

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045058.D
 Acq On : 18 Apr 2020 9:05
 Operator : CG/JU
 Sample : L2325-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-4-POST-DIRT-BAG

Quant Time: Apr 18 09:44:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

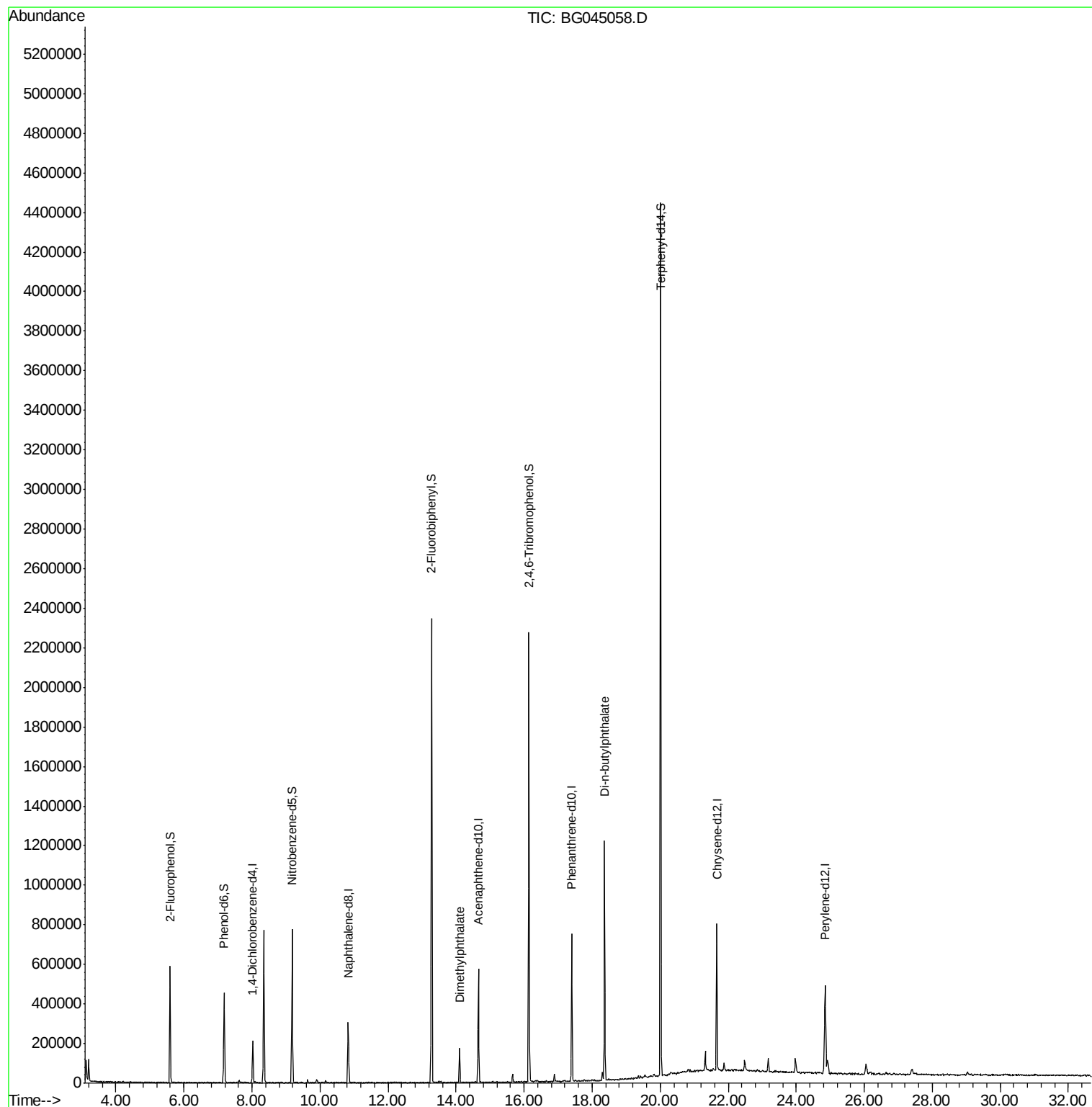
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	63004	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	275027	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	212615	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	496436	20.00	ng	0.00
76) Chrysene-d12	21.66	240	459823	20.00	ng	0.00
87) Perylene-d12	24.85	264	503583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	278441	72.96	ng	0.00
7) Phenol-d6	7.18	99	300326	52.97	ng	0.00
23) Nitrobenzene-d5	9.18	82	505199	83.82	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	454387	138.34	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1250953	86.27	ng	0.00
79) Terphenyl-d14	20.01	244	2091614	99.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	118873	6.866	ng	Qvalue # 99
74) Di-n-butylphthalate	18.37	149	886872	29.249	ng	99

