

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024616.D
 Acq On : 2 Nov 2016 7:01
 Operator : UM/SJ
 Sample : H5489-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-68-8.5-9.0

Quant Time: Nov 02 07:54:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

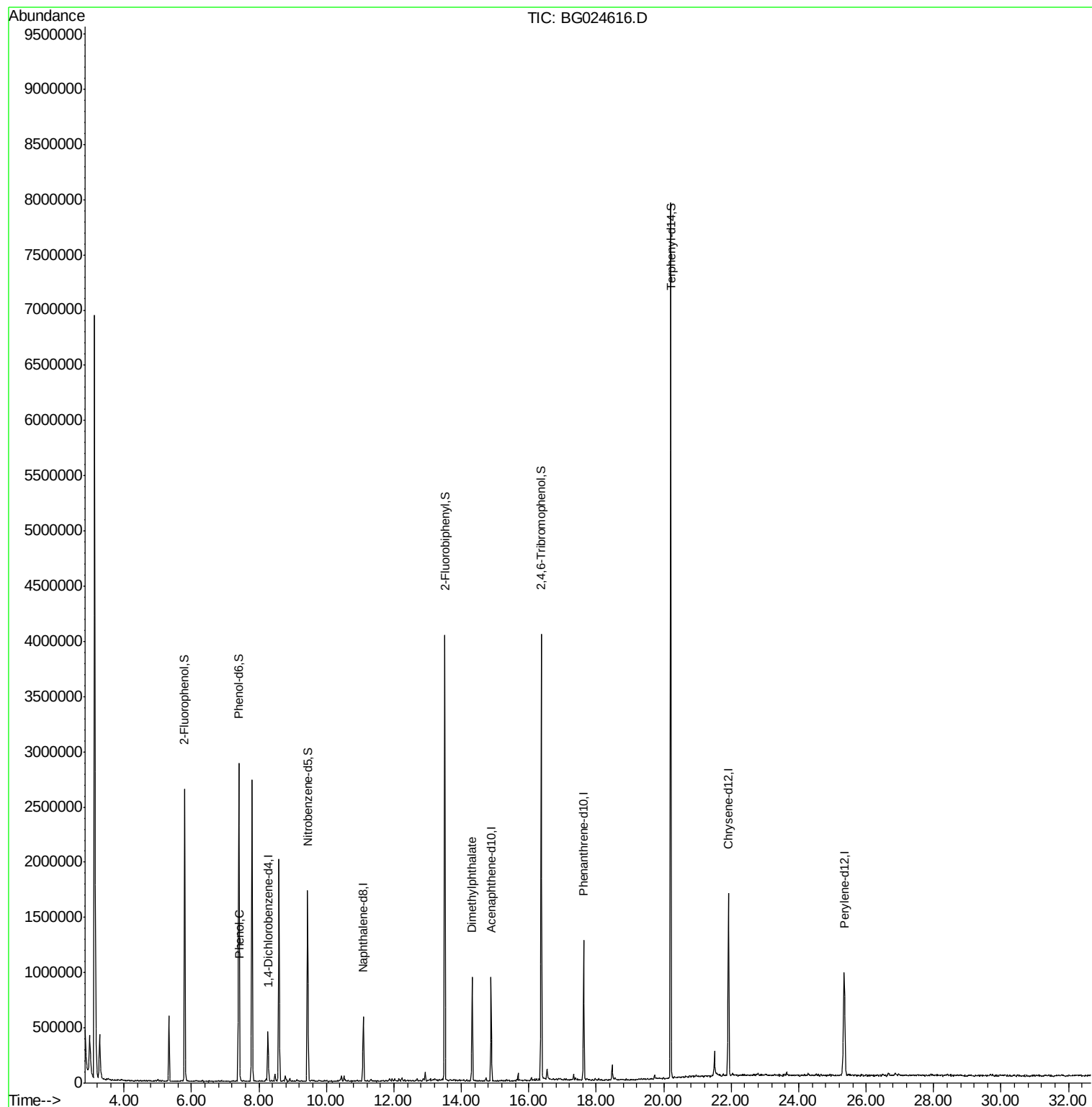
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	126436	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	478006	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	360641	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	781801	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1116164	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1157298	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1082765	140.36	ng	0.00
7) Phenol-d6	7.41	99	1534491	145.01	ng	0.00
23) Nitrobenzene-d5	9.45	82	1085091	103.35	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	810707	150.47	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2063604	95.11	ng	0.00
78) Terphenyl-d14	20.20	244	3252273	87.07	ng	-0.01
Target Compounds						
10) Phenol	7.43	94	23898	2.19	ng	83
49) Dimethylphthalate	14.32	163	595274	23.25	ng	100

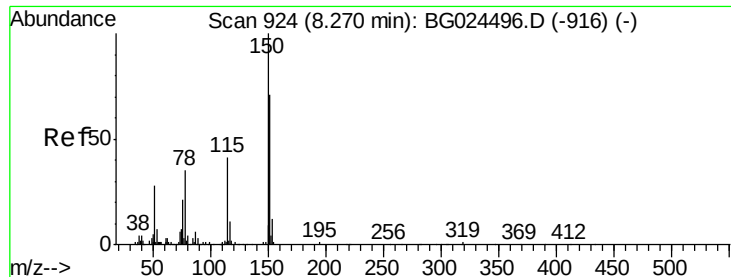
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024616.D
Acq On : 2 Nov 2016 7:01
Operator : UM/SJ
Sample : H5489-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-68-8.5-9.0

