

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036960.D
 Acq On : 25 Sep 2018 22:11
 Operator : JU/SJ
 Sample : J4775-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:45:47 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

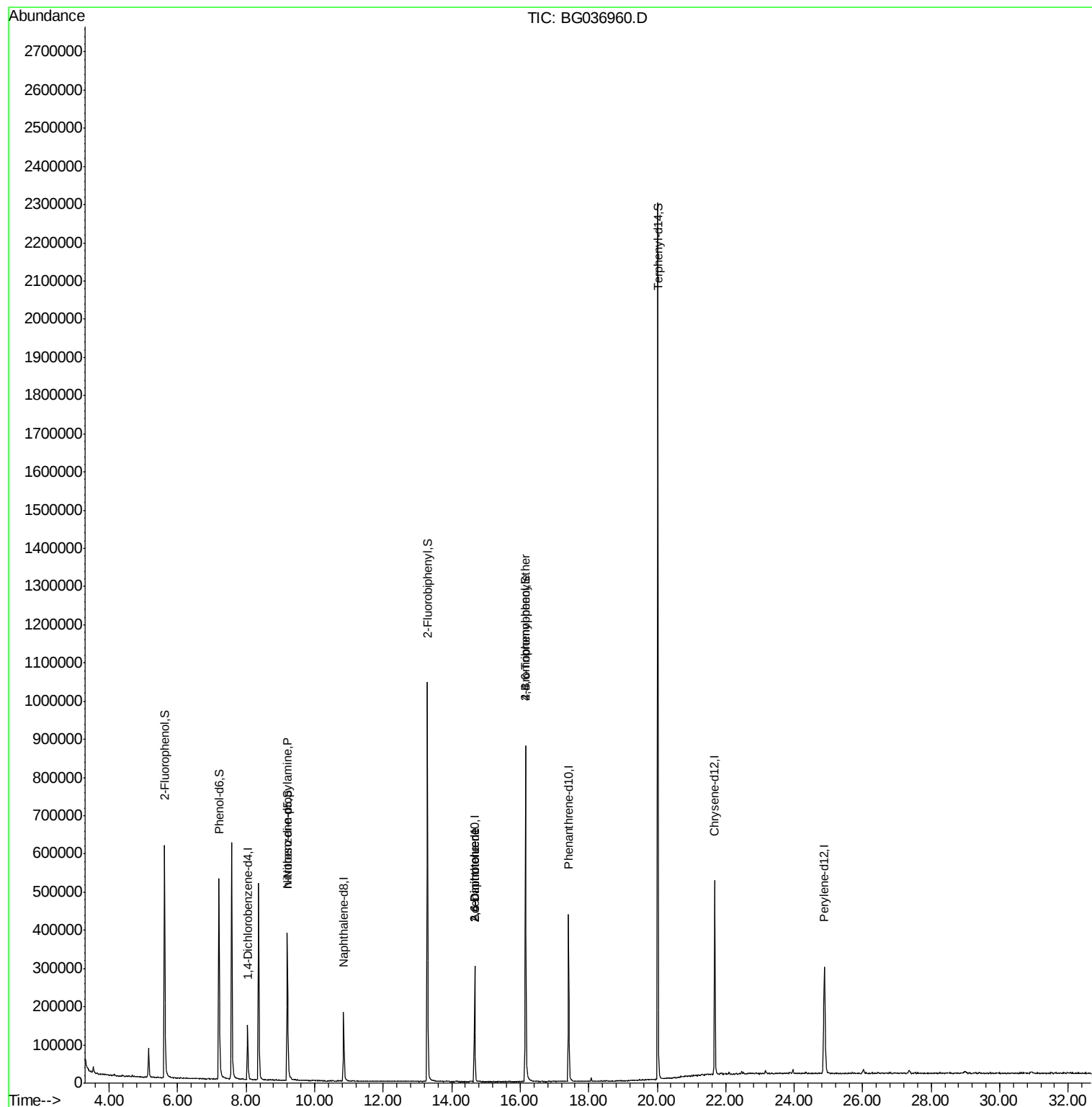
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44792	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	174325	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	113319	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	304911	20.00	ng	0.00
75) Chrysene-d12	21.68	240	329145	20.00	ng	0.00
86) Perylene-d12	24.88	264	324174	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	280439	120.07	ng	0.00
7) Phenol-d6	7.20	99	336082	93.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	281132	86.36	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	177855	131.18	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	592683	77.90	ng	0.00
78) Terphenyl-d14	20.02	244	1128971	90.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	38209	12.710	ng	# 69
50) 2,6-Dinitrotoluene	14.66	165	13986	7.028	ng	# 23
56) 2,4-Dinitrotoluene	14.66	165	13986	5.036	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	12389	3.572	ng	# 1

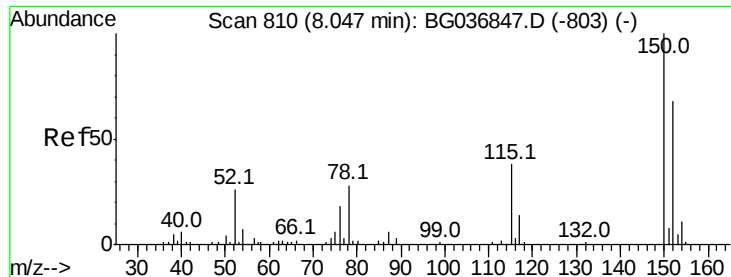
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036960.D
Acq On : 25 Sep 2018 22:11
Operator : JU/SJ
Sample : J4775-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 01:45:47 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



