

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043553.D
 Acq On : 8 Nov 2019 00:01
 Operator : JU
 Sample : K5702-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H-1

Quant Time: Nov 08 04:58:28 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

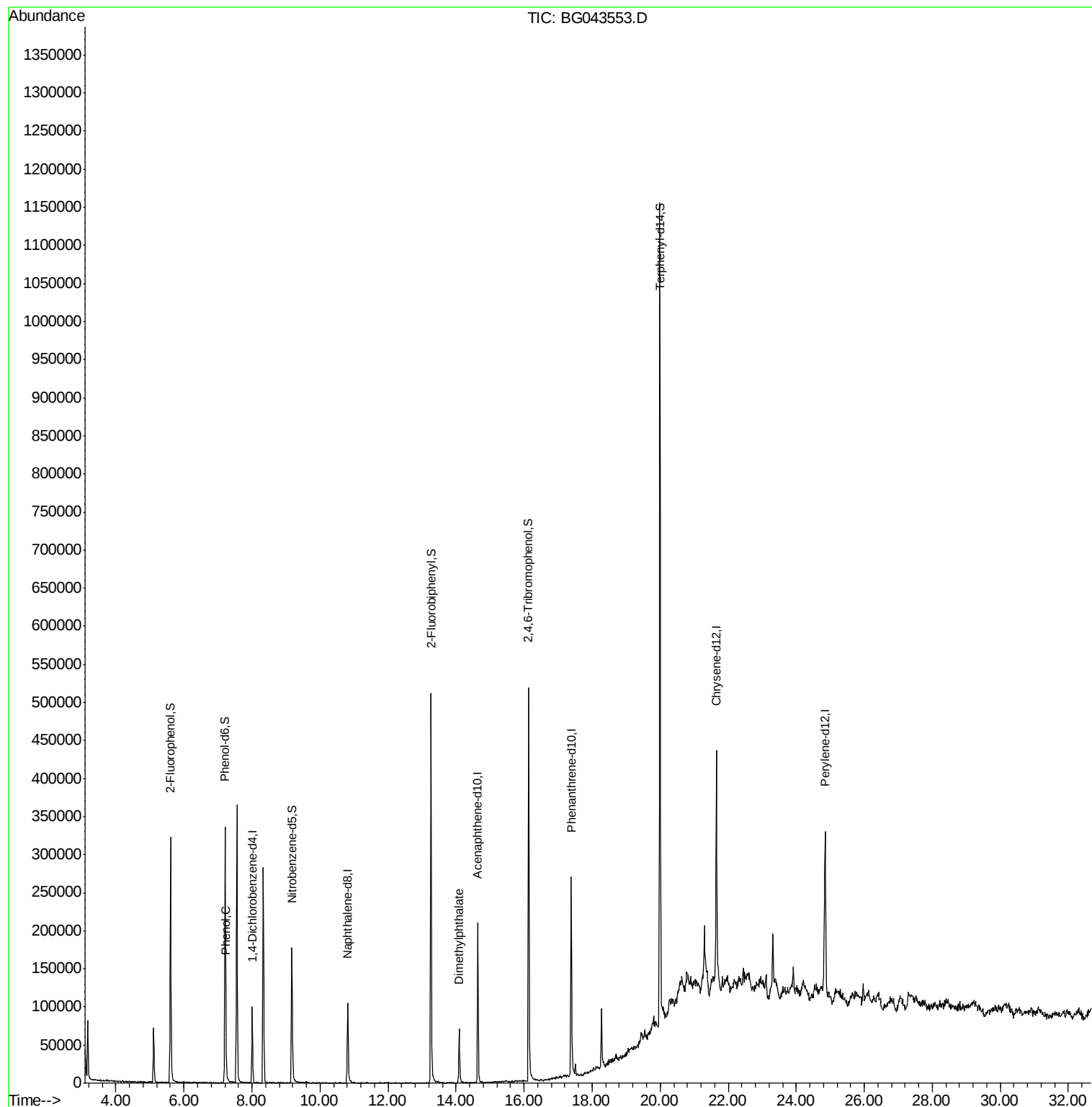
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30210	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	112934	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	82837	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	199459	20.00	ng	0.00
76) Chrysene-d12	21.65	240	215379	20.00	ng	0.00
87) Perylene-d12	24.85	264	254637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	157839	95.74	ng	0.01
7) Phenol-d6	7.21	99	223159	94.08	ng	0.02
23) Nitrobenzene-d5	9.18	82	130098	59.39	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	130026	82.48	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	320514	53.46	ng	0.00
79) Terphenyl-d14	20.00	244	614180	53.50	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6892	3.180	ng	Qvalue # 74
50) Dimethylphthalate	14.09	163	59541	9.280	ng	98

