

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045269.D
 Acq On : 7 May 2020 14:42
 Operator : CG/JU
 Sample : L2515-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18A

Quant Time: May 07 15:28:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

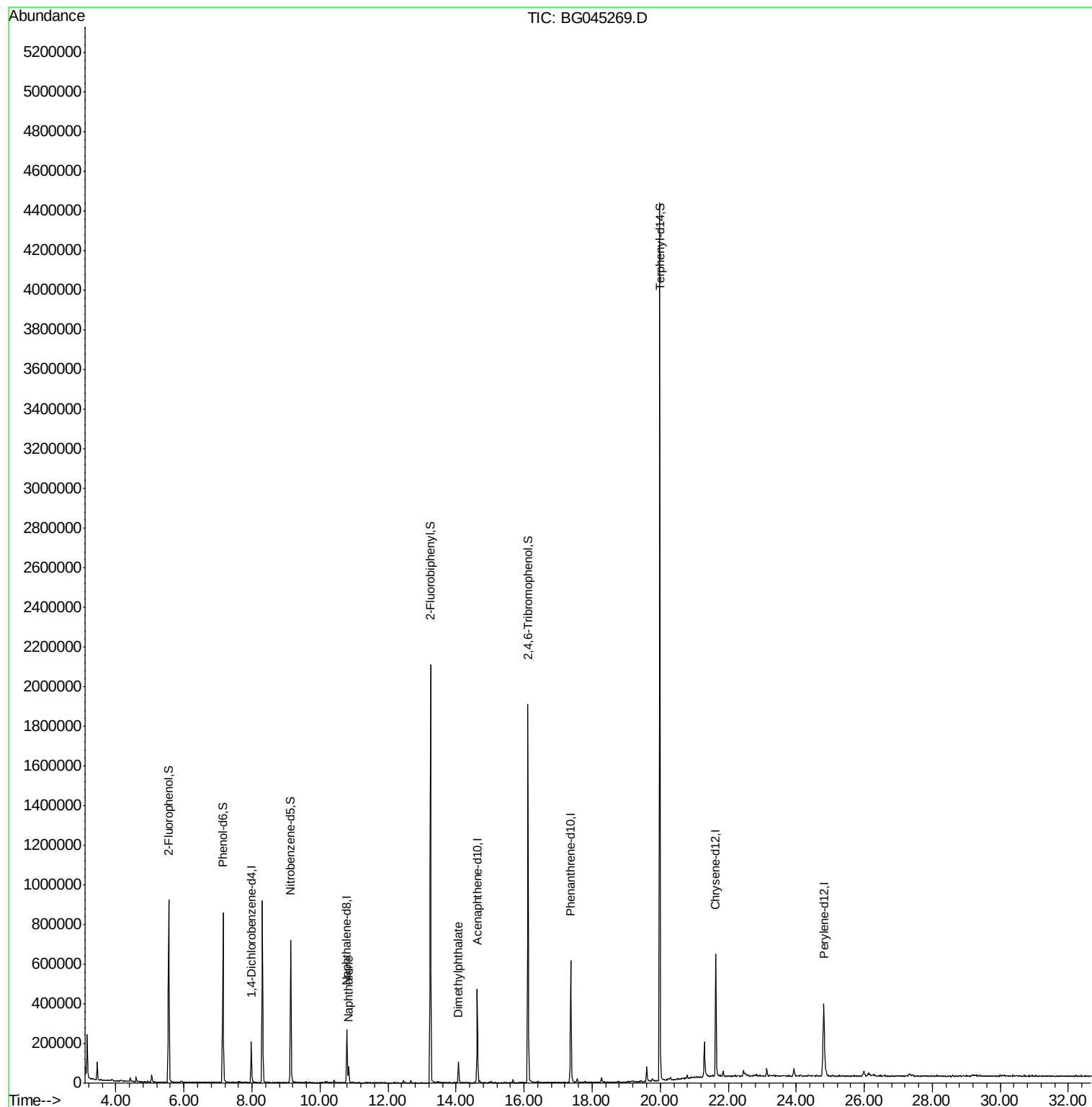
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	62322	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	241251	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	178942	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	418584	20.00	ng	0.00
76) Chrysene-d12	21.63	240	397473	20.00	ng	0.00
87) Perylene-d12	24.81	264	425115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	438054	116.04	ng	0.00
7) Phenol-d6	7.15	99	569057	101.46	ng	0.00
23) Nitrobenzene-d5	9.14	82	486386	91.99	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	391441	141.60	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1147107	94.00	ng	0.00
79) Terphenyl-d14	19.99	244	2104573	115.41	ng	0.00
Target Compounds						
31) Naphthalene	10.84	128	57312	4.343	ng	95
50) Dimethylphthalate	14.07	163	75369	5.173	ng	97