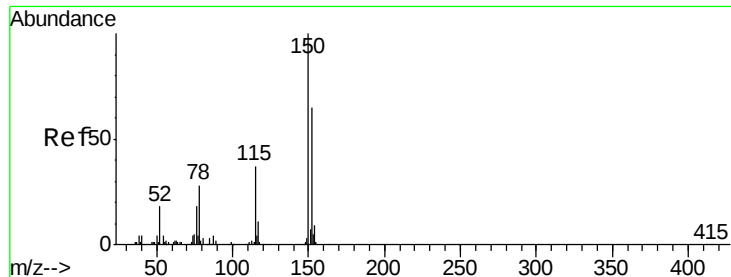
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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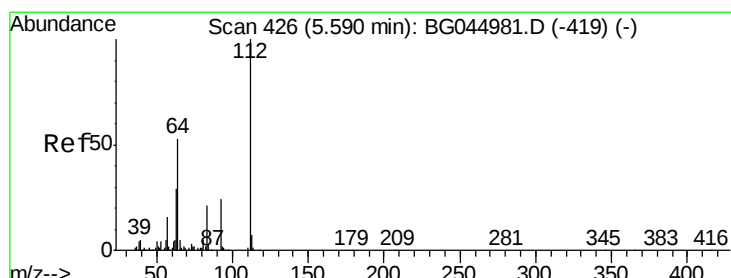
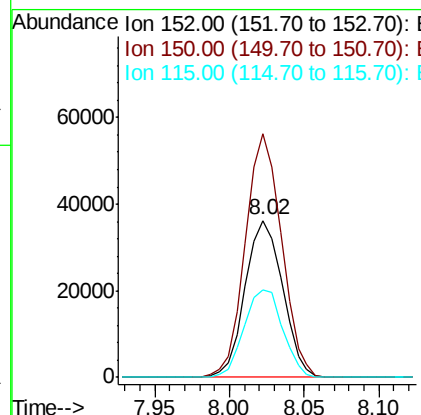
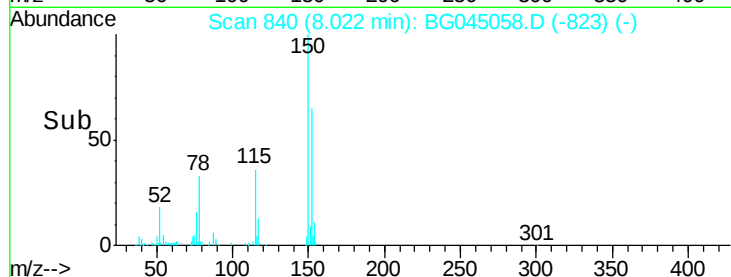
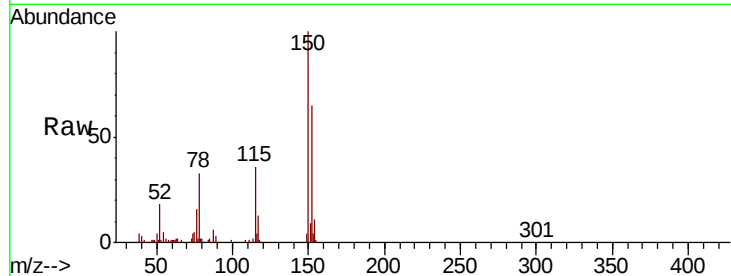




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045058.D
 Acq: 18 Apr 2020 9:05

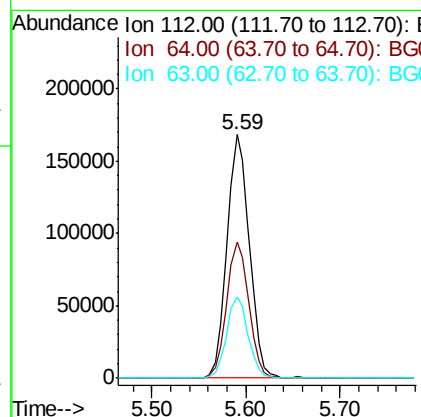
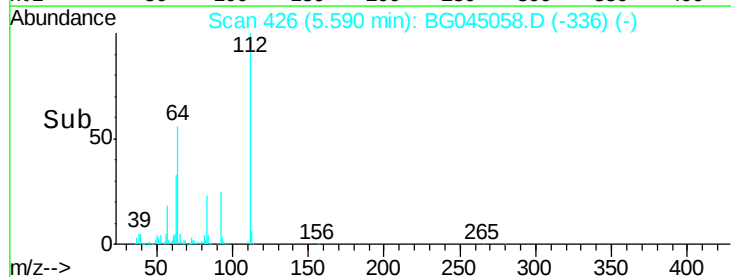
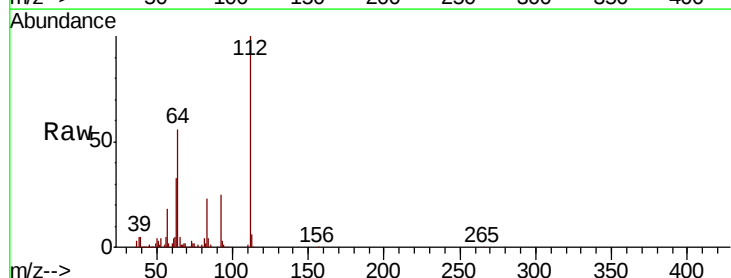
Instrument :
 BNA_G
 ClientSampleId :
 MH-4-POST-DIRT-BAG

