

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043620.D
 Acq On : 13 Nov 2019 19:59
 Operator : JU
 Sample : PB124721BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124721BL

Quant Time: Nov 14 03:23:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

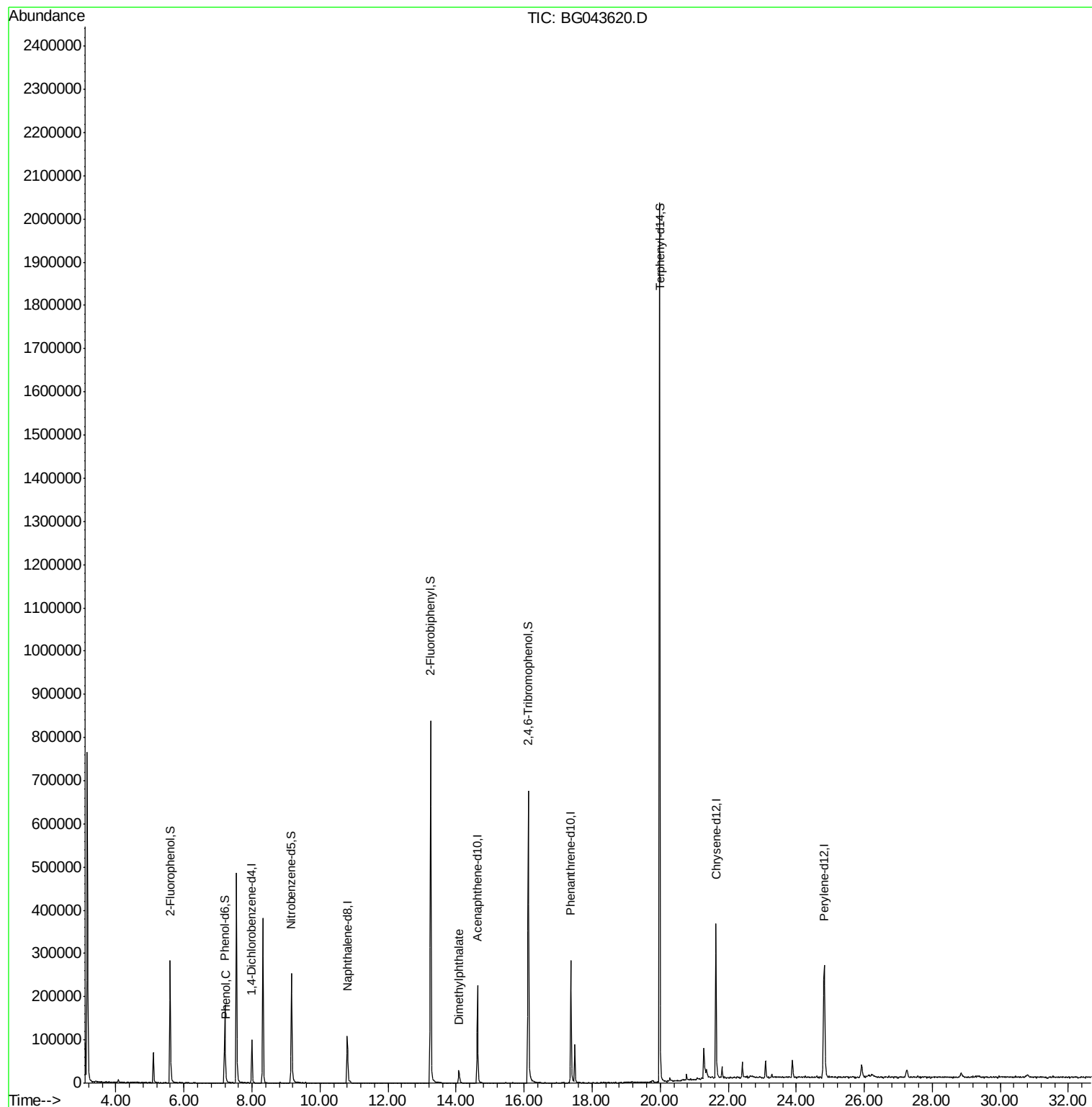
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	30613	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	118424	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	89363	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	221343	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	246198	20.00	ng	-0.02
87) Perylene-d12	24.82	264	292316	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	138919	83.15	ng	0.00
7) Phenol-d6	7.20	99	122248	50.86	ng	0.00
23) Nitrobenzene-d5	9.16	82	178709	77.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	177876	104.60	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	514363	79.53	ng	-0.01
79) Terphenyl-d14	19.99	244	1130780	86.17	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	4594	2.092	ng	81
50) Dimethylphthalate	14.09	163	31445	4.543	ng	96

