

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036434.D
 Acq On : 27 Aug 2018 16:42
 Operator : JU/SJ
 Sample : J4556-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180530-COMPOSITE-(ABC)

Quant Time: Aug 27 17:49:17 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

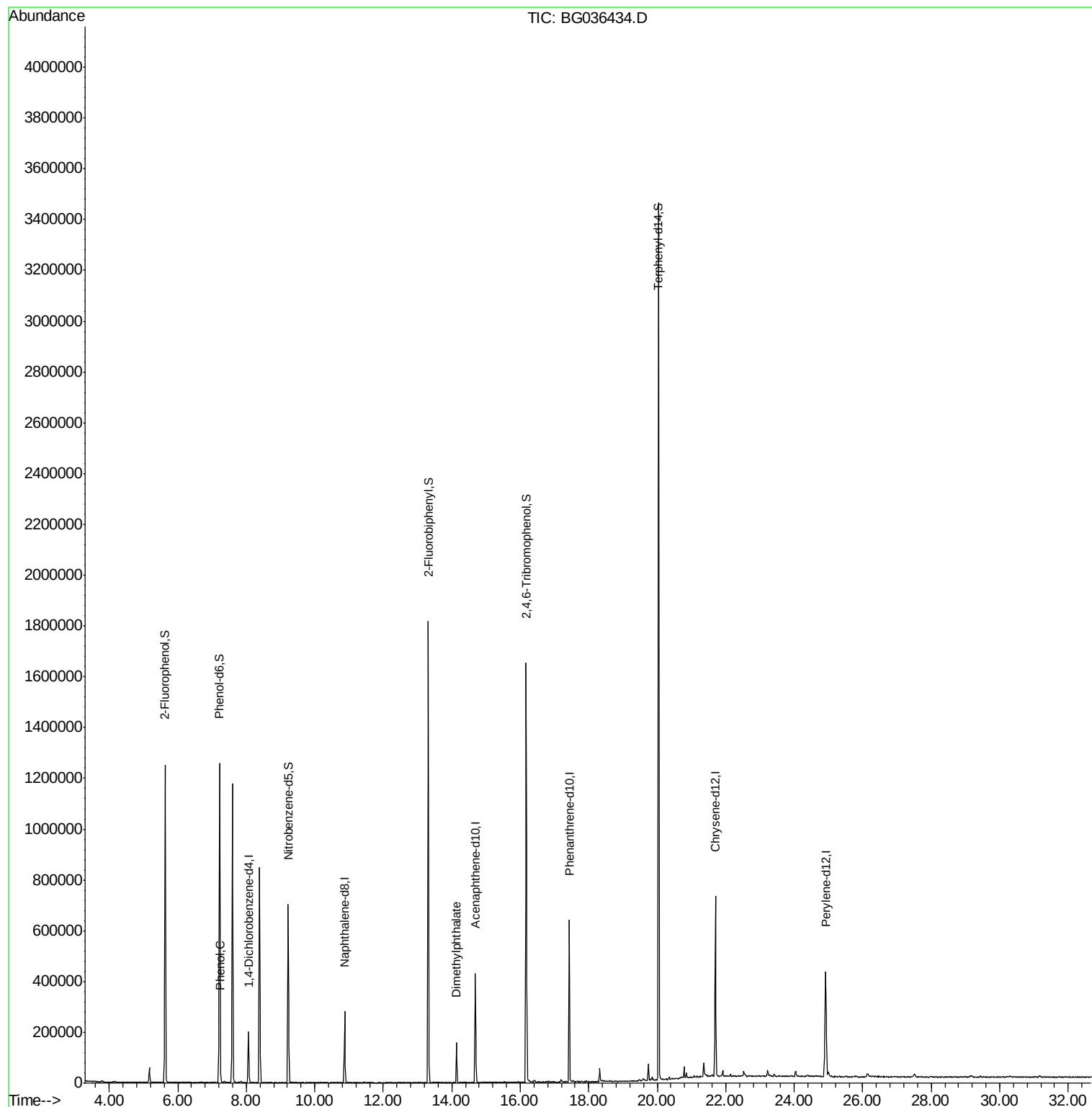
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55687	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	233494	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	152961	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	395933	20.00	ng	0.00
75) Chrysene-d12	21.70	240	433209	20.00	ng	-0.02
86) Perylene-d12	24.91	264	442906	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	518603	147.73	ng	0.00
7) Phenol-d6	7.22	99	723157	143.88	ng	0.00
23) Nitrobenzene-d5	9.23	82	424381	98.61	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	303138	166.09	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	962924	89.88	ng	0.00
78) Terphenyl-d14	20.04	244	1642186	88.60	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	14152	2.691	ng	88
49) Dimethylphthalate	14.14	163	109561	8.772	ng	98

