

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121018\
 Data File : BG038447.D
 Acq On : 10 Dec 2018 20:18
 Operator : JU/SJ
 Sample : J6196-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-B

Quant Time: Dec 11 03:51:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

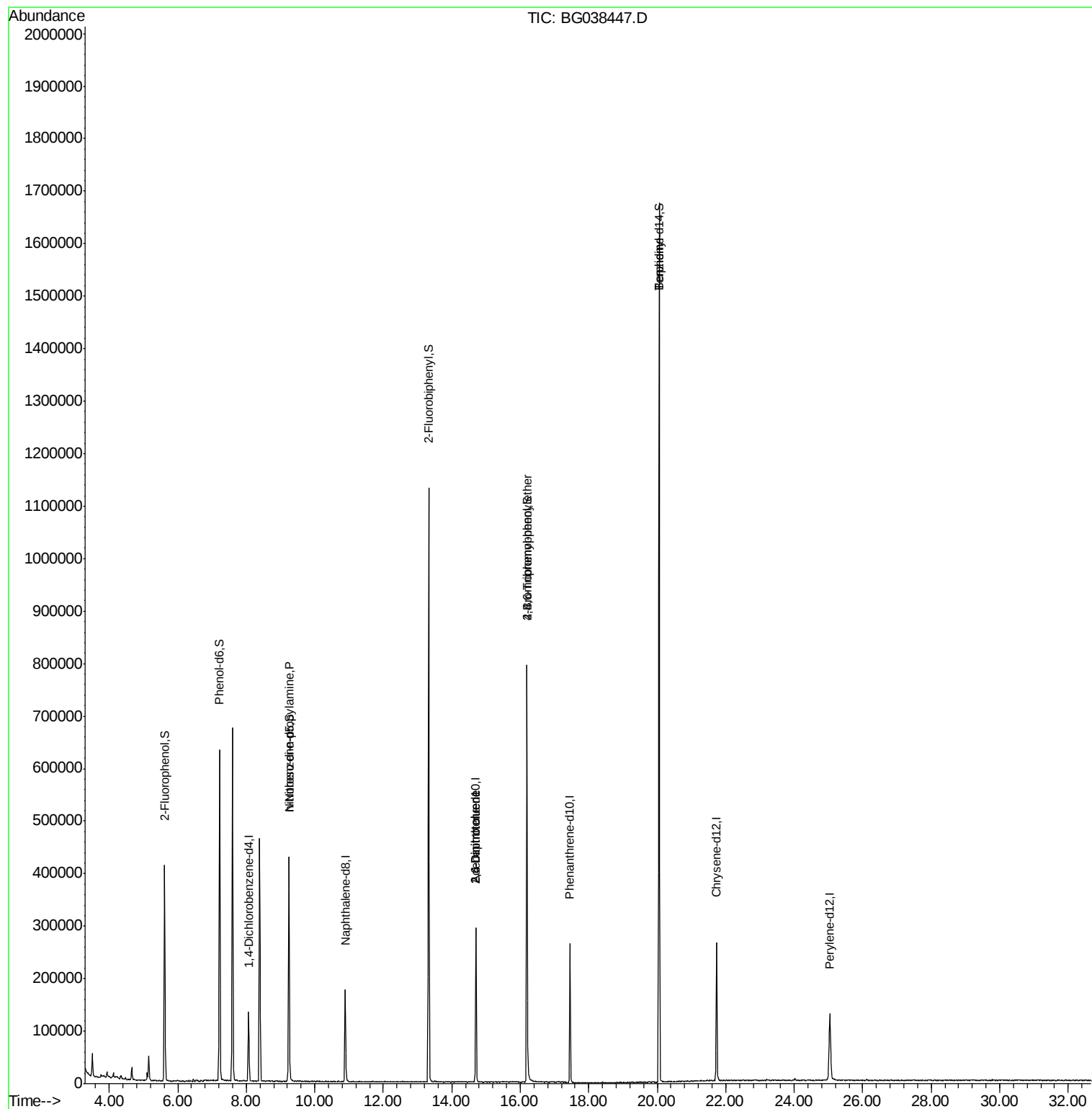
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	39266	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	168783	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	106379	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	173775	20.00	ng	0.00
76) Chrysene-d12	21.73	240	173410	20.00	ng	-0.01
87) Perylene-d12	25.04	264	171483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	177139	79.83	ng	0.00
7) Phenol-d6	7.22	99	395623	123.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	278109	81.81	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	154751	118.50	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	635032	85.06	ng	0.00
79) Terphenyl-d14	20.06	244	824875	101.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	34806	13.452	ng	# 74
51) 2,6-Dinitrotoluene	14.70	165	13359	6.854	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	13359	4.969	ng	# 24
67) 4-Bromophenyl-phenylether	16.19	248	10857	5.785	ng	# 1
77) Benzidine	20.05	184	14380	2.457	ng	# 93

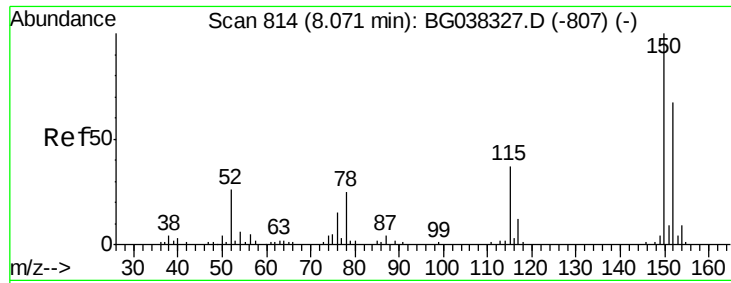
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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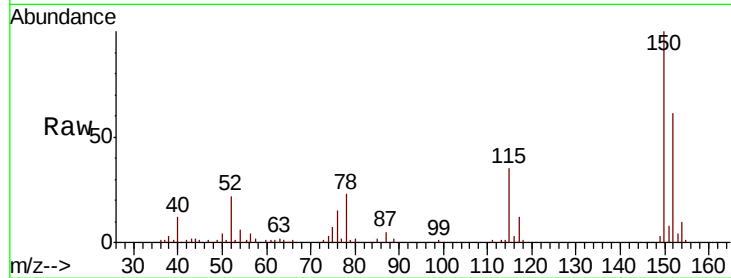


