

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043564.D
 Acq On : 8 Nov 2019 7:45
 Operator : JU
 Sample : K5675-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-110619

Quant Time: Nov 08 12:26:50 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

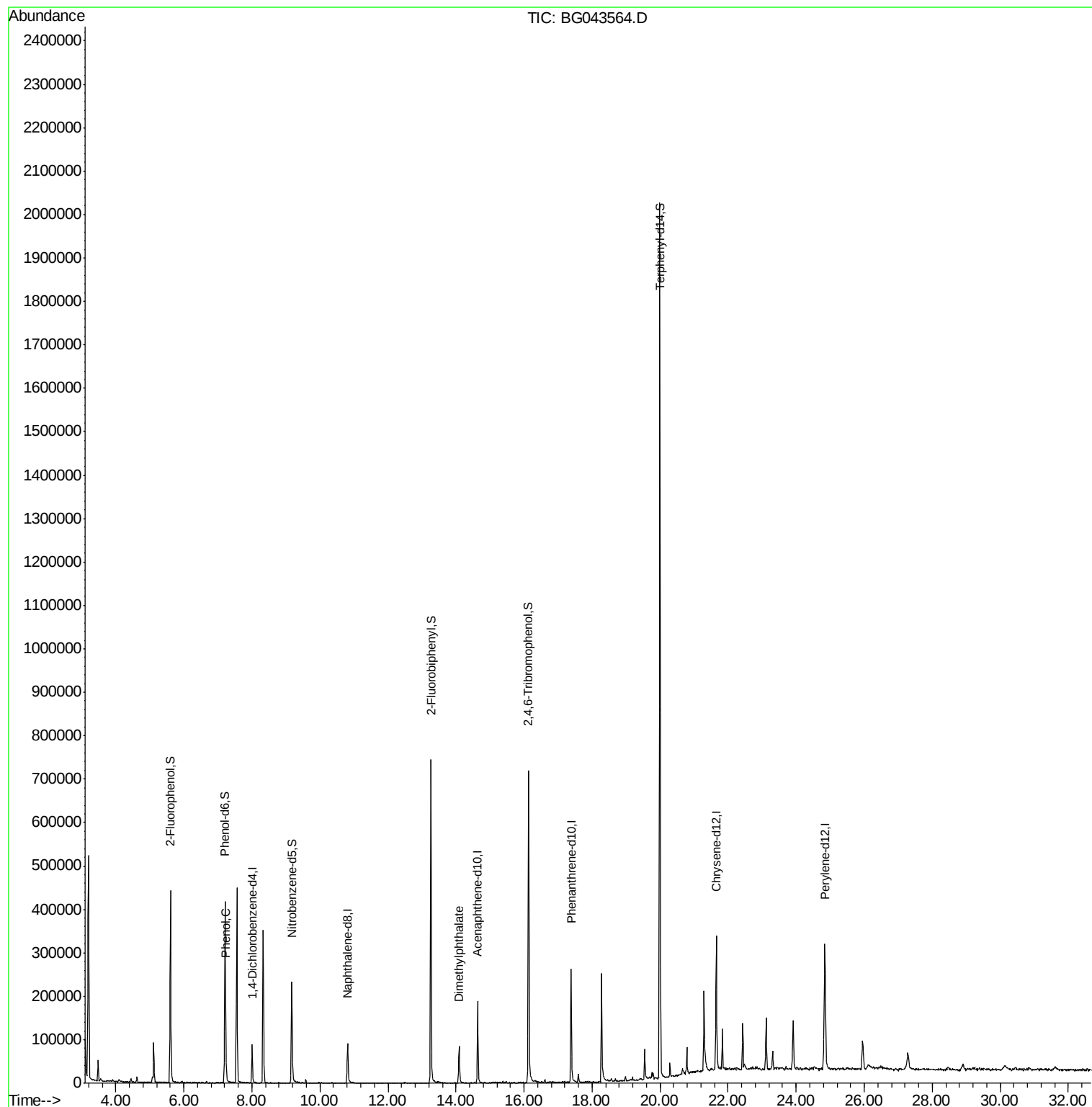
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27029	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	98520	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	72471	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	193949	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212290	20.00	ng	0.00
87) Perylene-d12	24.84	264	246834	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	203256	137.80	ng	0.01
7) Phenol-d6	7.21	99	268561	126.55	ng	0.01
23) Nitrobenzene-d5	9.17	82	162783	85.18	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	183817	133.29	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	434832	82.91	ng	0.00
79) Terphenyl-d14	19.99	244	1073816	94.90	ng	0.00
Target Compounds						
10) Phenol	7.23	94	15722	8.107	ng	92
50) Dimethylphthalate	14.09	163	71370	12.714	ng	# 98