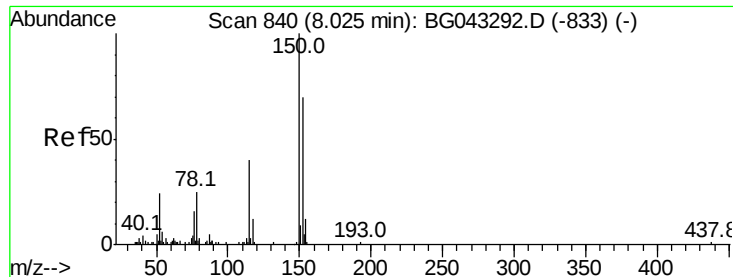
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG043553.D

Acq: 8 Nov 2019 00:01

Instrument :

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H-1

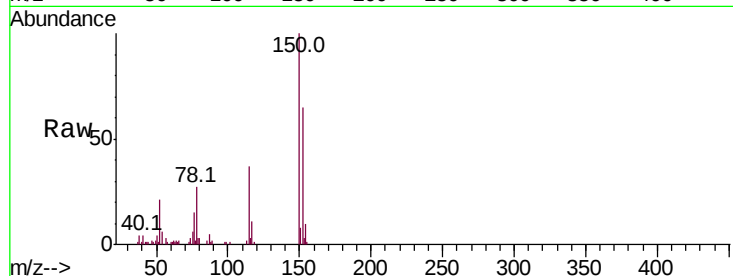
Tot Ion:152 Resp: 30210

Ion Ratio Lower Upper

152 100

150 153.9 129.4 194.0

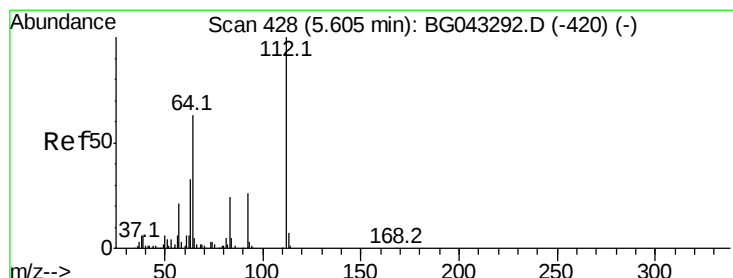
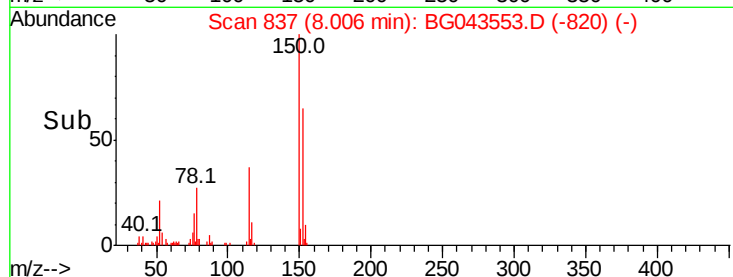
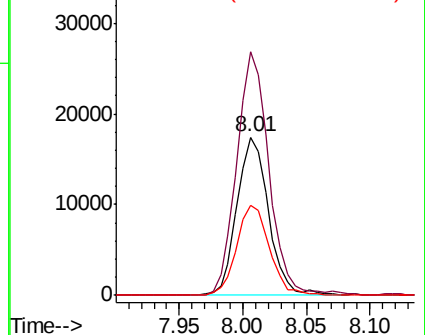
115 57.0 48.8 73.2



