

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034955.D
 Acq On : 7 Jun 2018 16:47
 Operator : SJ/JU
 Sample : PB110027BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 08 04:31:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

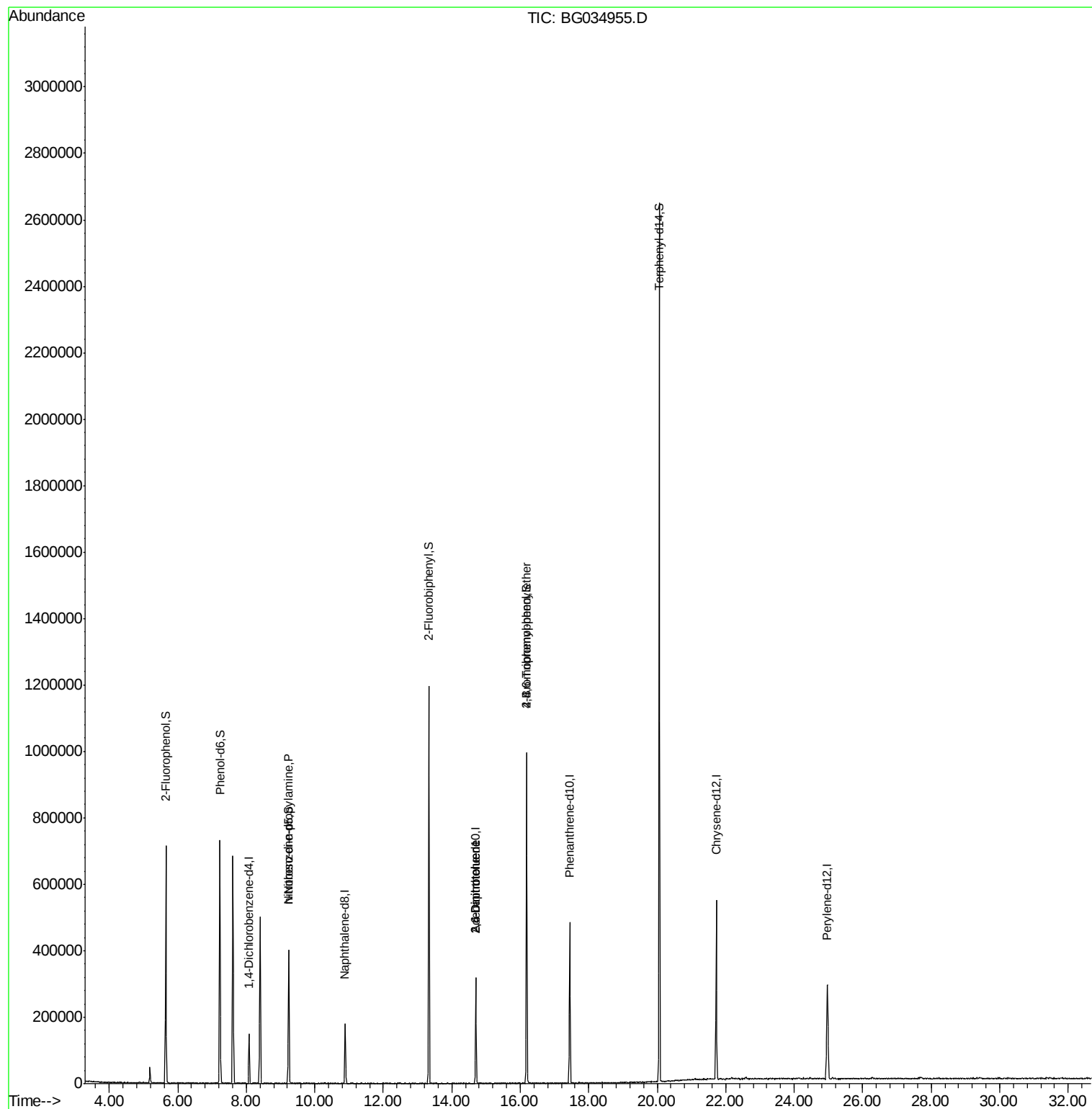
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40020	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	147409	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	105562	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	293898	20.00	ng	0.00
75) Chrysene-d12	21.72	240	327472	20.00	ng	0.00
86) Perylene-d12	24.96	264	318363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	275997	116.39	ng	0.00
7) Phenol-d6	7.23	99	408251	116.64	ng	0.00
23) Nitrobenzene-d5	9.24	82	251638	81.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	175276	129.71	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	616813	75.96	ng	0.00
78) Terphenyl-d14	20.06	244	1227800	78.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	35558	11.96	ng	# 73
50) 2,6-Dinitrotoluene	14.70	165	13744	8.18	ng	# 21
56) 2,4-Dinitrotoluene	14.70	165	13744	6.16	ng	# 18
66) 4-Bromophenyl-phenylether	16.19	248	14143	4.00	ng	# 1

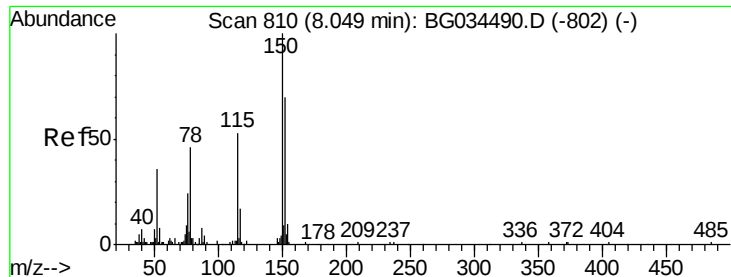
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG034955.D