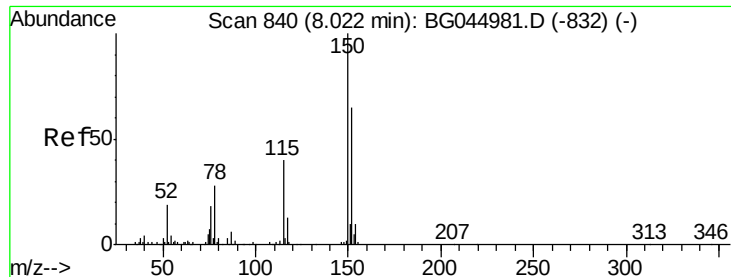
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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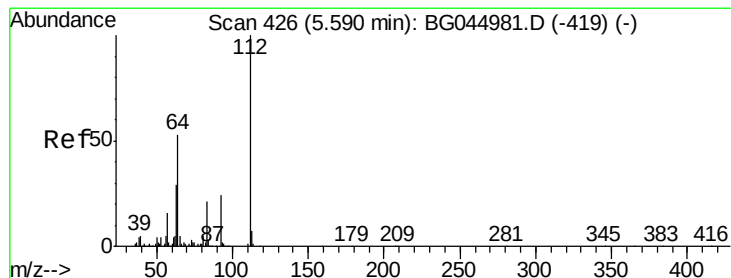
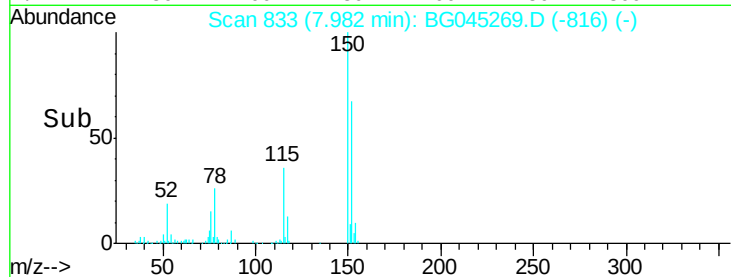
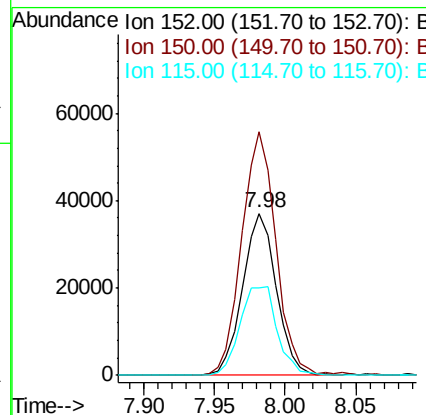
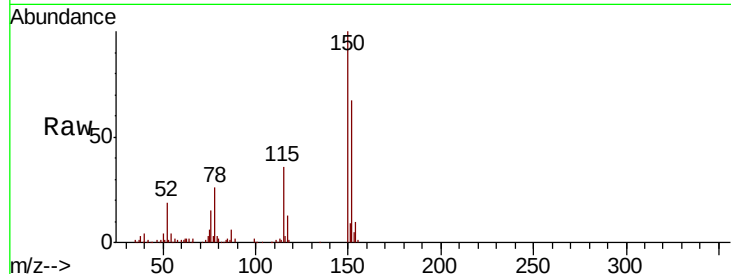


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Instrument :
BNA_G
ClientSampleId :
TP-18A

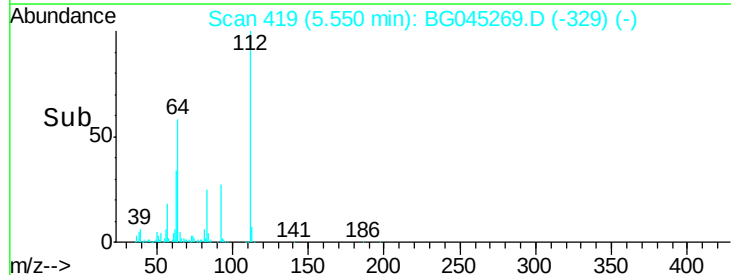
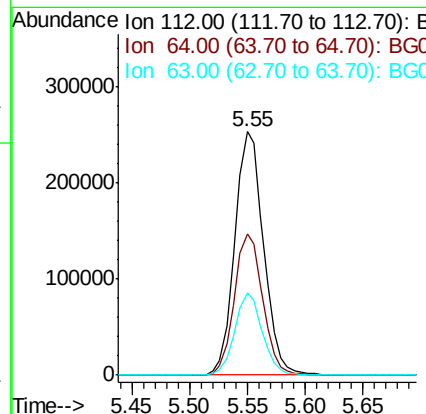
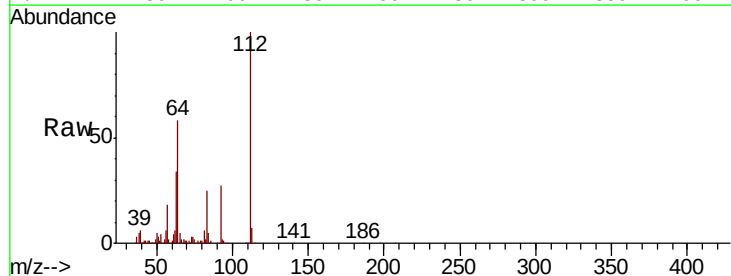
Tot Ion	152	Resp	62322
Ion Ratio	Lower	Upper	
152	100		
150	150.3	123.6	185.4
115	54.1	49.1	73.7

