

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036895.D
 Acq On : 22 Sep 2018 15:32
 Operator : JU/SJ
 Sample : J5019-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091918-DBRI-E-U-M

Quant Time: Sep 24 04:24:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

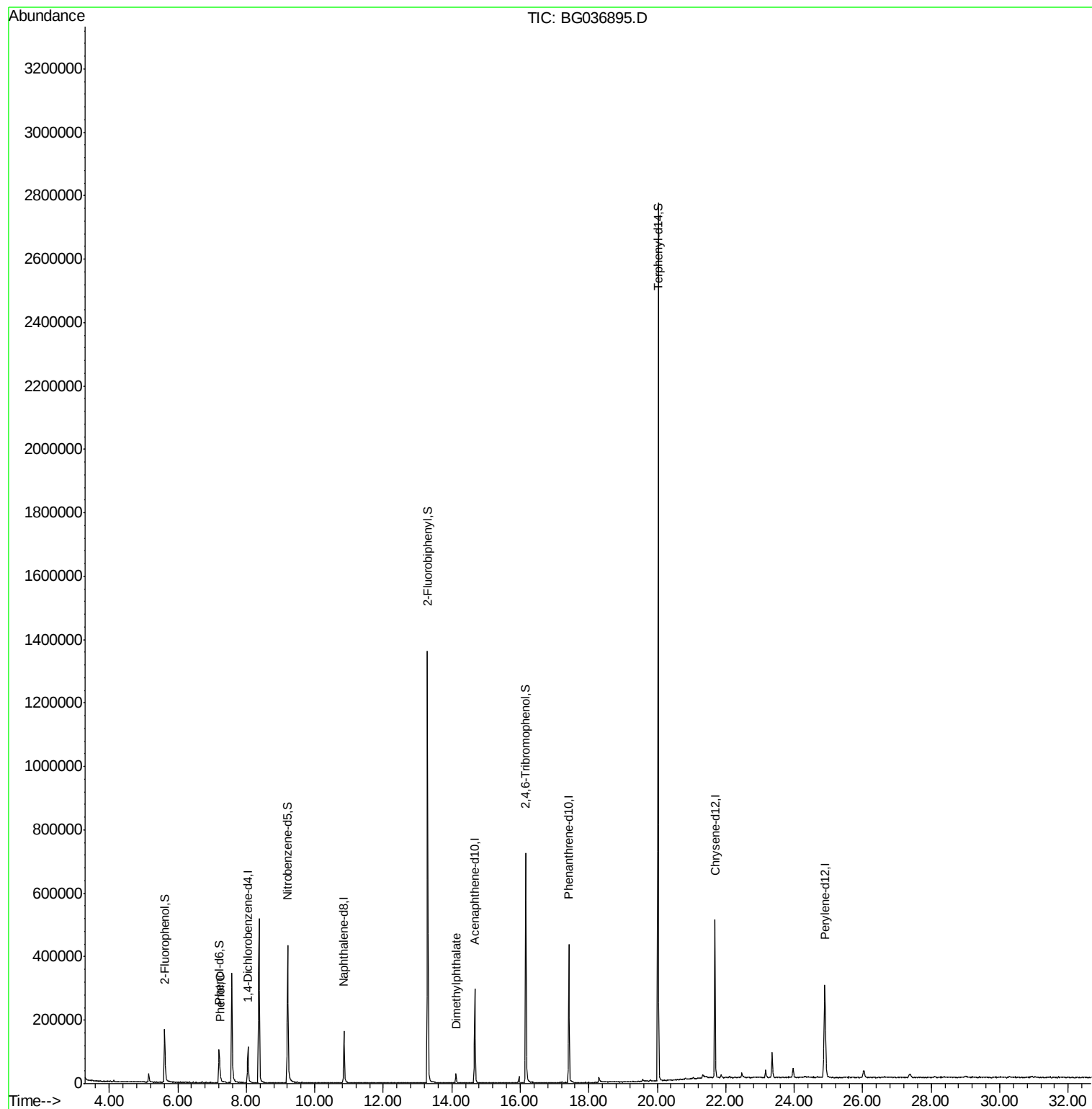
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38040	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	163227	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111043	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	297173	20.00	ng	0.00
75) Chrysene-d12	21.68	240	320355	20.00	ng	0.00
86) Perylene-d12	24.89	264	316662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	88705	44.72	ng	0.00
7) Phenol-d6	7.21	99	79038	25.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	312733	102.60	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	146420	110.21	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	772317	103.59	ng	0.00
78) Terphenyl-d14	20.03	244	1362781	111.86	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6727	2.124	ng	Qvalue # 79
49) Dimethylphthalate	14.12	163	25937	2.902	ng	# 96