#1

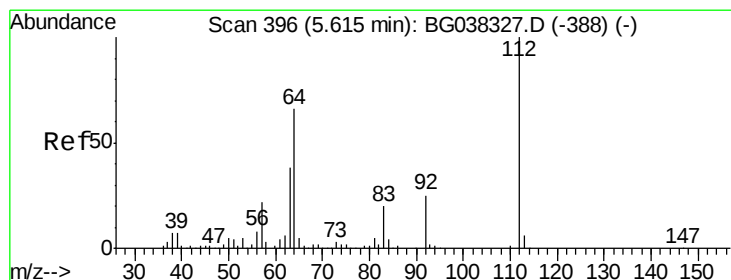
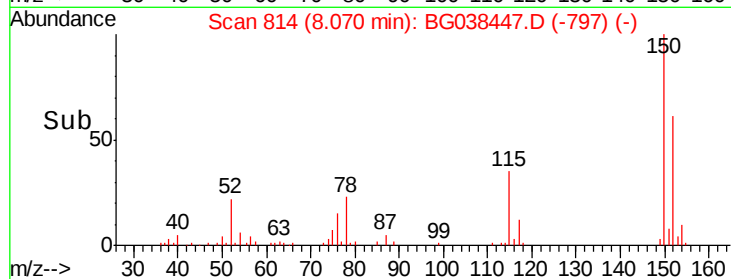
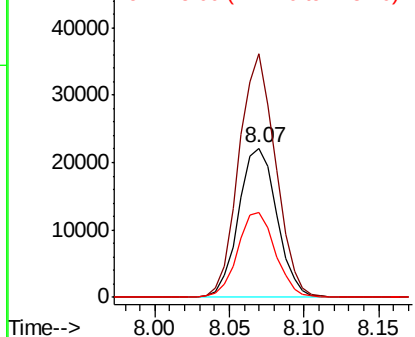
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038447.D
Acq: 10 Dec 2018 20:18

Instrument :
BNA_G
ClientSampleId :
EO-03-120718-B

Tgt Ion:152 Resp: 39266
Ion Ratio Lower Upper
152 100
150 163.0 126.0 189.0
115 57.2 45.5 68.3



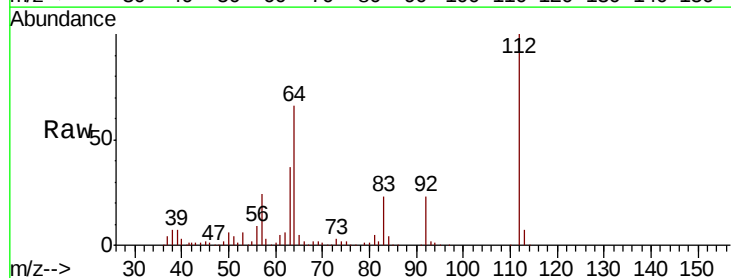
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



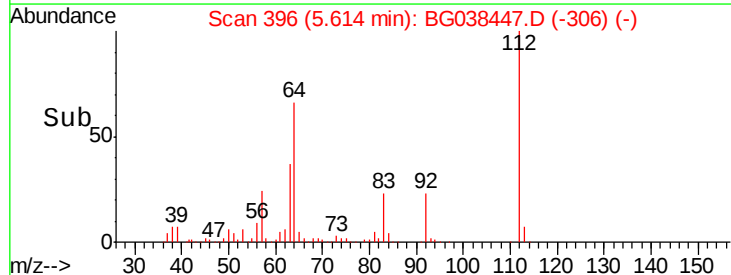
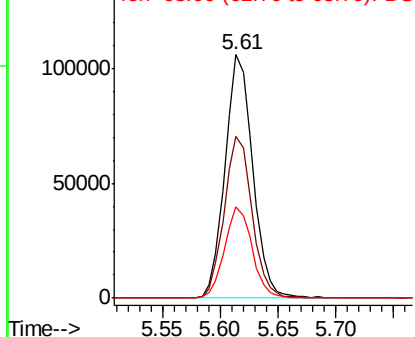
#5

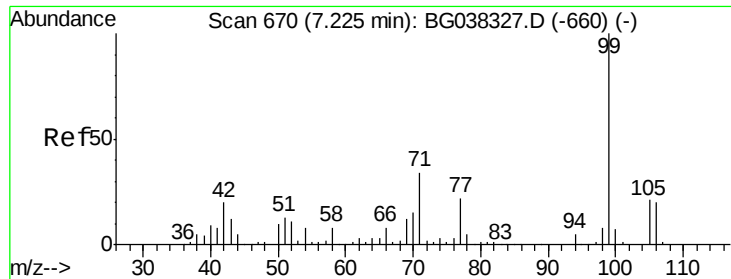
2-Fluorophenol
Concen: 79.833 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038447.D
Acq: 10 Dec 2018 20:18

Tgt Ion:112 Resp: 177139
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 37.3 27.3 40.9



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: 123.362 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-B

