

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041570.D
 Acq On : 2 Jul 2019 13:23
 Operator : HP/JU
 Sample : K3519-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-JMW0882

Quant Time: Jul 03 02:22:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

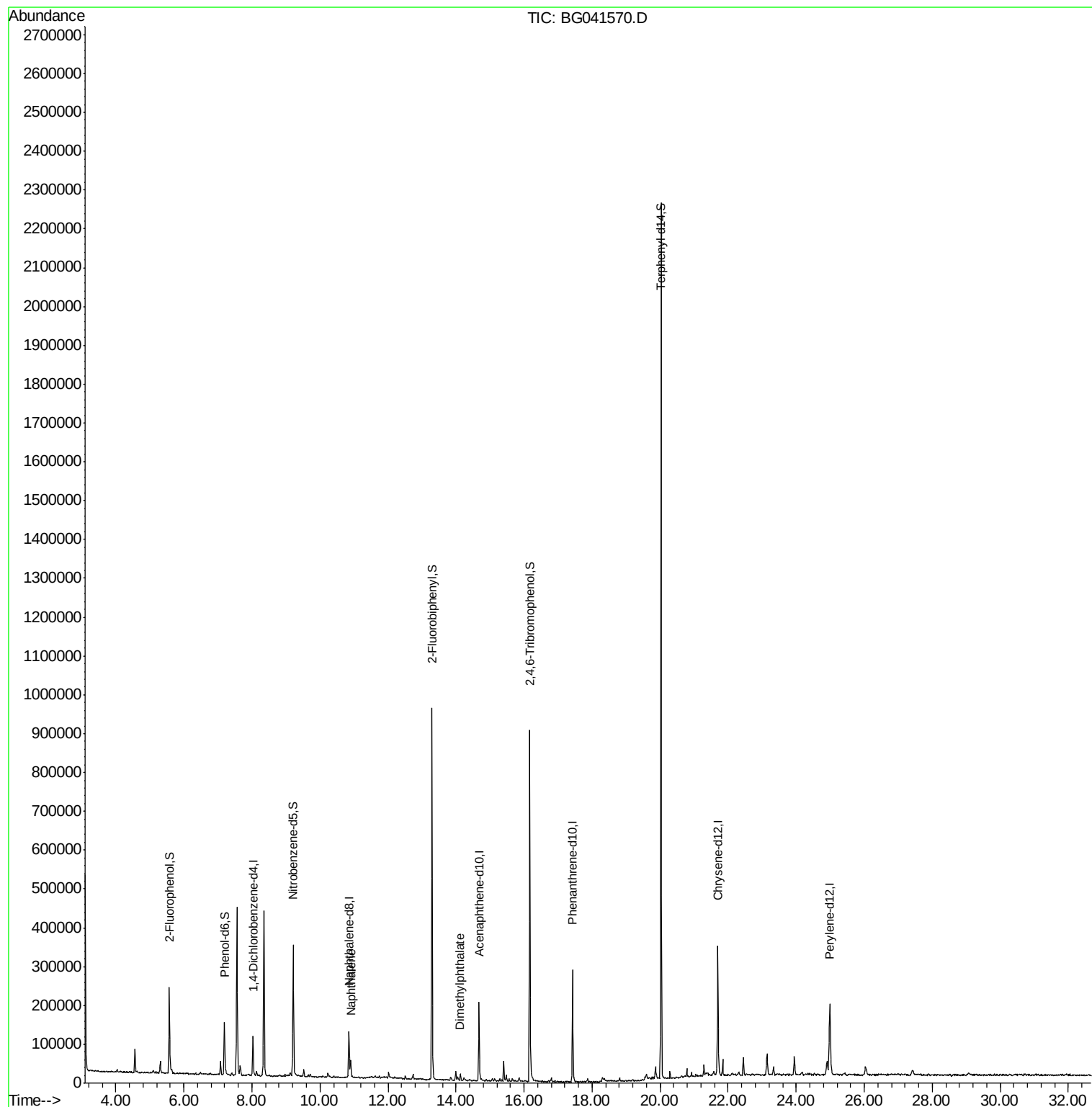
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28611	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96809	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	69068	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	185083	20.00	ng	0.00
76) Chrysene-d12	21.70	240	215603	20.00	ng	0.00
87) Perylene-d12	24.99	264	227194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	96416	60.08	ng	0.00
7) Phenol-d6	7.19	99	80415	35.60	ng	0.00
23) Nitrobenzene-d5	9.21	82	209835	90.40	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	184589	156.53	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	494494	91.88	ng	0.00
79) Terphenyl-d14	20.03	244	1059253	104.40	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	31767	5.934	ng	97
50) Dimethylphthalate	14.12	163	13860	2.205	ng	99

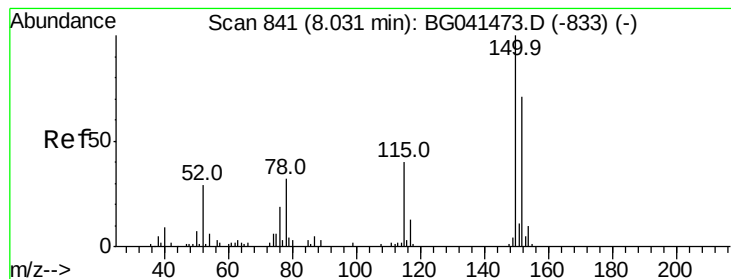
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

