

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045443.D
 Acq On : 21 May 2020 17:01
 Operator : CG/JU
 Sample : L2674-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

Quant Time: May 21 17:44:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

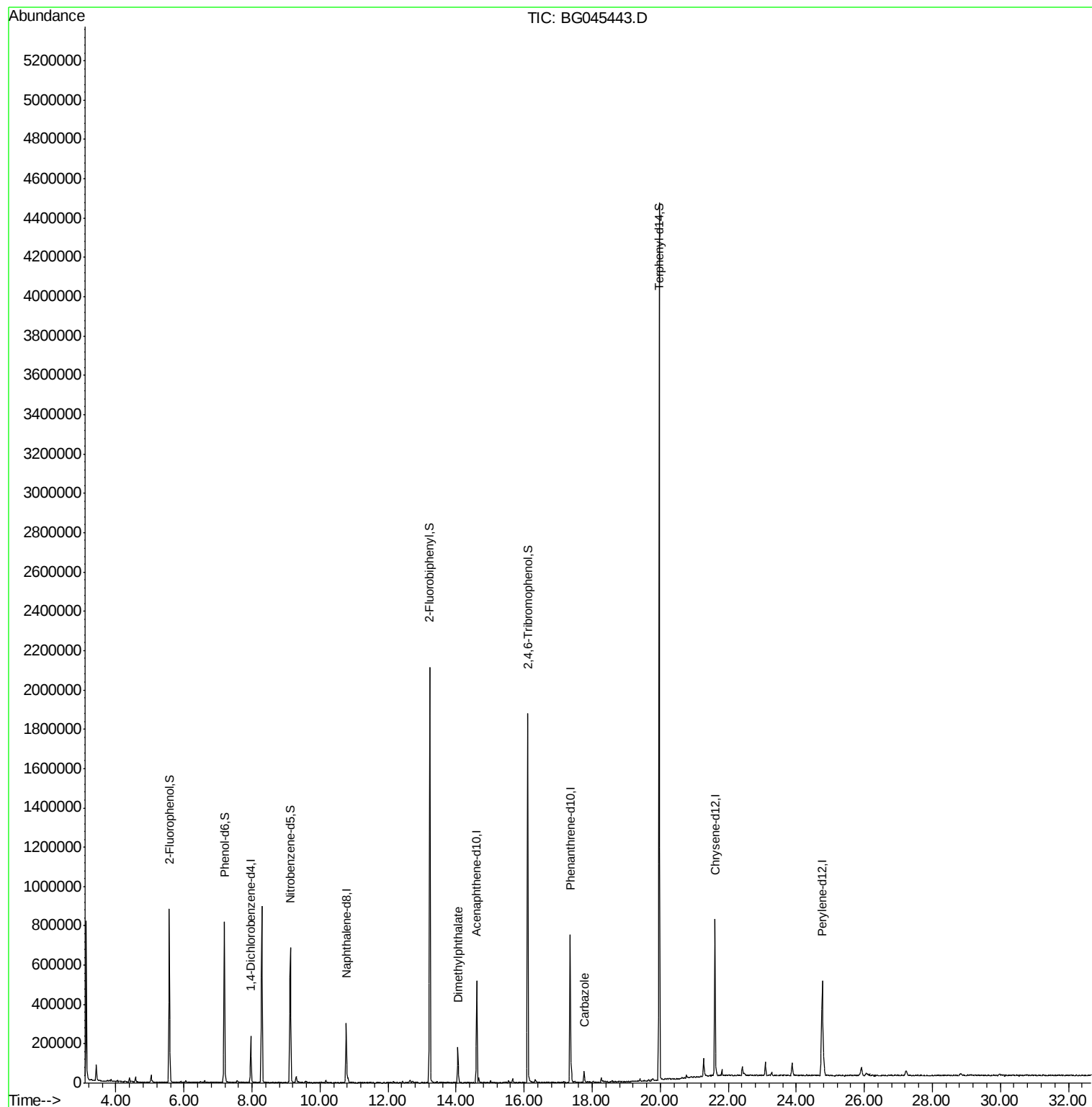
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	68716	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	277806	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	203384	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	494421	20.00	ng	0.00
76) Chrysene-d12	21.61	240	516504	20.00	ng	0.00
87) Perylene-d12	24.76	264	545420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	429706	122.21	ng	0.00
7) Phenol-d6	7.19	99	548391	109.58	ng	0.00
23) Nitrobenzene-d5	9.13	82	478974	94.02	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	391703	150.59	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1148055	95.75	ng	0.00
79) Terphenyl-d14	19.97	244	2122003	95.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	119812	8.587	ng	99
73) Carbazole	17.76	167	42602	2.016	ng	98