Acq: 7 Jun 2018 16:47

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SSTDCCC040

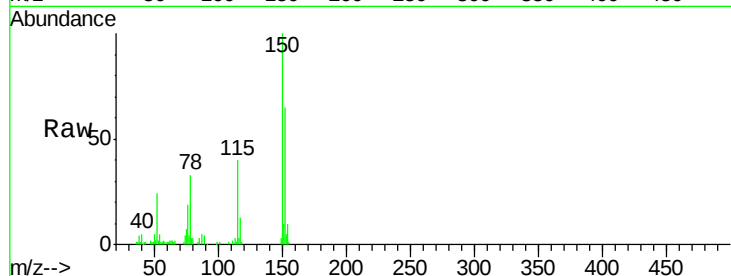
Tot Ion:152 Resp: 40020

Ion Ratio Lower Upper

152 100

150 153.5 126.6 189.8

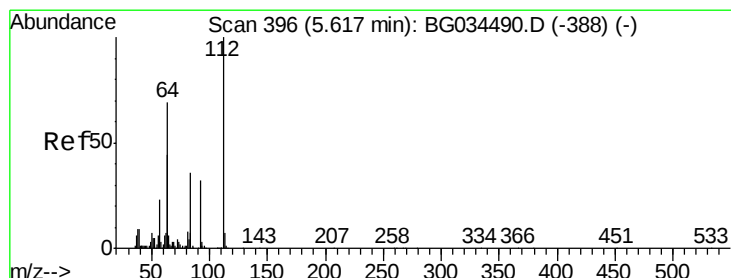
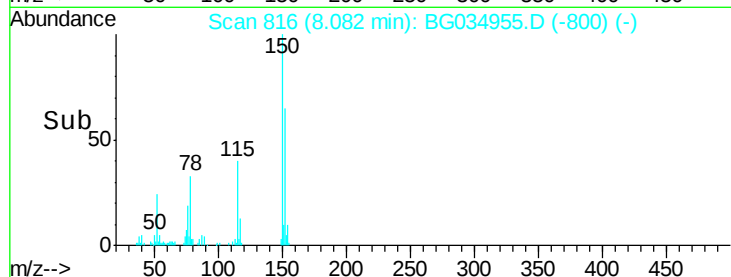
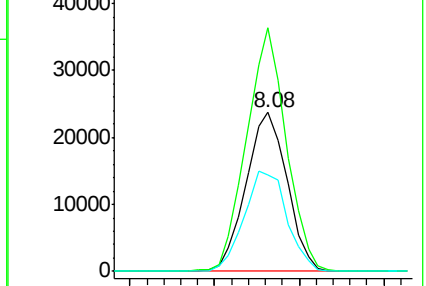
115 60.8 53.0 79.4



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: 116.39 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG034955.D

Acq: 7 Jun 2018 16:47

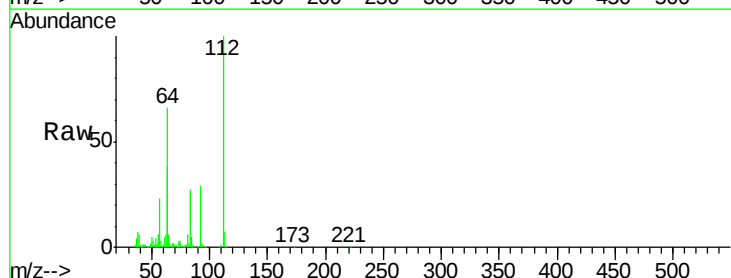
Tgt Ion:112 Resp: 275997

Ion Ratio Lower Upper

112 100

64 66.2 56.3 84.5

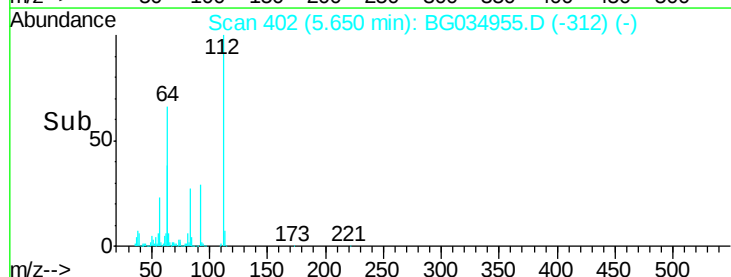
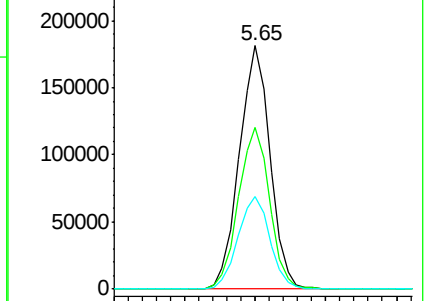
63 38.0 30.1 45.1

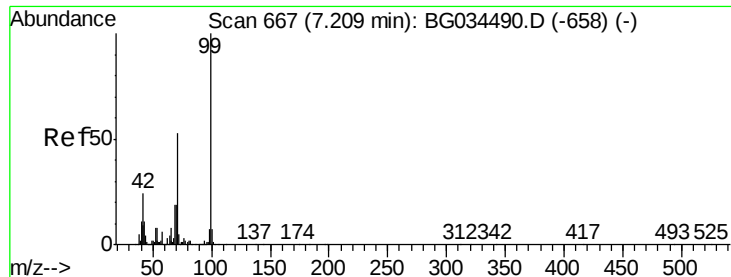


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.64 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034955.D