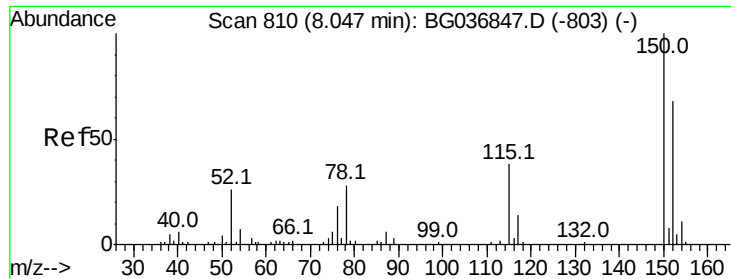
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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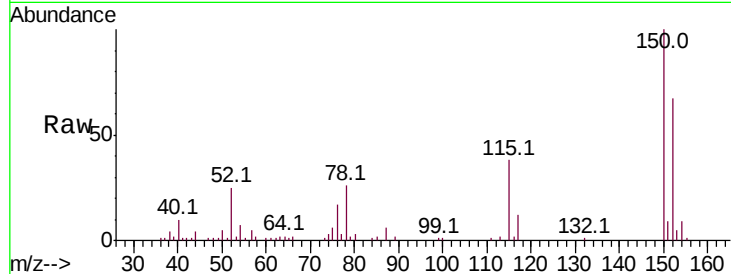


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036895.D
Acq: 22 Sep 2018 15:32

Instrument :
BNA_G
ClientSampleId :
091918-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	119.5	179.3
115	55.7	44.5	66.7

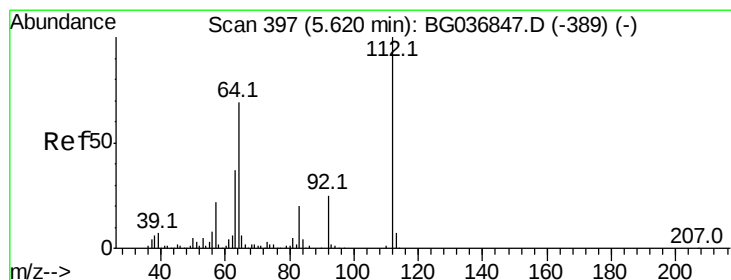
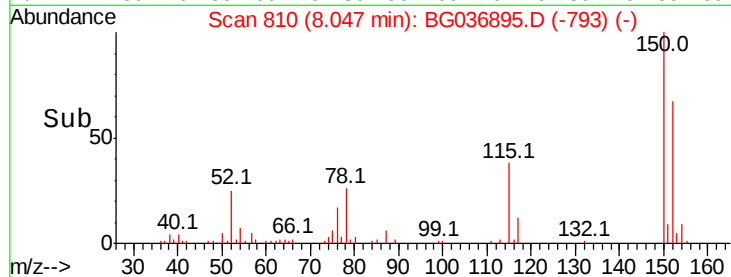
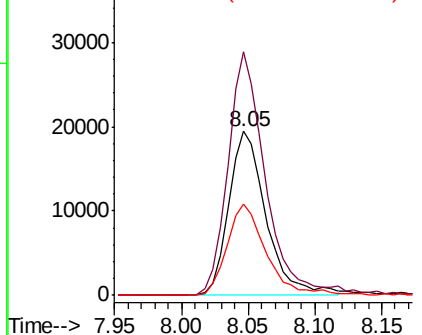


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

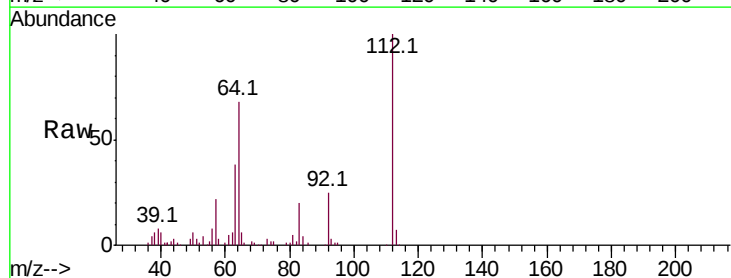
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.721 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036895.D
Acq: 22 Sep 2018 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.2	85.8
63	37.7	30.8	46.2

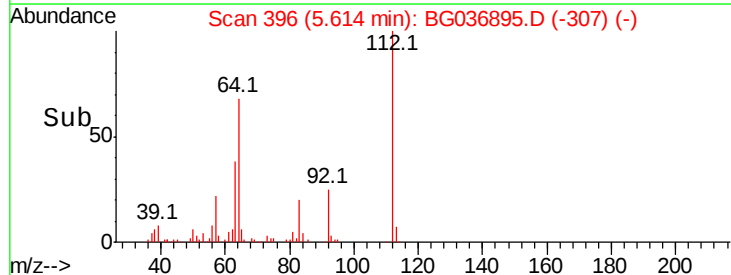
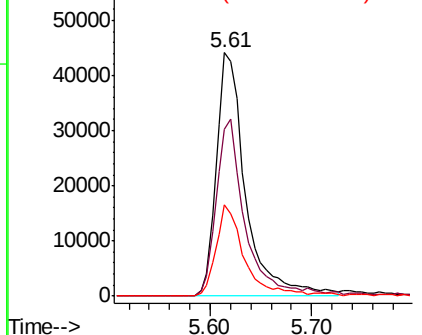


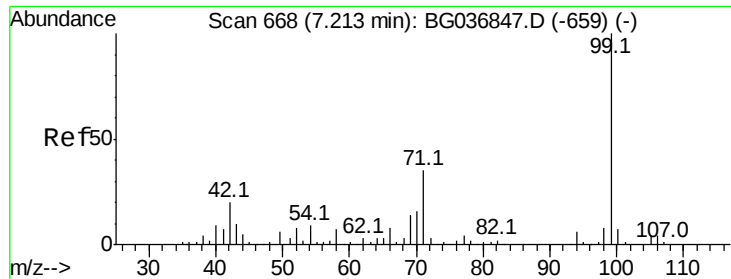
Abundance

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: 25.755 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036895.D

