

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045306.D
 Acq On : 11 May 2020 21:24
 Operator : CG/JU
 Sample : L2533-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MONOPOLE-FOUNDATION

Quant Time: May 12 01:34:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

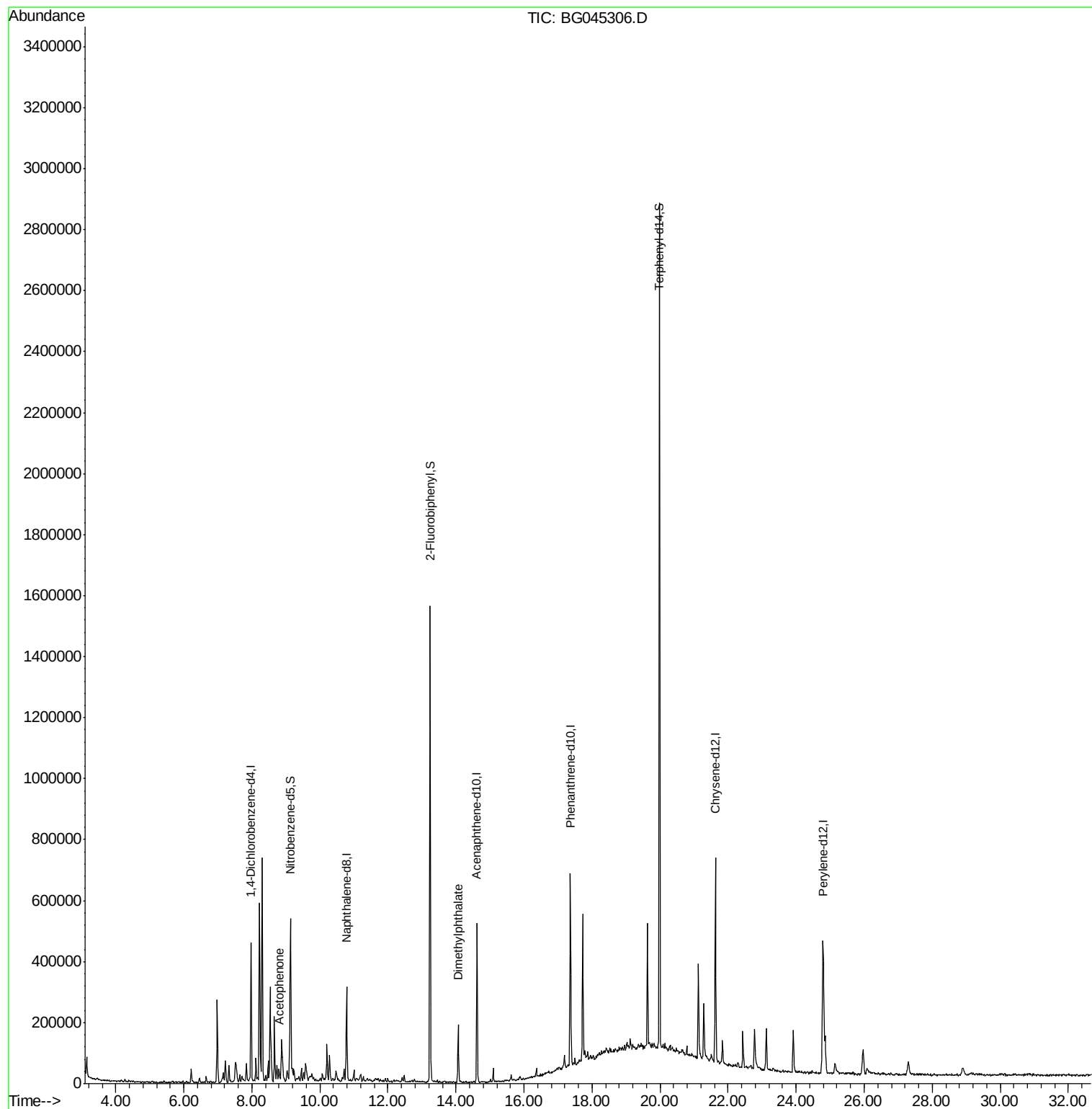
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	70693	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	275862	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	195458	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	418890	20.00	ng	0.00
76) Chrysene-d12	21.63	240	431096	20.00	ng	0.00
87) Perylene-d12	24.79	264	498105	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	135	0.03	ng	0.03
7) Phenol-d6	7.15	99	6346	1.00	ng	0.00
23) Nitrobenzene-d5	9.13	82	373919	61.85	ng	0.00
42) 2,4,6-Tribromophenol	16.48	330	61	0.02	ng	0.36
45) 2-Fluorobiphenyl	13.24	172	885970	66.47	ng	0.00
79) Terphenyl-d14	19.98	244	1369502	69.24	ng	0.00
Target Compounds						
22) Acetophenone	8.80	105	20426	2.74	ng	Qvalue # 97
50) Dimethylphthalate	14.06	163	125078	7.86	ng	97

