

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083018\
 Data File : BG036494.D
 Acq On : 31 Aug 2018 1:22
 Operator : JU/SJ
 Sample : J4675-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-082918-A

Quant Time: Aug 31 04:19:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

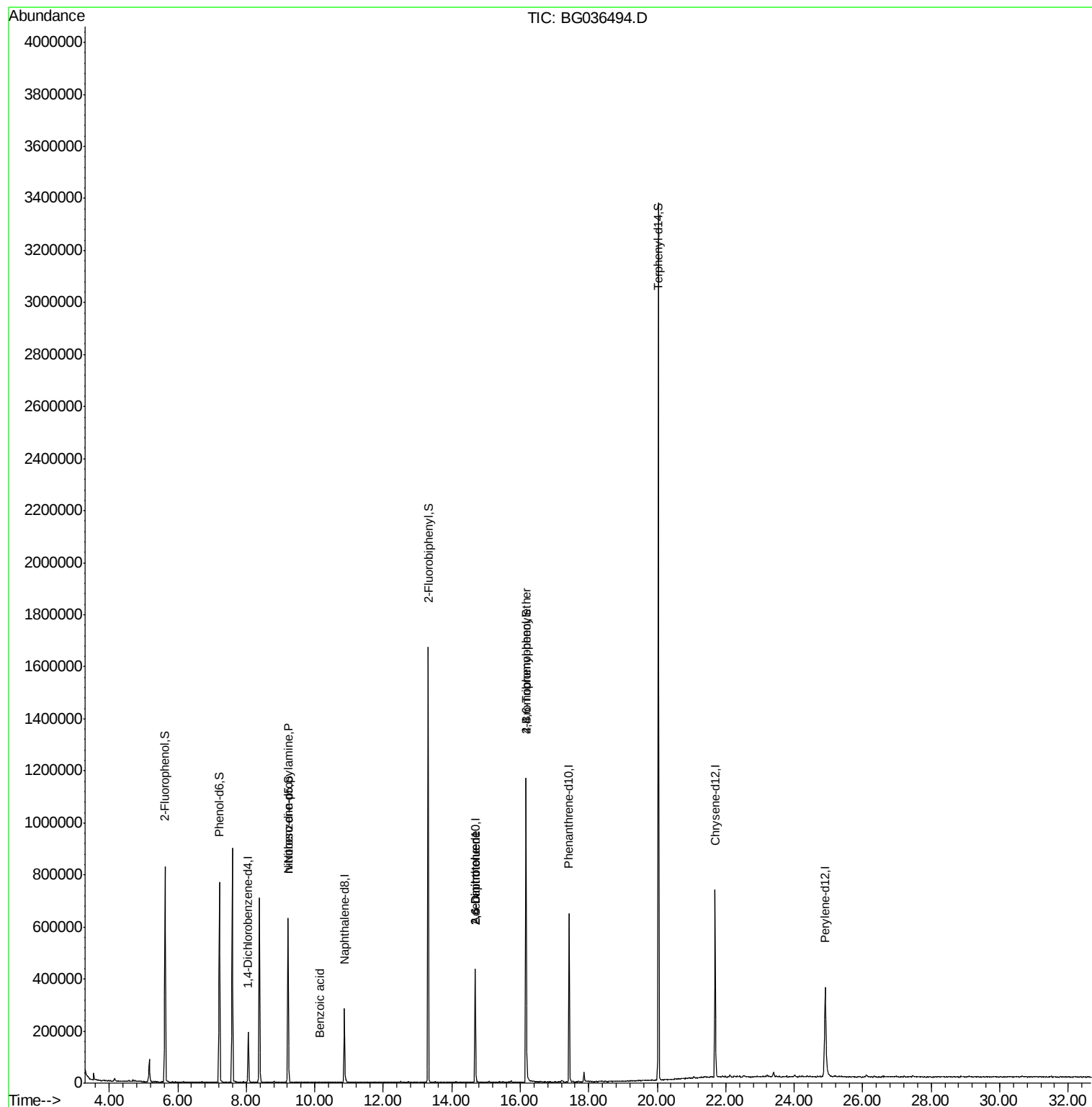
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55209	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	231223	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	150037	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	401322	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	436805	20.00	ng	-0.02
86) Perylene-d12	24.90	264	429691	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	356625	102.47	ng	0.00
7) Phenol-d6	7.21	99	435203	87.34	ng	0.00
23) Nitrobenzene-d5	9.22	82	370314	86.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	217445	121.46	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	865723	82.39	ng	-0.01
78) Terphenyl-d14	20.03	244	1558072	83.37	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	50091	13.450	ng	# 68
32) Benzoic acid	10.14	122	66	4.503	ng	# 1
50) 2,6-Dinitrotoluene	14.69	165	19719	7.822	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	19719	6.002	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	15134	3.221	ng	# 1

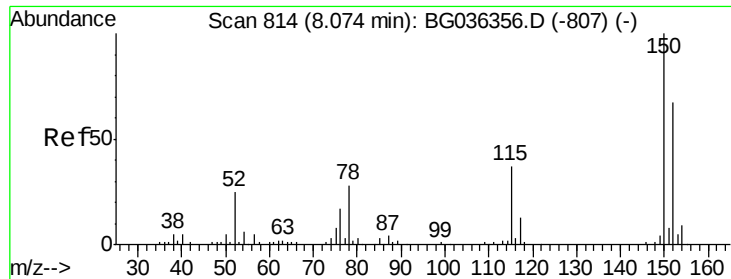
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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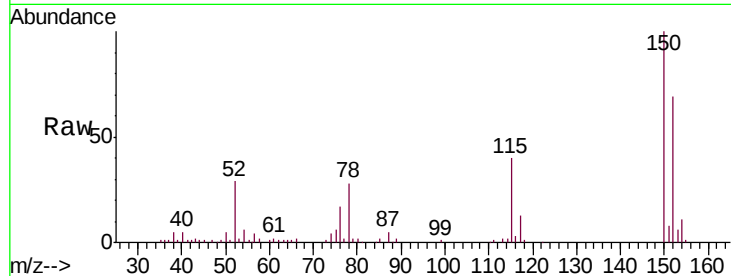