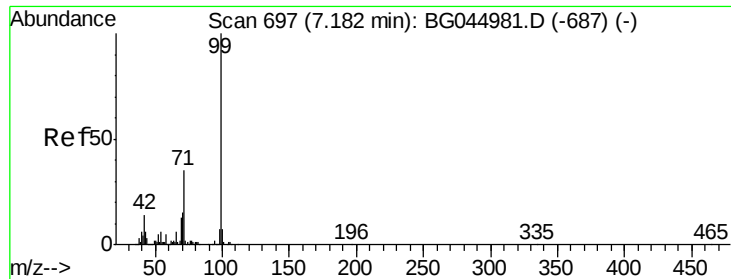
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.6	185.4
115	55.6	49.1	73.7



#5
 2-Fluorophenol
 Concen: 72.962 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045058.D
 Acq: 18 Apr 2020 9:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.4	63.6
63	33.2	23.1	34.7





#7

Phenol-d6

Concen: 52.968 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045058.D

Acq: 18 Apr 2020 9:05

Instrument :

BNA_G

ClientSampleId :

MH-4-POST-DIRT-BAG

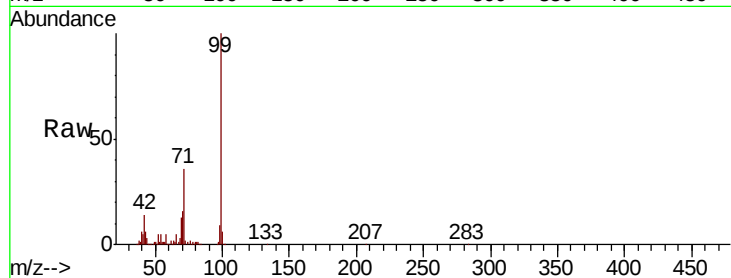
Tot Ion: 99 Resp: 300326

Ion Ratio Lower Upper

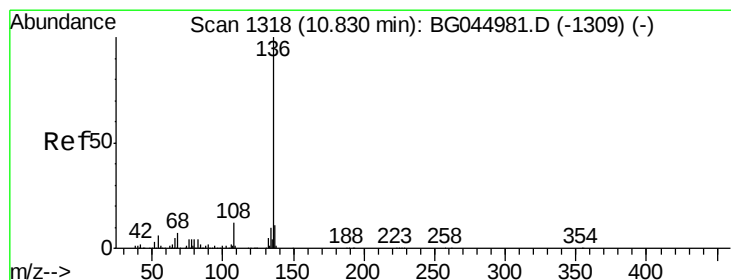
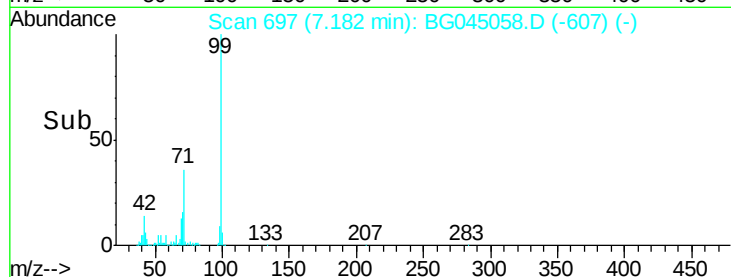
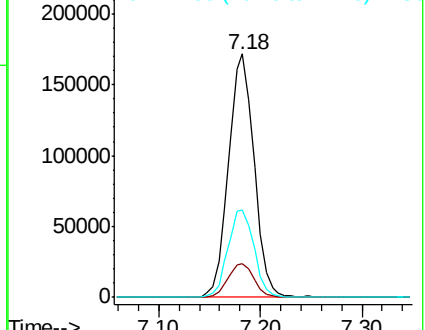
99 100

42 14.1 11.3 16.9

71 36.0 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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045058.D

Acq: 18 Apr 2020 9:05

Tgt Ion: 136 Resp: 275027

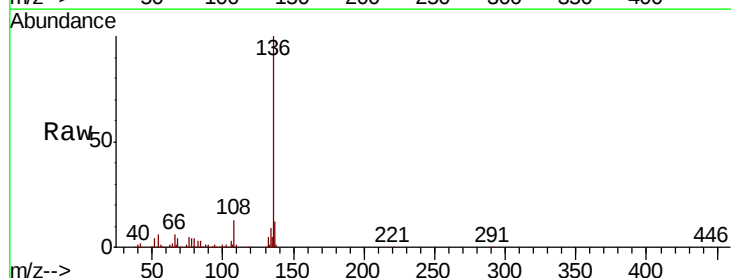
Ion Ratio Lower Upper

136 100

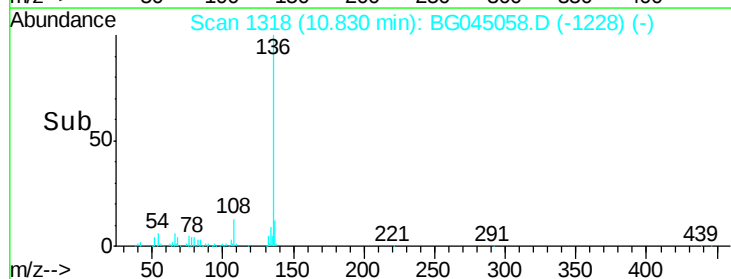
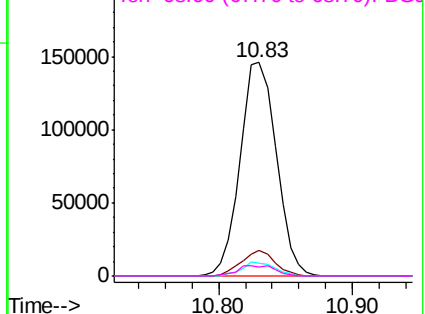
137 11.7 8.6 13.0