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: 95.740 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

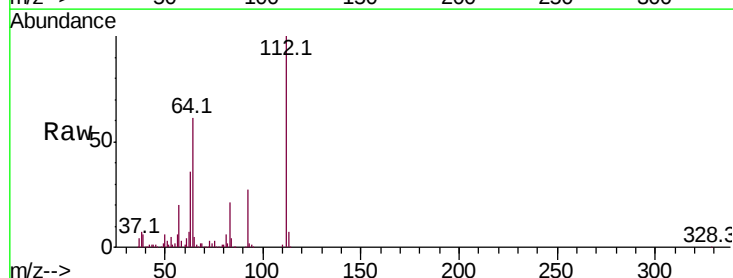
Tgt Ion:112 Resp: 157839

Ion Ratio Lower Upper

112 100

64 60.9 50.0 75.0

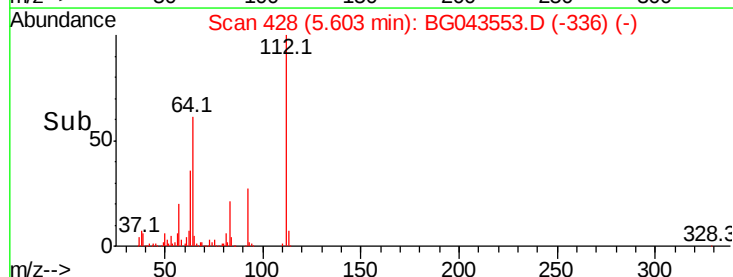
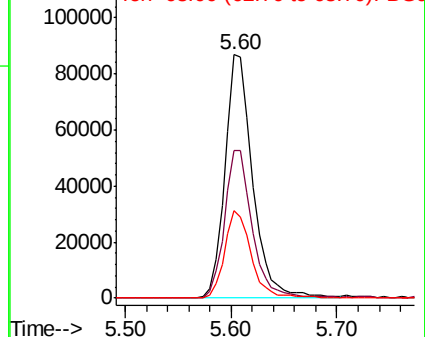
63 35.8 26.6 40.0

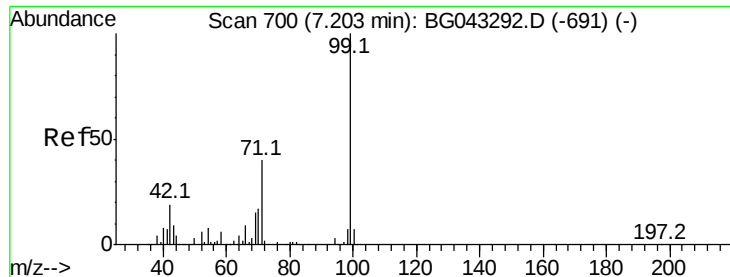


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 94.082 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

Instrument :

BNA_G

ClientSampleId :