Acq: 22 Sep 2018 15:32

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-U-M

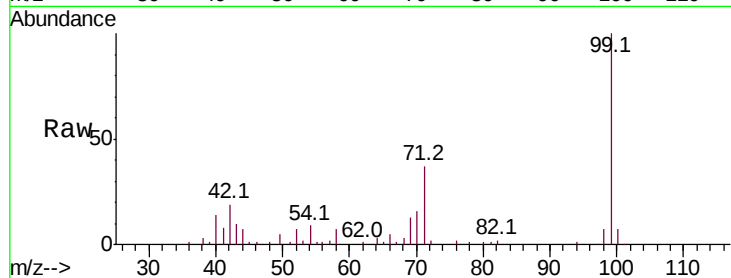
Tot Ion: 99 Resp: 79038

Ion Ratio Lower Upper

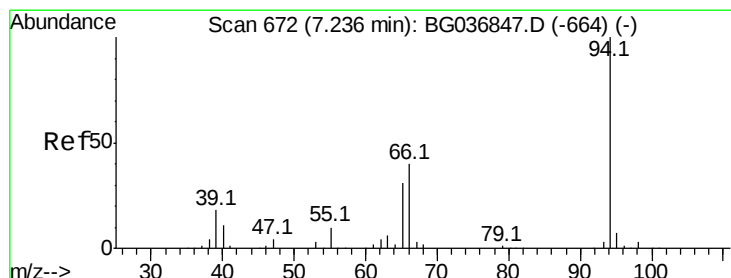
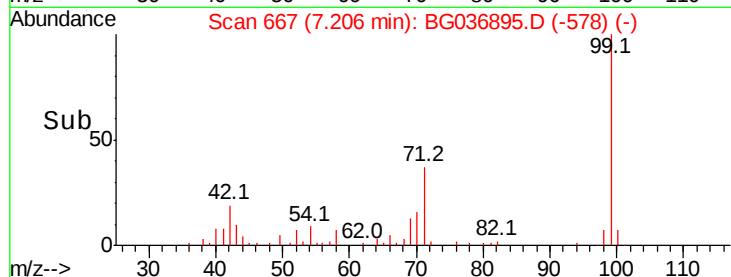
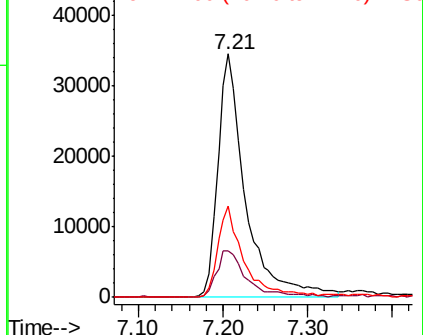
99 100

42 19.3 16.5 24.7

71 37.2 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



#10

Phenol

Concen: 2.124 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036895.D

Acq: 22 Sep 2018 15:32

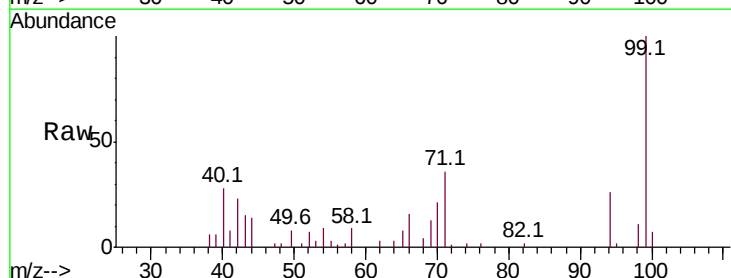
Tgt Ion: 94 Resp: 6727

Ion Ratio Lower Upper

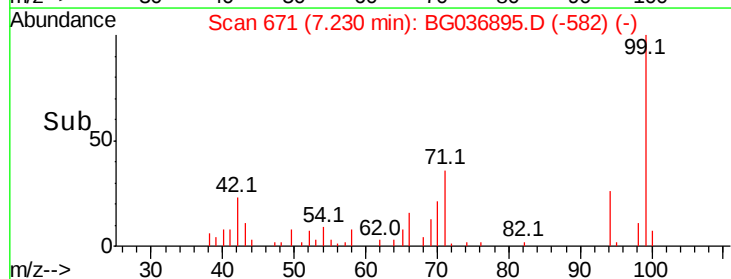
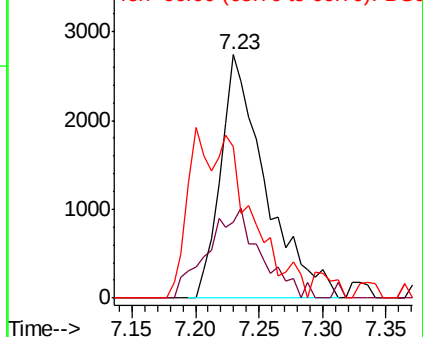
94 100