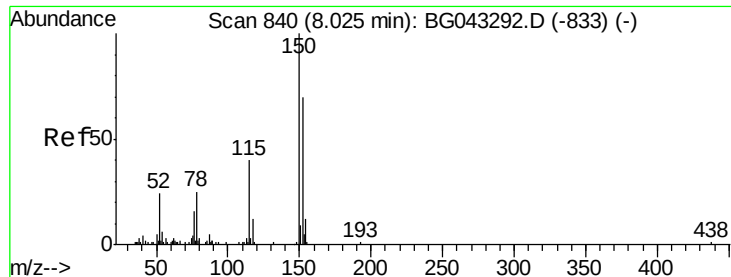
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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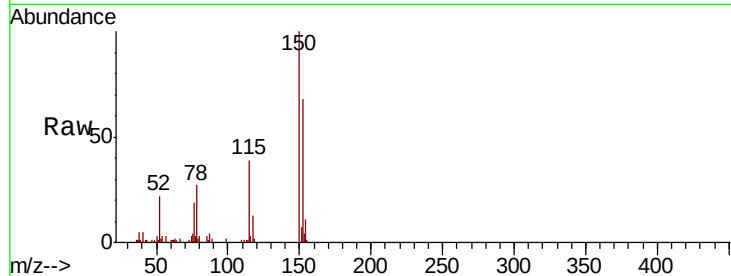


#1

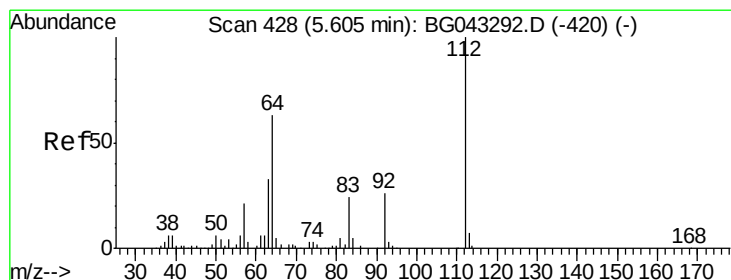
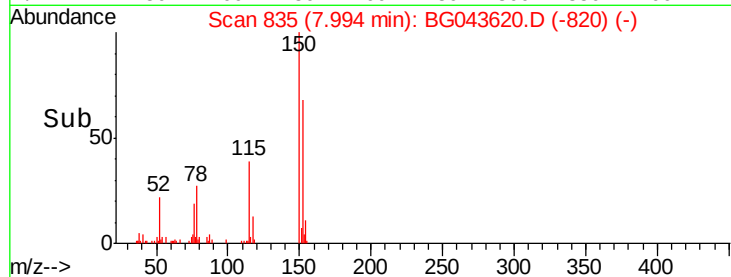
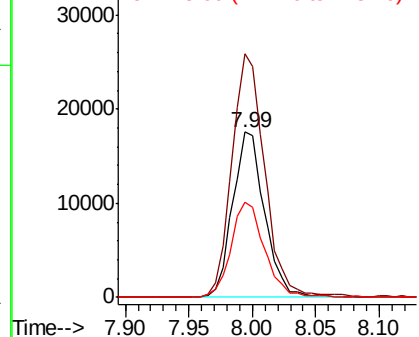
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043620.D
Acq: 13 Nov 2019 19:59

Instrument :
BNA_G
ClientSampleId :
PB124721BL

Tot Ion:152 Resp: 30613
Ion Ratio Lower Upper
152 100
150 147.6 129.4 194.0
115 57.7 48.8 73.2



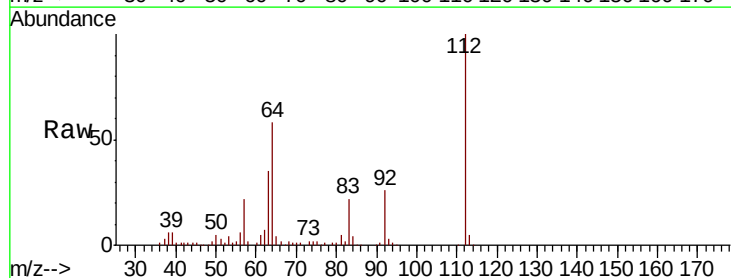
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



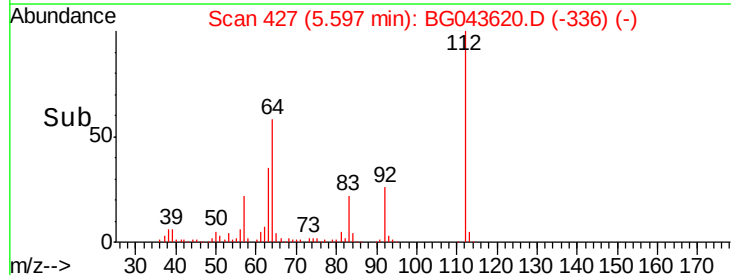
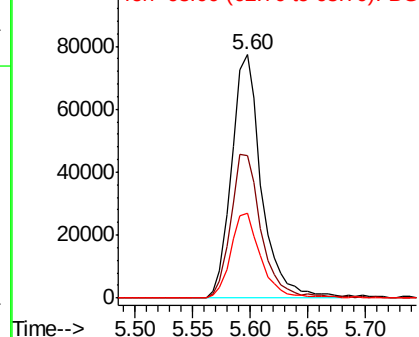
#5

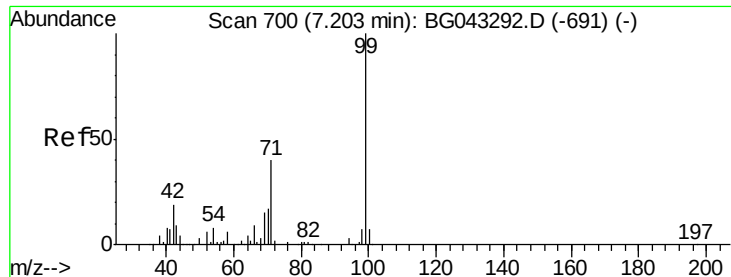
2-Fluorophenol
Concen: 83.155 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043620.D
Acq: 13 Nov 2019 19:59

