

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036984.D
 Acq On : 26 Sep 2018 16:35
 Operator : JU/SJ
 Sample : J5068-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 18:57:11 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

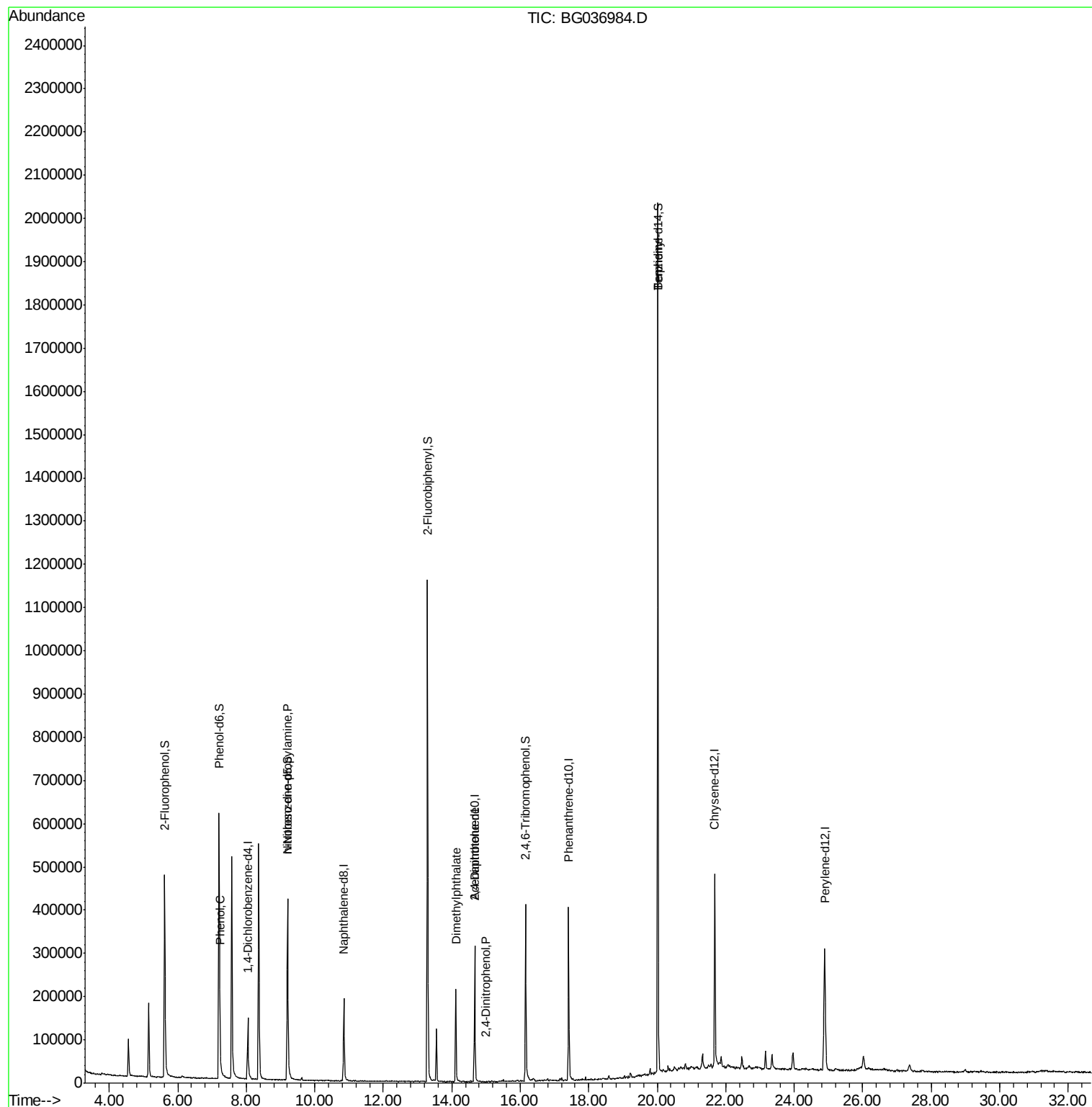
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46204	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	185648	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114950	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	272327	20.00	ng	0.00
75) Chrysene-d12	21.68	240	286824	20.00	ng	-0.01
86) Perylene-d12	24.89	264	297016	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	226664	94.08	ng	0.00
7) Phenol-d6	7.21	99	392770	105.37	ng	0.00
23) Nitrobenzene-d5	9.20	82	300997	86.82	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	83791	60.93	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	666951	86.42	ng	0.00
78) Terphenyl-d14	20.02	244	1003634	92.01	ng	0.00
Target Compounds						
10) Phenol	7.23	94	14377	3.737	ng	# 66
19) n-Nitroso-di-n-propylamine	9.20	70	41524	13.391	ng	# 76
49) Dimethylphthalate	14.12	163	156235	16.885	ng	98
53) 2,4-Dinitrophenol	15.00	184	56	7.704	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	14296	5.075	ng	# 18
76) Benzidine	20.02	184	17497	2.018	ng	95

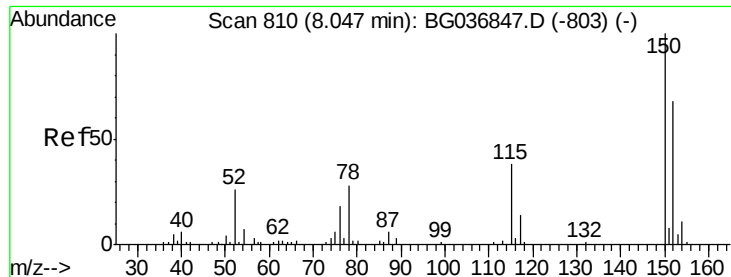
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036984.D
Acq On : 26 Sep 2018 16:35
Operator : JU/SJ
Sample : J5068-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 18:57:11 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