Acq: 7 Jun 2018 16:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

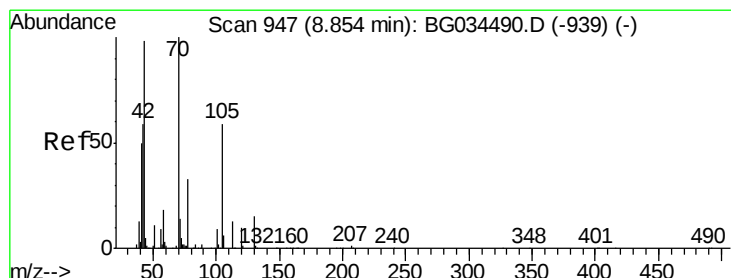
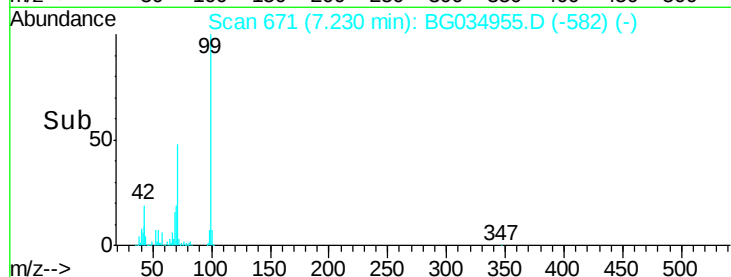
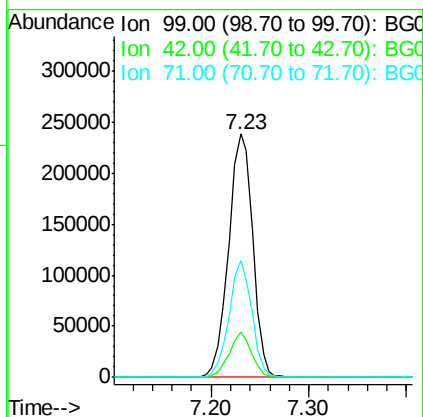
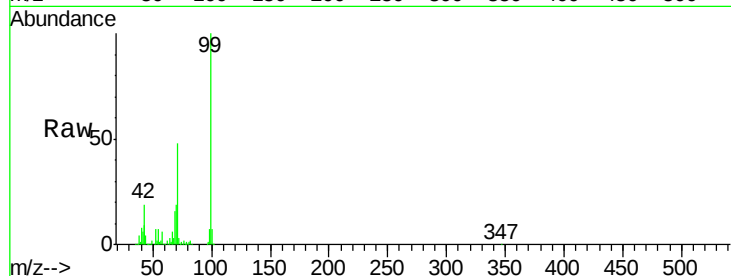
Tot Ion: 99 Resp: 408251

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 48.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 11.96 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.34 min

Lab File: BG034955.D

Acq: 7 Jun 2018 16:47

Tgt Ion: 70 Resp: 35558

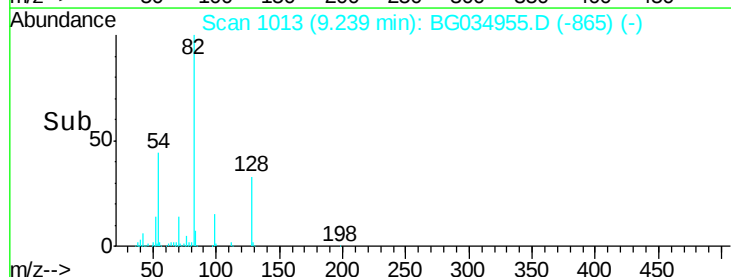
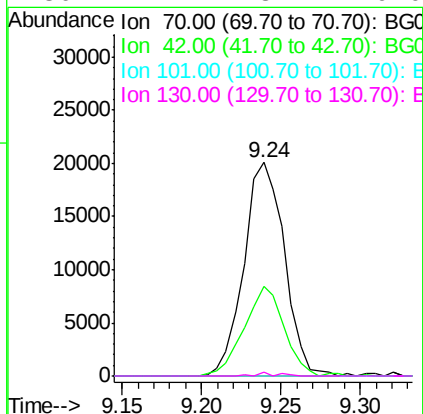
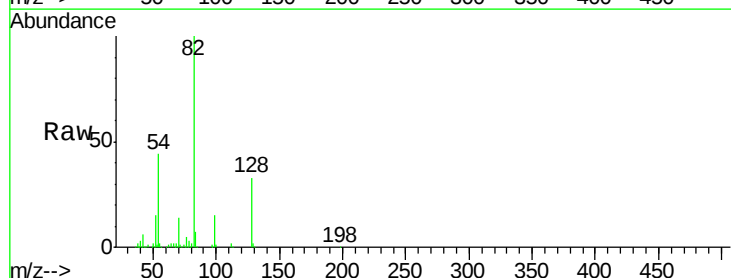
Ion Ratio Lower Upper