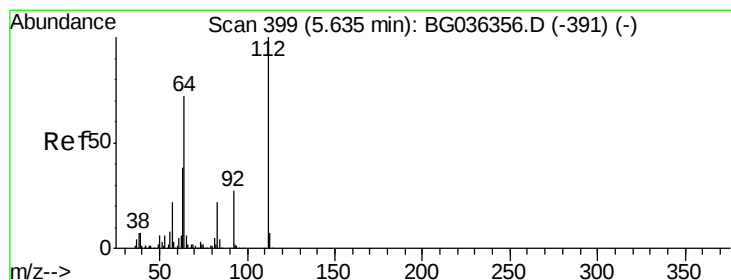
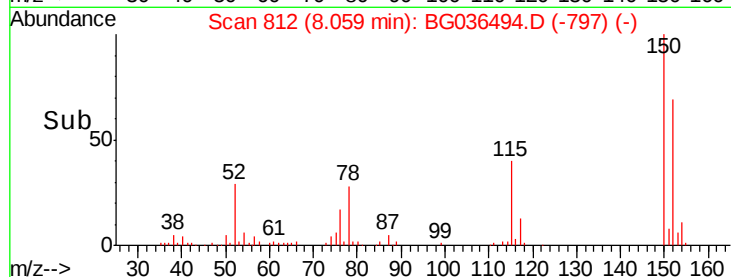
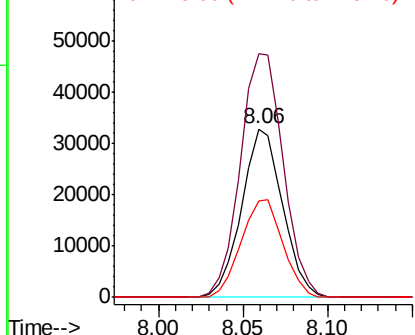
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036494.D
 Acq: 31 Aug 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-082918-A

Tgt Ion:152 Resp: 55209
 Ion Ratio Lower Upper
 152 100
 150 144.8 119.5 179.3
 115 57.2 44.5 66.7

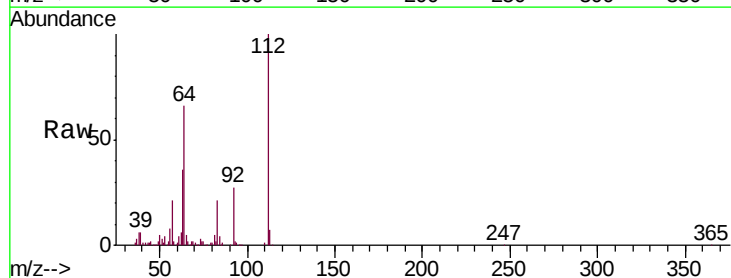


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

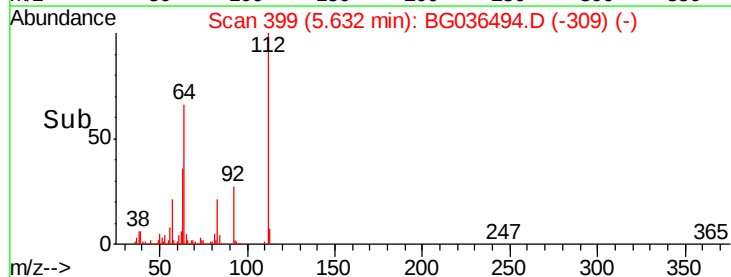
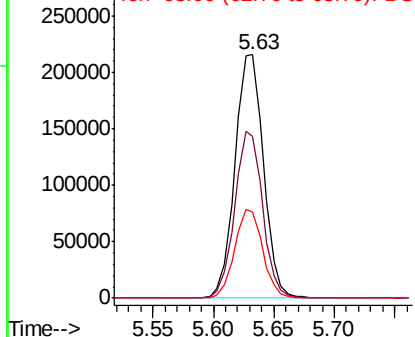


#5
 2-Fluorophenol
 Concen: 102.467 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036494.D
 Acq: 31 Aug 2018 1:22

Tgt Ion:112 Resp: 356625
 Ion Ratio Lower Upper
 112 100
 64 66.3 57.2 85.8
 63 35.5 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: 87.337 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

Instrument :

BNA_G

ClientSampleId :