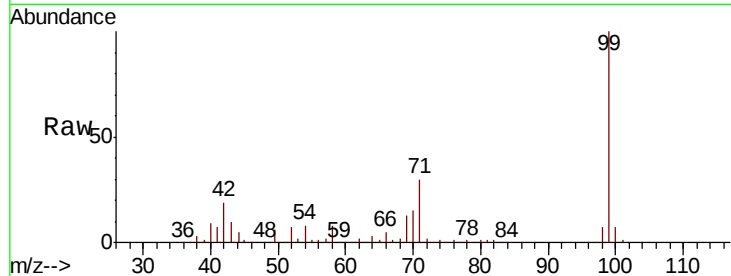
Tgt Ion: 99 Resp: 395623

Ion Ratio Lower Upper

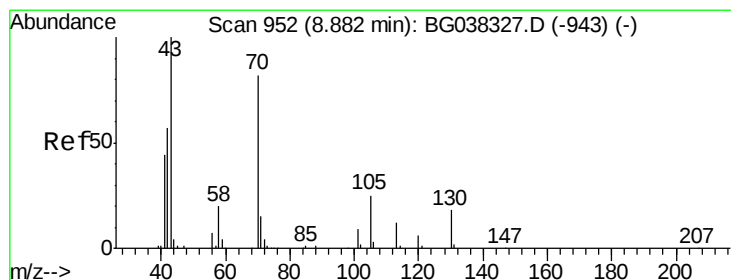
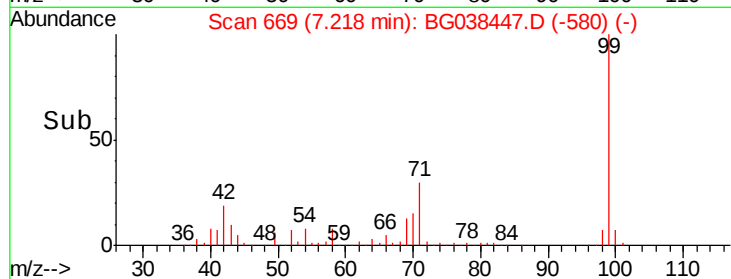
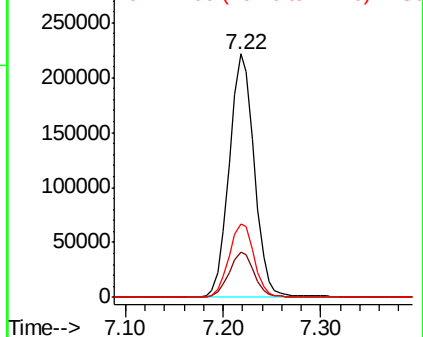
99 100

42 18.7 15.0 22.4

71 30.3 25.5 38.3



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: 13.452 ng

RT: 9.24 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Tgt Ion: 70 Resp: 34806

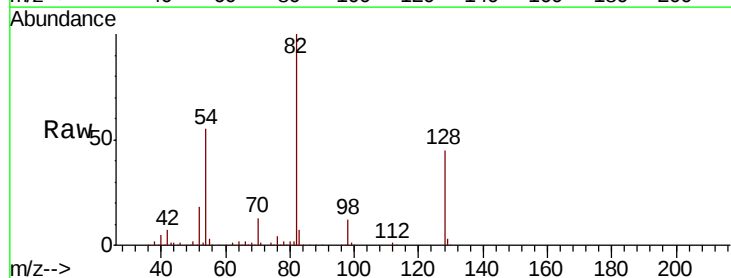
Ion Ratio Lower Upper

70 100

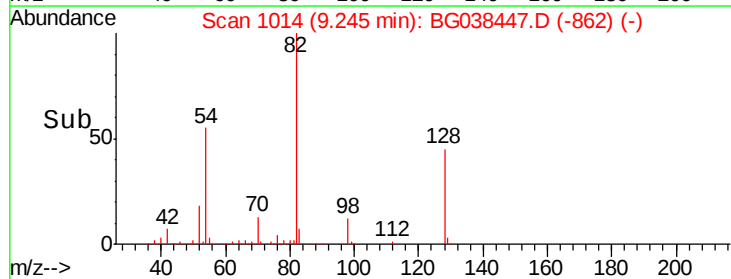
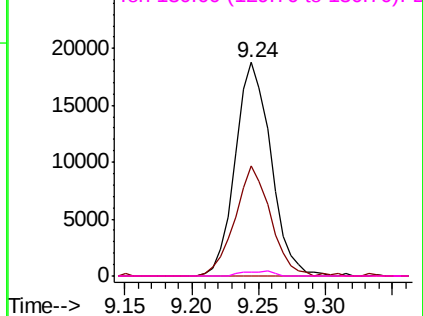
42 51.5 53.9 80.9#

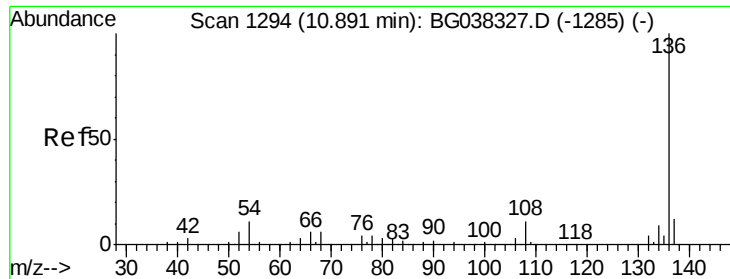
101 0.0 8.2 12.2#

130 2.0 18.2 27.4#



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

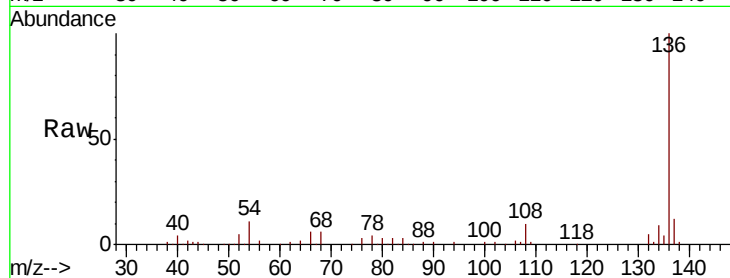




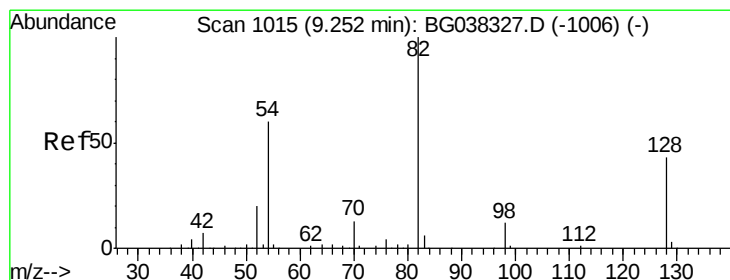
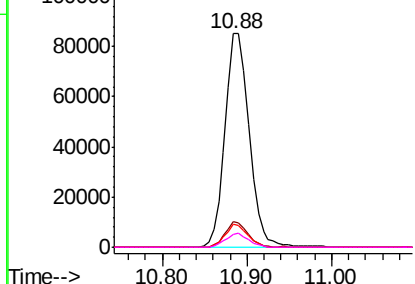
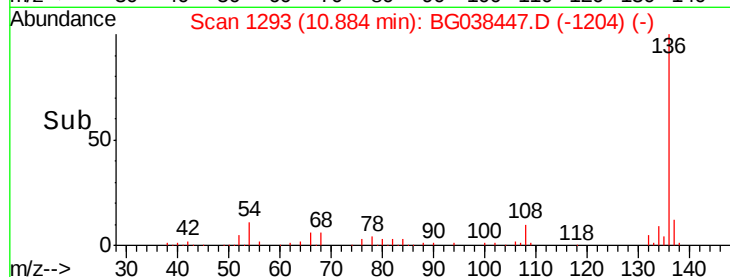
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038447.D
Acq: 10 Dec 2018 20:18