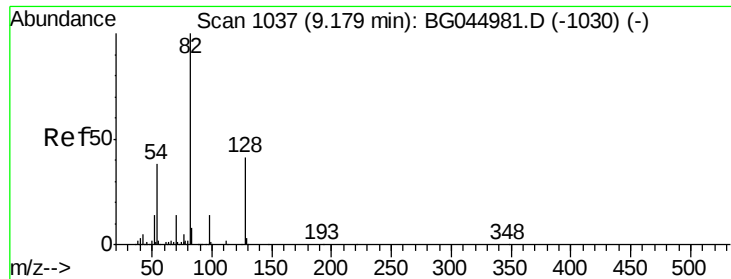
54 5.9 4.8 7.2

68 4.3 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

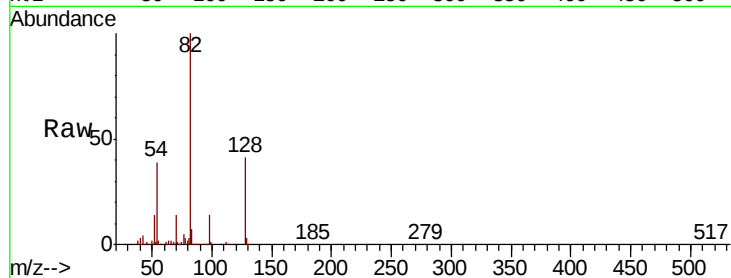




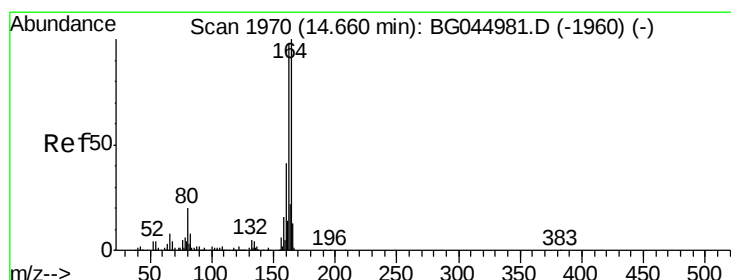
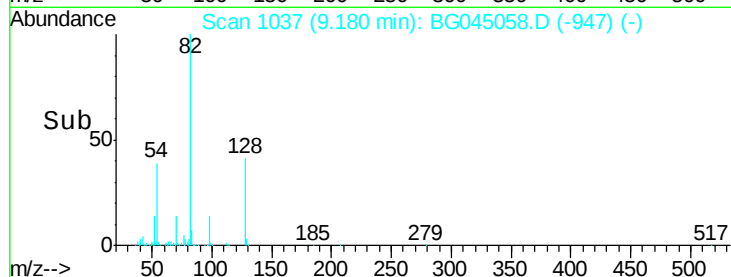
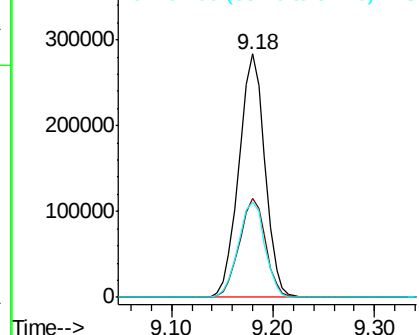
#23
 Nitrobenzene-d5
 Concen: 83.816 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045058.D
 Acq: 18 Apr 2020 9:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-4-POST-DIRT-BAG

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	39.3	30.4	45.6

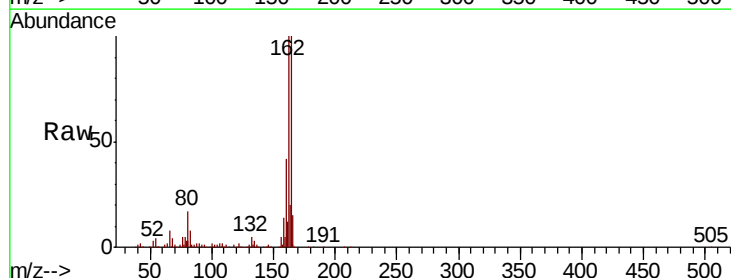


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

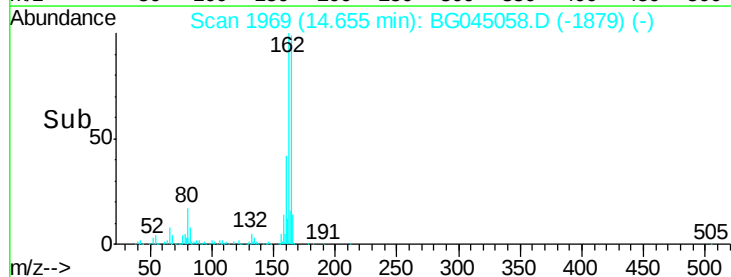
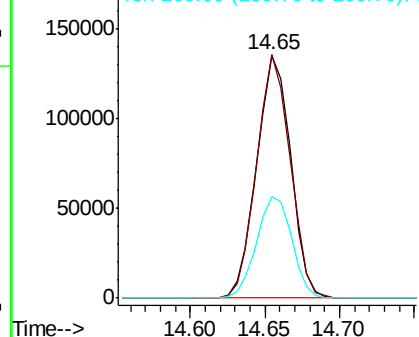