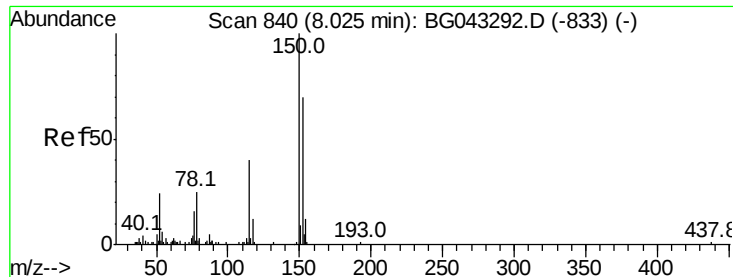
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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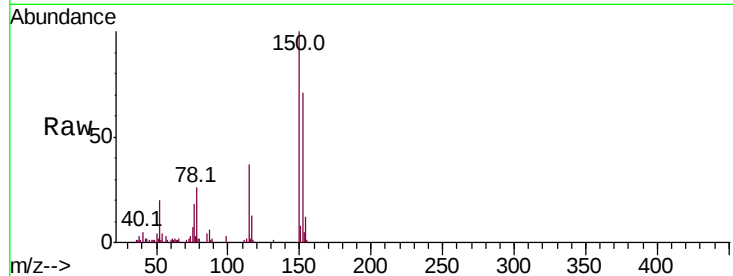


#1

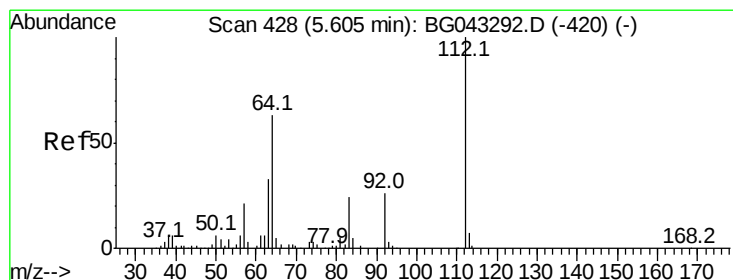
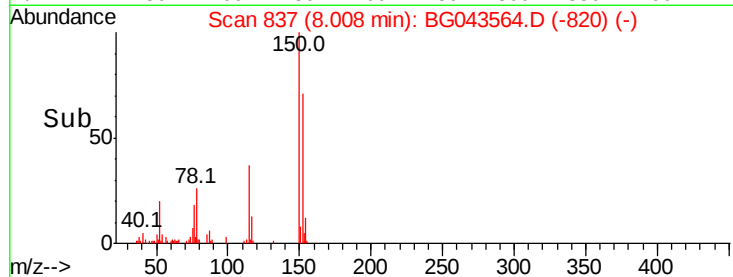
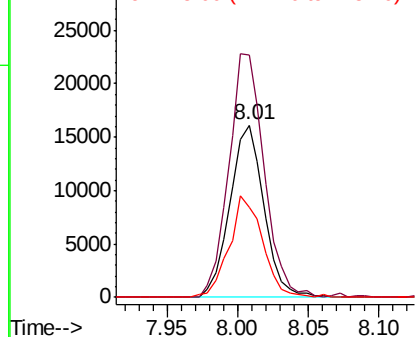
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043564.D
Acq: 8 Nov 2019 7:45

Instrument :
BNA_G
ClientSampleId :
TR-04-110619

Tot Ion:152 Resp: 27029
Ion Ratio Lower Upper
152 100
150 140.9 129.4 194.0
115 52.4 48.8 73.2



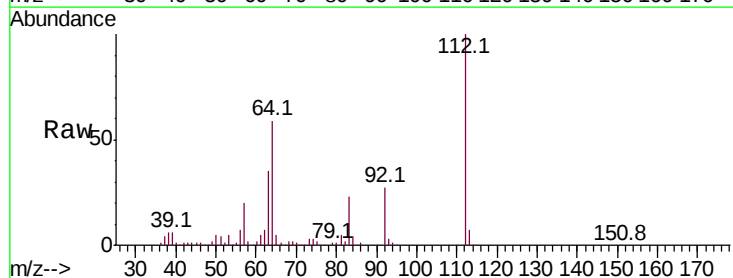
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



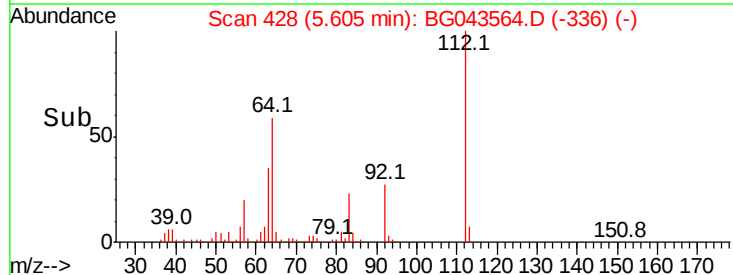
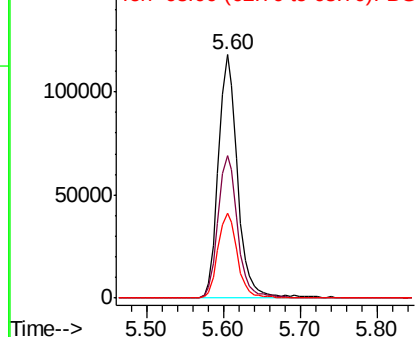
#5

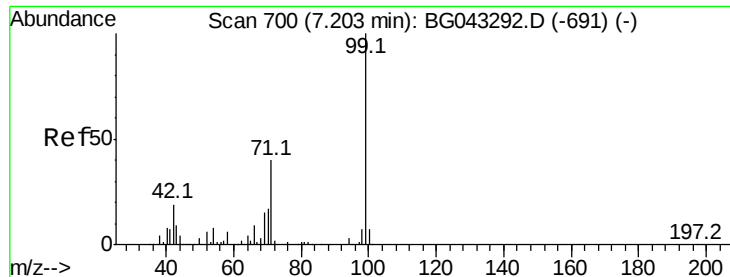
2-Fluorophenol
Concen: 137.799 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043564.D
Acq: 8 Nov 2019 7:45