Instrument :
BNA_G
ClientSampleId :
EO-03-120718-B

Tgt Ion:	136	Resp:	168783
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.5	7.9	11.9
68	6.2	4.8	7.2

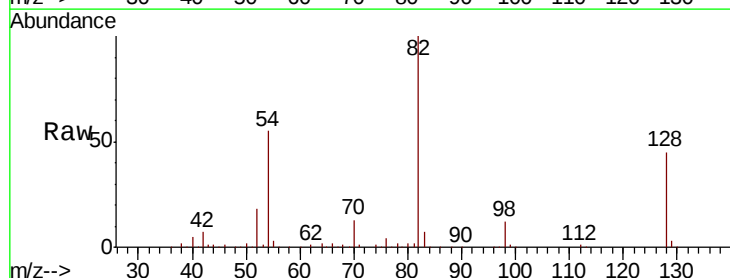


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

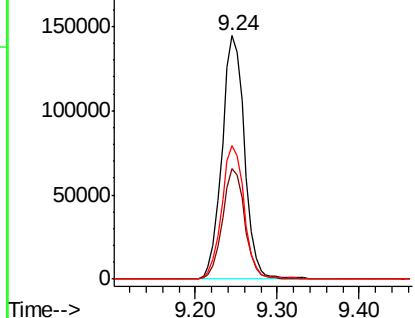
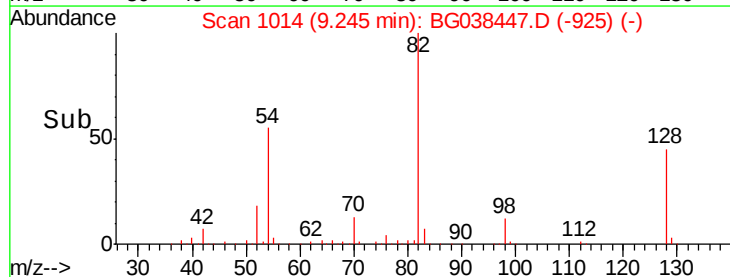


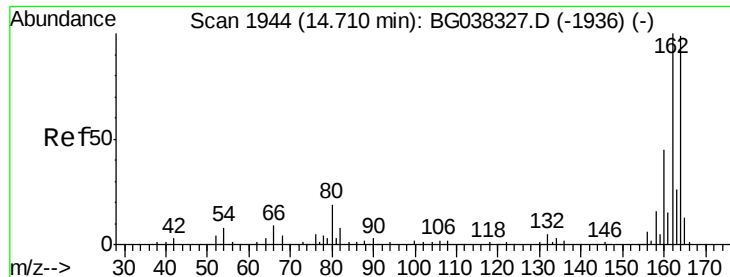
#23
Nitrobenzene-d5
Concen: 81.806 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038447.D
Acq: 10 Dec 2018 20:18

Tgt Ion:	82	Resp:	278109
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	54.7	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-B

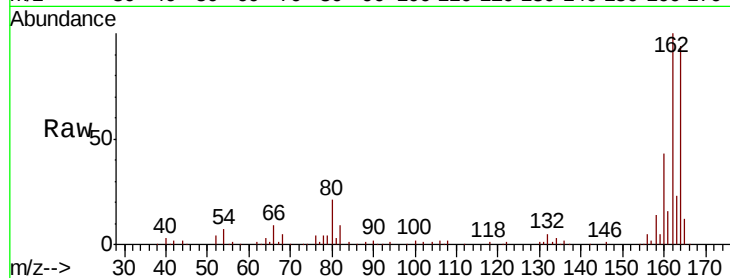
Tgt Ion:164 Resp: 106379

Ion Ratio Lower Upper

164 100

162 106.1 81.3 121.9

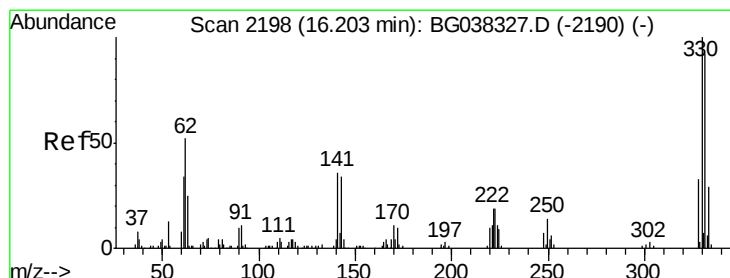
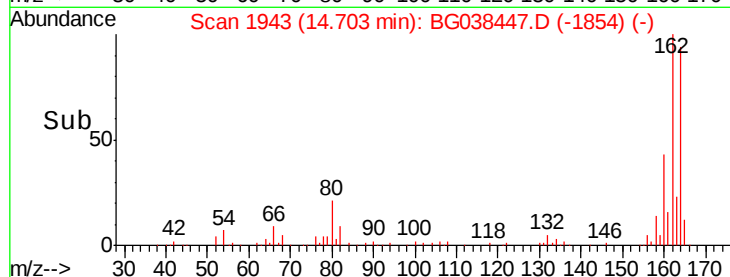
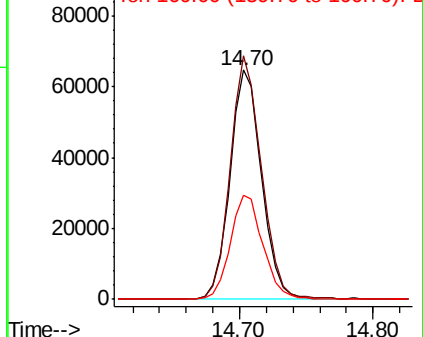
160 45.6 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 118.499 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