Tgt Ion:112 Resp: 138919
Ion Ratio Lower Upper
112 100
64 58.4 50.0 75.0
63 34.7 26.6 40.0



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: 50.860 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

Instrument :

BNA_G

ClientSampleId :

PB124721BL

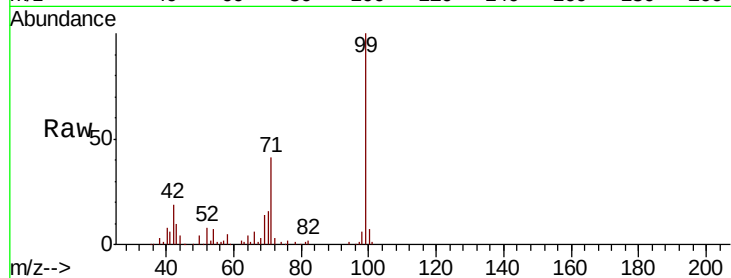
Tot Ion: 99 Resp: 122248

Ion Ratio Lower Upper

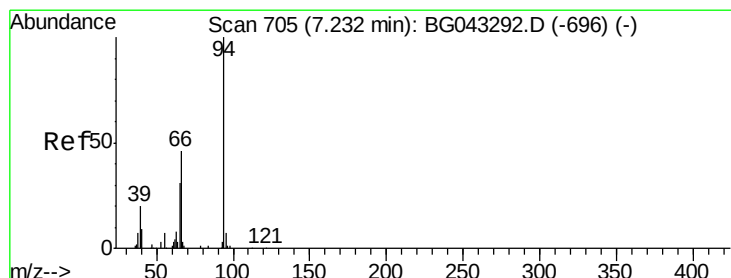
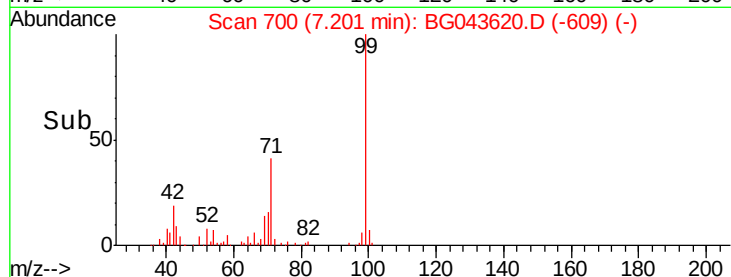
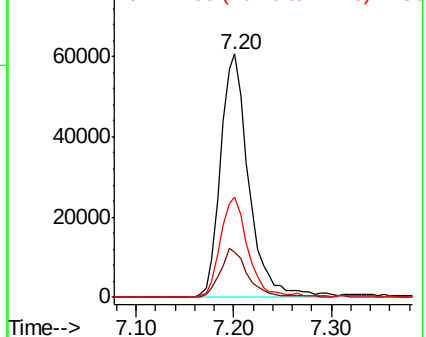
99 100

42 18.8 14.6 21.8

71 41.0 32.5 48.7



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: 2.092 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

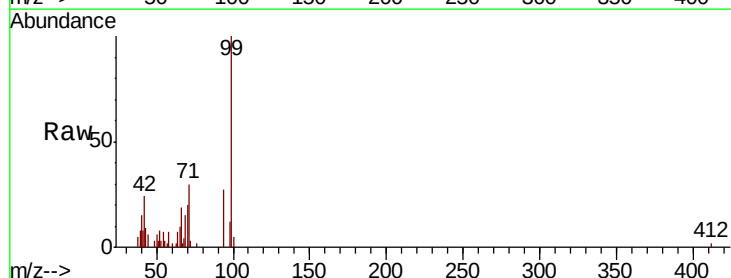
Tgt Ion: 94 Resp: 4594

Ion Ratio Lower Upper

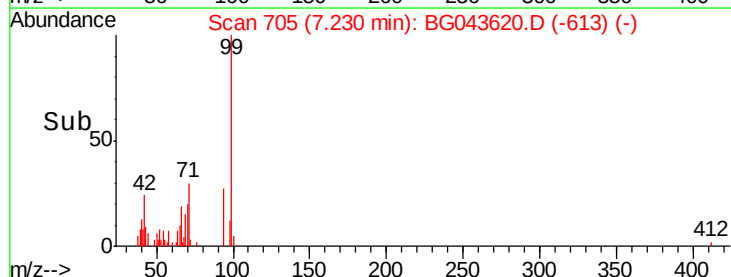
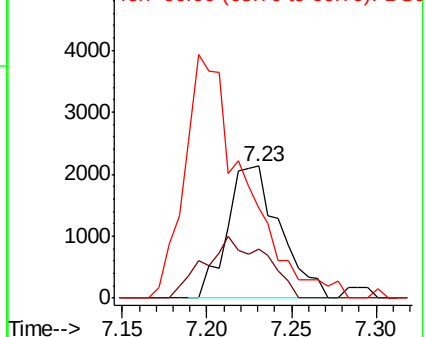
94 100