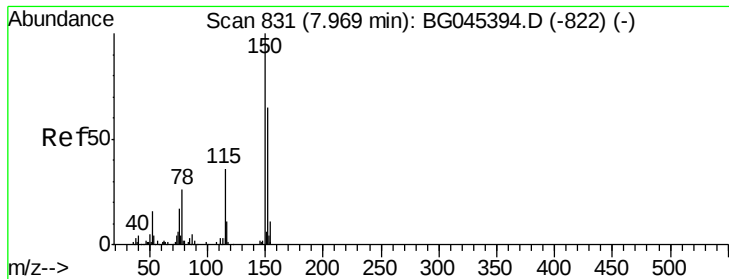
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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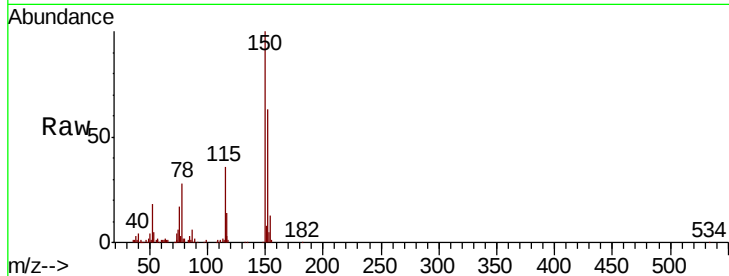


#1

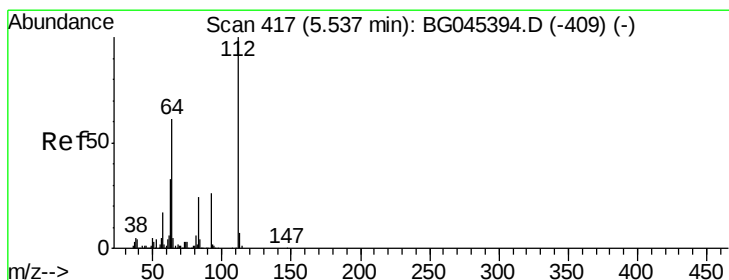
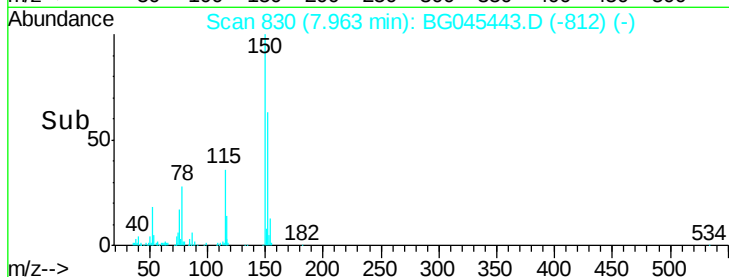
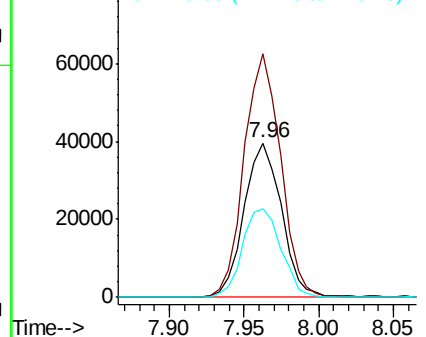
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045443.D
Acq: 21 May 2020 17:01

Instrument :
BNA_G
ClientSampleId :
PS-STOCK-4

Tot Ion:152 Resp: 68716
Ion Ratio Lower Upper
152 100
150 157.9 122.4 183.6
115 57.2 44.2 66.4



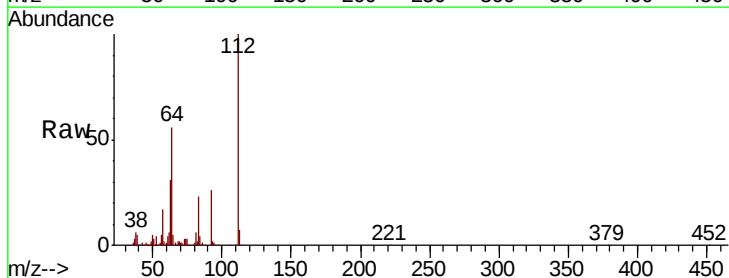
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



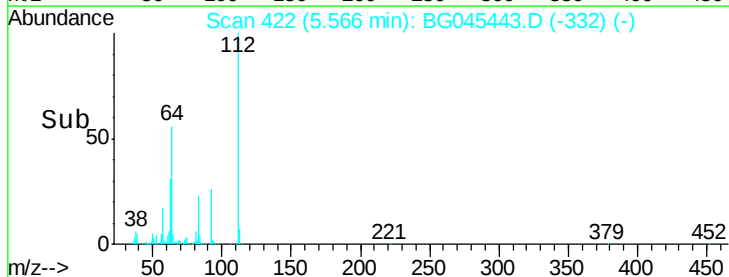
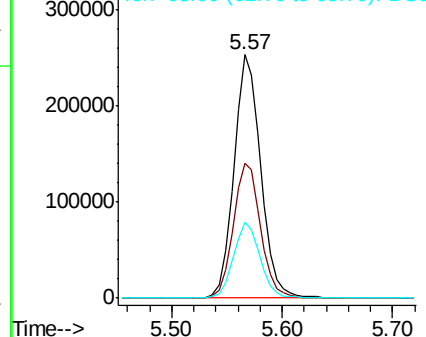
#5