Instrument :

BNA_G

ClientSampleId :

SP19-JMW0882

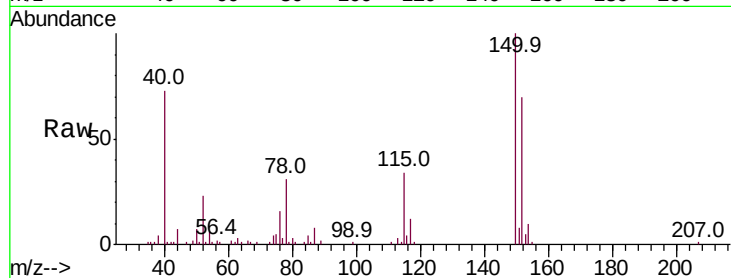
Tot Ion:152 Resp: 28611

Ion Ratio Lower Upper

152 100

150 141.9 112.4 168.6

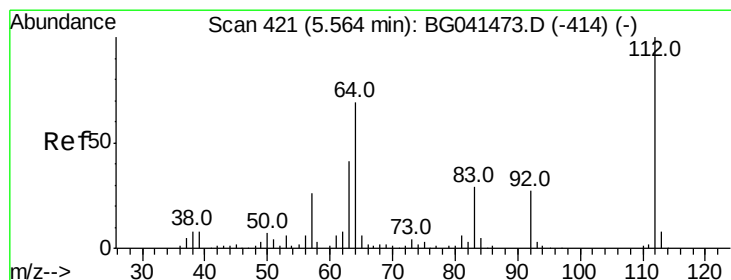
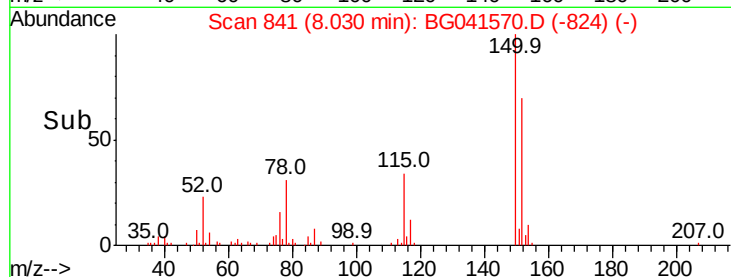
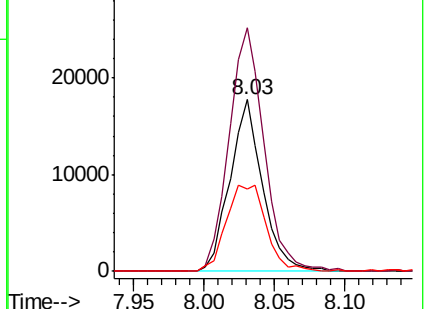
115 48.3 44.6 66.8



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: 60.080 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

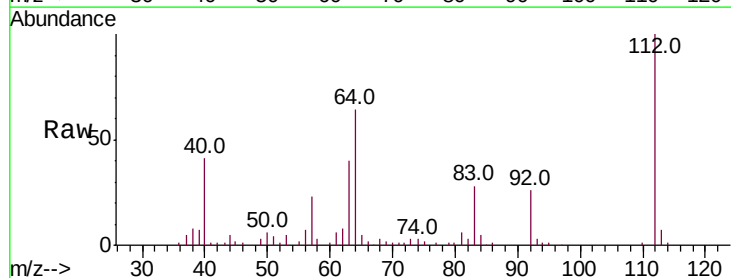
Tgt Ion:112 Resp: 96416

Ion Ratio Lower Upper

112 100

64 64.4 55.1 82.7

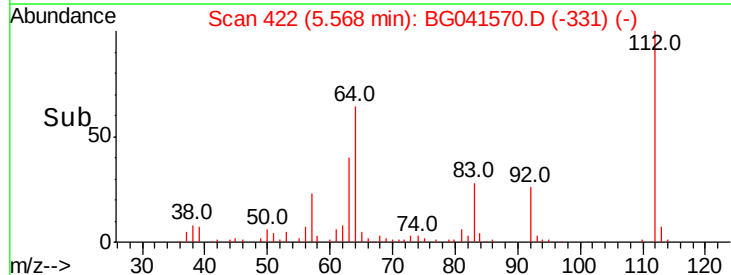
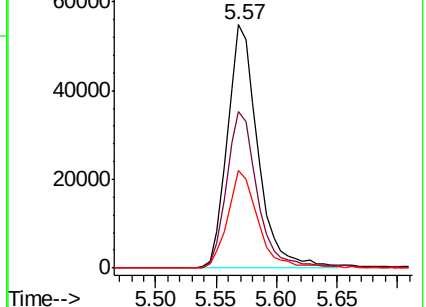
63 40.2 32.4 48.6

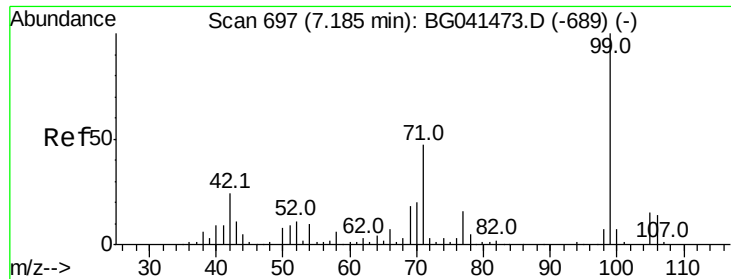


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 35.596 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