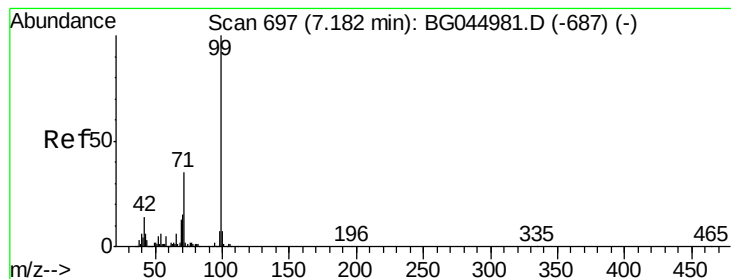


#5

2-Fluorophenol
Concen: 116.043 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion	112	Resp	438054
Ion Ratio	Lower	Upper	
112	100		
64	57.9	42.4	63.6
63	33.9	23.1	34.7





#7

Phenol-d6

Concen: 101.462 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

Instrument :

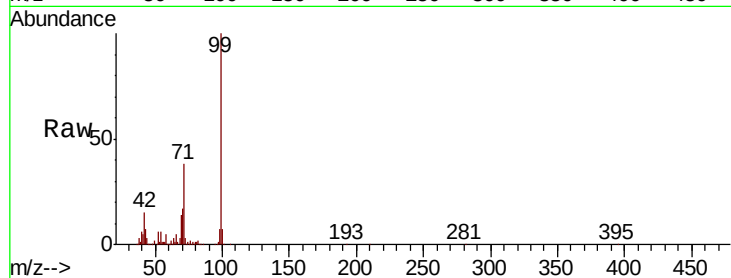
BNA_G

ClientSampleId :

TP-18A

Tot Ion: 99 Resp: 569057

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.3	16.9
71	37.7	28.3	42.5

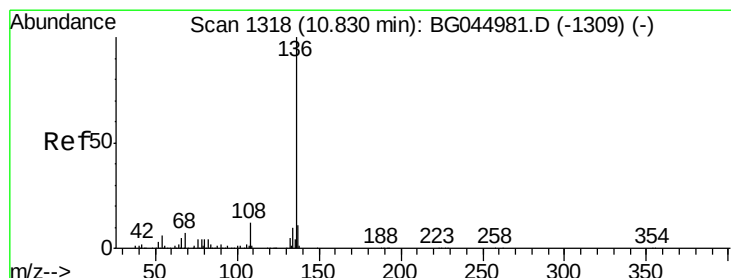
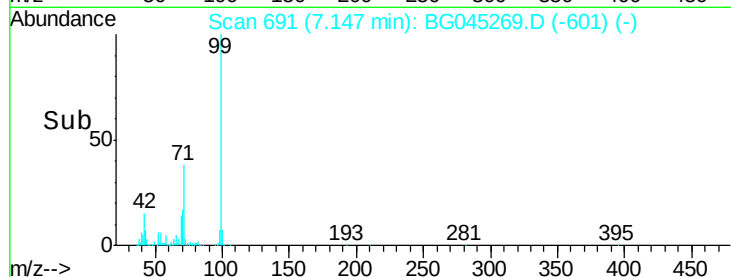
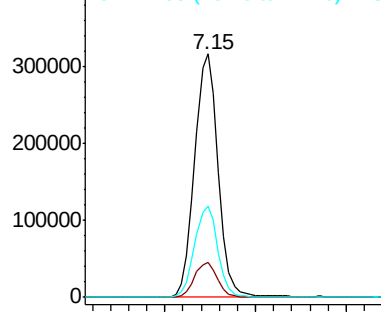


Abundance

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: 10.79 min Scan# 1311

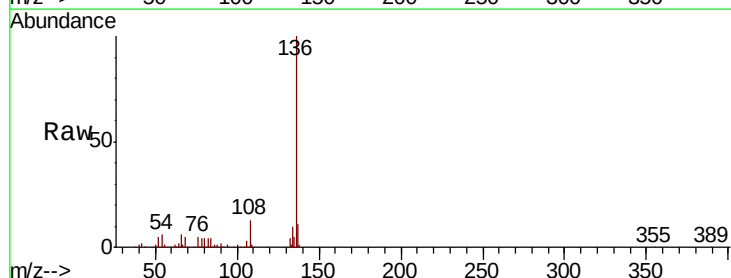
Delta R.T. -0.00 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

Tgt Ion: 136 Resp: 241251

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.2	4.8	7.2
68	5.5	5.2	7.8



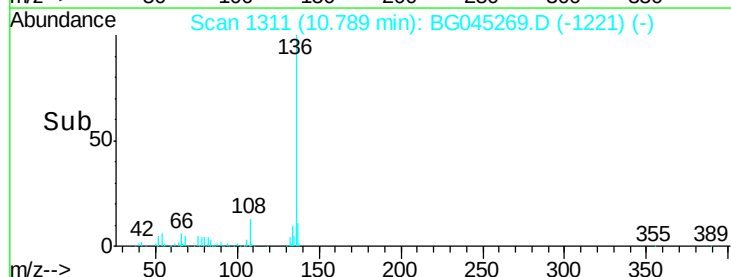
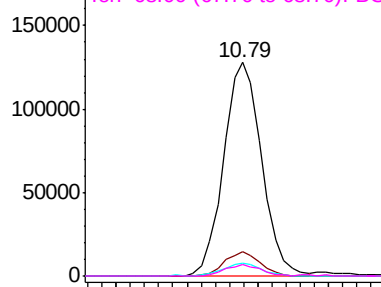
Abundance