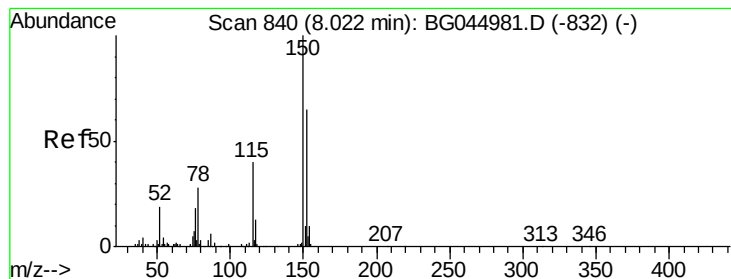
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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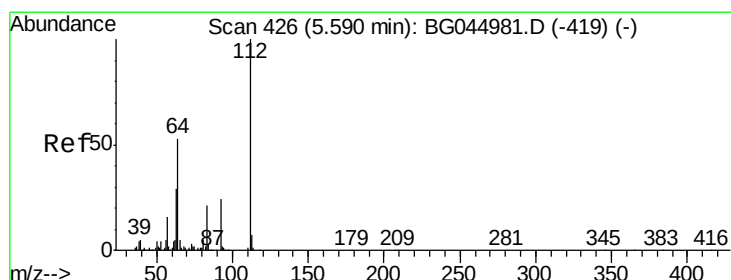
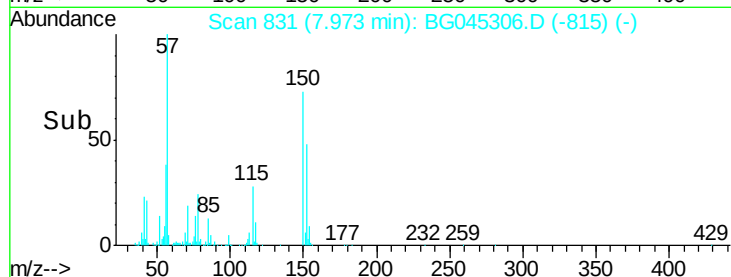
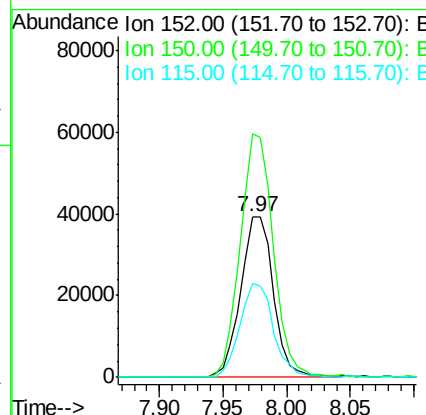
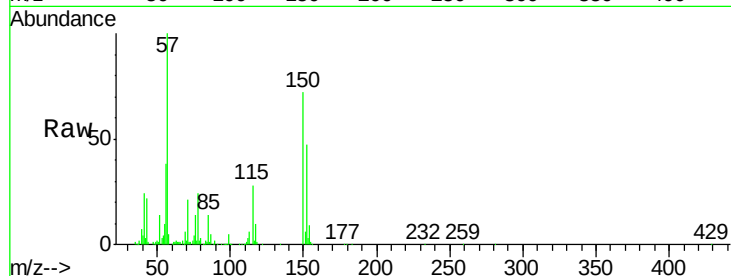




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG045306.D
 Acq: 11 May 2020 21:24

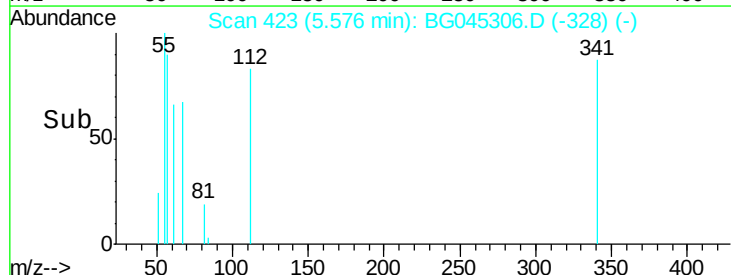
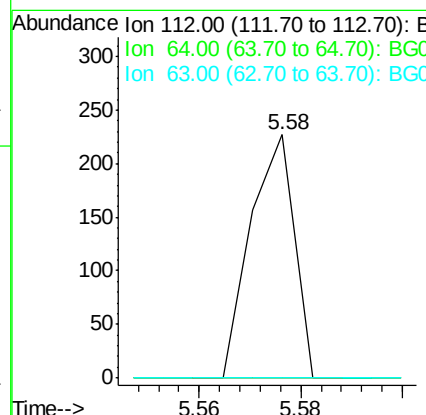
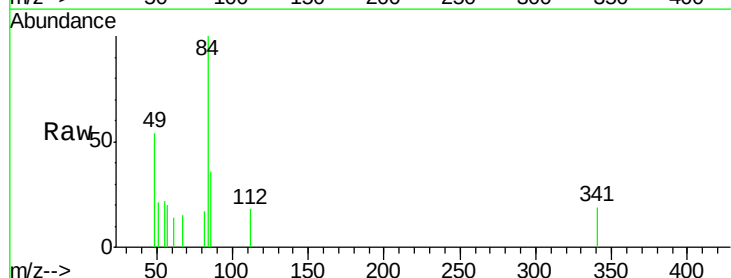
Instrument :
 BNA_G
 ClientSampleId :
 MONOPOLE-FOUNDATION