Tgt Ion:112 Resp: 203256
Ion Ratio Lower Upper
112 100
64 58.5 50.0 75.0
63 34.9 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: 126.548 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043564.D

Acq: 8 Nov 2019 7:45

Instrument :

BNA_G

ClientSampleId :

TR-04-110619

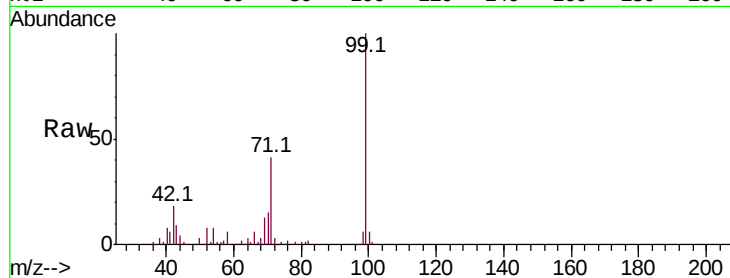
Tot Ion: 99 Resp: 268561

Ion Ratio Lower Upper

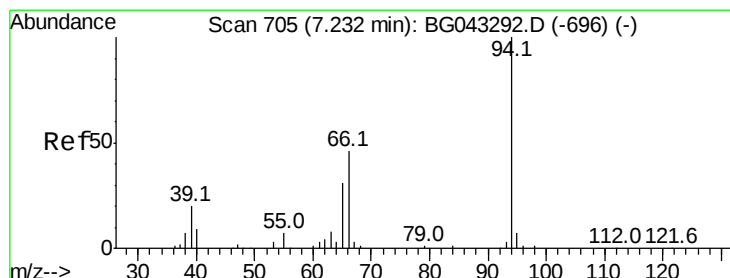
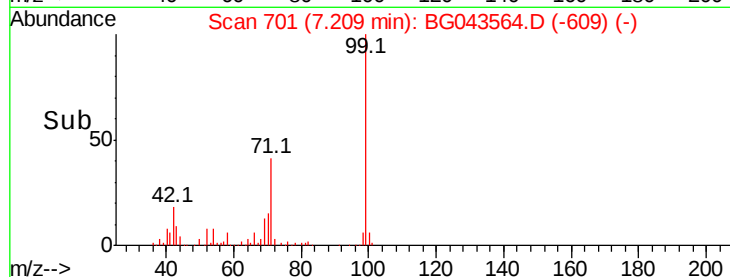
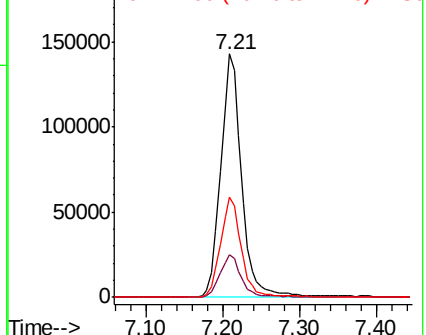
99 100

42 17.6 14.6 21.8

71 41.0 32.5 48.7



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: 8.107 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043564.D

Acq: 8 Nov 2019 7:45

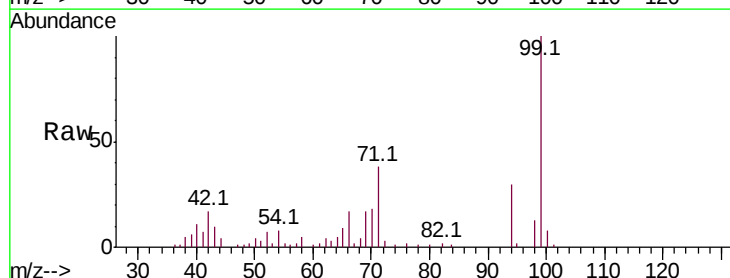
Tgt Ion: 94 Resp: 15722

Ion Ratio Lower Upper

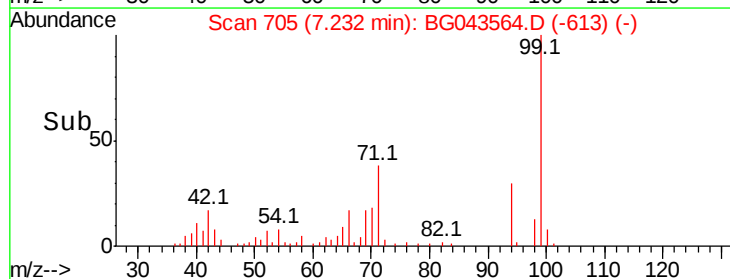
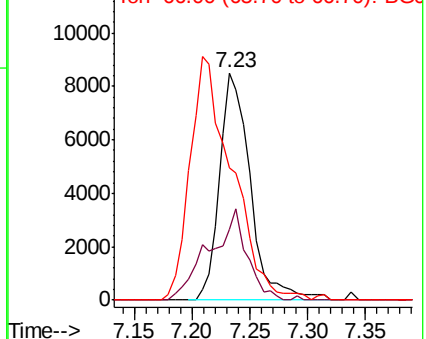
94 100