Quant Time: Nov 02 07:54:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

Instrument :

BNA_G

ClientSampleId :

SB-68-8.5-9.0

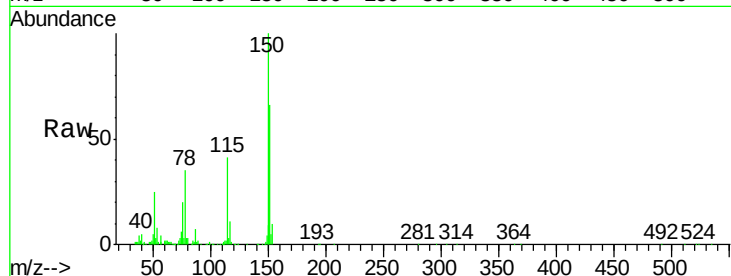
Tot Ion:152 Resp: 126436

Ion Ratio Lower Upper

152 100

150 150.9 114.0 171.0

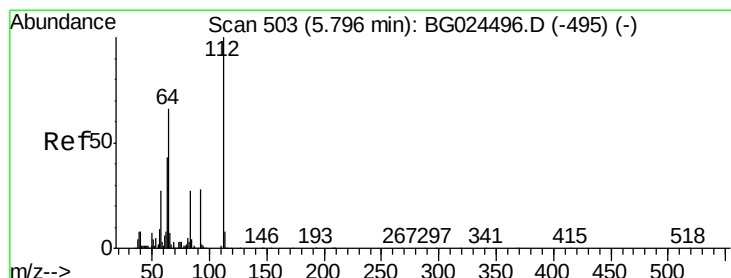
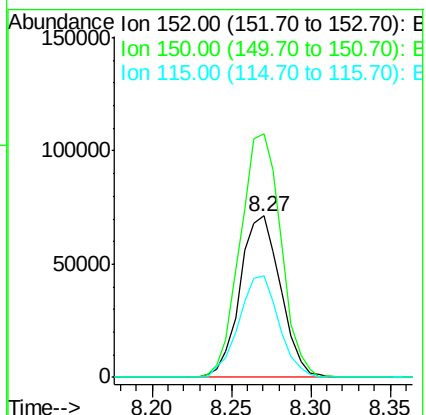
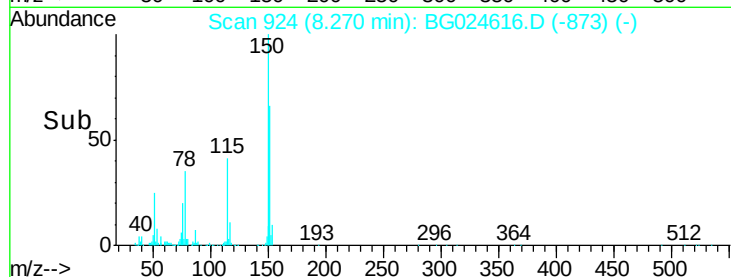
115 62.6 48.1 72.1



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: 140.36 ng

RT: 5.80 min Scan# 503

Delta R.T. 0.00 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

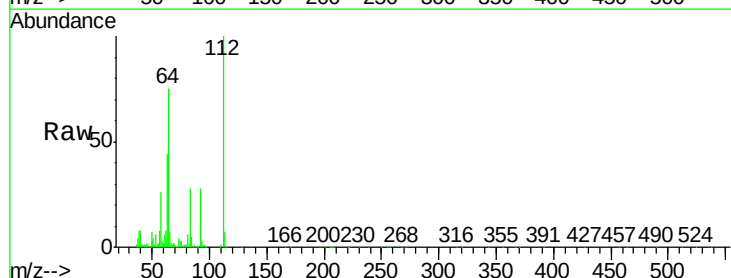
Tgt Ion:112 Resp: 1082765

Ion Ratio Lower Upper

112 100

64 74.6 61.8 92.6

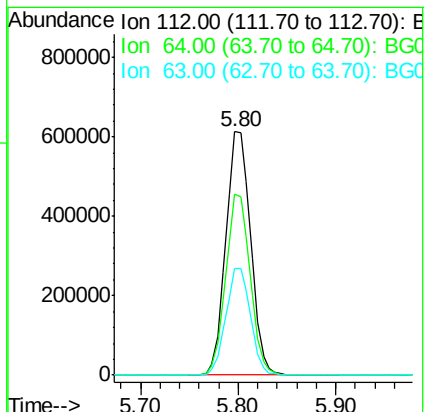
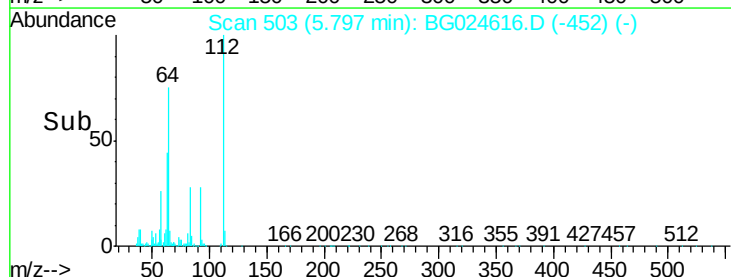
63 43.7 37.2 55.8

