

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 :

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

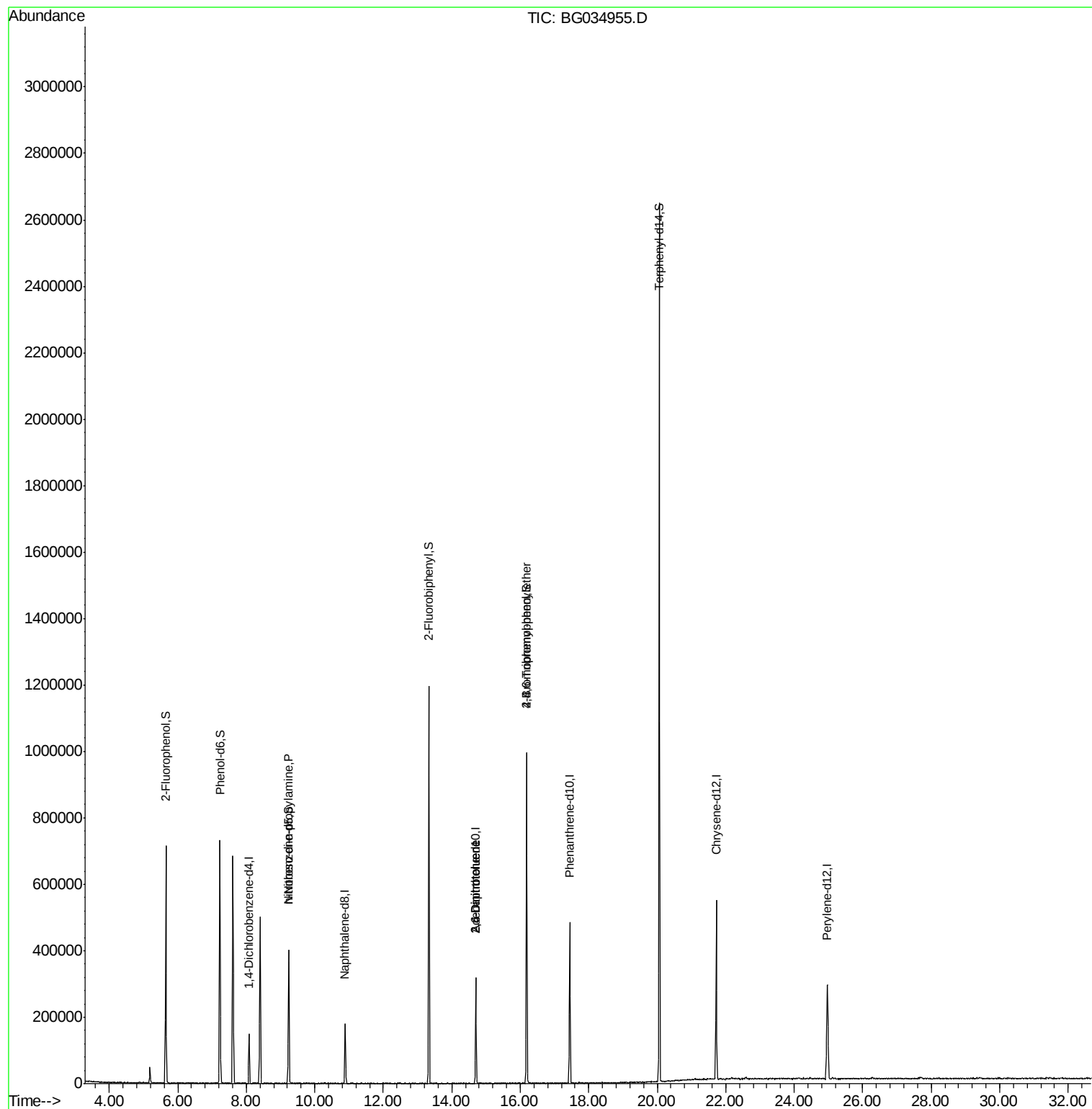
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40020	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	147409	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	105562	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	293898	20.00	ng	0.00
75) Chrysene-d12	21.72	240	327472	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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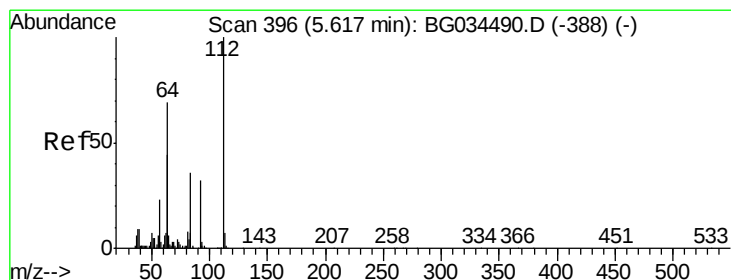
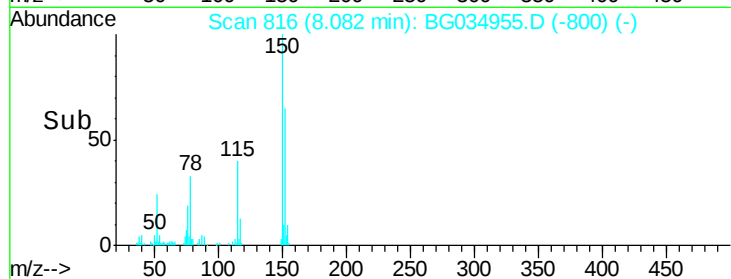
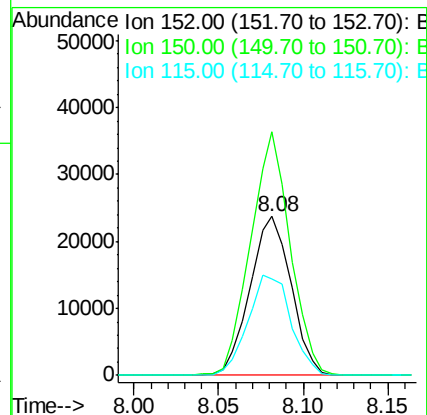
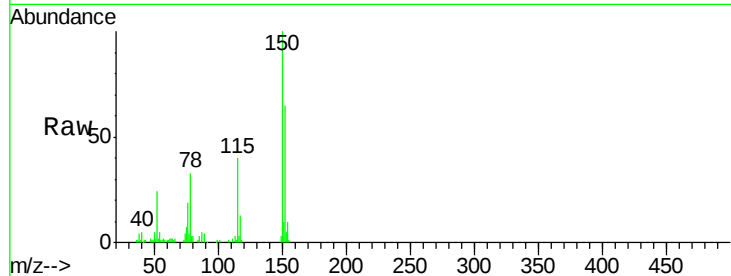