Instrument :

BNA_G

ClientSampleId :

SP19-JMW0882

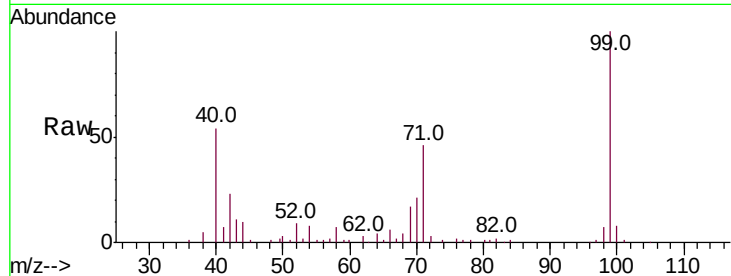
Tot Ion: 99 Resp: 80415

Ion Ratio Lower Upper

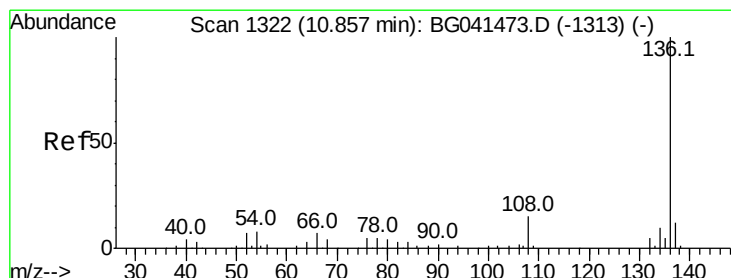
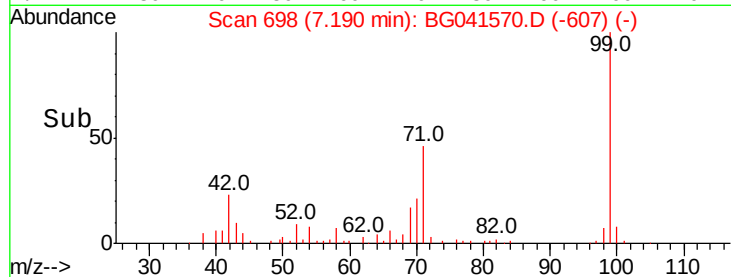
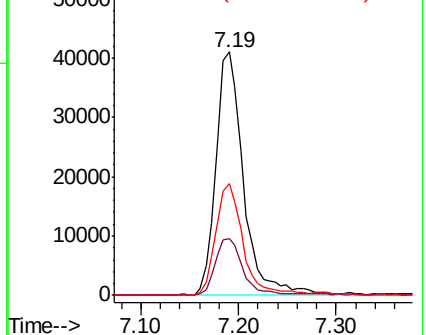
99 100

42 23.5 19.0 28.6

71 46.1 37.4 56.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

Tgt Ion: 136 Resp: 96809

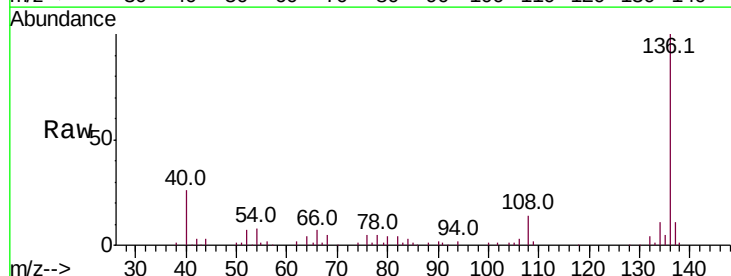
Ion Ratio Lower Upper

136 100

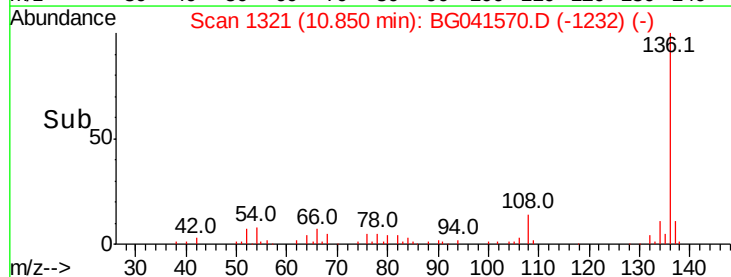
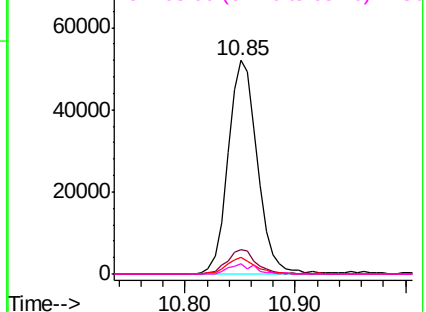
137 11.2 9.3 13.9