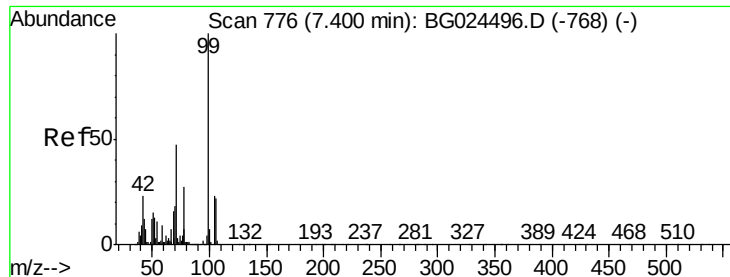


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.01 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

Instrument :

BNA_G

ClientSampleId :

SB-68-8.5-9.0

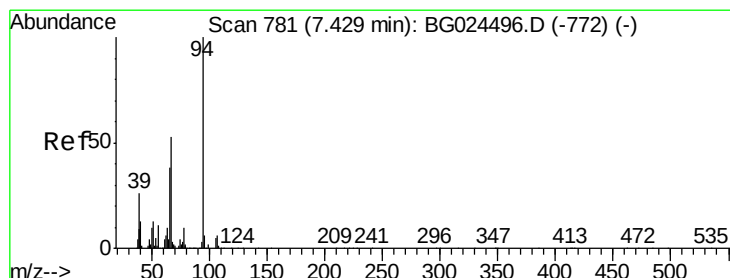
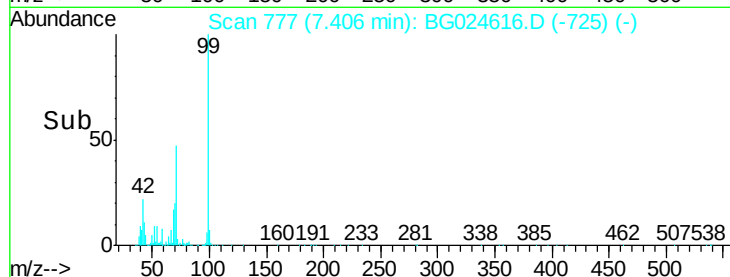
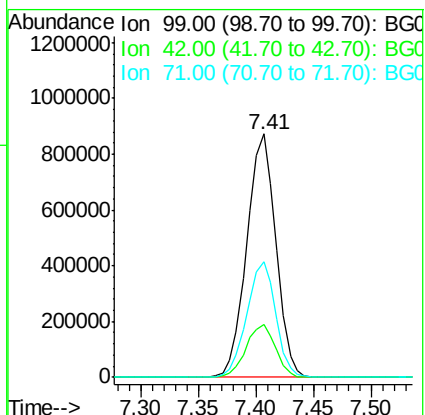
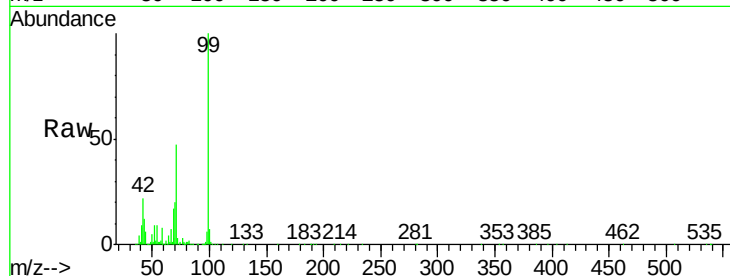
Tot Ion: 99 Resp: 1534491

Ion	Ratio	Lower	Upper
99	100		
42	22.0	20.5	30.7
71	47.3	37.6	56.4

99 100

42 22.0 20.5 30.7

71 47.3 37.6 56.4



#10

Phenol

Concen: 2.19 ng

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

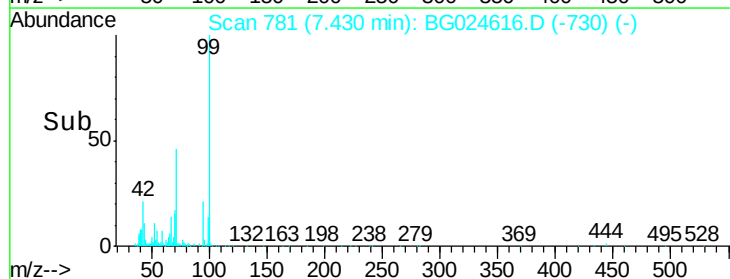
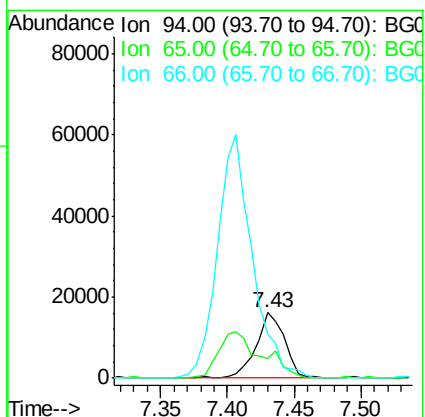
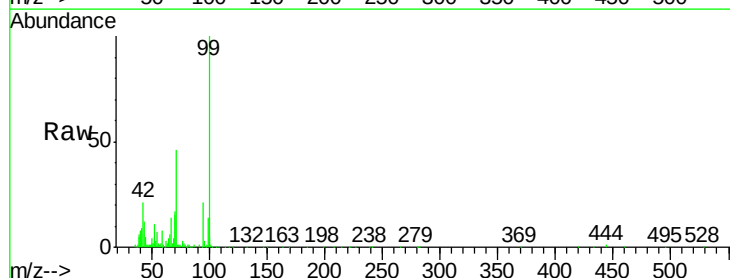
Tgt Ion: 94 Resp: 23898

