

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043576.D
 Acq On : 8 Nov 2019 19:19
 Operator : JU
 Sample : K5742-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-(6-8)

Quant Time: Nov 11 03:24:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

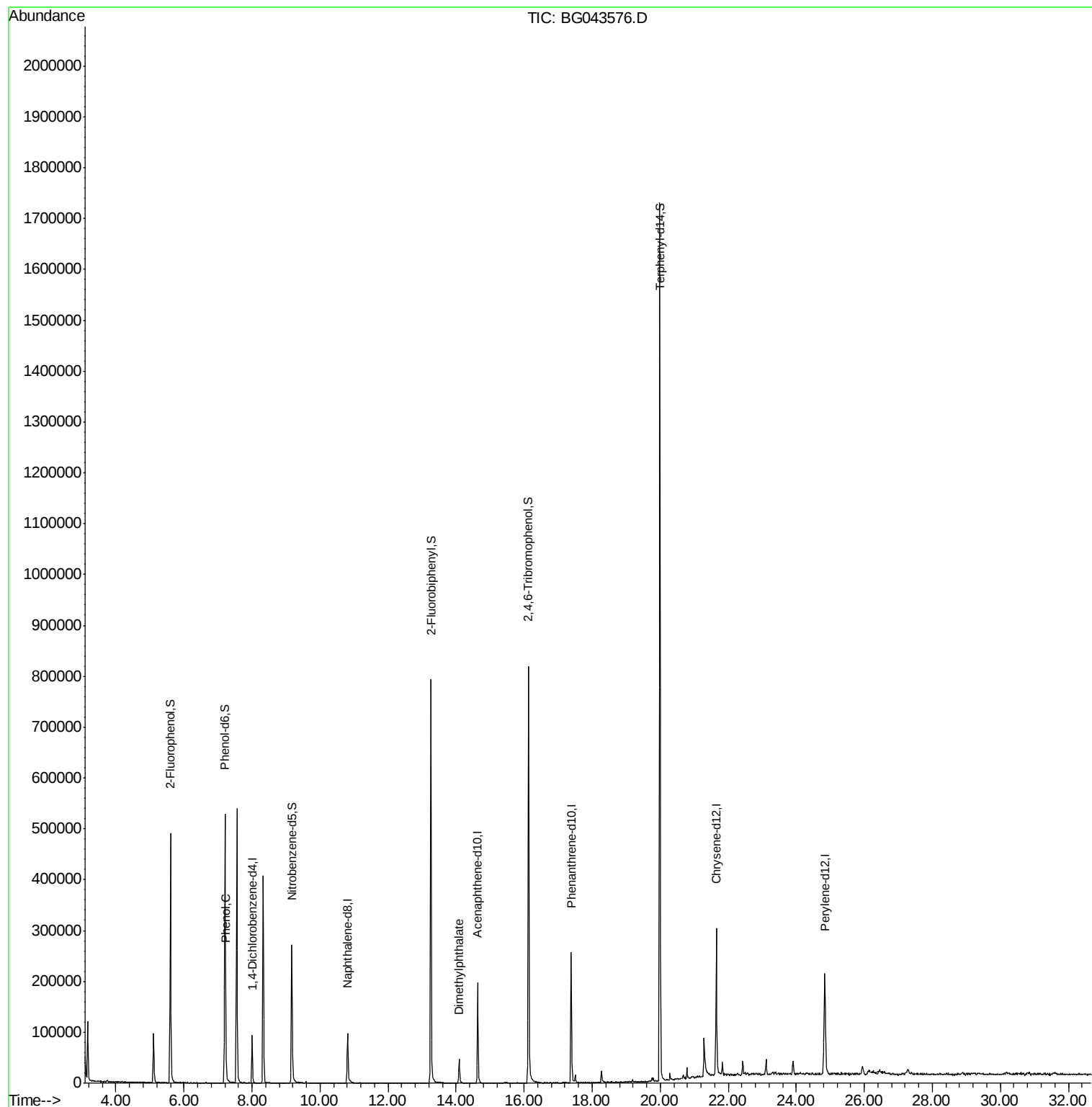
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29206	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107147	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	80830	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	197649	20.00	ng	0.00
76) Chrysene-d12	21.65	240	202645	20.00	ng	0.00
87) Perylene-d12	24.84	264	226907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	233354	146.41	ng	0.00
7) Phenol-d6	7.21	99	331200	144.43	ng	0.00
23) Nitrobenzene-d5	9.17	82	194325	93.50	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	207606	134.97	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	489700	83.72	ng	0.00
79) Terphenyl-d14	19.99	244	967654	89.58	ng	0.00
Target Compounds						
10) Phenol	7.23	94	18783	8.964	ng	81
50) Dimethylphthalate	14.09	163	42794	6.835	ng	99