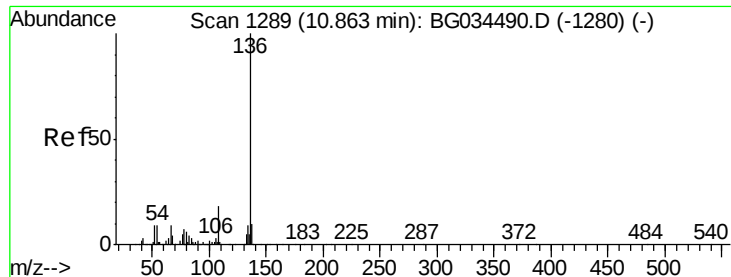
70 100

42 42.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

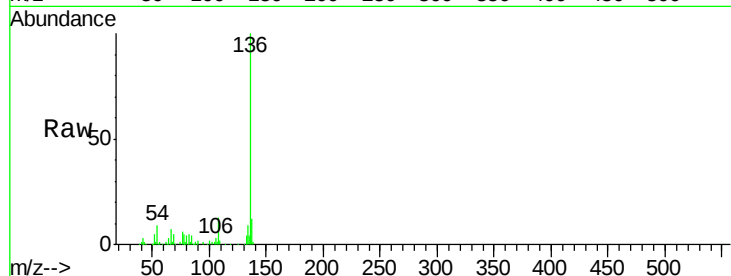




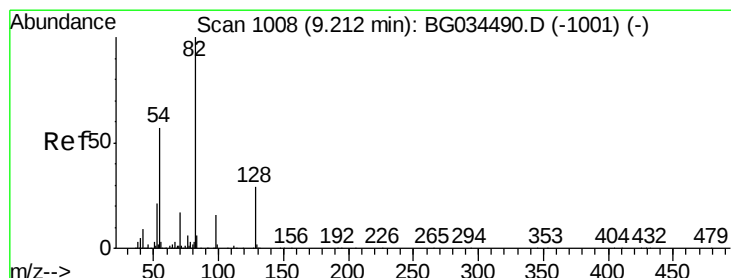
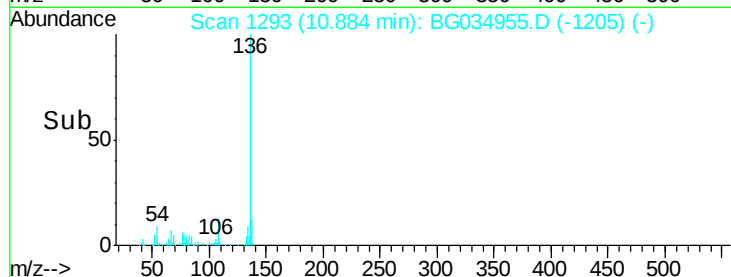
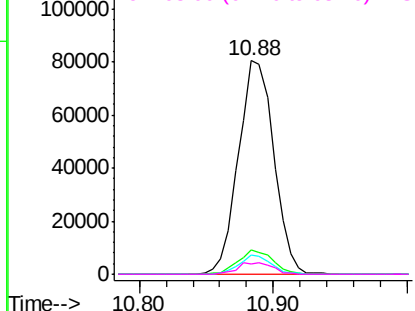
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	147409
Ion Ratio	Lower	Upper
136 100		
137 11.7	9.2	13.8
54 9.1	10.3	15.5#
68 4.6	4.5	6.7

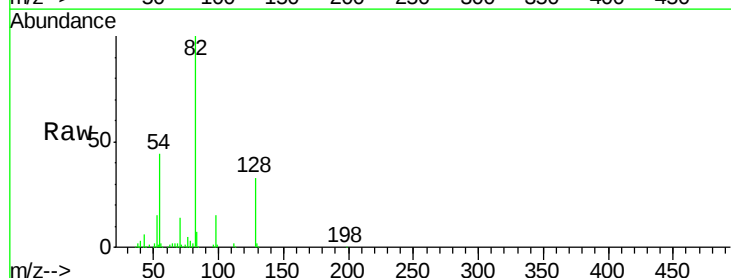


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

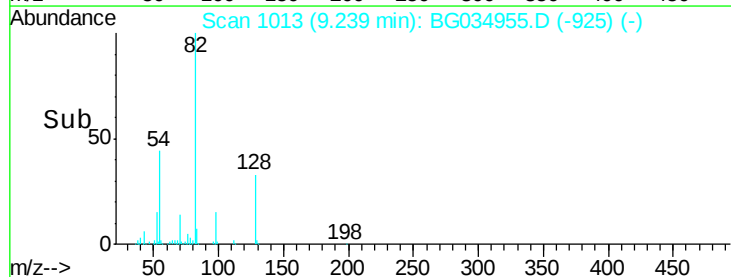
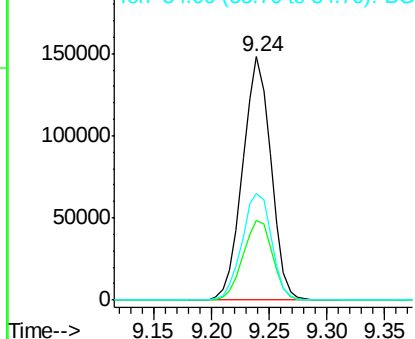


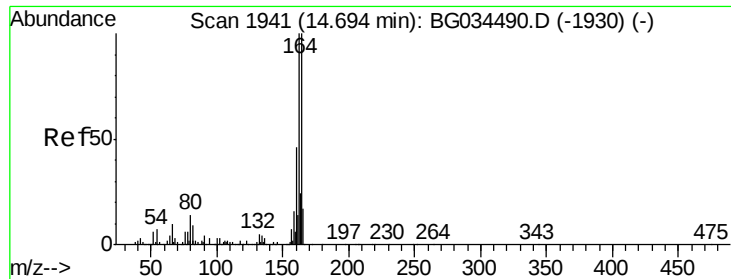
#23
Nitrobenzene-d5
Concen: 81.14 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

Tgt Ion: 82	Resp: 251638
Ion Ratio	Lower Upper
82 100	
128 32.9	29.7 44.5
54 43.8	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG034955.D

Acq: 7 Jun 2018 16:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

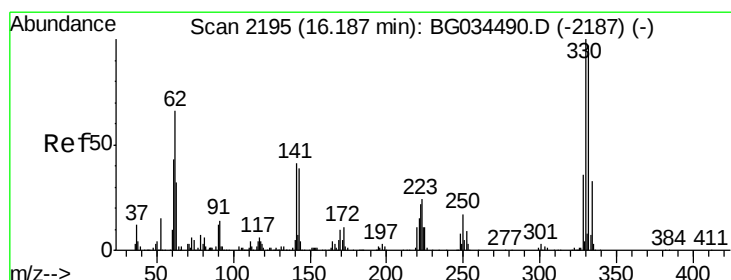
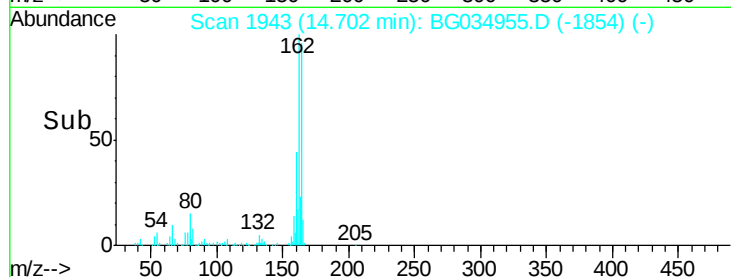
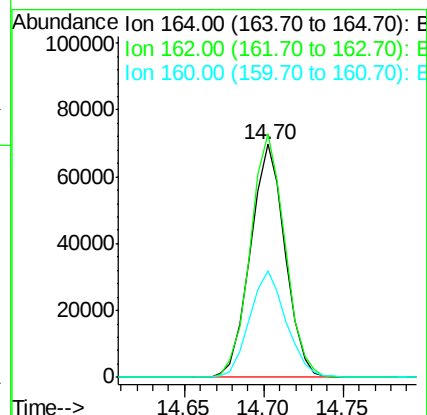
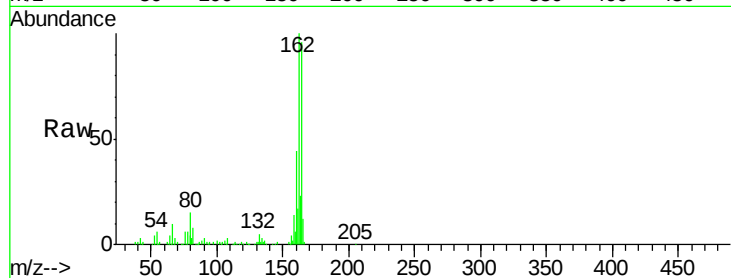
Tot Ion:164 Resp: 105562