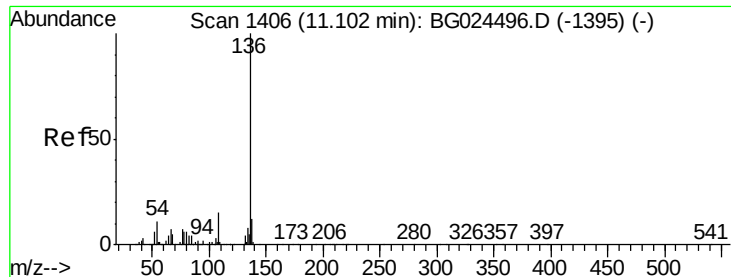
Ion	Ratio	Lower	Upper
94	100		
65	29.3	20.6	60.6
66	67.6	35.5	75.5

94 100

65 29.3 20.6 60.6

66 67.6 35.5 75.5

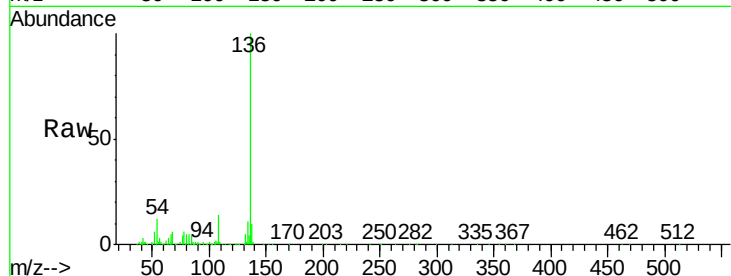




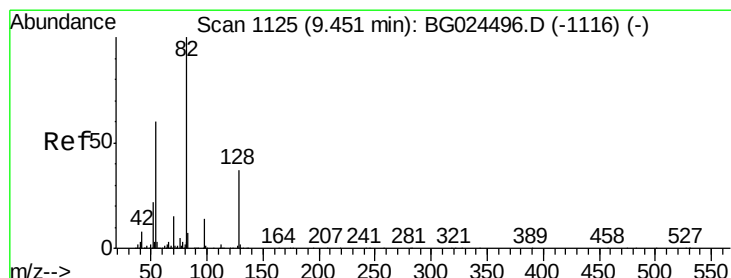
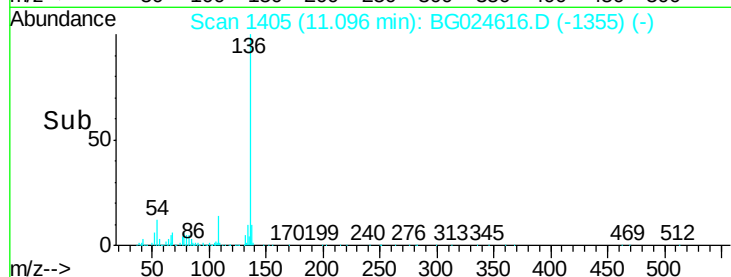
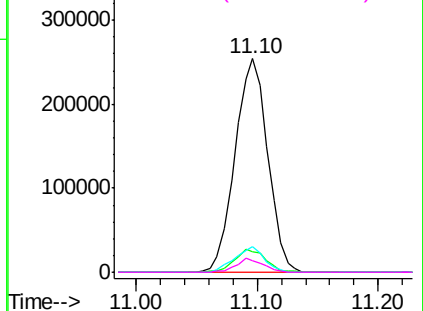
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024616.D
Acq: 2 Nov 2016 7:01

Instrument :
BNA_G
ClientSampleId :
SB-68-8.5-9.0

Tot Ion:136	Resp:	478006	
Ion Ratio	Lower	Upper	
136 100			
137 9.6	8.9	13.3	
54 12.0	9.3	13.9	
68 5.6	5.1	7.7	

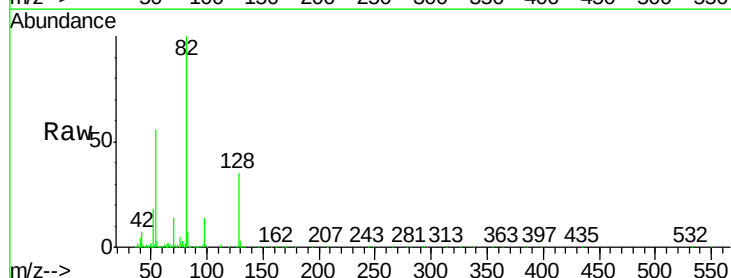


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

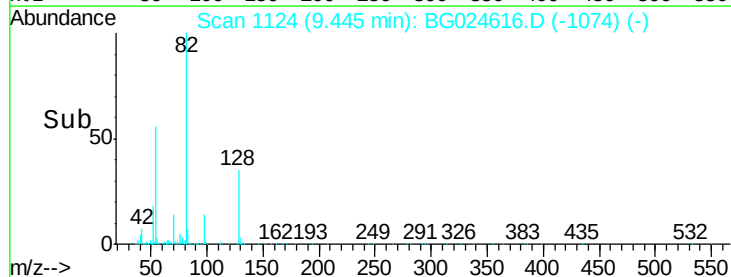
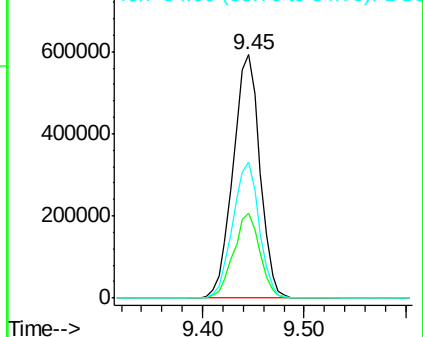