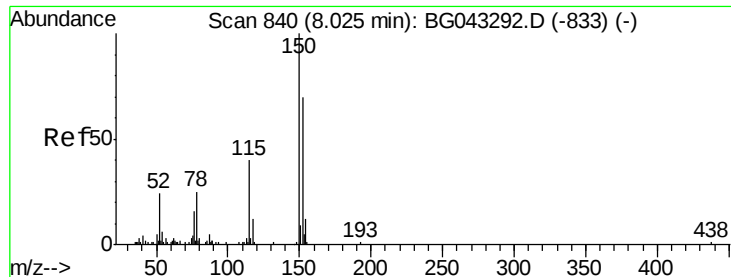
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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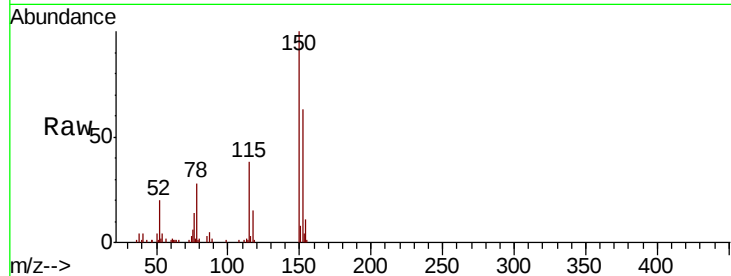


#1

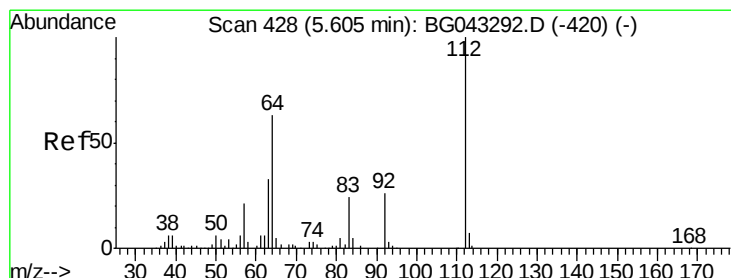
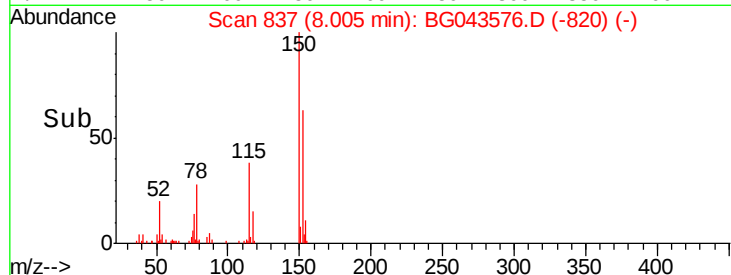
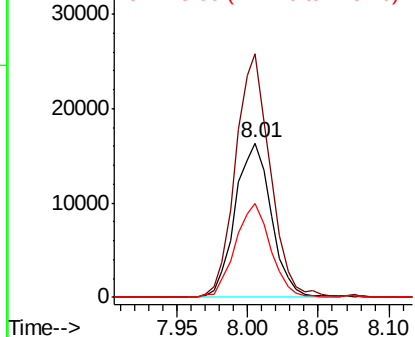
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Instrument :
BNA_G
ClientSampleId :
SB-17-(6-8)

Tot Ion	152	Resp	29206
Ion Ratio	Lower	Upper	
152	100		
150	158.1	129.4	194.0
115	60.5	48.8	73.2



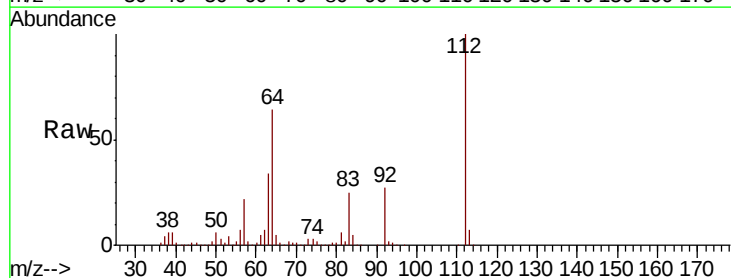
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



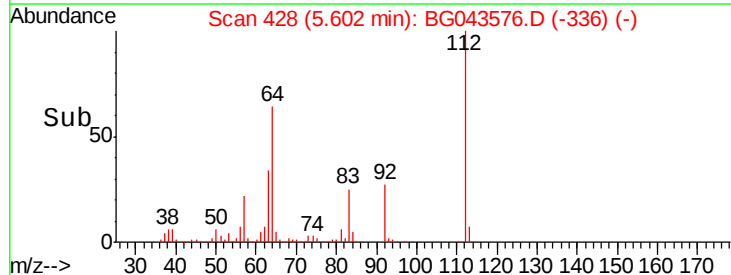
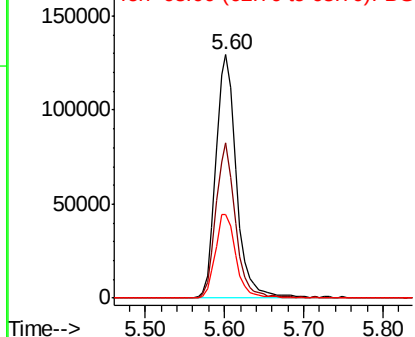
#5

