

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035487.D
 Acq On : 28 Jun 2018 20:55
 Operator : JU/SJ
 Sample : J3715-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-CURB-CON

Quant Time: Jun 29 02:38:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

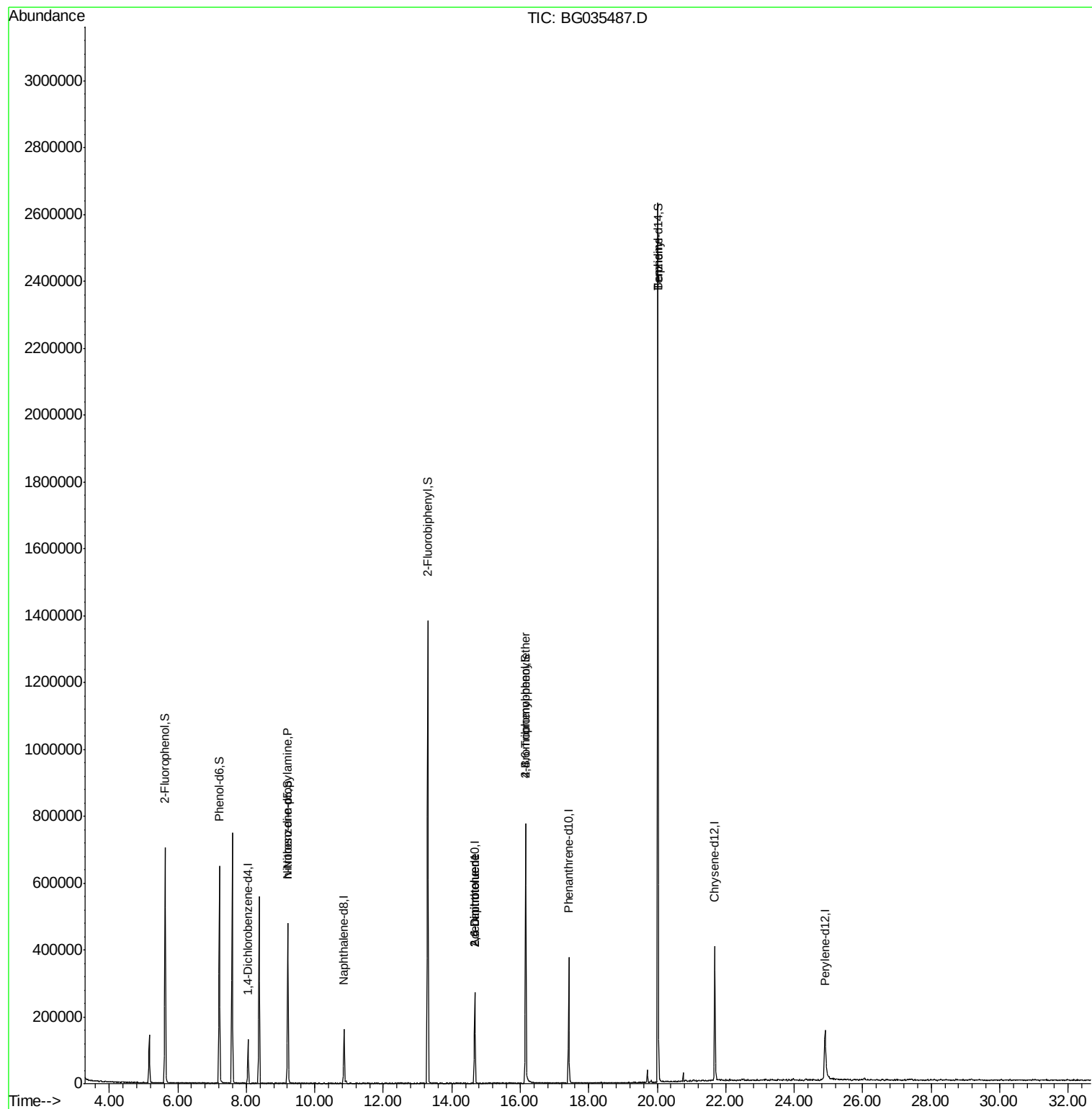
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37113	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	134666	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	96571	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	245475	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	267645	20.00	ng	-0.04
86) Perylene-d12	24.90	264	207959	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	301413	137.06	ng	-0.01
7) Phenol-d6	7.21	99	394122	121.42	ng	-0.01
23) Nitrobenzene-d5	9.22	82	328726	116.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	154683	125.12	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	738231	99.38	ng	-0.03
78) Terphenyl-d14	20.02	244	1326659	103.83	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	45096	16.354	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	13154	8.562	ng	# 18
56) 2,4-Dinitrotoluene	14.67	165	13154	6.445	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	11556	3.909	ng	# 1
76) Benzidine	20.02	184	21590	2.168	ng	# 92

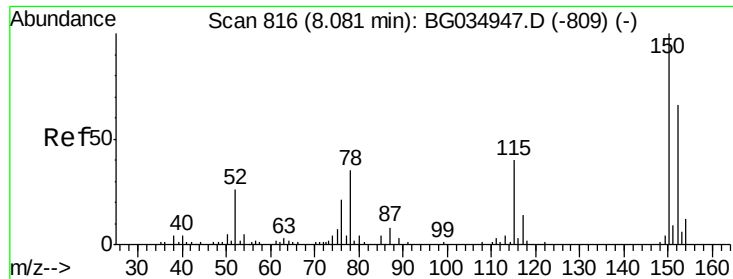
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
Data File : BG035487.D
Acq On : 28 Jun 2018 20:55
Operator : JU/SJ
Sample : J3715-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-CURB-CON