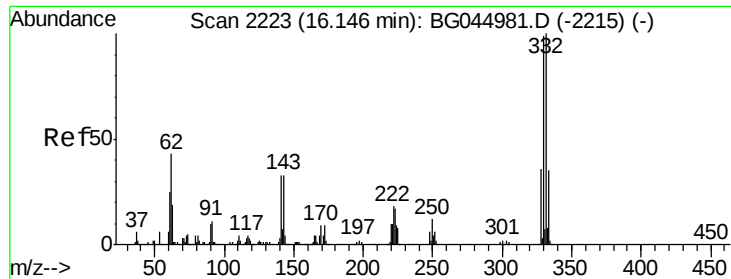
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045058.D
 Acq: 18 Apr 2020 9:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.7	118.1
160	42.1	32.8	49.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

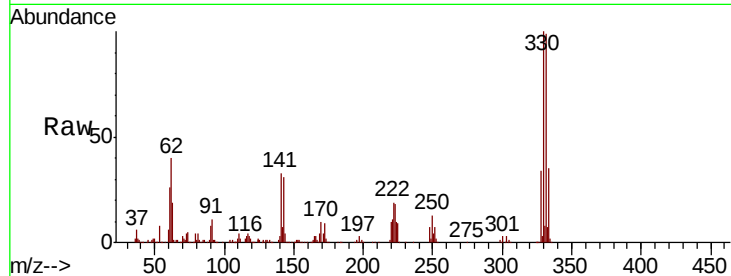




#42
 2,4,6-Tribromophenol
 Concen: 138.338 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045058.D
 Acq: 18 Apr 2020 9:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-4-POST-DIRT-BAG

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	35.6	27.1	40.7

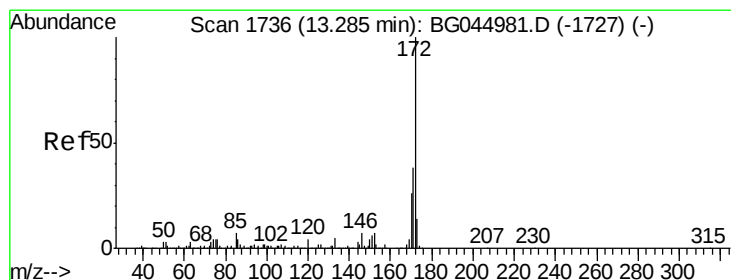
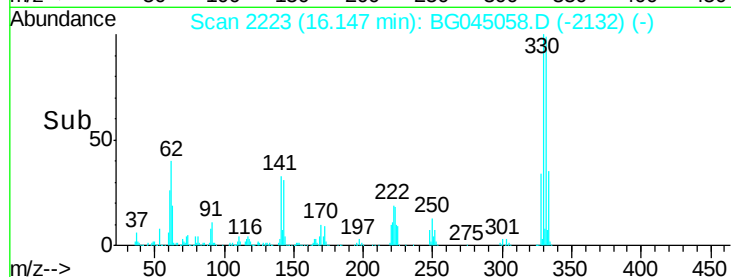
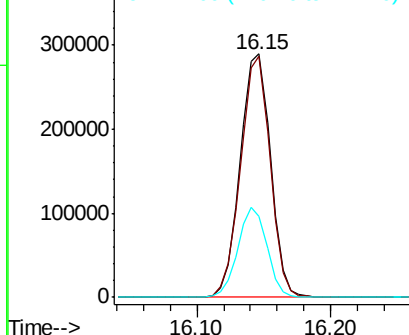


Abundance

Ion 329.80 (329.50 to 330.50): E

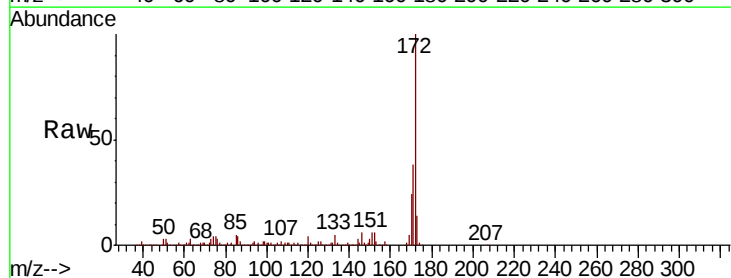
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.273 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045058.D
 Acq: 18 Apr 2020 9:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.6	46.0
170	23.8	20.5	30.7

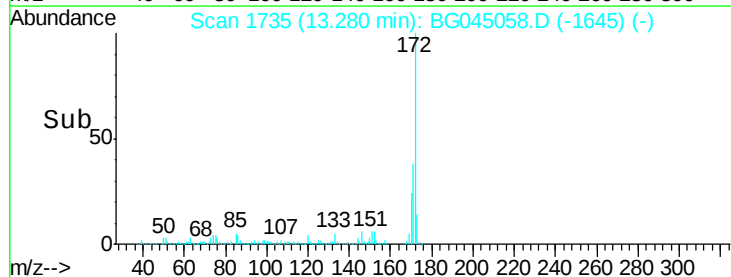
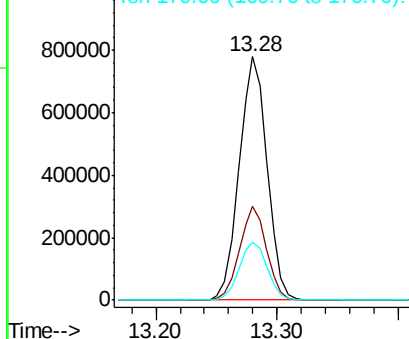