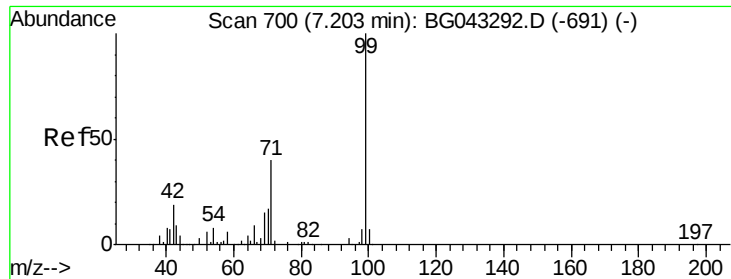
2-Fluorophenol
Concen: 146.411 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Tgt Ion	112	Resp	233354
Ion Ratio	Lower	Upper	
112	100		
64	63.8	50.0	75.0
63	34.5	26.6	40.0



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: 144.431 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

Instrument :

BNA_G

ClientSampleId :

SB-17-(6-8)

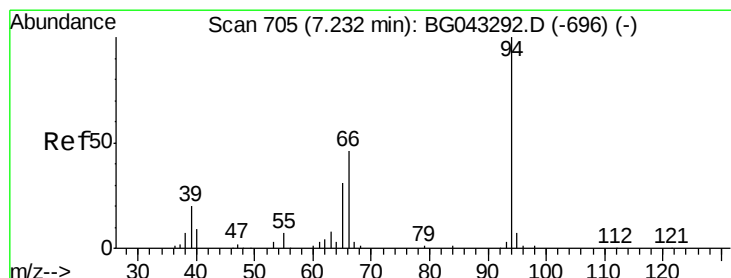
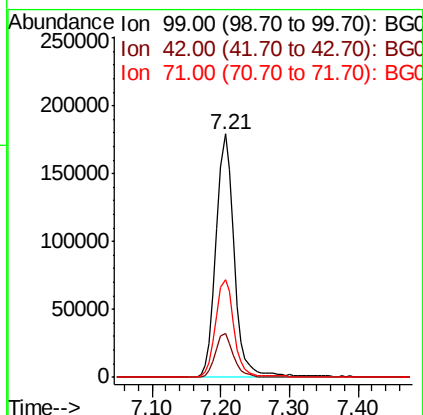
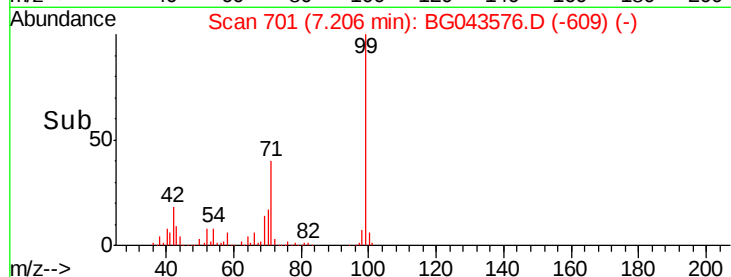
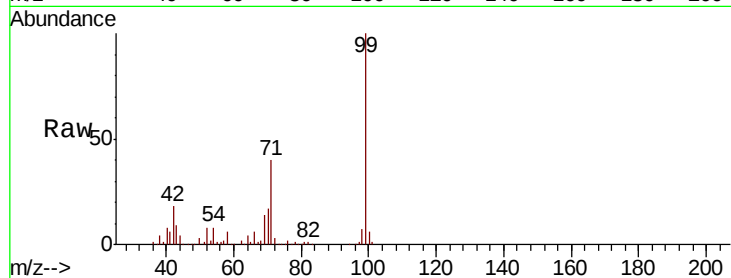
Tot Ion: 99 Resp: 331200

Ion Ratio Lower Upper

99 100

42 18.1 14.6 21.8

71 39.9 32.5 48.7



#10

Phenol

Concen: 8.964 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

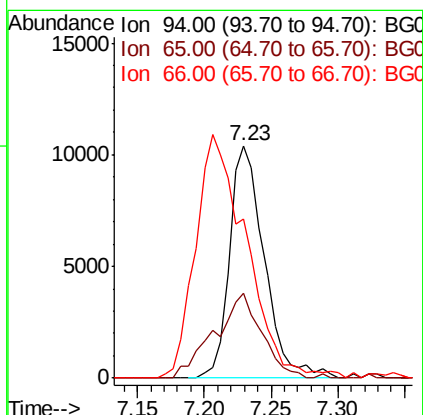
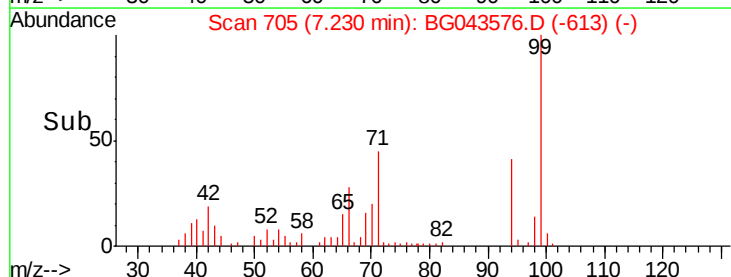
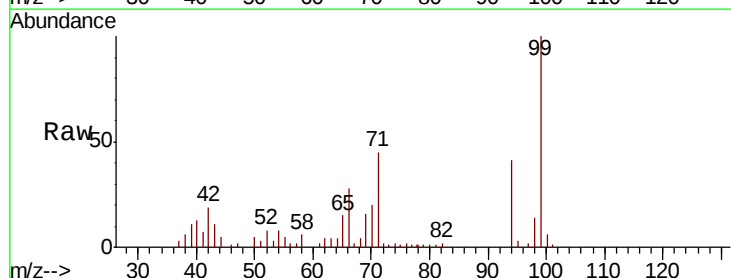
Tgt Ion: 94 Resp: 18783