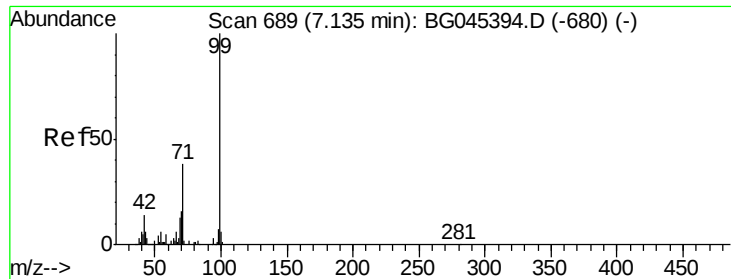
2-Fluorophenol
Concen: 122.209 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG045443.D
Acq: 21 May 2020 17:01

Tgt Ion:112 Resp: 429706
Ion Ratio Lower Upper
112 100
64 55.5 48.6 72.8
63 31.0 26.5 39.7



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: 109.579 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Instrument :

BNA_G

ClientSampleId :

PS-STOCK-4

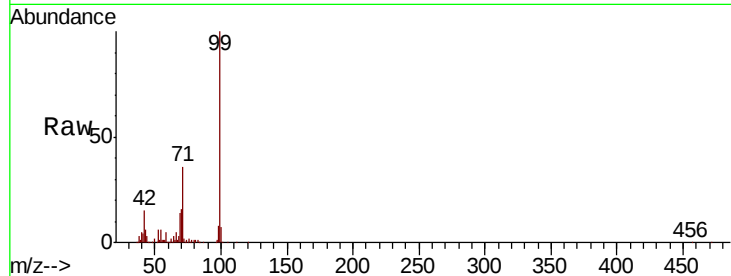
Tot Ion: 99 Resp: 548391

Ion Ratio Lower Upper

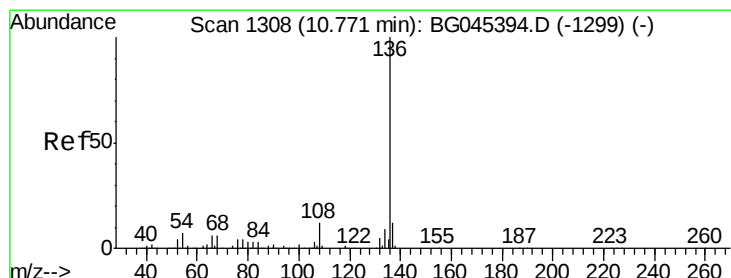
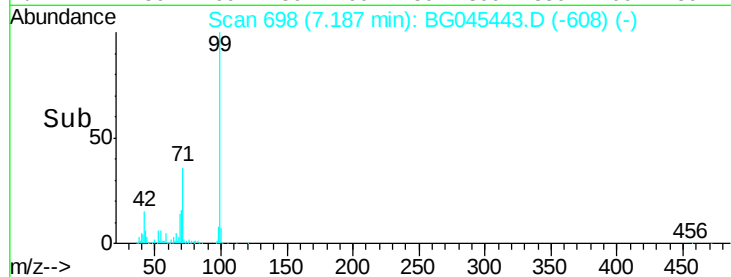
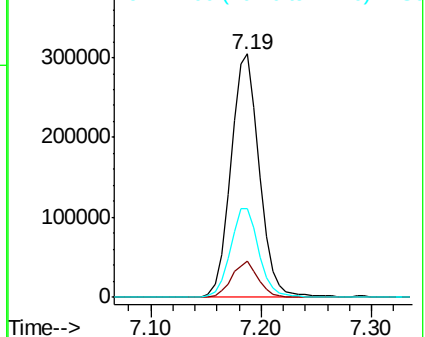
99 100

42 14.8 11.3 16.9

71 36.3 30.8 46.2



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: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Tgt Ion: 136 Resp: 277806

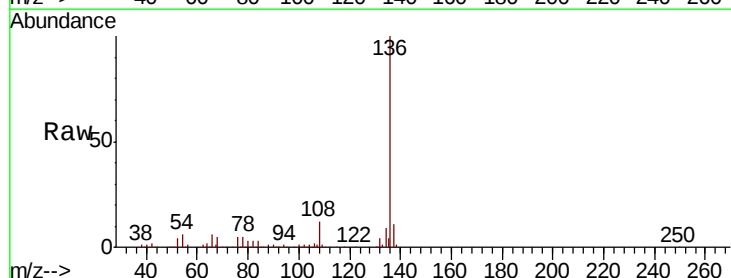
Ion Ratio Lower Upper

136 100

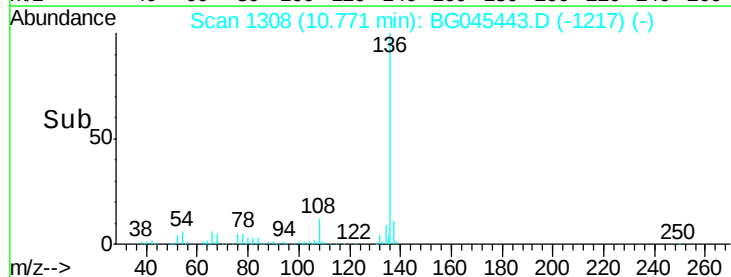
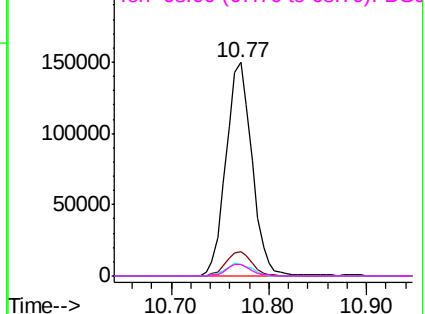
137 11.1 9.4 14.2