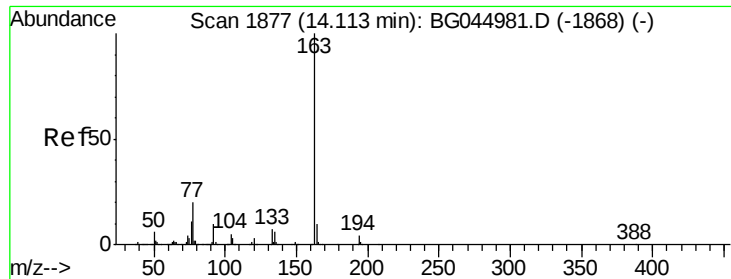
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

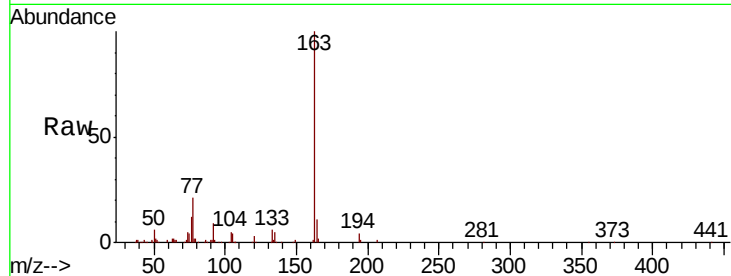




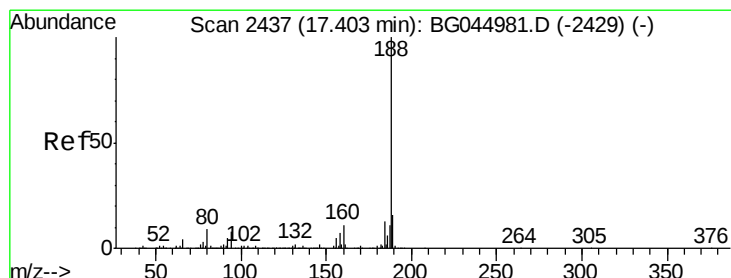
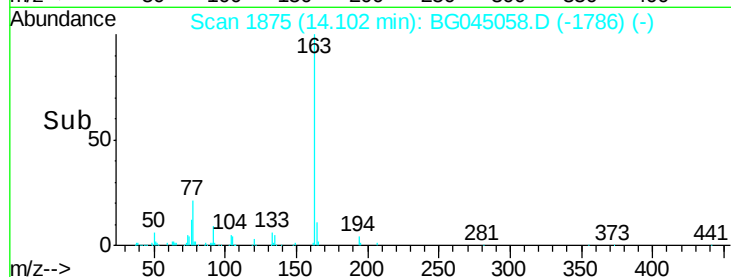
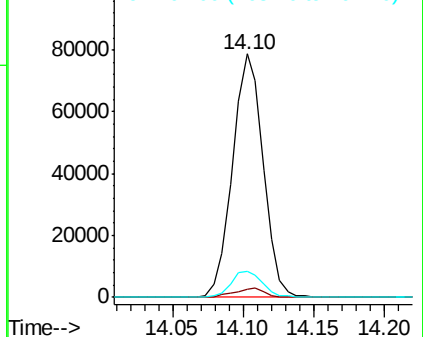
#50
Dimethylphthalate
Concen: 6.866 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045058.D
Acq: 18 Apr 2020 9:05

Instrument :
BNA_G
ClientSampleId :
MH-4-POST-DIRT-BAG

Tot Ion:163 Resp: 118873
Ion Ratio Lower Upper
163 100
194 3.5 3.5 5.3#
164 10.7 8.2 12.4