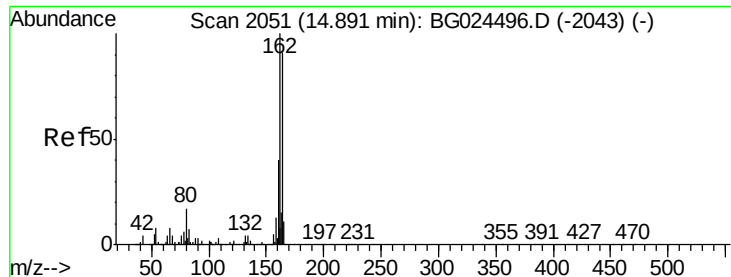
#23
Nitrobenzene-d5
Concen: 103.35 ng
RT: 9.45 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024616.D
Acq: 2 Nov 2016 7:01

Tgt Ion: 82	Resp: 1085091
Ion Ratio	Lower Upper
82 100	
128 35.0	26.4 39.6
54 55.7	49.4 74.2



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: 14.89 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

Instrument :

BNA_G

ClientSampleId :

SB-68-8.5-9.0

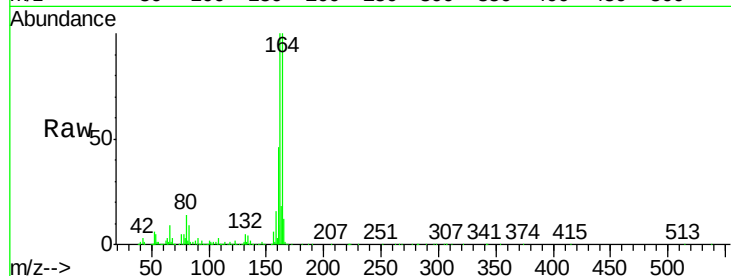
Tot Ion:164 Resp: 360641

Ion Ratio Lower Upper

164 100

162 99.9 85.1 127.7

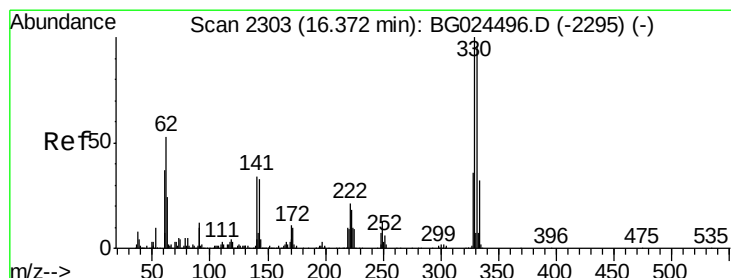
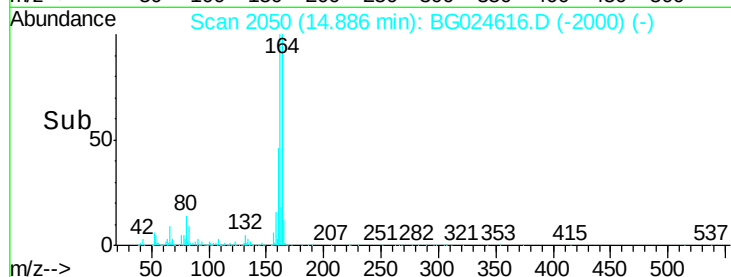
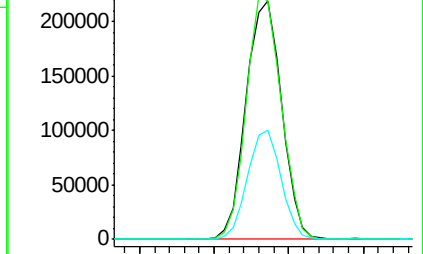
160 46.0 34.7 52.1



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: 150.47 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

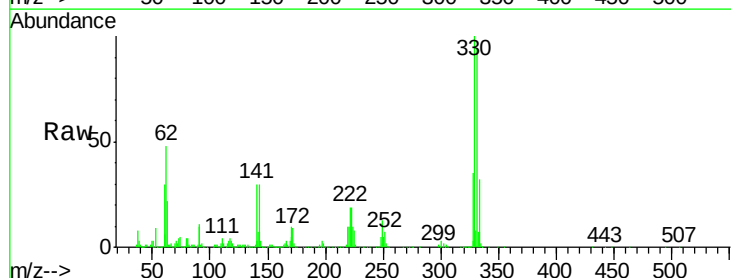
Tgt Ion:330 Resp: 810707

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

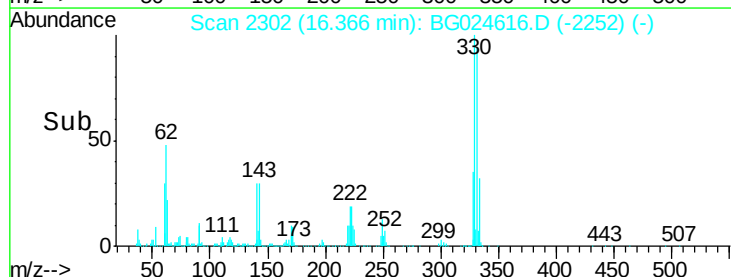
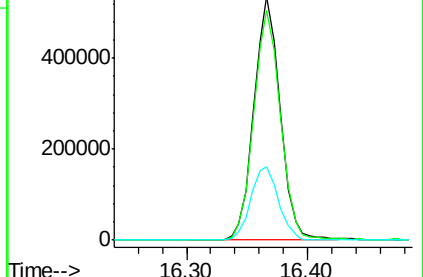
141 31.8 32.1 48.1#