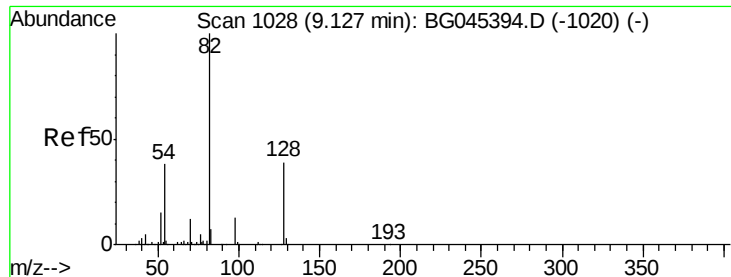
54 5.5 5.8 8.6#

68 5.3 4.5 6.7



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

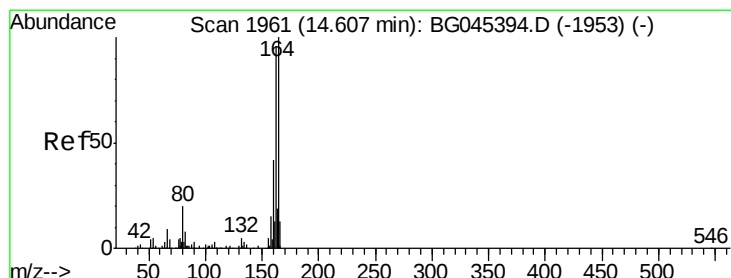
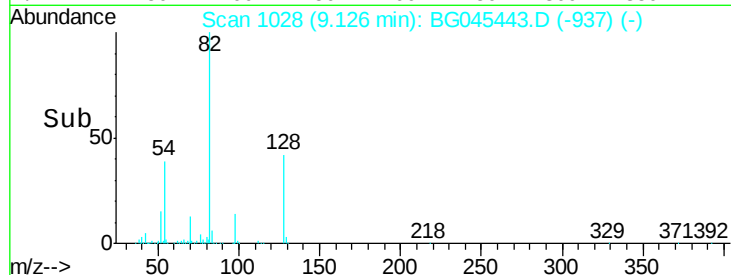
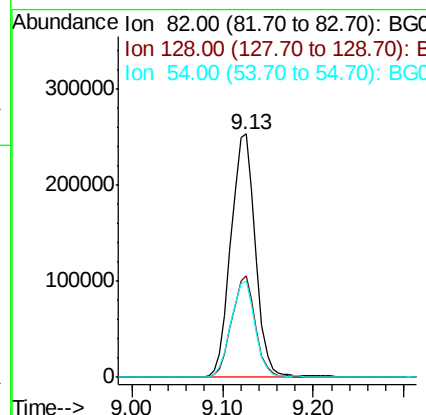
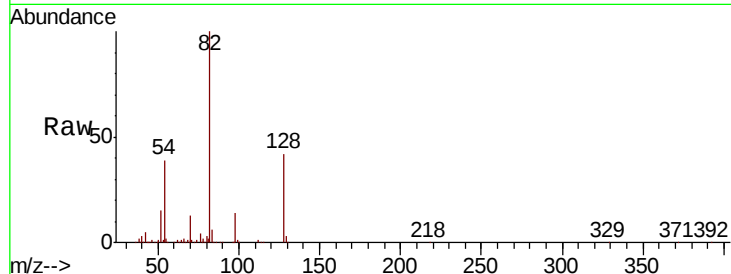




#23
 Nitrobenzene-d5
 Concen: 94.020 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

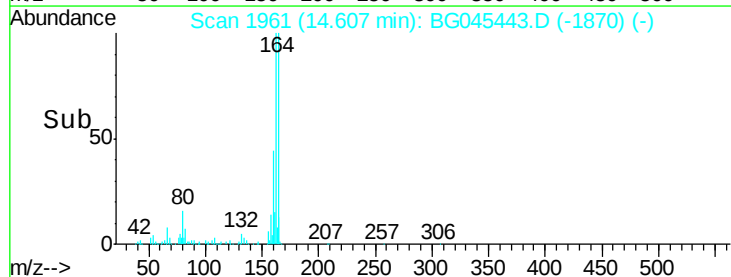
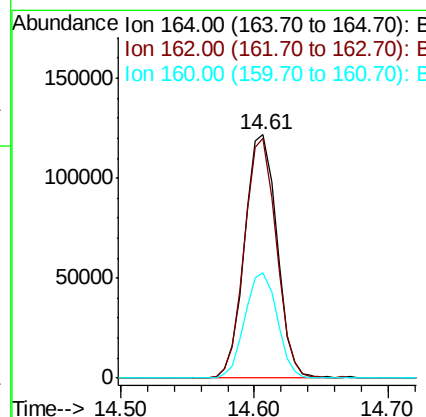
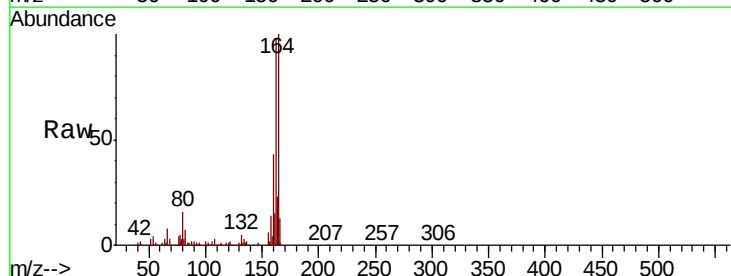
Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