#1

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

Instrument :
BNA_G
ClientSampled :

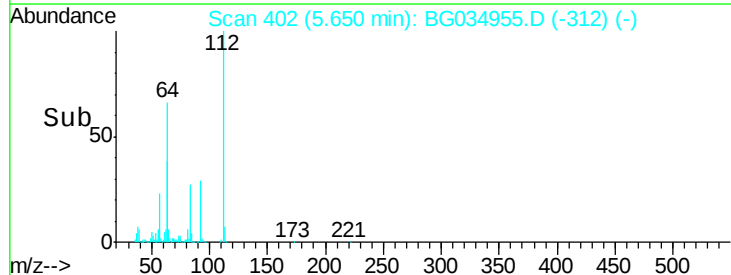
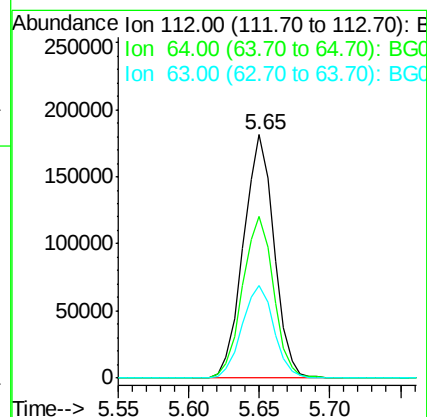
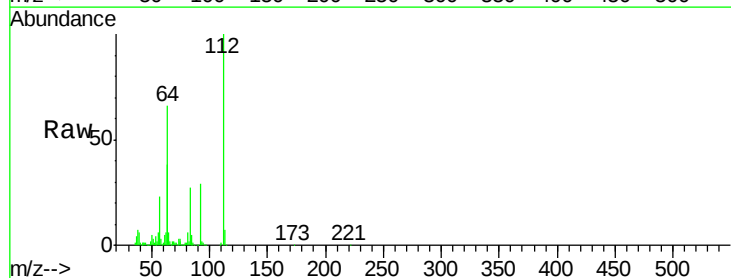
Tot Ion:152 Resp: 40020
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 60.8 53.0 79.4



#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





#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 :

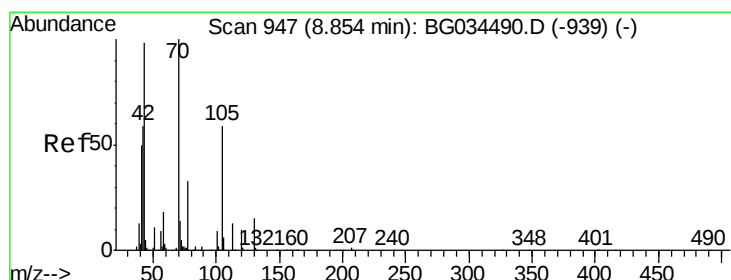
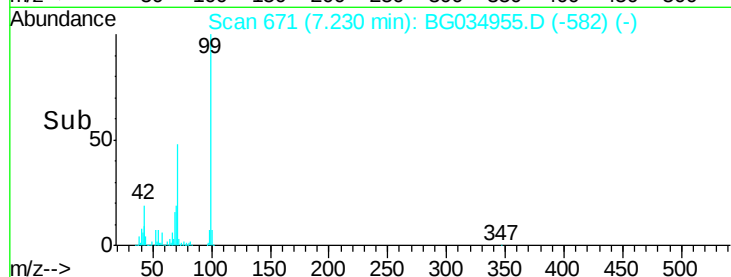
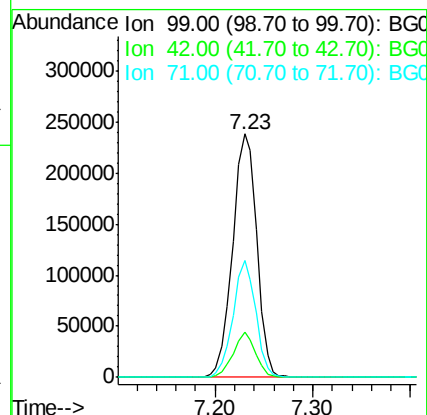
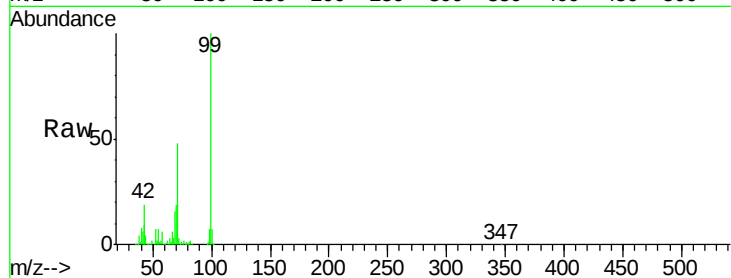
Tot Ion: 99 Resp: 408251