H-1

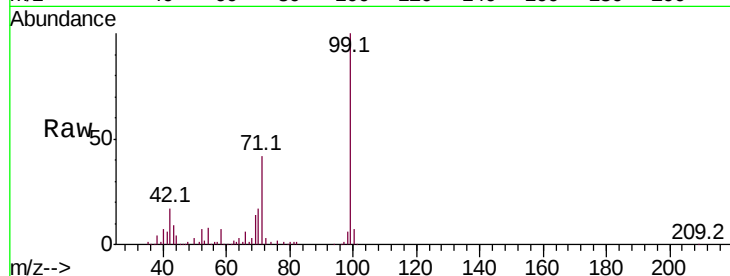
Tot Ion: 99 Resp: 223159

Ion Ratio Lower Upper

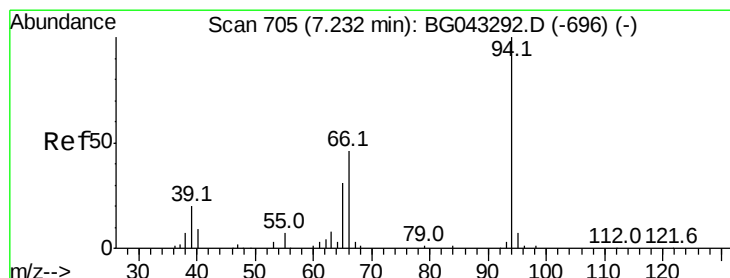
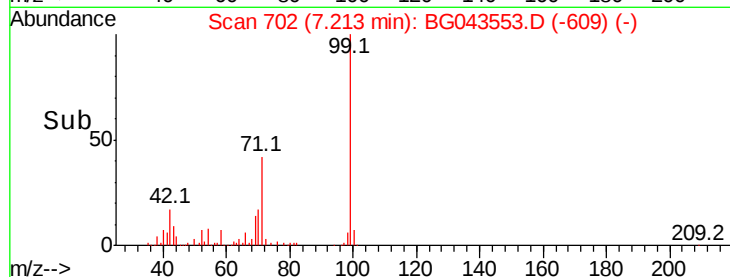
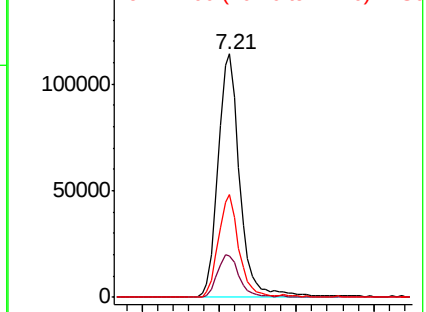
99 100

42 16.9 14.6 21.8

71 42.0 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: 3.180 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

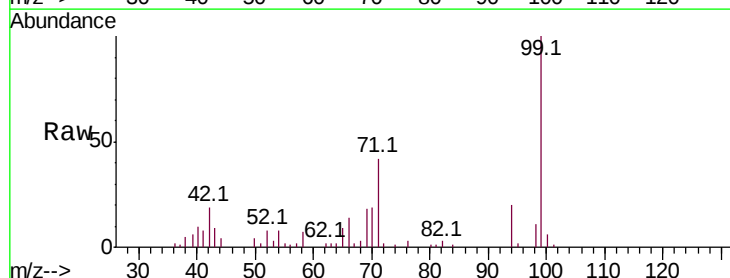
Tgt Ion: 94 Resp: 6892

Ion Ratio Lower Upper

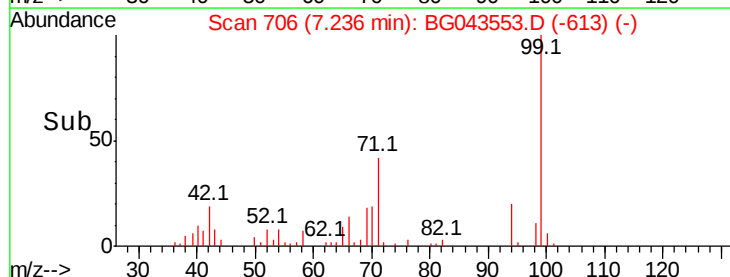
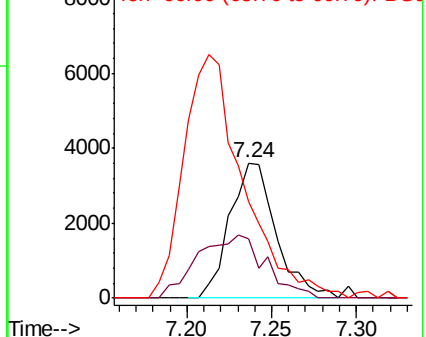
94 100