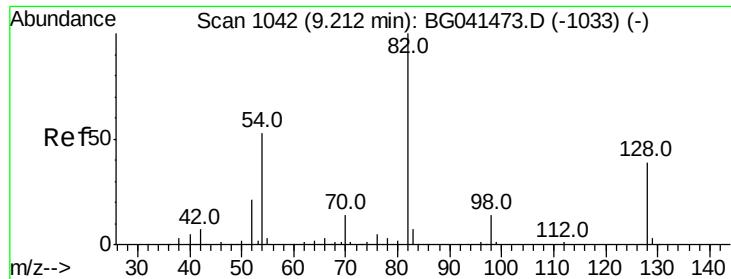
54 7.6 7.1 10.7

68 4.7 3.3 4.9



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

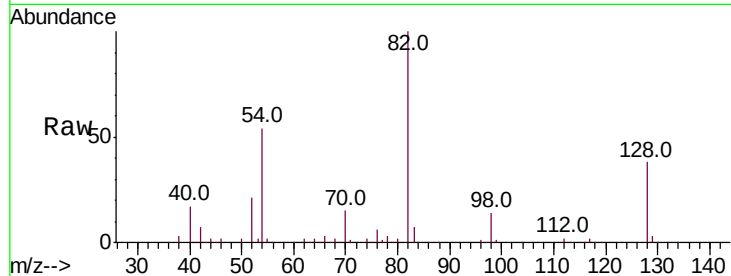




#23
 Nitrobenzene-d5
 Concen: 90.401 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Instrument :
 BNA_G
 ClientSampleId :
 SP19-JMW0882

Tot Ion	82	Resp	209835
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.9	46.3
54	54.4	42.2	63.2

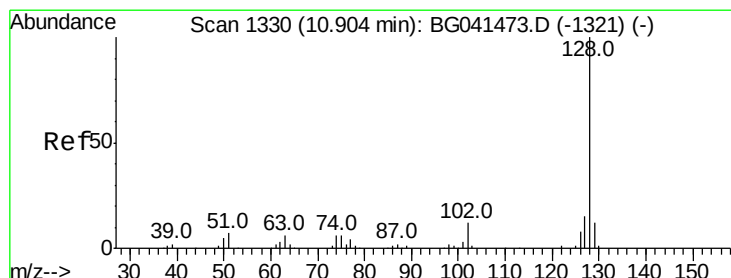
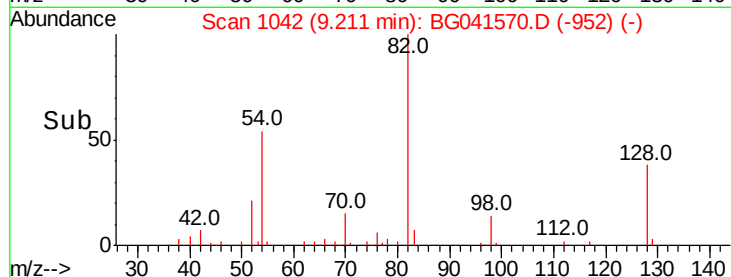
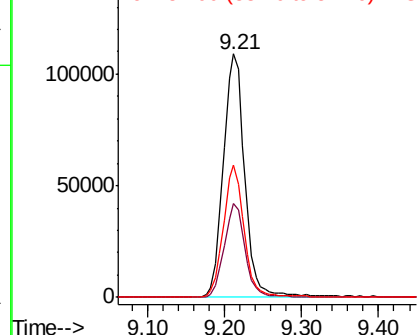


Abundance

Ion 82.00 (81.70 to 82.70): BGC

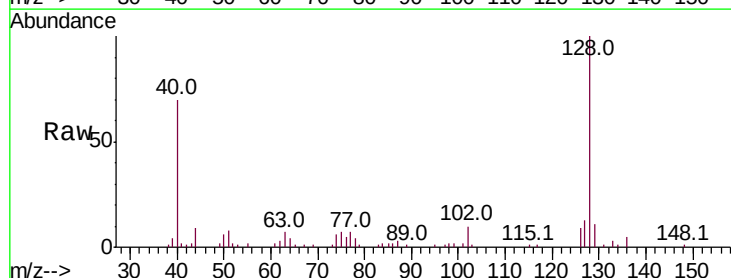
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31
 Naphthalene
 Concen: 5.934 ng
 RT: 10.90 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Tgt Ion	128	Resp	31767
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.7	14.5
127	13.4	11.6	17.4

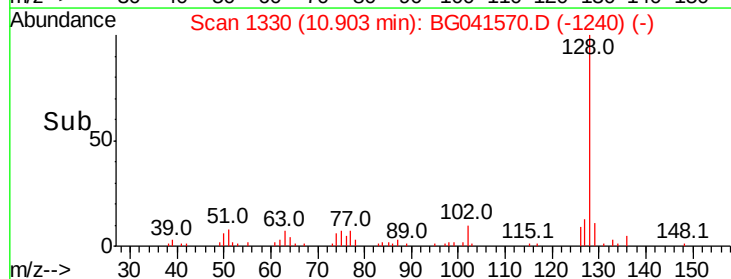
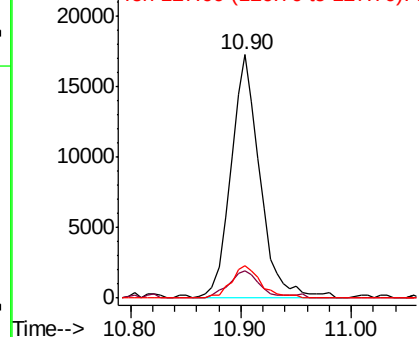