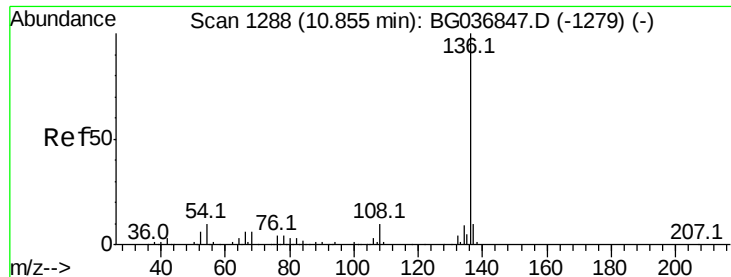
65 31.0 11.5 51.5

66 62.4 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

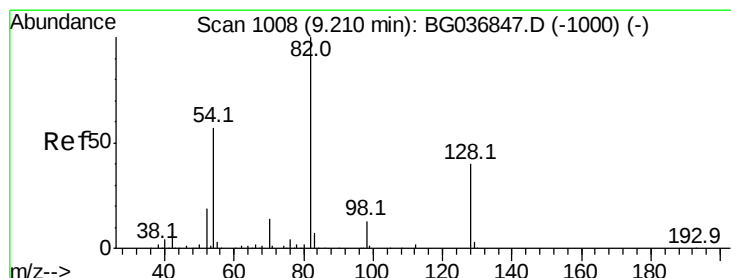
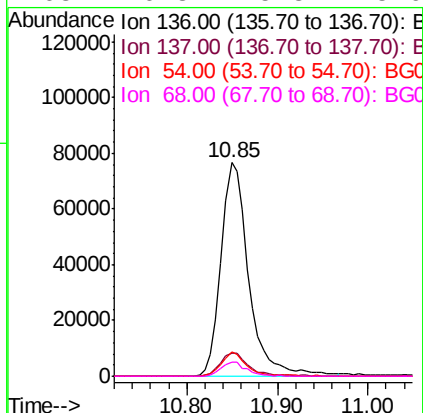
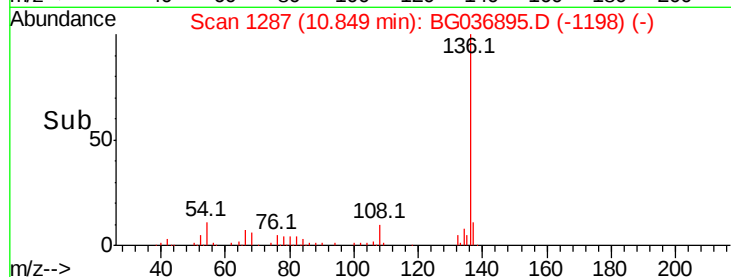
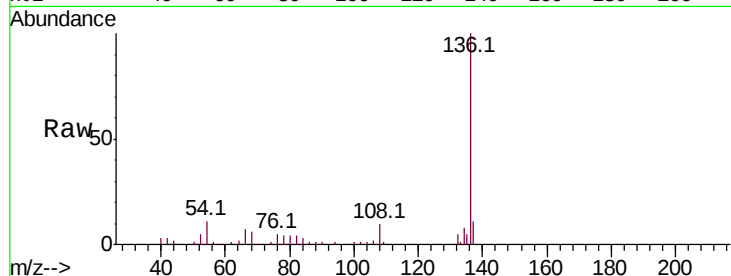




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036895.D
Acq: 22 Sep 2018 15:32

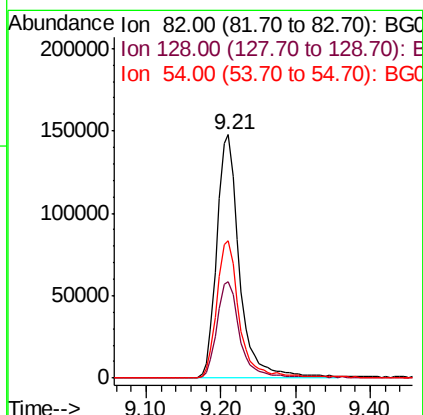
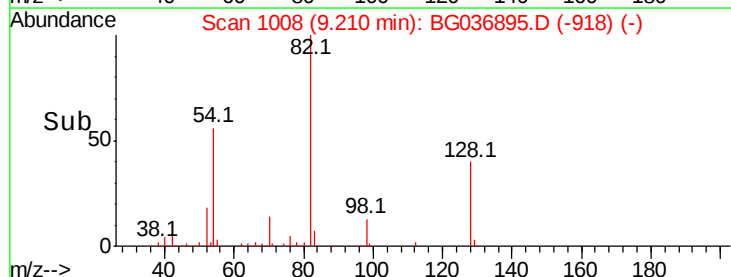
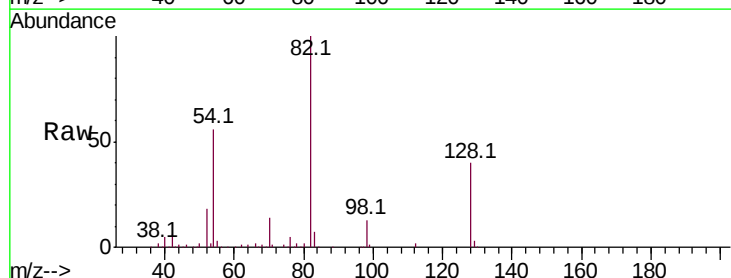
Instrument :
BNA_G
ClientSampleId :
091918-DBRI-E-U-M