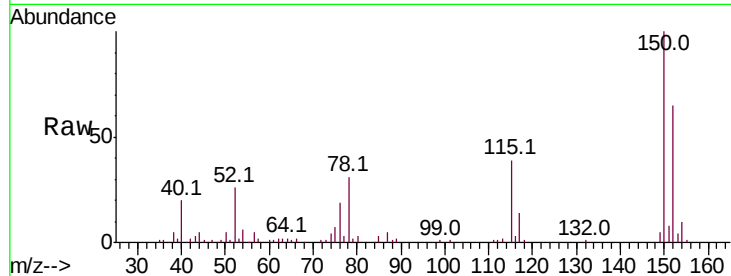


#1

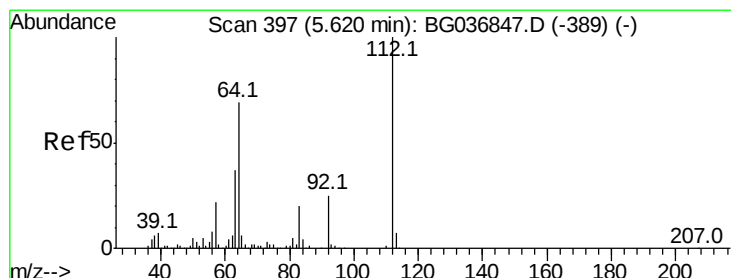
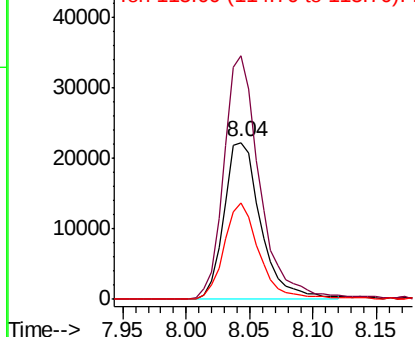
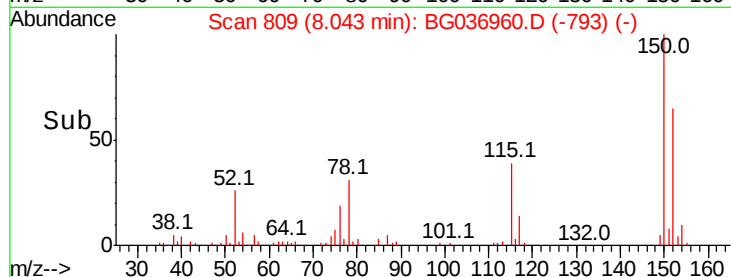
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	119.5	179.3
115	61.2	44.5	66.7



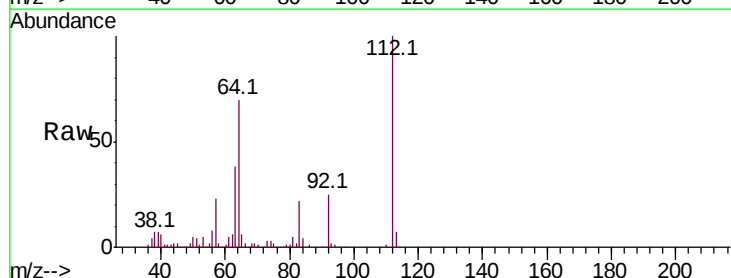
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



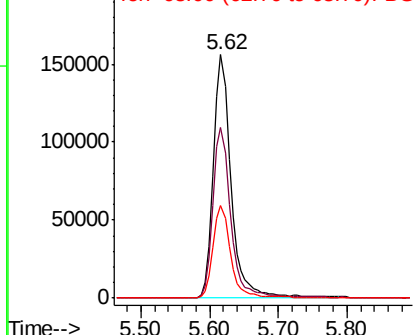
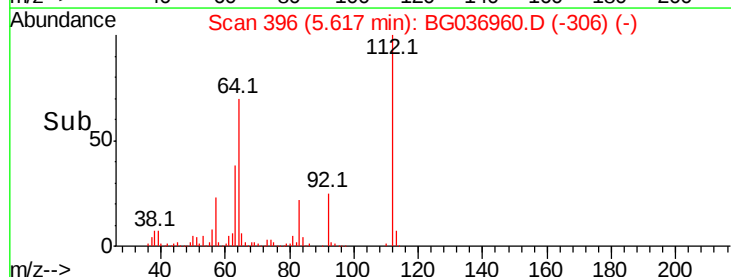
#5

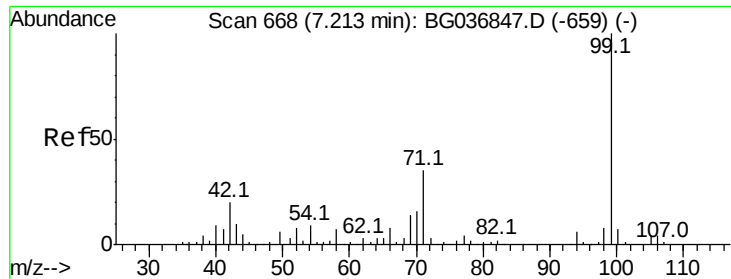
2-Fluorophenol
Concen: 120.071 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.2	85.8
63	37.8	30.8	46.2



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





#7

Phenol-d6

Concen: 93.005 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

Instrument :

BNA_F

ClientSampleId :