CL-02-082918-A

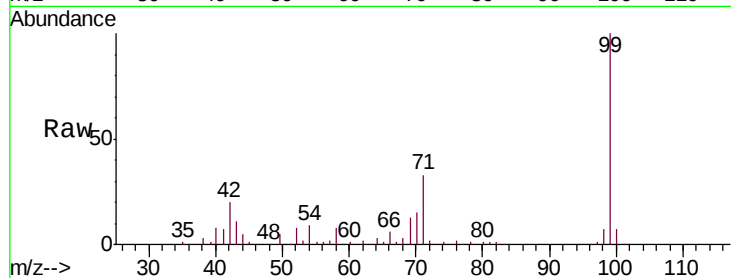
Tgt Ion: 99 Resp: 435203

Ion Ratio Lower Upper

99 100

42 19.8 16.5 24.7

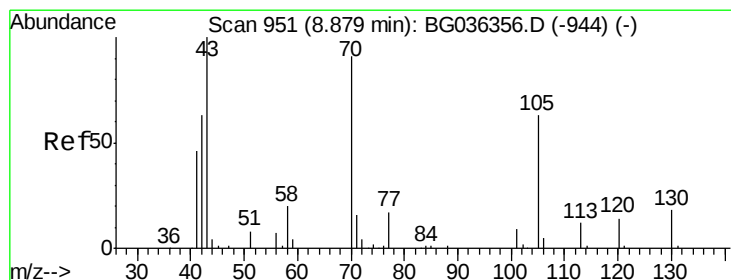
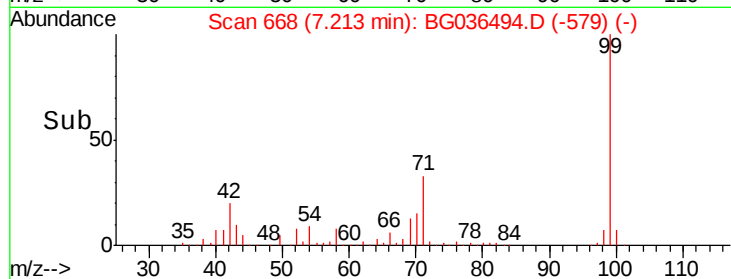
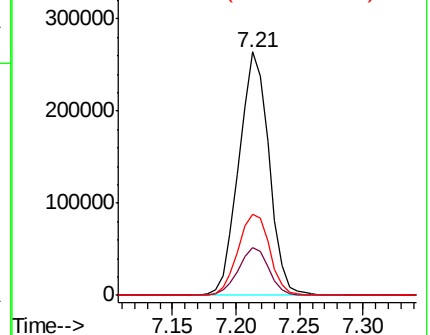
71 33.2 29.4 44.2



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: 13.450 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

Tgt Ion: 70 Resp: 50091

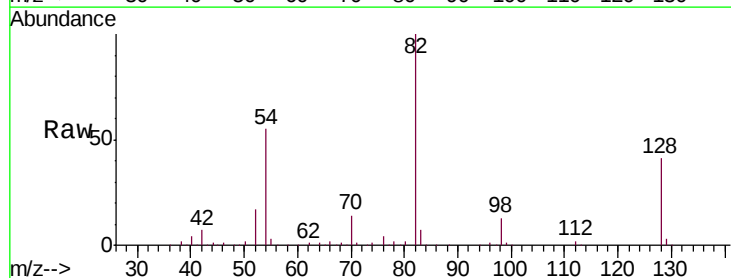
Ion Ratio Lower Upper

70 100

42 45.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 16.2 24.2#

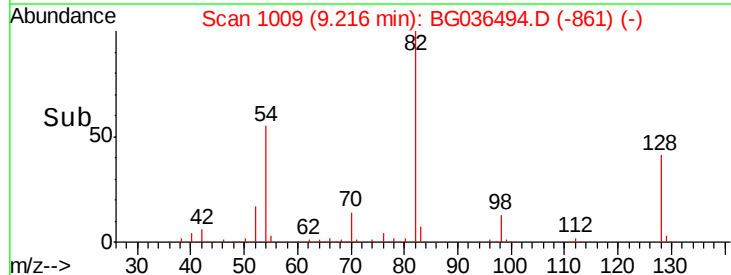
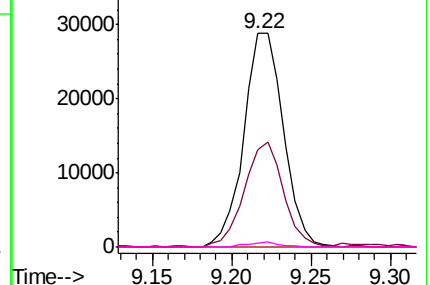


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

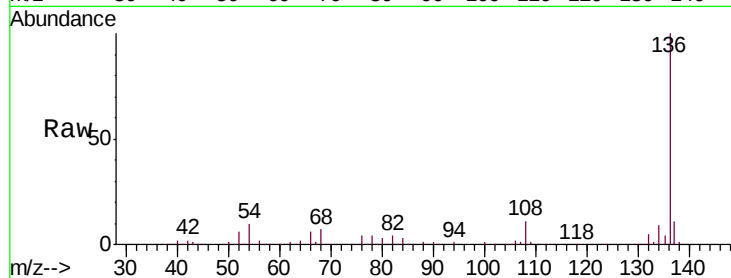




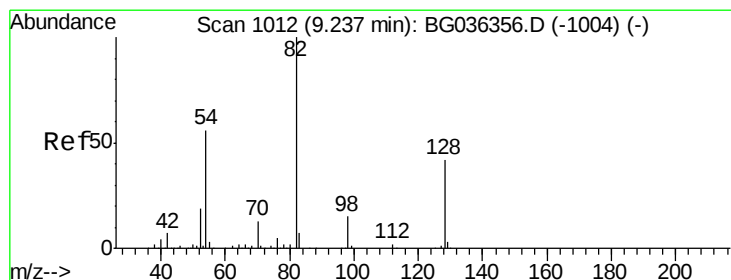
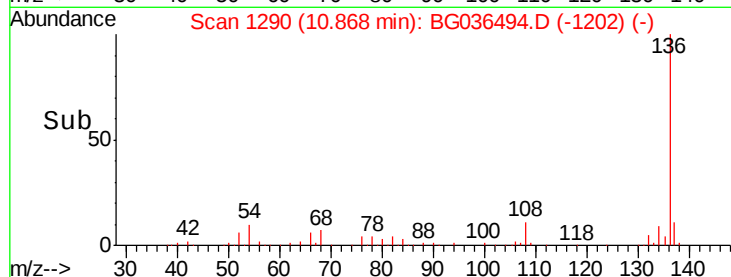
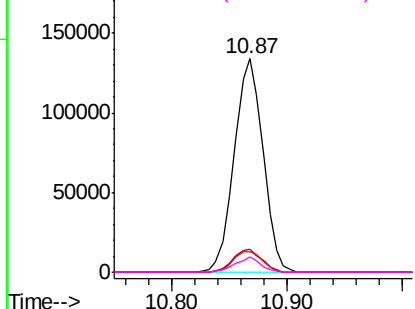
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