Quant Time: Jun 29 02:38:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



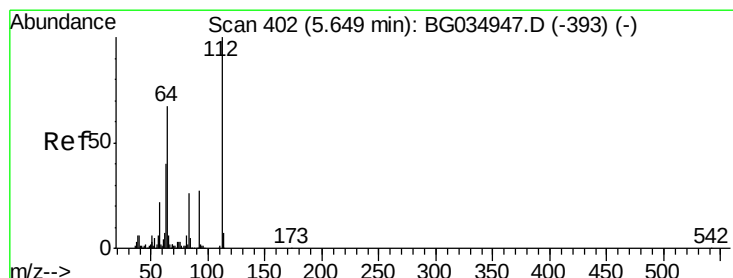
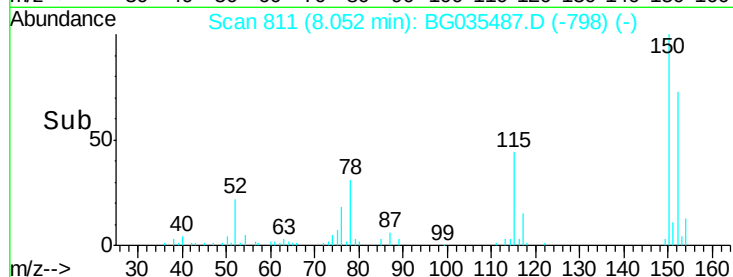
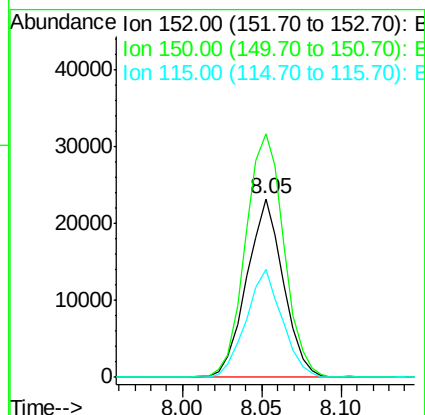
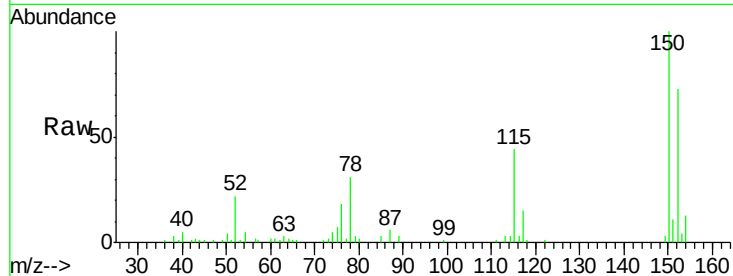


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035487.D
Acq: 28 Jun 2018 20:55

Instrument :
BNA_G
ClientSampleId :
SS-CURB-CON

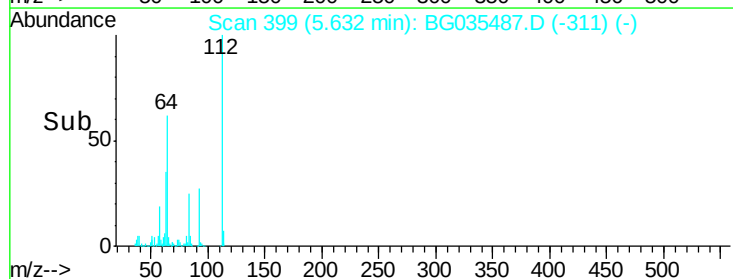
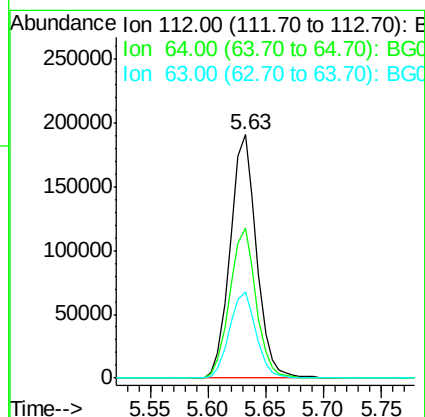
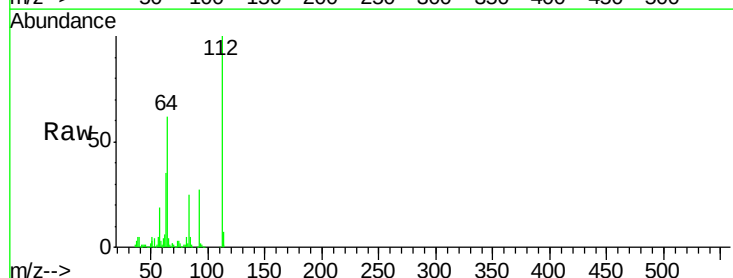
Tgt Ion:152 Resp: 37113
Ion Ratio Lower Upper
152 100
150 136.4 126.6 189.8
115 60.1 53.0 79.4

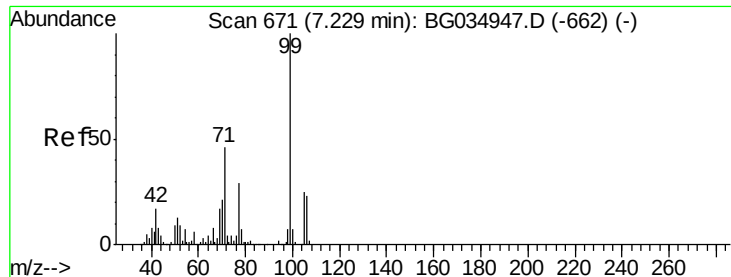


#5

2-Fluorophenol
Concen: 137.059 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035487.D
Acq: 28 Jun 2018 20:55

Tgt Ion:112 Resp: 301413
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 35.4 30.1 45.1





#7

Phenol-d6

Concen: 121.425 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035487.D

Acq: 28 Jun 2018 20:55

Instrument :

BNA_G

ClientSampleId :