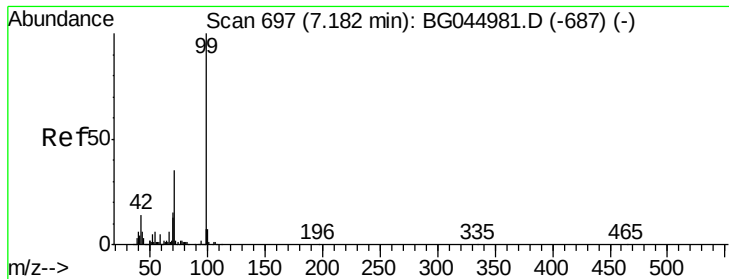
Tgt Ion:152 Resp: 70693
 Ion Ratio Lower Upper
 152 100
 150 151.4 123.6 185.4
 115 58.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 0.03 ng
 RT: 5.58 min Scan# 423
 Delta R.T. 0.03 min
 Lab File: BG045306.D
 Acq: 11 May 2020 21:24

Tgt Ion:112 Resp: 135
 Ion Ratio Lower Upper
 112 100
 64 0.0 42.4 63.6#
 63 0.0 23.1 34.7#





#7

Phenol-d6

Concen: 1.00 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045306.D

Acq: 11 May 2020 21:24

Instrument :

BNA_G

ClientSampleId :

MONOPOLE-FOUNDATION

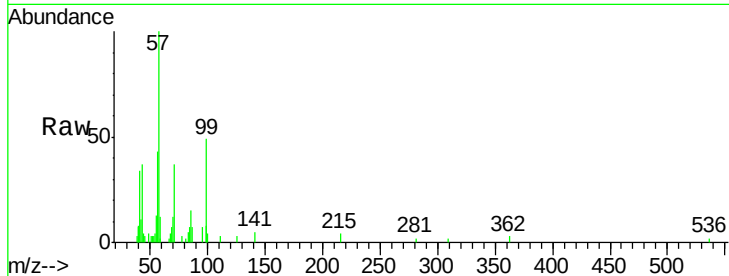
Tgt Ion: 99 Resp: 6346

Ion Ratio Lower Upper

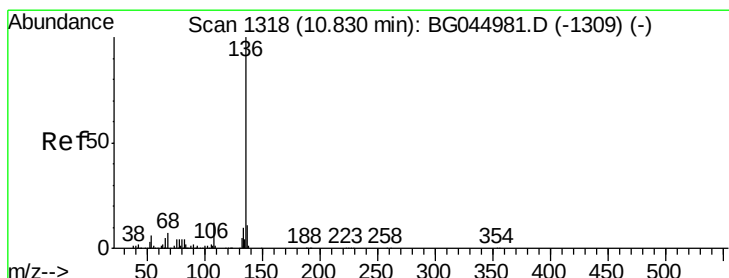
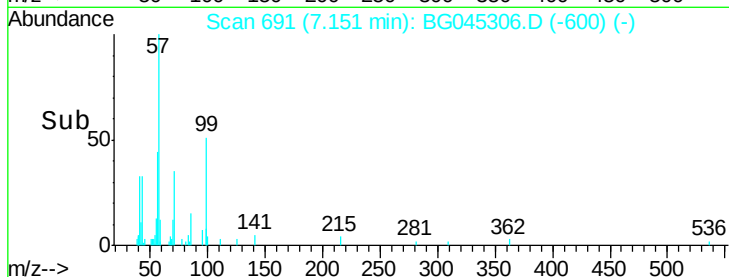
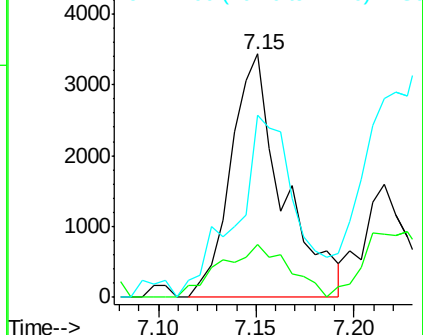
99 100

42 21.9 11.3 16.9#

71 74.6 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: 20.00 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG045306.D

Acq: 11 May 2020 21:24

Tgt Ion: 136 Resp: 275862

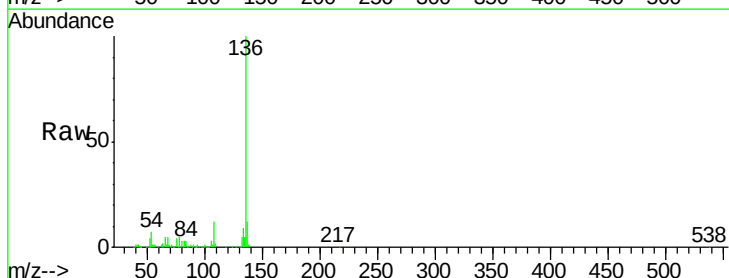
Ion Ratio Lower Upper

136 100

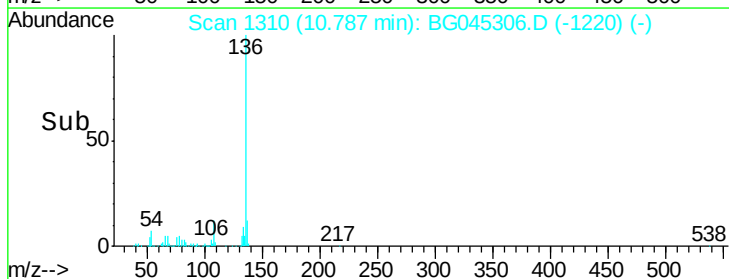
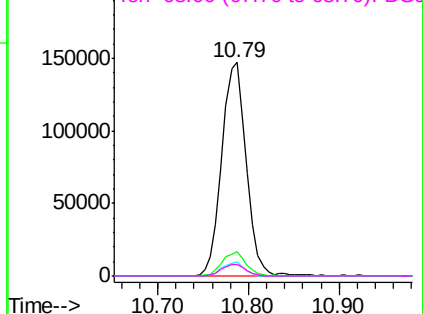
137 11.5 8.6 13.0