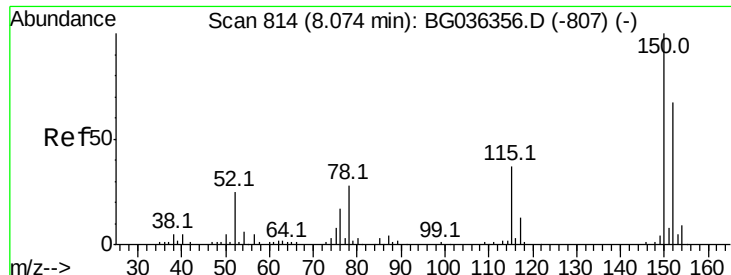
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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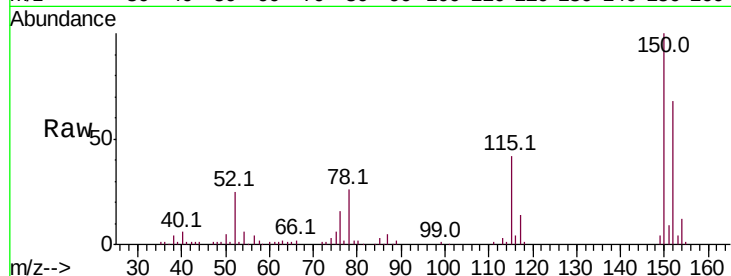


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036434.D
Acq: 27 Aug 2018 16:42

Instrument :
BNA_G
ClientSampleId :
20180530-COMPOSITE-(ABC)

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	119.5	179.3
115	62.1	44.5	66.7

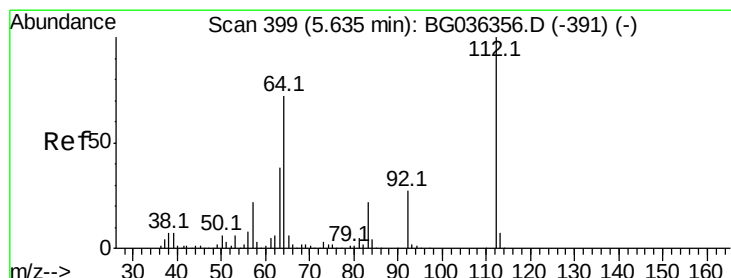
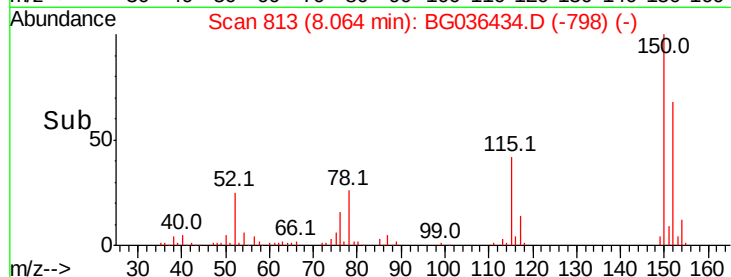
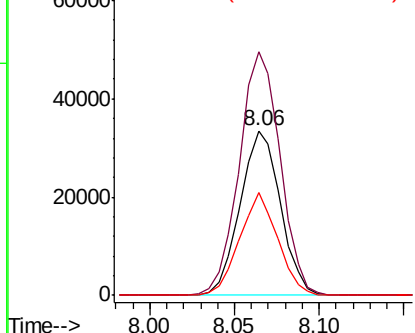


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

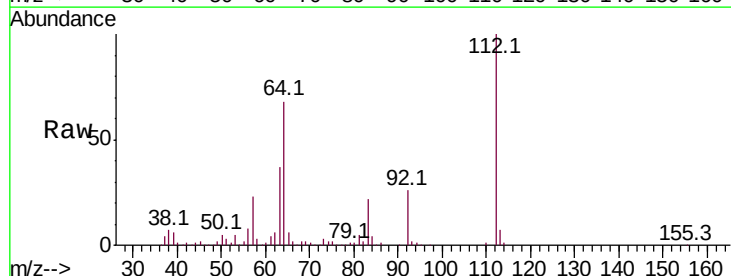
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.729 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036434.D
Acq: 27 Aug 2018 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.2	85.8
63	36.6	30.8	46.2

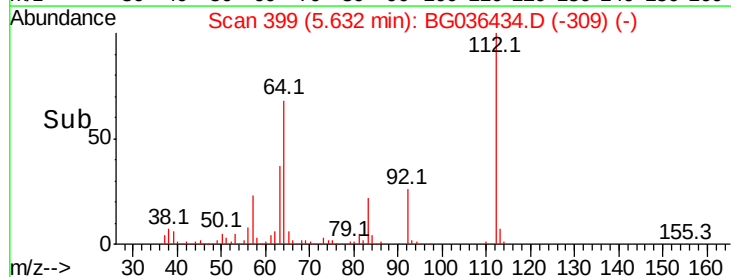
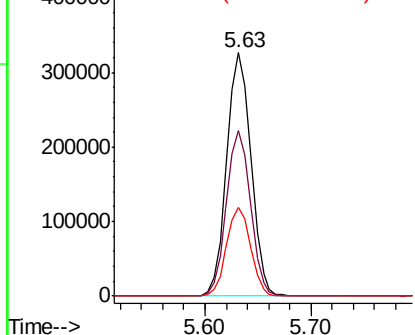


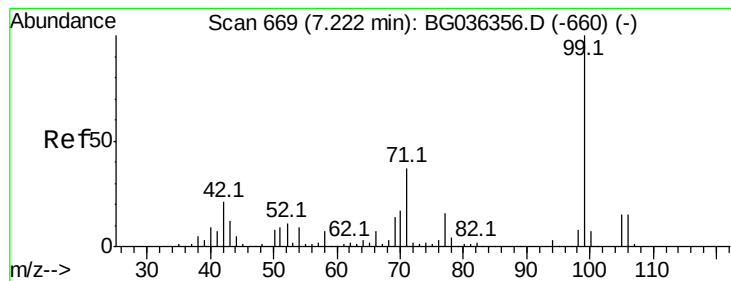
Abundance

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: 143.878 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036434.D