SS-CURB-CON

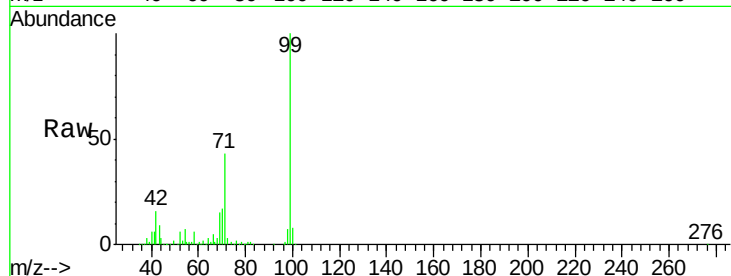
Tgt Ion: 99 Resp: 394122

Ion Ratio Lower Upper

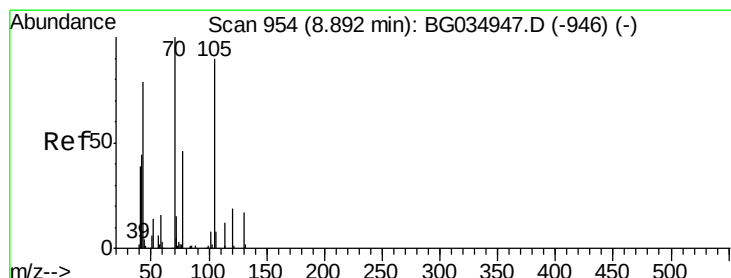
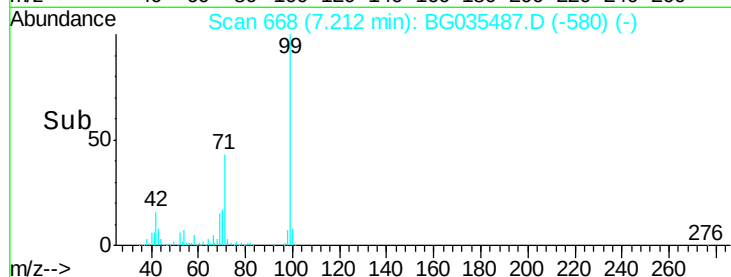
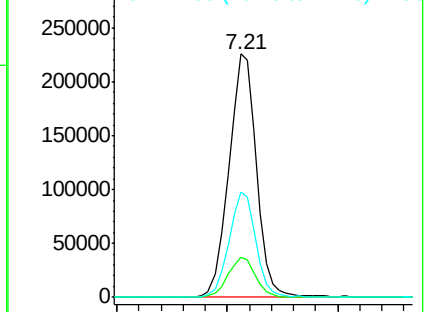
99 100

42 16.5 14.1 21.1

71 43.2 26.1 39.1#



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: 16.354 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035487.D

Acq: 28 Jun 2018 20:55

Tgt Ion: 70 Resp: 45096

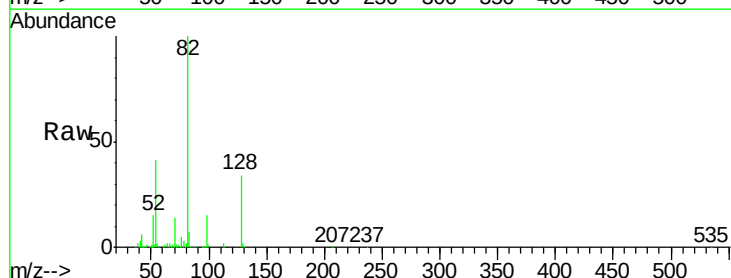
Ion Ratio Lower Upper

70 100

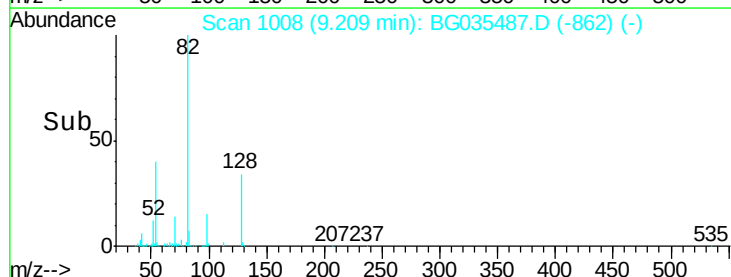
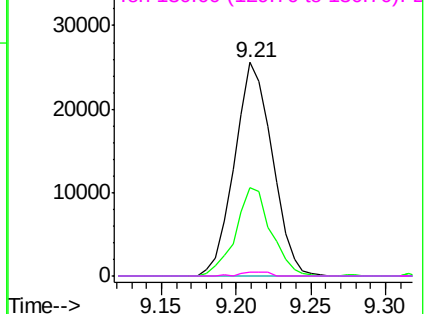
42 41.2 49.1 73.7#

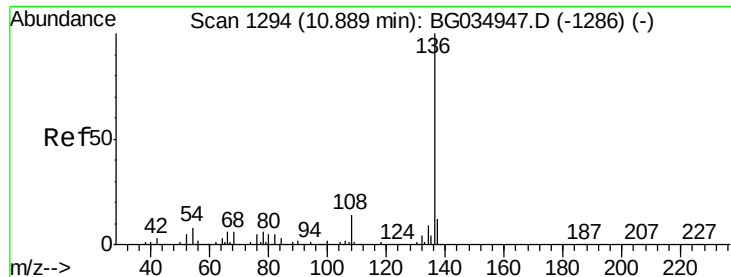
101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



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

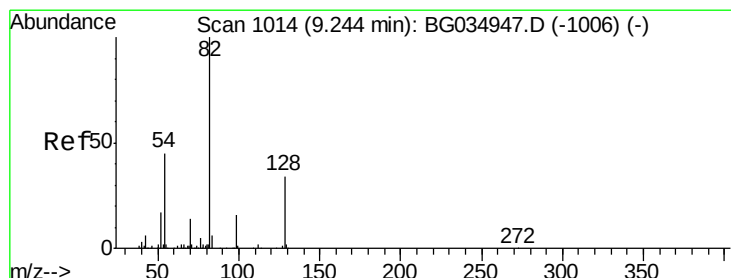
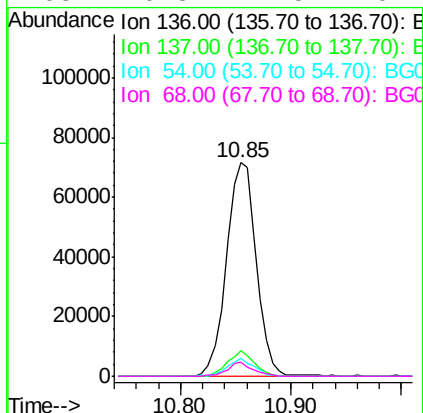
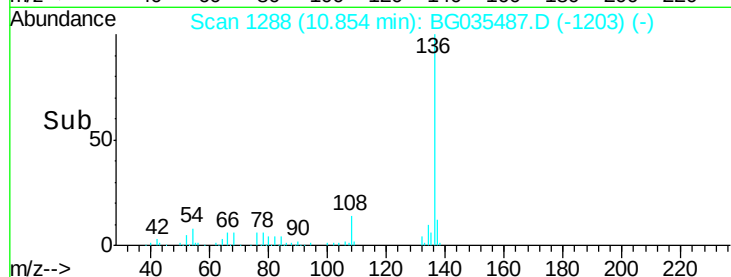
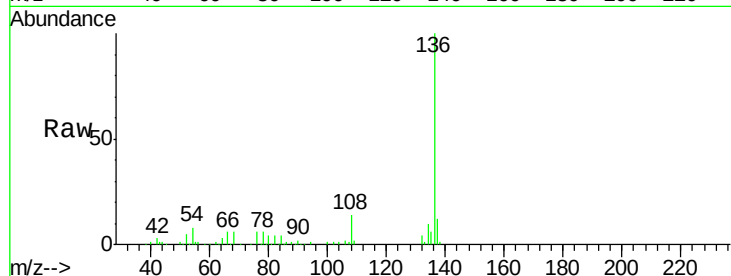