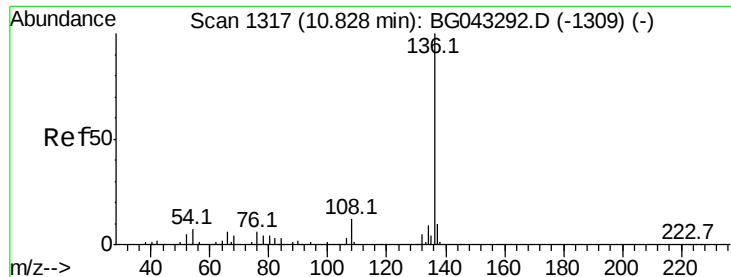
65 31.2 12.6 52.6

66 58.3 30.7 70.7



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043564.D

Acq: 8 Nov 2019 7:45

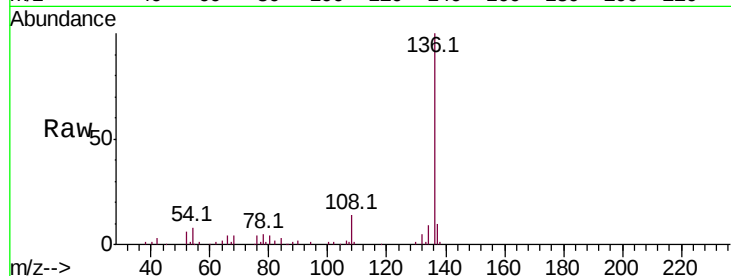
Instrument :

BNA_G

ClientSampleId :

TR-04-110619

Tot Ion:	136	Resp:	98520
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.7	13.1
54	8.3	5.4	8.2#
68	4.1	3.0	4.4

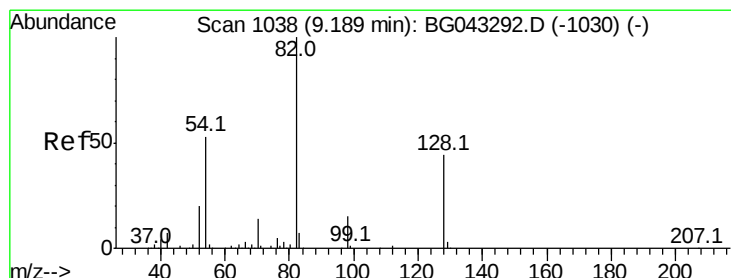
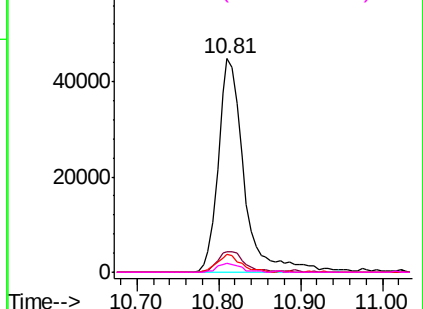
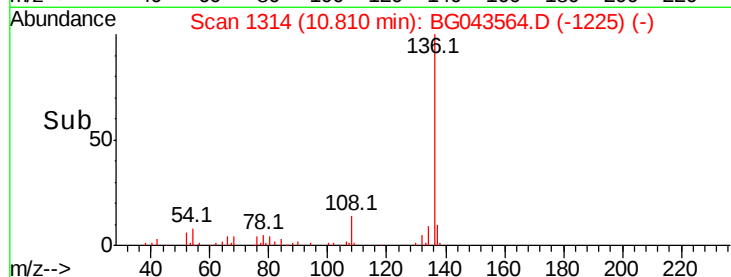


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.183 ng

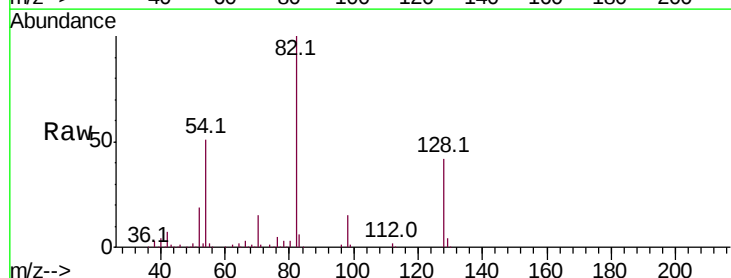
RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG043564.D

Acq: 8 Nov 2019 7:45

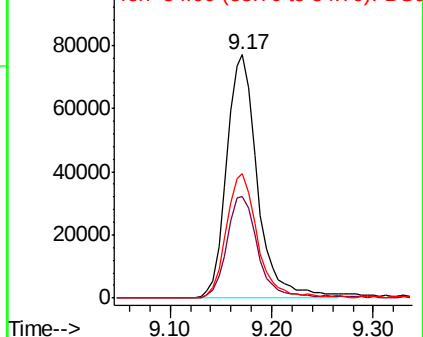
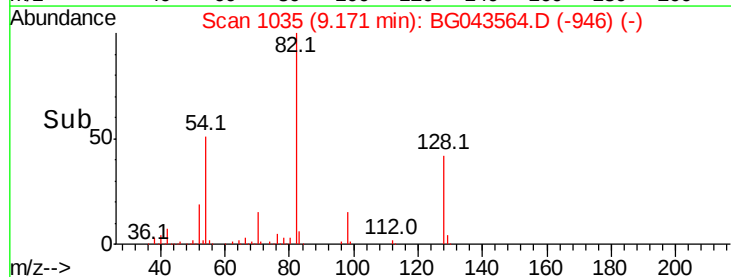
Tgt Ion:	82	Resp:	162783
Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.0	52.6
54	51.1	40.2	60.2