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

160 45.7 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 129.71 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG034955.D

Acq: 7 Jun 2018 16:47

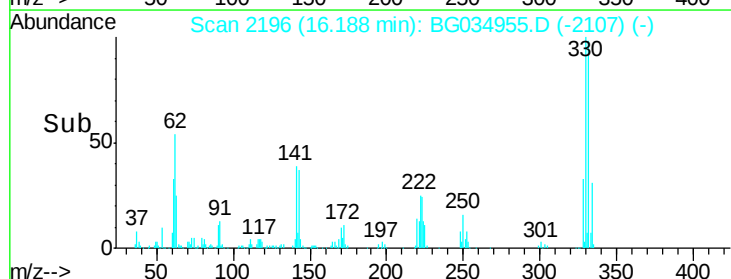
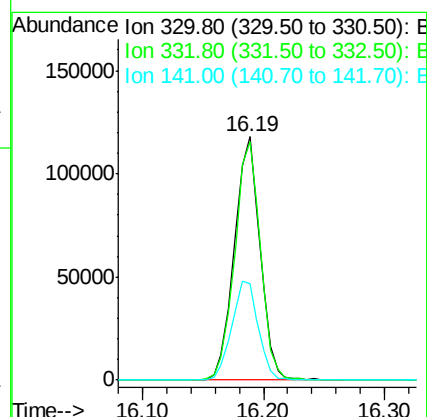
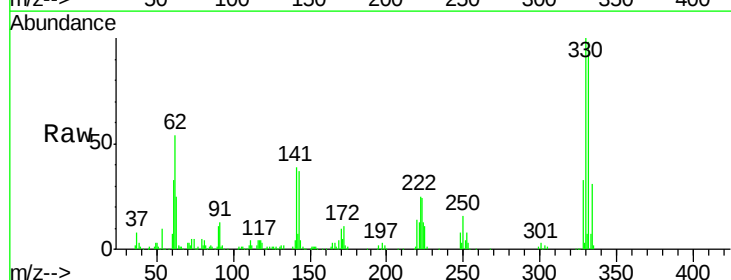
Tgt Ion:330 Resp: 175276

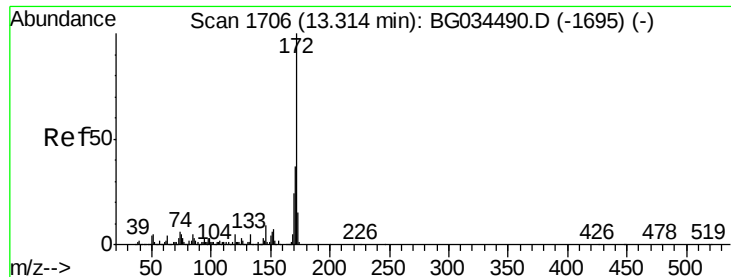
Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

141 41.9 25.2 37.8#

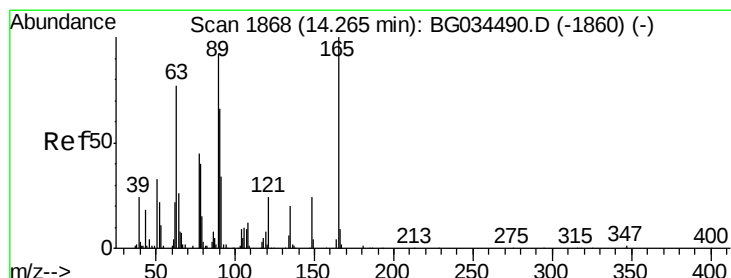
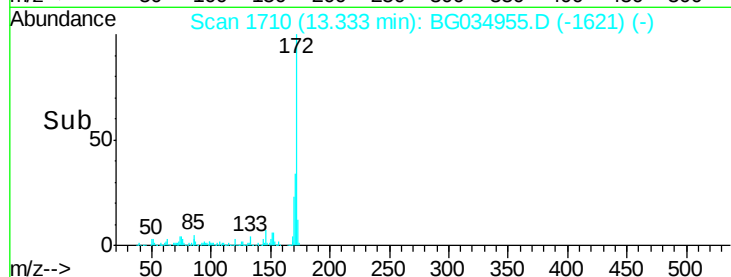
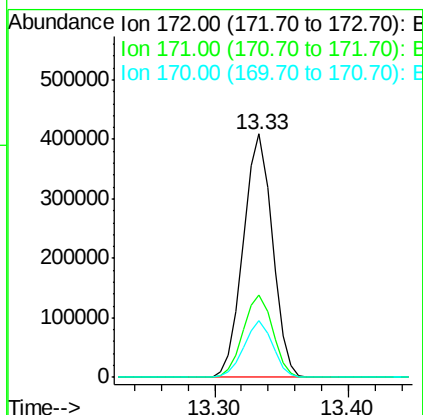
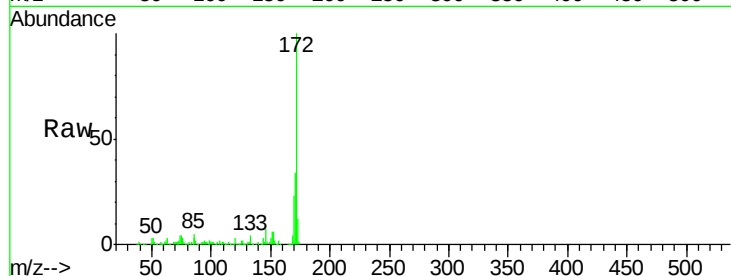