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035487.D
Acq: 28 Jun 2018 20:55

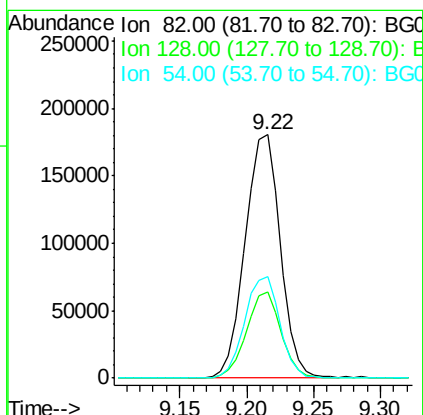
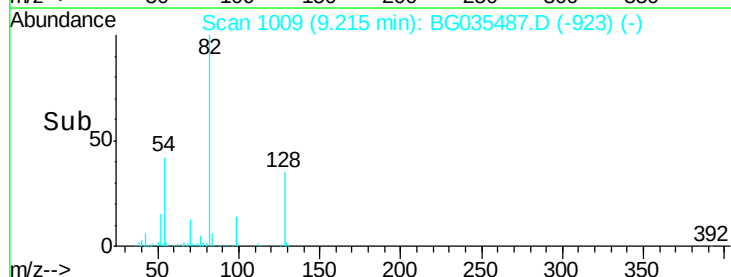
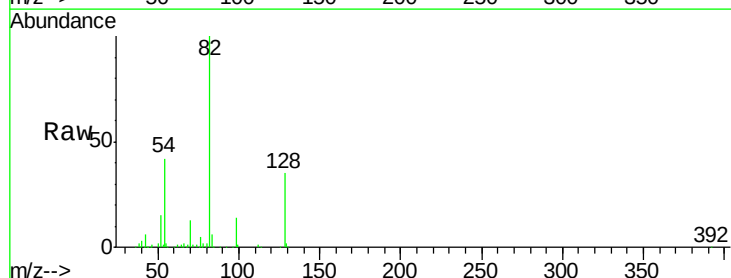
Instrument :
BNA_G
ClientSampleId :
SS-CURB-CON

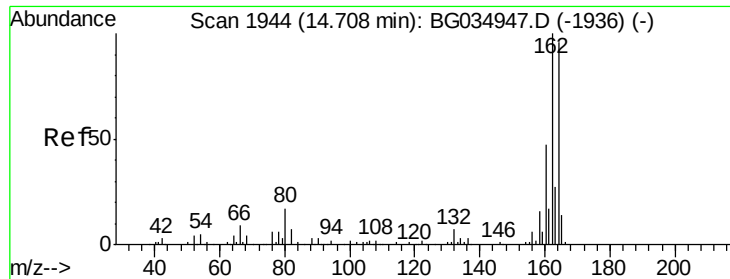
Tgt Ion:	136	Resp:	134666
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	8.2	10.3	15.5#
68	6.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 116.034 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035487.D
Acq: 28 Jun 2018 20:55

Tgt Ion:	82	Resp:	328726
Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	41.8	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035487.D

Acq: 28 Jun 2018 20:55

Instrument :

BNA_G

ClientSampleId :

SS-CURB-CON

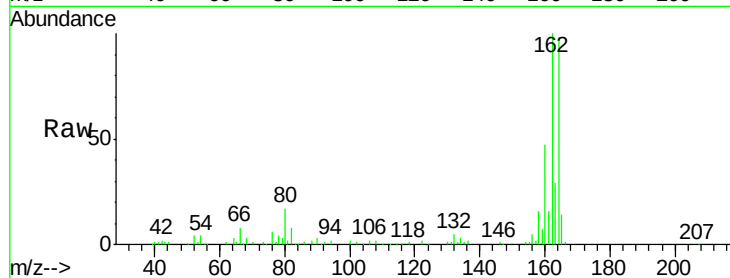
Tgt Ion:164 Resp: 96571

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

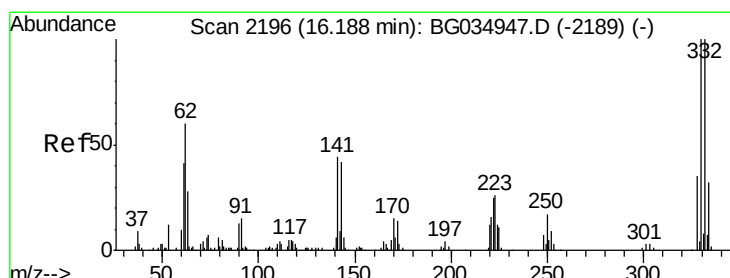
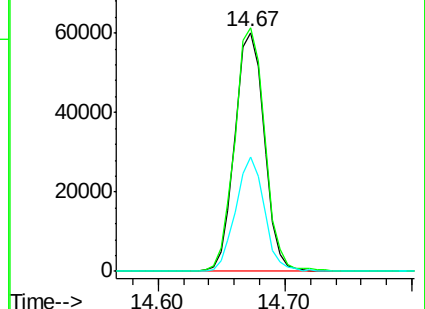
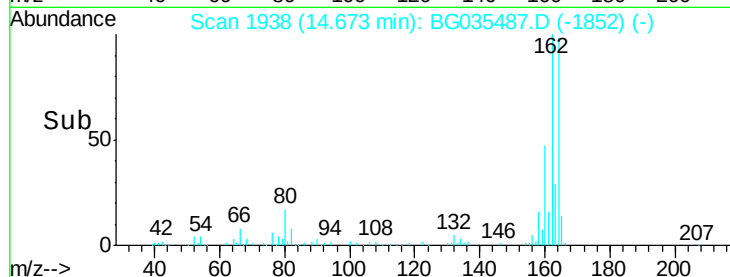
160 47.9 35.4 53.0



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: 125.125 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035487.D