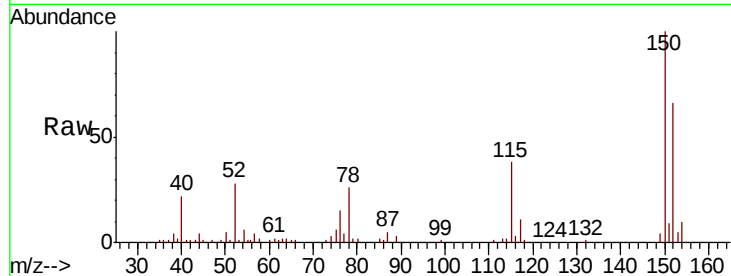


#1

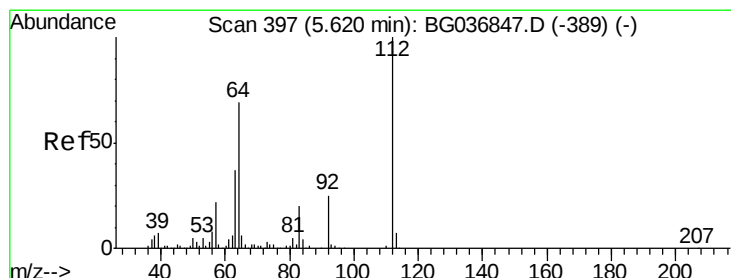
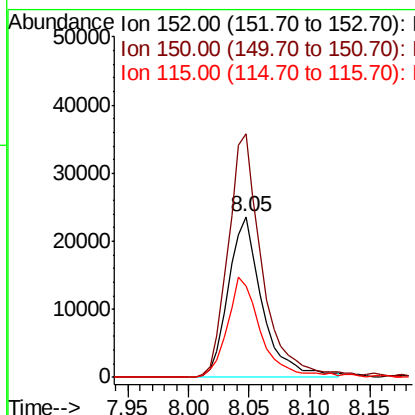
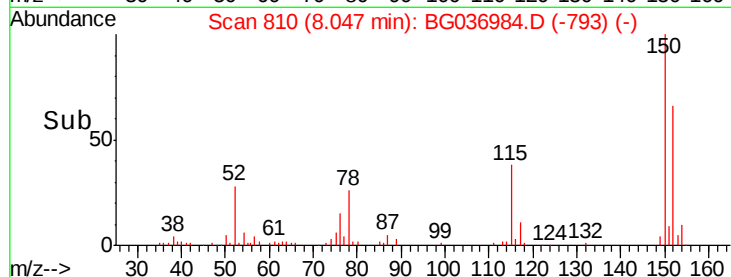
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 46204
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 56.9 44.5 66.7



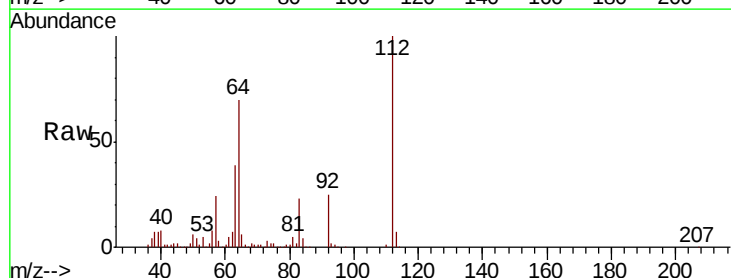
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



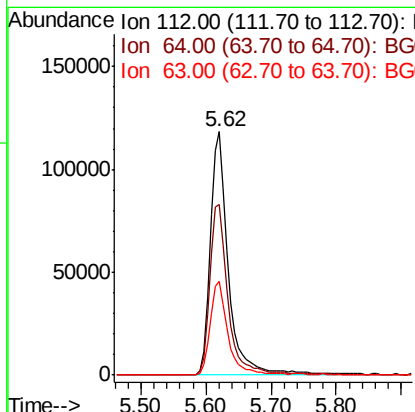
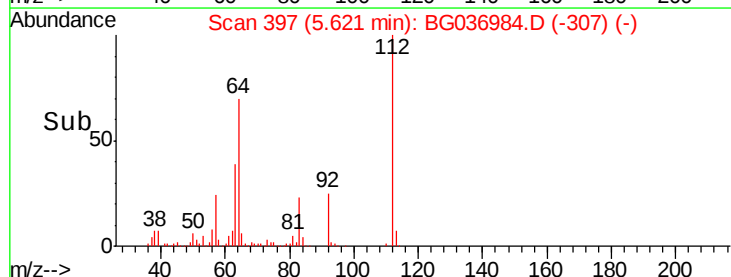
#5

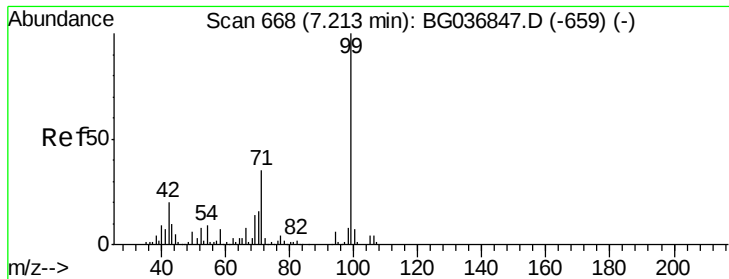
2-Fluorophenol
Concen: 94.081 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Tgt Ion:112 Resp: 226664
Ion Ratio Lower Upper
112 100
64 70.3 57.2 85.8
63 38.5 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: 105.371 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

Instrument :

BNA_F

ClientSampled :