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

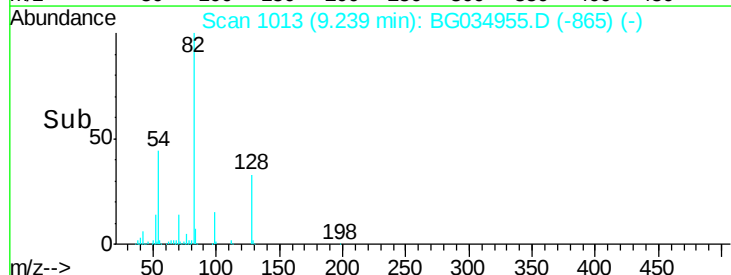
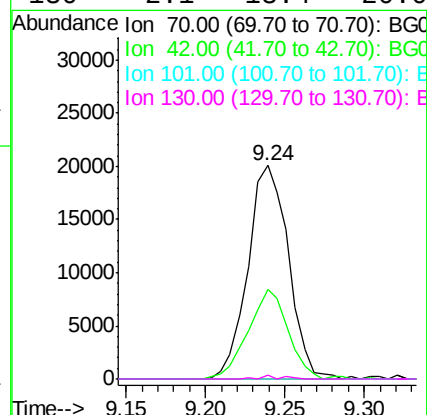
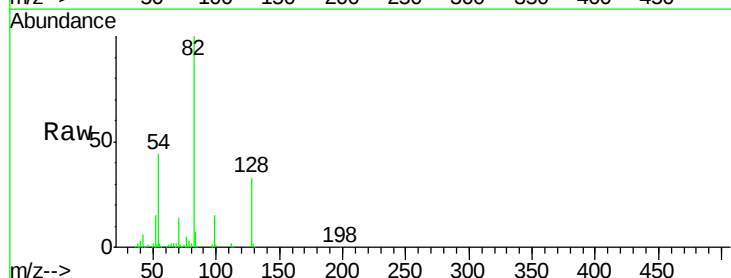
Ion Ratio Lower Upper

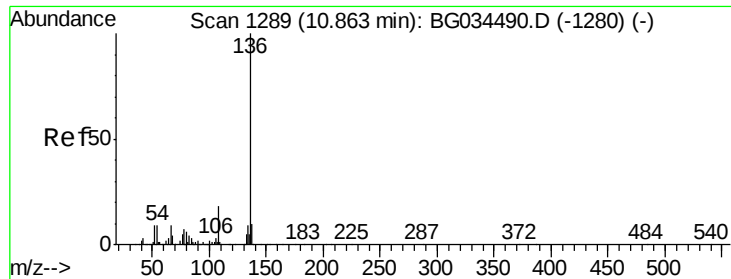
70 100

42 42.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

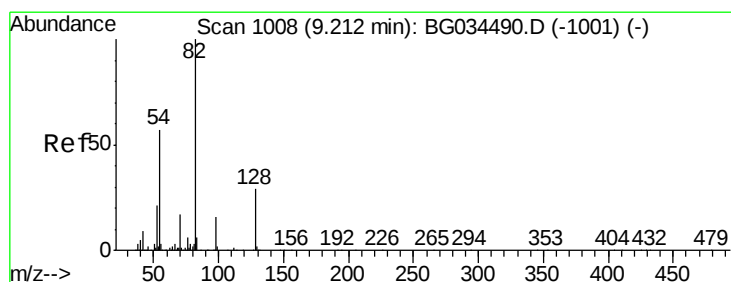
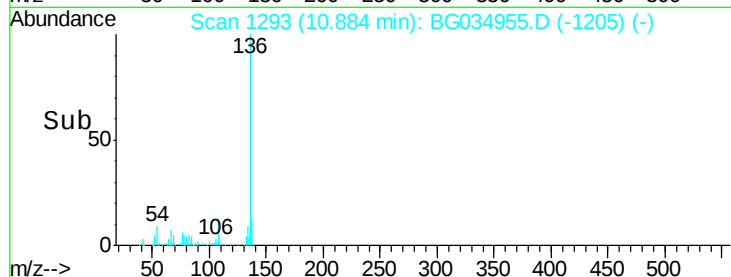
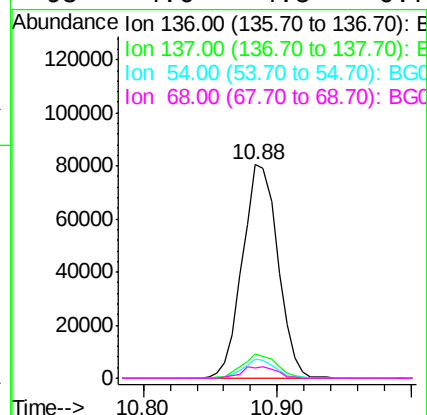
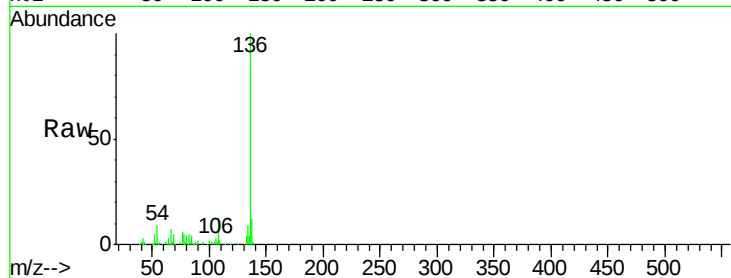




