

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043060.D
 Acq On : 5 Oct 2019 18:04
 Operator : JU
 Sample : K5140-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219

Quant Time: Oct 07 09:05:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

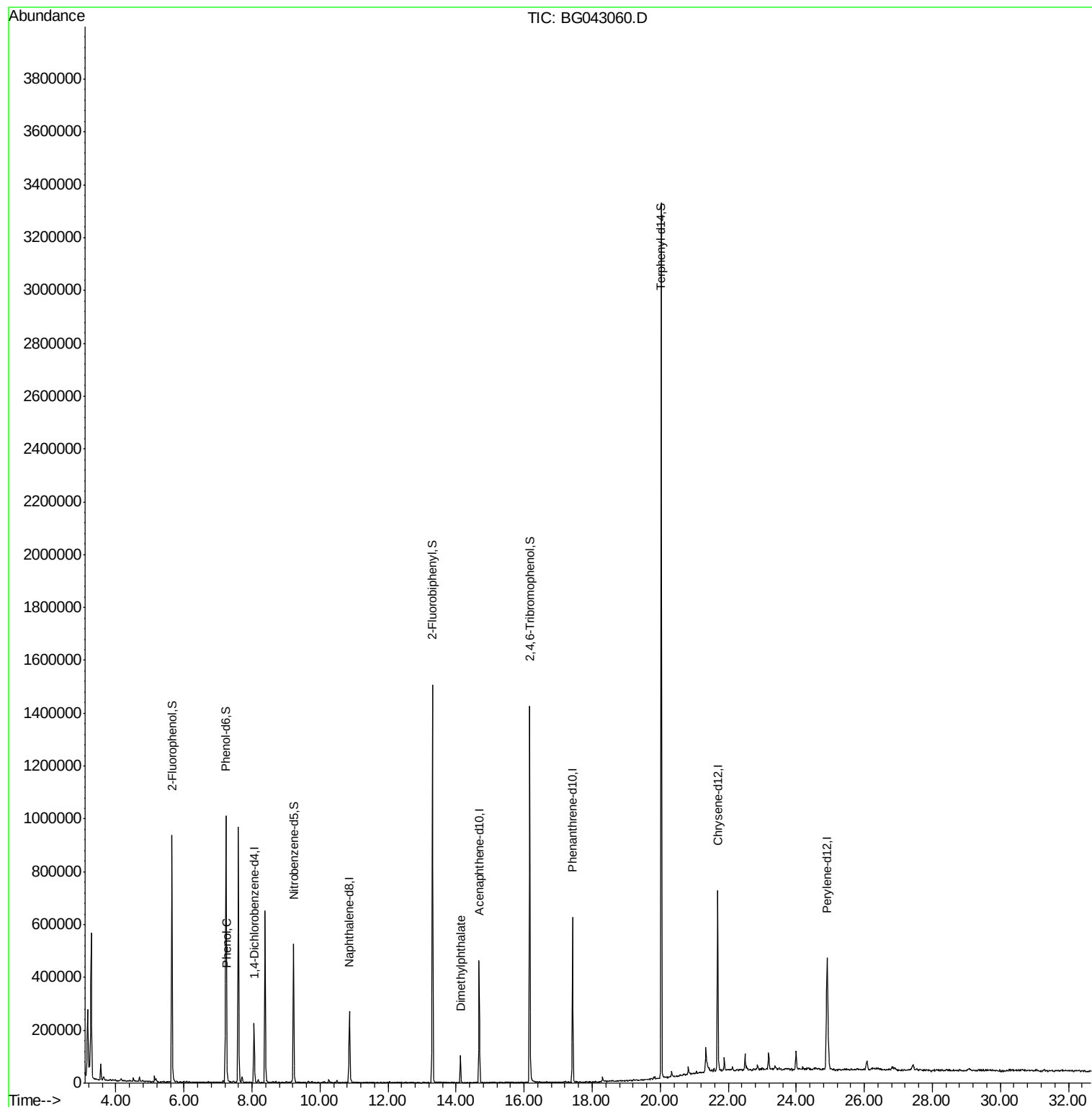
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	66458	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	242982	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	170791	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	391143	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	427768	20.00	ng	-0.03
87) Perylene-d12	24.91	264	496331	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	405591	108.91	ng	-0.01
7) Phenol-d6	7.24	99	586131	109.30	ng	0.00
23) Nitrobenzene-d5	9.22	82	331649	66.34	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	310823	105.84	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	827231	70.22	ng	-0.02
79) Terphenyl-d14	20.03	244	1585826	79.00	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	20502	4.167	ng	Qvalue 95
50) Dimethylphthalate	14.13	163	68720	5.370	ng	# 97

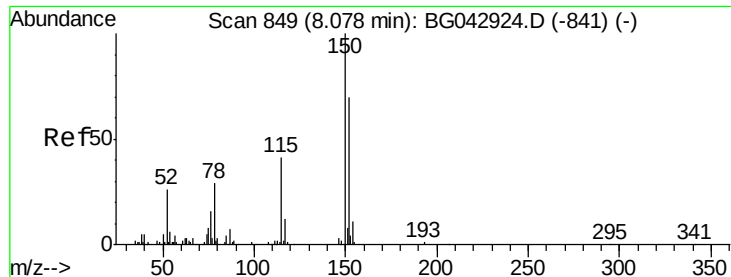
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043060.D
Acq On : 5 Oct 2019 18:04
Operator : JU
Sample : K5140-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Quant Time: Oct 07 09:05:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