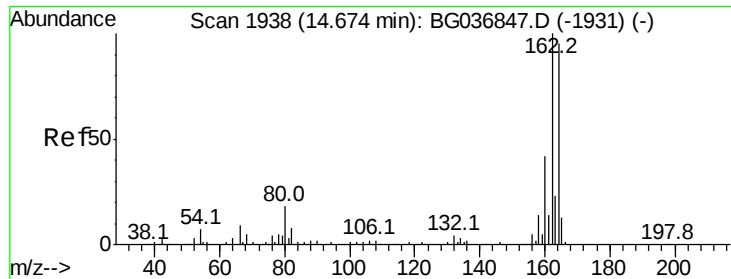
Tot Ion:136	Resp: 163227
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 11.3	9.2 13.8
68 6.3	5.8 8.6



#23
Nitrobenzene-d5
Concen: 102.601 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036895.D
Acq: 22 Sep 2018 15:32

Tgt	Ion: 82	Resp:	312733
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	56.3	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036895.D

Acq: 22 Sep 2018 15:32

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-U-M

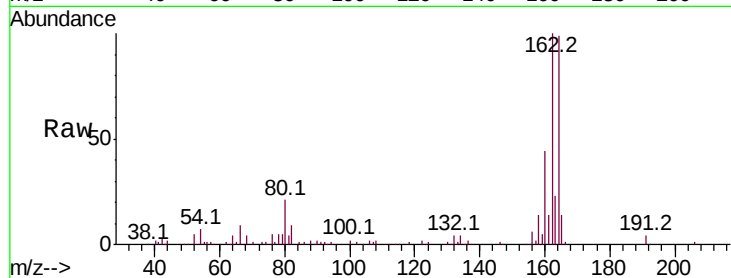
Tot Ion:164 Resp: 111043

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

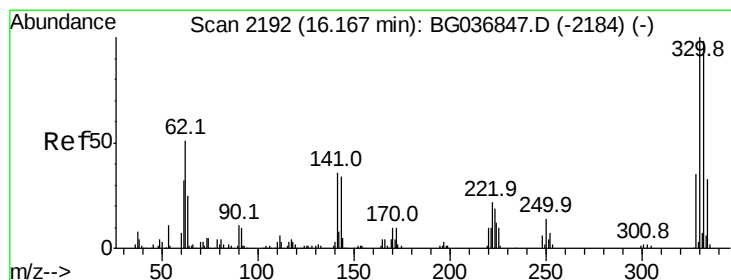
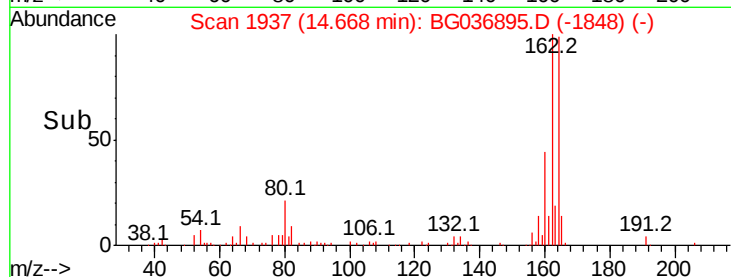
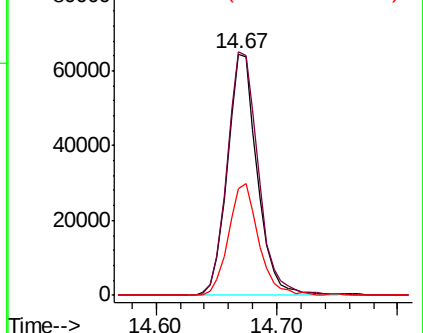
160 44.4 35.3 52.9



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: 110.209 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036895.D

Acq: 22 Sep 2018 15:32

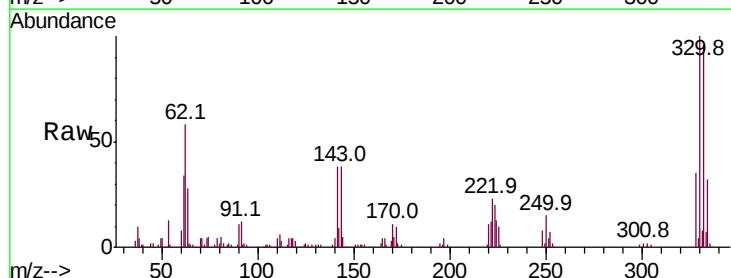
Tgt Ion:330 Resp: 146420

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

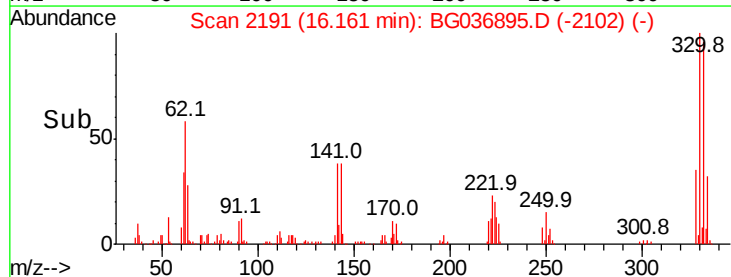
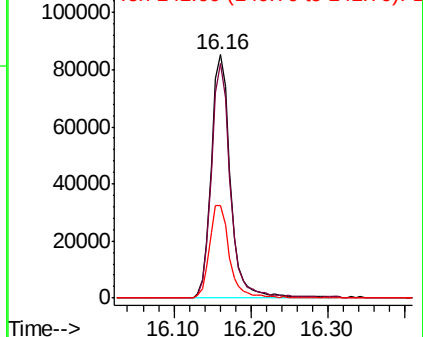
141 39.4 30.7 46.1