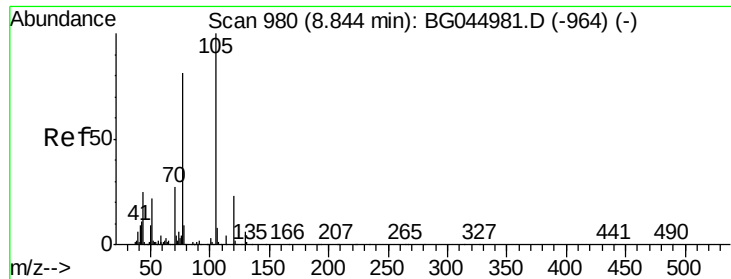
54 6.6 4.8 7.2

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





#22

Acetophenone

Concen: 2.74 ng

RT: 8.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG045306.D

Acq: 11 May 2020 21:24

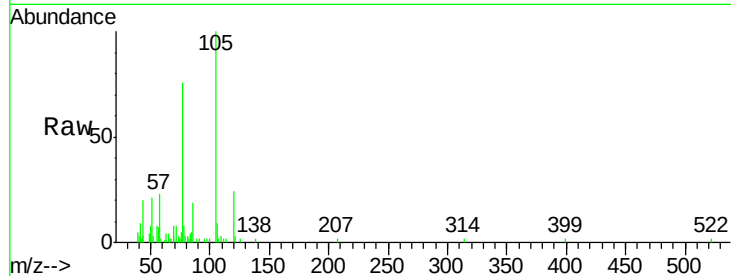
Instrument :

BNA_G

ClientSampleId :

MONOPOLE-FOUNDATION

Tgt Ion:	105	Resp:	20426
Ion Ratio		Lower	Upper
105	100		
71	8.3	3.3	4.9#
51	20.9	17.3	25.9
120	24.0	18.4	27.6

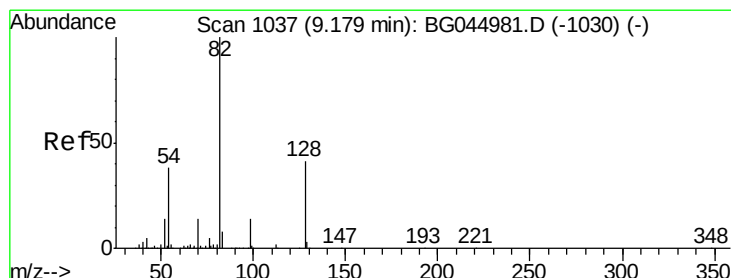
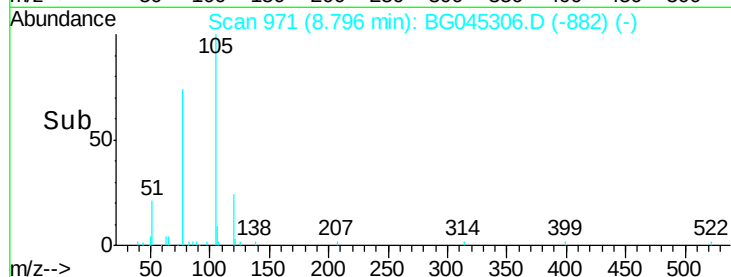
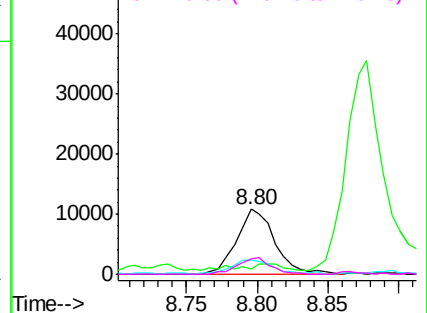


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 61.85 ng

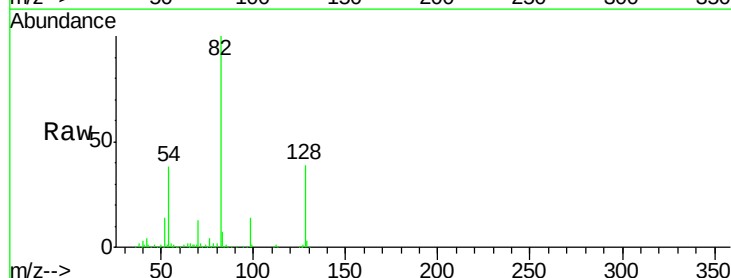
RT: 9.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG045306.D

Acq: 11 May 2020 21:24

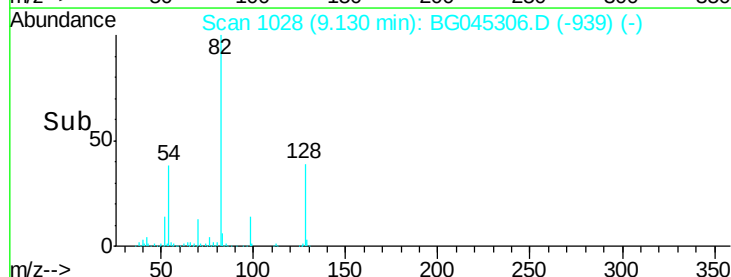
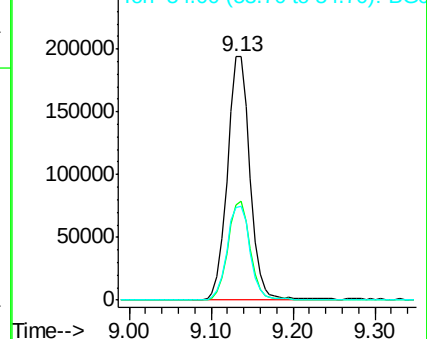
Tgt Ion:	82	Resp:	373919
Ion Ratio		Lower	Upper
82	100		
128	39.0	33.0	49.4
54	38.1	30.4	45.6