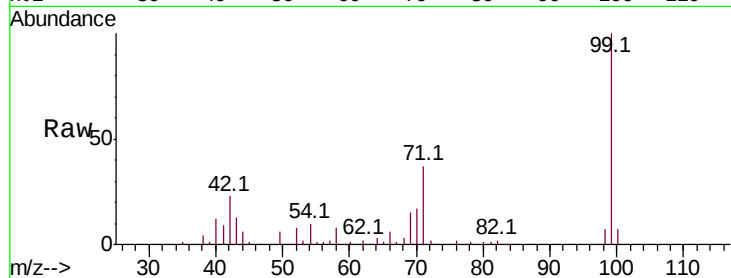
Tot Ion: 99 Resp: 336082

Ion Ratio Lower Upper

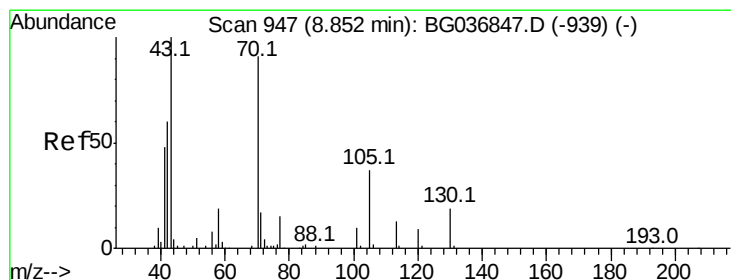
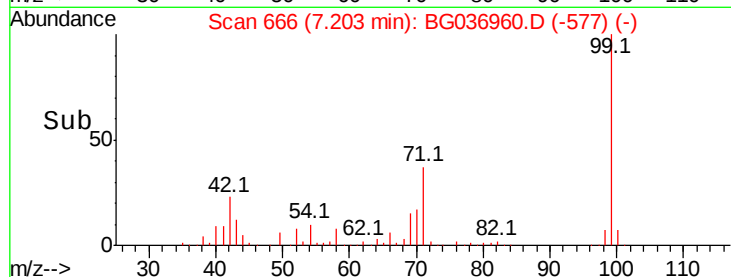
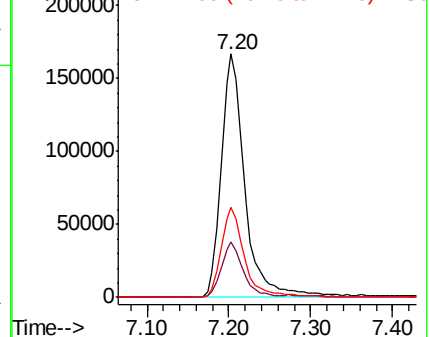
99 100

42 22.8 16.5 24.7

71 37.2 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.710 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

Tgt Ion: 70 Resp: 38209

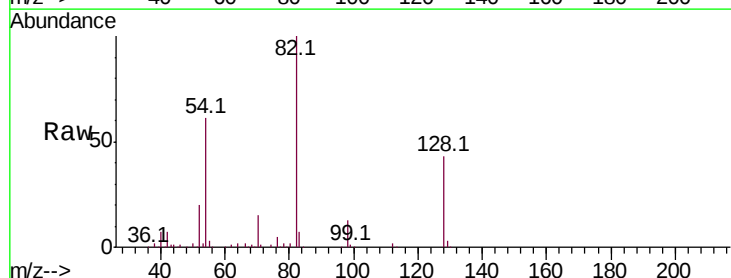
Ion Ratio Lower Upper

70 100

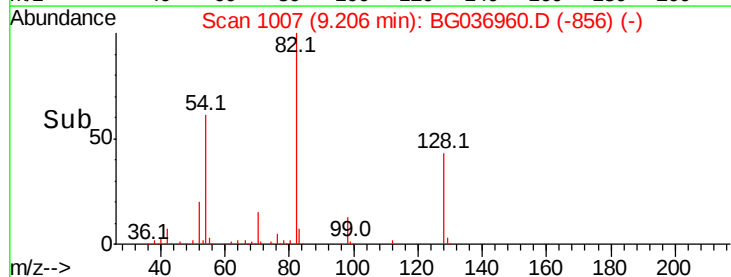
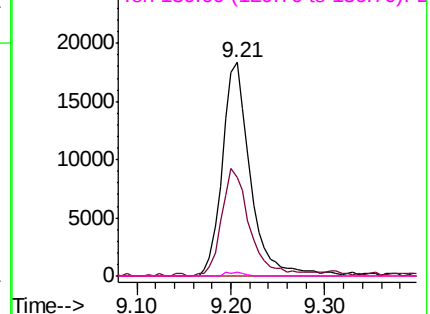
42 46.2 56.2 84.4#