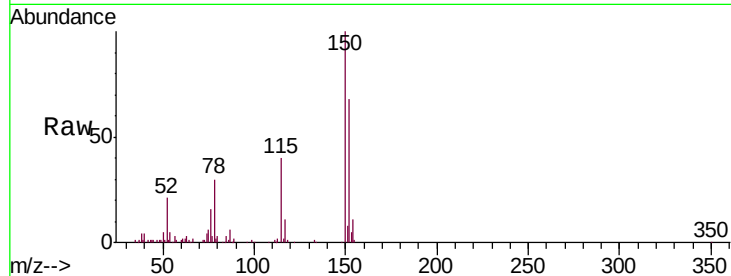


#1

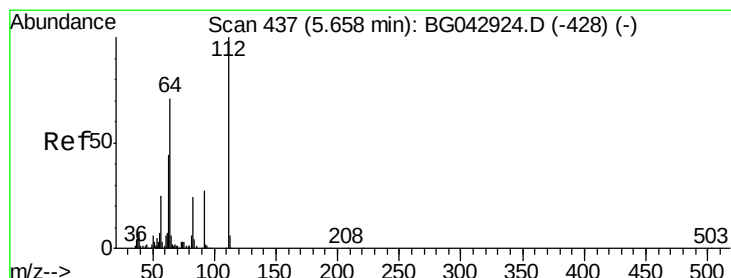
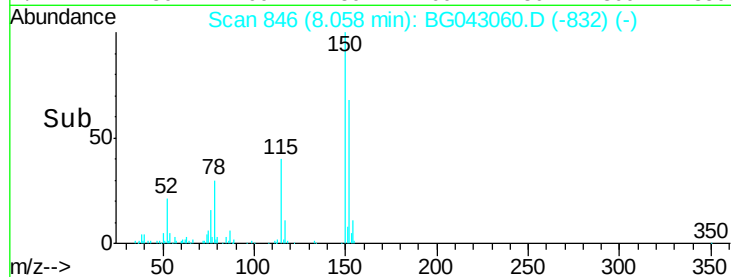
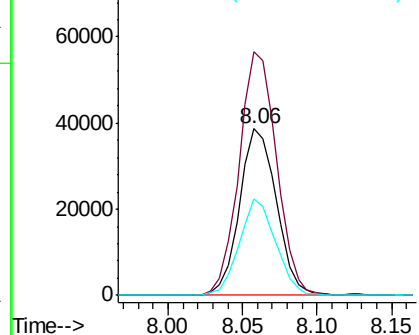
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.4	115.0	172.4
115	58.1	47.0	70.6



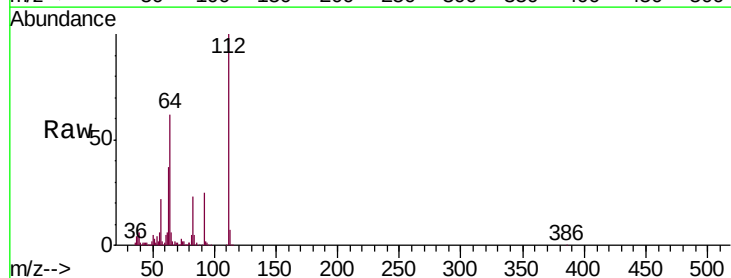
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



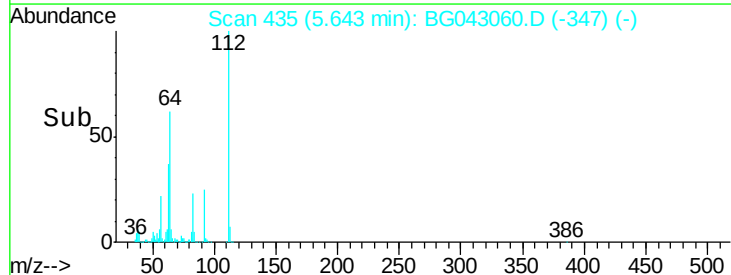
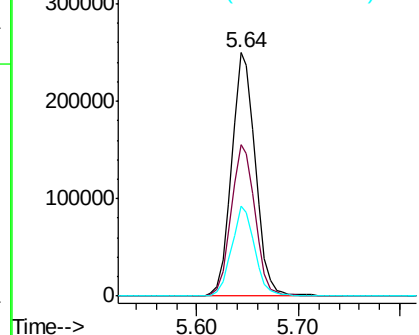
#5

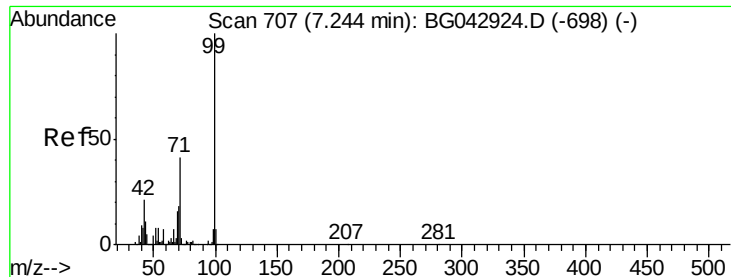
2-Fluorophenol
Concen: 108.915 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	56.6	84.8
63	36.8	35.1	52.7