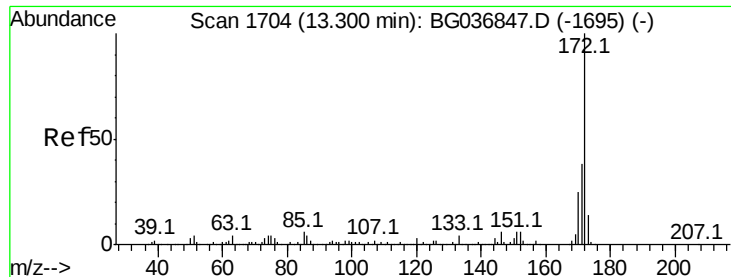


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

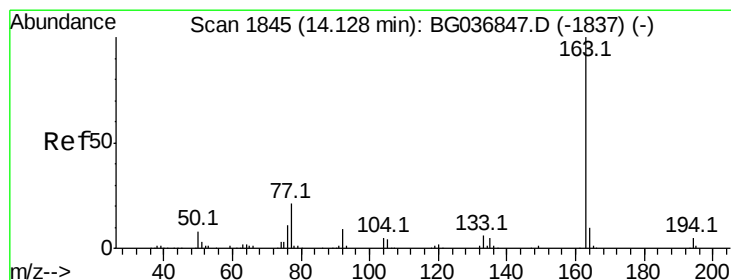
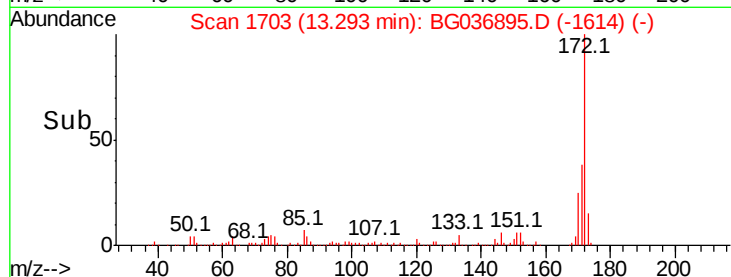
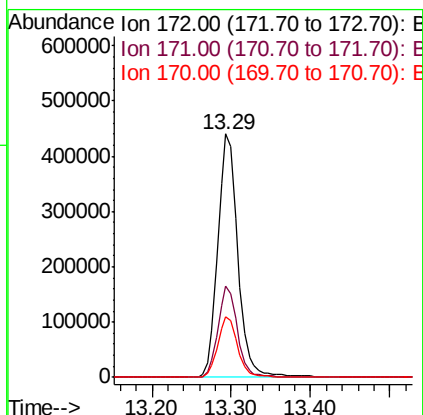
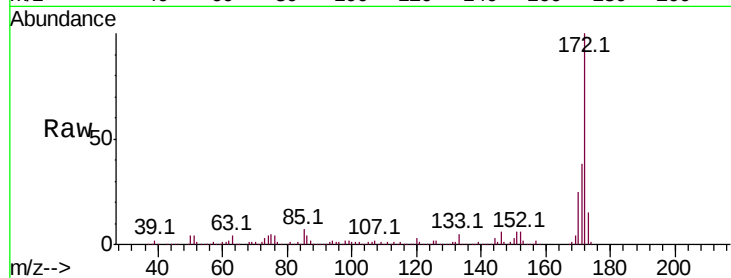




#44
2-Fluorobiphenyl
Concen: 103.589 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036895.D
Acq: 22 Sep 2018 15:32

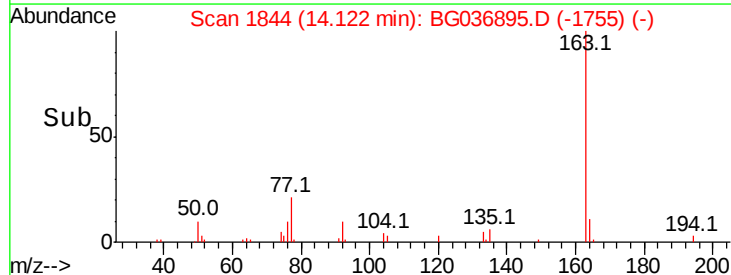
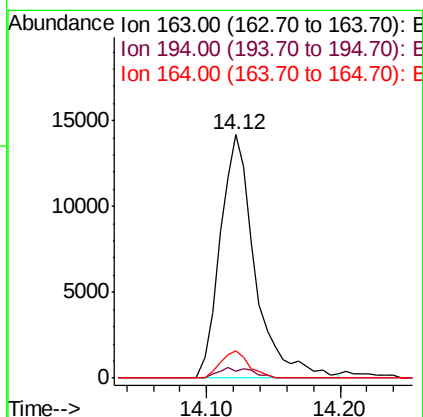
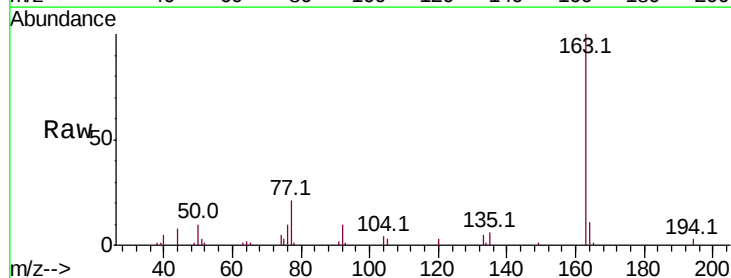
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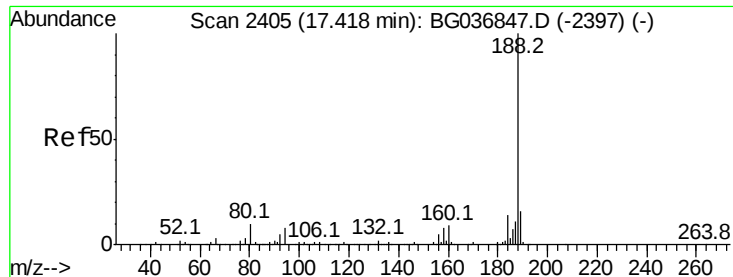
Tot Ion:172 Resp: 772317
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.8 21.0 31.6