Instrument :
BNA_G
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CL-02-082918-A

Tgt Ion:	136	Resp:	231223
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.5	9.2	13.8
68	7.0	5.8	8.6

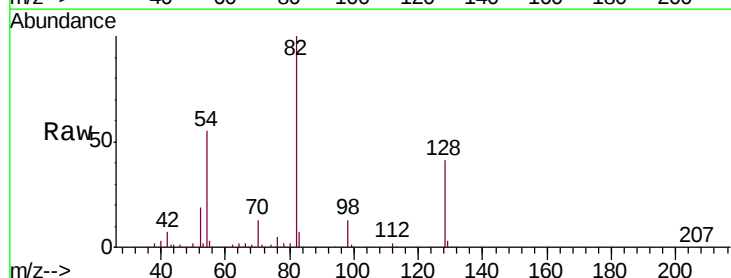


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

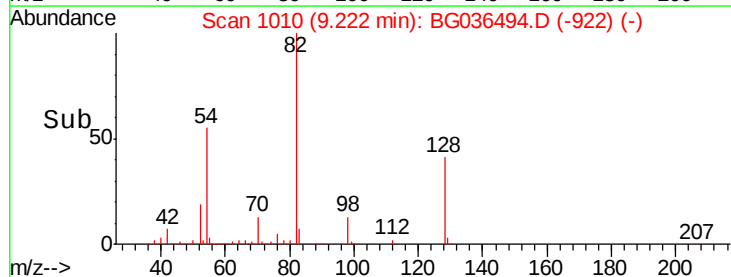
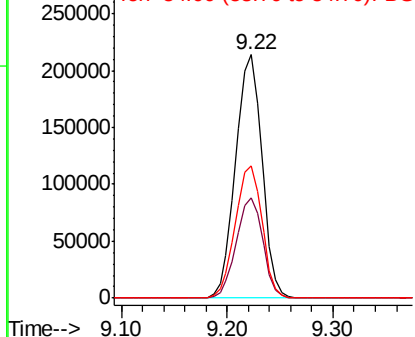


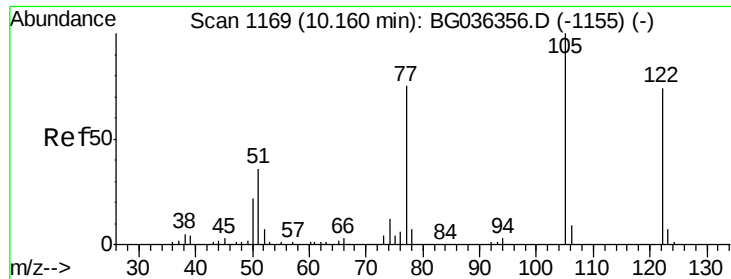
#23
Nitrobenzene-d5
Concen: 86.895 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

Tgt Ion:	82	Resp:	370314
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	54.5	45.1	67.7



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





#32

Benzoic acid

Concen: 4.503 ng

RT: 10.14 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

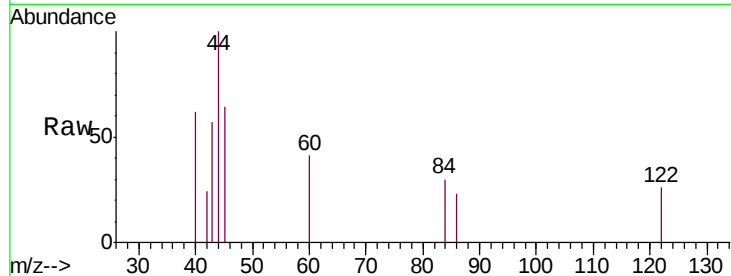
Instrument :

BNA_G

ClientSampleId :

CL-02-082918-A

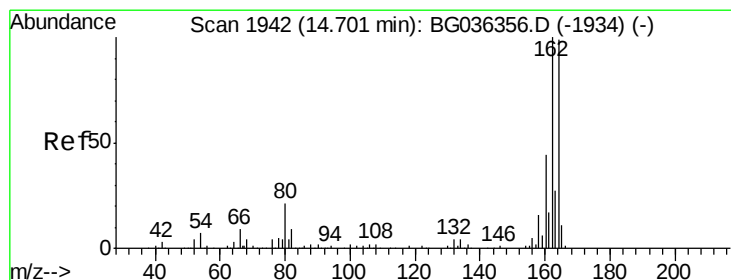
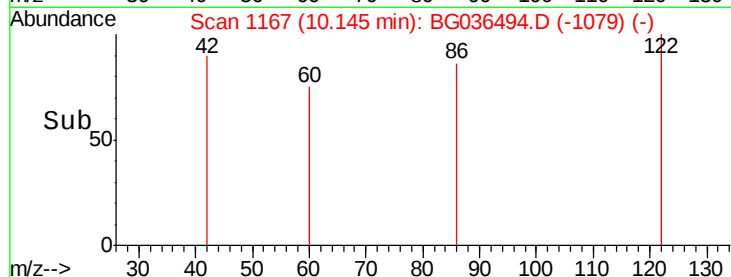
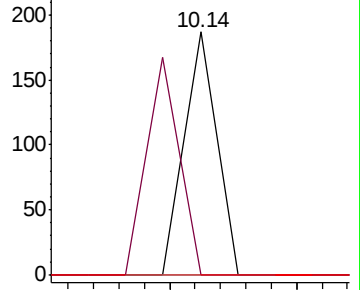
Tgt Ion:	122	Resp:	66
Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