Acq: 27 Aug 2018 16:42

Instrument :

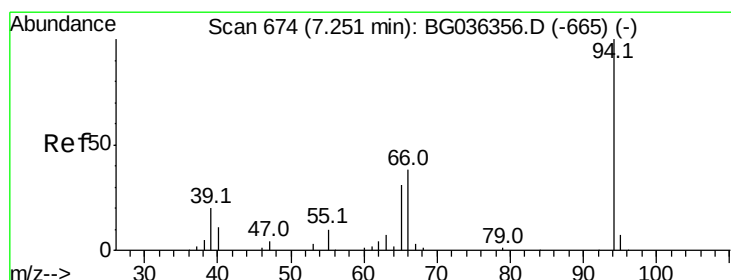
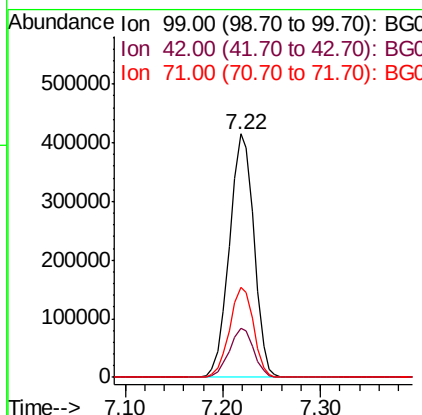
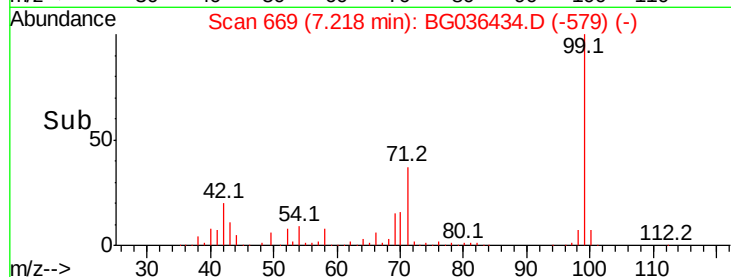
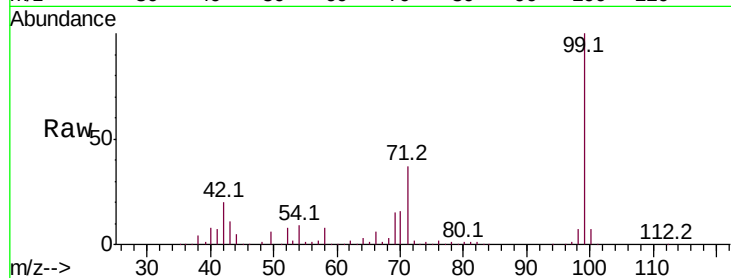
BNA_G

ClientSampleId :

20180530-COMPOSITE-(ABC)

Tot Ion: 99 Resp: 723157

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.5	24.7
71	36.9	29.4	44.2



#10

Phenol

Concen: 2.691 ng

RT: 7.25 min Scan# 674

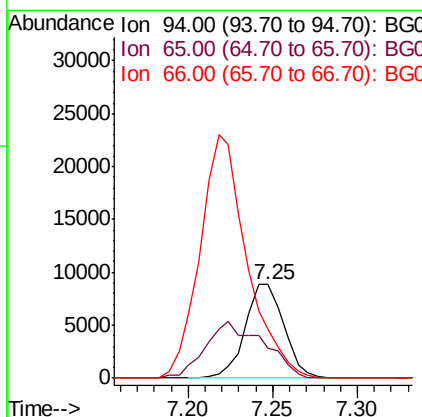
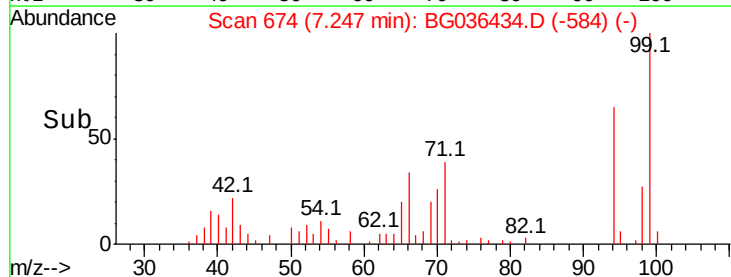
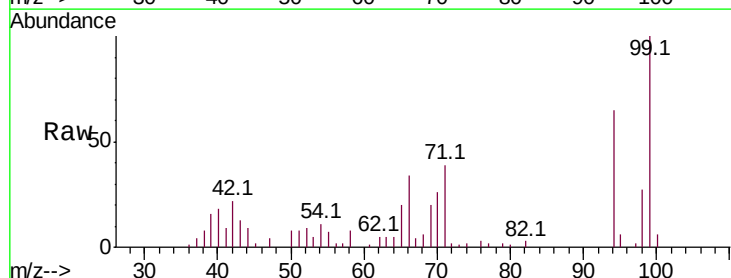
Delta R.T. -0.00 min