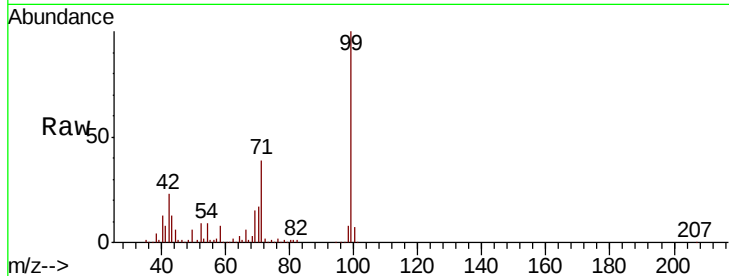
Tot Ion: 99 Resp: 392770

Ion Ratio Lower Upper

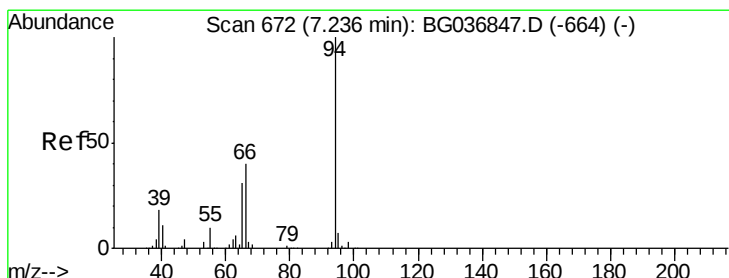
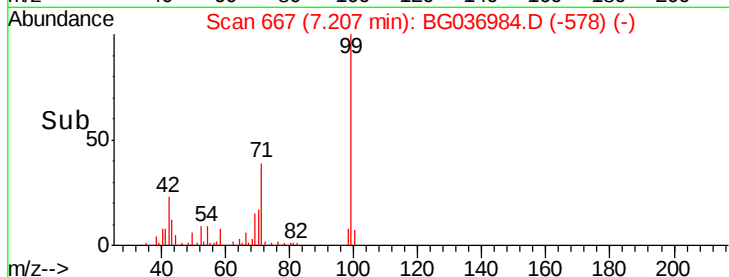
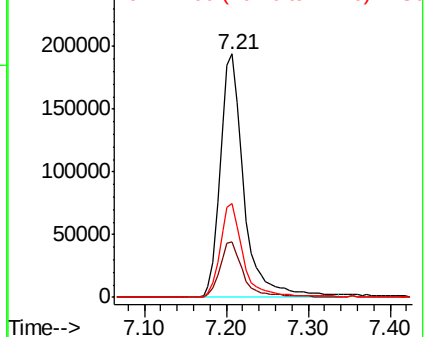
99 100

42 22.7 16.5 24.7

71 38.6 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



#10

Phenol

Concen: 3.737 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

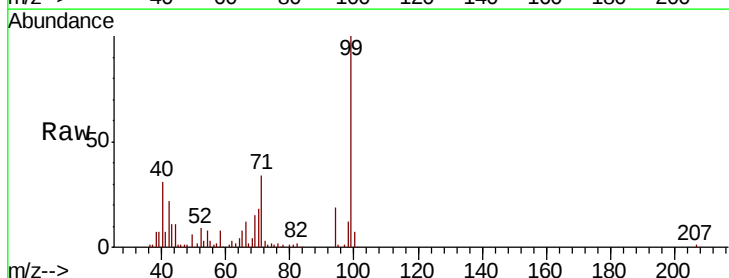
Tgt Ion: 94 Resp: 14377

Ion Ratio Lower Upper

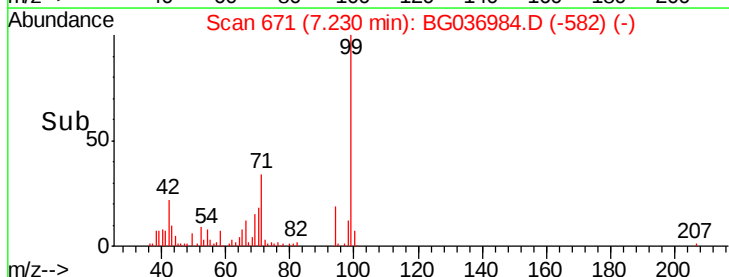
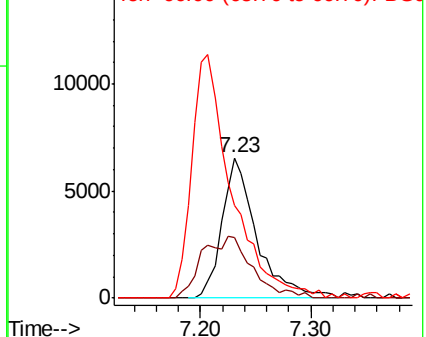
94 100

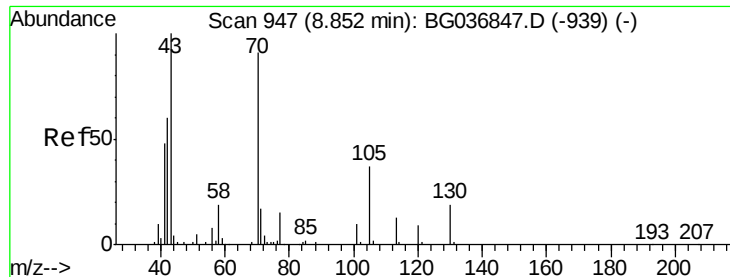
65 43.2 11.5 51.5

66 66.4 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

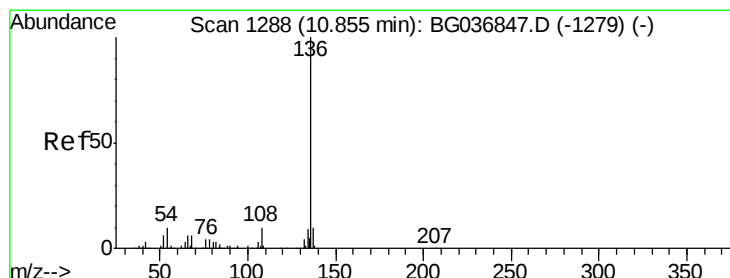
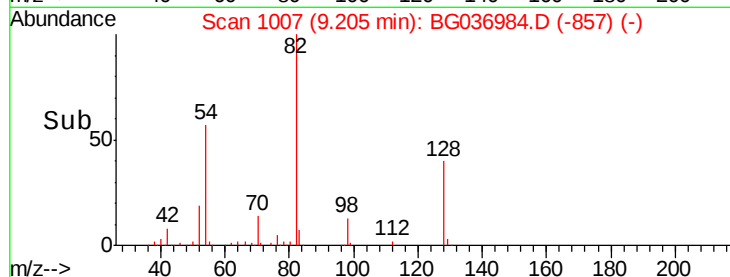
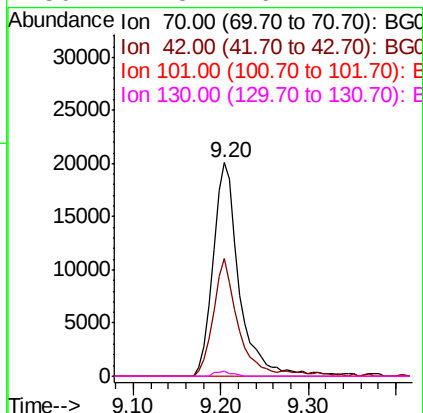
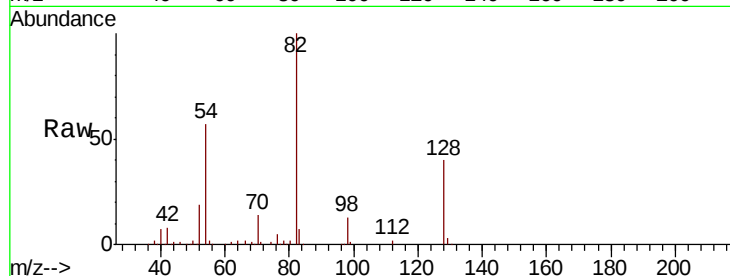