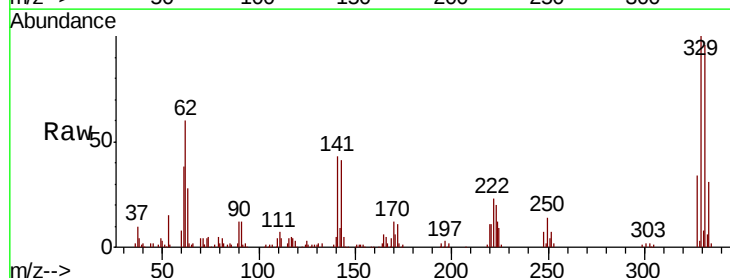
Tgt Ion:330 Resp: 154751

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

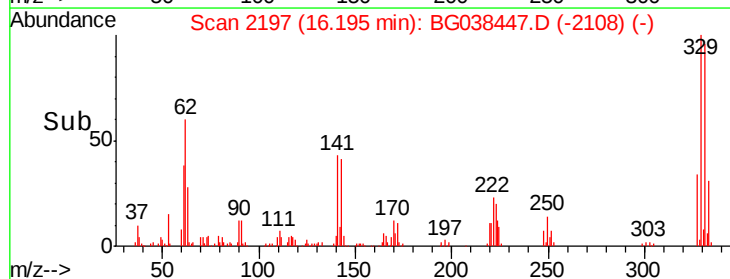
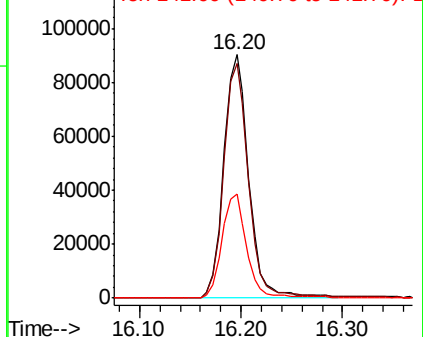
141 41.6 32.2 48.2

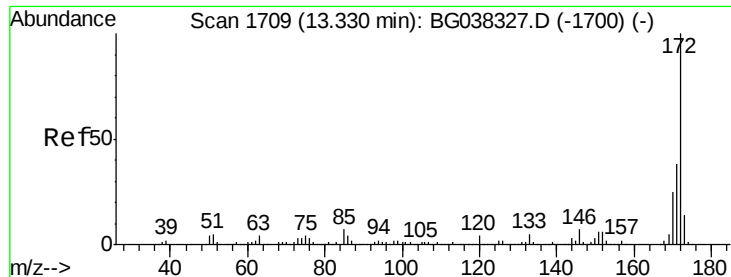


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

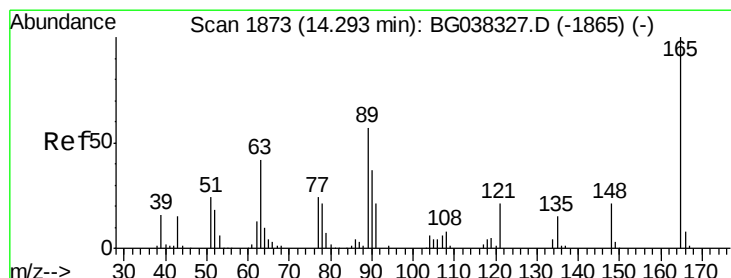
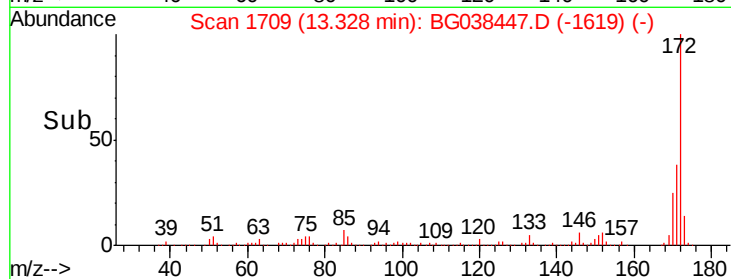
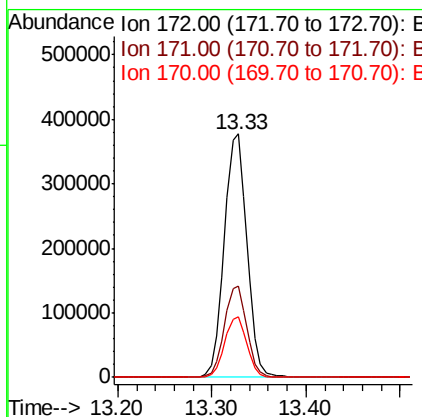
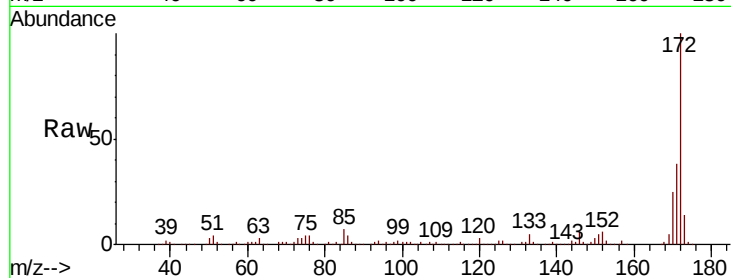




#45
 2-Fluorobiphenyl
 Concen: 85.061 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038447.D
 Acq: 10 Dec 2018 20:18