#49
Dimethylphthalate
Concen: 2.902 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036895.D
Acq: 22 Sep 2018 15:32

Tgt Ion:163 Resp: 25937
Ion Ratio Lower Upper
163 100
194 2.9 4.0 6.0#
164 11.0 8.1 12.1

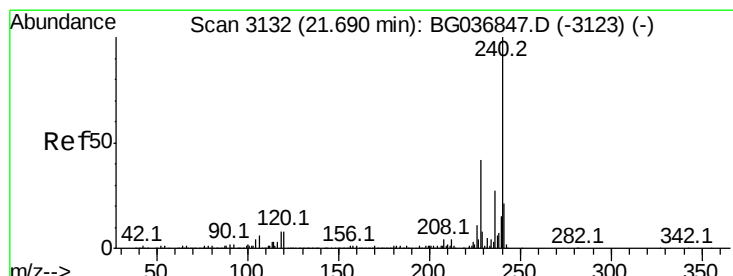
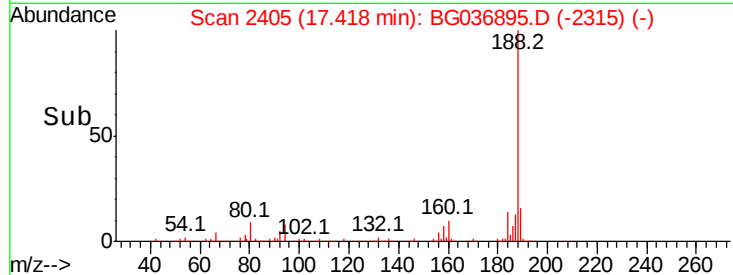
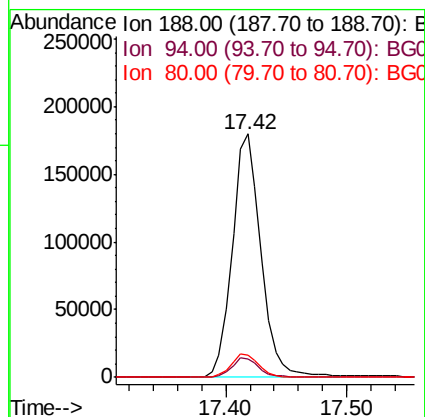
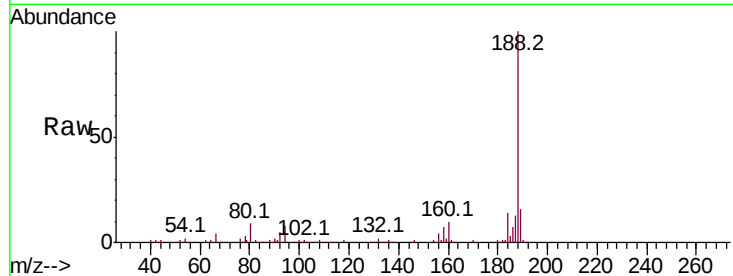




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036895.D
Acq: 22 Sep 2018 15:32

