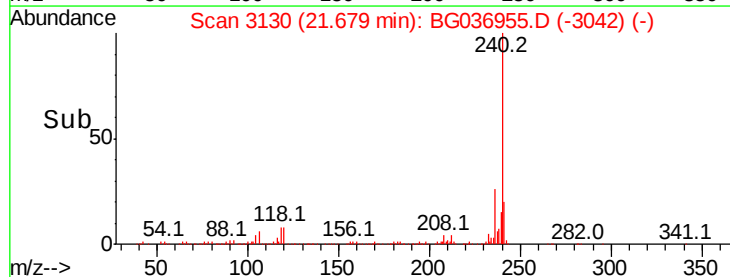
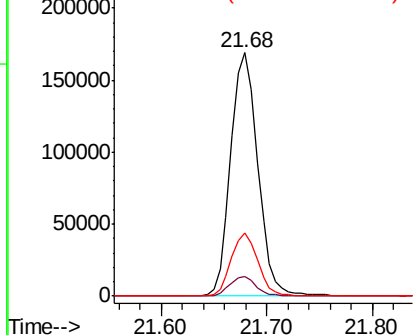


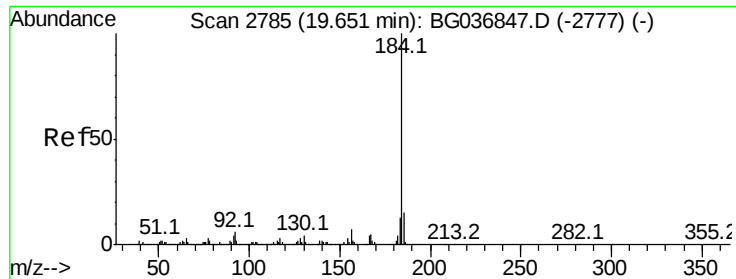
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

Tgt Ion:240 Resp: 301440
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.9 21.2 31.8



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





#76

Benzidine

Concen: 2.055 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

Instrument :

BNA_F

ClientSampleId :

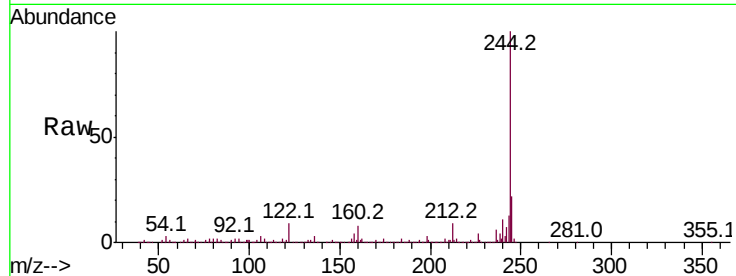
Tot Ion:184 Resp: 18722

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

183 9.1 10.9 16.3#

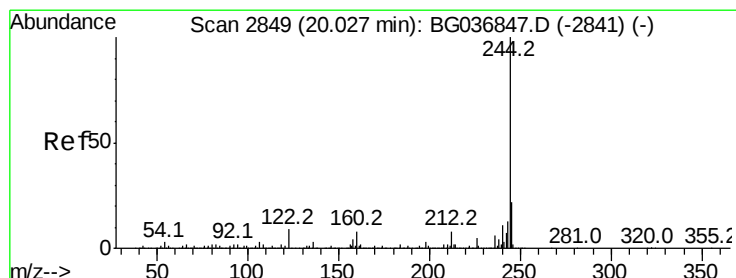
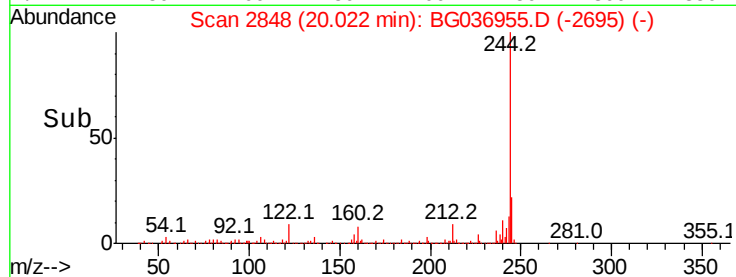
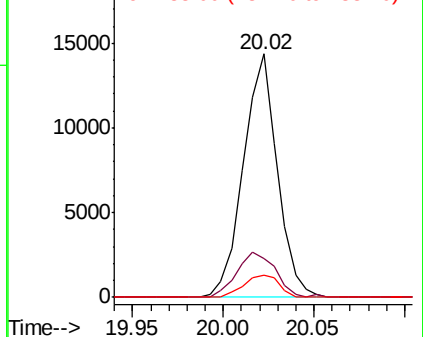