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

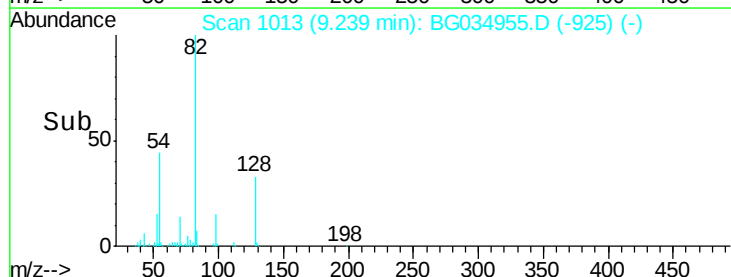
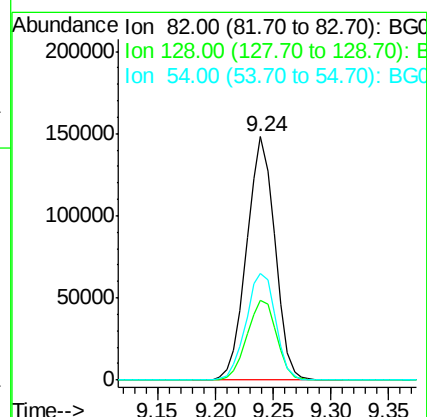
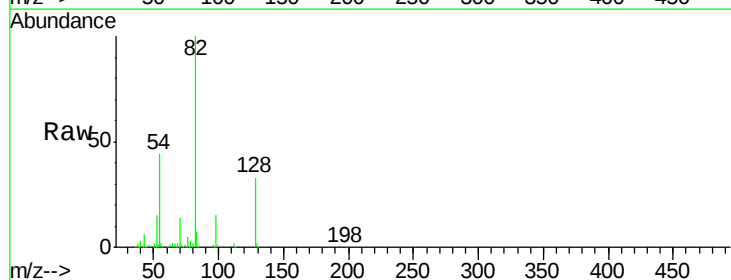
Instrument :
BNA_G
ClientSampleId :

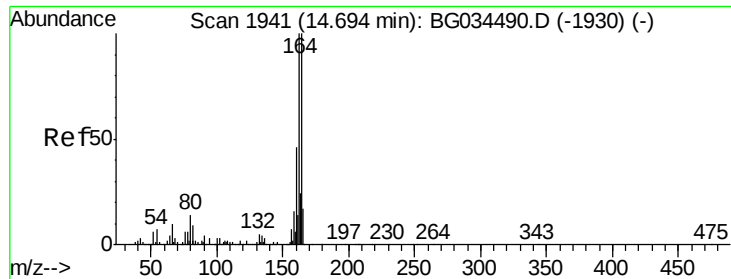
Tot Ion:	136	Resp:	147409
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	9.1	10.3	15.5
68	4.6	4.5	6.7



#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





#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 :

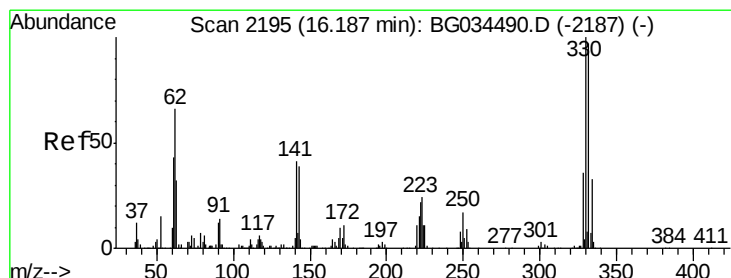
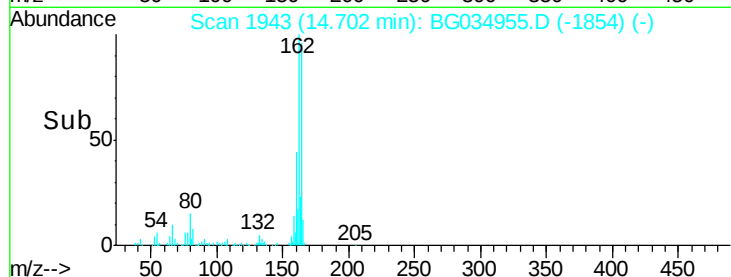
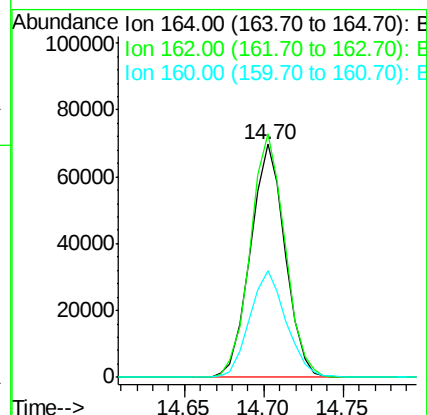
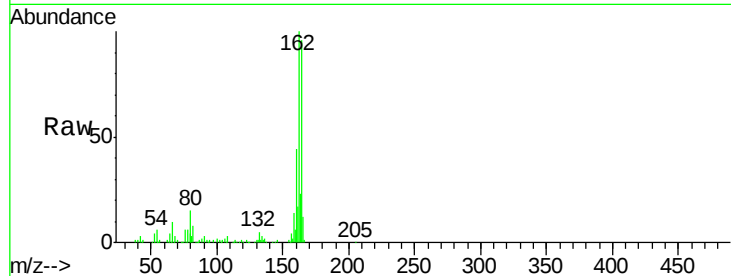
Tot Ion:164 Resp: 105562