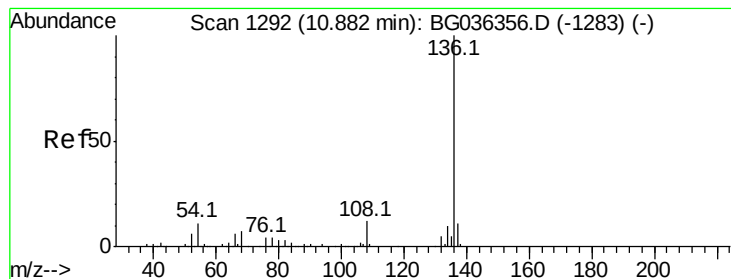
Lab File: BG036434.D

Acq: 27 Aug 2018 16:42

Tgt Ion: 94 Resp: 14152

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.5	51.5
66	52.4	19.5	59.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036434.D

Acq: 27 Aug 2018 16:42

Instrument :

BNA_G

ClientSampleId :

20180530-COMPOSITE-(ABC)

Tot Ion:136 Resp: 233494

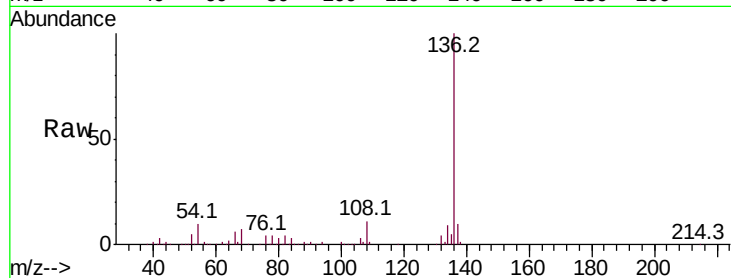
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 9.8 9.2 13.8

68 6.8 5.8 8.6

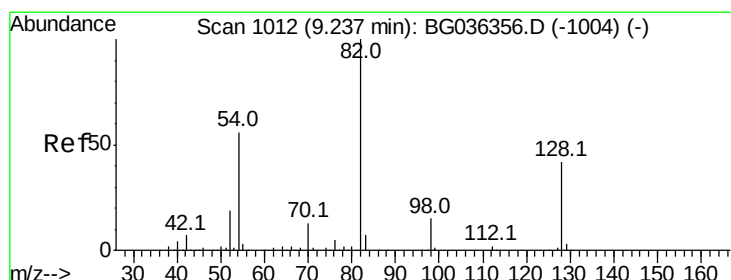
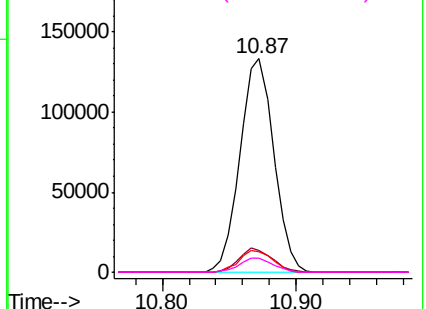
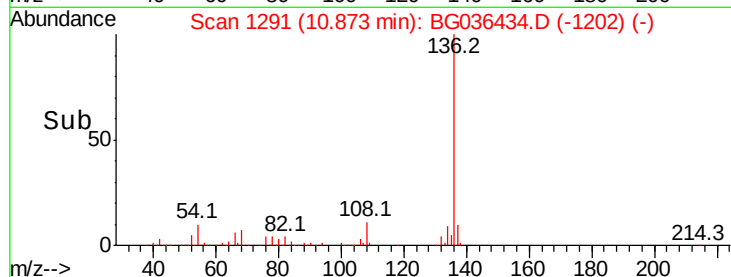


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.613 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG036434.D

Acq: 27 Aug 2018 16:42

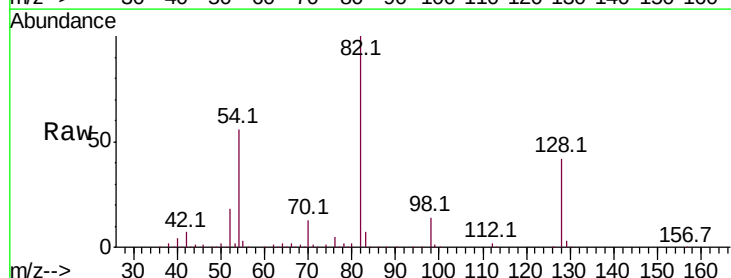
Tgt Ion: 82 Resp: 424381

Ion Ratio Lower Upper

82 100

128 41.8 33.3 49.9

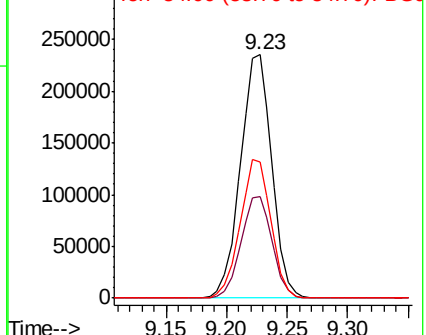
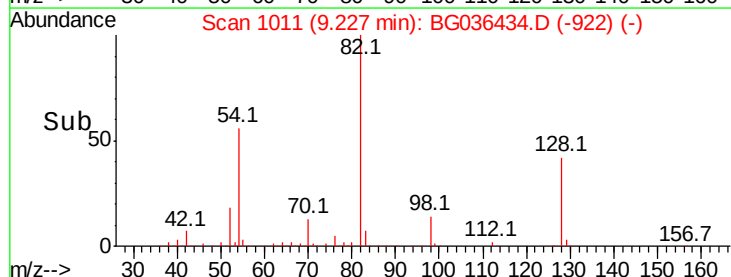
54 56.1 45.1 67.7