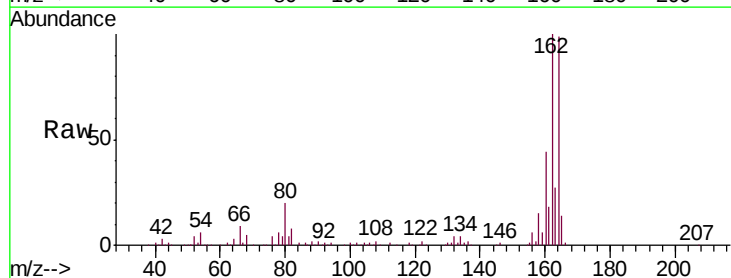
RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

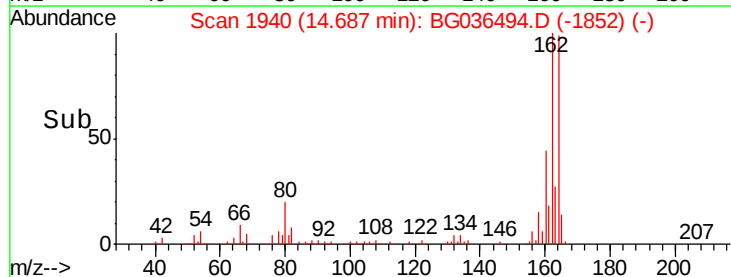
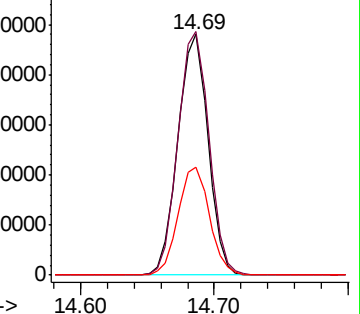
Tgt Ion:	164	Resp:	150037
Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.7	121.1
160	44.9	35.3	52.9

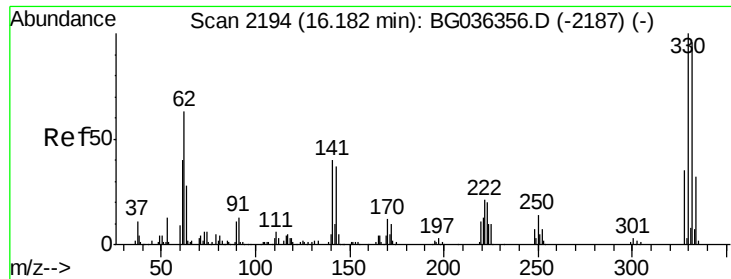


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

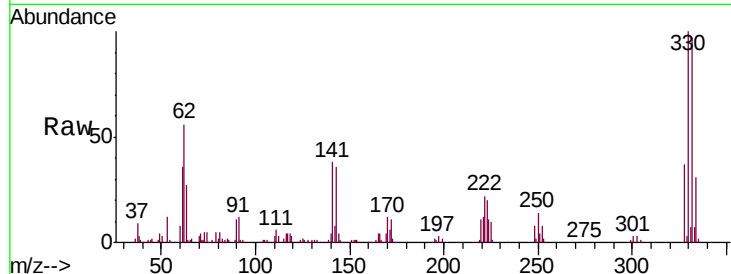




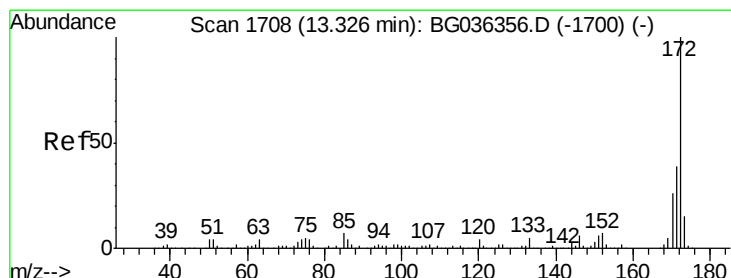
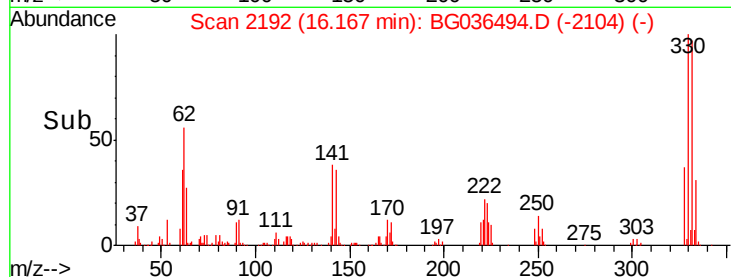
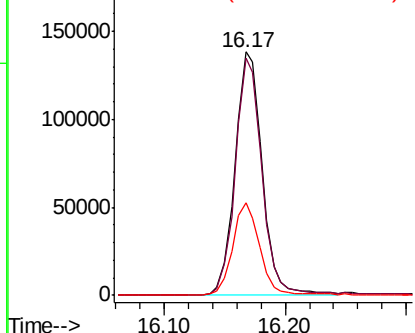
#41
 2,4,6-Tribromophenol
 Concen: 121.459 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036494.D
 Acq: 31 Aug 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-082918-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.2
141	38.0	30.7	46.1