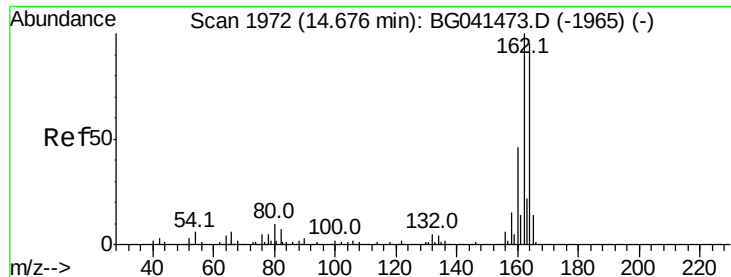
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

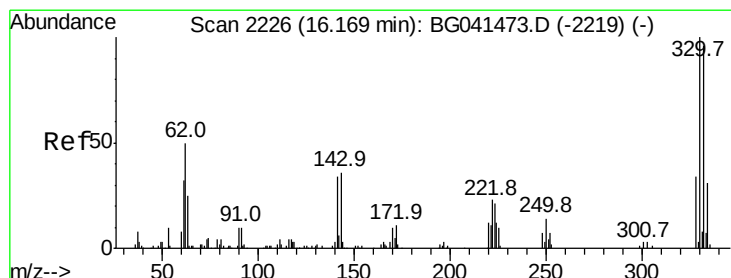
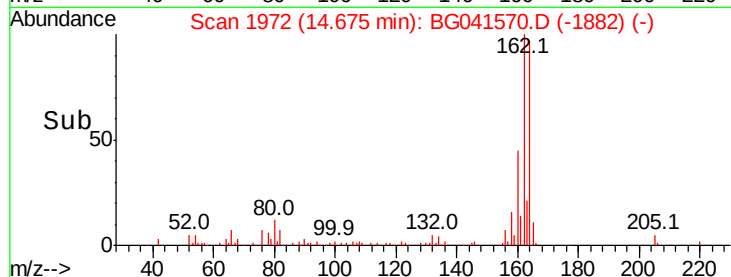
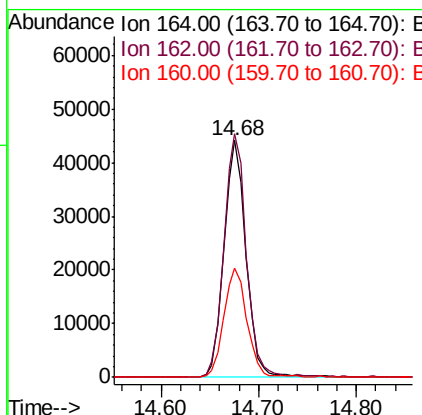
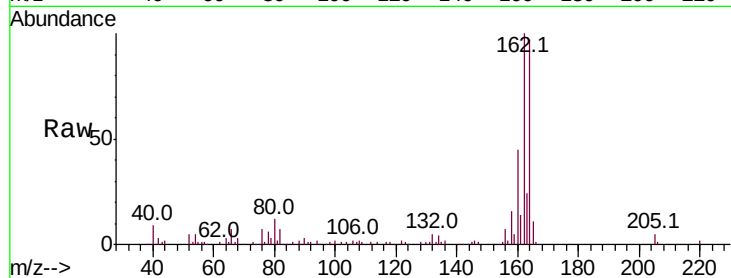




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

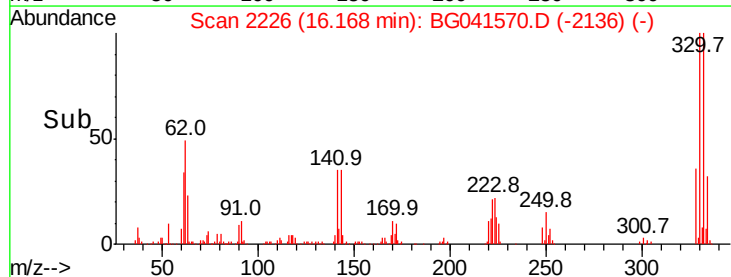
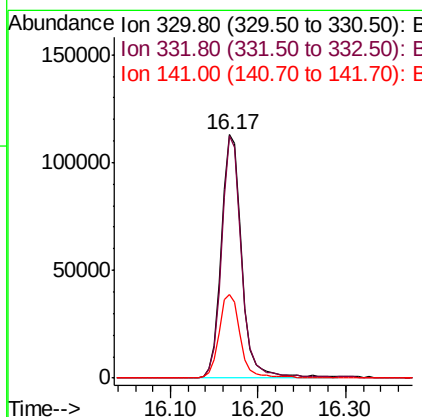
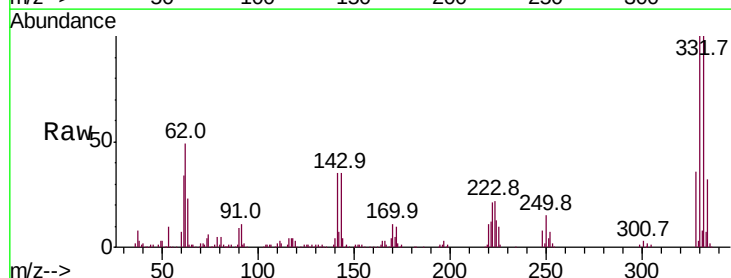
Instrument :
BNA_G
ClientSampleId :
SP19-JMW0882