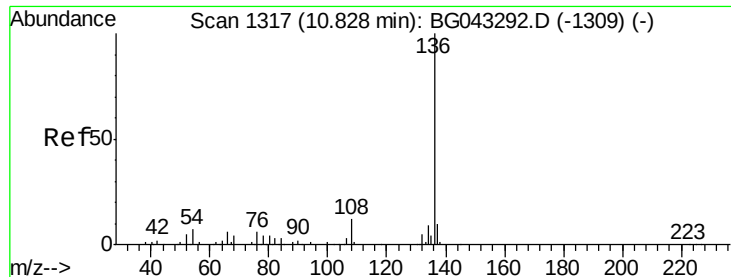
65 37.3 12.6 52.6

66 68.2 30.7 70.7



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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

Instrument :

BNA_G

ClientSampleId :

PB124721BL

Tot Ion:136 Resp: 118424

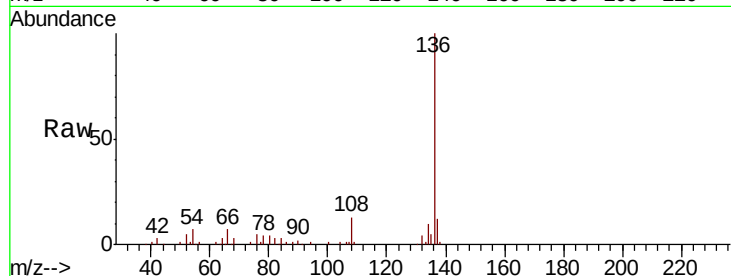
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 7.0 5.4 8.2

68 3.4 3.0 4.4

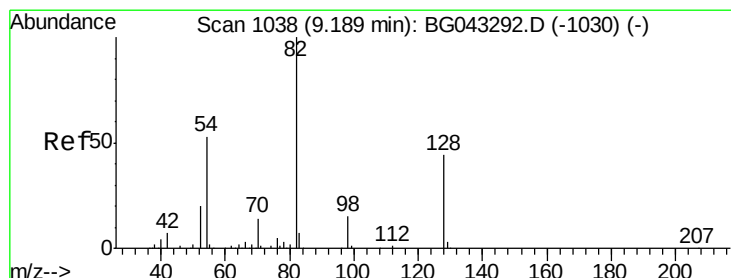
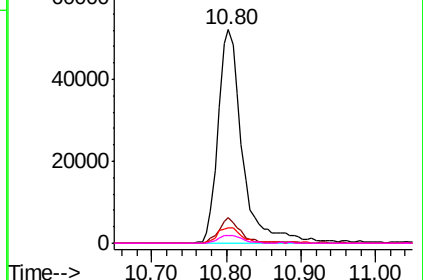
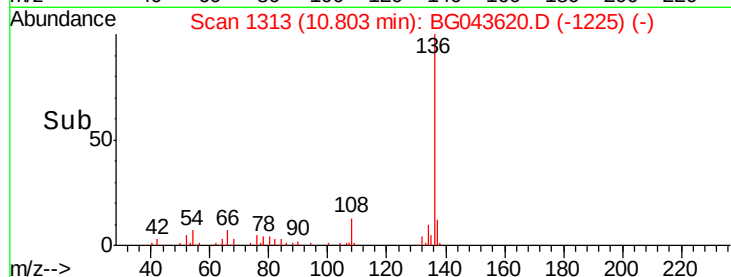


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.799 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

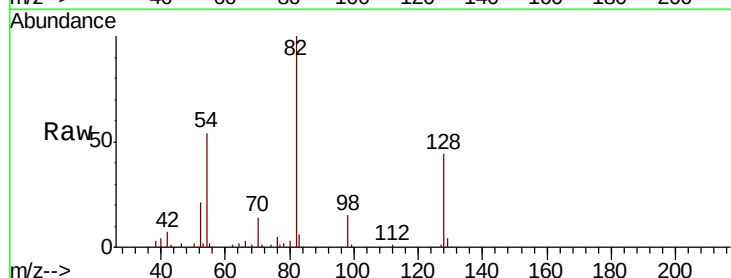
Tgt Ion: 82 Resp: 178709

Ion Ratio Lower Upper

82 100

128 44.3 35.0 52.6

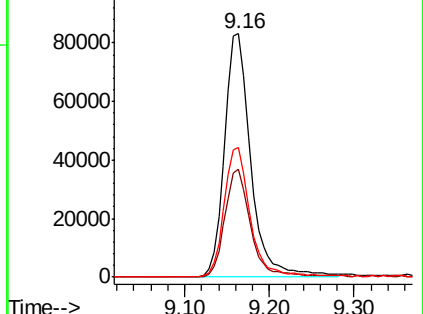
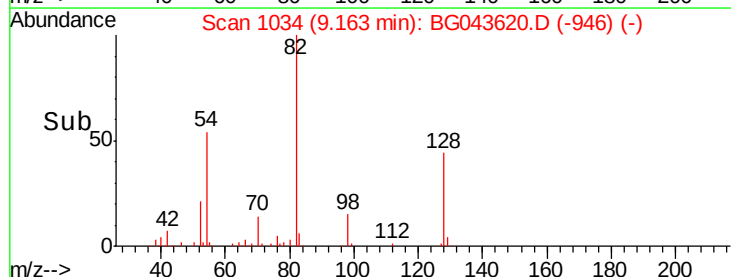
54 53.5 40.2 60.2