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

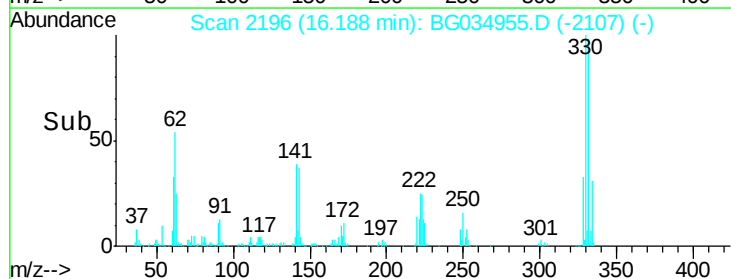
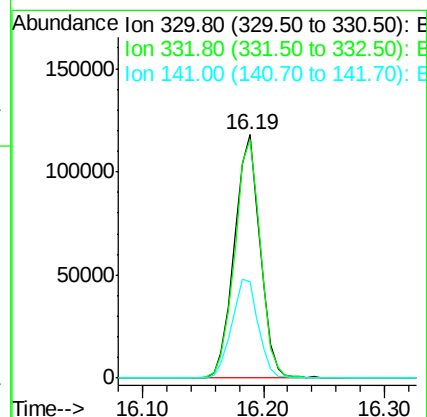
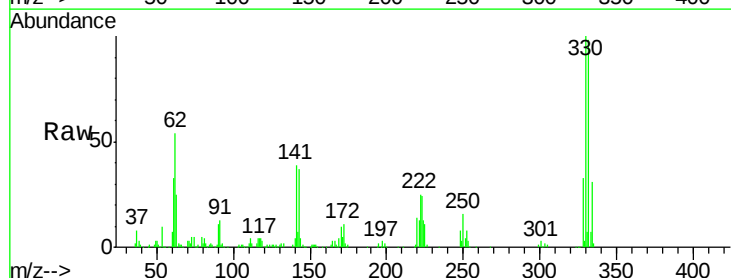
Tgt Ion:330 Resp: 175276

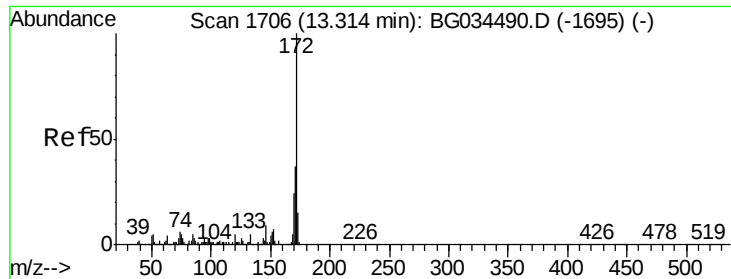
Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

141 41.9 25.2 37.8#



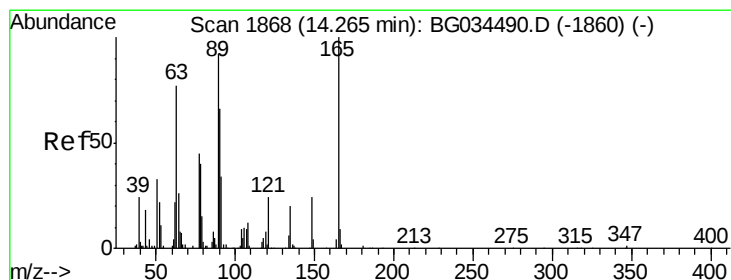
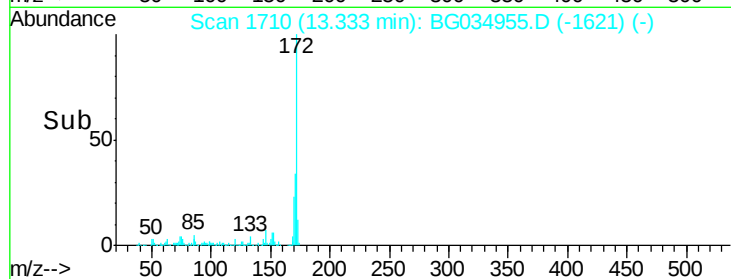
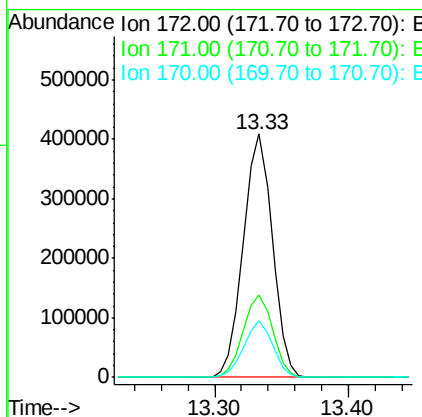
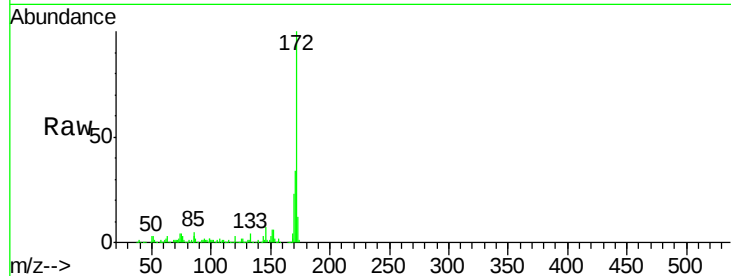