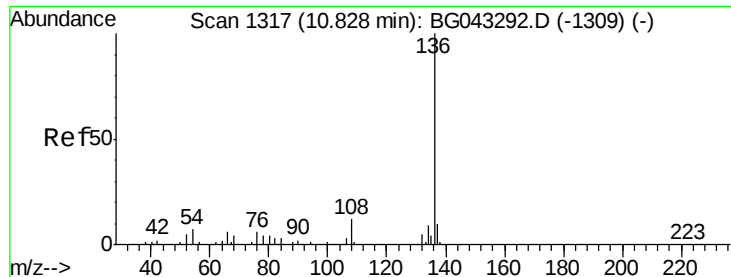
Ion Ratio Lower Upper

94 100

65 36.6 12.6 52.6

66 68.6 30.7 70.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

Instrument :

BNA_G

ClientSampleId :

SB-17-(6-8)

Tot Ion:136 Resp: 107147

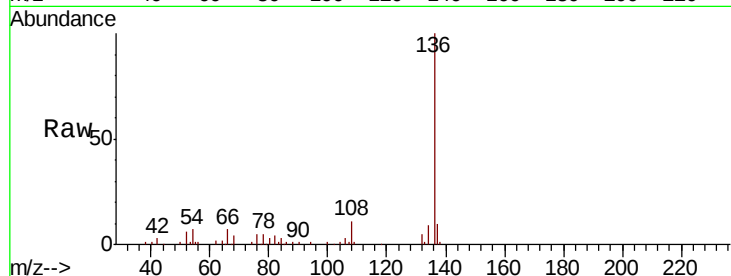
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 6.7 5.4 8.2

68 4.2 3.0 4.4

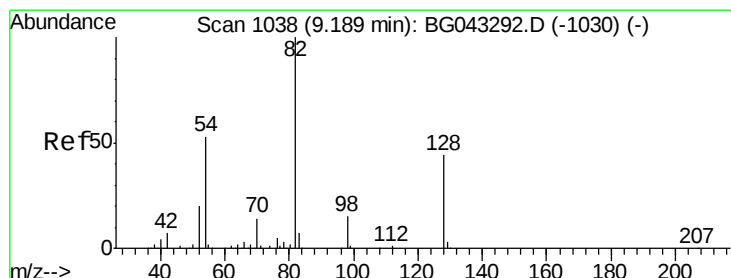
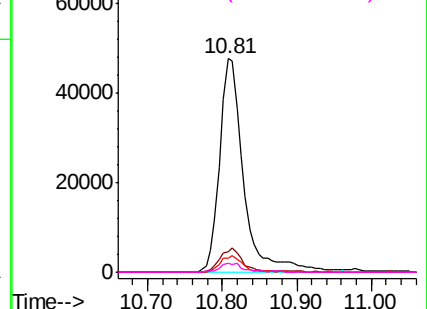
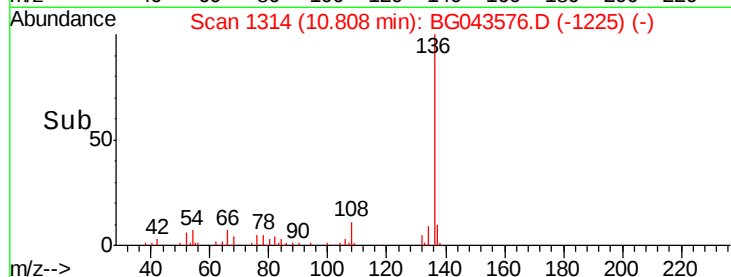


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.501 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

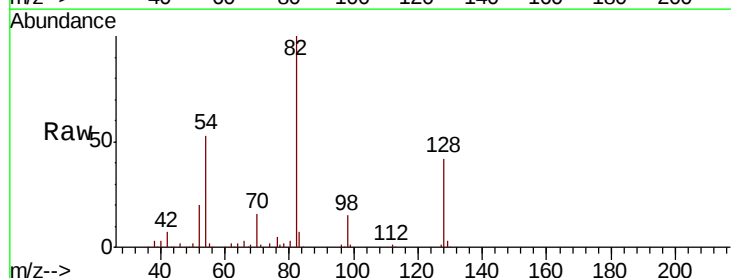
Tgt Ion: 82 Resp: 194325

Ion Ratio Lower Upper

82 100

128 42.3 35.0 52.6

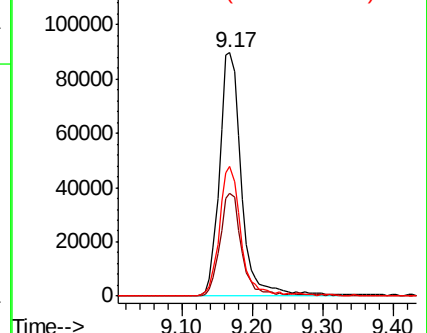
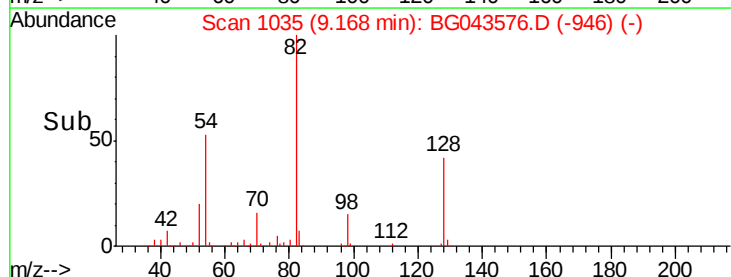
54 53.4 40.2 60.2