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: 109.298 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043060.D

Acq: 5 Oct 2019 18:04

Instrument :

BNA_G

ClientSampleId :

HR-05-100219

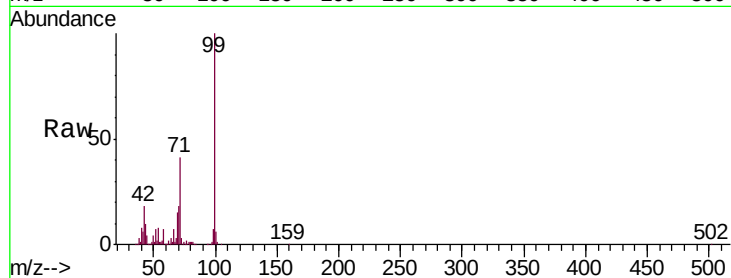
Tgt Ion: 99 Resp: 586131

Ion Ratio Lower Upper

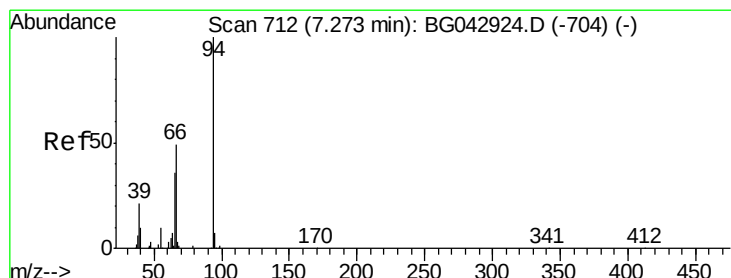
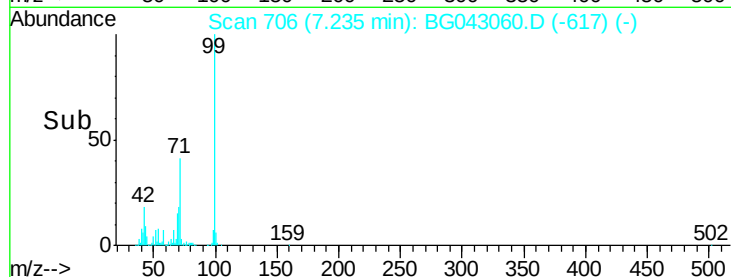
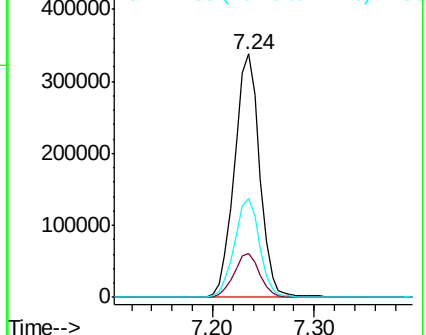
99 100

42 18.2 17.2 25.8

71 40.6 33.1 49.7



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: 4.167 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043060.D

Acq: 5 Oct 2019 18:04

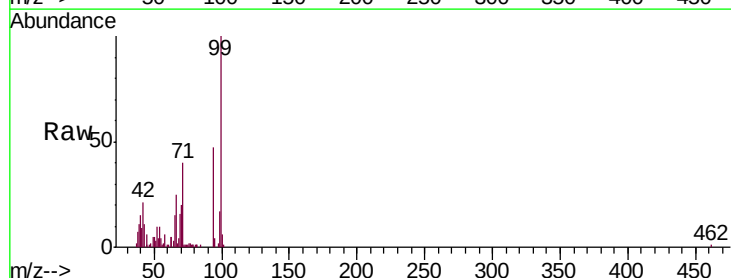
Tgt Ion: 94 Resp: 20502

Ion Ratio Lower Upper

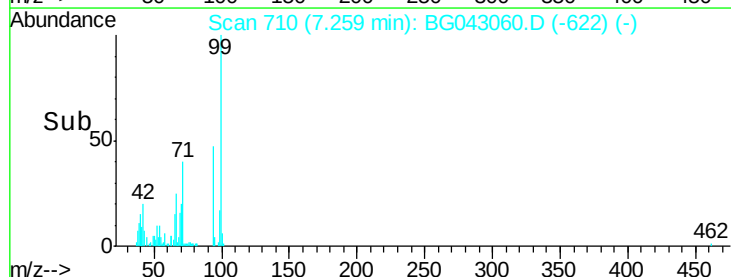
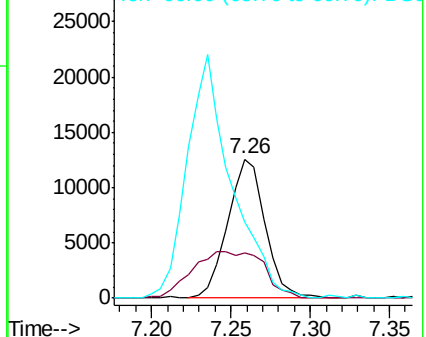
94 100