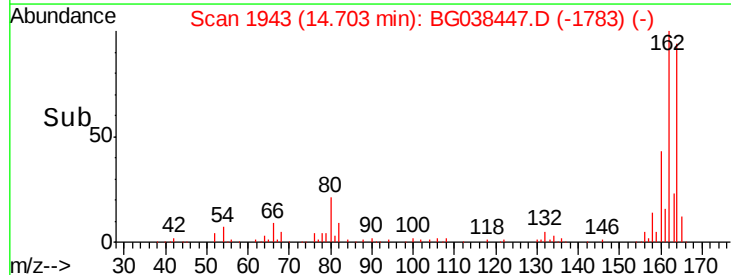
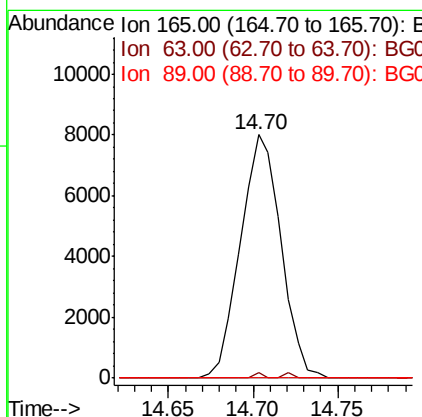
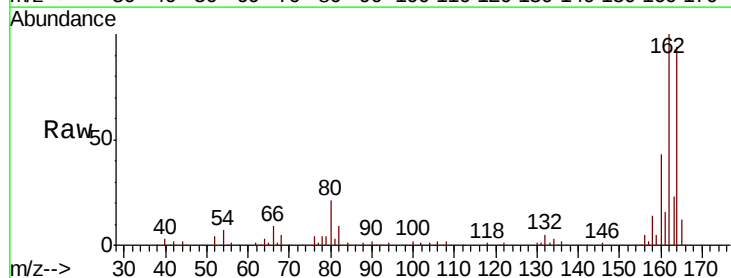
Instrument :
 BNA_G
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 EO-03-120718-B

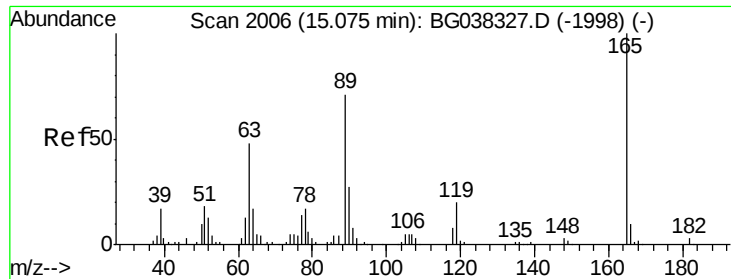
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.854 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038447.D
 Acq: 10 Dec 2018 20:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	43.4	65.2#
89	0.0	45.8	68.6#

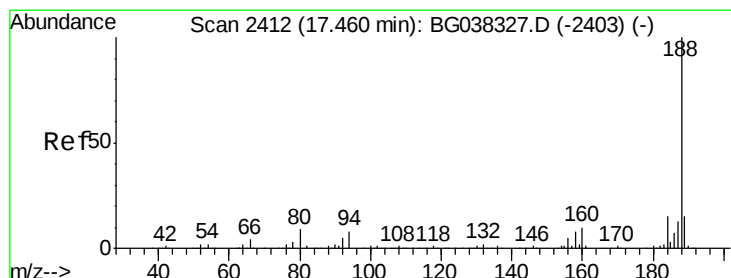
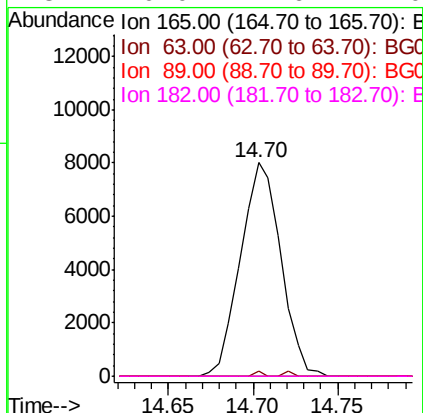
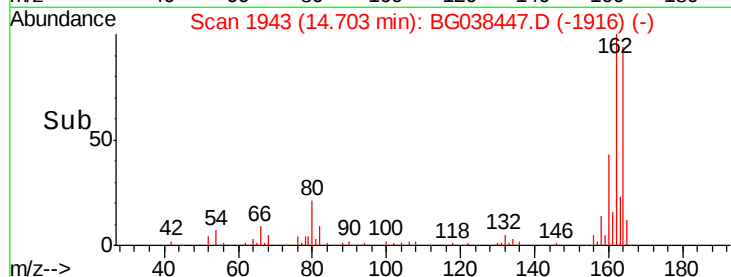
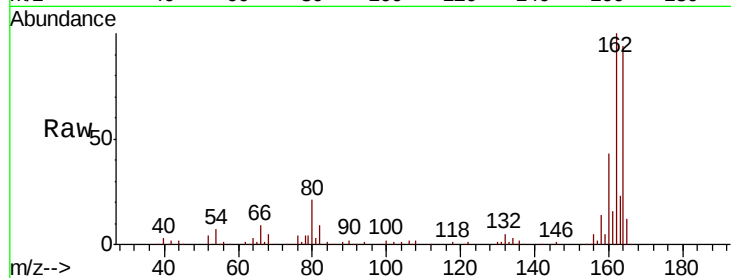




#57
 2,4-Dinitrotoluene
 Concen: 4.969 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038447.D
 Acq: 10 Dec 2018 20:18

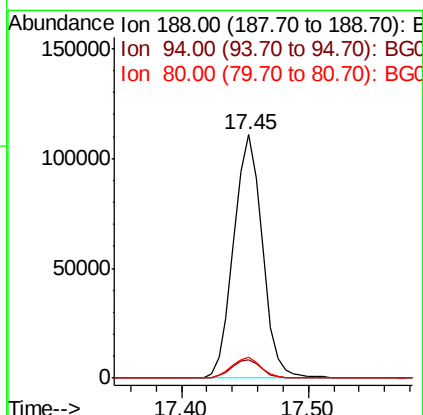
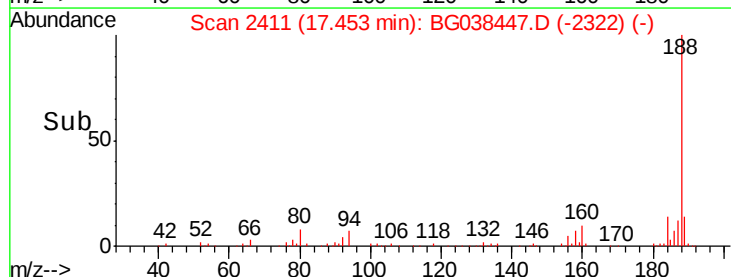
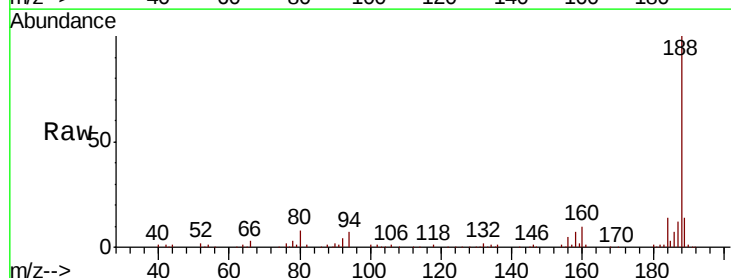
Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-B