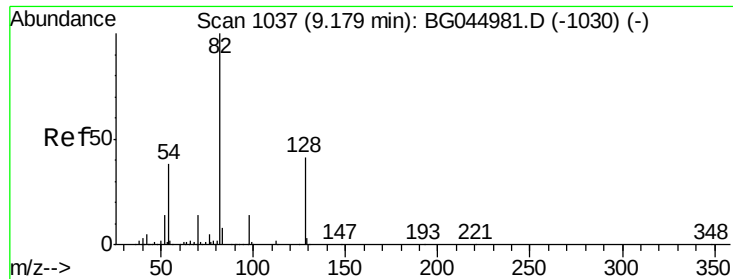
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 91.992 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

Instrument :

BNA_G

ClientSampleId :

TP-18A

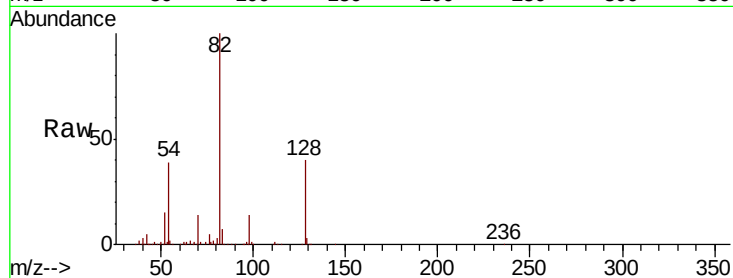
Tot Ion: 82 Resp: 486386

Ion Ratio Lower Upper

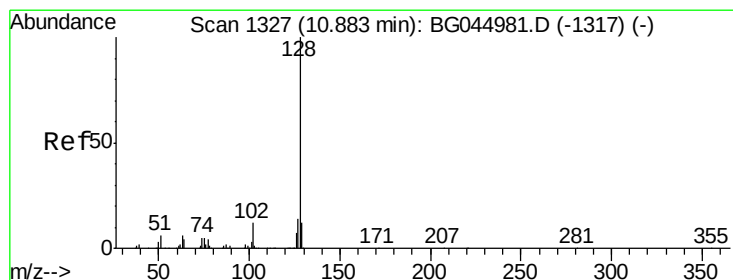
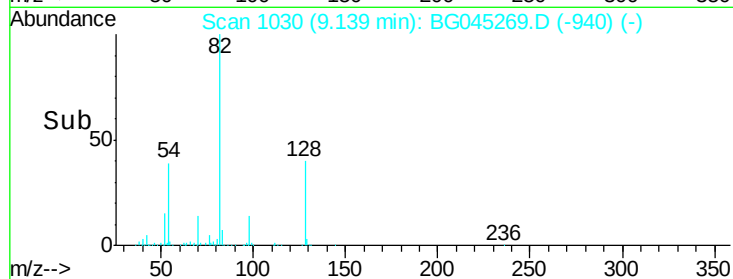
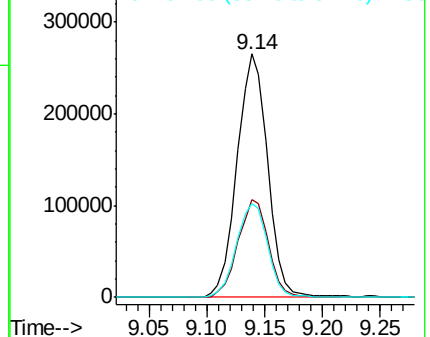
82 100

128 39.9 33.0 49.4

54 38.7 30.4 45.6



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: 4.343 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

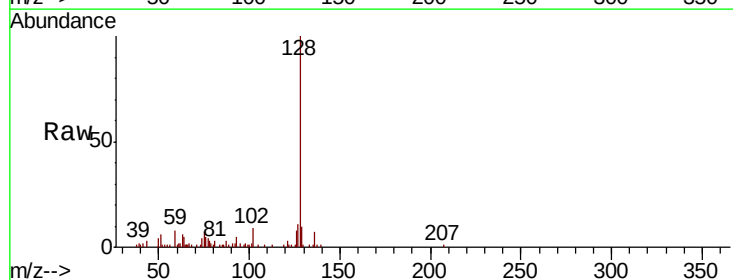
Tgt Ion: 128 Resp: 57312

Ion Ratio Lower Upper

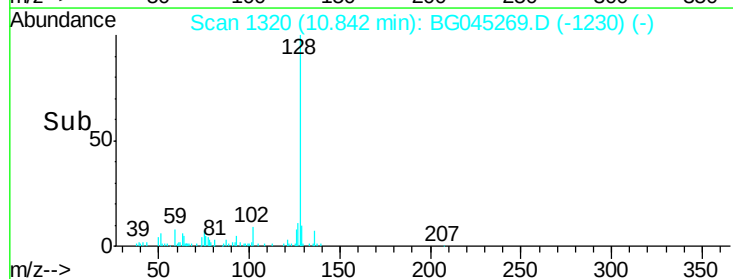
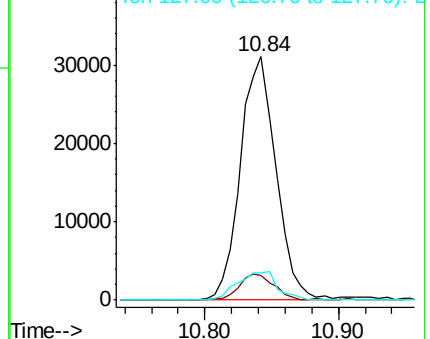
128 100