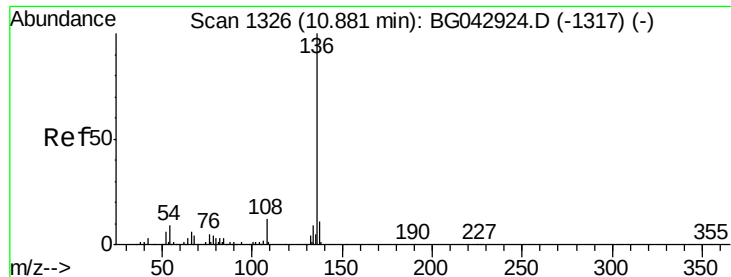
65 32.4 16.6 56.6

66 54.5 32.4 72.4



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

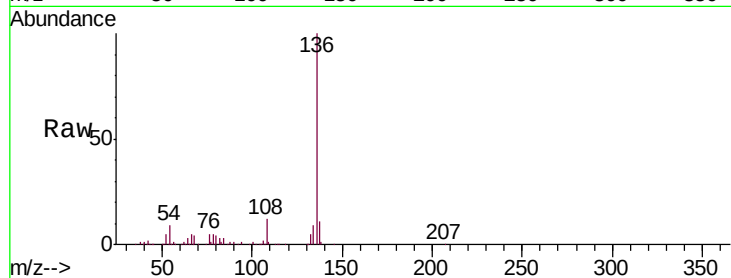




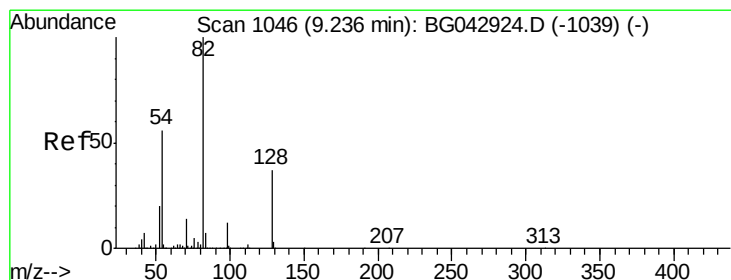
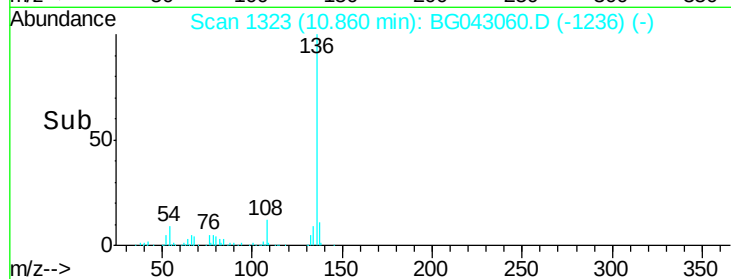
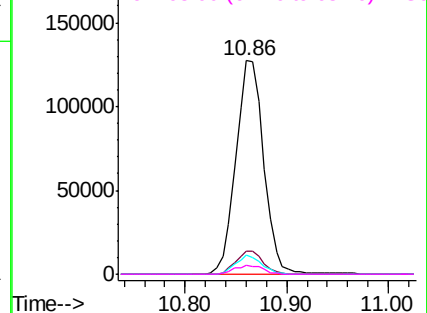
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion:	136	Resp:	242982
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.2	7.4	11.2
68	4.4	3.6	5.4

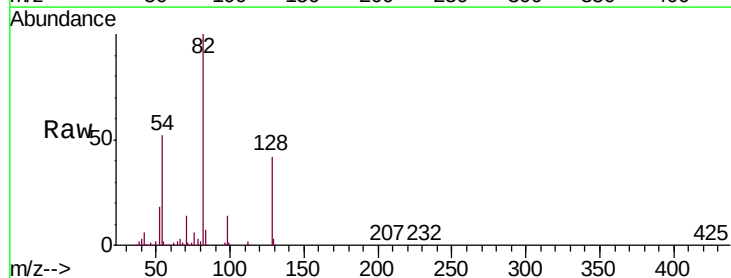


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

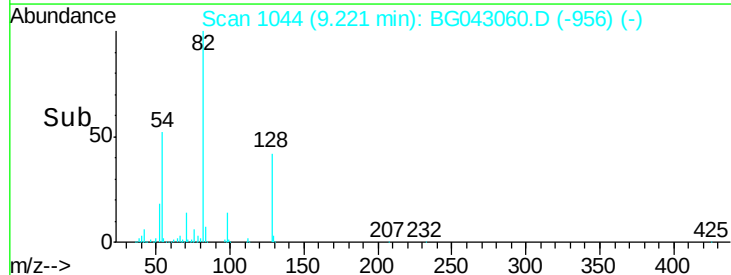
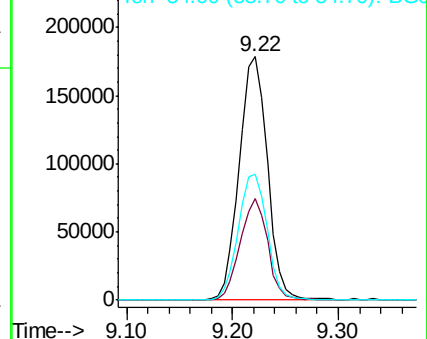