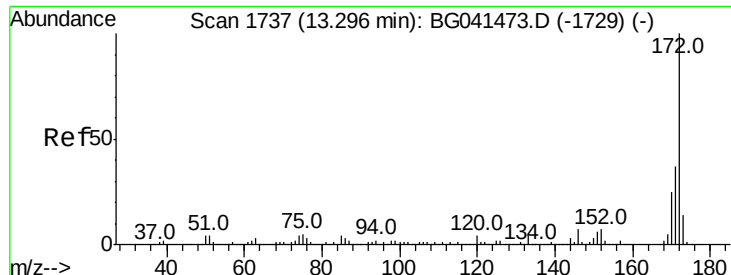
Tot Ion:164 Resp: 69068
Ion Ratio Lower Upper
164 100
162 102.8 84.4 126.6
160 46.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 156.525 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

Tgt Ion:330 Resp: 184589
Ion Ratio Lower Upper
330 100
332 96.6 75.5 113.3
141 35.8 27.8 41.6

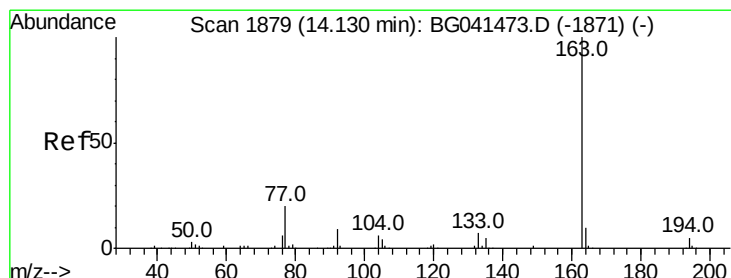
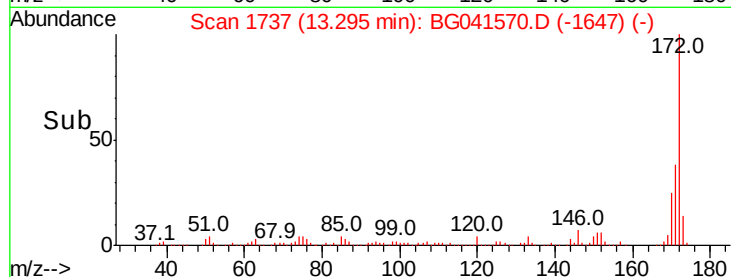
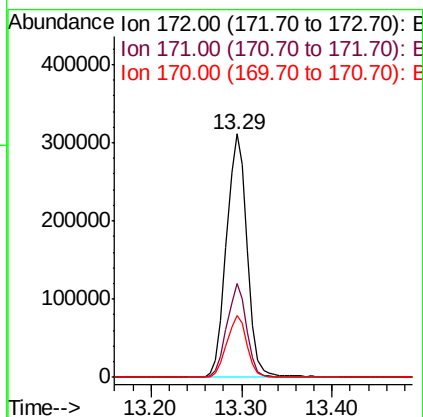
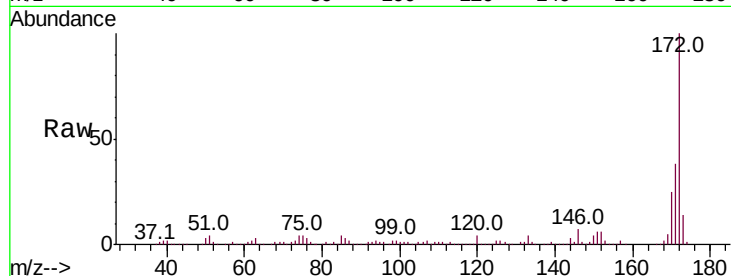




#45
2-Fluorobiphenyl
Concen: 91.875 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

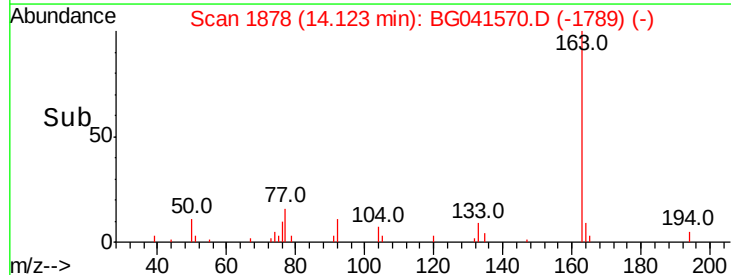
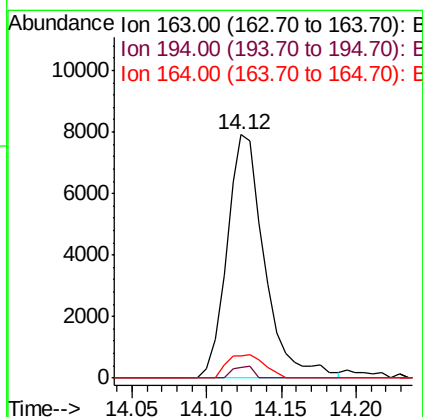
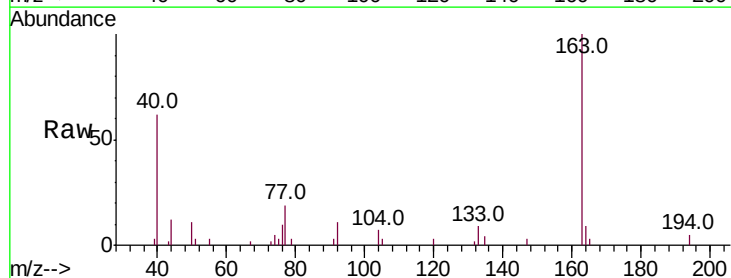
Instrument :
BNA_G
ClientSampleId :
SP19-JMW0882