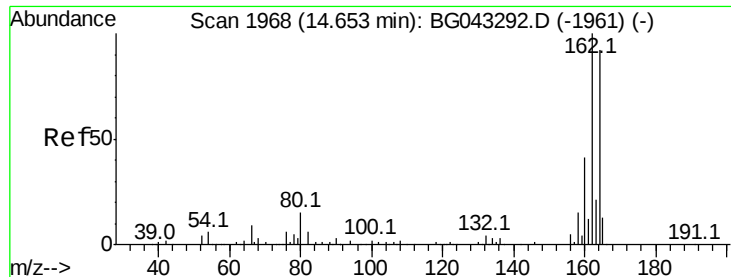


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

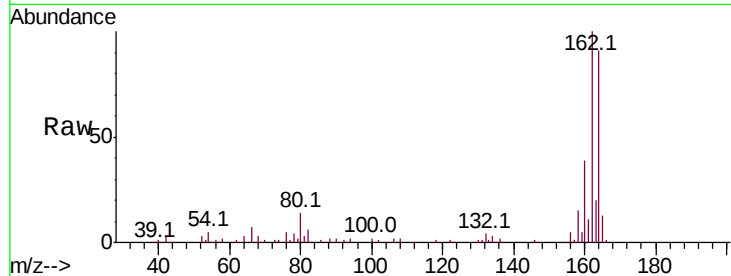




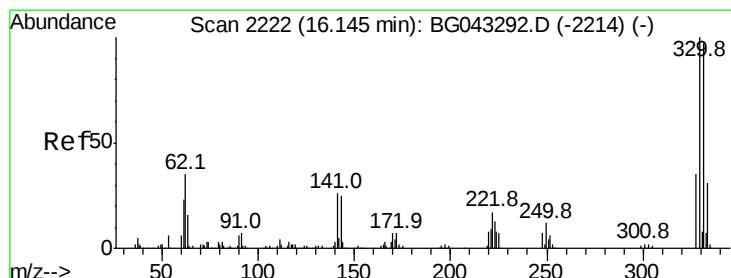
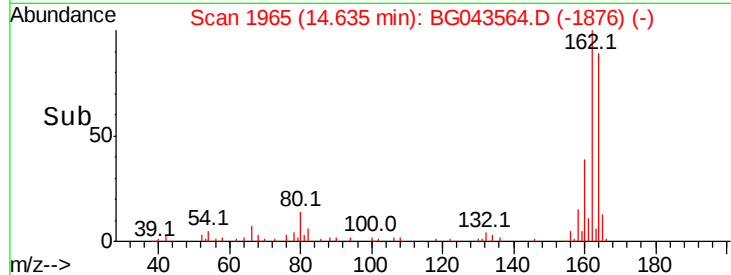
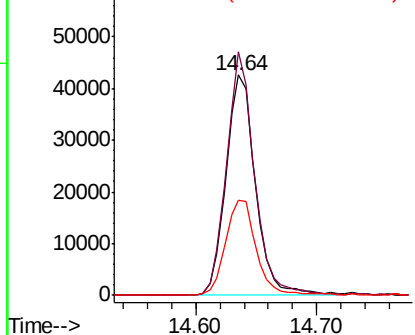
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043564.D
Acq: 8 Nov 2019 7:45

Instrument :
BNA_G
ClientSampleId :
TR-04-110619

Tot Ion:164 Resp: 72471
Ion Ratio Lower Upper
164 100
162 110.5 83.5 125.3
160 43.1 36.5 54.7

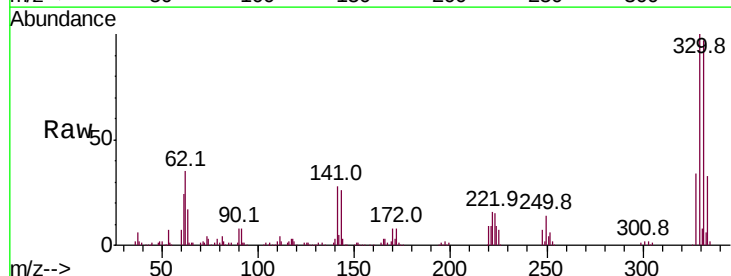


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

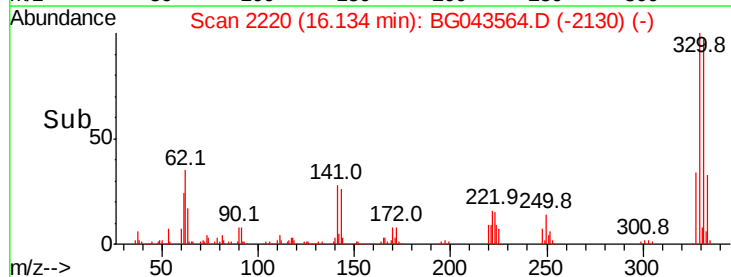
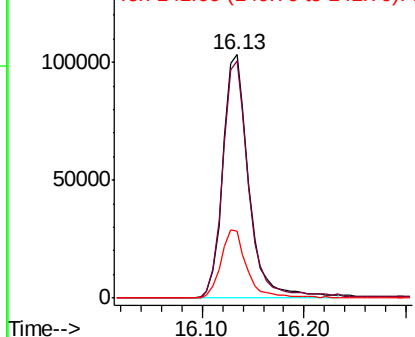