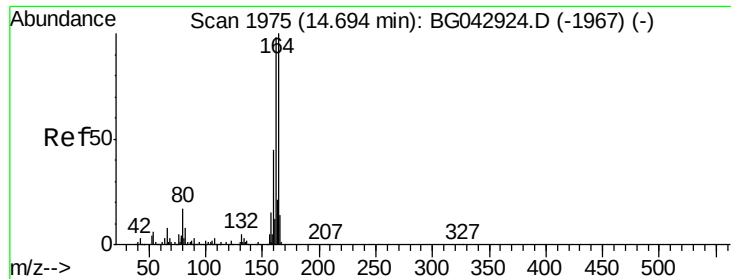
#23
Nitrobenzene-d5
Concen: 66.342 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion:	82	Resp:	331649
Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.5	44.3
54	51.7	44.6	67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
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: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043060.D

Acq: 5 Oct 2019 18:04

Instrument :

BNA_G

ClientSampleId :

HR-05-100219

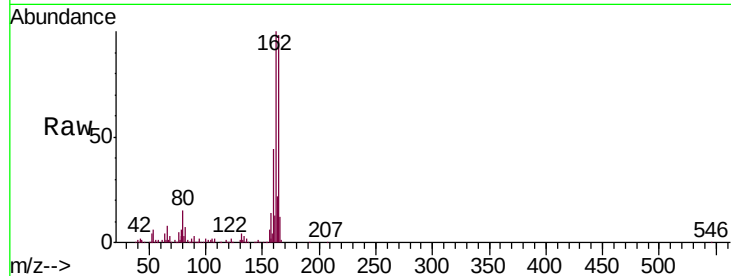
Tgt Ion:164 Resp: 170791

Ion Ratio Lower Upper

164 100

162 101.6 78.5 117.7

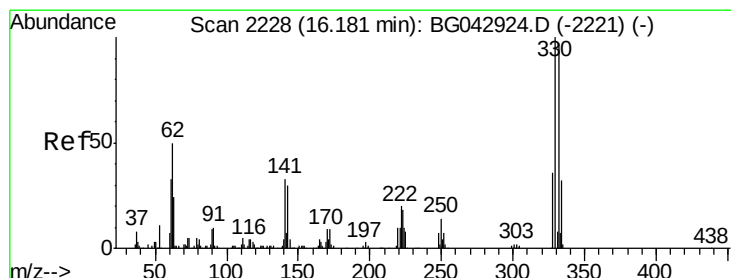
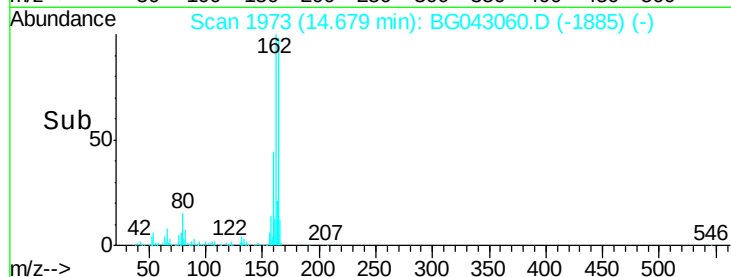
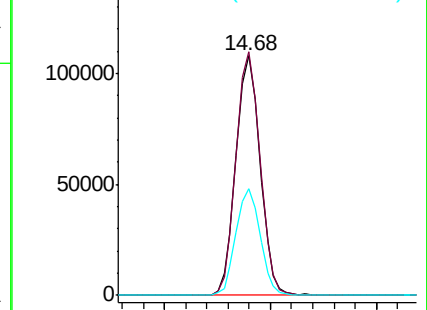
160 44.4 35.9 53.9



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: 105.835 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043060.D

Acq: 5 Oct 2019 18:04

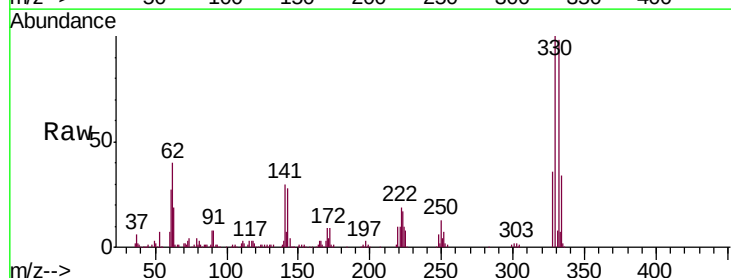
Tgt Ion:330 Resp: 310823

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.2

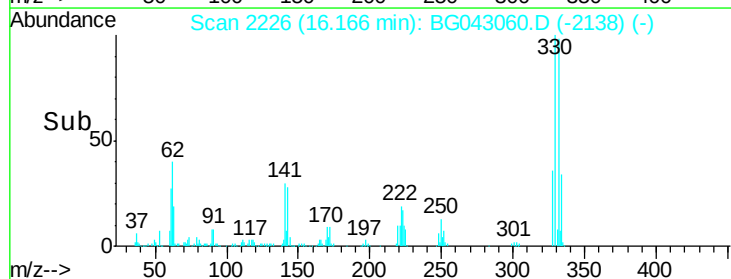
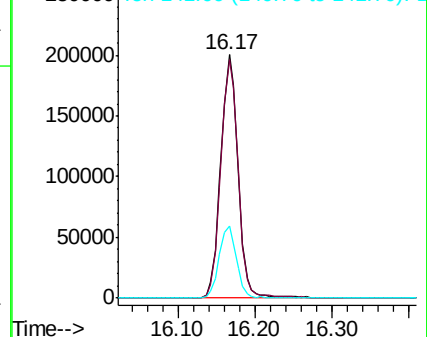
141 29.5 26.0 39.0