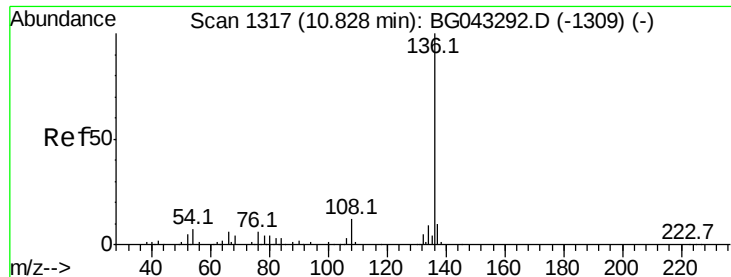
65 44.2 12.6 52.6

66 71.0 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

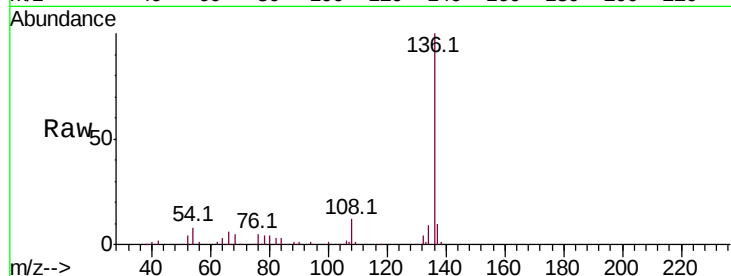




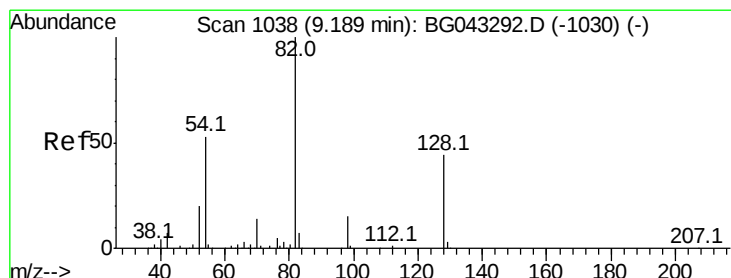
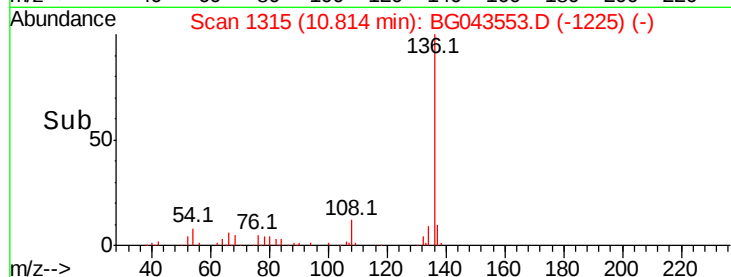
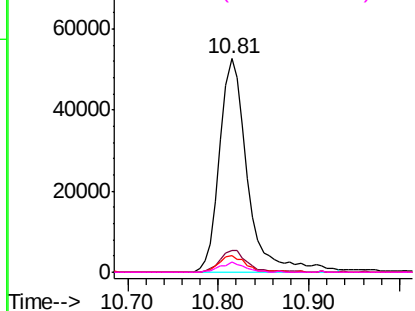
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043553.D
Acq: 8 Nov 2019 00:01

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:136	Resp:	112934
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.7	13.1
54 7.6	5.4	8.2
68 4.8	3.0	4.4#