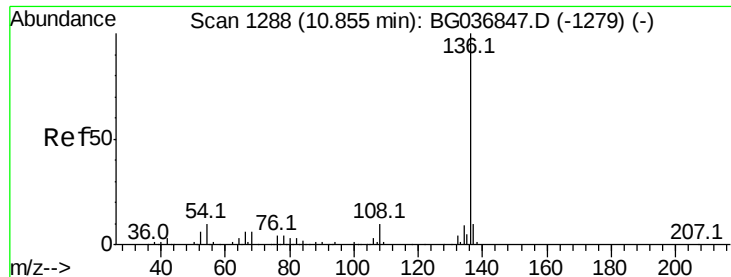
101 0.0 7.8 11.6#

130 1.9 16.2 24.2#



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

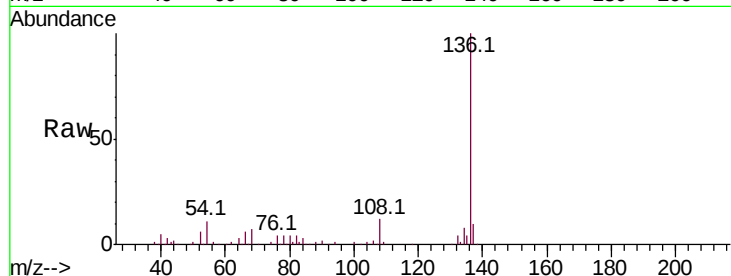




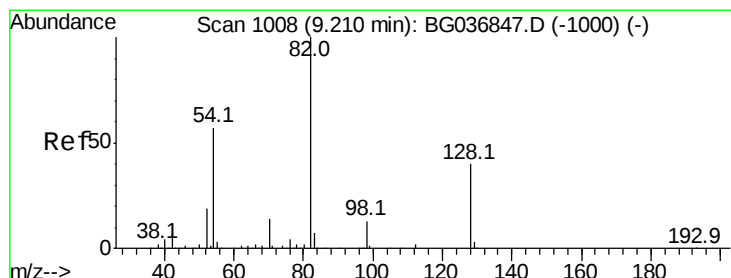
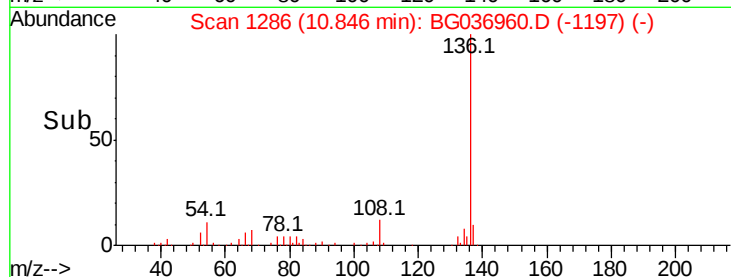
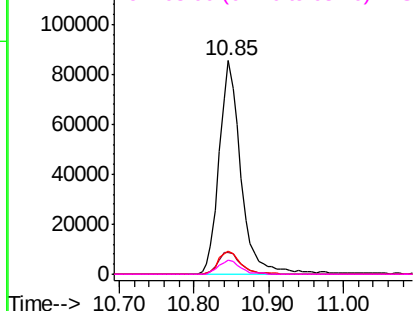
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	174325
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	11.0	9.2	13.8
68	6.7	5.8	8.6

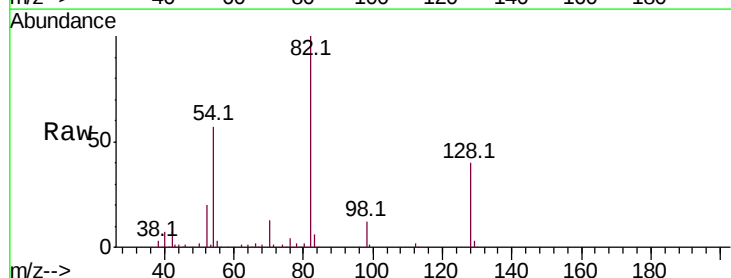


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

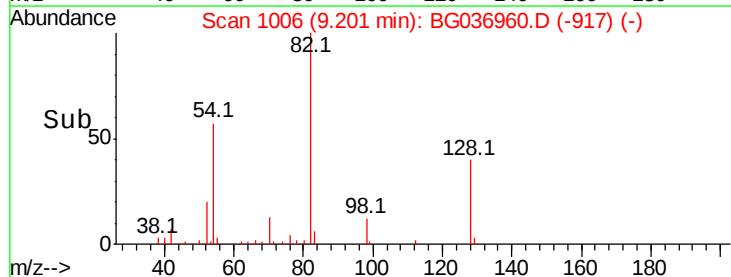
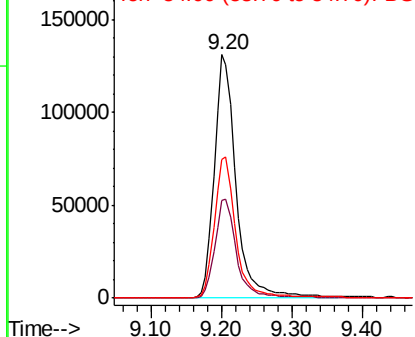


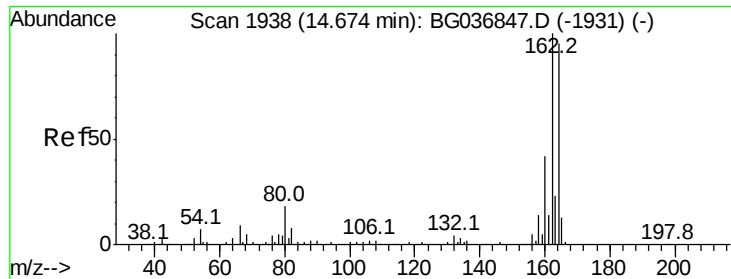
#23
Nitrobenzene-d5
Concen: 86.361 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Tgt Ion:	82	Resp:	281132
Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.3	49.9
54	57.2	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

Instrument :

BNA_F

ClientSampleId :

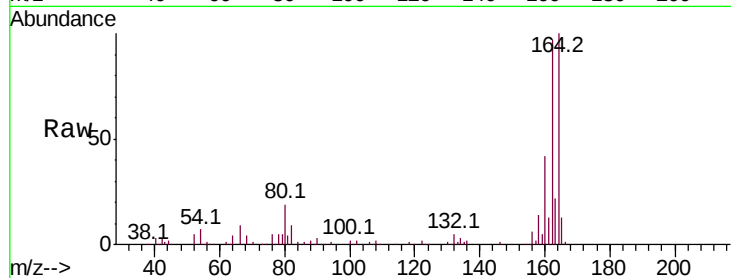
Tot Ion:164 Resp: 113319

Ion Ratio Lower Upper

164 100

162 97.2 80.7 121.1

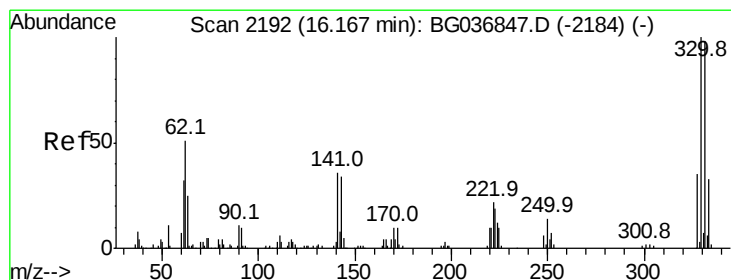
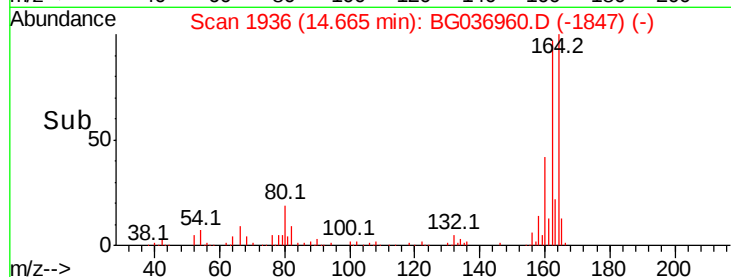
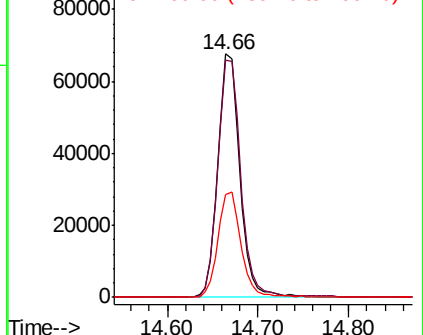
160 42.2 35.3 52.9