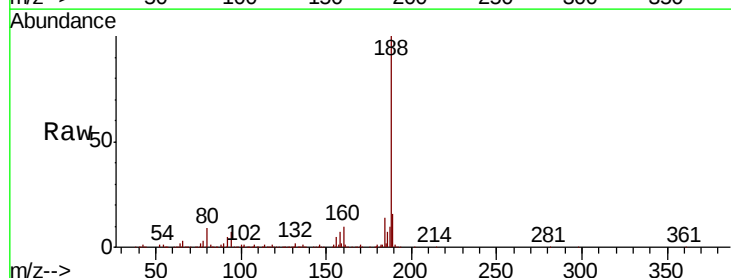


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

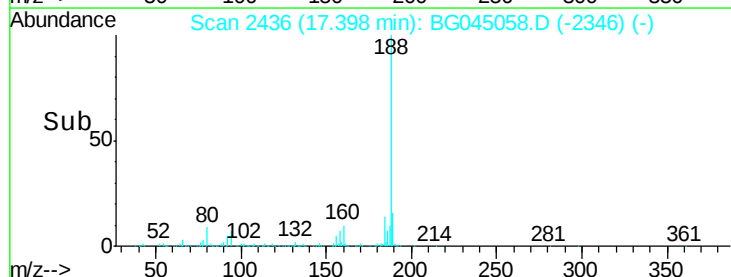
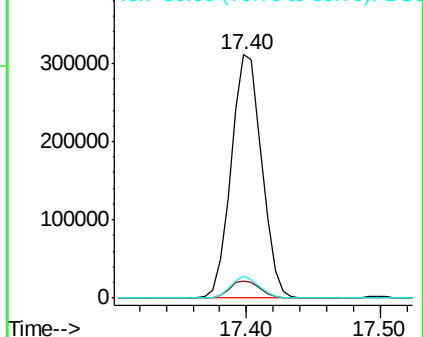


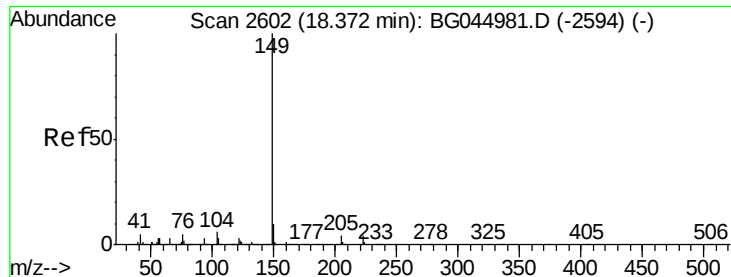
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045058.D
Acq: 18 Apr 2020 9:05

Tgt Ion:188 Resp: 496436
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.4
80 9.2 7.0 10.6



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





#74

Di-n-butylphthalate

Concen: 29.249 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045058.D

Acq: 18 Apr 2020 9:05

Instrument :

BNA_G

ClientSampleId :

MH-4-POST-DIRT-BAG

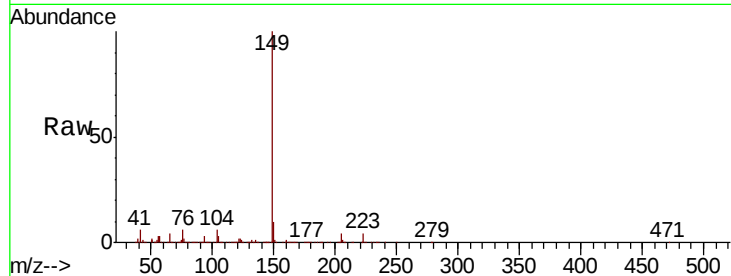
Tot Ion:149 Resp: 886872

Ion Ratio Lower Upper

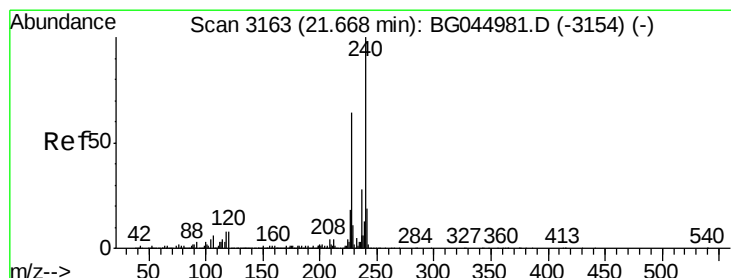
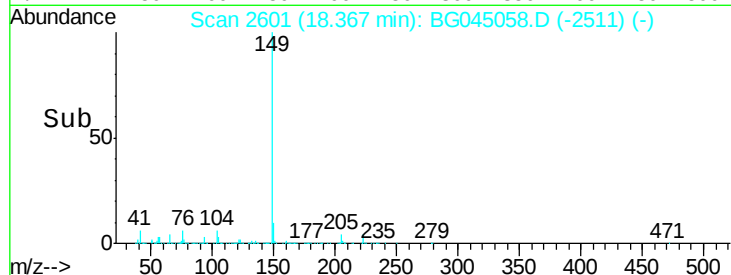
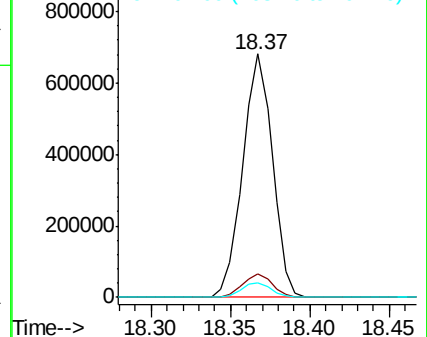
149 100