#19
n-Nitroso-di-n-propylamine
Concen: 13.391 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

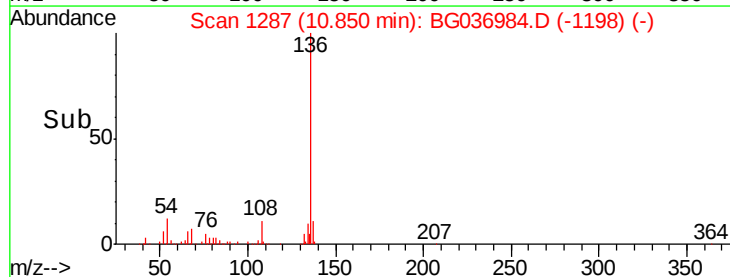
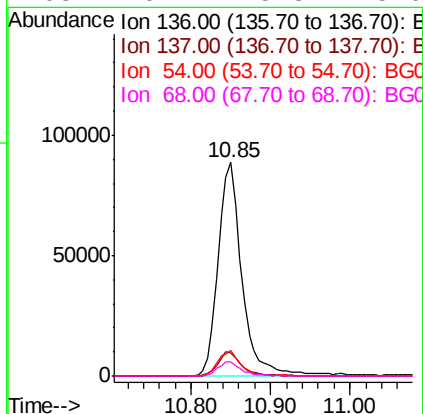
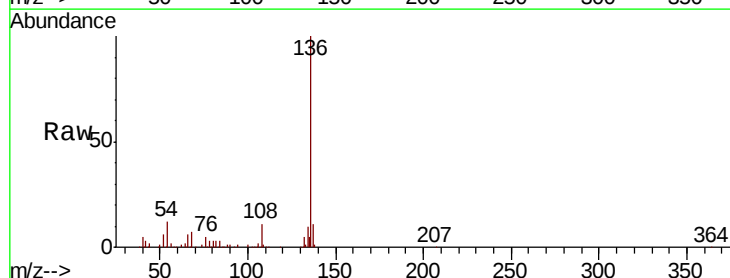
Instrument :
BNA_F
ClientSampleId :

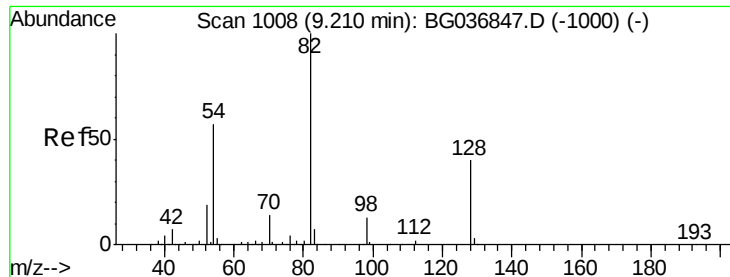
Tot Ion: 70 Resp: 41524
Ion Ratio Lower Upper
70 100
42 54.9 56.2 84.4#
101 0.0 7.8 11.6#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Tgt Ion: 136 Resp: 185648
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 11.8 9.2 13.8
68 6.7 5.8 8.6

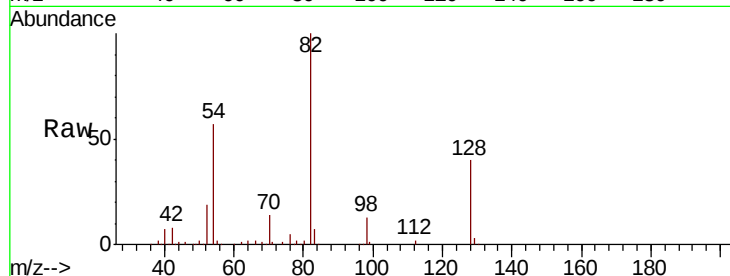




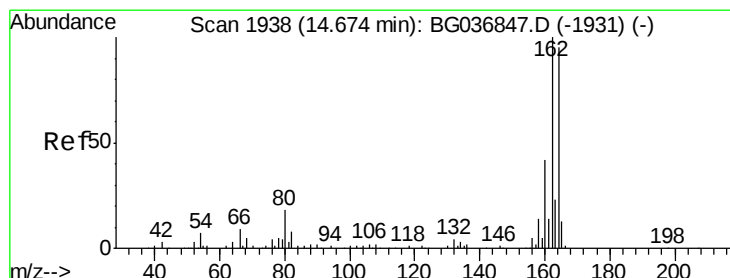
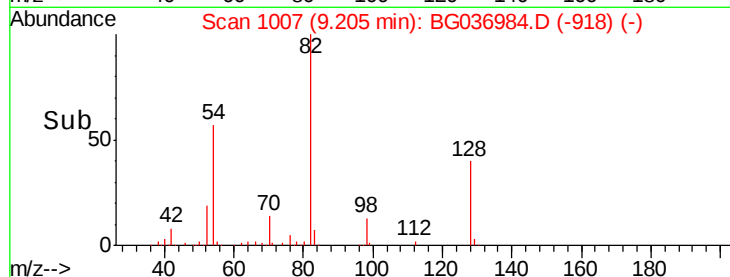
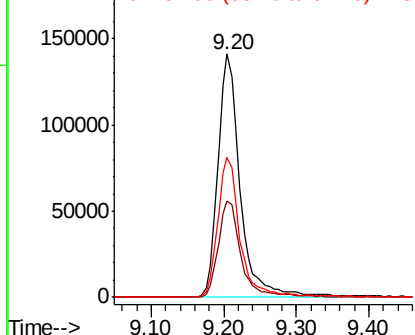
#23
Nitrobenzene-d5
Concen: 86.824 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	57.5	45.1	67.7