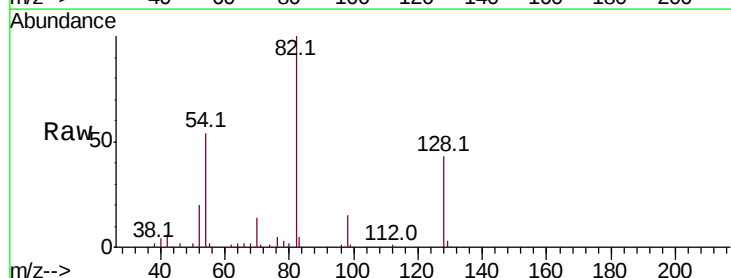


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

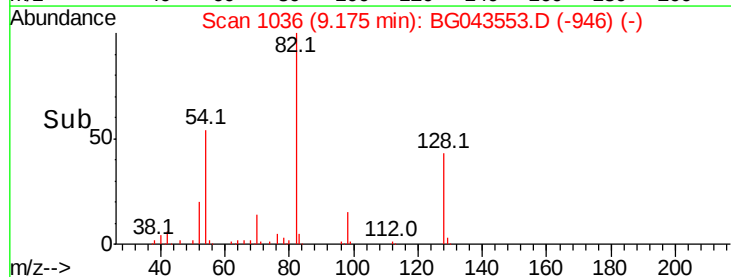
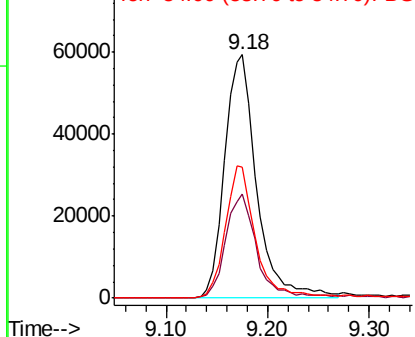


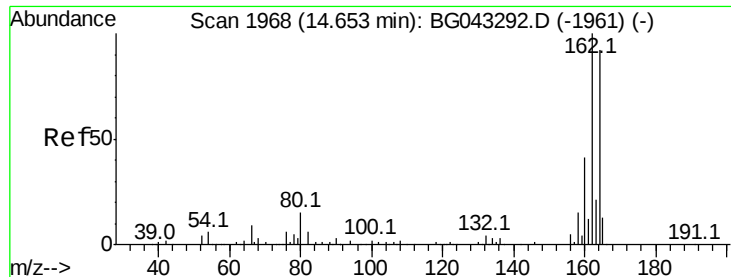
#23
Nitrobenzene-d5
Concen: 59.390 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043553.D
Acq: 8 Nov 2019 00:01

Tgt Ion: 82	Resp: 130098
Ion Ratio	Lower Upper
82 100	
128 42.8	35.0 52.6
54 53.7	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