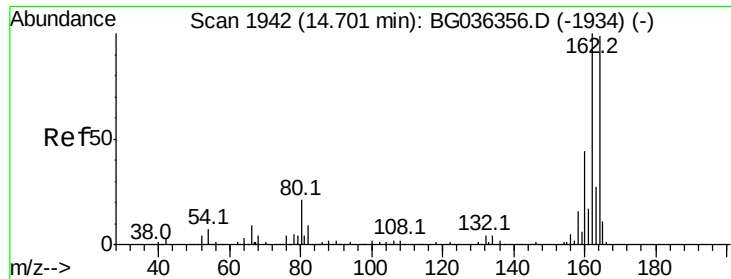


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

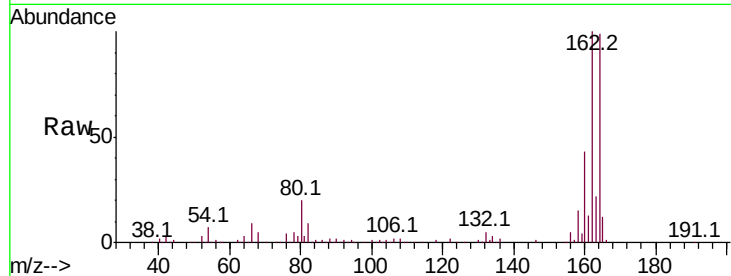




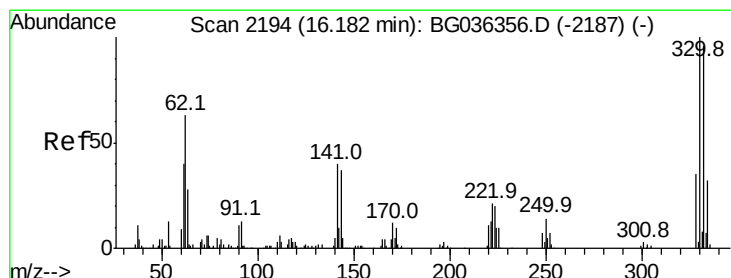
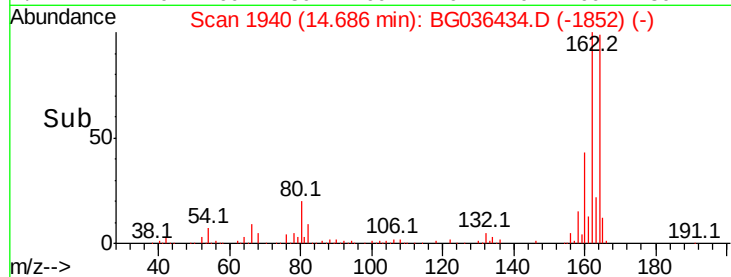
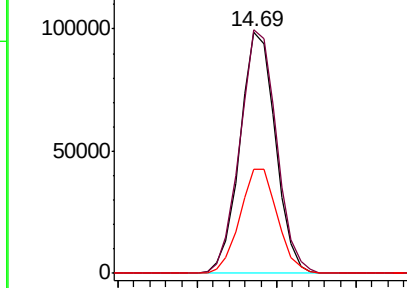
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BG036434.D
Acq: 27 Aug 2018 16:42

Instrument :
BNA_G
ClientSampleId :
20180530-COMPOSITE-(ABC)

Tot Ion:164 Resp: 152961
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 42.9 35.3 52.9

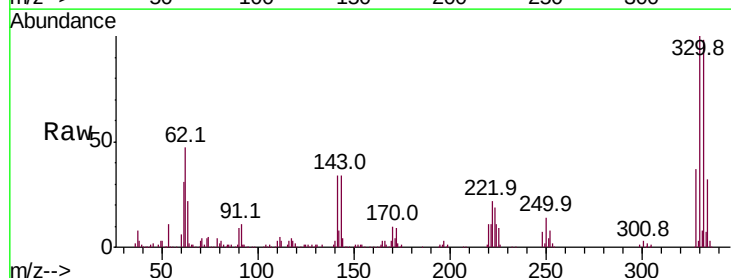


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

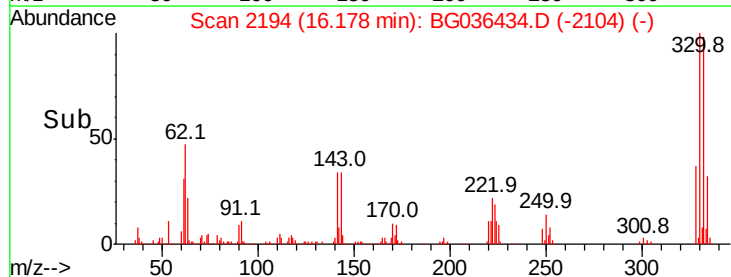
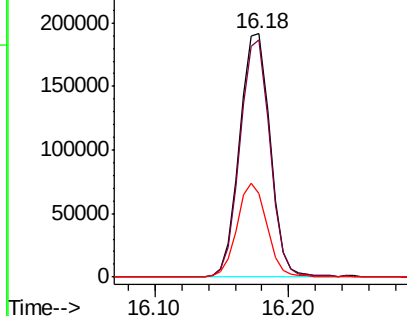