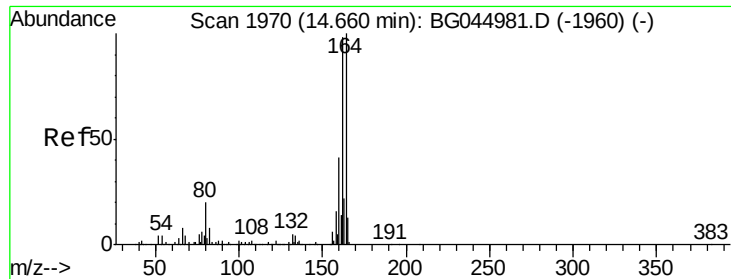


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

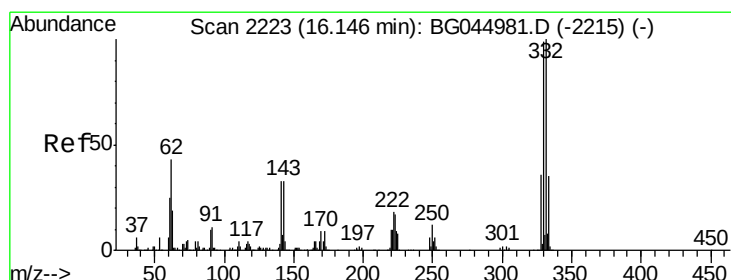
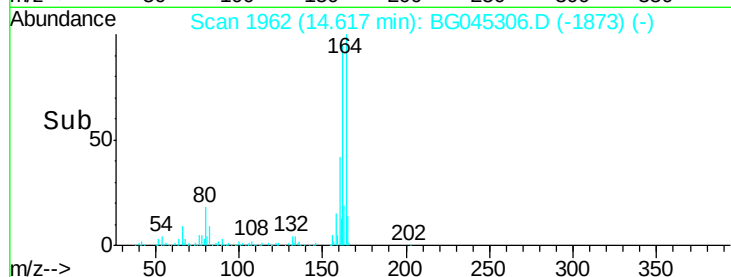
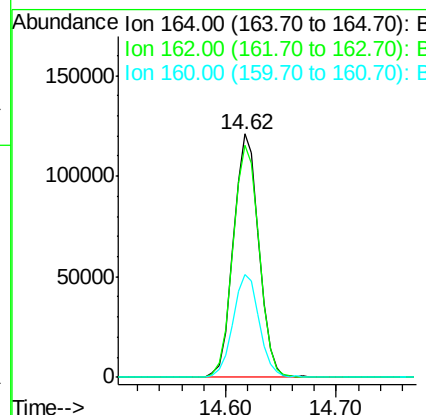
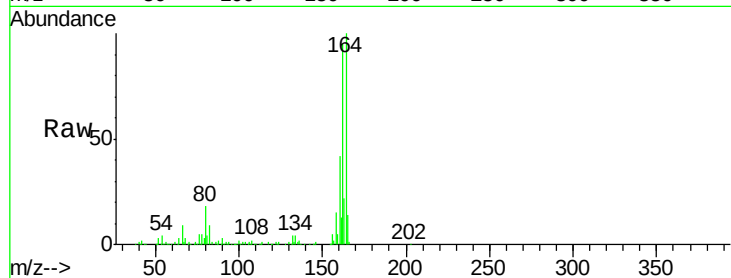




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045306.D
Acq: 11 May 2020 21:24

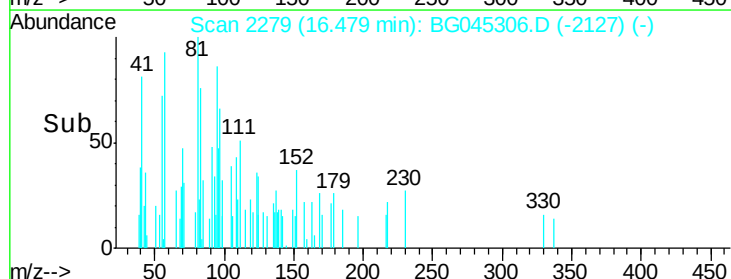
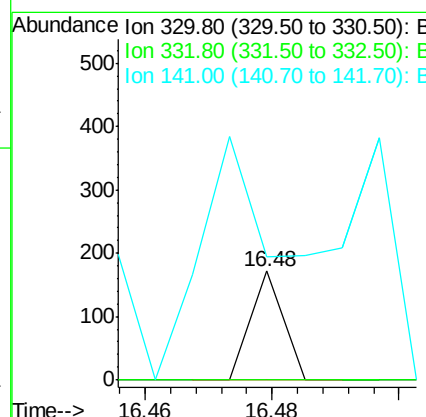
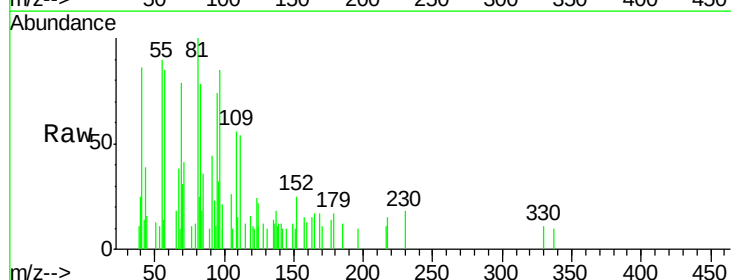
Instrument :
BNA_G
ClientSampleId :
MONOPOLE-FOUNDATION