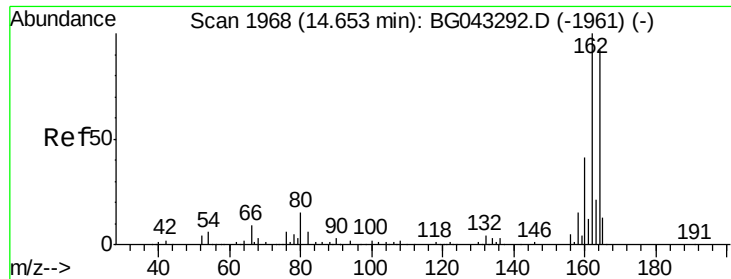


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

Instrument :

BNA_G

ClientSampleId :

PB124721BL

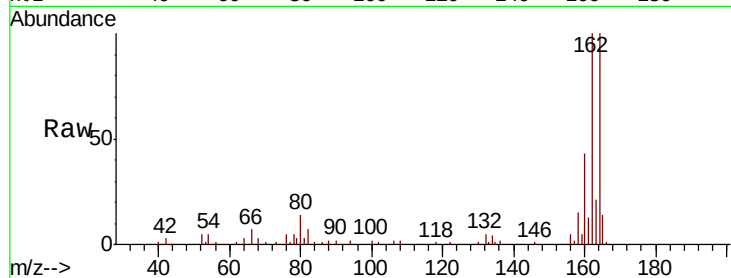
Tot Ion:164 Resp: 89363

Ion Ratio Lower Upper

164 100

162 99.9 83.5 125.3

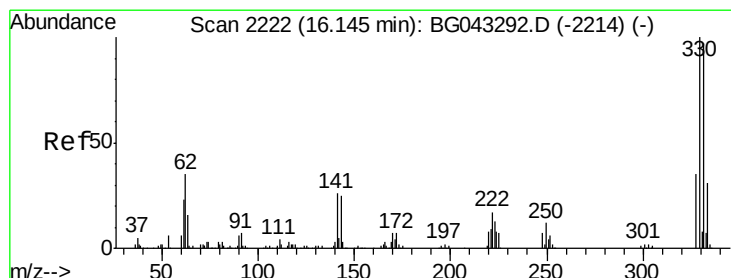
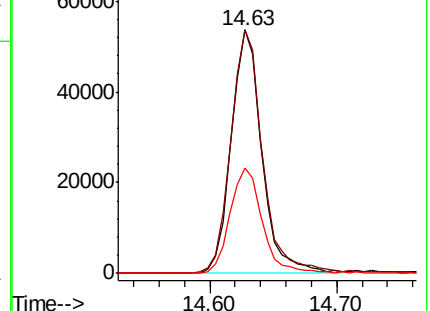
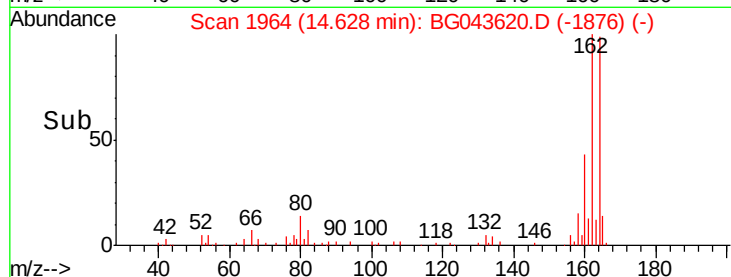
160 43.2 36.5 54.7



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



#42

2,4,6-Tribromophenol

Concen: 104.597 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

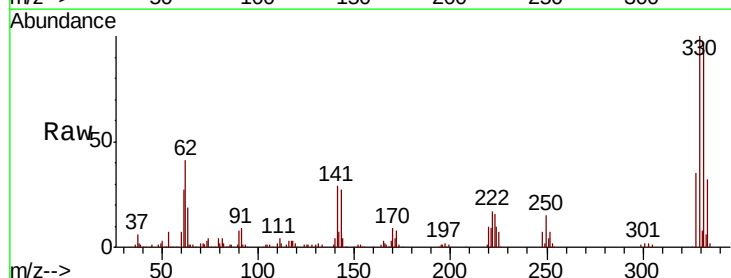
Tgt Ion:330 Resp: 177876

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.0

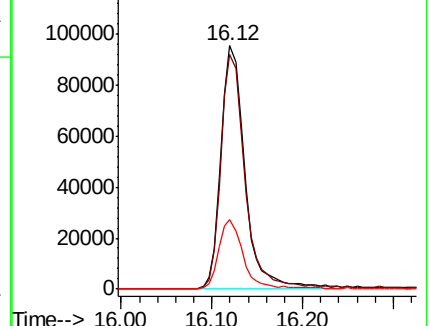
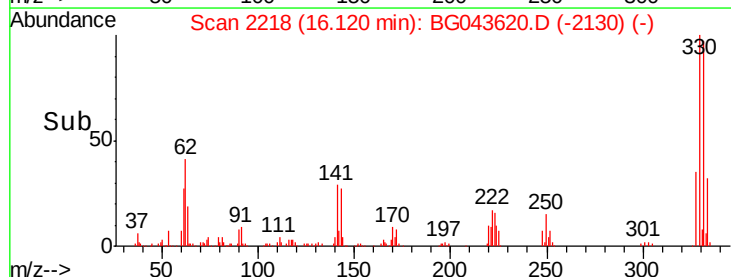
141 29.2 22.8 34.2