Acq: 28 Jun 2018 20:55

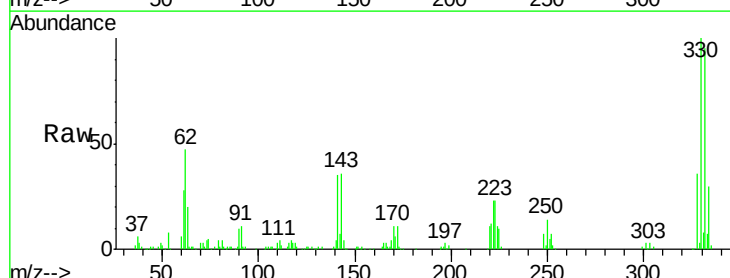
Tgt Ion:330 Resp: 154683

Ion Ratio Lower Upper

330 100

332 94.3 77.0 115.6

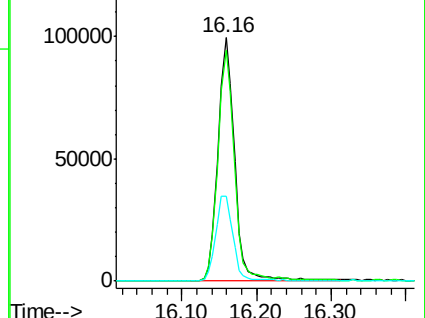
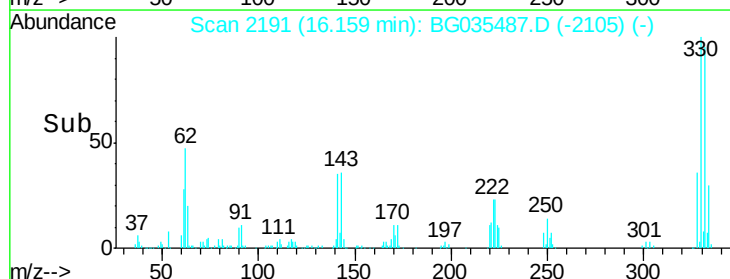
141 36.5 25.2 37.8

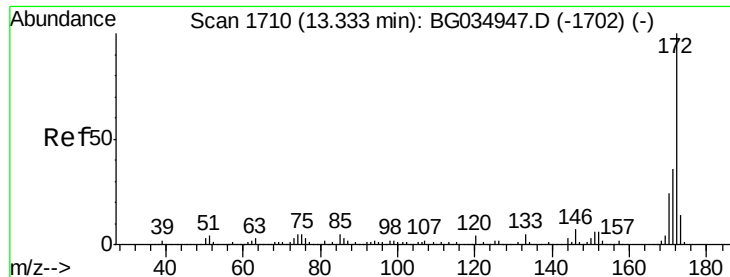


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

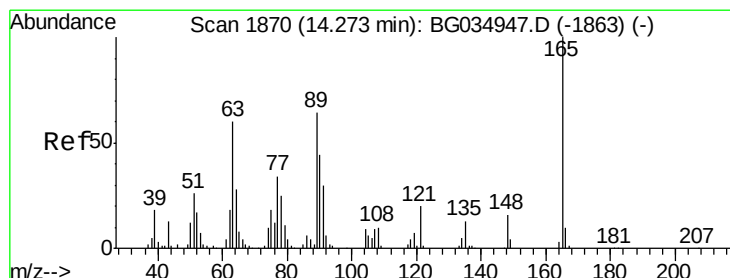
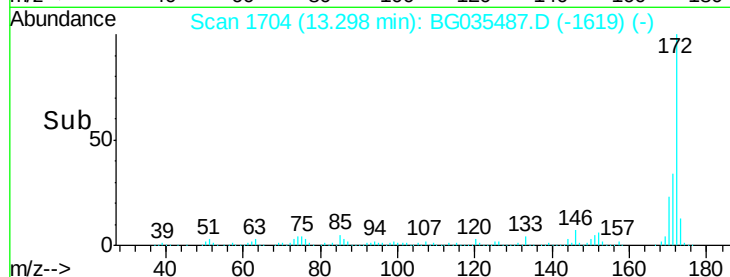
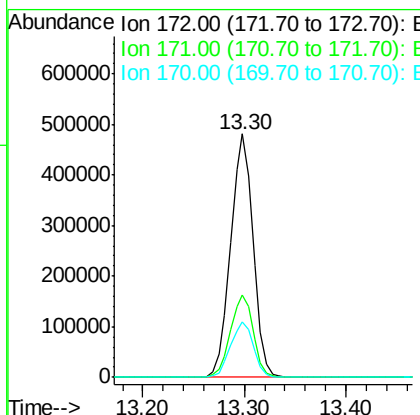
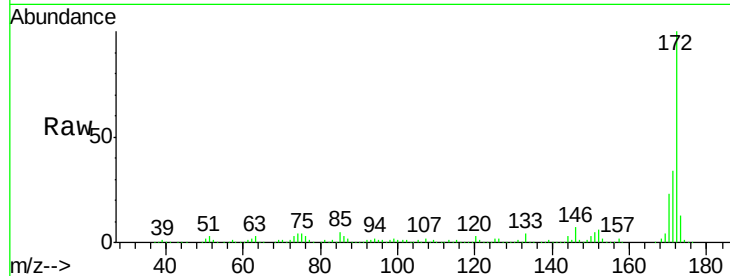




#44
 2-Fluorobiphenyl
 Concen: 99.377 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035487.D
 Acq: 28 Jun 2018 20:55

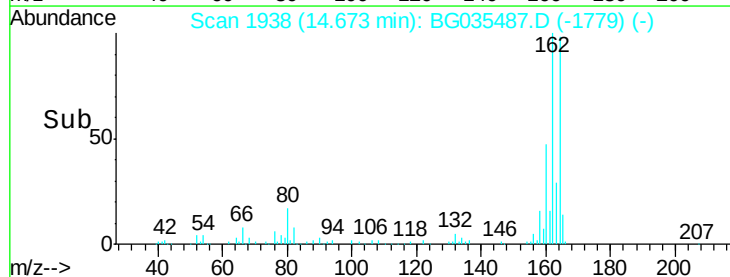
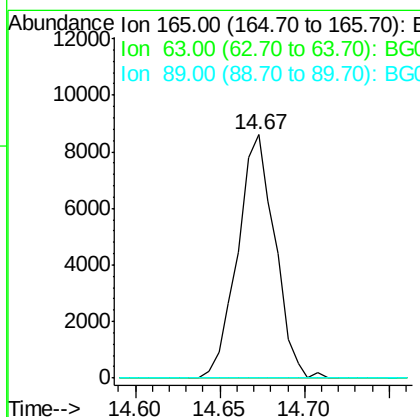
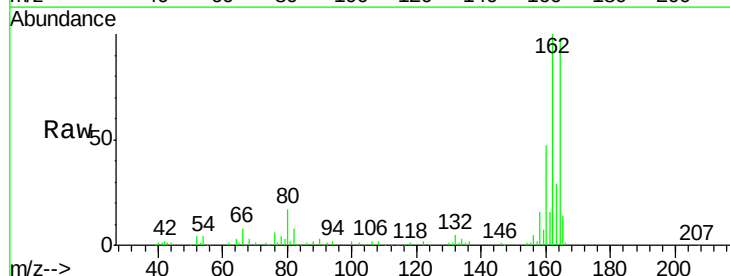
Instrument :
 BNA_G
 ClientSampleId :
 SS-CURB-CON