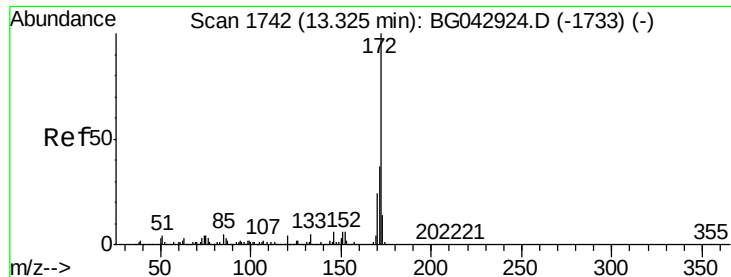


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

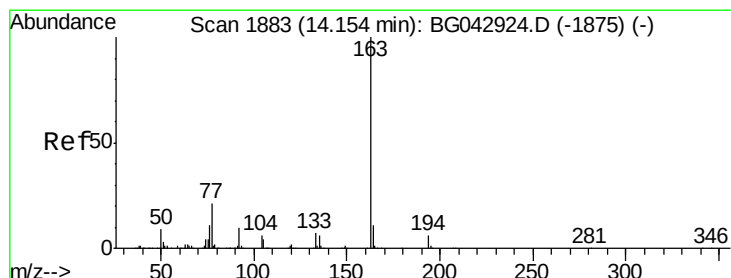
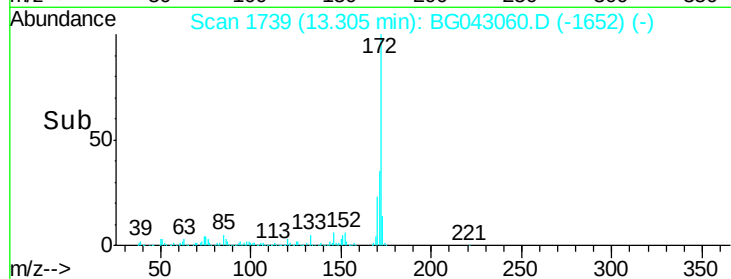
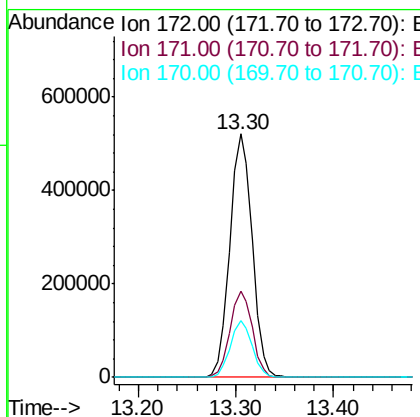
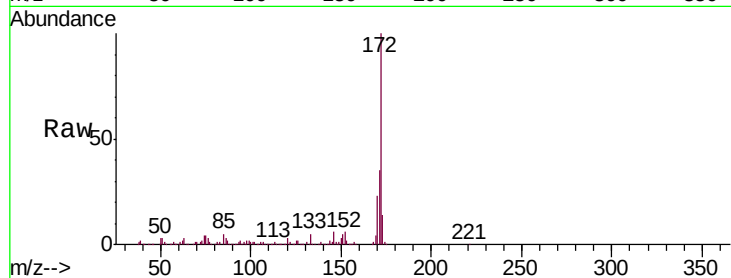




#45
2-Fluorobiphenyl
Concen: 70.217 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

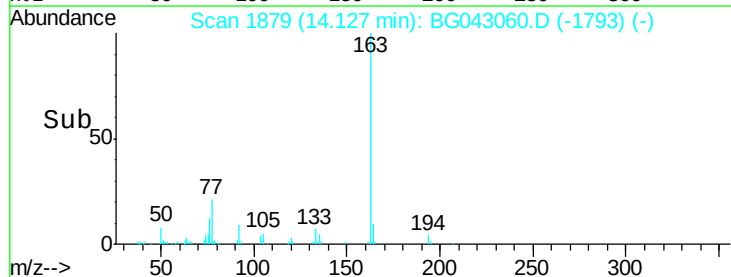
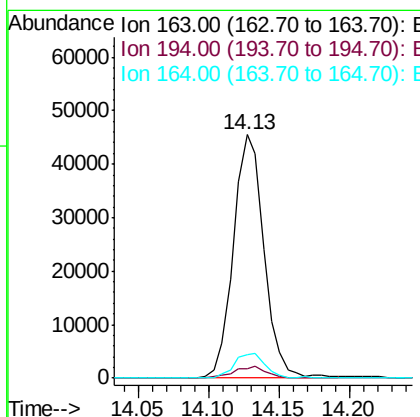
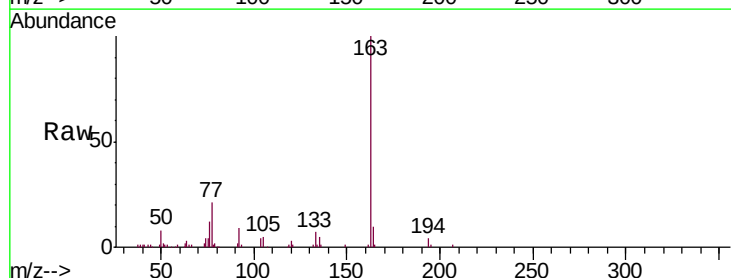
Instrument :
BNA_G
ClientSampleId :
HR-05-100219