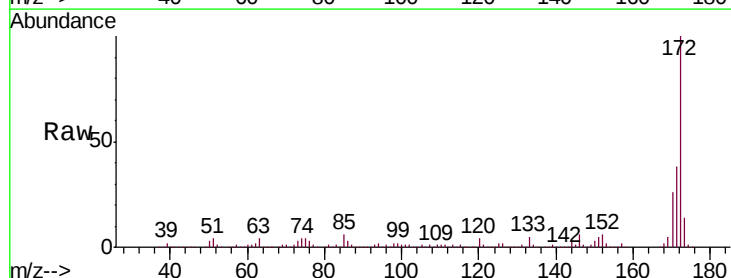


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

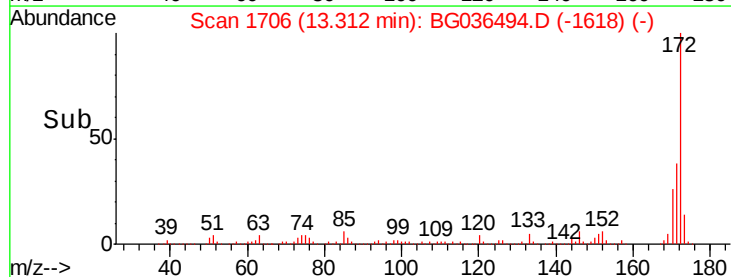
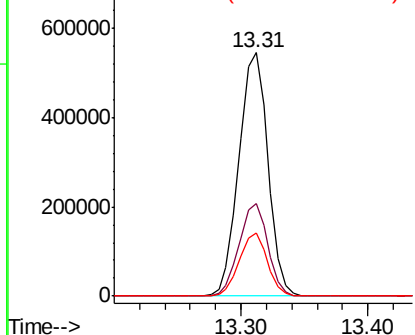


#44
 2-Fluorobiphenyl
 Concen: 82.386 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036494.D
 Acq: 31 Aug 2018 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	26.0	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

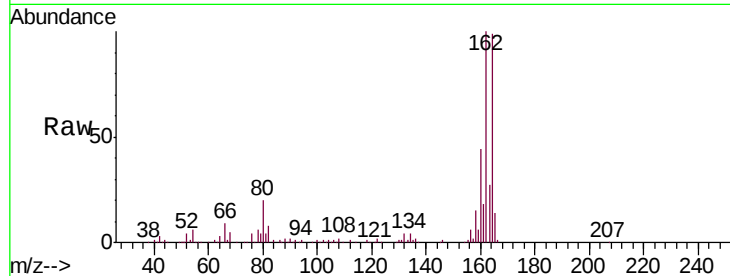




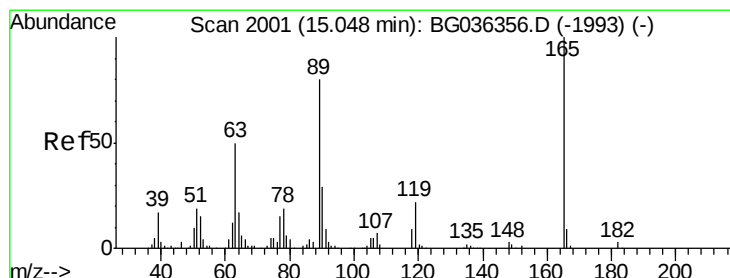
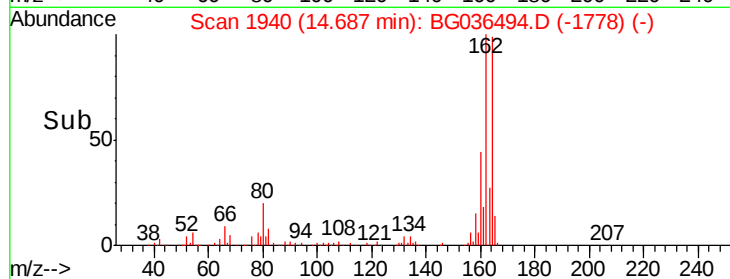
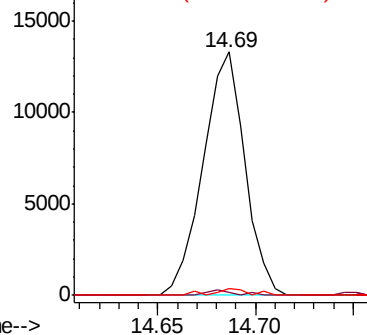
#50
2,6-Dinitrotoluene
Concen: 7.822 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

Instrument :
BNA_G
ClientSampleId :
CL-02-082918-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.1	75.1#
89	2.6	47.8	71.6#

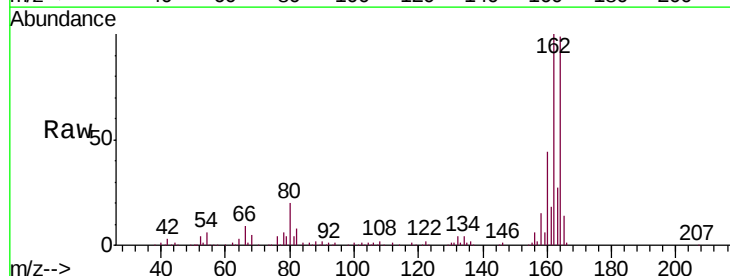


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

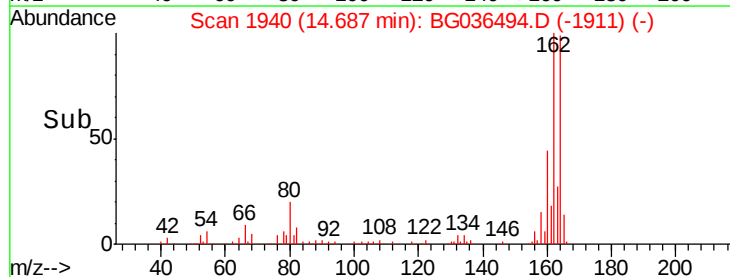
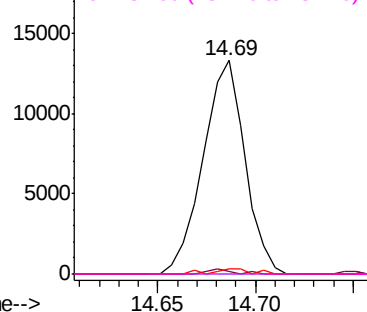