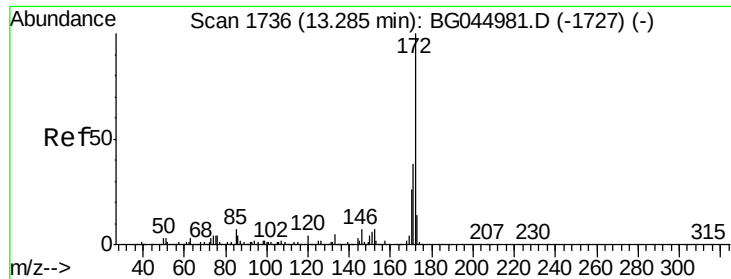
Tgt Ion:164 Resp: 195458
Ion Ratio Lower Upper
164 100
162 95.3 78.7 118.1
160 42.5 32.8 49.2



#42
2,4,6-Tribromophenol
Concen: 0.02 ng
RT: 16.48 min Scan# 2279
Delta R.T. 0.36 min
Lab File: BG045306.D
Acq: 11 May 2020 21:24

Tgt Ion:330 Resp: 61
Ion Ratio Lower Upper
330 100
332 0.0 79.1 118.7#
141 657.4 27.1 40.7#

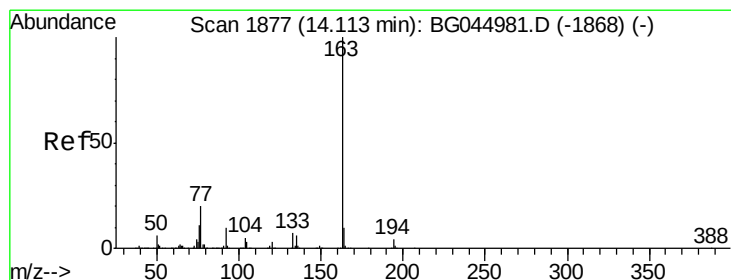
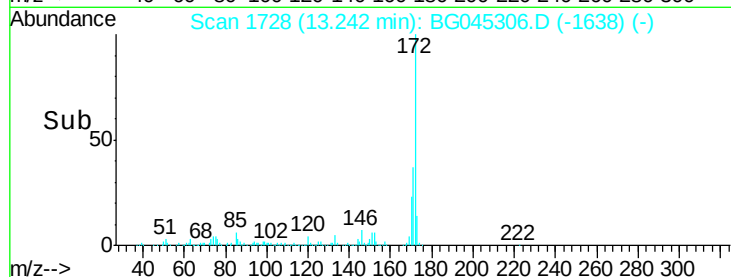
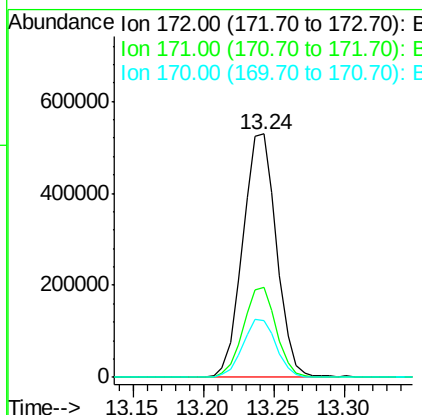
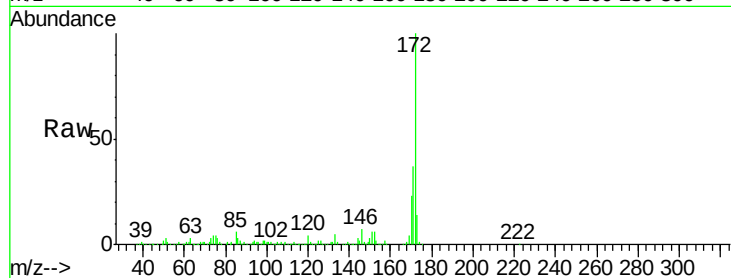




#45
 2-Fluorobiphenyl
 Concen: 66.47 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045306.D
 Acq: 11 May 2020 21:24