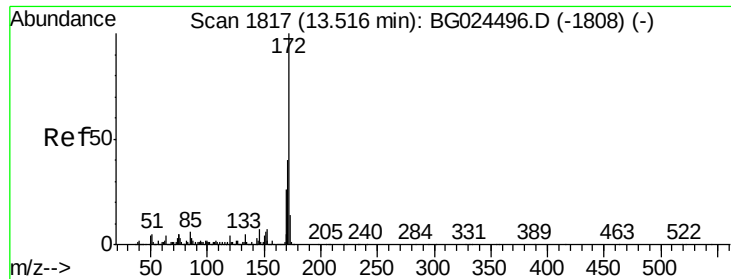


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

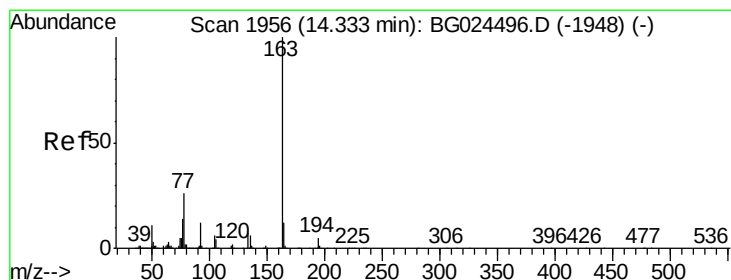
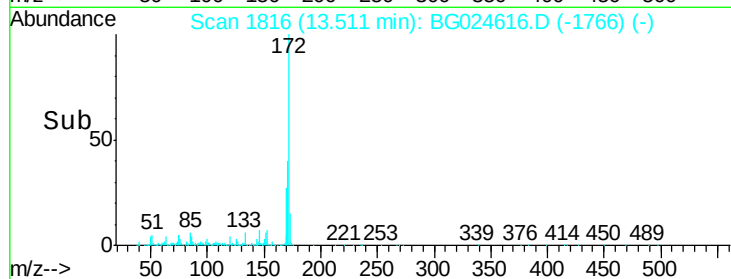
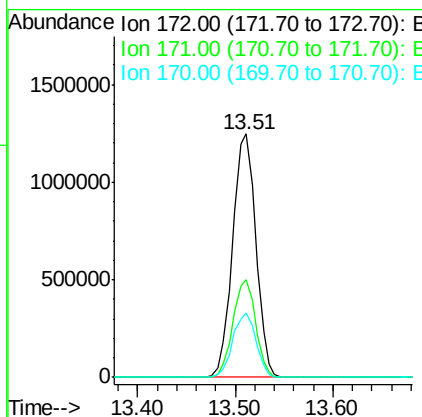
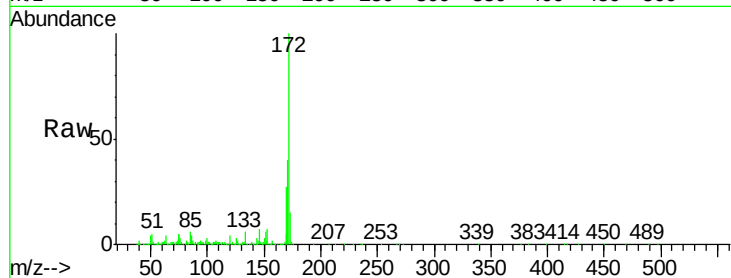




#44
2-Fluorobiphenyl
Concen: 95.11 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024616.D
Acq: 2 Nov 2016 7:01

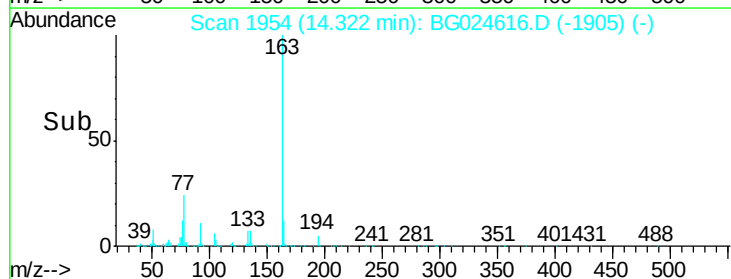
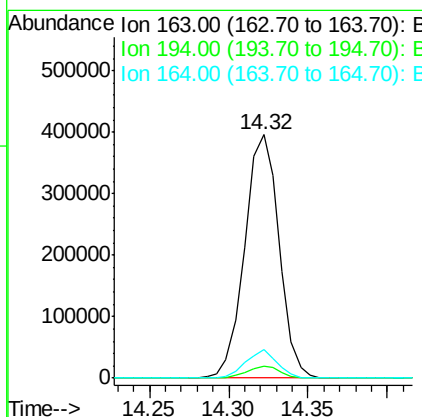
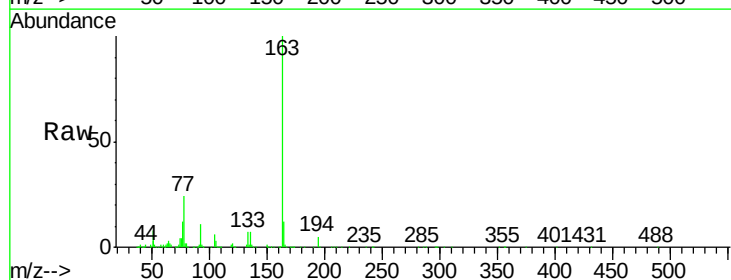
Instrument :
BNA_G
ClientSampleId :
SB-68-8.5-9.0