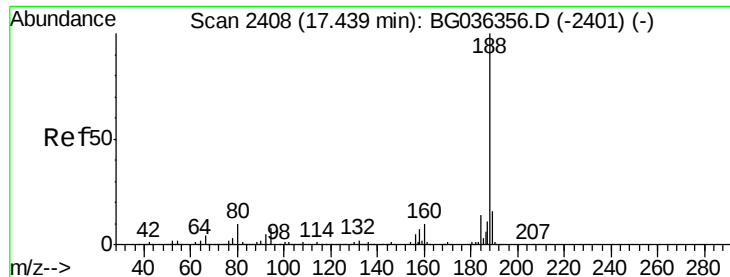
#56
2,4-Dinitrotoluene
Concen: 6.002 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	2.6	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

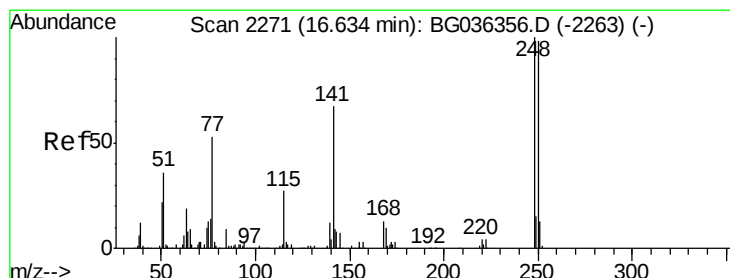
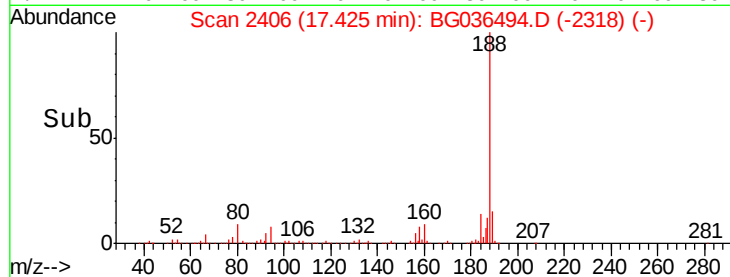
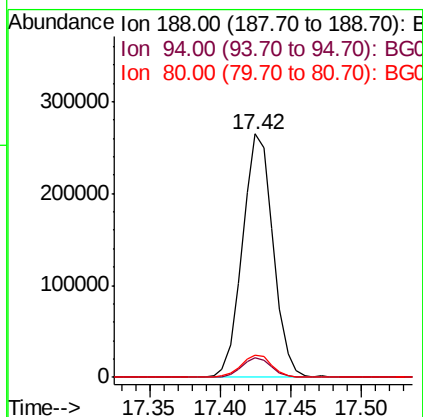
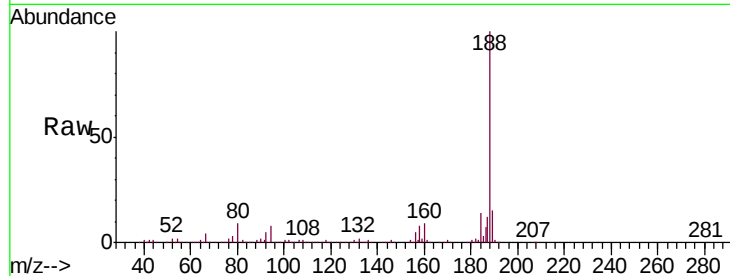




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036494.D
 Acq: 31 Aug 2018 1:22

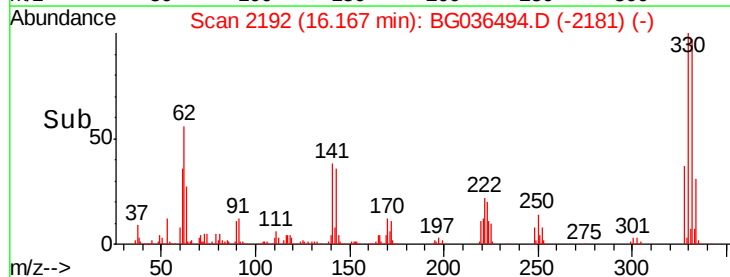
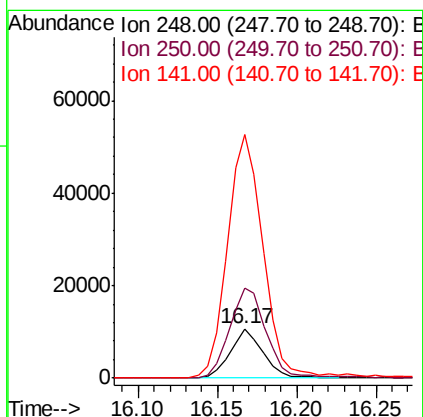
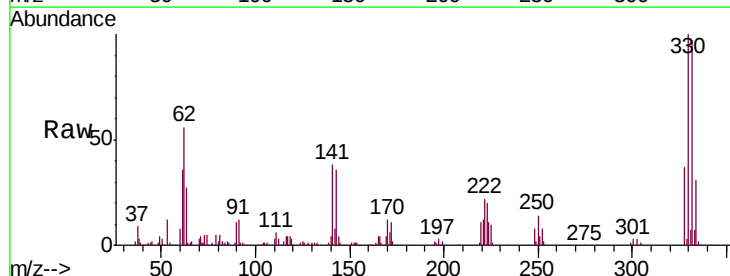
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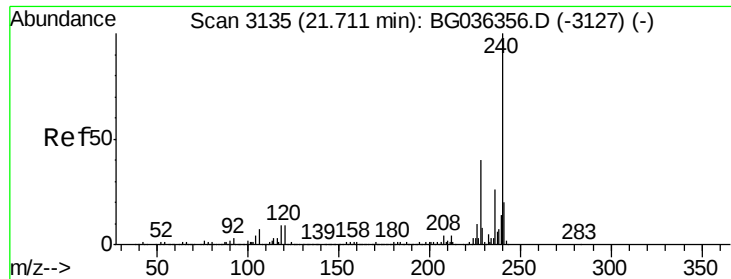
Tgt Ion:188 Resp: 401322
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 9.3 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.221 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG036494.D
 Acq: 31 Aug 2018 1:22