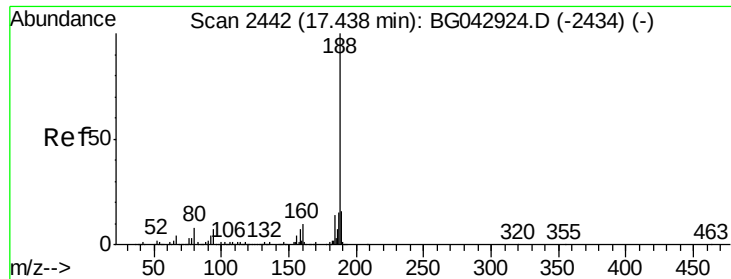
Tgt Ion:172 Resp: 827231
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.3 19.6 29.4



#50
Dimethylphthalate
Concen: 5.370 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion:163 Resp: 68720
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 9.9 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043060.D

Acq: 5 Oct 2019 18:04

Instrument :

BNA_G

ClientSampleId :

HR-05-100219

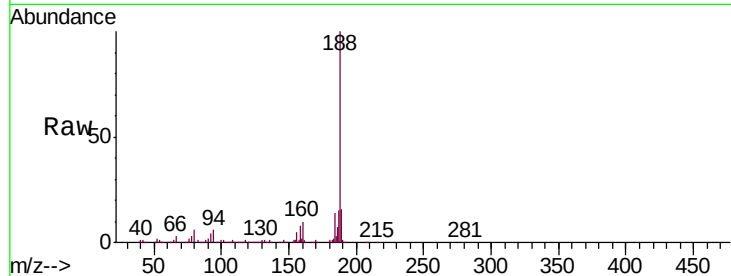
Tgt Ion:188 Resp: 391143

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

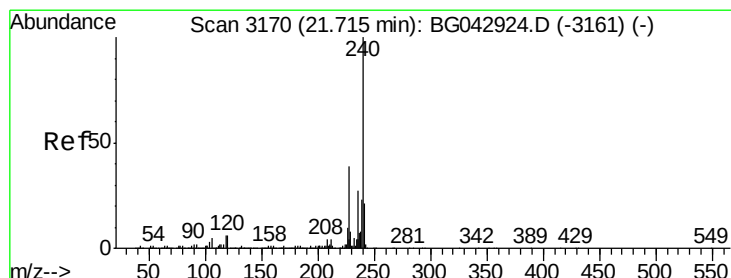
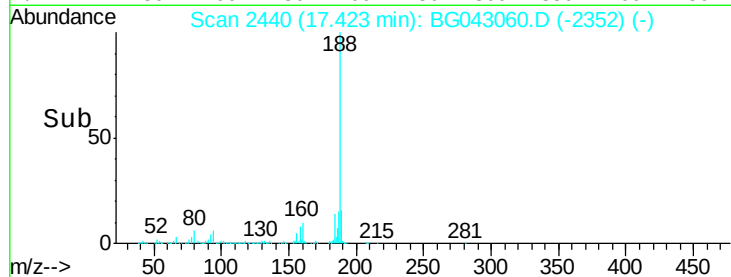
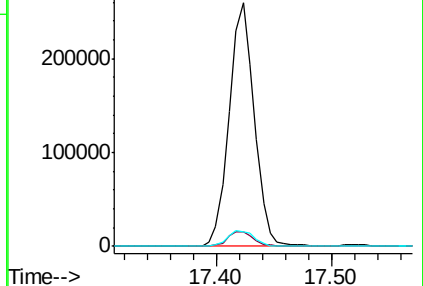
80 6.1 6.5 9.7#



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: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043060.D