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: 131.182 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

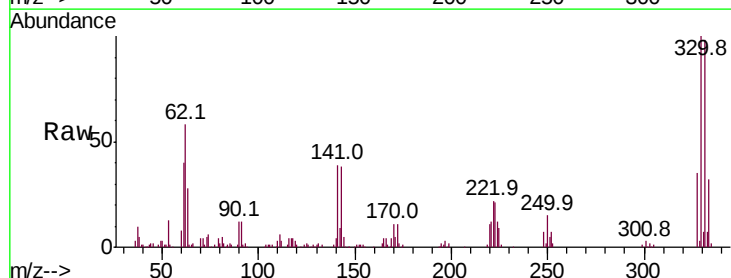
Tgt Ion:330 Resp: 177855

Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.2

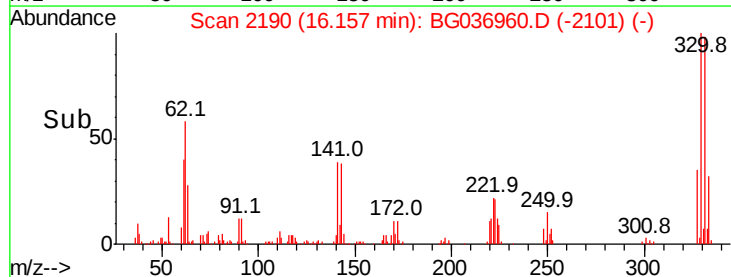
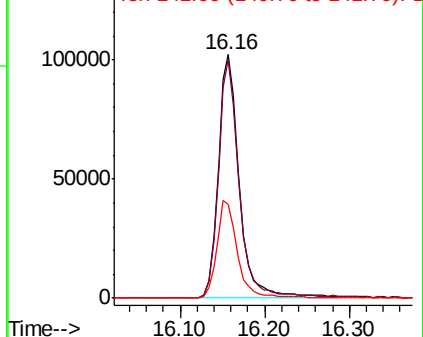
141 39.7 30.7 46.1

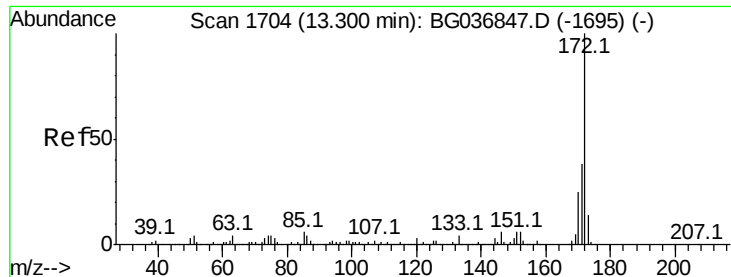


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

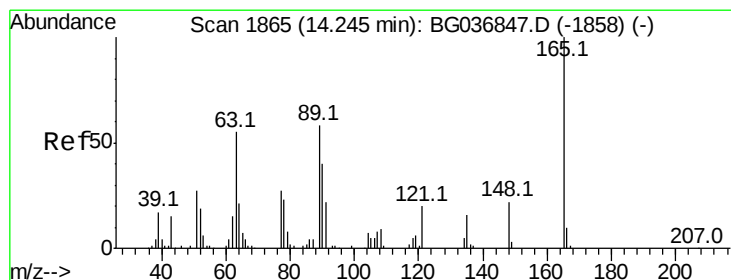
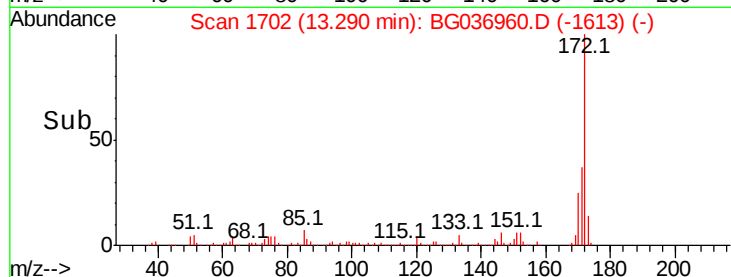
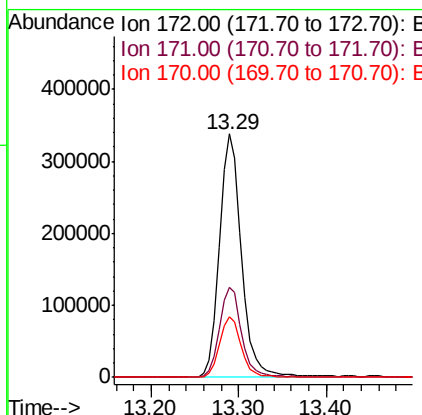
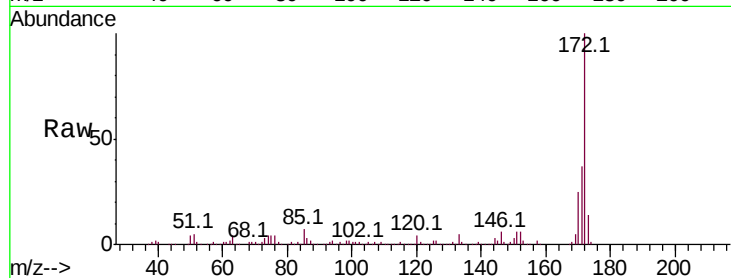