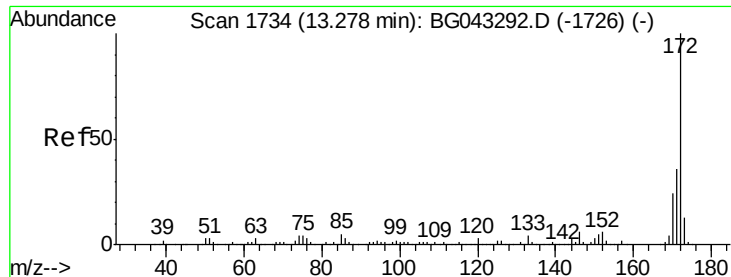


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

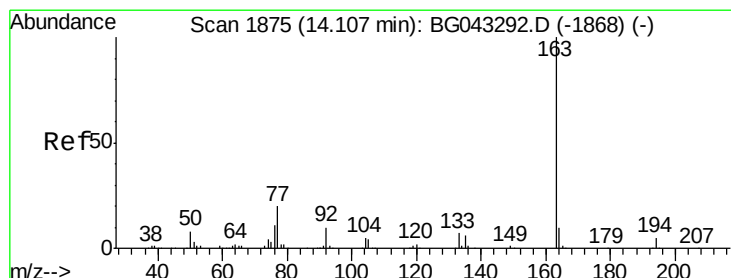
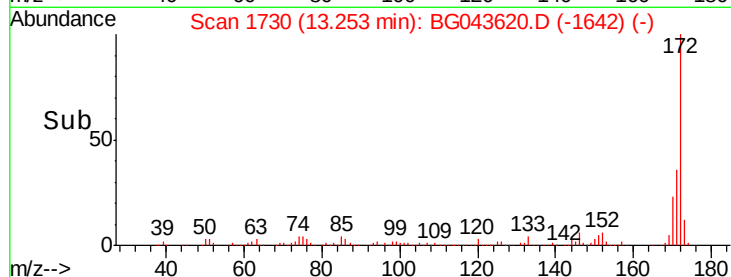
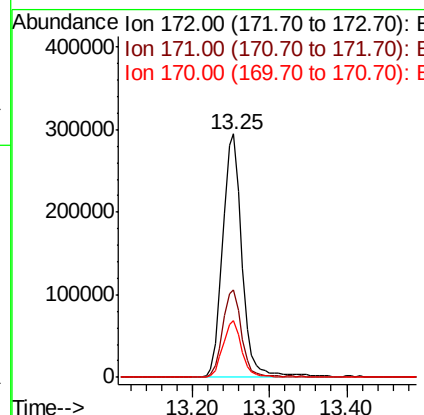
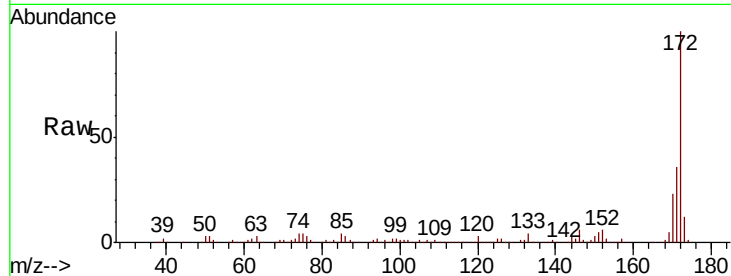




#45
2-Fluorobiphenyl
Concen: 79.535 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043620.D
Acq: 13 Nov 2019 19:59

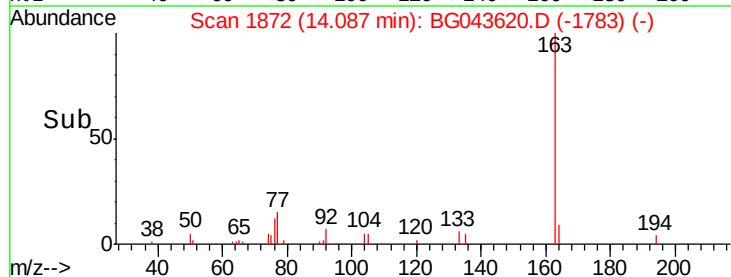
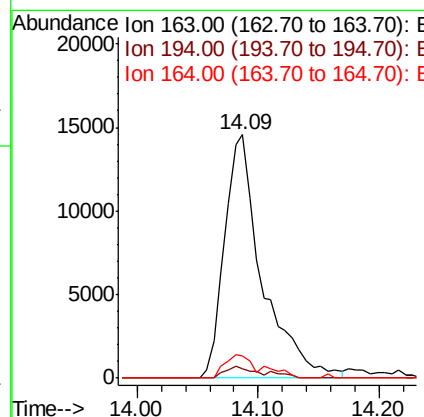
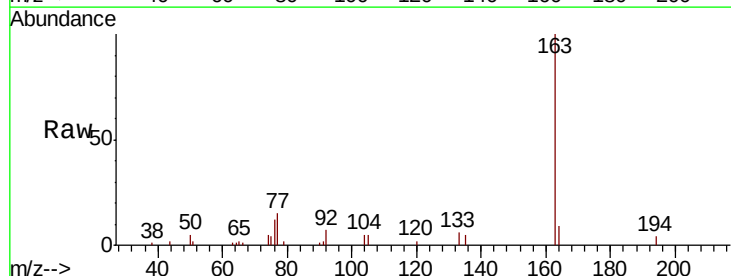
Instrument :
BNA_G
ClientSampleId :
PB124721BL