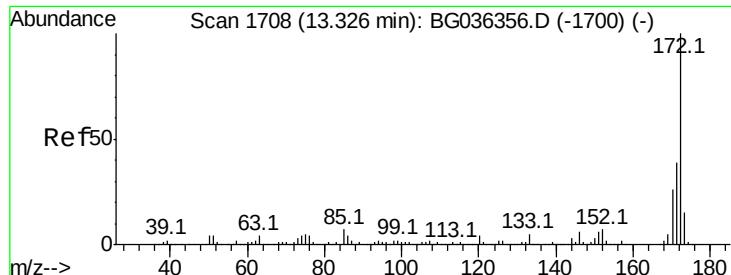
#41
2,4,6-Tribromophenol
Concen: 166.088 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG036434.D
Acq: 27 Aug 2018 16:42

Tgt Ion:330 Resp: 303138
Ion Ratio Lower Upper
330 100
332 96.1 75.4 113.2
141 37.6 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

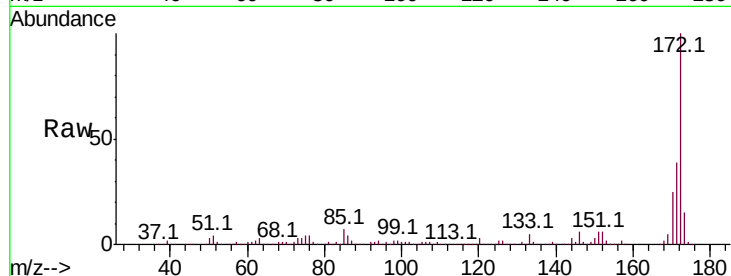




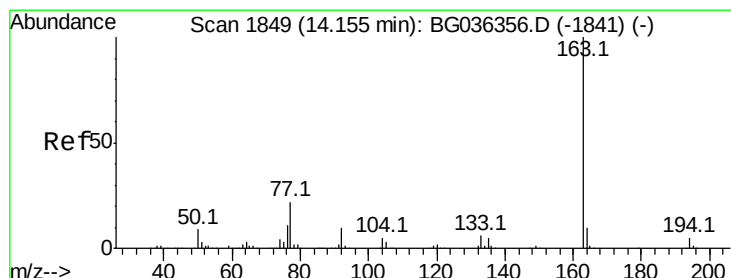
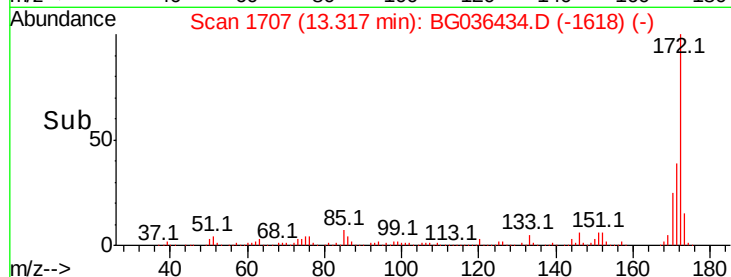
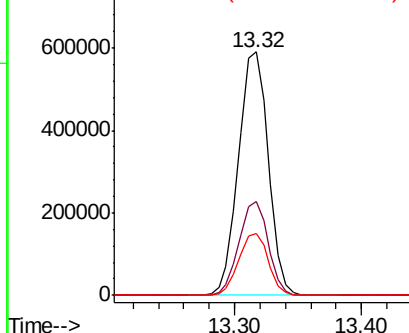
#44
 2-Fluorobiphenyl
 Concen: 89.884 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036434.D
 Acq: 27 Aug 2018 16:42

Instrument :
 BNA_G
 ClientSampleId :
 20180530-COMPOSITE-(ABC)

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.5	21.0	31.6

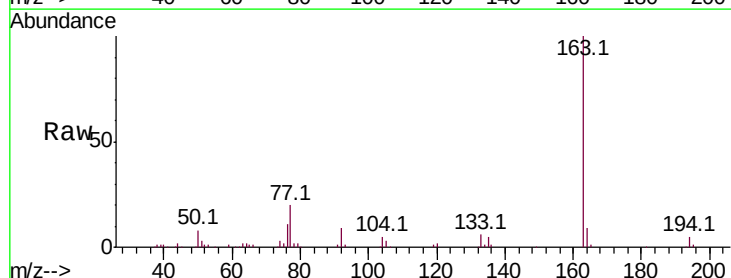


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

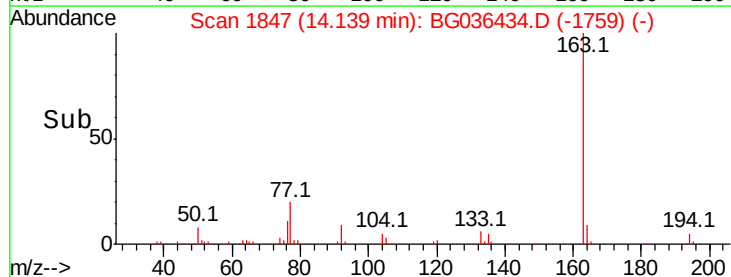
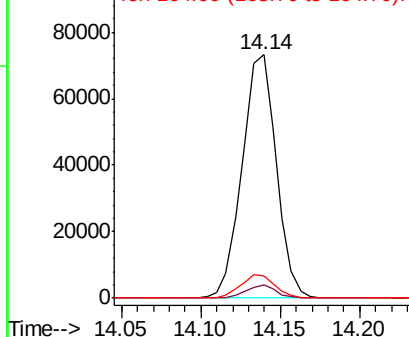