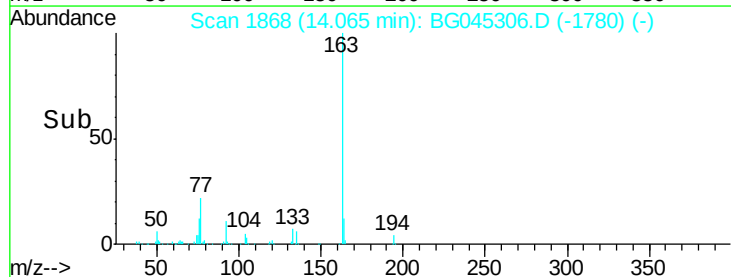
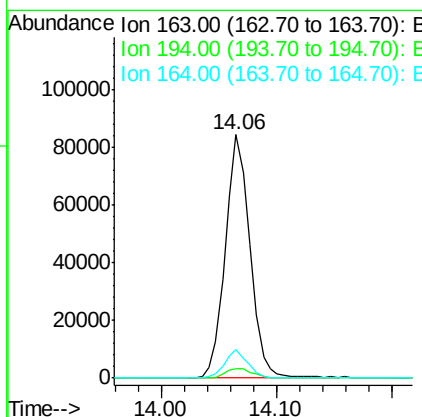
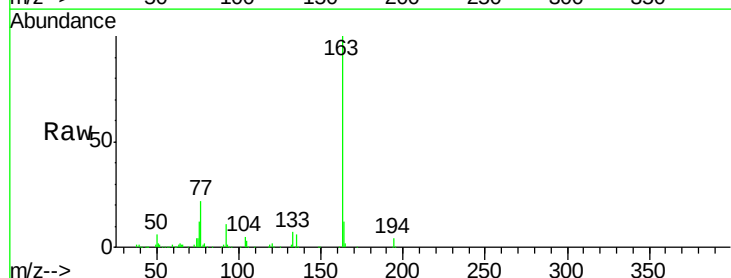
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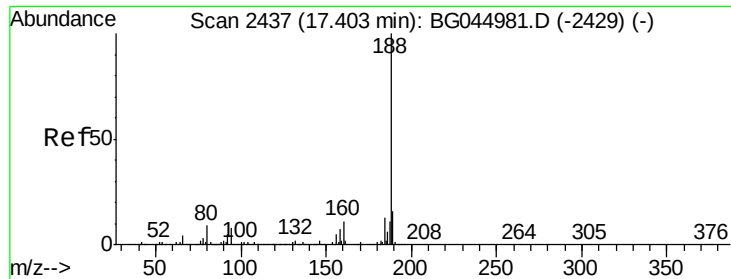
Tgt Ion:172 Resp: 885970
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 46.0
 170 23.4 20.5 30.7



#50
 Dimethylphthalate
 Concen: 7.86 ng
 RT: 14.06 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BG045306.D
 Acq: 11 May 2020 21:24

Tgt Ion:163 Resp: 125078
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.5 5.3
 164 11.6 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045306.D

Acq: 11 May 2020 21:24

Instrument :

BNA_G

ClientSampleId :

MONOPOLE-FOUNDATION

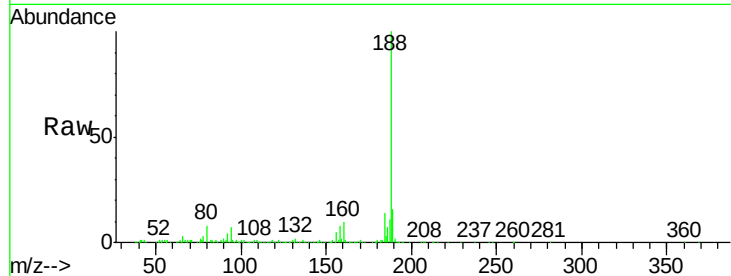
Tgt Ion:188 Resp: 418890

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

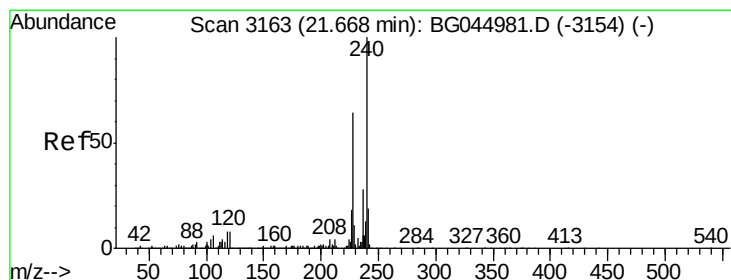
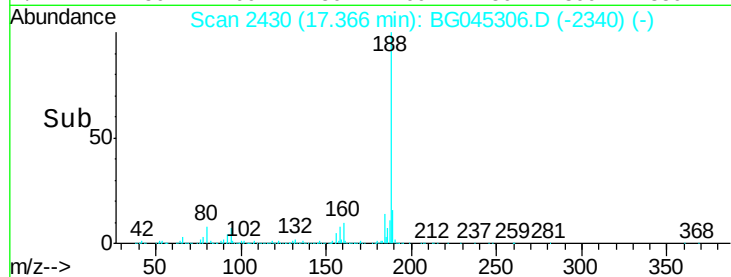
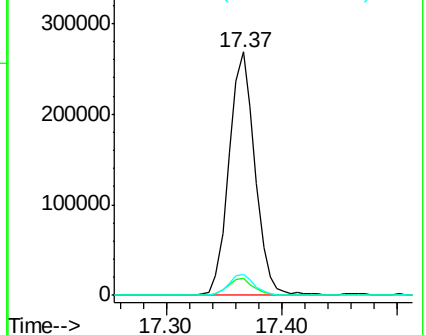
80 8.5 7.0 10.6