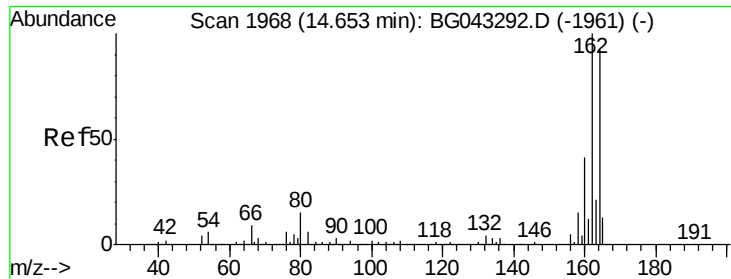


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

Instrument :

BNA_G

ClientSampleId :

SB-17-(6-8)

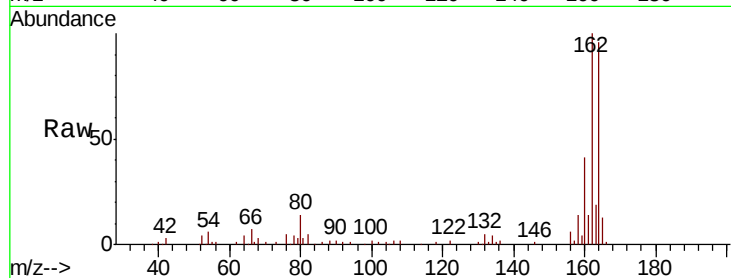
Tot Ion:164 Resp: 80830

Ion Ratio Lower Upper

164 100

162 104.2 83.5 125.3

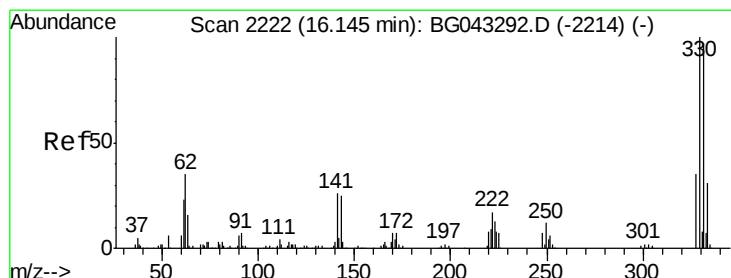
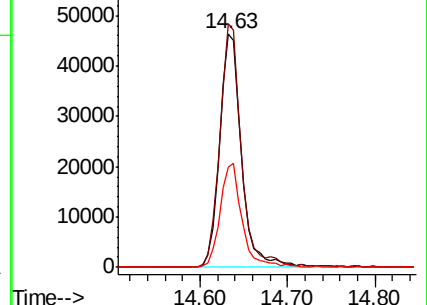
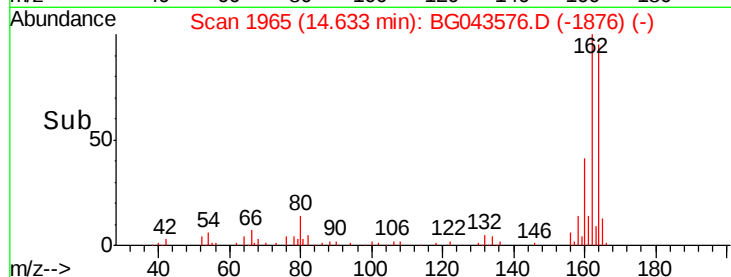
160 42.8 36.5 54.7



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: 134.967 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

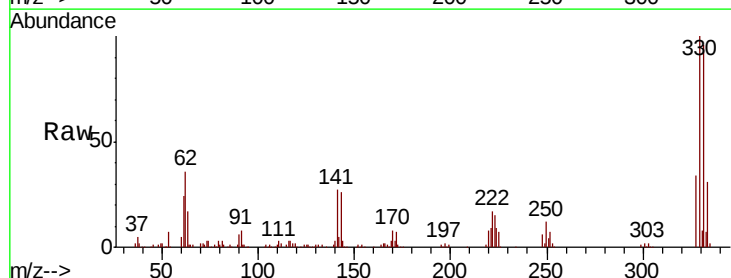
Tgt Ion:330 Resp: 207606

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.0

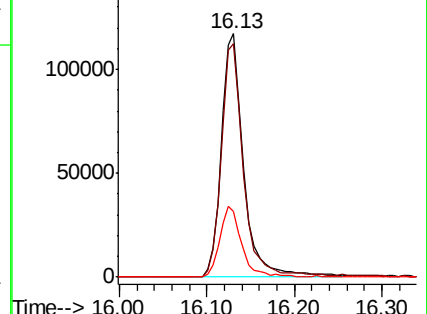
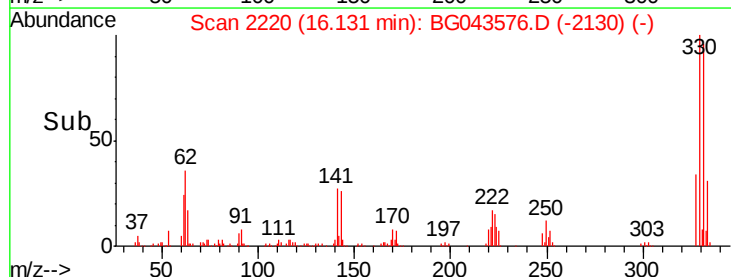
141 28.6 22.8 34.2