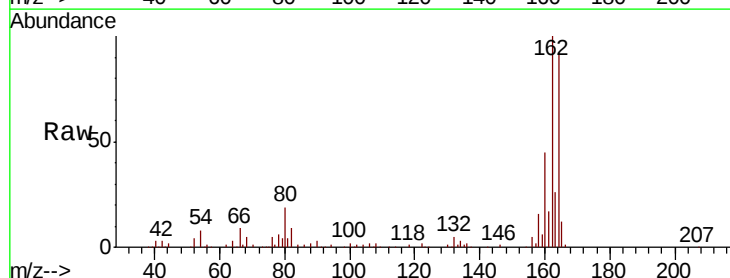


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

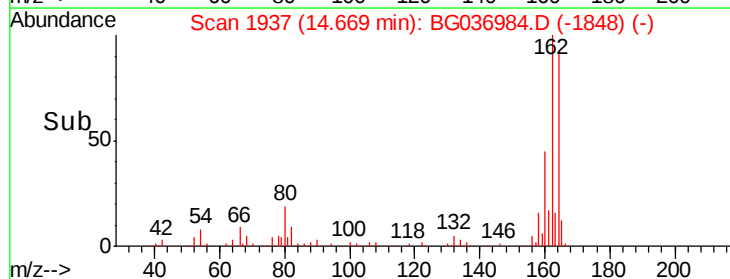
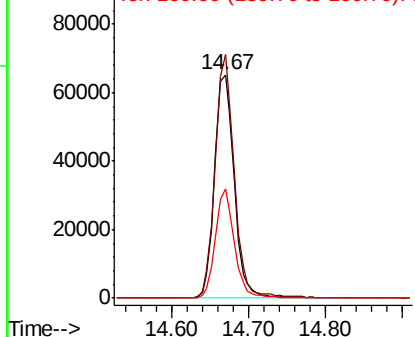


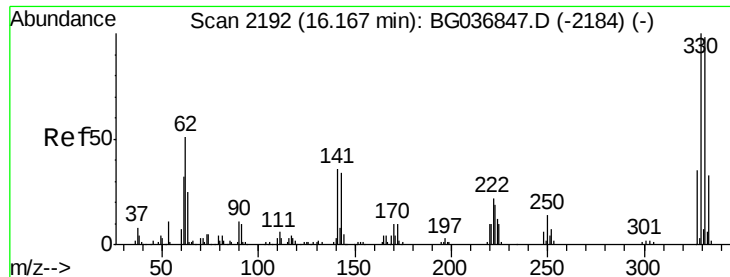
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.9	80.7	121.1
160	48.8	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

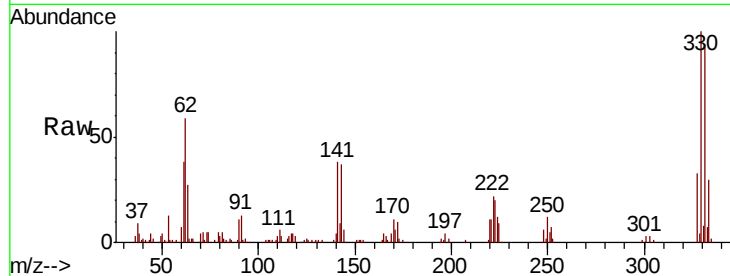




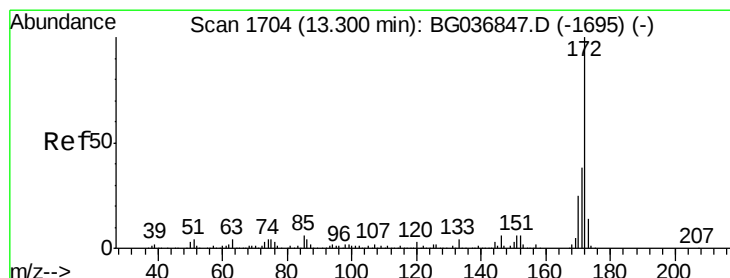
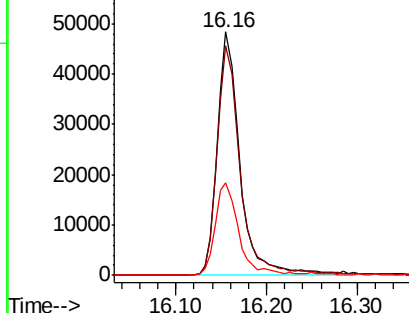
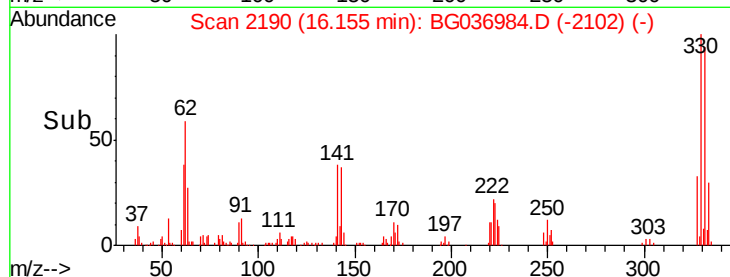
#41
 2,4,6-Tribromophenol
 Concen: 60.925 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036984.D
 Acq: 26 Sep 2018 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	39.3	30.7	46.1

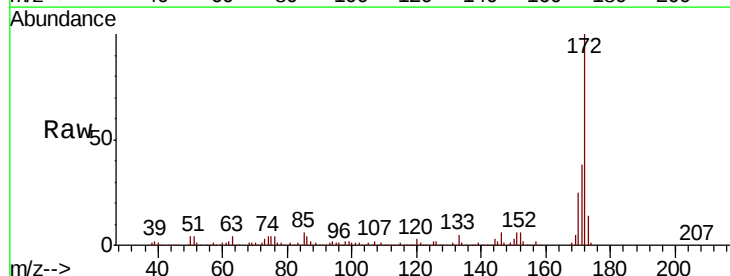


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

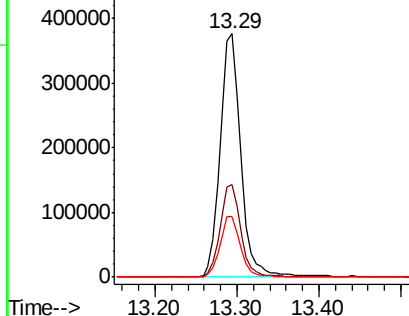
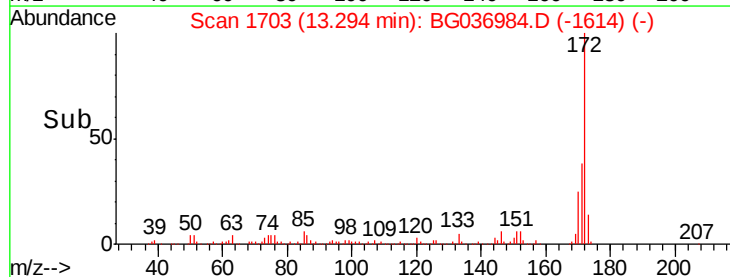