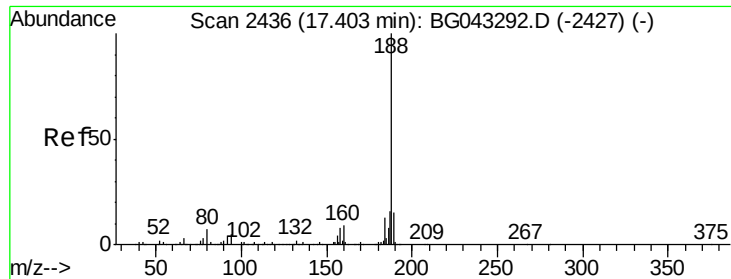
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.1	18.5	27.7



#50
Dimethylphthalate
Concen: 4.543 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043620.D
Acq: 13 Nov 2019 19:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	9.0	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

Instrument :

BNA_G

ClientSampleId :

PB124721BL

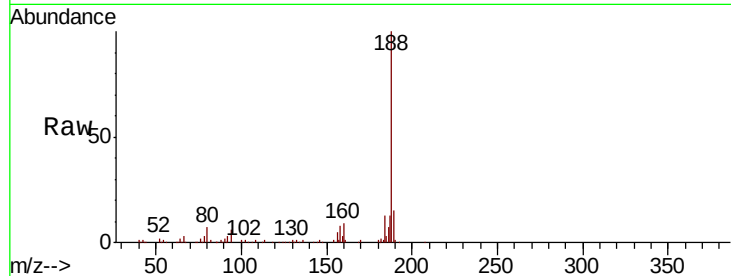
Tot Ion:188 Resp: 221343

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.4

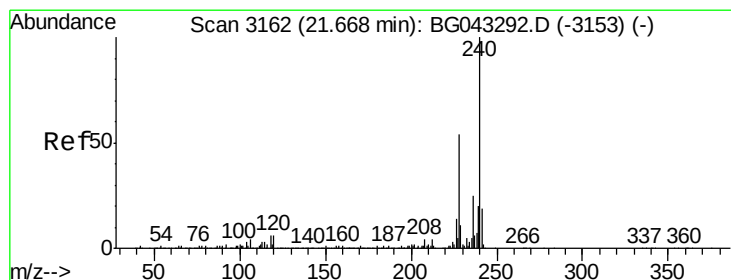
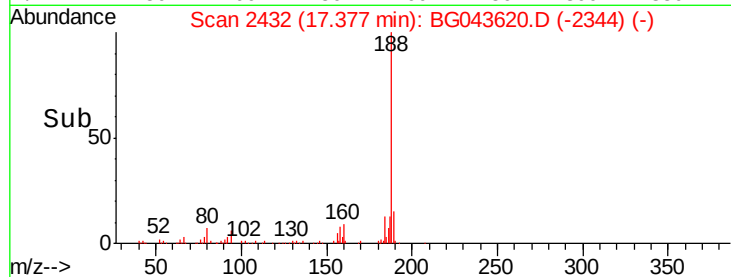
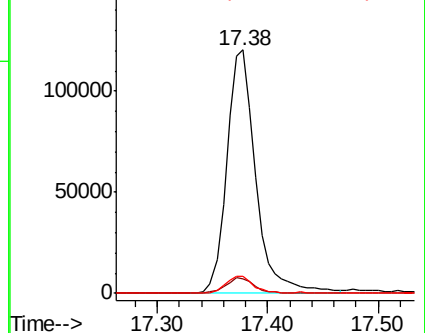
80 7.1 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