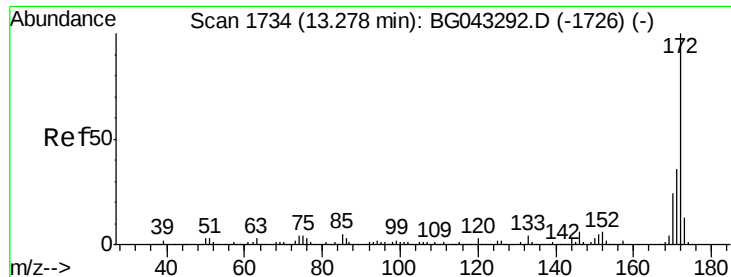


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

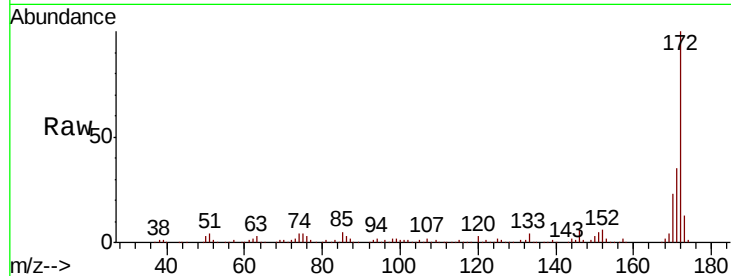




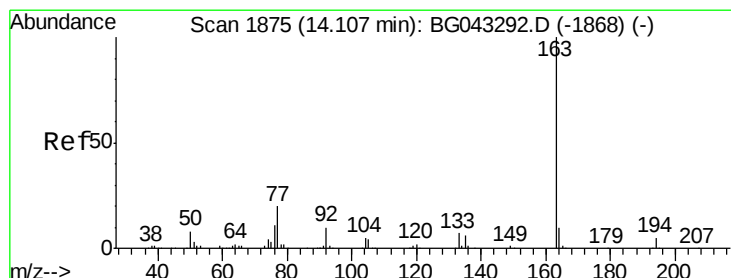
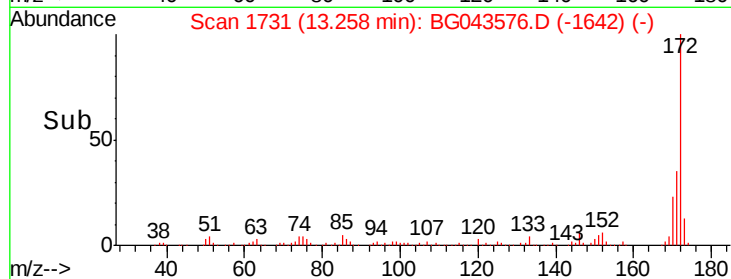
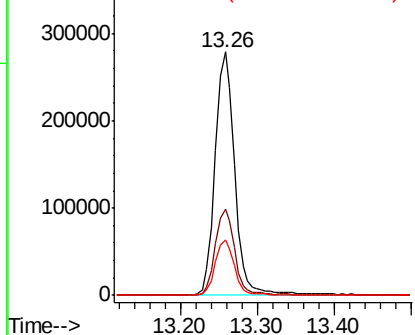
#45
2-Fluorobiphenyl
Concen: 83.715 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Instrument :
BNA_G
ClientSampleId :
SB-17-(6-8)

Tot Ion:172 Resp: 489700
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 22.7 18.5 27.7

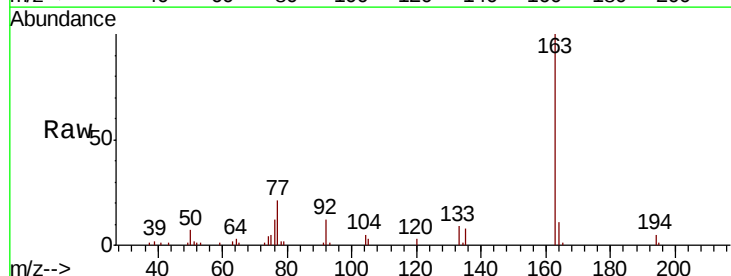


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

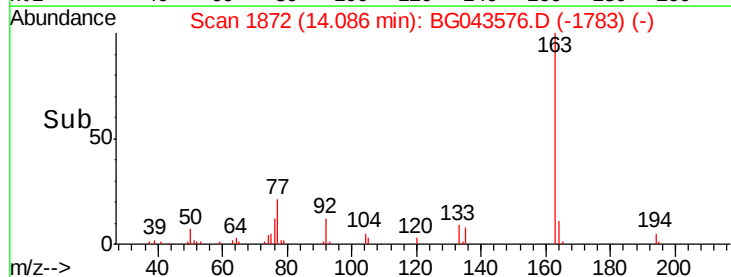
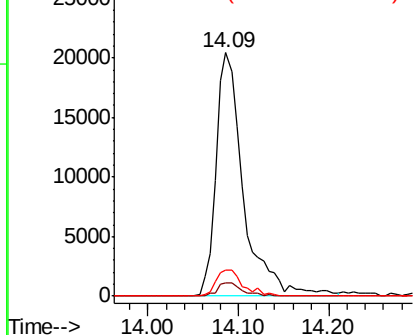