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



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045306.D

Acq: 11 May 2020 21:24

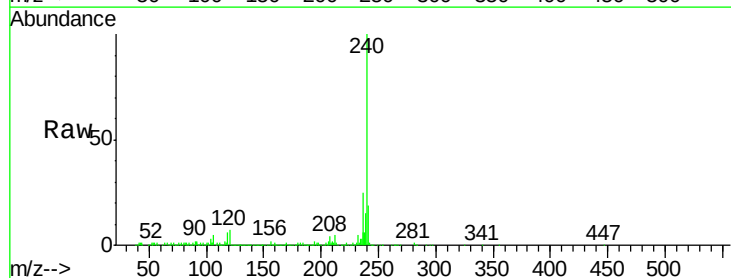
Tgt Ion:240 Resp: 431096

Ion Ratio Lower Upper

240 100

120 6.6 6.6 10.0#

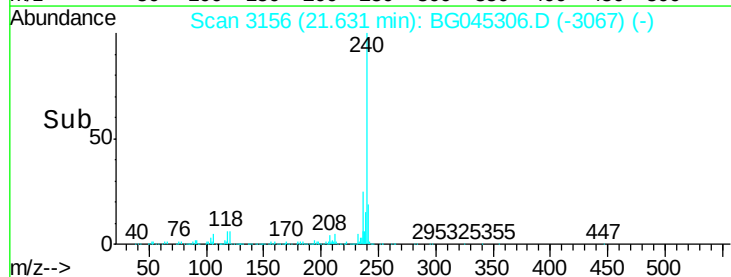
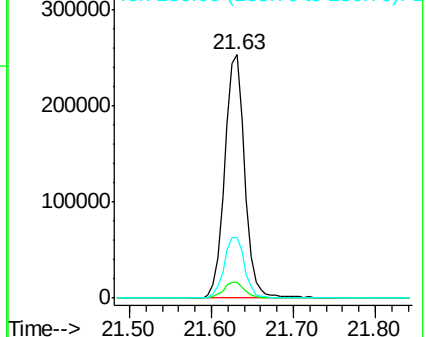
236 25.0 22.2 33.2

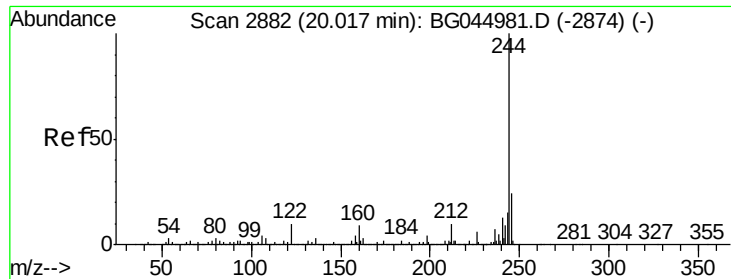


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

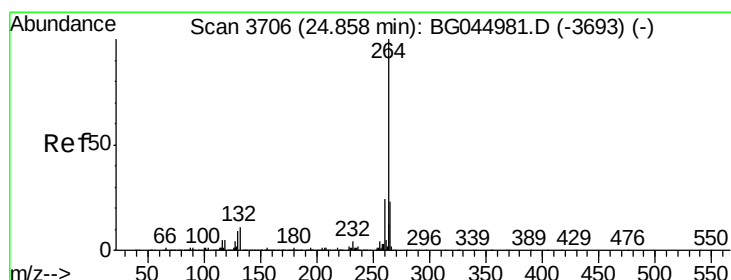
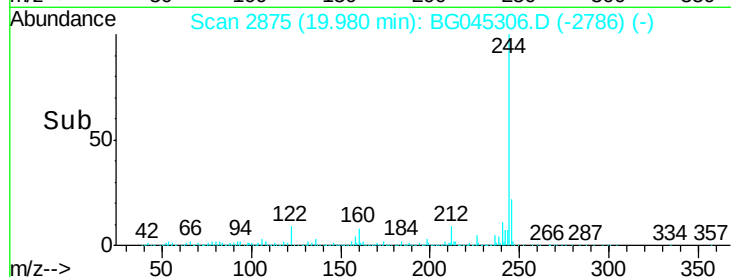
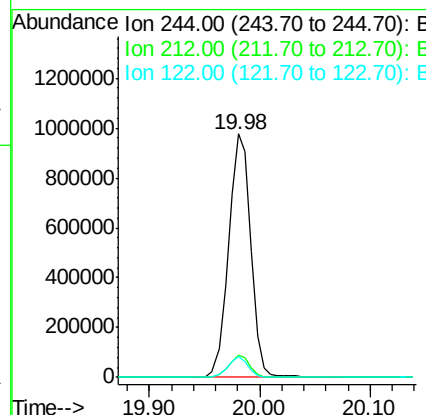
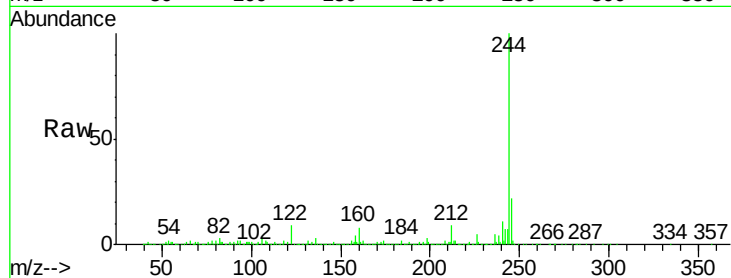




#79
 Terphenyl-d14
 Concen: 69.24 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG045306.D
 Acq: 11 May 2020 21:24

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Tgt Ion:244 Resp: 1369502
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.9 11.9
 122 8.7 7.7 11.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 3694
 Delta R.T. -0.01 min
 Lab File: BG045306.D
 Acq: 11 May 2020 21:24

Tgt Ion:264 Resp: 498105
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.8 19.0 28.4