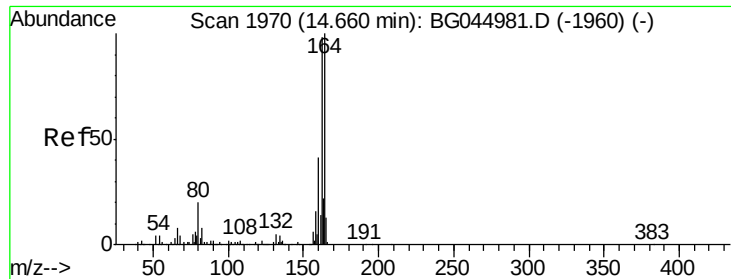
129 9.9 9.4 14.2

127 11.3 10.8 16.2



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: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

Instrument :

BNA_G

ClientSampleId :

TP-18A

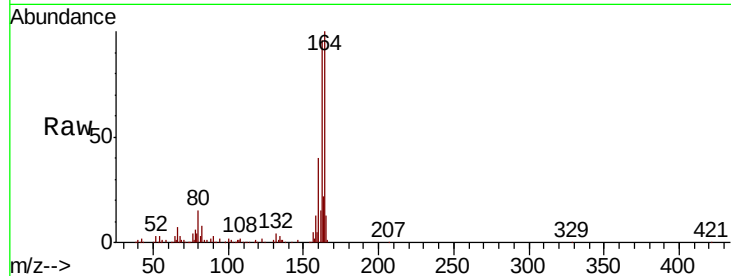
Tot Ion:164 Resp: 178942

Ion Ratio Lower Upper

164 100

162 96.2 78.7 118.1

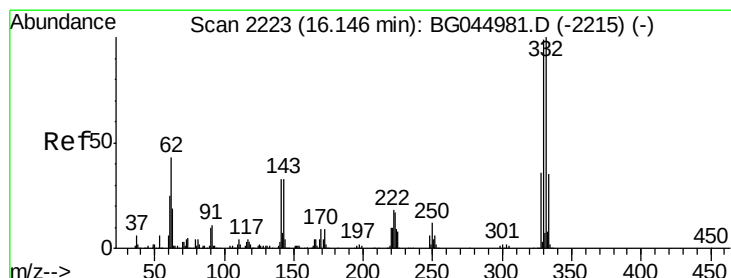
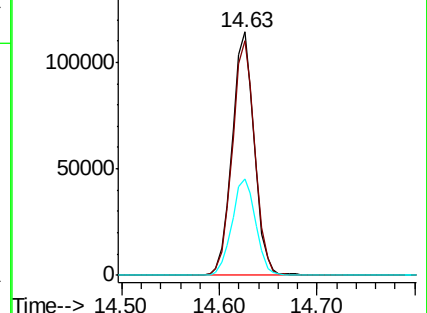
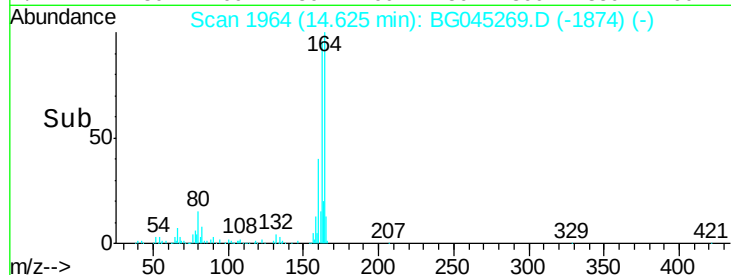
160 39.7 32.8 49.2



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: 141.600 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

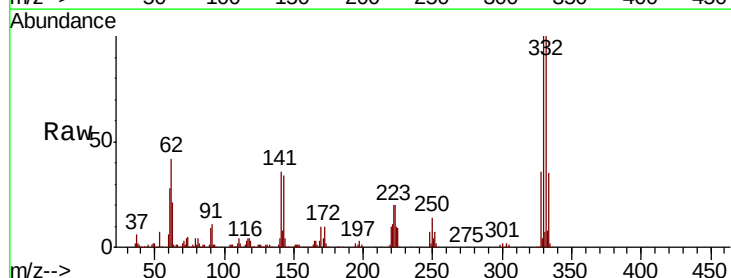
Tgt Ion:330 Resp: 391441

Ion Ratio Lower Upper

330 100

332 98.1 79.1 118.7

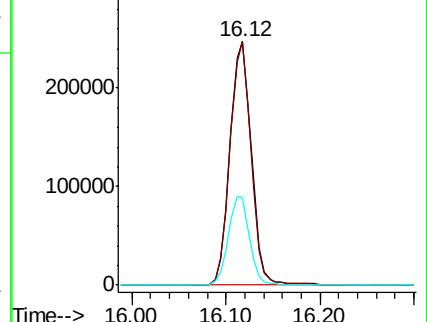
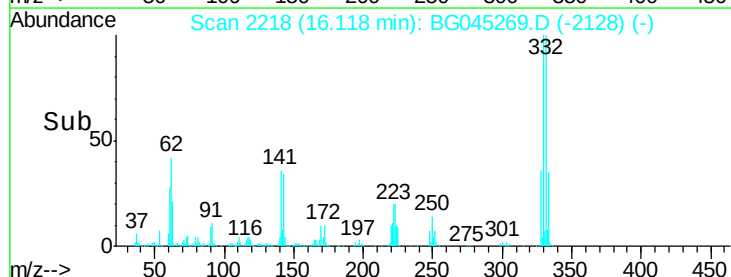
141 36.2 27.1 40.7