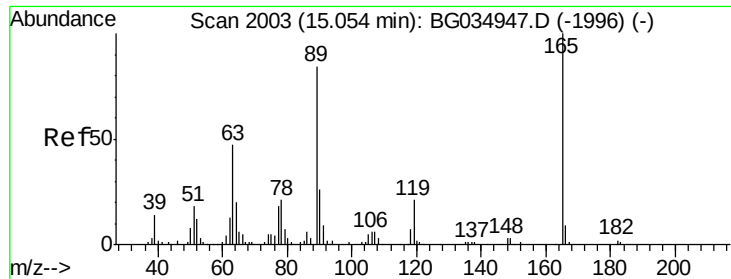
Tgt Ion:172 Resp: 738231
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.0 45.0
 170 22.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.562 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.40 min
 Lab File: BG035487.D
 Acq: 28 Jun 2018 20:55

Tgt Ion:165 Resp: 13154
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

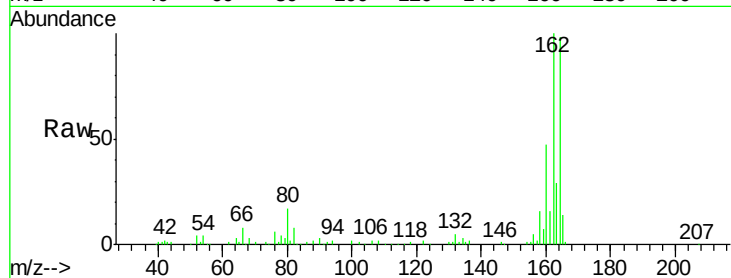




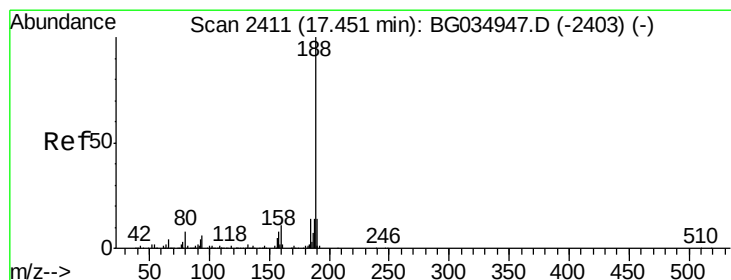
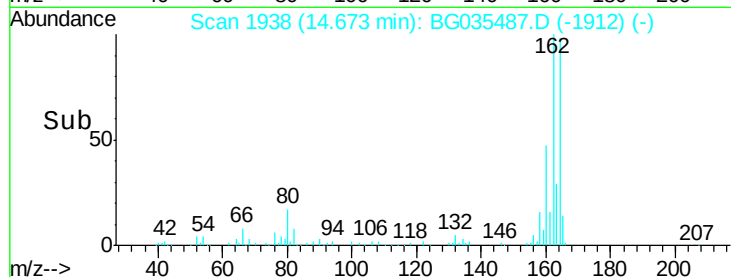
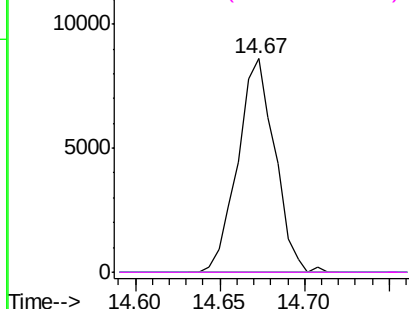
#56
 2,4-Dinitrotoluene
 Concen: 6.445 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035487.D
 Acq: 28 Jun 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SS-CURB-CON

Tgt Ion:165 Resp: 13154
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

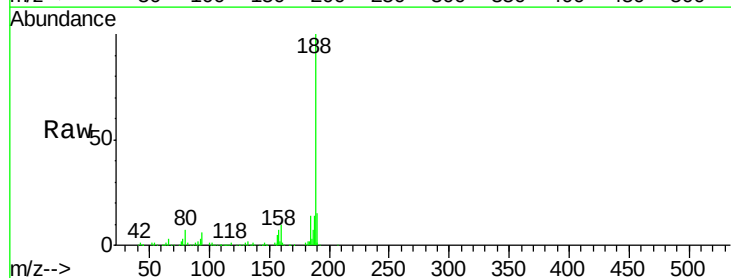


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

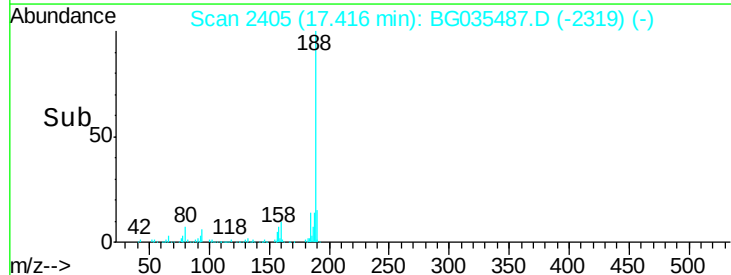
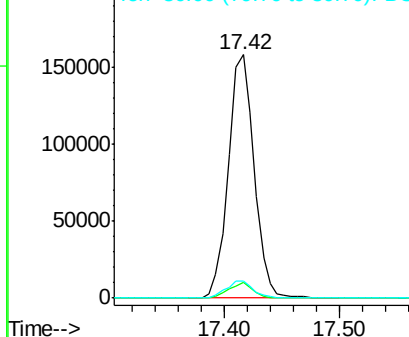