Acq: 5 Oct 2019 18:04

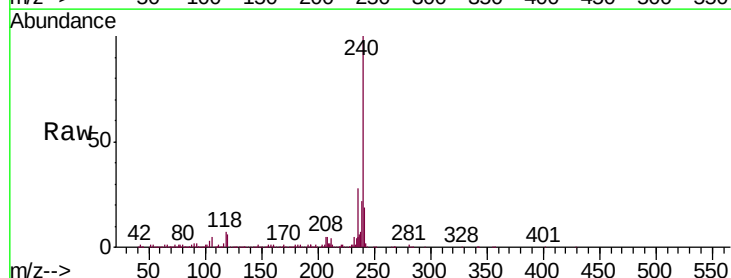
Tgt Ion:240 Resp: 427768

Ion Ratio Lower Upper

240 100

120 5.8 4.8 7.2

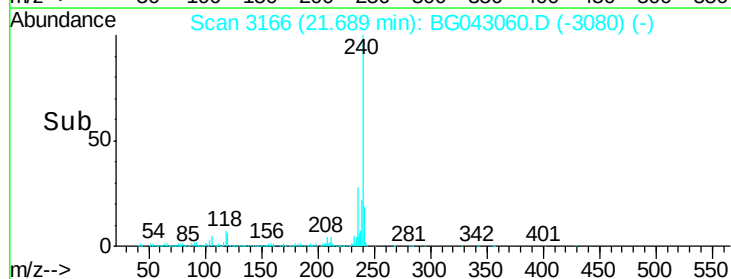
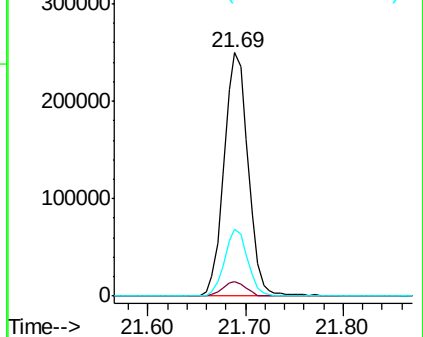
236 27.7 21.4 32.0

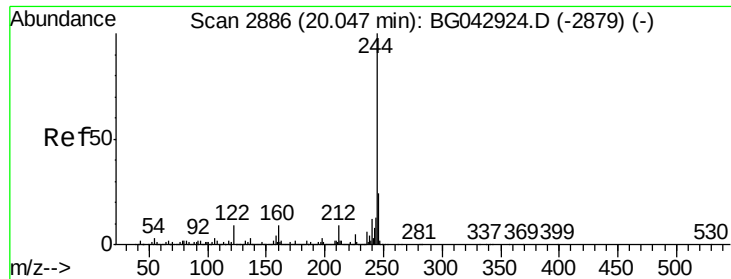


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.996 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043060.D

Acq: 5 Oct 2019 18:04

Instrument :

BNA_G

ClientSampleId :

HR-05-100219

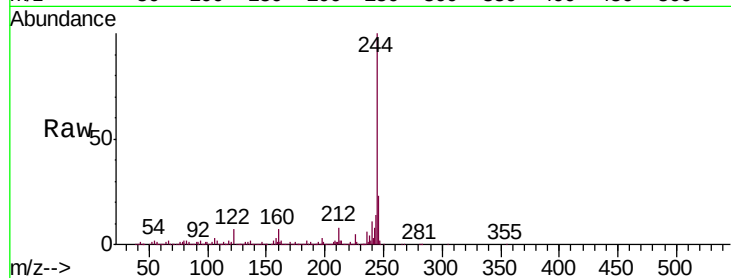
Tgt Ion:244 Resp: 1585826

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

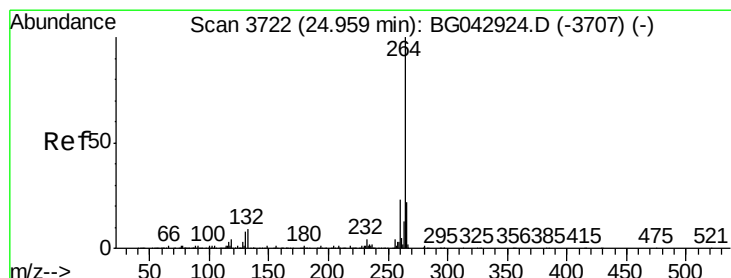
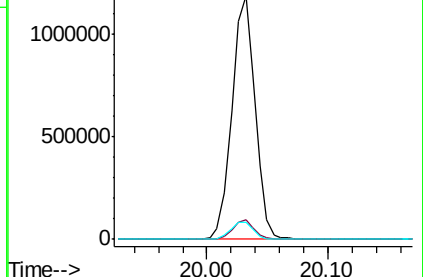
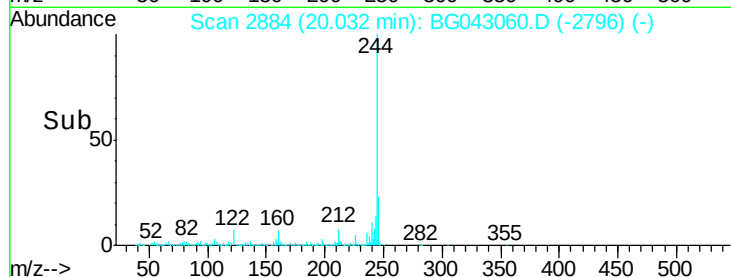
122 7.3 7.0 10.4



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: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043060.D

Acq: 5 Oct 2019 18:04

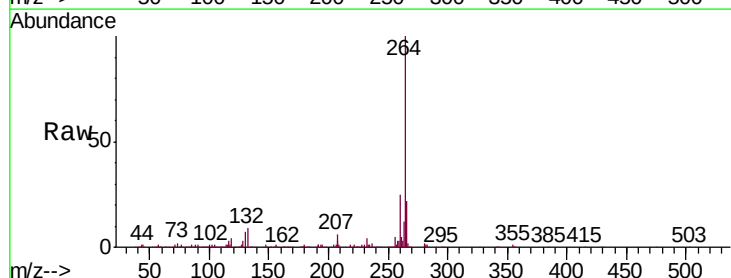
Tgt Ion:264 Resp: 496331

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 21.9 17.7 26.5



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