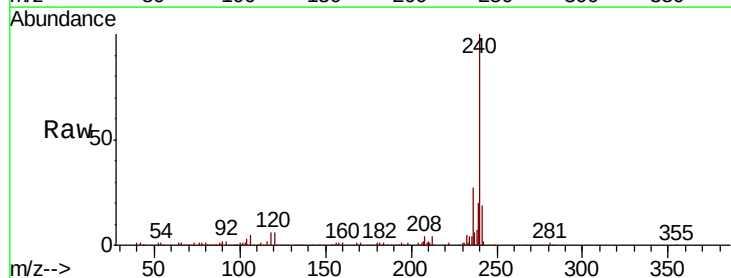
Tgt Ion:240 Resp: 246198

Ion Ratio Lower Upper

240 100

120 6.1 4.6 6.8

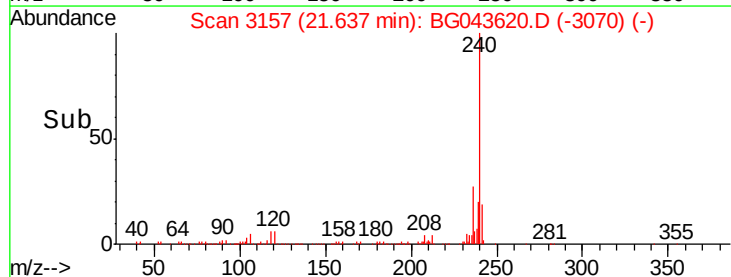
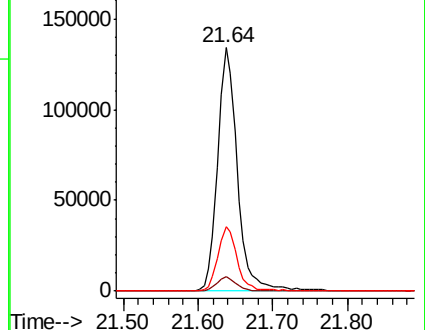
236 26.6 19.8 29.8

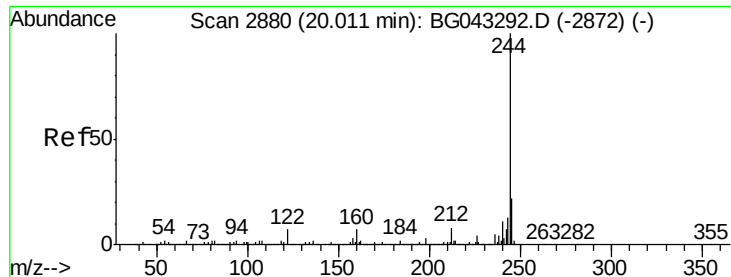


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.167 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

Instrument :

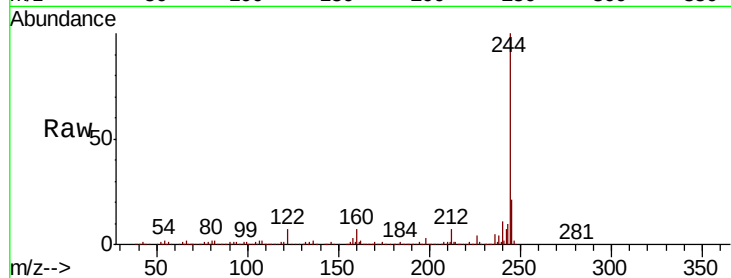
BNA_G

ClientSampleId :

PB124721BL

Tot Ion:244 Resp: 1130780

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.8	5.4	8.2

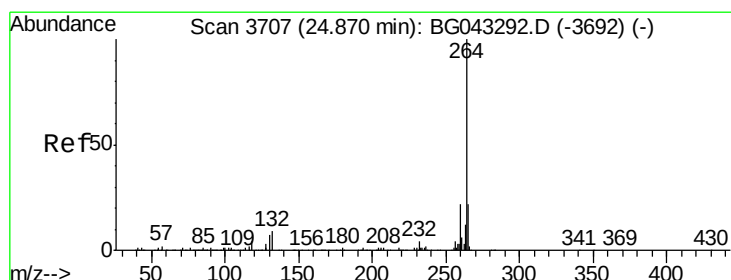
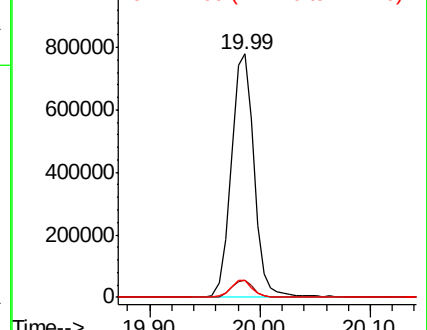
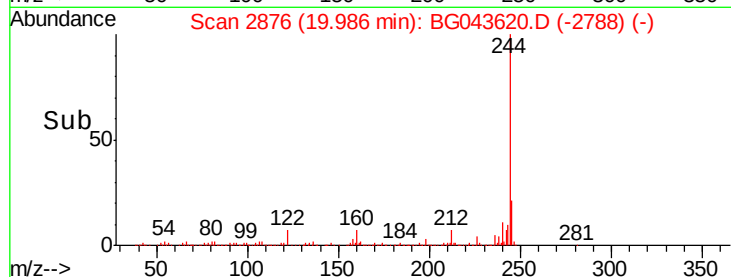


Abundance

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: 24.82 min Scan# 3698

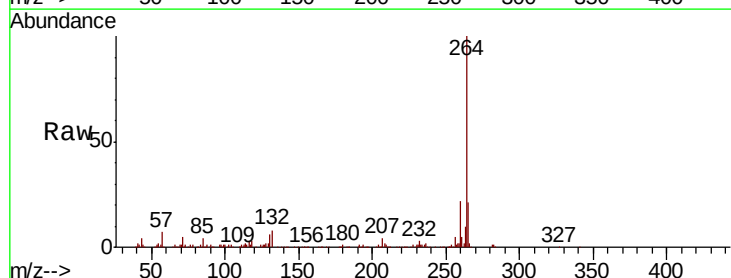
Delta R.T. -0.04 min

Lab File: BG043620.D

Acq: 13 Nov 2019 19:59

Tgt Ion:264 Resp: 292316

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	21.4	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