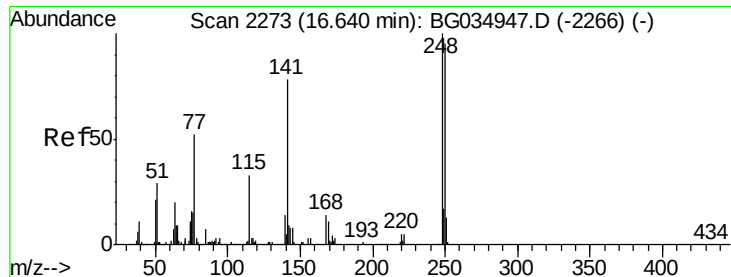
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035487.D
 Acq: 28 Jun 2018 20:55

Tgt Ion:188 Resp: 245475
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.1 7.7 11.5#



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

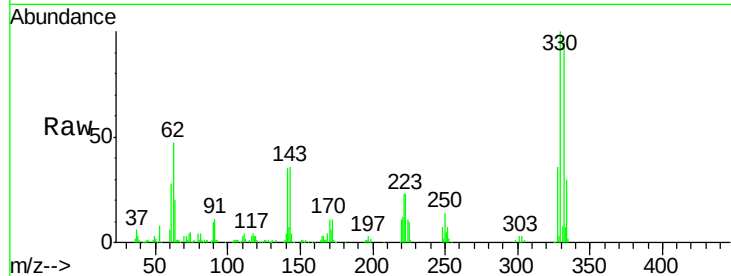




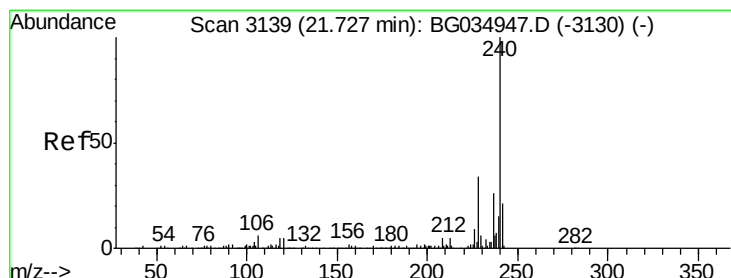
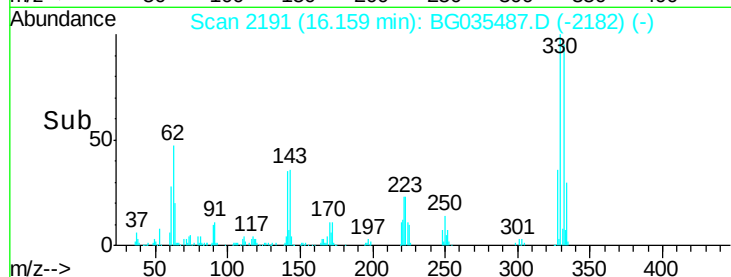
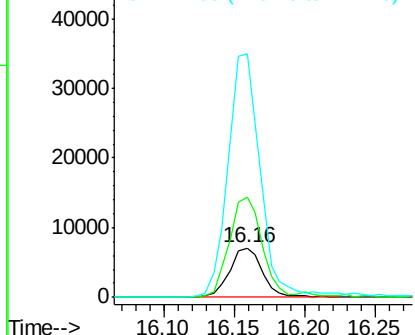
#66
 4-Bromophenyl-phenylether
 Concen: 3.909 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035487.D
 Acq: 28 Jun 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SS-CURB-CON

Tgt Ion:248 Resp: 11556
 Ion Ratio Lower Upper
 248 100
 250 203.7 77.1 115.7#
 141 494.3 50.8 76.2#

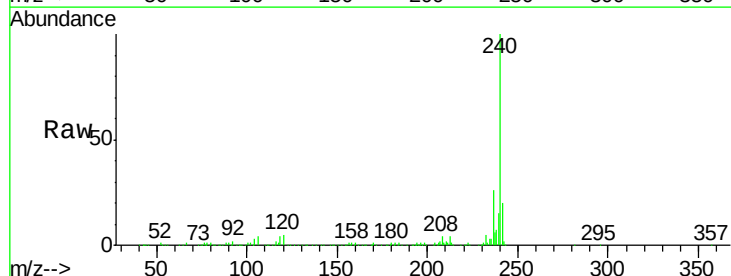


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

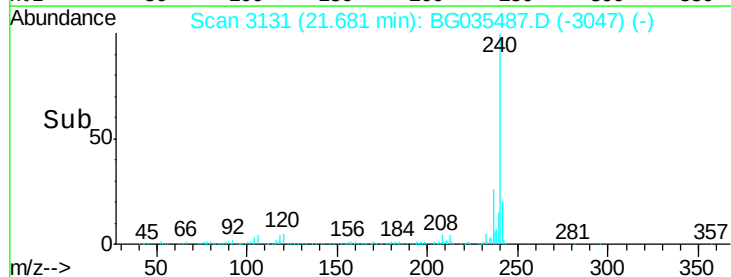
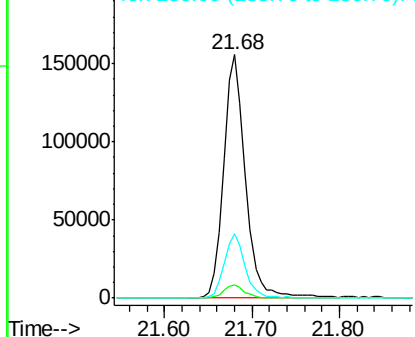


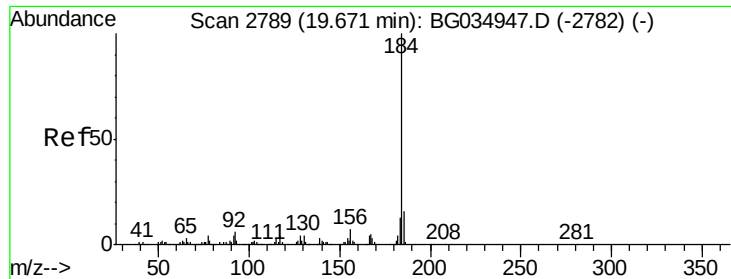
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035487.D
 Acq: 28 Jun 2018 20:55

Tgt Ion:240 Resp: 267645
 Ion Ratio Lower Upper
 240 100
 120 5.3 6.8 10.2#
 236 26.5 20.9 31.3



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: 2.168 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.35 min