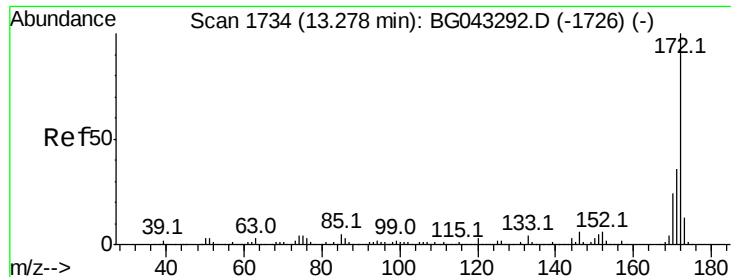
#42
2,4,6-Tribromophenol
Concen: 133.285 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG043564.D
Acq: 8 Nov 2019 7:45

Tgt Ion:330 Resp: 183817
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 28.0 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

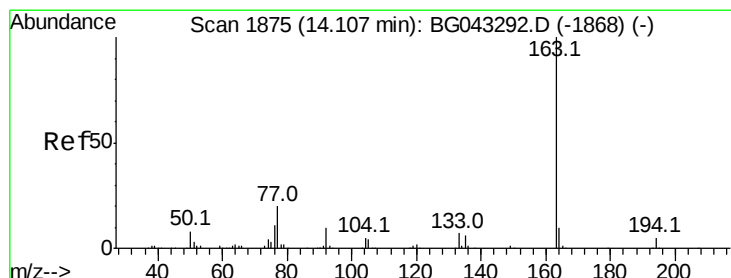
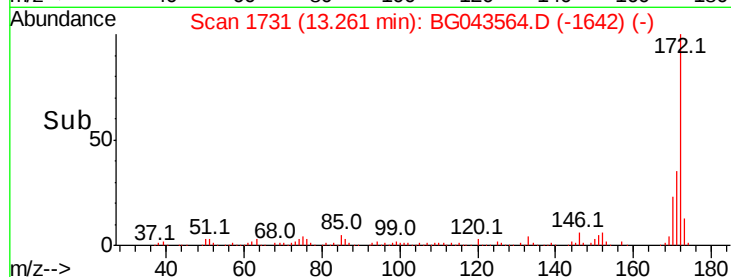
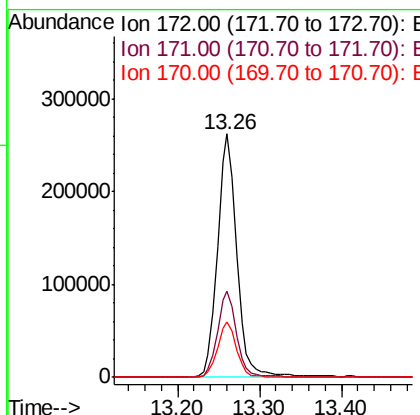
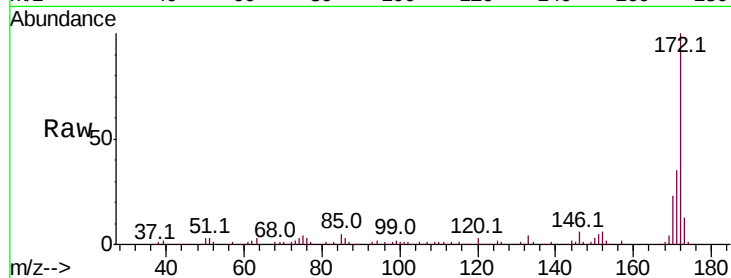




#45
2-Fluorobiphenyl
Concen: 82.909 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043564.D
Acq: 8 Nov 2019 7:45

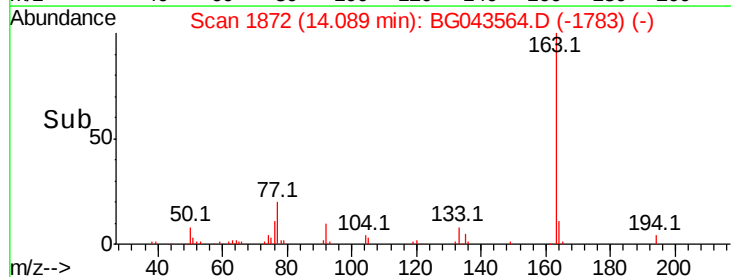
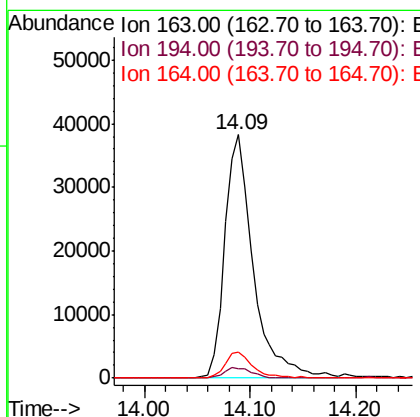
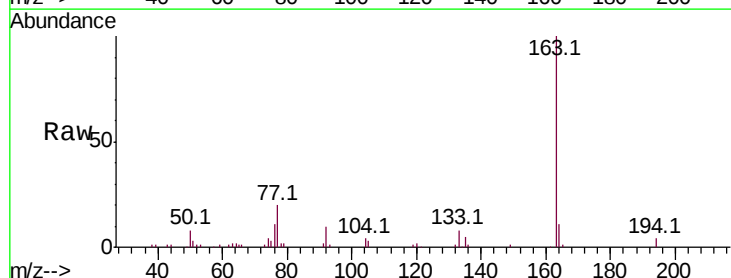
Instrument :
BNA_G
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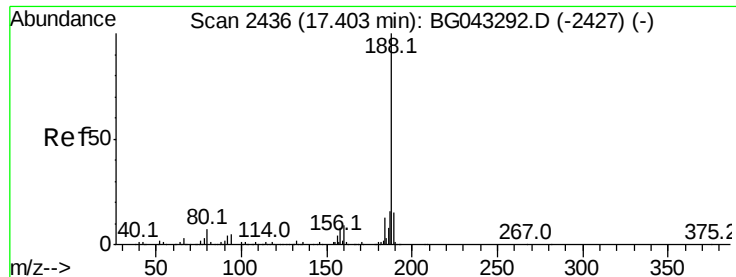
Tot Ion:172 Resp: 434832
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 22.9 18.5 27.7