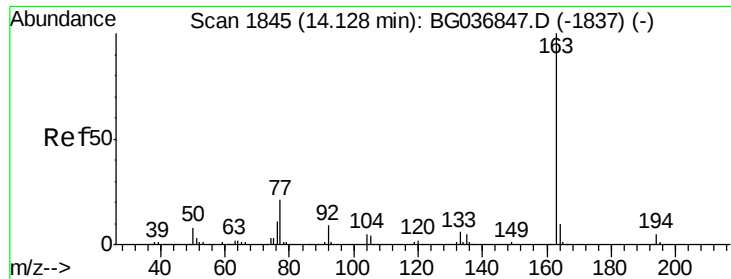
#44
 2-Fluorobiphenyl
 Concen: 86.416 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036984.D
 Acq: 26 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.7	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 16.885 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

Instrument :

BNA_F

ClientSampleId :

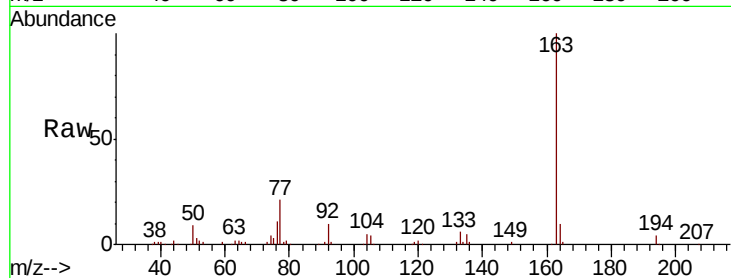
Tot Ion:163 Resp: 156235

Ion Ratio Lower Upper

163 100

194 4.1 4.0 6.0

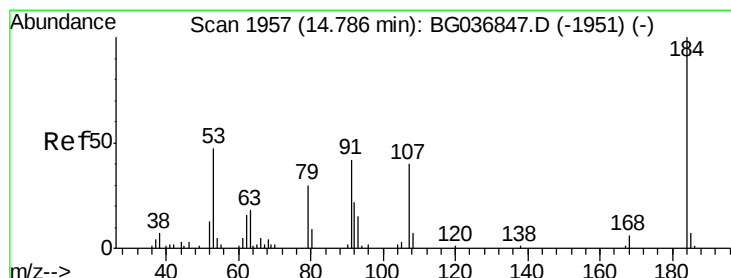
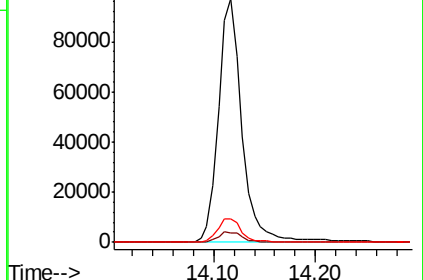
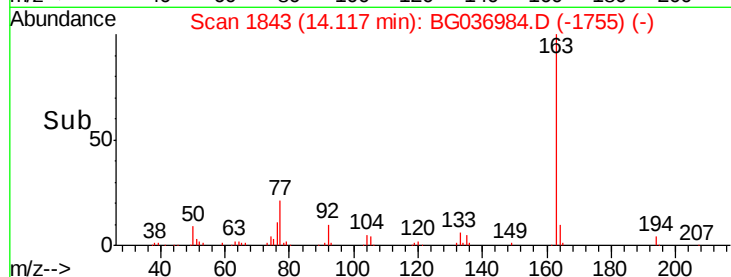
164 9.6 8.1 12.1



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



#53

2,4-Dinitrophenol

Concen: 7.704 ng

RT: 15.00 min Scan# 1993

Delta R.T. 0.21 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

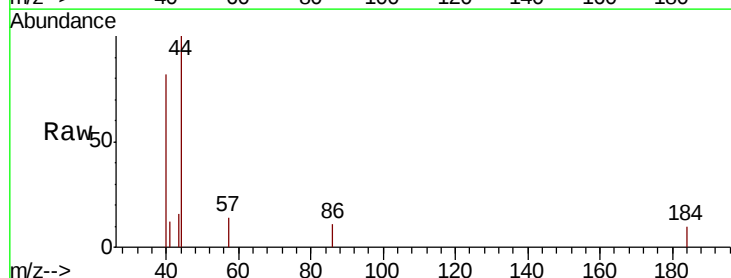
Tgt Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 0.0 47.3 70.9#

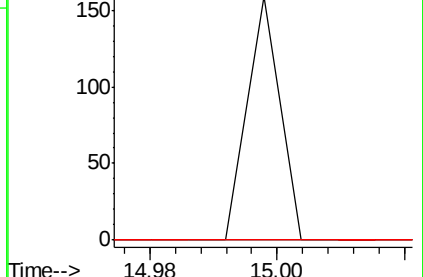
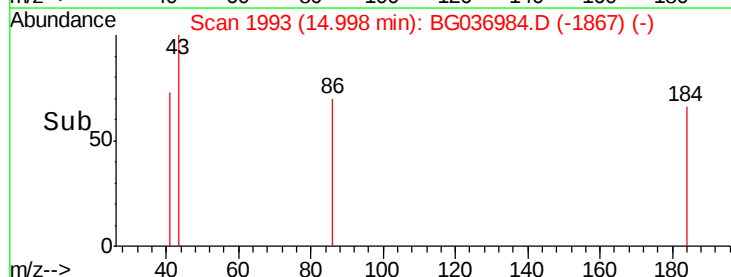
154 0.0 51.1 76.7#

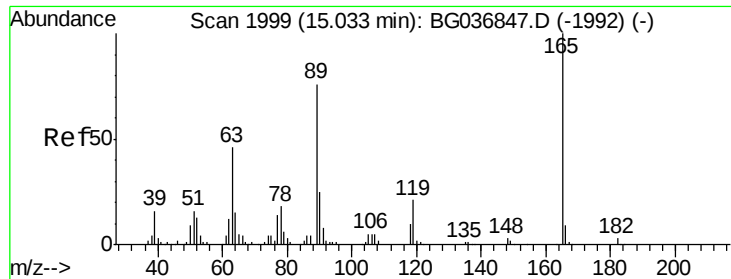


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

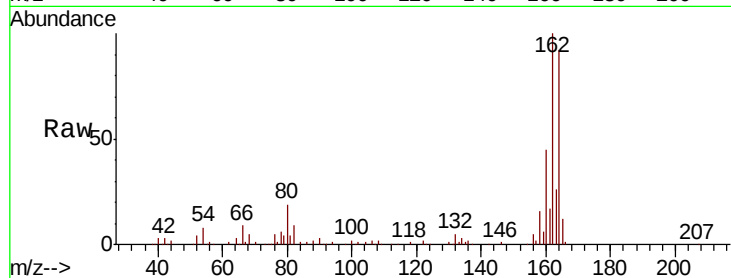




#56
 2,4-Dinitrotoluene
 Concen: 5.075 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036984.D
 Acq: 26 Sep 2018 16:35