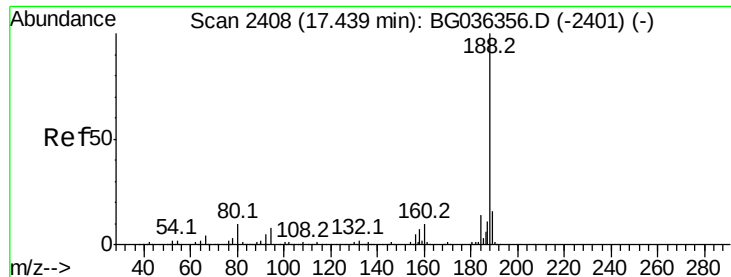
#49
 Dimethylphthalate
 Concen: 8.772 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BG036434.D
 Acq: 27 Aug 2018 16:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.0	6.0
164	9.4	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036434.D

Acq: 27 Aug 2018 16:42

Instrument :

BNA_G

ClientSampleId :

20180530-COMPOSITE-(ABC)

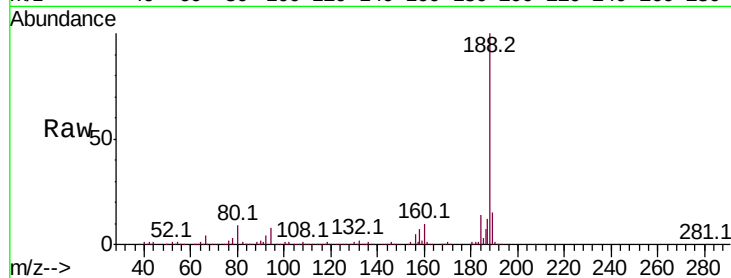
Tot Ion:188 Resp: 395933

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

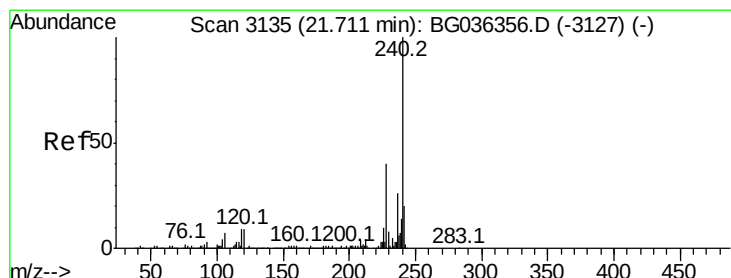
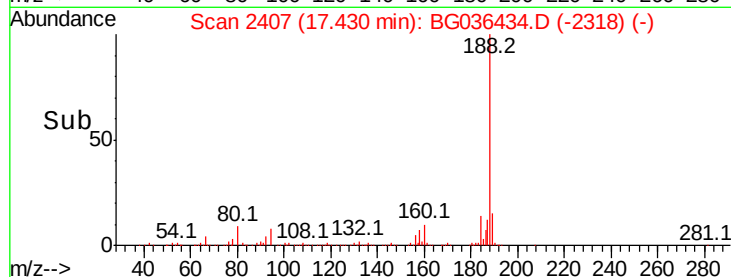
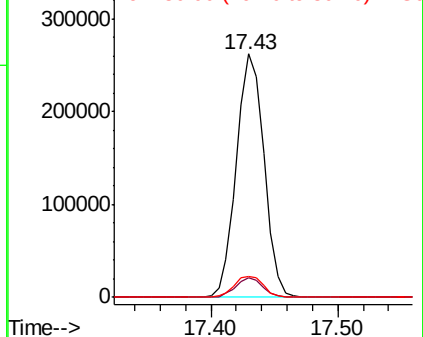
80 8.7 8.1 12.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG036434.D