#44
2-Fluorobiphenyl
Concen: 75.96 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

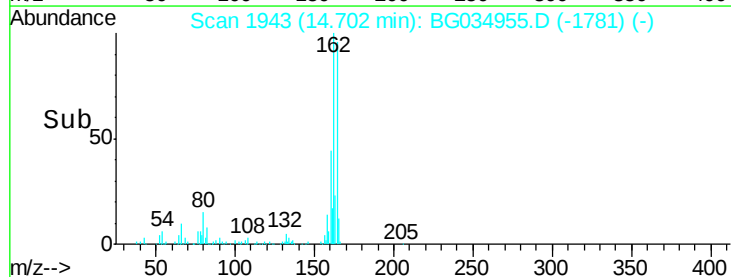
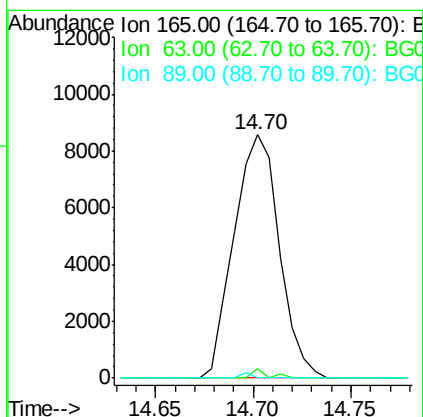
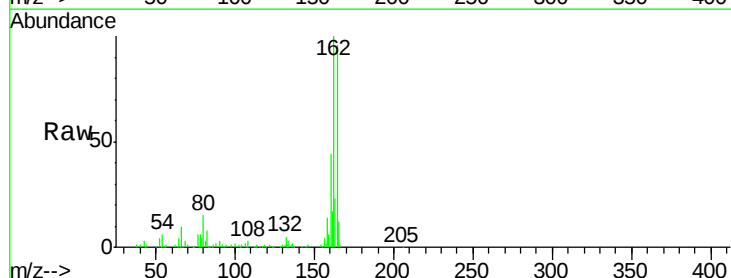
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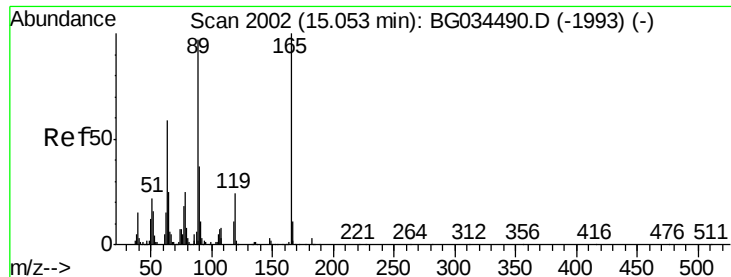
Tot Ion:172 Resp: 616813
Ion Ratio Lower Upper
172 100
171 33.8 30.0 45.0
170 23.3 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.42 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

Tgt Ion:165 Resp: 13744
Ion Ratio Lower Upper
165 100
63 3.9 52.7 79.1#
89 0.0 49.2 73.8#

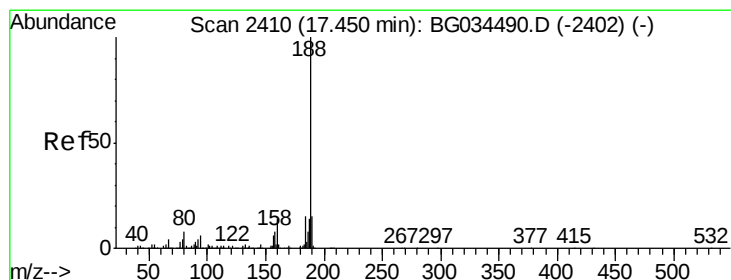
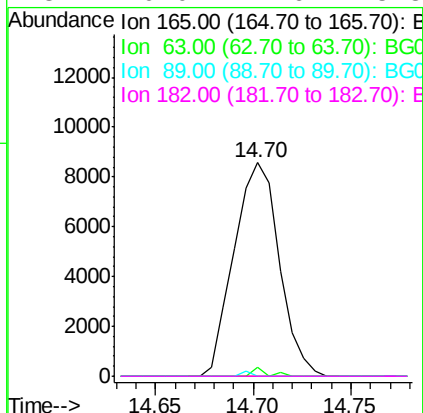
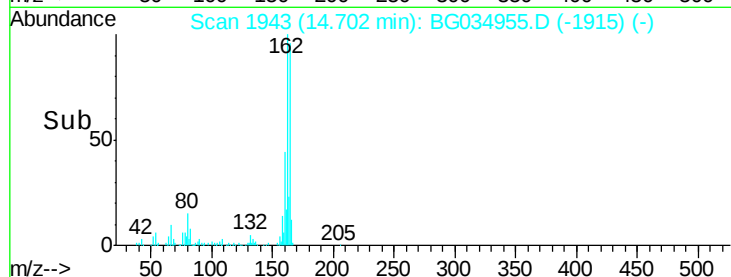
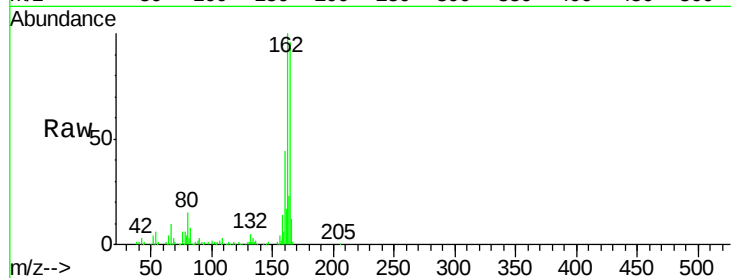