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 96.544 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

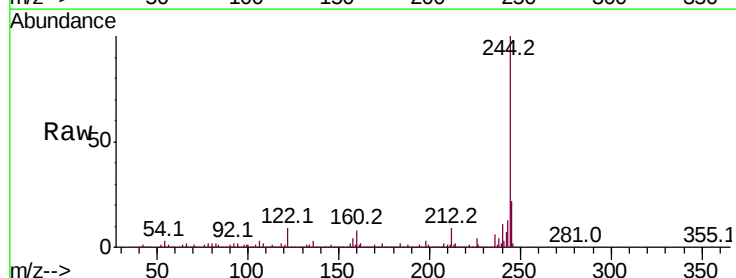
Tgt Ion:244 Resp: 1106762

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

122 8.8 7.1 10.7

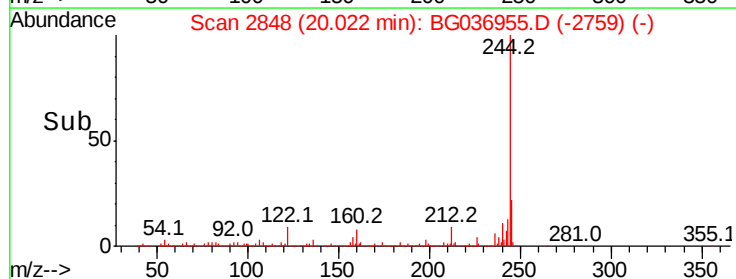
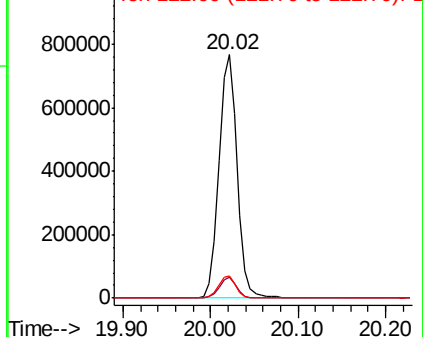


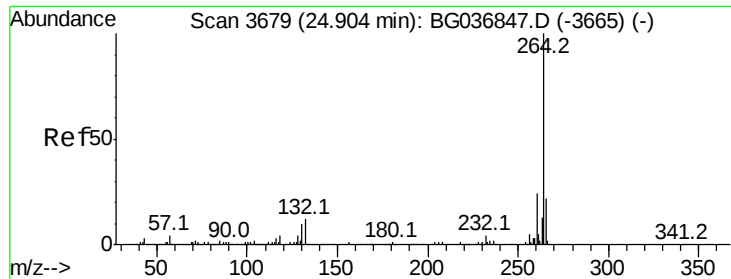
Abundance

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

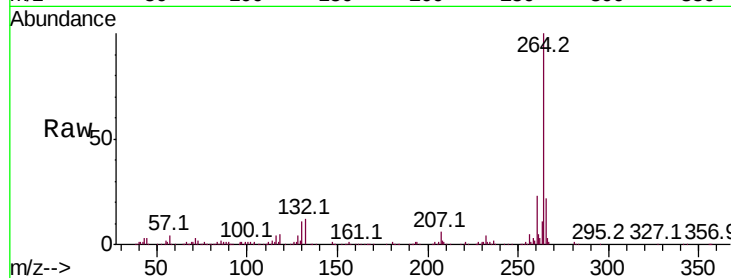




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036955.D
Acq: 25 Sep 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.0	17.4	26.0



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