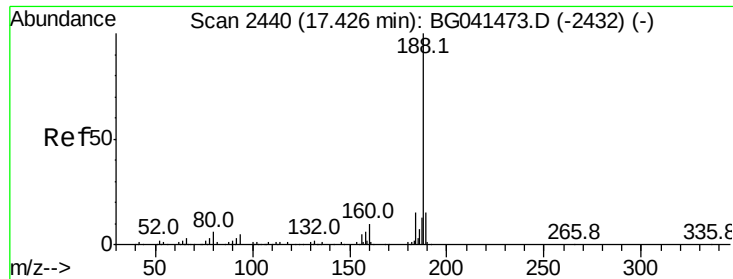
Tot Ion:172 Resp: 494494
Ion Ratio Lower Upper
172 100
171 38.4 29.6 44.4
170 25.3 20.0 30.0



#50
Dimethylphthalate
Concen: 2.205 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

Tgt Ion:163 Resp: 13860
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 9.1 7.8 11.6

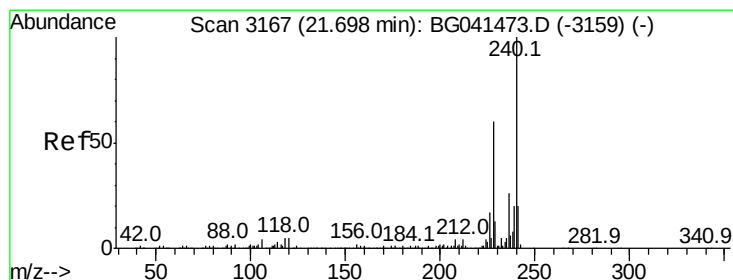
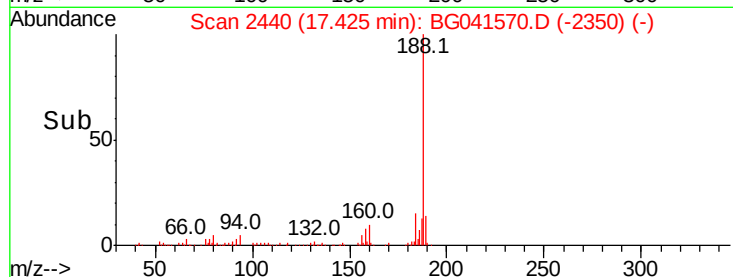
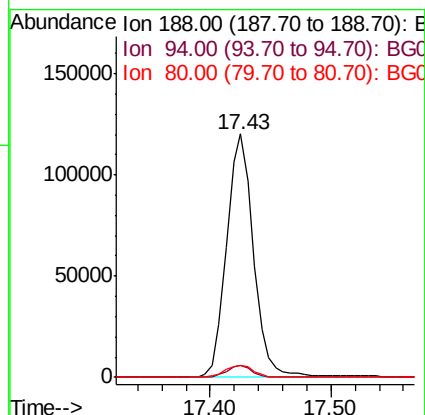
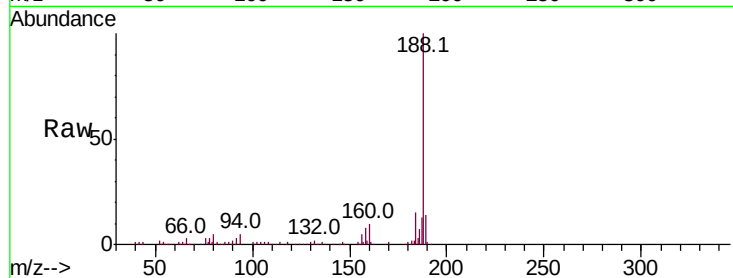