150 9.7 8.2 12.2

104 5.9 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045058.D

Acq: 18 Apr 2020 9:05

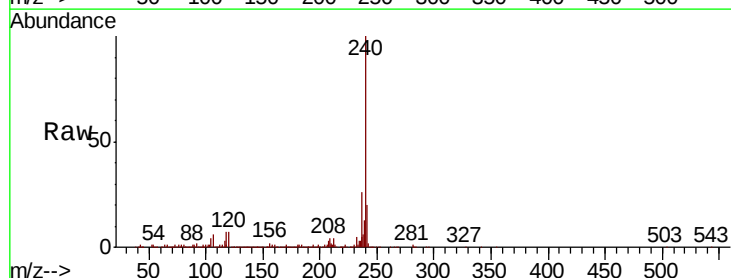
Tgt Ion:240 Resp: 459823

Ion Ratio Lower Upper

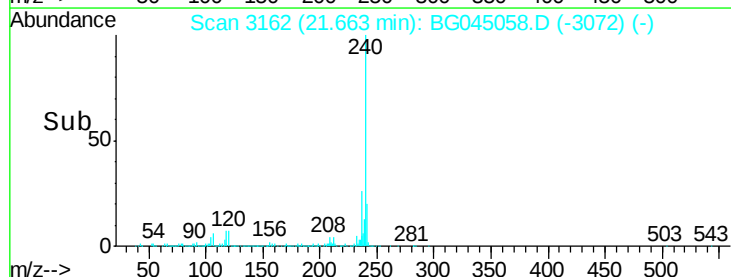
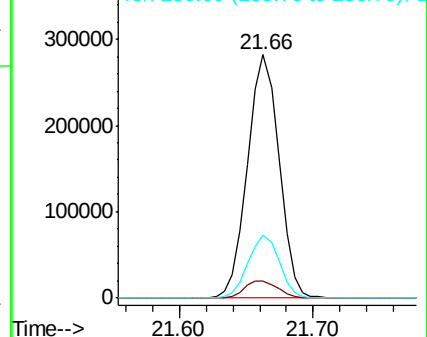
240 100

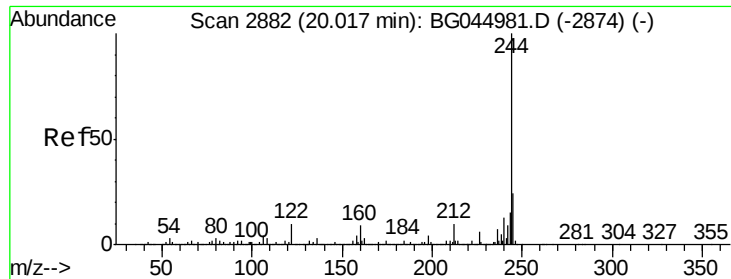
120 6.8 6.6 10.0

236 25.9 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

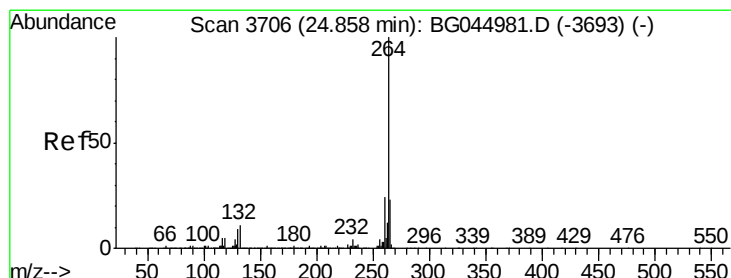
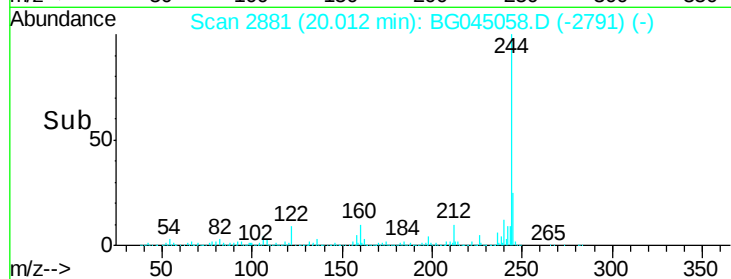
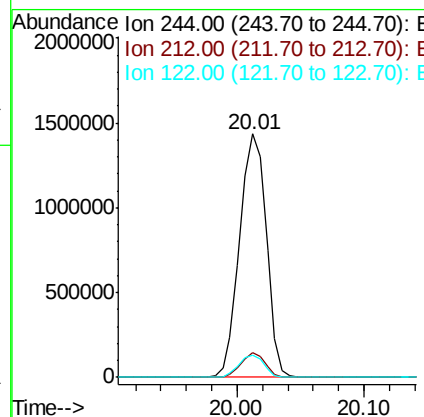
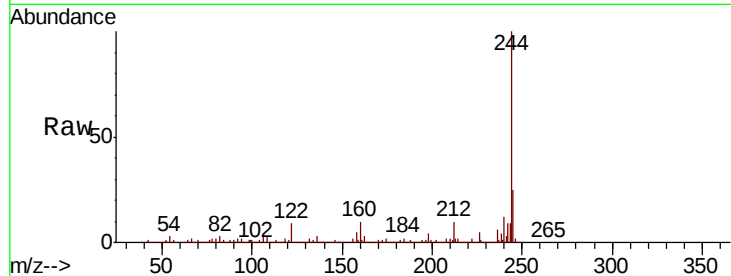




#79
 Terphenyl-d14
 Concen: 99.143 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.00 min
 Lab File: BG045058.D
 Acq: 18 Apr 2020 9:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-4-POST-DIRT-BAG

Tot Ion:244 Resp: 2091614
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.9 11.9
 122 9.2 7.7 11.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3705
 Delta R.T. -0.00 min
 Lab File: BG045058.D
 Acq: 18 Apr 2020 9:05

Tgt Ion:264 Resp: 503583
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 22.3 19.0 28.4