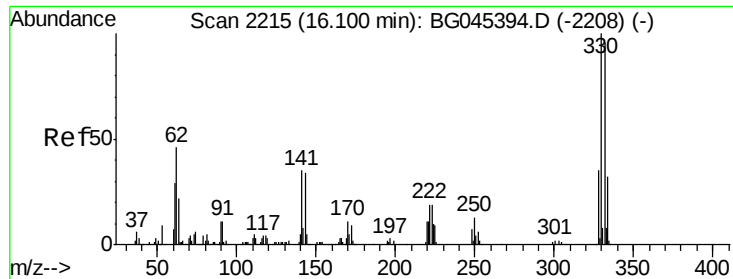
Tot Ion	82	Resp	478974
Ion Ratio	Lower	Upper	
82	100		
128	41.8	30.9	46.3
54	39.4	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Tgt Ion	164	Resp	203384
Ion Ratio	Lower	Upper	
164	100		
162	98.4	76.9	115.3
160	43.4	33.8	50.8

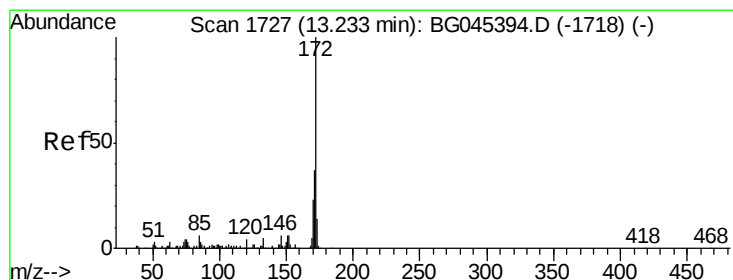
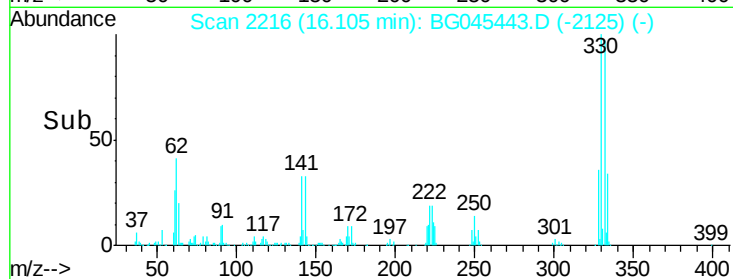
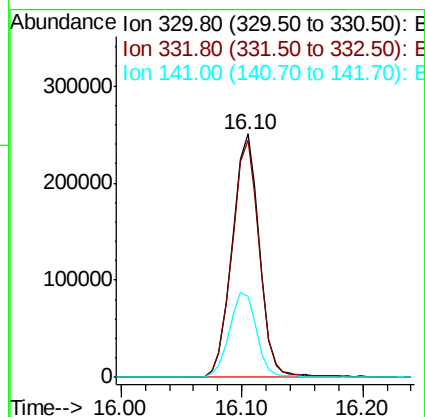
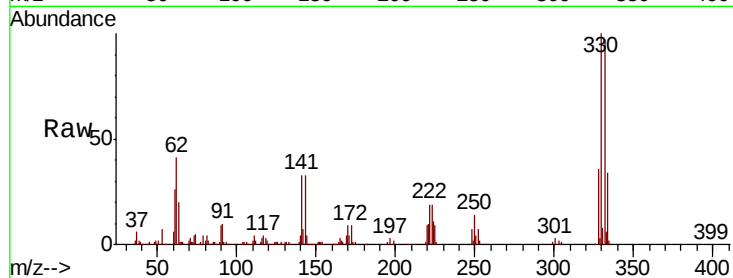




#42
 2,4,6-Tribromophenol
 Concen: 150.594 ng
 RT: 16.10 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