#50
Dimethylphthalate
Concen: 12.714 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043564.D
Acq: 8 Nov 2019 7:45

Tgt Ion:163 Resp: 71370
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.6#
164 10.7 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043564.D

Acq: 8 Nov 2019 7:45

Instrument :

BNA_G

ClientSampleId :

TR-04-110619

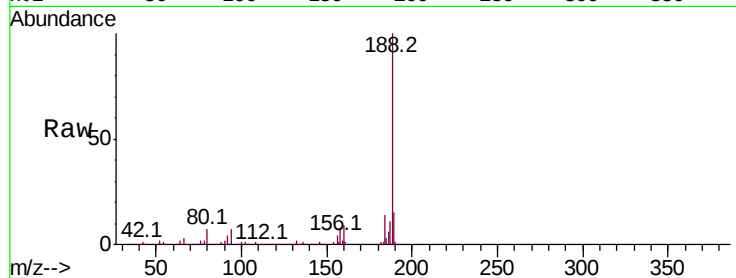
Tot Ion:188 Resp: 193949

Ion Ratio Lower Upper

188 100

94 6.7 4.2 6.4#

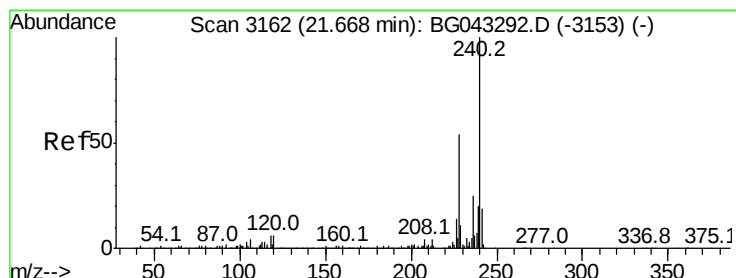
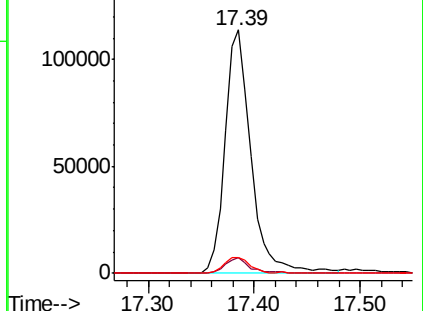
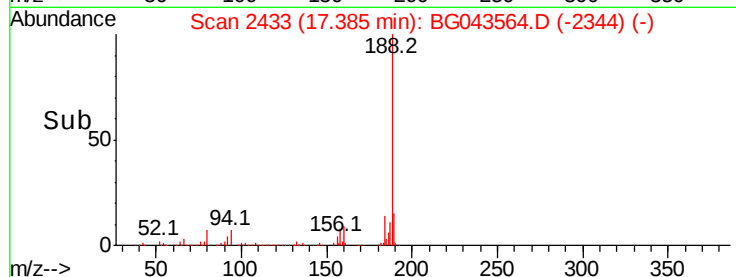
80 6.6 4.5 6.7