Lab File: BG035487.D

Acq: 28 Jun 2018 20:55

Instrument :

BNA_G

ClientSampleId :

SS-CURB-CON

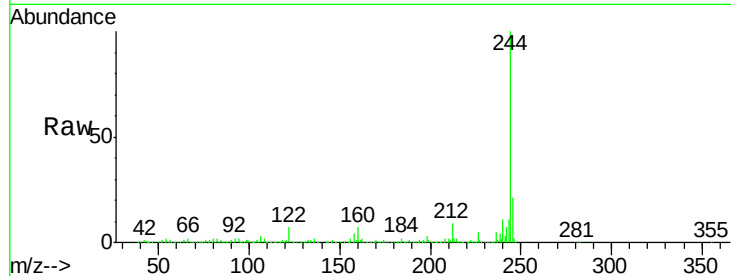
Tgt Ion:184 Resp: 21590

Ion Ratio Lower Upper

184 100

185 18.6 11.1 16.7#

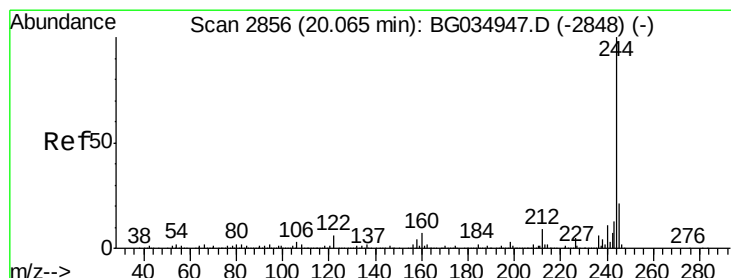
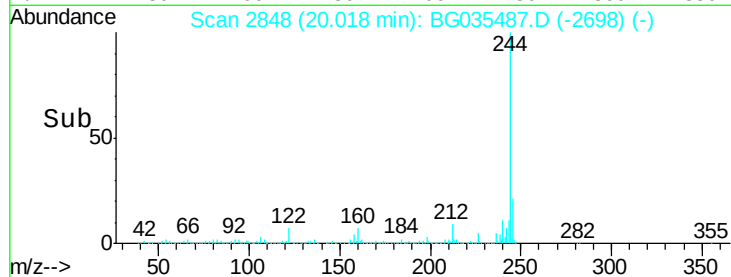
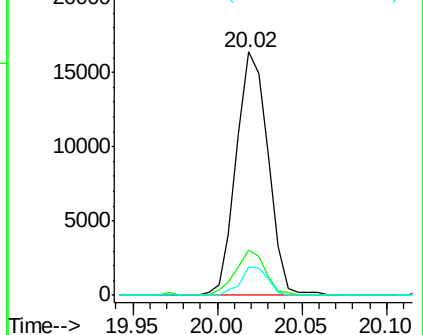
183 11.7 10.6 16.0



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: 103.829 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035487.D

Acq: 28 Jun 2018 20:55

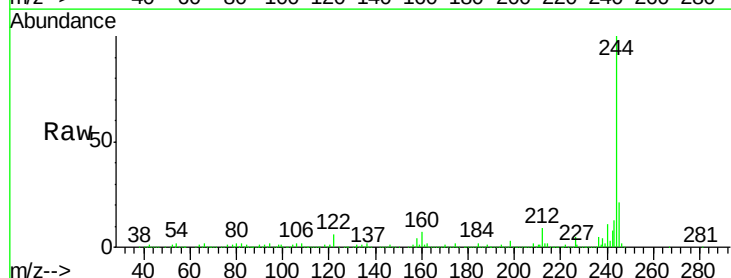
Tgt Ion:244 Resp: 1326659

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

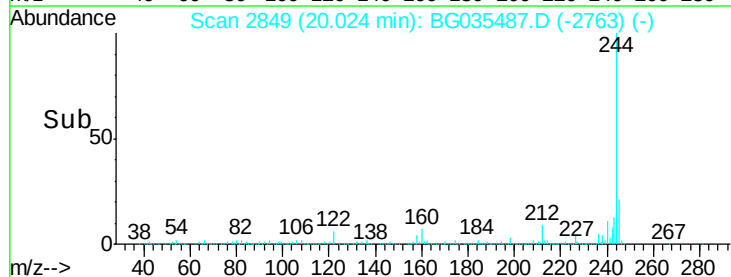
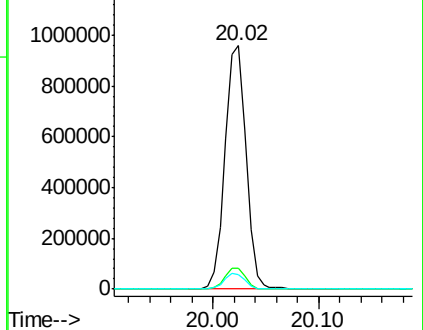
122 6.1 7.0 10.4#

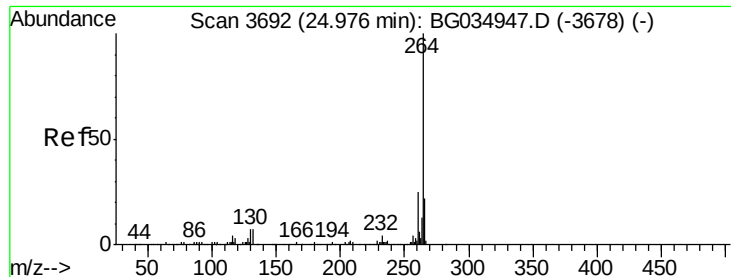


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



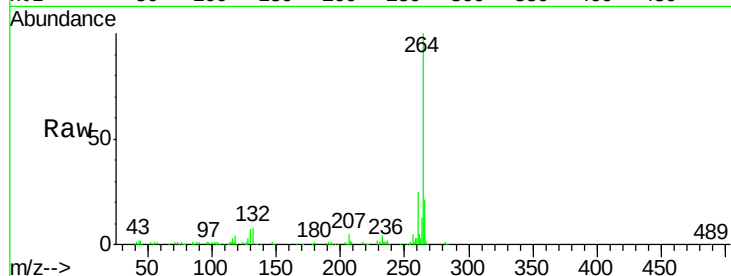


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035487.D
Acq: 28 Jun 2018 20:55

Instrument :
BNA_G
ClientSampleId :
SS-CURB-CON

Tgt Ion: 264 Resp: 207959

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	21.0	17.7	26.5



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