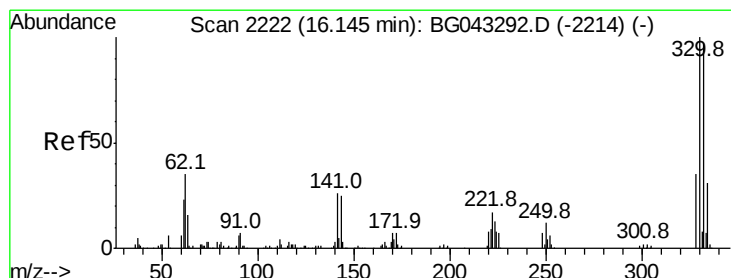
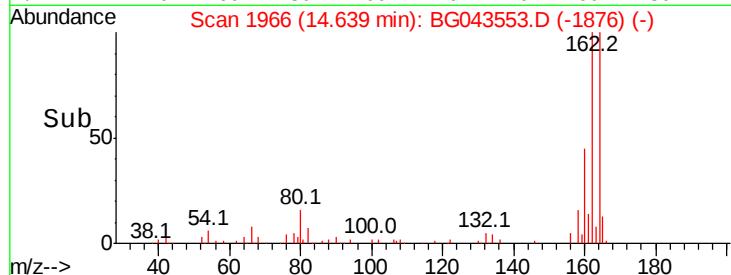
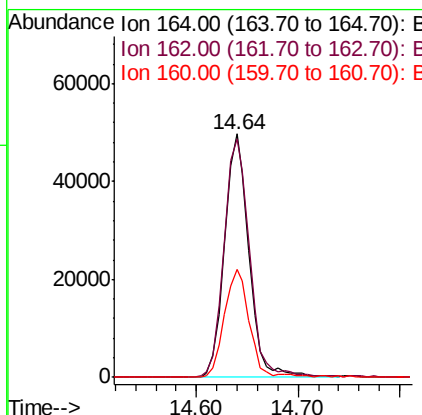
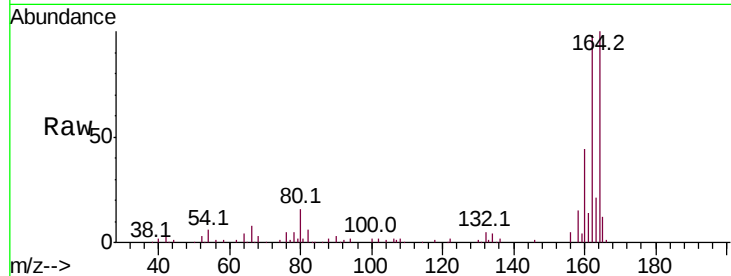




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043553.D
Acq: 8 Nov 2019 00:01

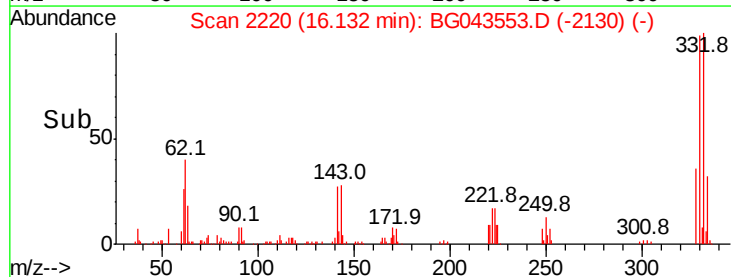
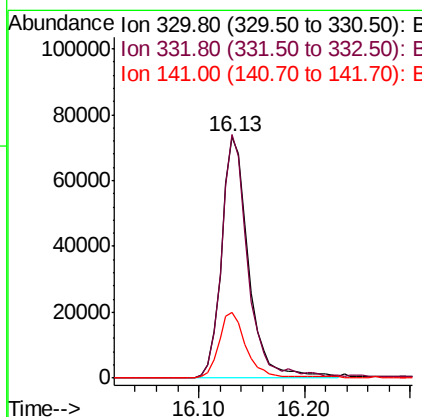
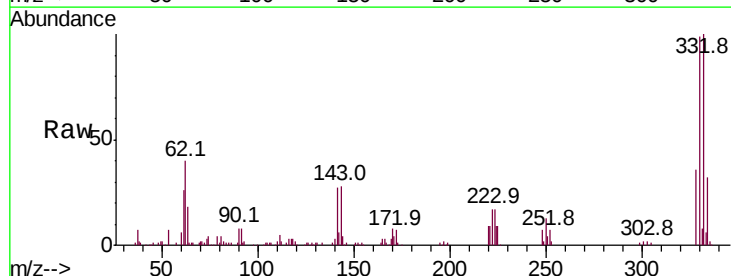
Instrument :
BNA_G
ClientSampleId :
H-1

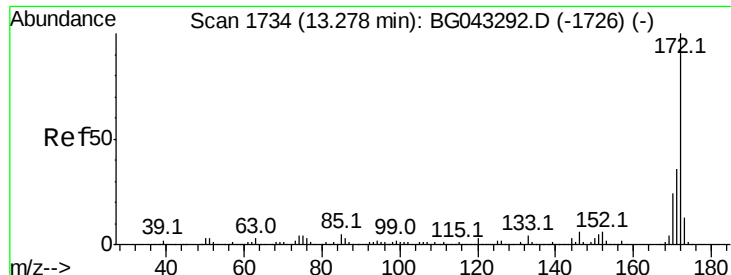
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.2	83.5	125.3
160	44.2	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 82.483 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043553.D
Acq: 8 Nov 2019 00:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.0
141	27.4	22.8	34.2