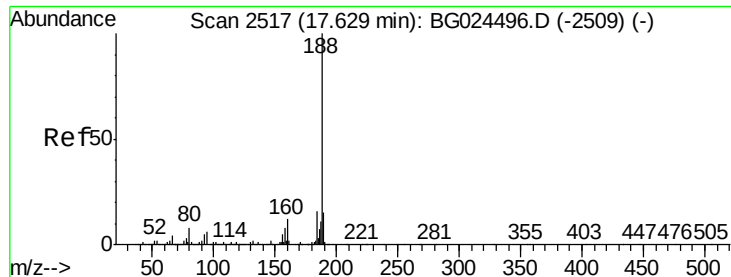
Tot Ion:172 Resp: 2063604
Ion Ratio Lower Upper
172 100
171 40.3 32.2 48.2
170 26.6 21.8 32.6



#49
Dimethylphthalate
Concen: 23.25 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024616.D
Acq: 2 Nov 2016 7:01

Tgt Ion:163 Resp: 595274
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 11.5 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

Instrument :

BNA_G

ClientSampleId :

SB-68-8.5-9.0

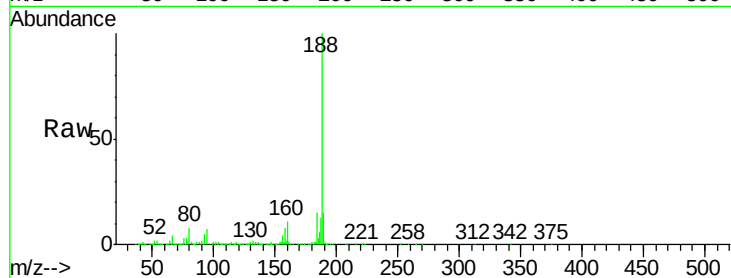
Tot Ion:188 Resp: 781801

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.8

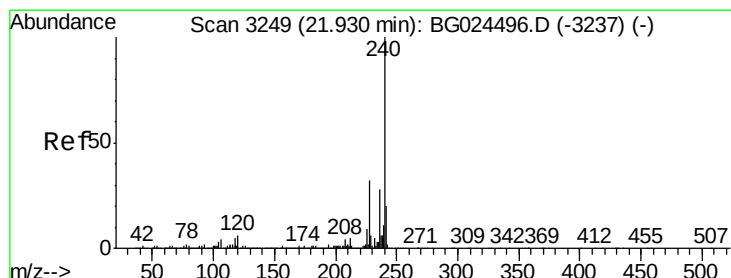
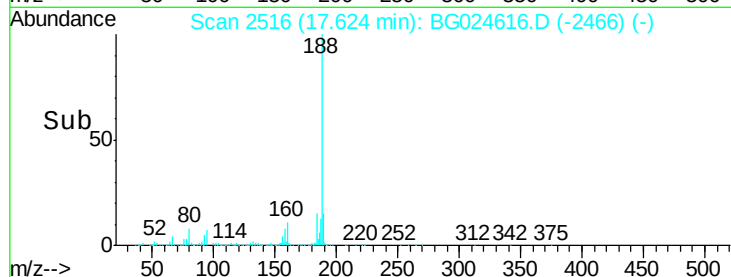
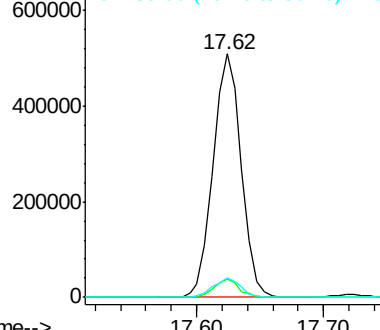
80 7.9 7.5 11.3



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: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