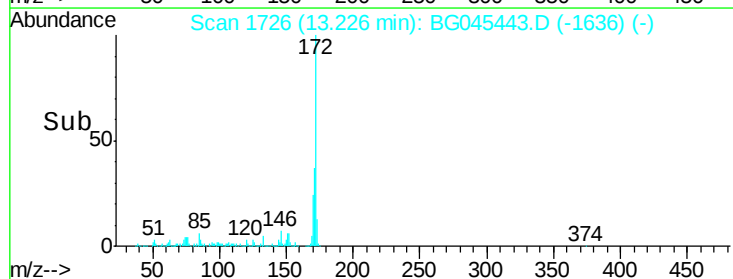
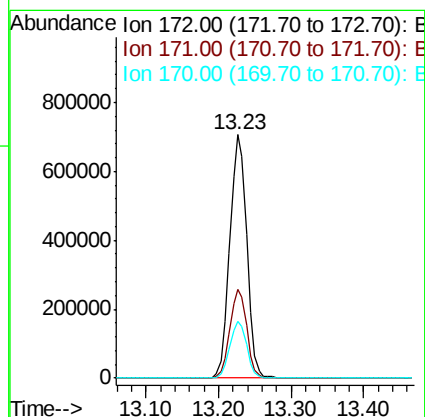
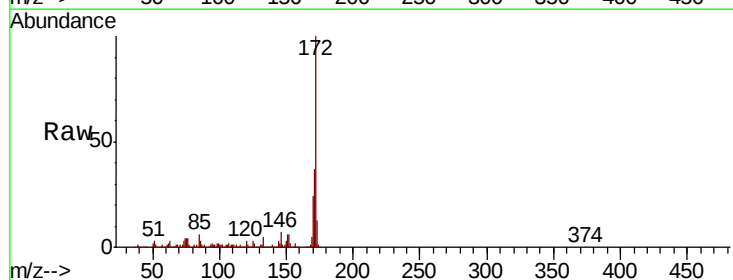
Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

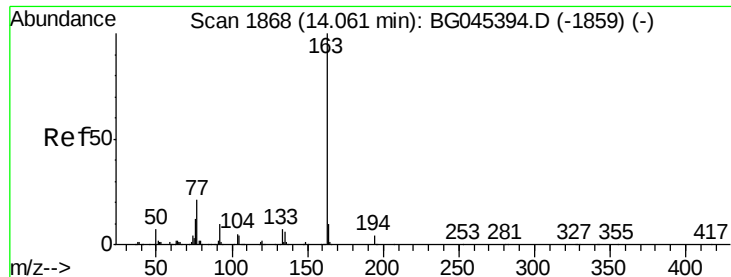
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.4
141	35.2	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 95.747 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	23.6	18.5	27.7





#50

Dimethylphthalate

Concen: 8.587 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Instrument :

BNA_G

ClientSampled :

PS-STOCK-4

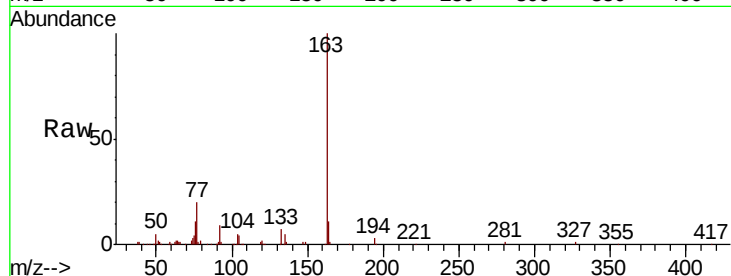
Tot Ion:163 Resp: 119812

Ion Ratio Lower Upper

163 100

194 3.3 3.2 4.8

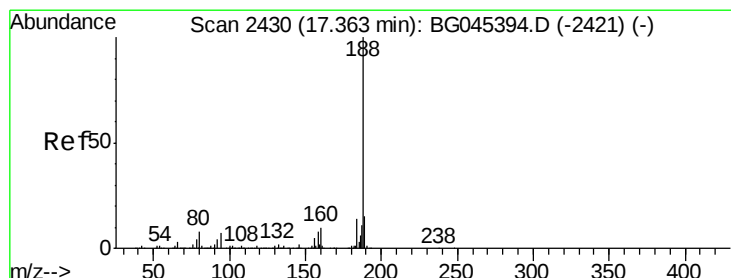
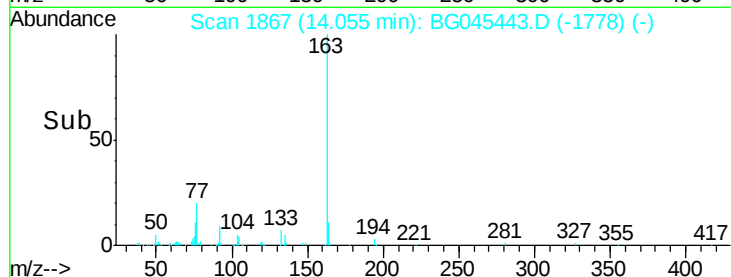
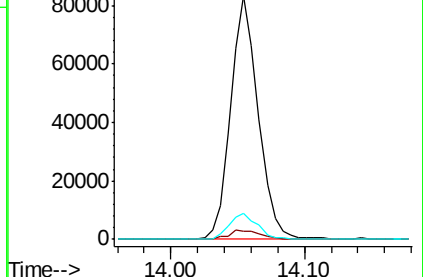
164 10.8 8.3 12.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