Tgt Ion:248 Resp: 15134
 Ion Ratio Lower Upper
 248 100
 250 183.0 78.1 117.1#
 141 492.0 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

Instrument :

BNA_G

ClientSampleId :

CL-02-082918-A

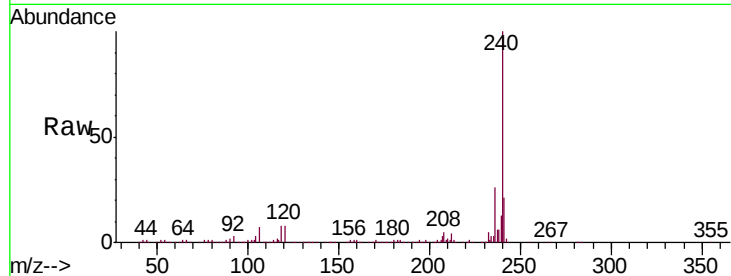
Tgt Ion:240 Resp: 436805

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

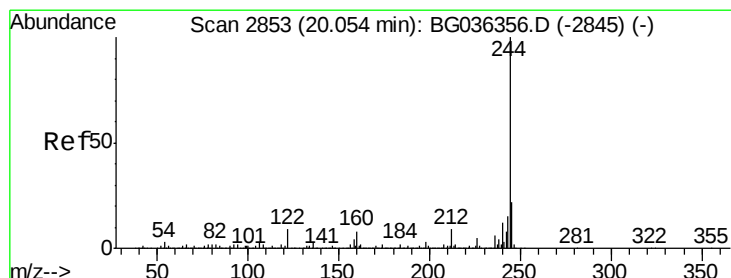
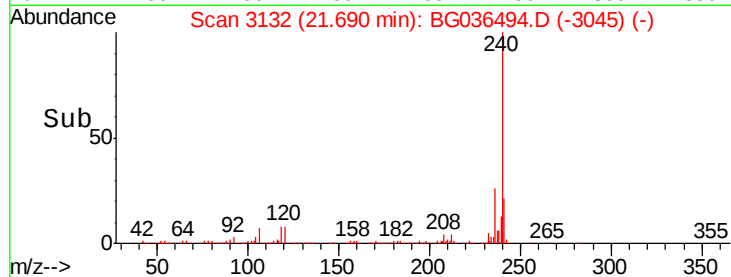
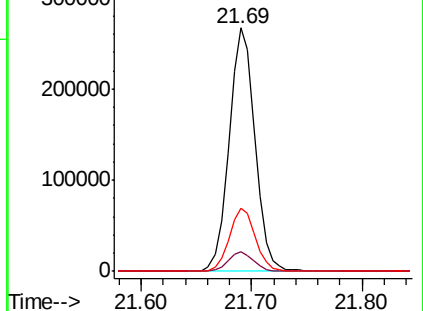
236 25.8 21.2 31.8



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: 83.372 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

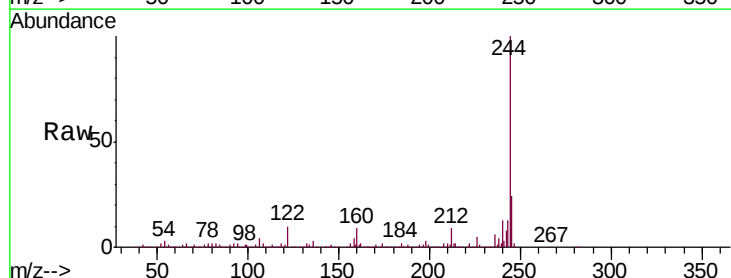
Tgt Ion:244 Resp: 1558072

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

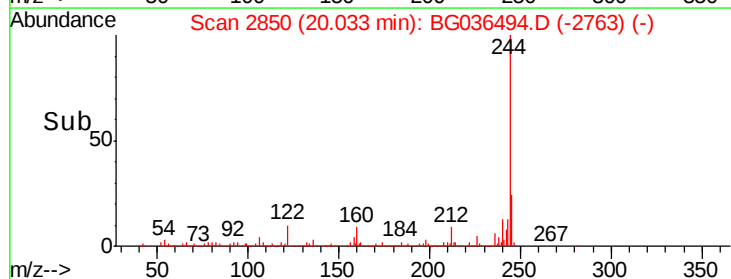
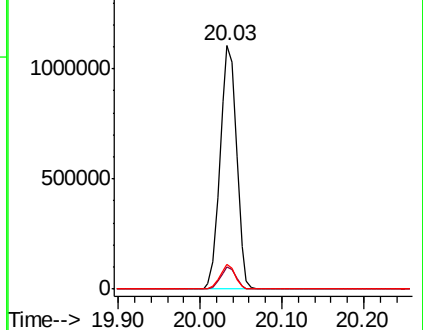
122 10.0 7.1 10.7

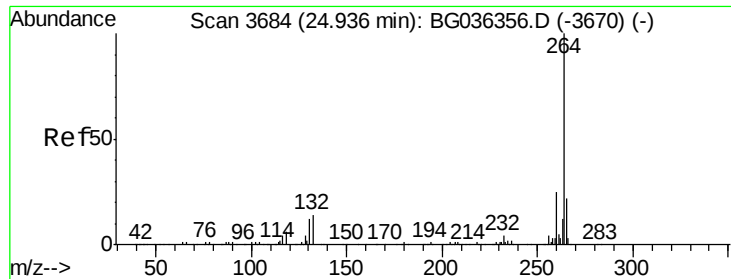


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3678
Delta R.T. -0.04 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

Instrument :
BNA_G
ClientSampleId :
CL-02-082918-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.8	17.4	26.0