#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.36 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

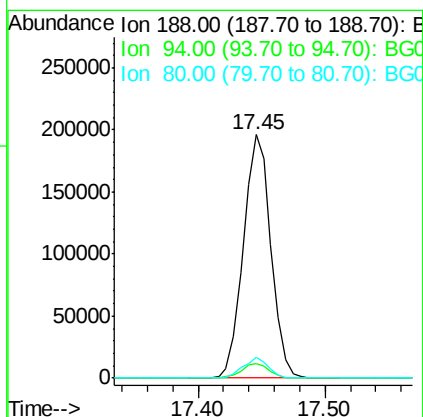
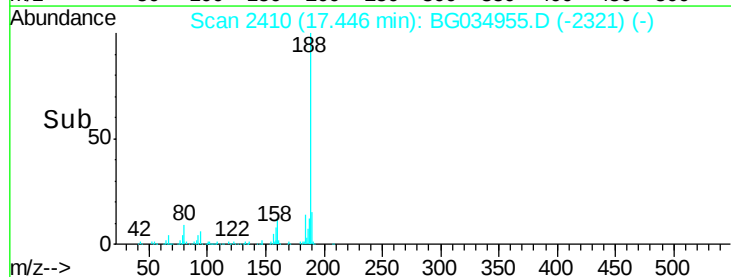
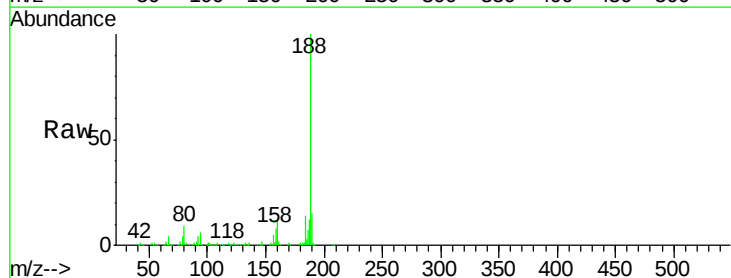
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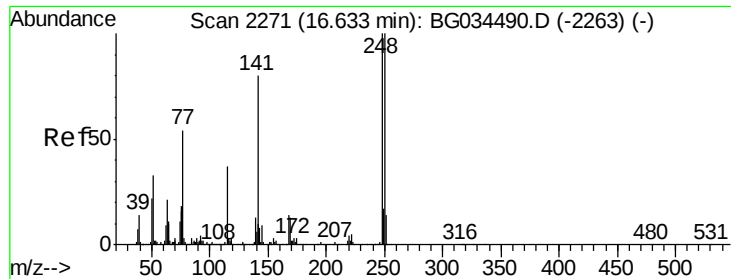
Tot Ion:165 Resp: 13744
Ion Ratio Lower Upper
165 100
63 3.9 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

Tgt Ion:188 Resp: 293898
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 8.6 7.7 11.5

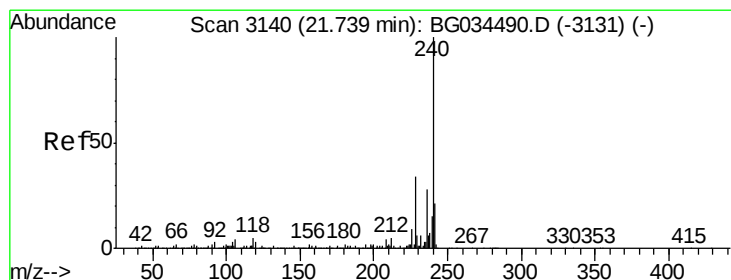
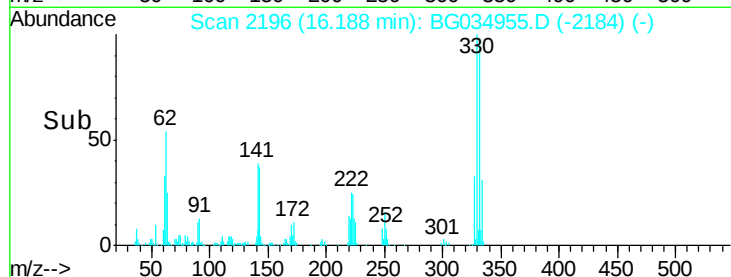
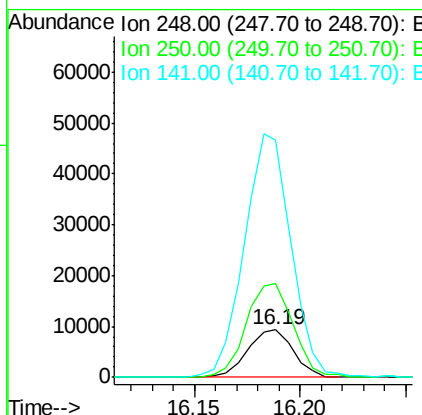
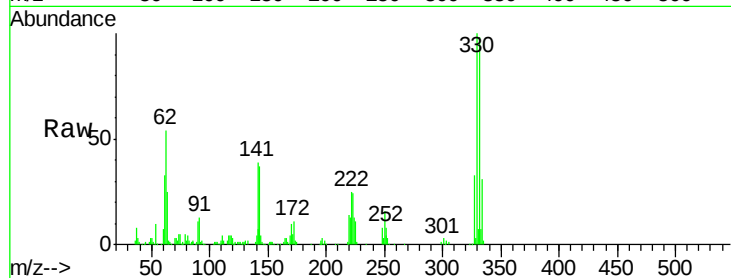




#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.46 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