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043564.D

Acq: 8 Nov 2019 7:45

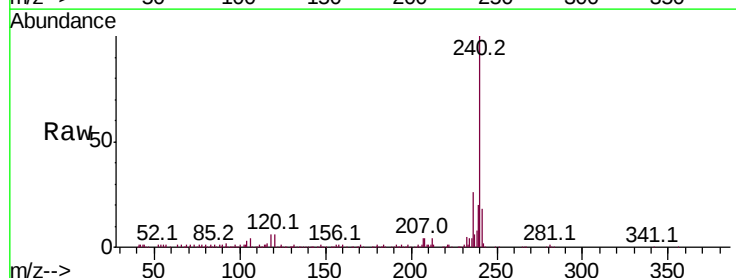
Tgt Ion:240 Resp: 212290

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

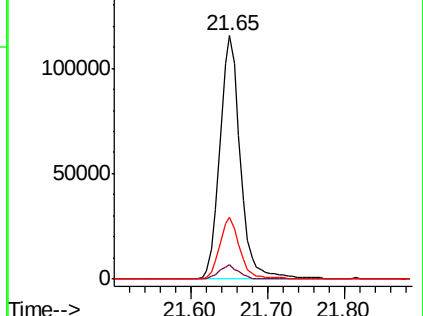
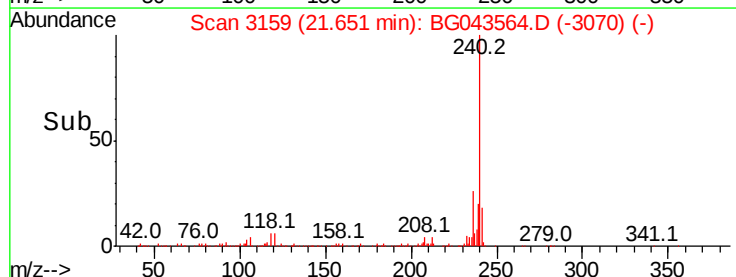
236 25.6 19.8 29.8

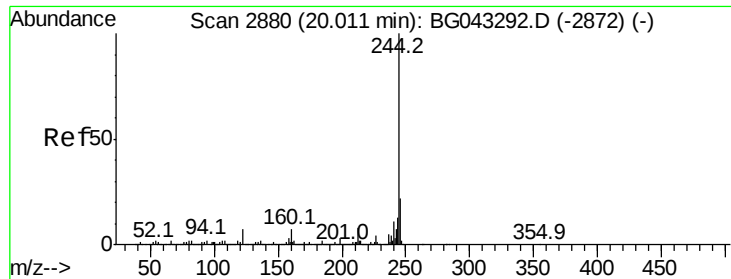


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.896 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043564.D

Acq: 8 Nov 2019 7:45

Instrument :

BNA_G

ClientSampleId :

TR-04-110619

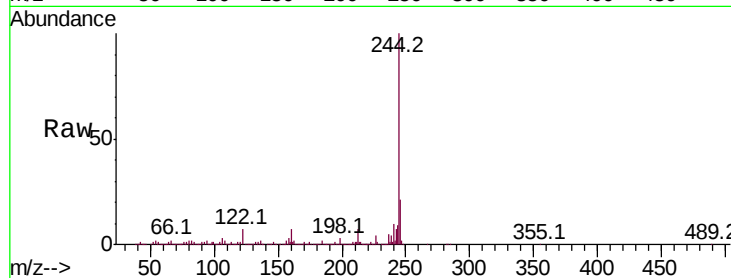
Tot Ion:244 Resp: 1073816

Ion Ratio Lower Upper

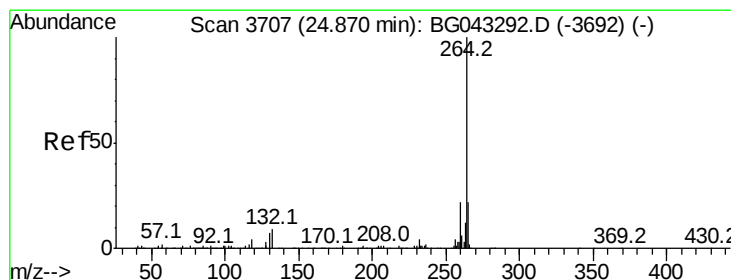
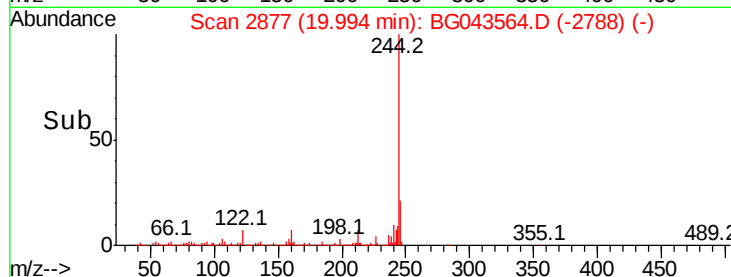
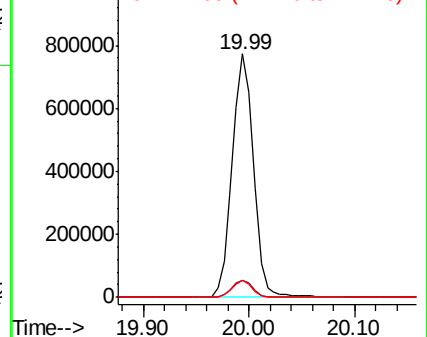
244 100

212 7.2 5.8 8.6

122 6.9 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# 3702

Delta R.T. -0.01 min

Lab File: BG043564.D

Acq: 8 Nov 2019 7:45

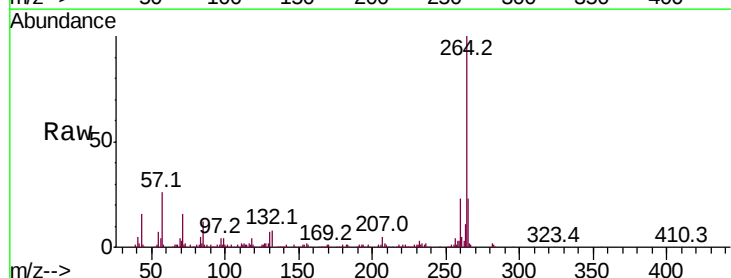
Tgt Ion:264 Resp: 246834

Ion Ratio Lower Upper

264 100

260 22.9 17.5 26.3

265 22.5 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