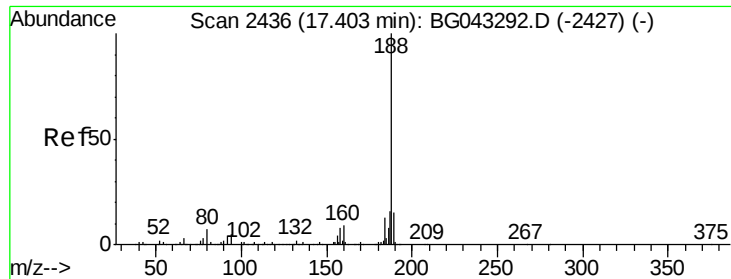
#50
Dimethylphthalate
Concen: 6.835 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Tgt Ion:163 Resp: 42794
Ion Ratio Lower Upper
163 100
194 5.4 3.8 5.6
164 10.7 8.9 13.3



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

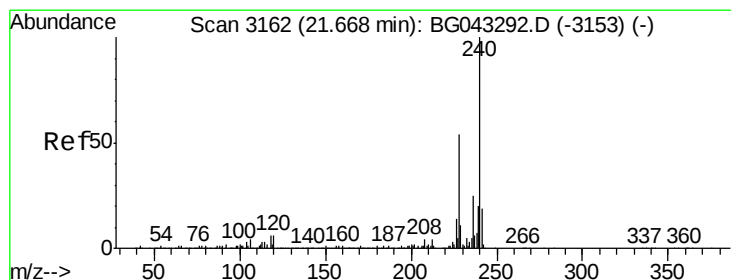
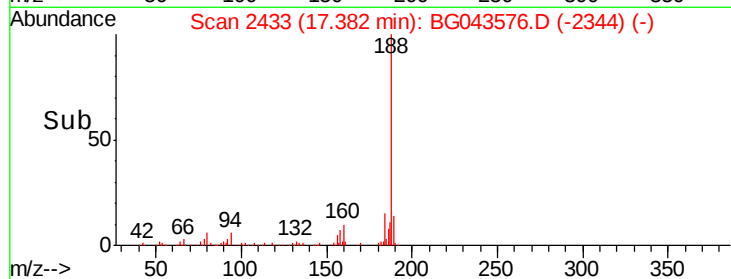
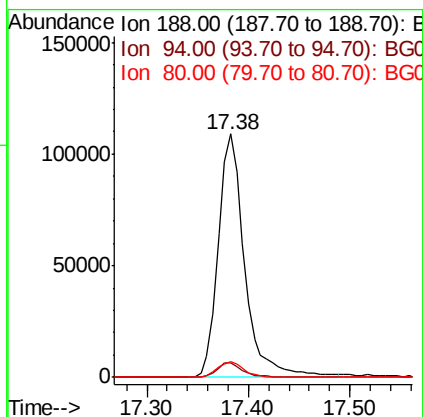
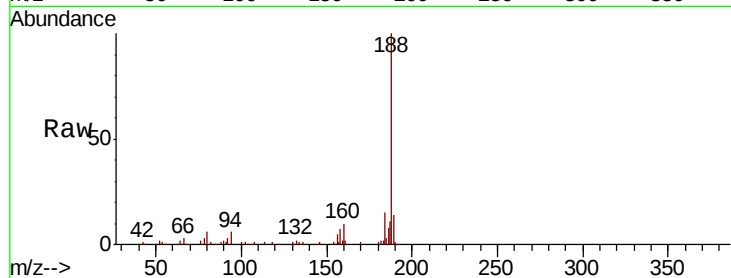




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

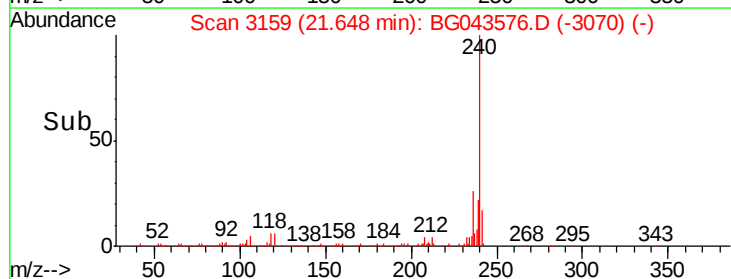
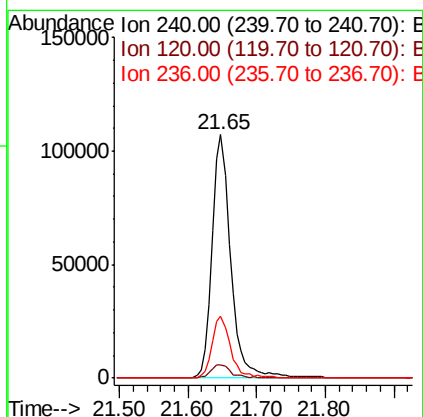
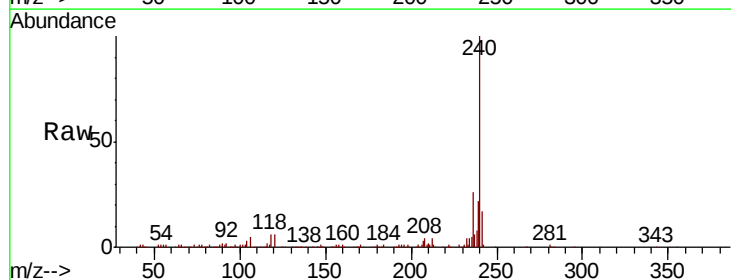
Instrument :
BNA_G
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SB-17-(6-8)