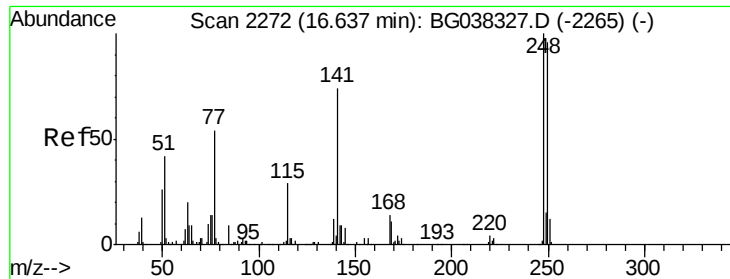
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038447.D
 Acq: 10 Dec 2018 20:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	8.3	7.7	11.5

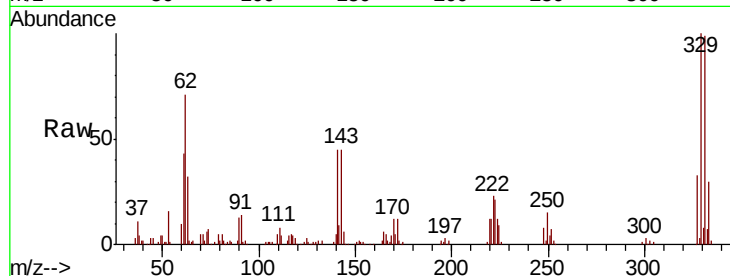




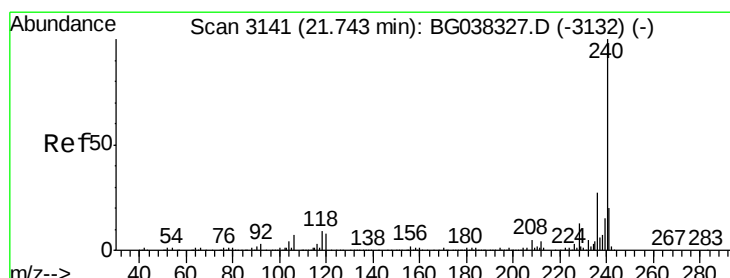
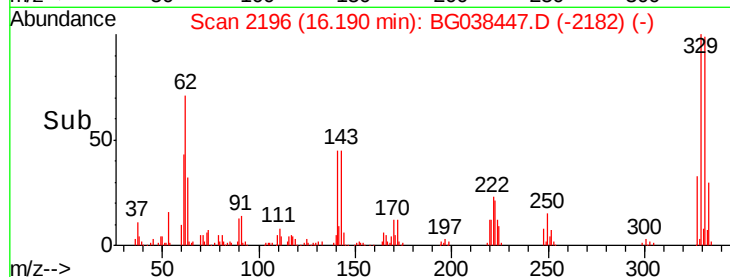
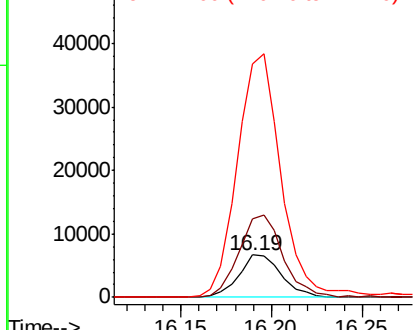
#67
 4-Bromophenyl-phenylether
 Concen: 5.785 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.45 min
 Lab File: BG038447.D
 Acq: 10 Dec 2018 20:18

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-B

Tgt Ion:248 Resp: 10857
 Ion Ratio Lower Upper
 248 100
 250 181.7 77.0 115.6#
 141 423.3 55.5 83.3#

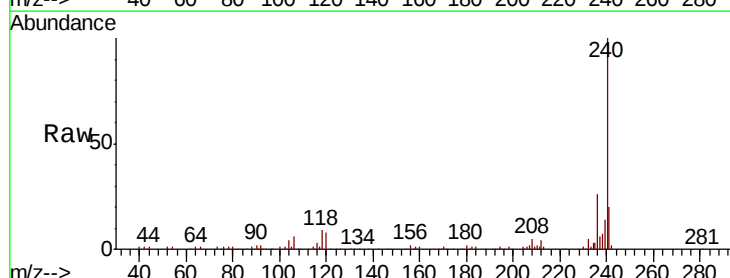


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

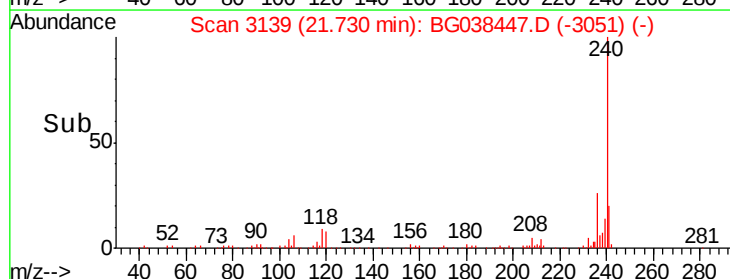
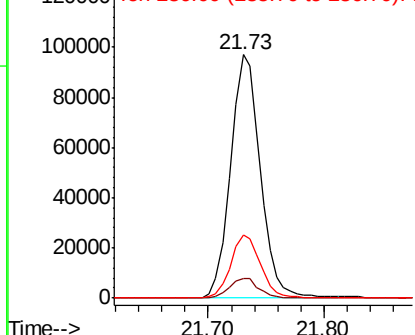