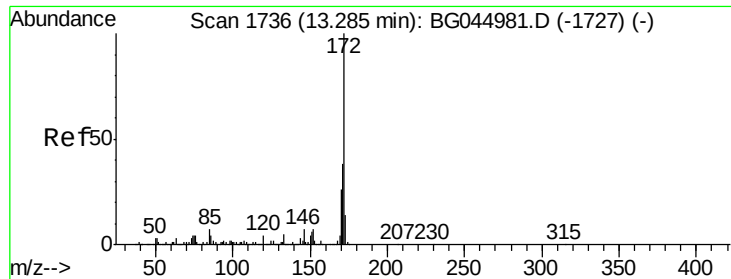


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

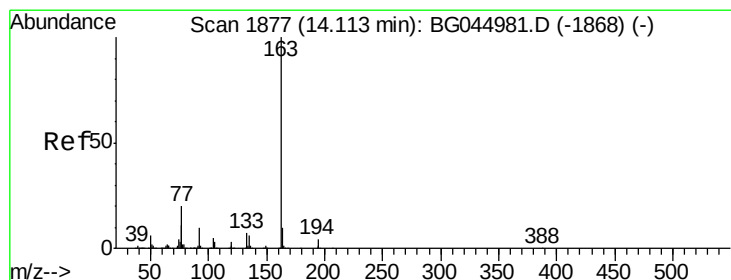
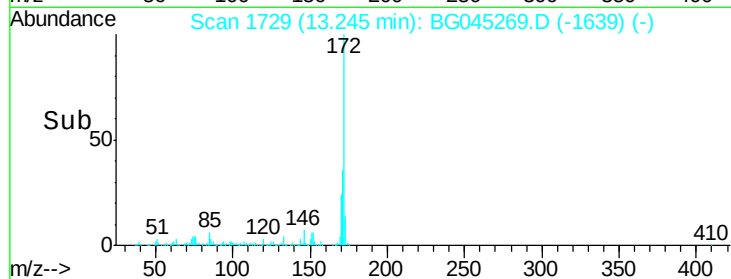
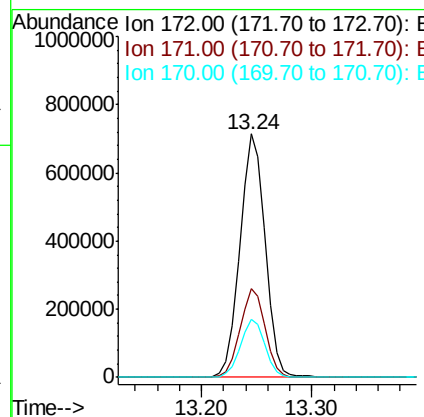
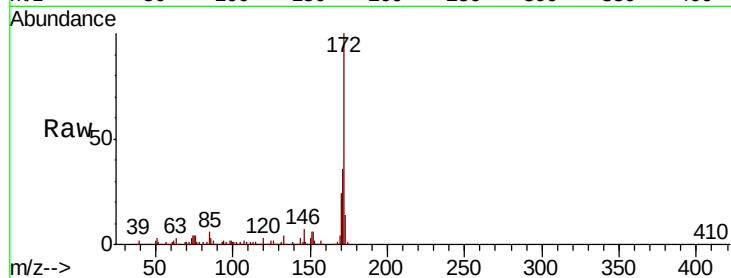




#45
2-Fluorobiphenyl
Concen: 93.998 ng
RT: 13.24 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

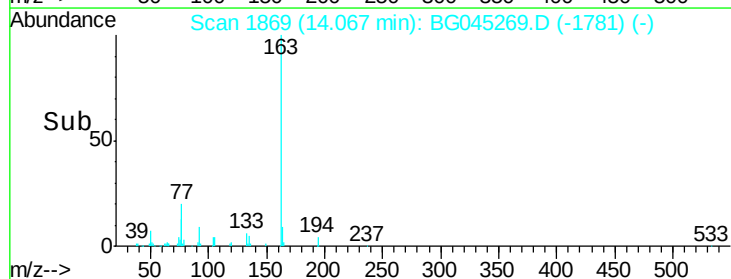
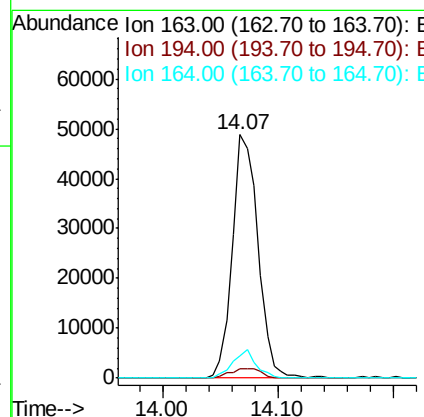
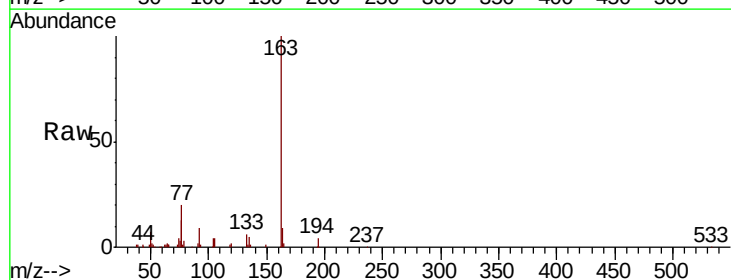
Instrument :
BNA_G
ClientSampleId :
TP-18A