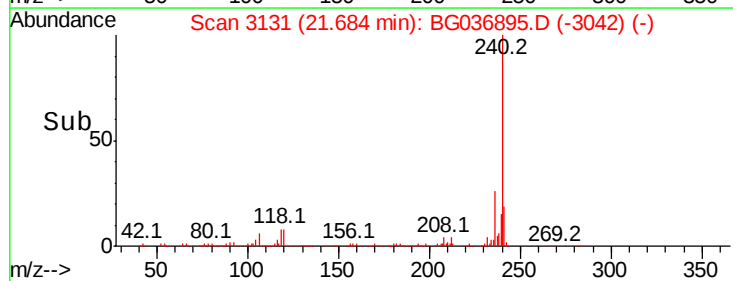
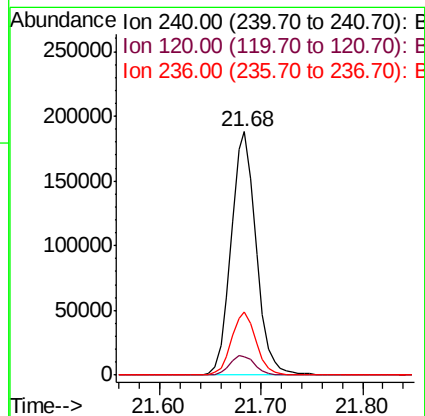
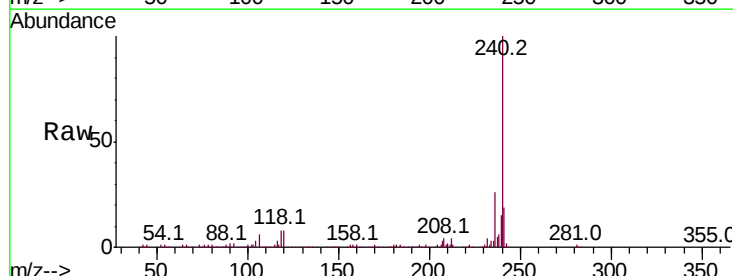
Instrument :
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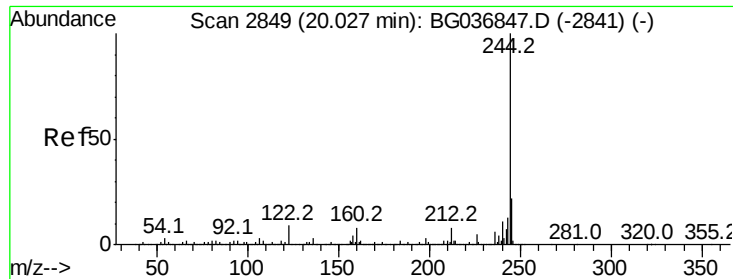
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.3	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036895.D
Acq: 22 Sep 2018 15:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.9	10.3
236	26.2	21.2	31.8





#78

Terphenyl-d14

Concen: 111.858 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036895.D

Acq: 22 Sep 2018 15:32

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-U-M

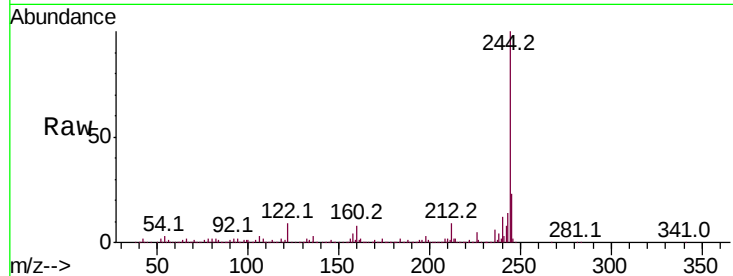
Tot Ion:244 Resp: 1362781

Ion Ratio Lower Upper

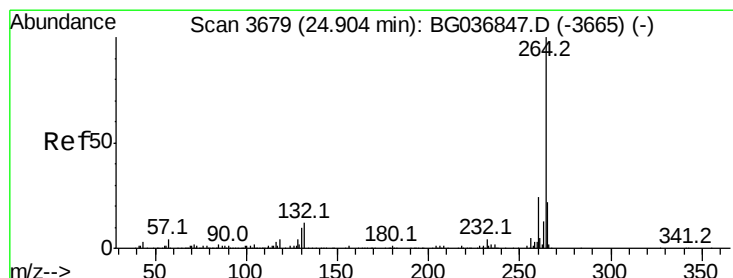
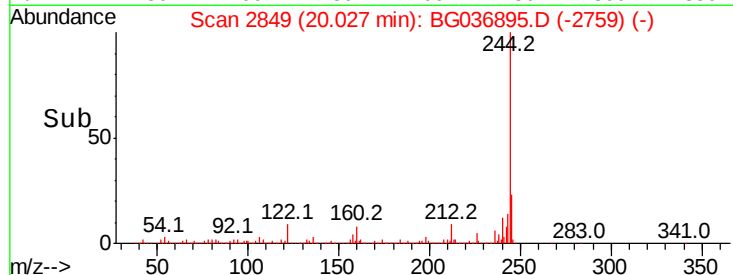
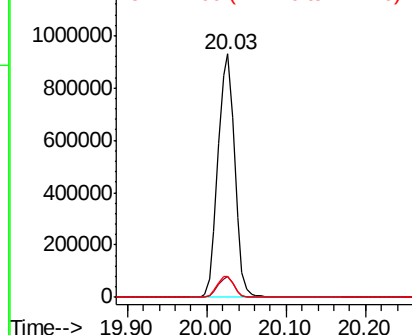
244 100

212 8.8 7.0 10.6

122 8.7 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: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036895.D

Acq: 22 Sep 2018 15:32

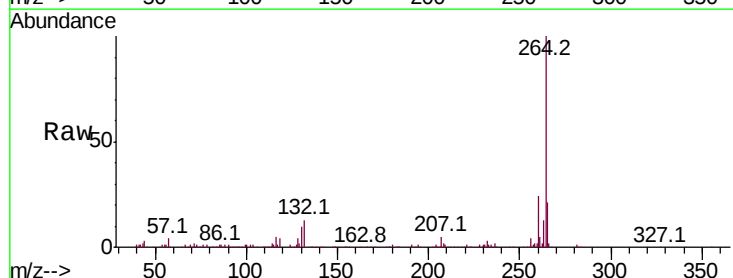
Tgt Ion:264 Resp: 316662

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.0 17.4 26.0



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