#44
 2-Fluorobiphenyl
 Concen: 75.96 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034955.D
 Acq: 7 Jun 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 616813

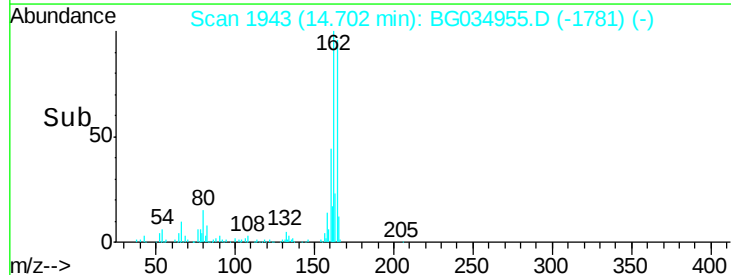
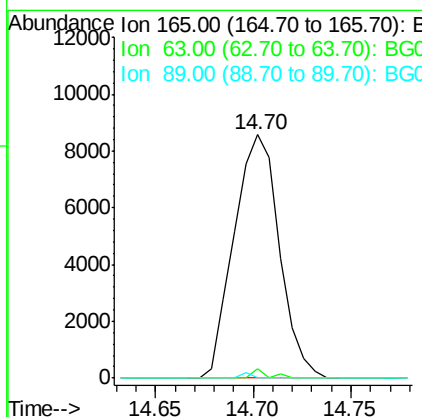
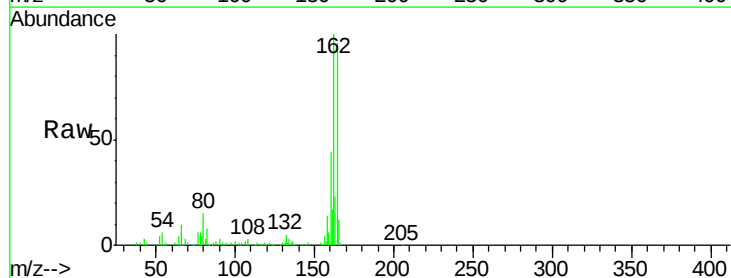
Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.3	19.5	29.3

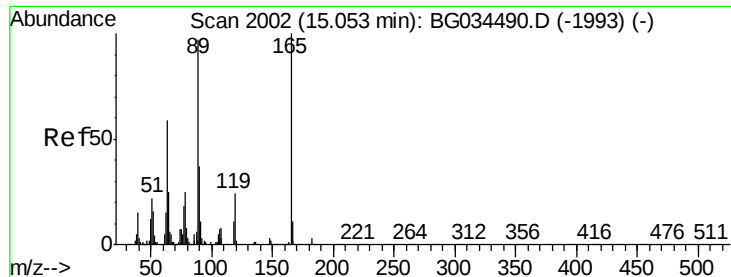


#50
 2,6-Dinitrotoluene
 Concen: 8.18 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.42 min
 Lab File: BG034955.D
 Acq: 7 Jun 2018 16:47

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#

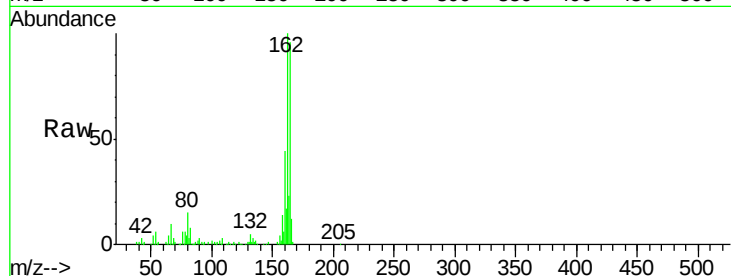




#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.36 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

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#

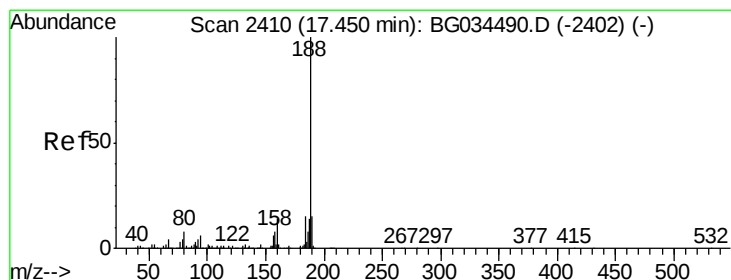
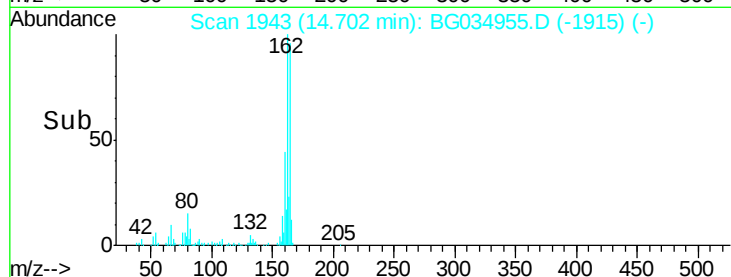
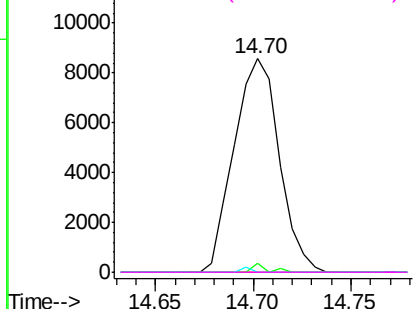