#44
 2-Fluorobiphenyl
 Concen: 77.898 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036960.D
 Acq: 25 Sep 2018 22:11

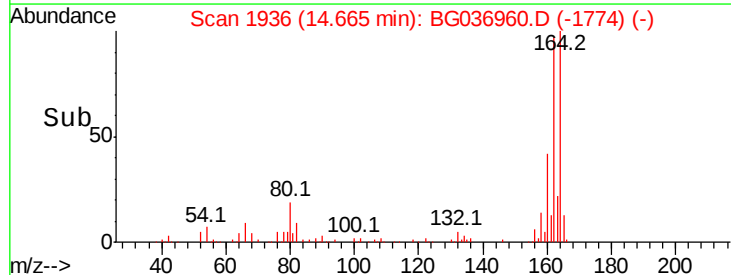
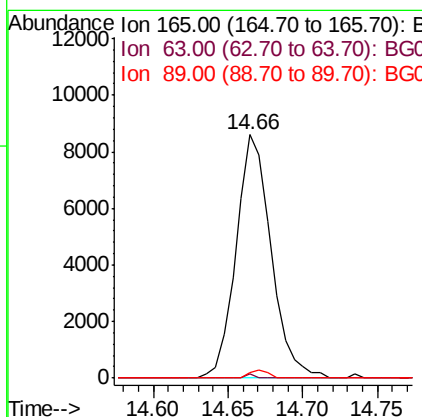
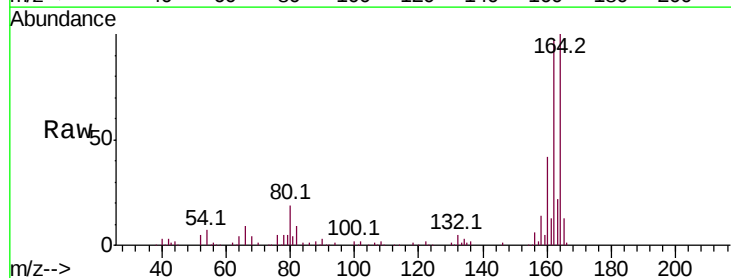
Instrument :
 BNA_F
 ClientSampled :

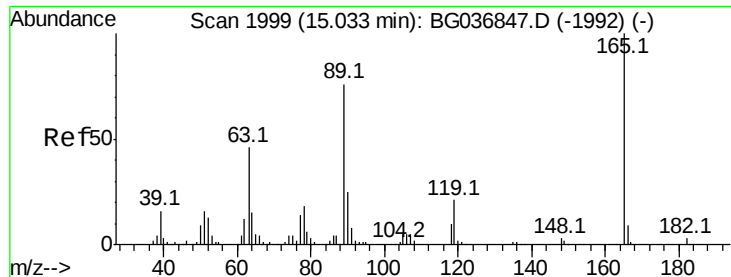
Tot Ion:172 Resp: 592683
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.3 46.9
 170 25.0 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.028 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG036960.D
 Acq: 25 Sep 2018 22:11

Tgt Ion:165 Resp: 13986
 Ion Ratio Lower Upper
 165 100
 63 2.0 50.1 75.1#
 89 2.1 47.8 71.6#

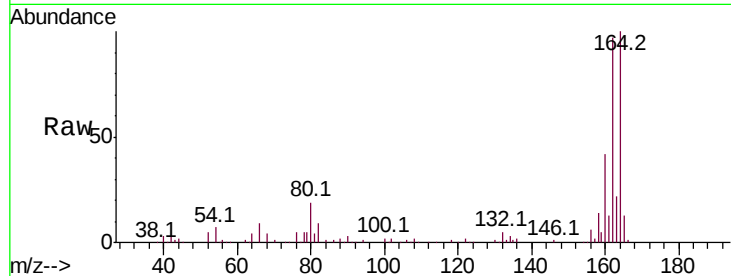




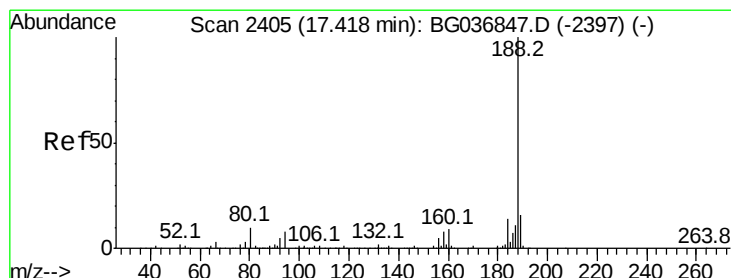
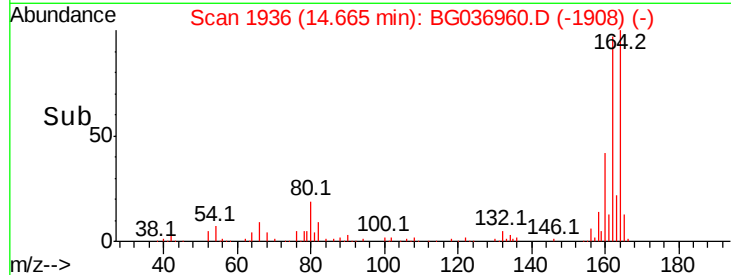
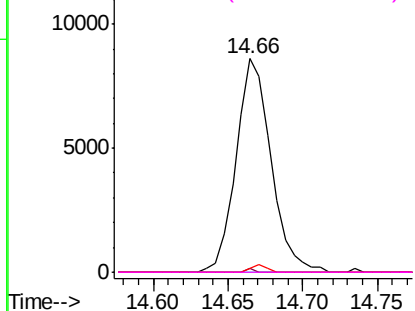
#56
2,4-Dinitrotoluene
Concen: 5.036 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#