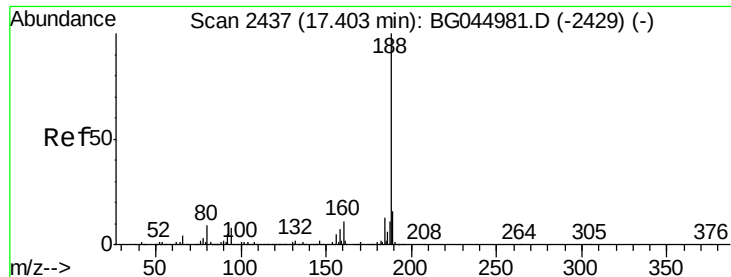
Tot Ion:172 Resp: 1147107
Ion Ratio Lower Upper
172 100
171 36.3 30.6 46.0
170 23.7 20.5 30.7



#50
Dimethylphthalate
Concen: 5.173 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion:163 Resp: 75369
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 9.3 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

Instrument :

BNA_G

ClientSampleId :

TP-18A

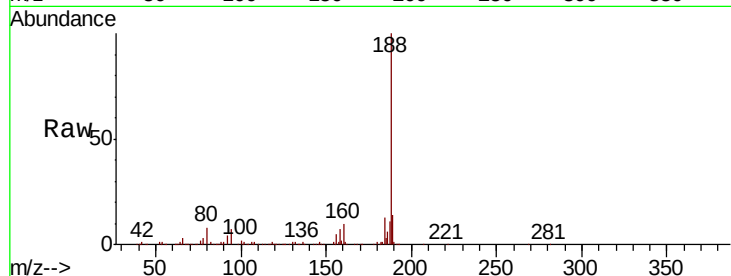
Tot Ion:188 Resp: 418584

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

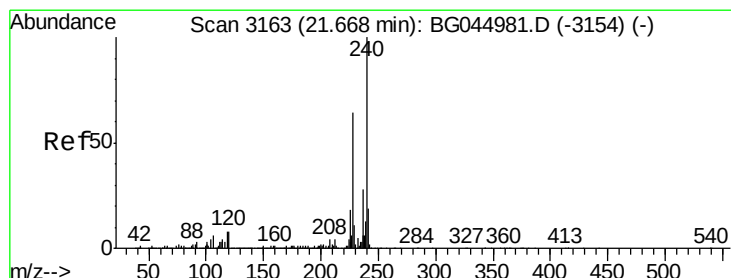
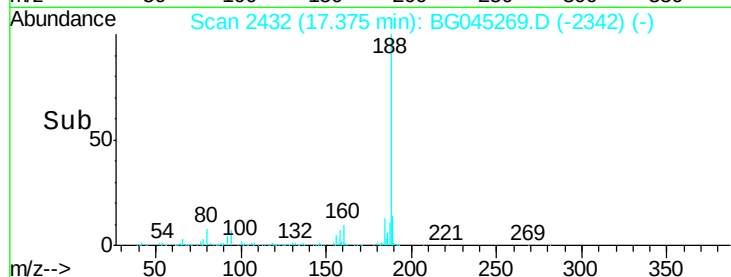
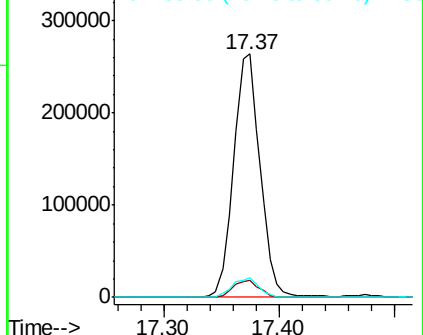
80 8.0 7.0 10.6



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: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