Instrument :
 BNA_F
 ClientSampled :

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

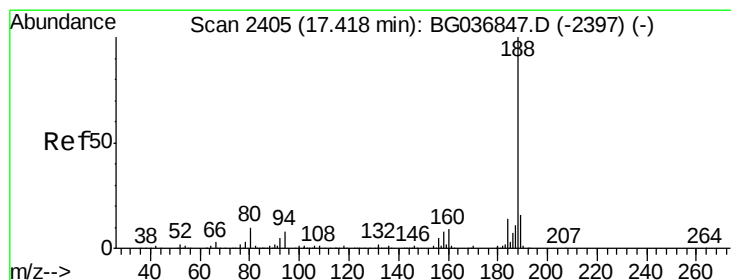
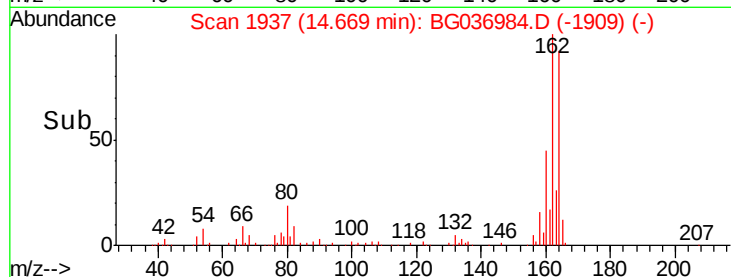
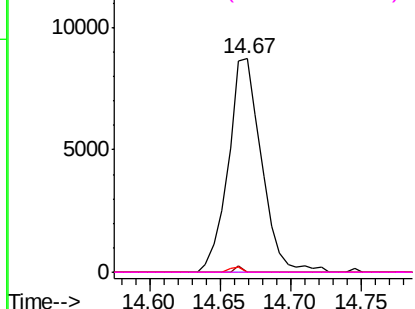


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

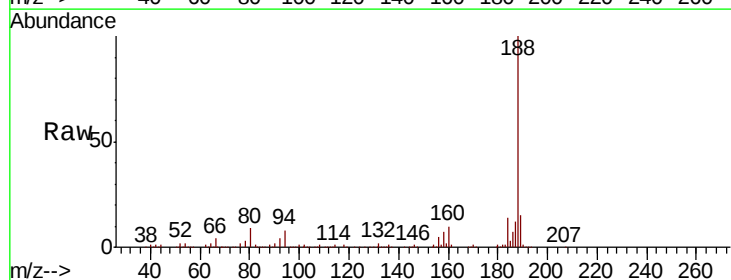
Ion 89.00 (88.70 to 89.70): BGC

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. -0.01 min
 Lab File: BG036984.D
 Acq: 26 Sep 2018 16:35

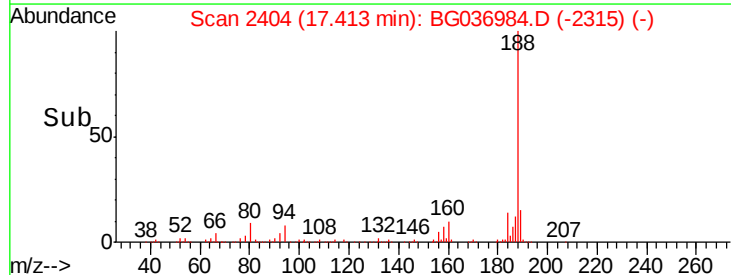
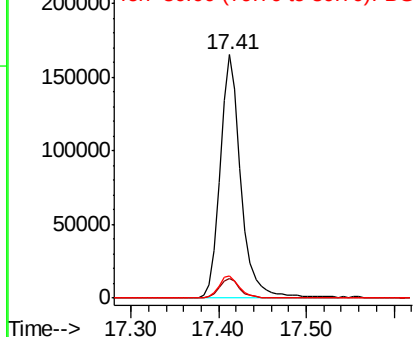
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.3	8.1	12.1

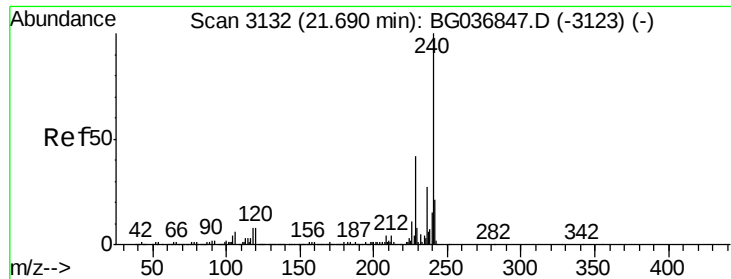


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

Instrument :

BNA_F

ClientSampleId :

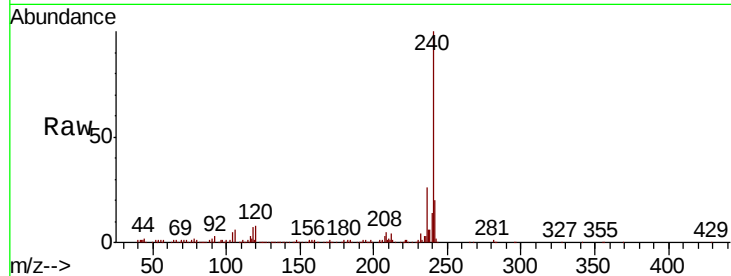
Tot Ion:240 Resp: 286824

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

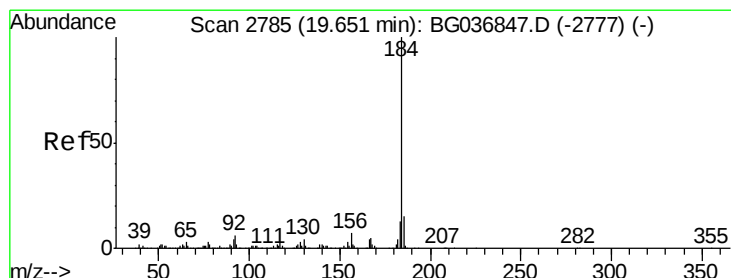
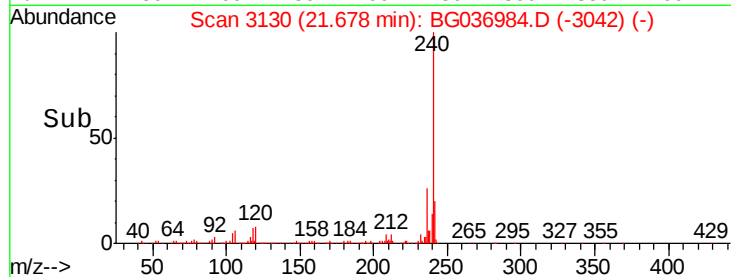
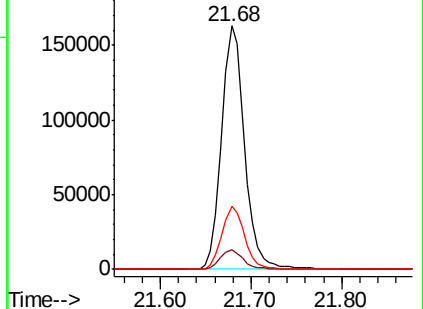
236 25.7 21.2 31.8