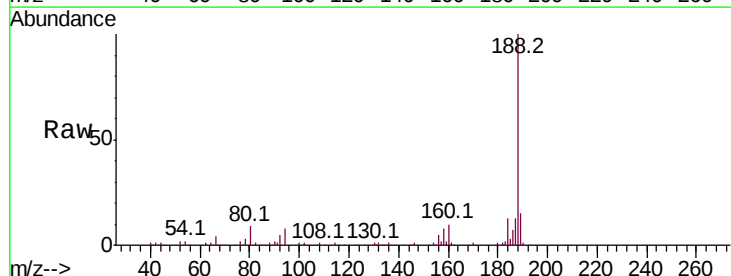


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

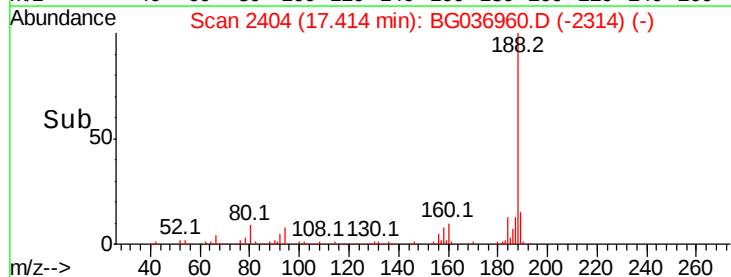
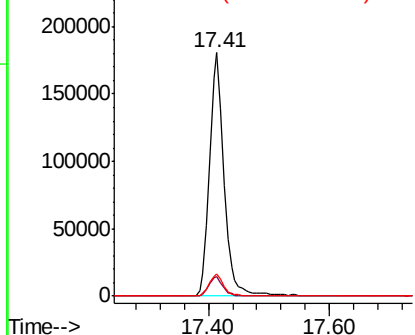


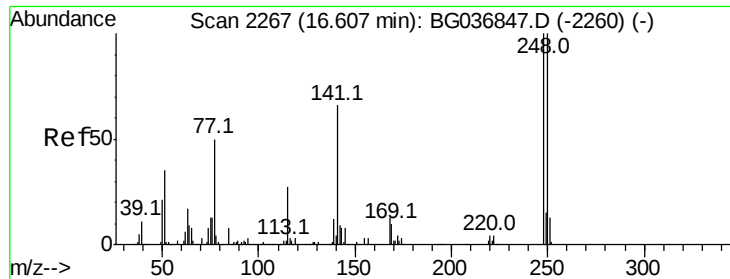
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.0	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

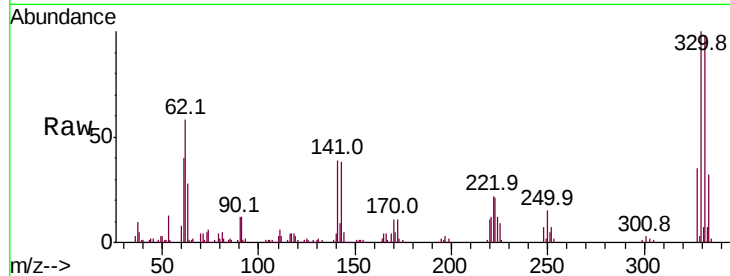




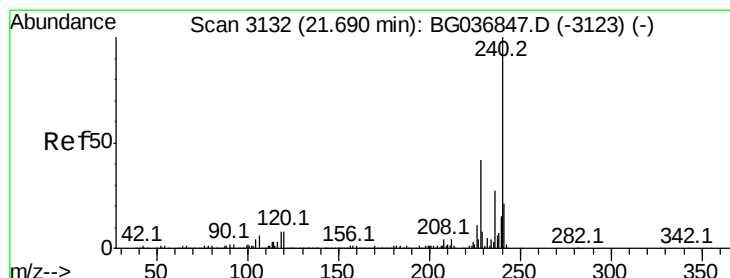
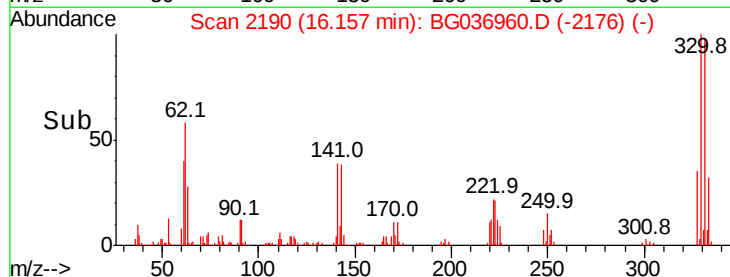
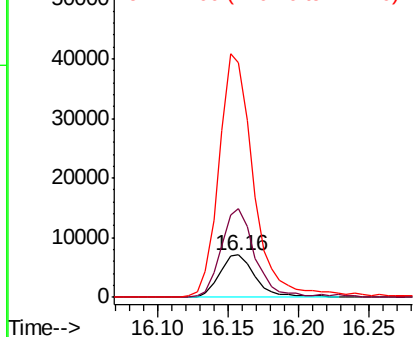
#66
 4-Bromophenyl-phenylether
 Concen: 3.572 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036960.D
 Acq: 25 Sep 2018 22:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12389
 Ion Ratio Lower Upper
 248 100
 250 212.4 78.1 117.1#
 141 559.1 53.7 80.5#