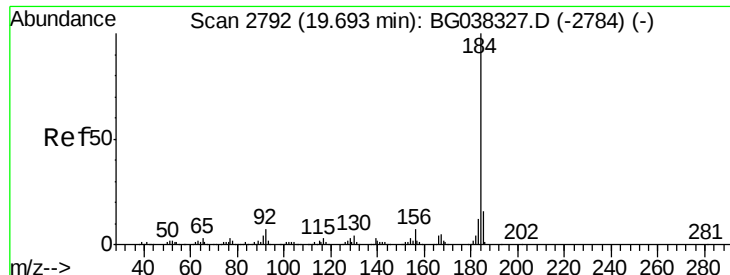
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038447.D
 Acq: 10 Dec 2018 20:18

Tgt Ion:240 Resp: 173410
 Ion Ratio Lower Upper
 240 100
 120 8.1 8.1 12.1
 236 26.0 21.4 32.0



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





#77

Benzidine

Concen: 2.457 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-B

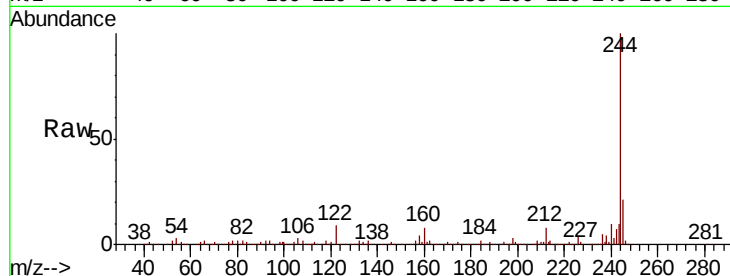
Tgt Ion:184 Resp: 14380

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

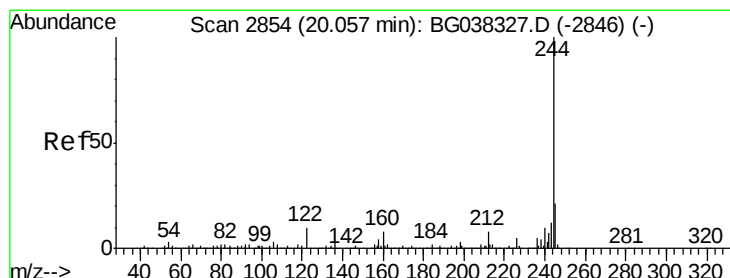
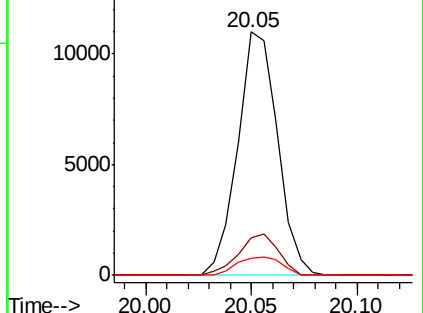
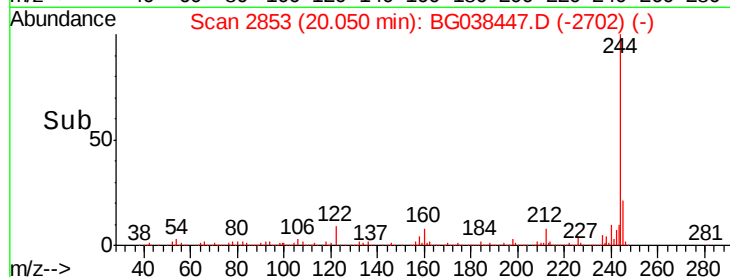
183 7.1 10.2 15.2#



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



#79

Terphenyl-d14

Concen: 101.903 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

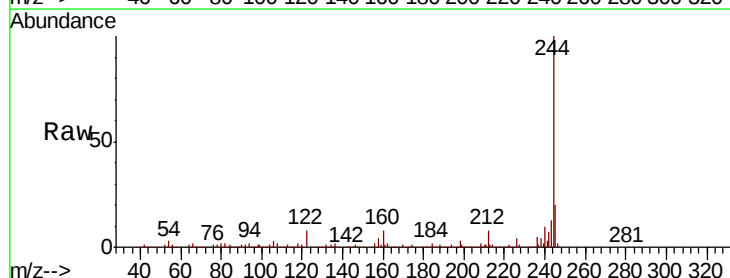
Tgt Ion:244 Resp: 824875

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

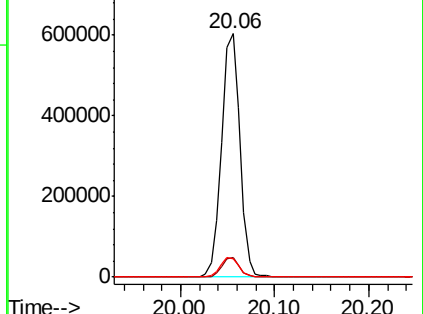
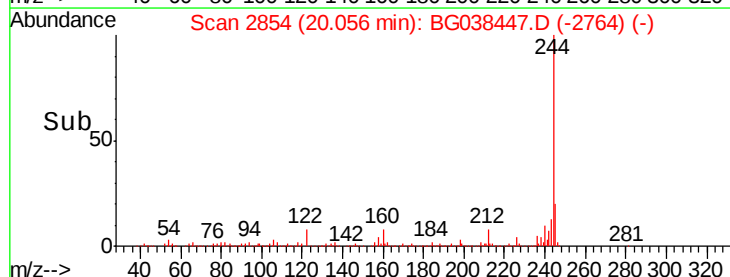
122 7.7 9.0 13.4#

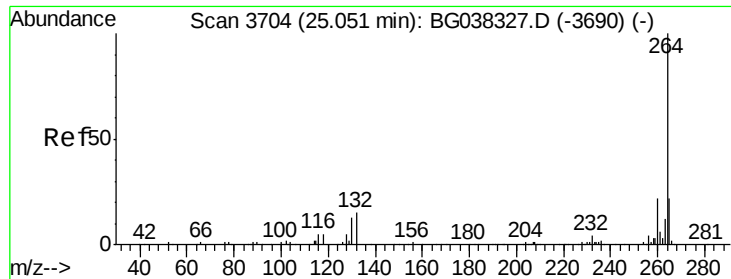


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038447.D
Acq: 10 Dec 2018 20:18

Instrument :
BNA_G
ClientSampleId :
EO-03-120718-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.7	17.9	26.9