Acq: 27 Aug 2018 16:42

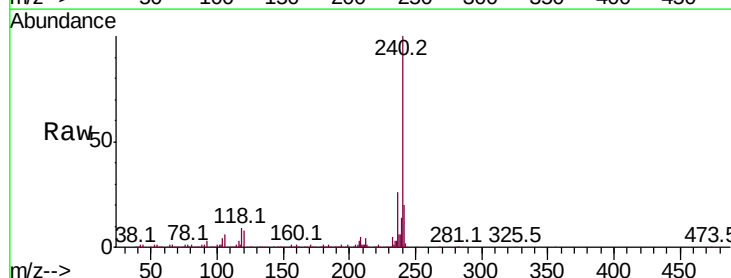
Tgt Ion:240 Resp: 433209

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

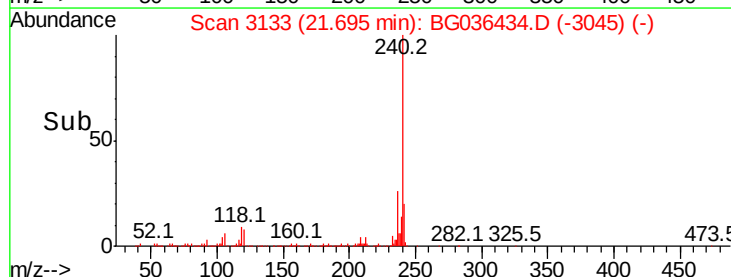
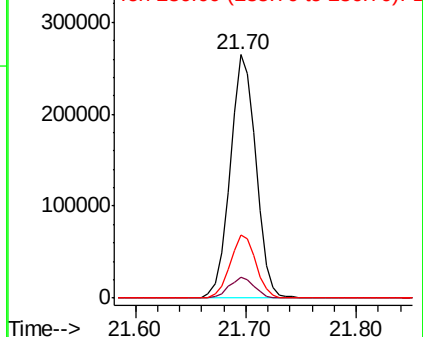
236 26.1 21.2 31.8

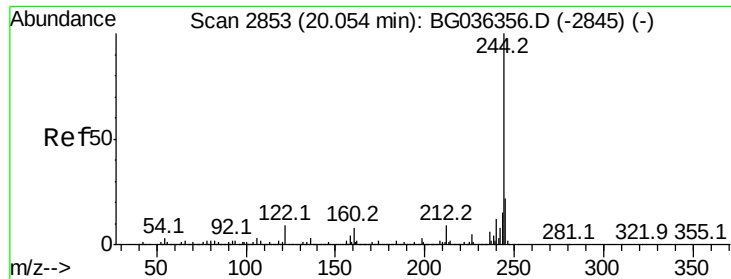


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.603 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036434.D

Acq: 27 Aug 2018 16:42

Instrument :

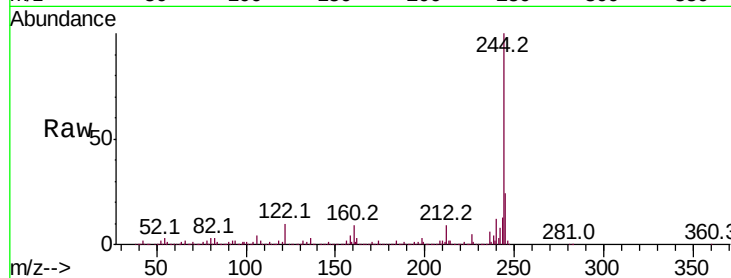
BNA_G

ClientSampleId :

20180530-COMPOSITE-(ABC)

Tot Ion:244 Resp: 1642186

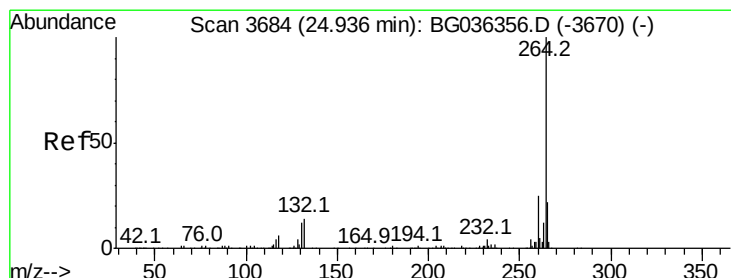
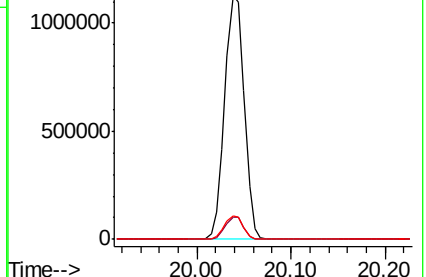
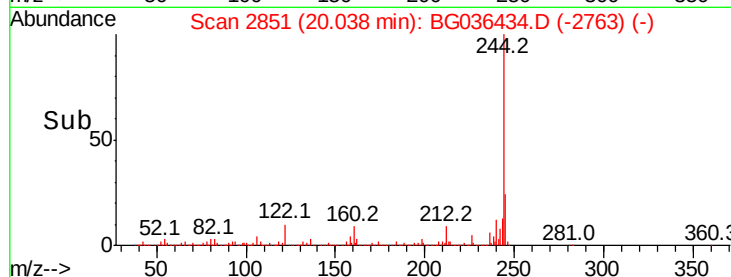
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	9.7	7.1	10.7



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: 24.91 min Scan# 3681

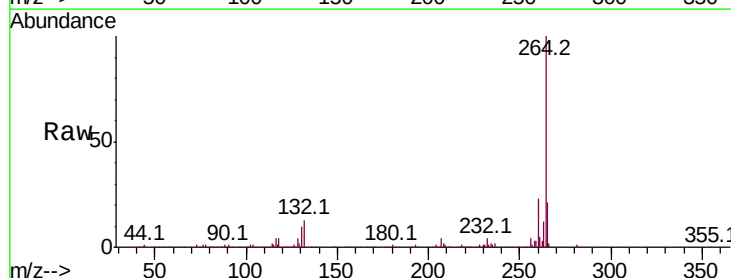
Delta R.T. -0.02 min

Lab File: BG036434.D

Acq: 27 Aug 2018 16:42

Tgt Ion:264 Resp: 442906

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.3	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