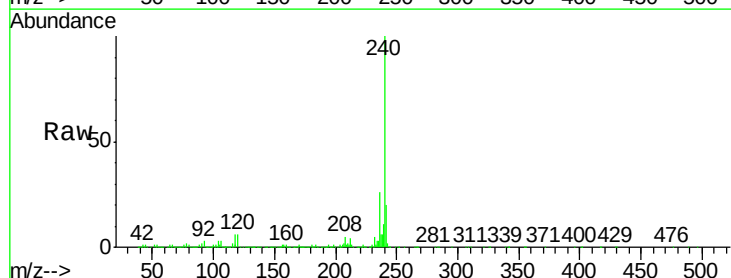
Tgt Ion:240 Resp: 1116164

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

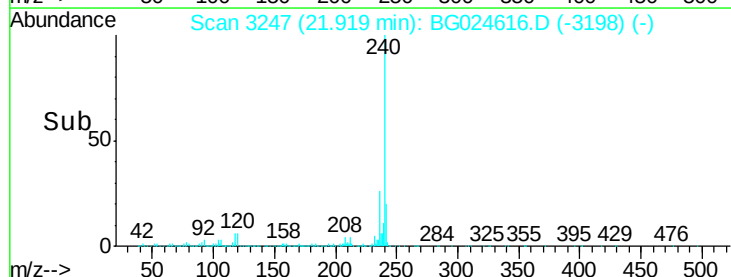
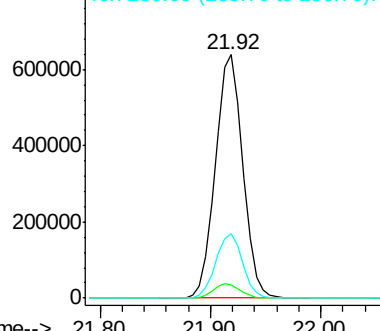
236 26.3 22.2 33.4

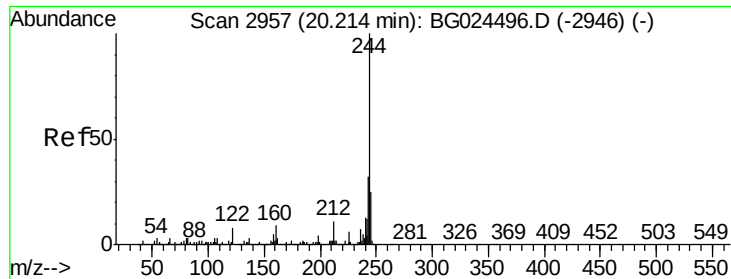


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.07 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

Instrument :

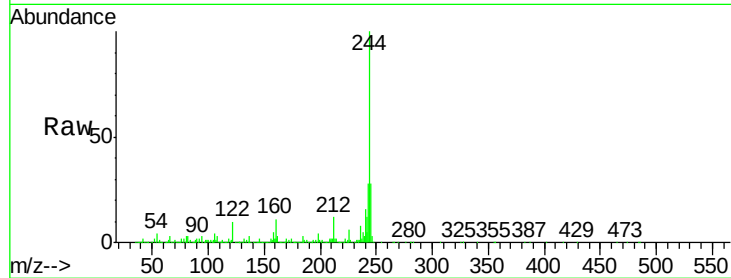
BNA_G

ClientSampled :

SB-68-8.5-9.0

Tot Ion:244 Resp: 3252273

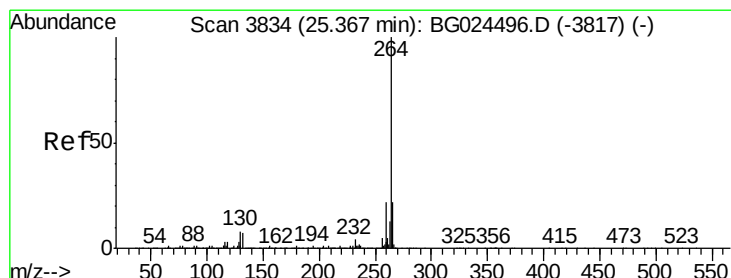
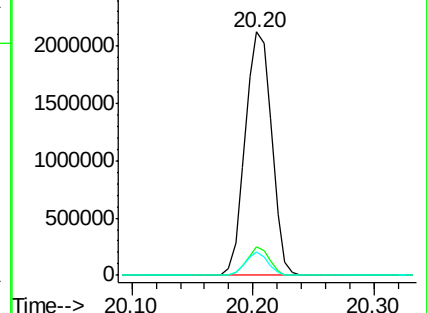
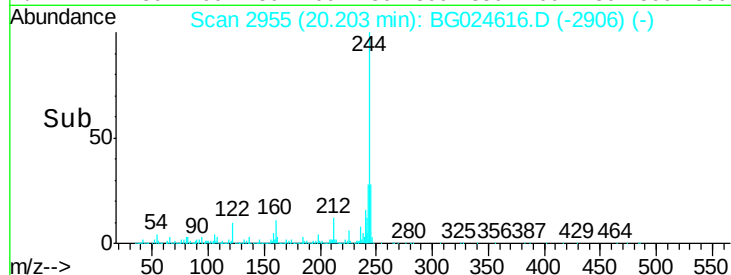
Ion	Ratio	Lower	Upper
244	100		
212	11.8	10.0	15.0
122	9.6	8.6	12.8



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: 25.35 min Scan# 3831

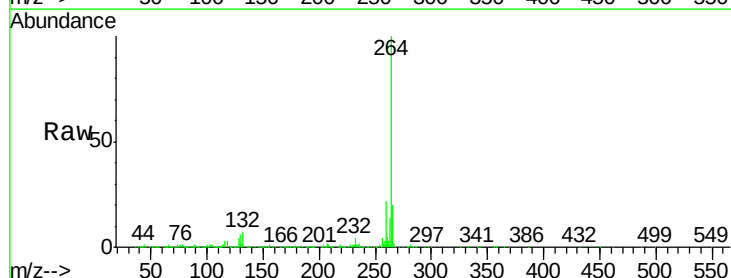
Delta R.T. -0.02 min

Lab File: BG024616.D

Acq: 2 Nov 2016 7:01

Tgt Ion:264 Resp: 1157298

Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	20.4	18.2	27.4



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