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: 2.018 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

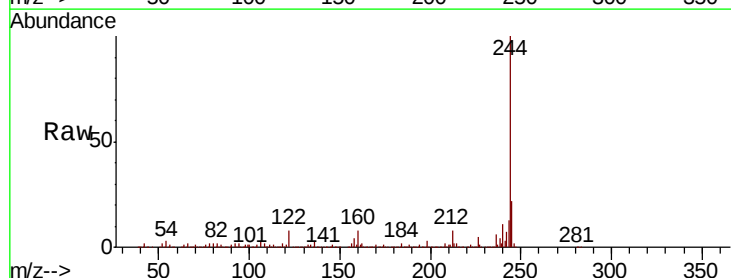
Tgt Ion:184 Resp: 17497

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

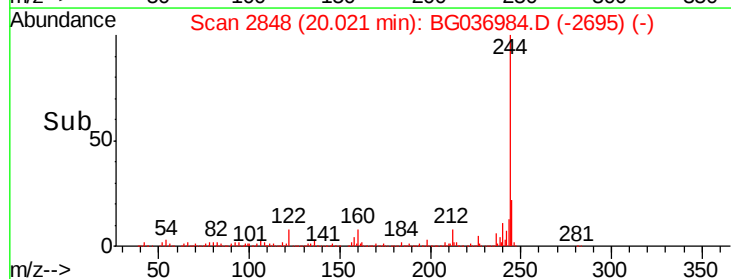
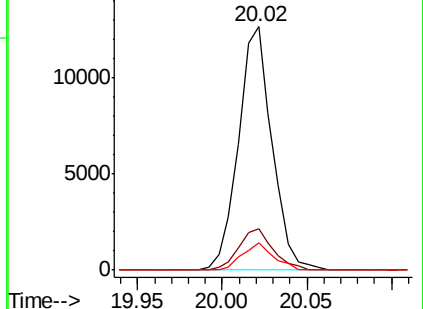
183 11.3 10.9 16.3

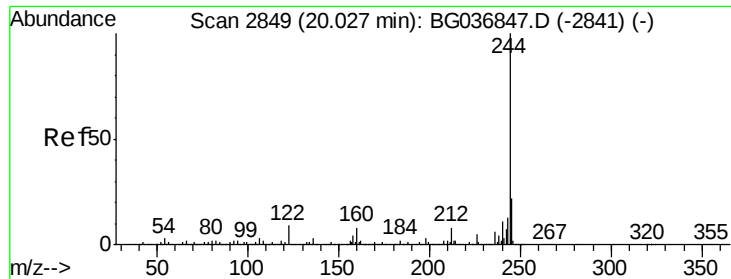


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



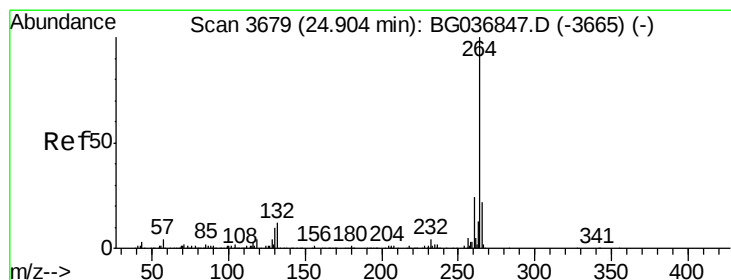
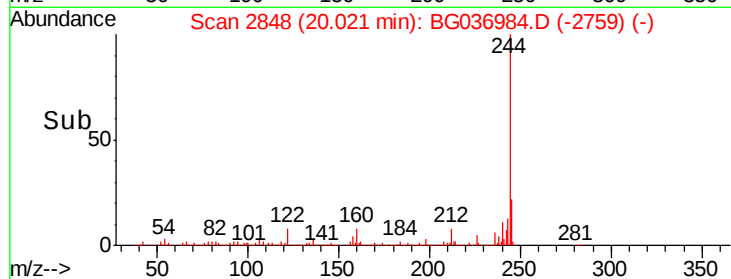
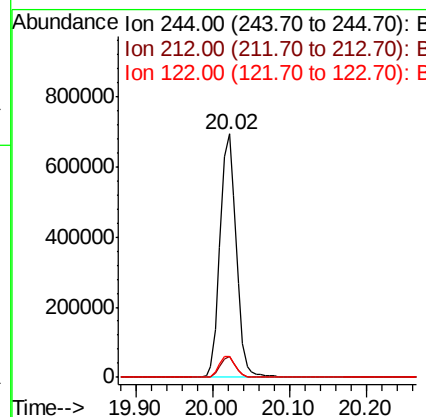
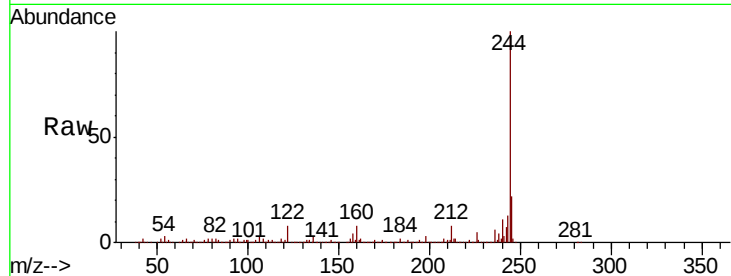


#78
 Terphenyl-d14
 Concen: 92.009 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036984.D
 Acq: 26 Sep 2018 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1003634

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	8.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036984.D
 Acq: 26 Sep 2018 16:35

Tgt Ion:264 Resp: 297016

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.0	17.4	26.0