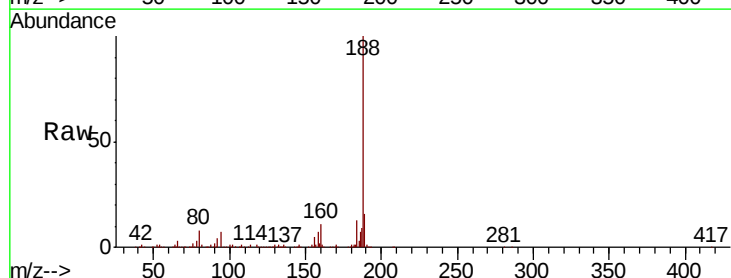
Tgt Ion:188 Resp: 494421

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

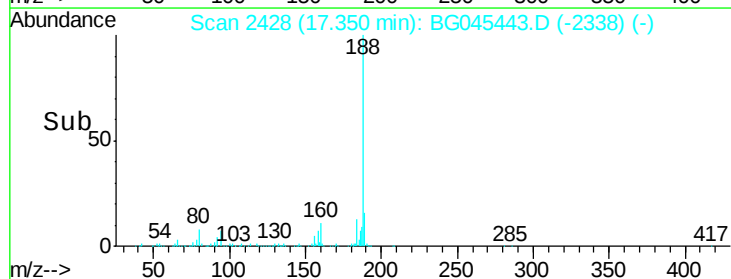
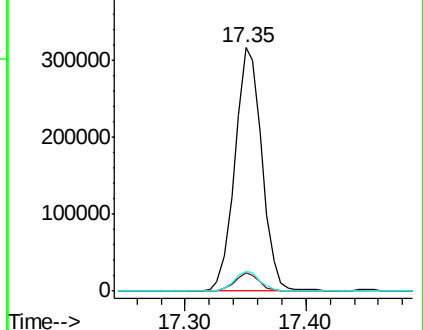
80 8.2 6.6 10.0

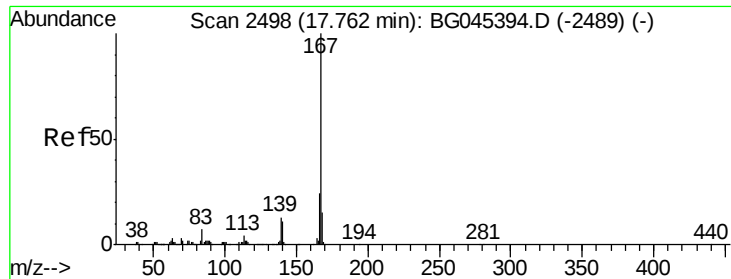


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

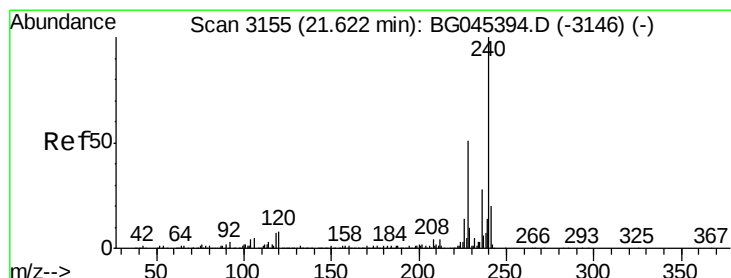
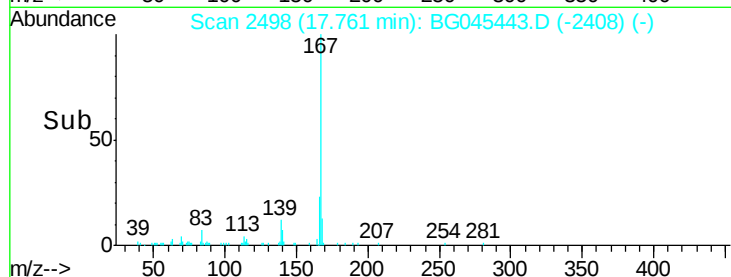
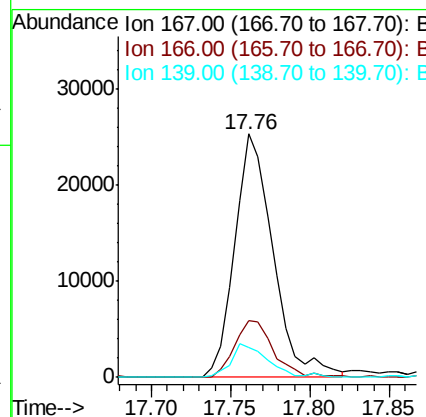
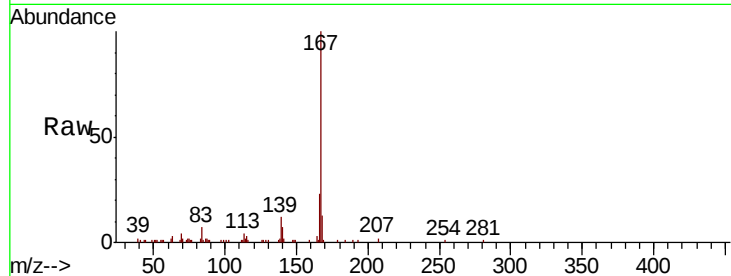




#73
 Carbazole
 Concen: 2.016 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