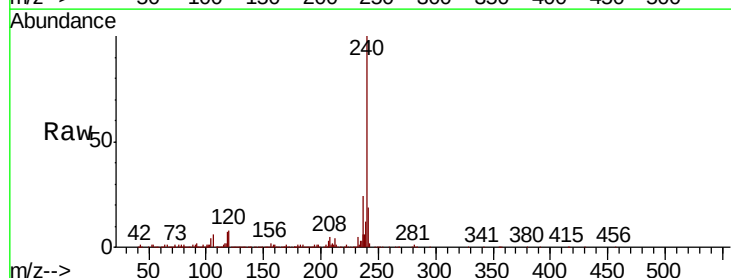
Tgt Ion:240 Resp: 397473

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

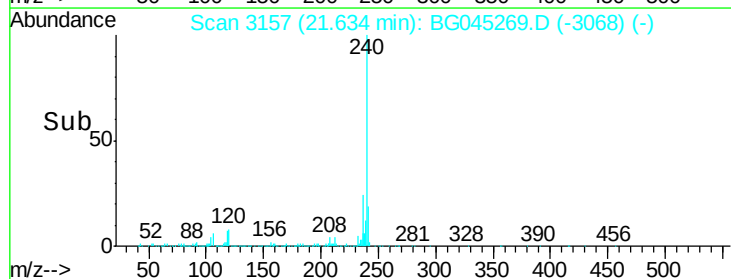
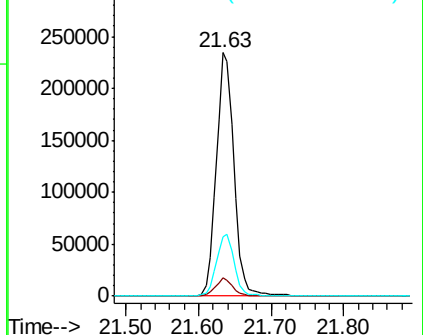
236 24.5 22.2 33.2

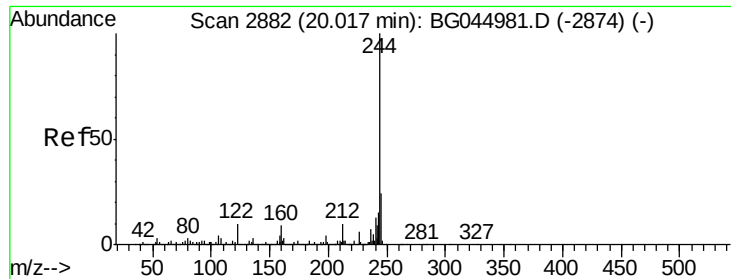


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.406 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

Instrument :

BNA_G

ClientSampleId :

TP-18A

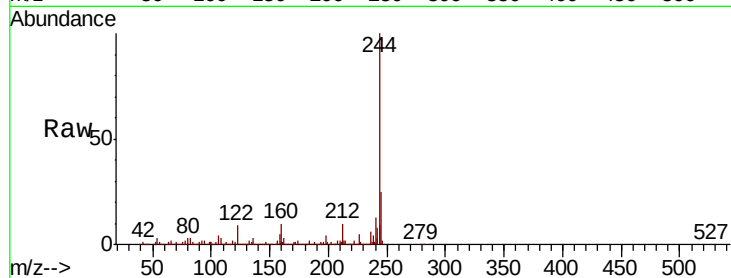
Tot Ion:244 Resp: 2104573

Ion Ratio Lower Upper

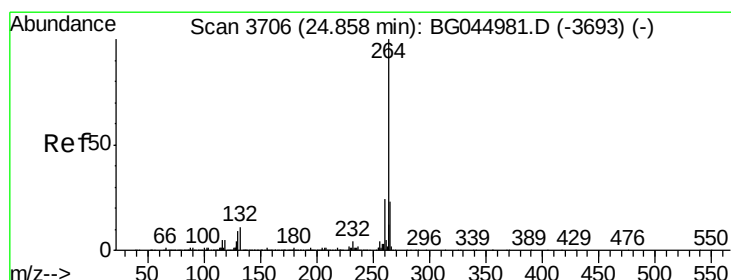
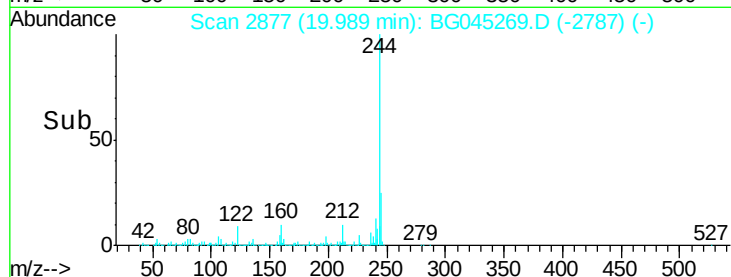
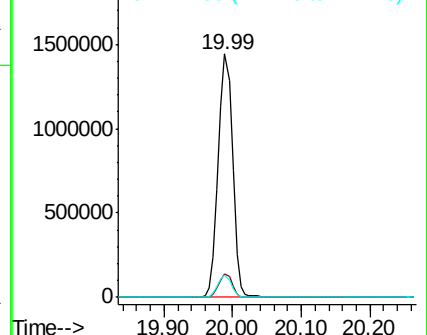
244 100

212 9.9 7.9 11.9

122 9.2 7.7 11.5



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: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG045269.D

Acq: 7 May 2020 14:42

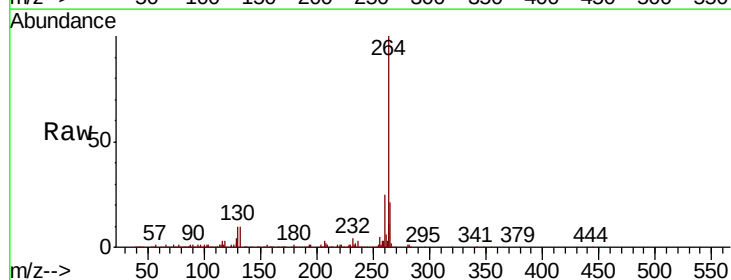
Tgt Ion:264 Resp: 425115

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.0 19.0 28.4



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