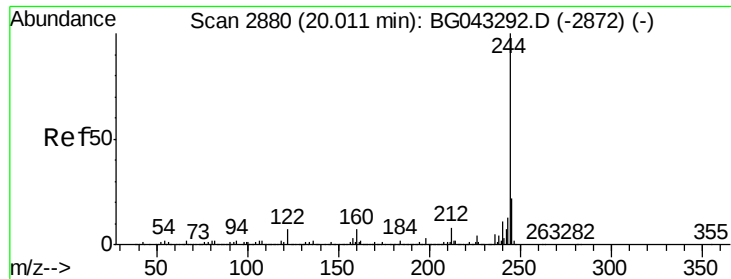
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.4
80	6.3	4.5	6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	6.8
236	25.6	19.8	29.8





#79

Terphenyl-d14

Concen: 89.584 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

Instrument :

BNA_G

ClientSampleId :

SB-17-(6-8)

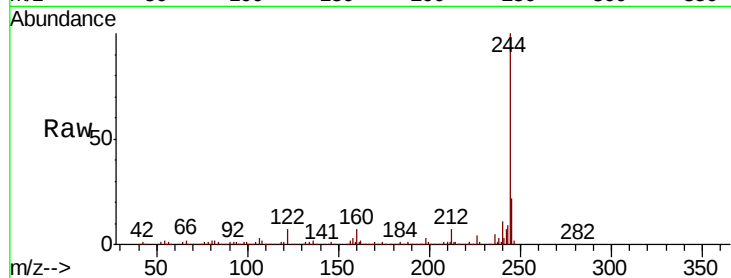
Tot Ion:244 Resp: 967654

Ion Ratio Lower Upper

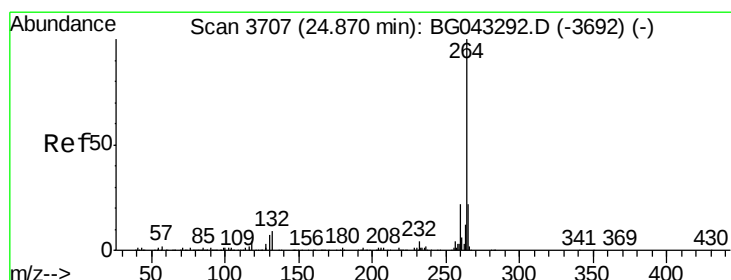
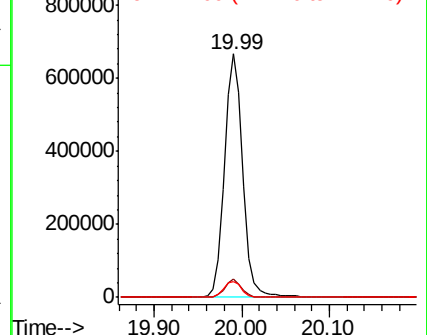
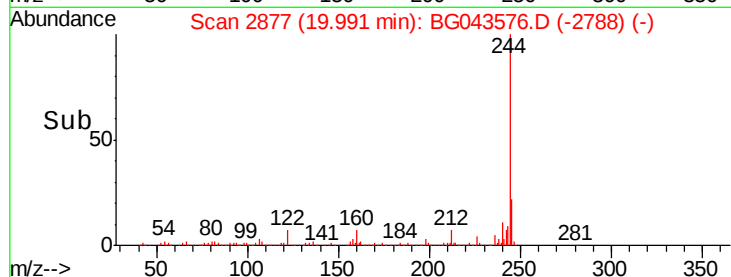
244 100

212 7.3 5.8 8.6

122 6.6 5.4 8.2



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: 24.84 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

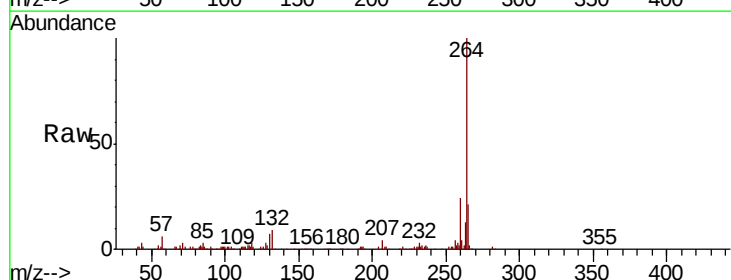
Tgt Ion:264 Resp: 226907

Ion Ratio Lower Upper

264 100

260 23.7 17.5 26.3

265 21.5 17.4 26.0



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