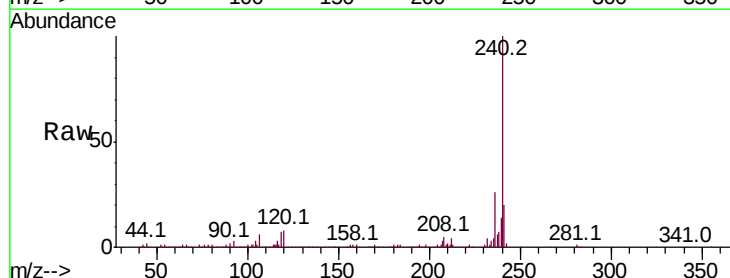


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

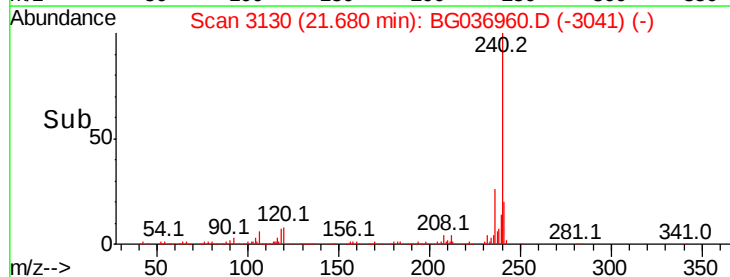
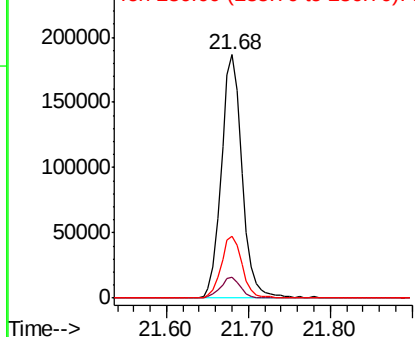


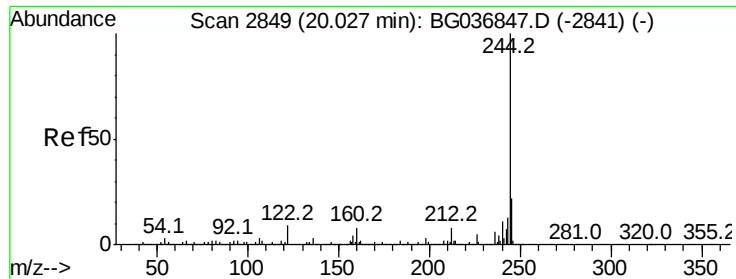
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036960.D
 Acq: 25 Sep 2018 22:11

Tgt Ion:240 Resp: 329145
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.6 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





#78

Terphenyl-d14

Concen: 90.192 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

Instrument :

BNA_F

ClientSampled :

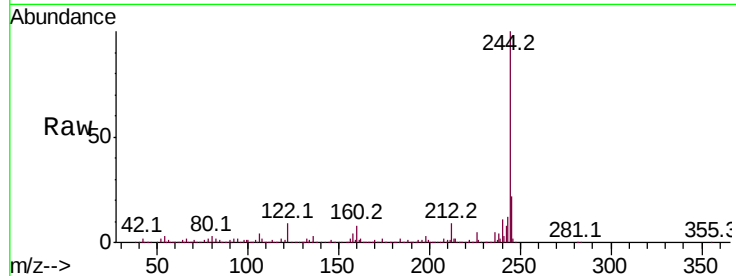
Tot Ion:244 Resp: 1128971

Ion Ratio Lower Upper

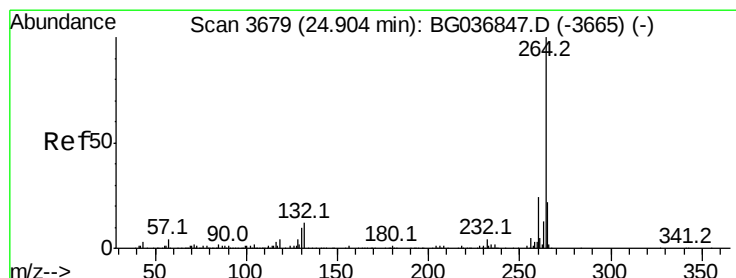
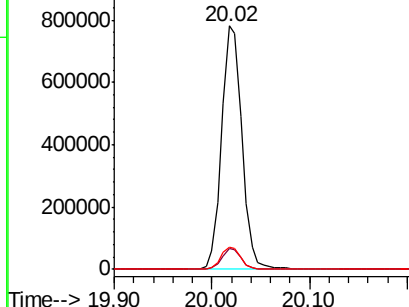
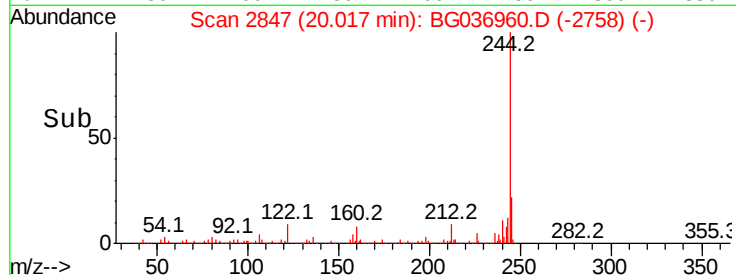
244 100

212 8.6 7.0 10.6

122 9.3 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

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

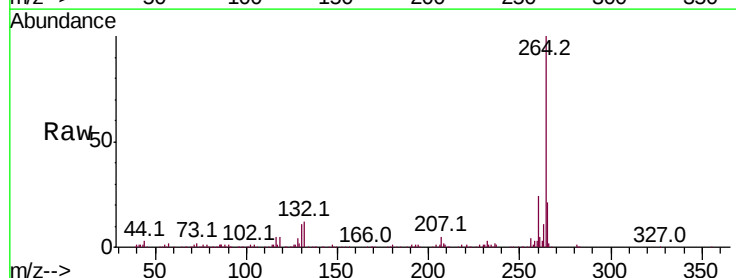
Tgt Ion:264 Resp: 324174

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.1 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