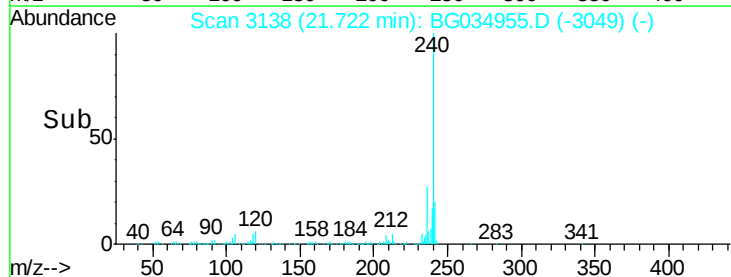
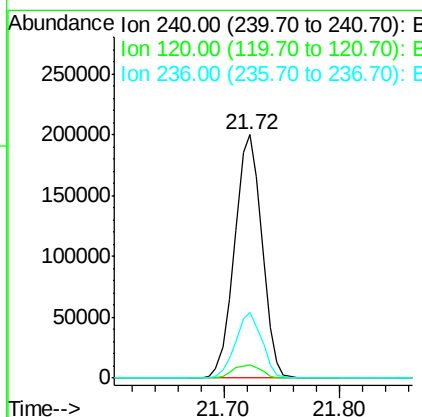
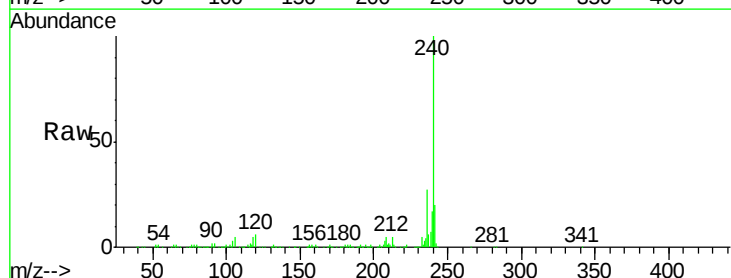
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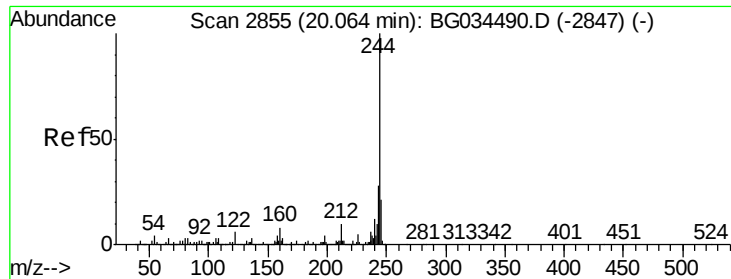
Tot Ion:248 Resp: 14143
Ion Ratio Lower Upper
248 100
250 198.2 77.1 115.7#
141 497.8 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

Tgt Ion:240 Resp: 327472
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 78.54 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG034955.D

Acq: 7 Jun 2018 16:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

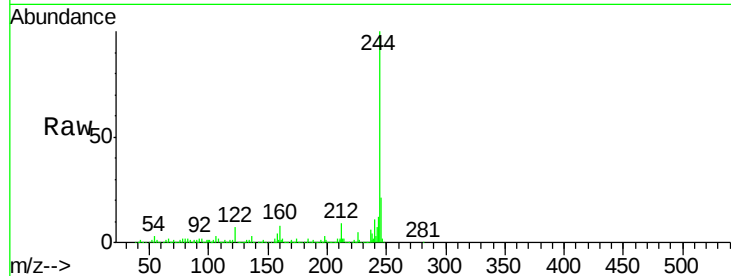
Tot Ion:244 Resp: 1227800

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

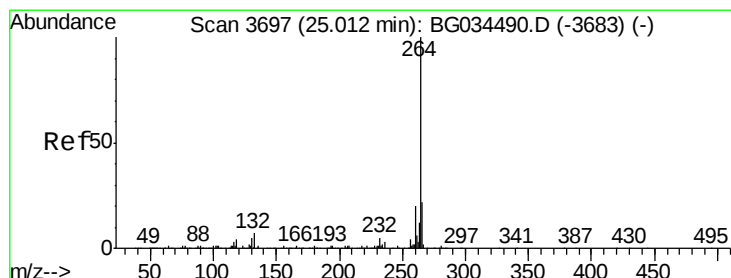
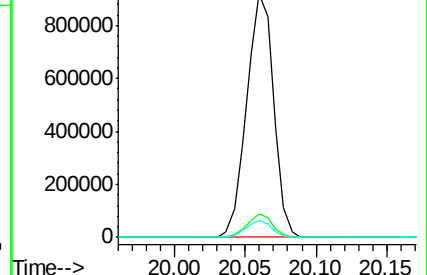
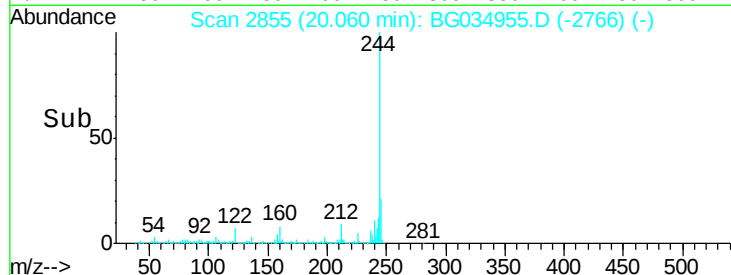
122 7.0 7.0 10.4



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: 20.00 ng

RT: 24.96 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG034955.D

Acq: 7 Jun 2018 16:47

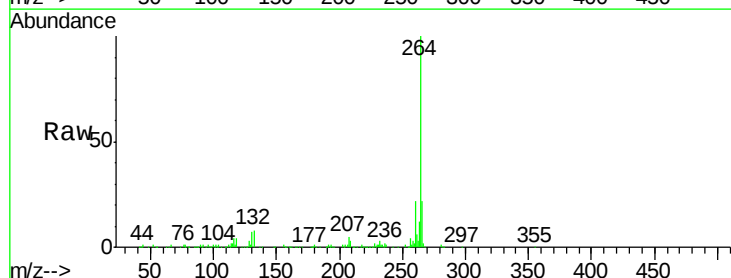
Tgt Ion:264 Resp: 318363

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.8 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