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

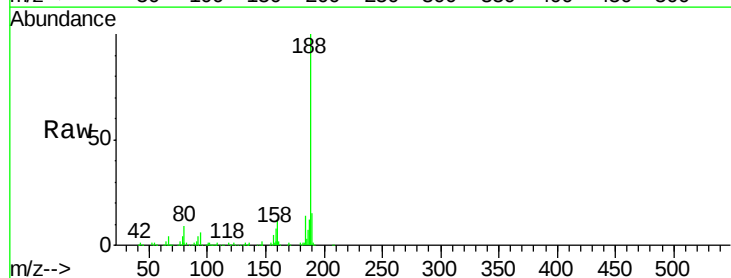
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



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

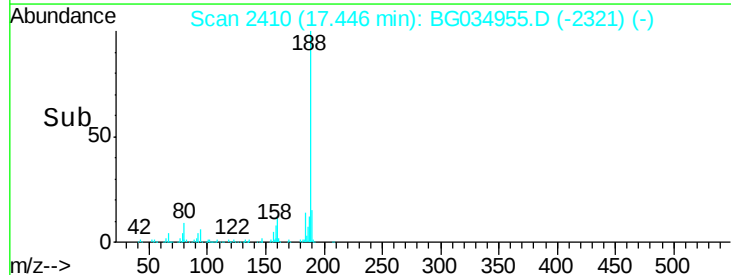
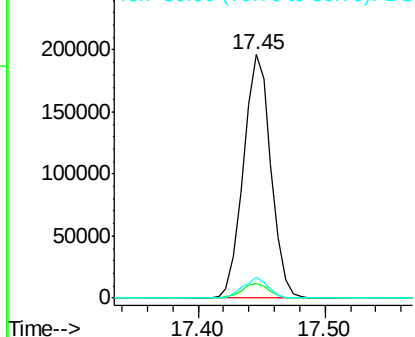
Tgt Ion:188 Resp: 293898
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 8.6 7.7 11.5



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

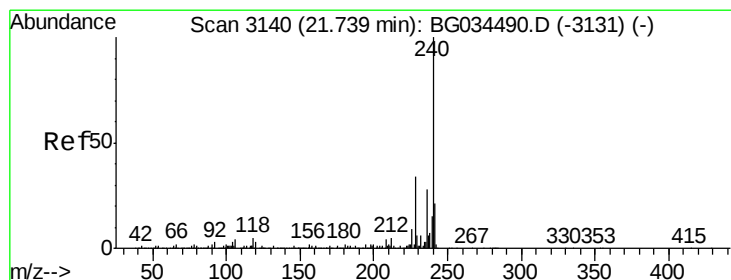
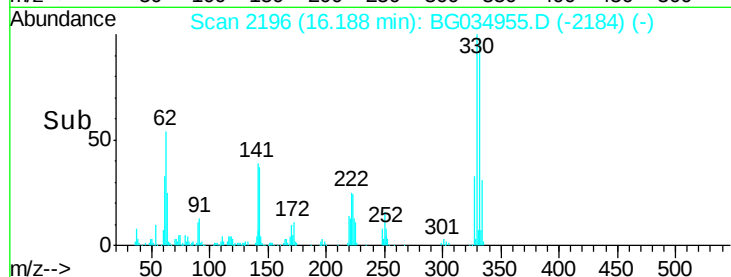
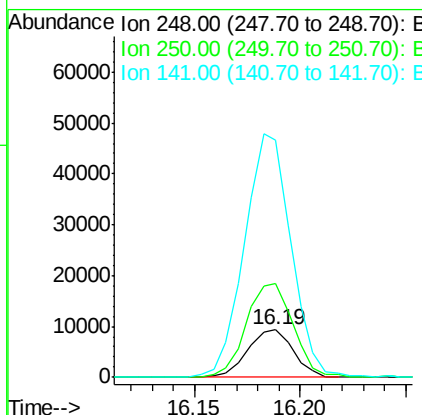
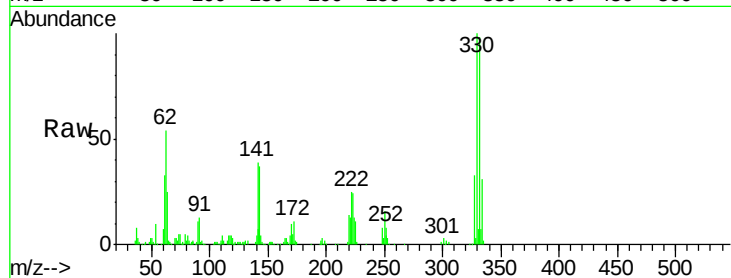




#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.46 min
Lab File: BG034955.D
Acq: 7 Jun 2018 16:47