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

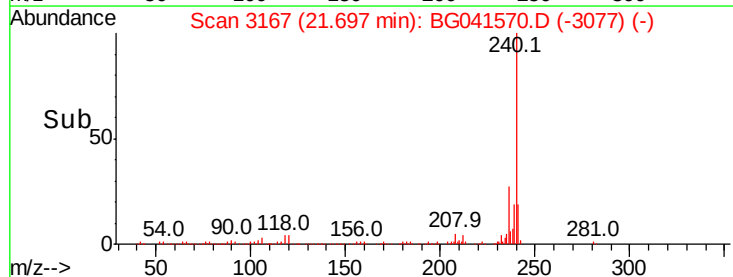
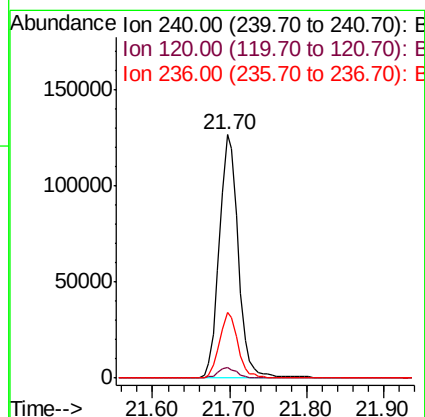
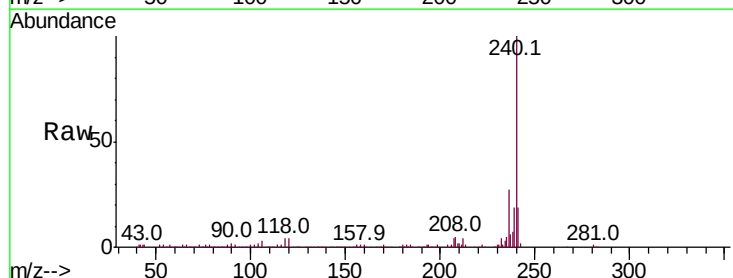
Instrument :
BNA_G
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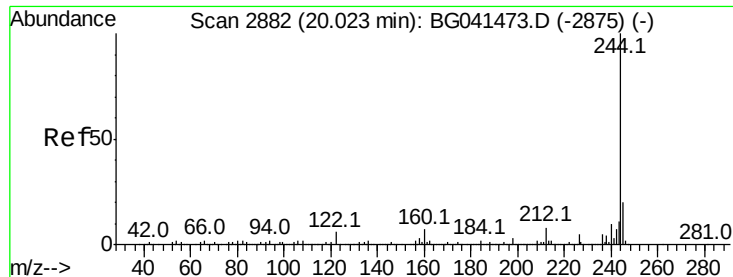
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.8	5.8
80	5.1	4.8	7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.7	5.5
236	26.9	20.8	31.2





#79

Terphenyl-d14

Concen: 104.405 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

Instrument :

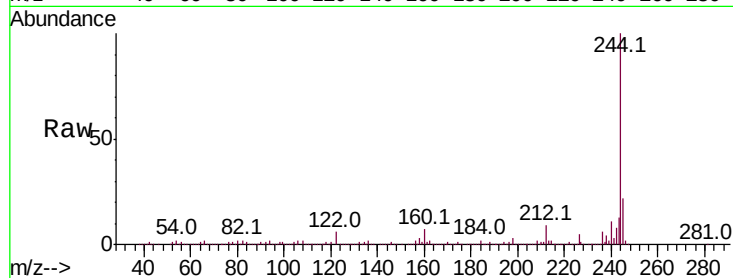
BNA_G

ClientSampleId :

SP19-JMW0882

Tot Ion:244 Resp: 1059253

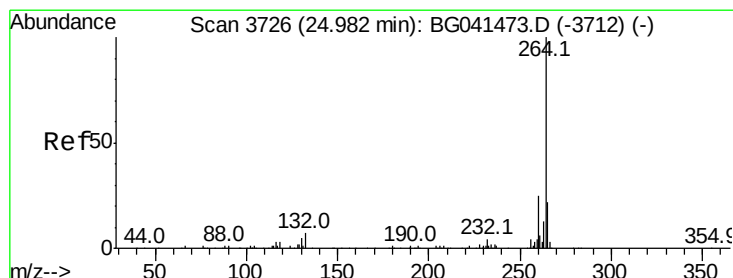
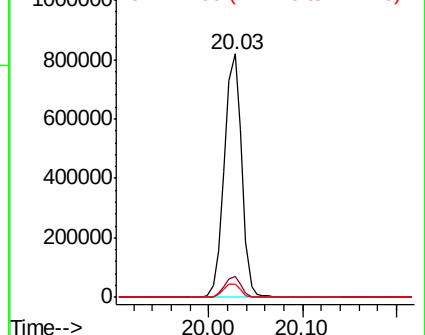
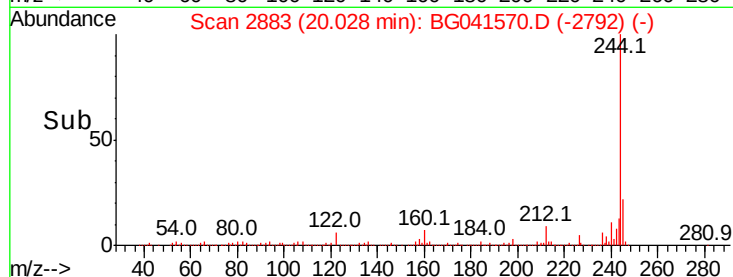
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.4
122	5.5	4.8	7.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

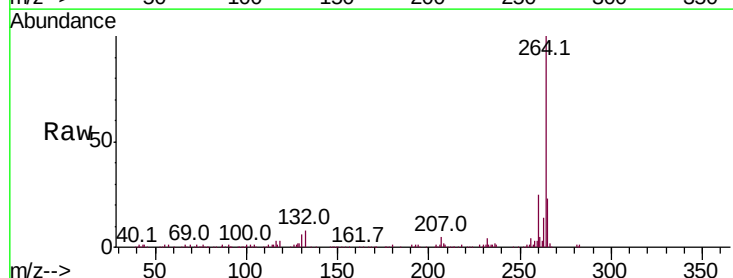
Delta R.T. 0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

Tgt Ion:264 Resp: 227194

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	23.0	17.4	26.2



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