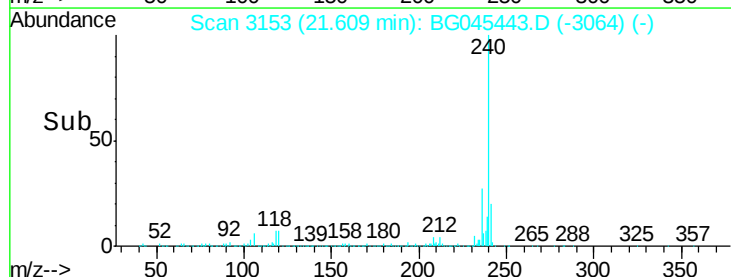
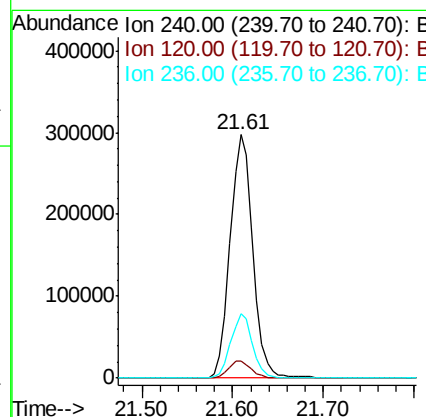
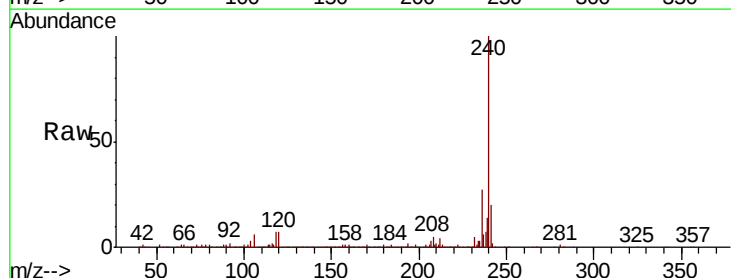
Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

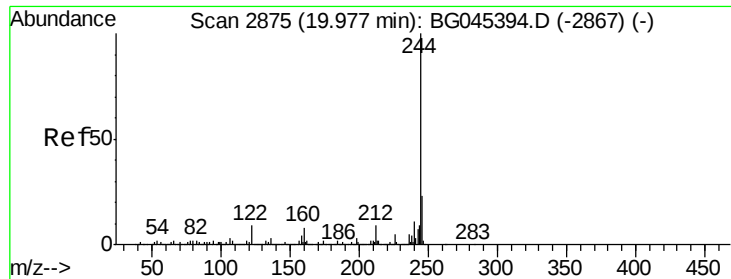
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.2	28.8
139	12.2	10.6	16.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.1	9.1
236	26.6	22.3	33.5

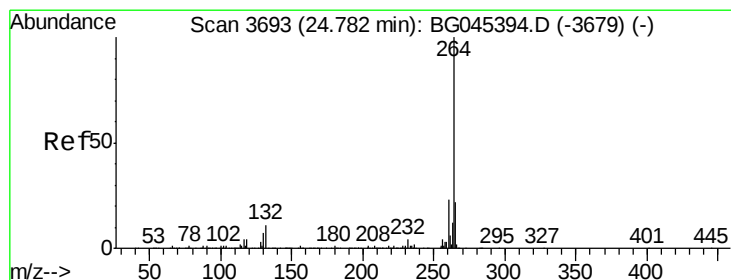
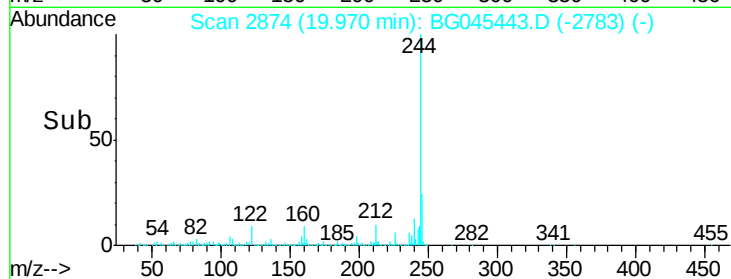
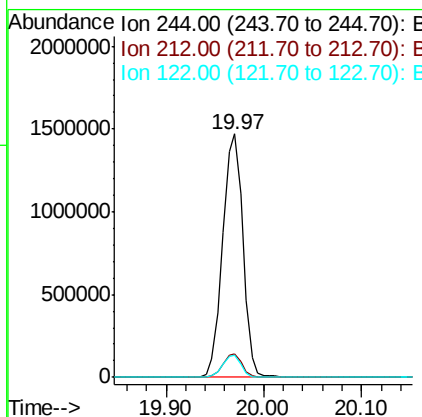
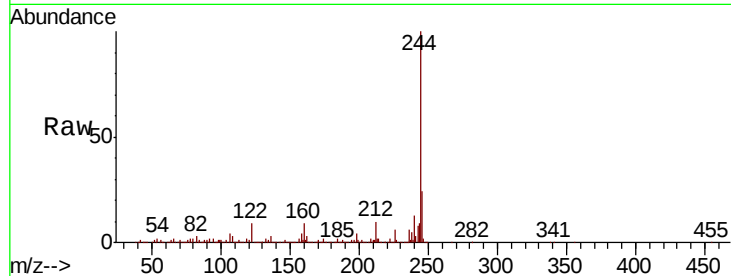




#79
 Terphenyl-d14
 Concen: 95.820 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. 0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

Tot Ion:244 Resp: 2122003
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.4 11.0
 122 9.1 6.8 10.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.76 min Scan# 3690
 Delta R.T. -0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Tgt Ion:264 Resp: 545420
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.4
 265 21.6 17.6 26.4