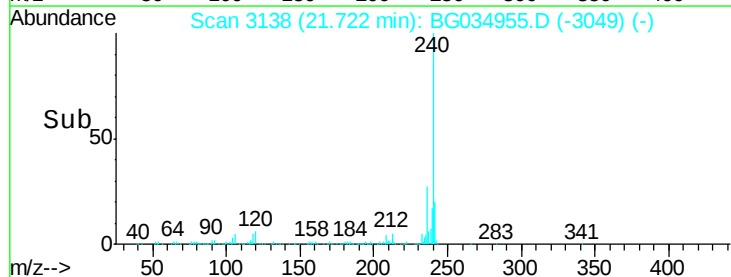
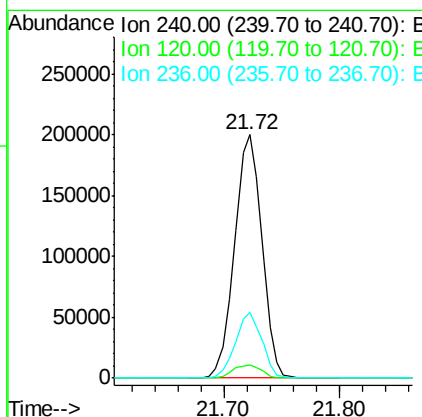
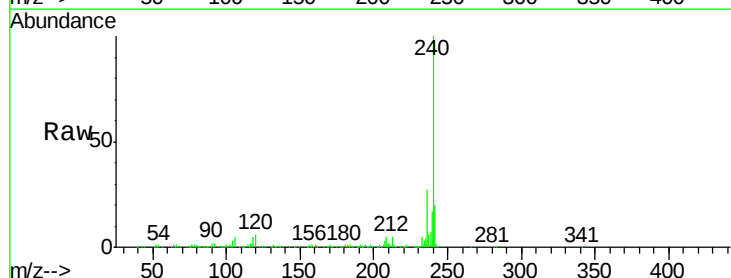
Instrument :
BNA_G
ClientSampleId :

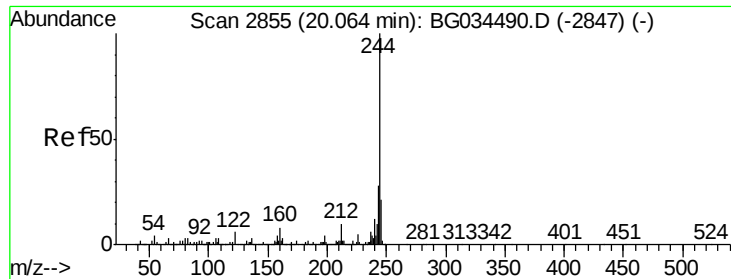
Tot Ion:248 Resp: 14143
Ion Ratio Lower Upper
248 100
250 198.2 77.1 115.7#
141 497.8 50.8 76.2#



#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 :

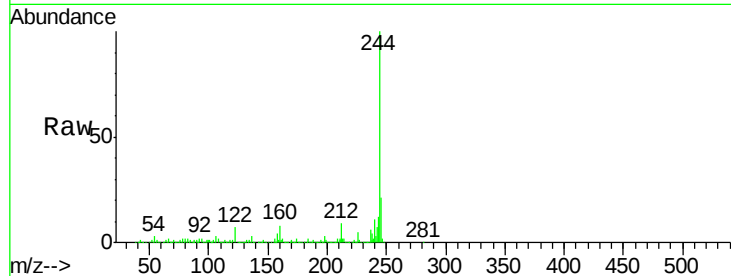
Tot Ion:244 Resp: 1227800

Ion Ratio Lower Upper

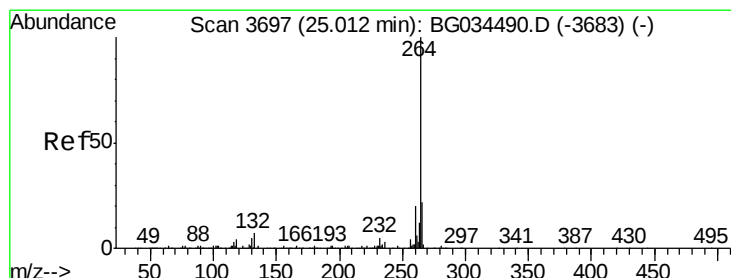
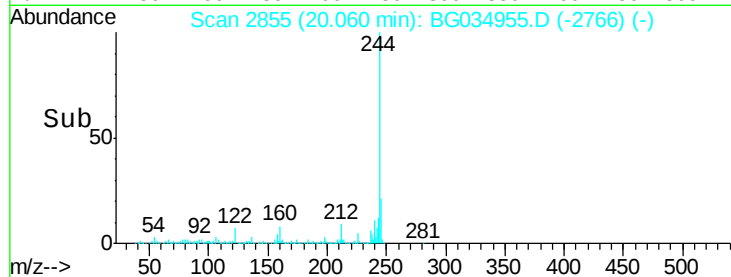
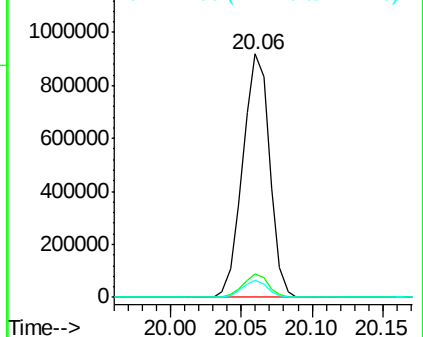
244 100

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

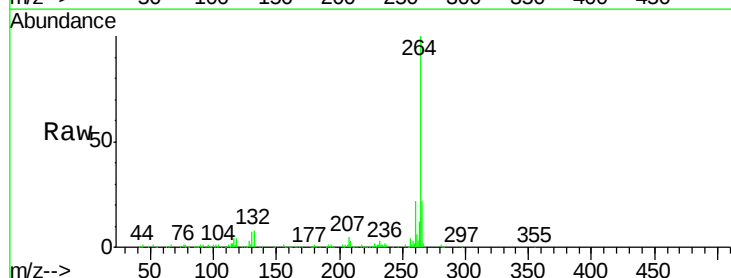
Tgt Ion:264 Resp: 318363

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