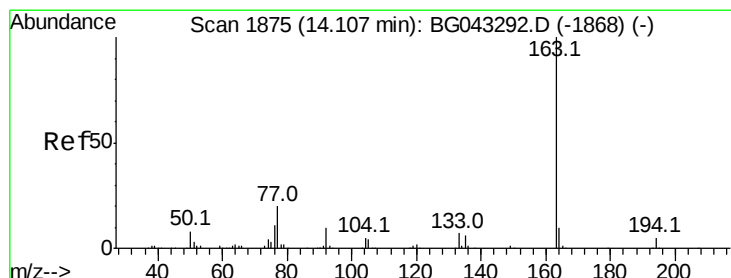
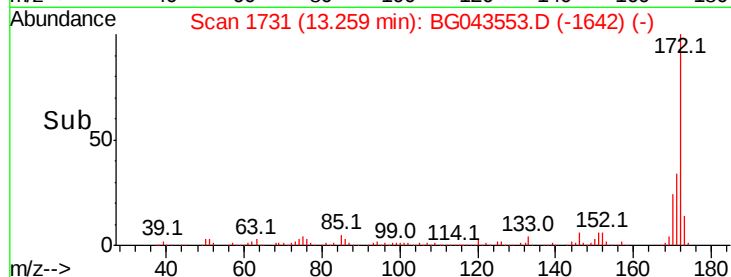
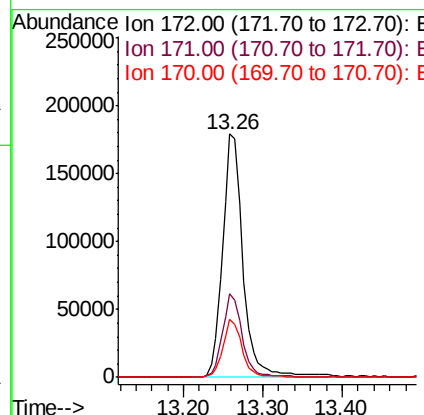
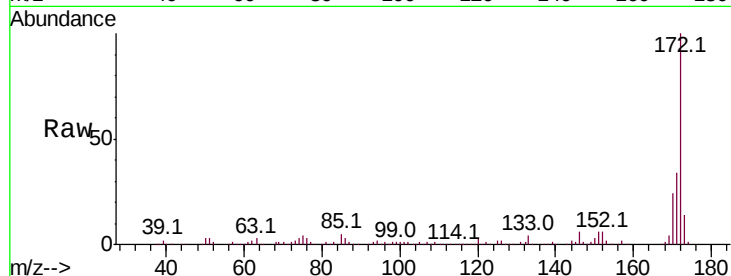




#45
 2-Fluorobiphenyl
 Concen: 53.465 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043553.D
 Acq: 8 Nov 2019 00:01

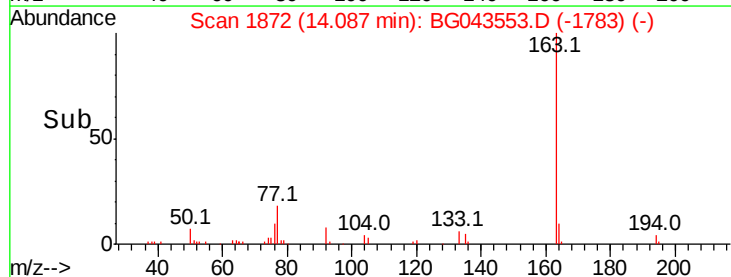
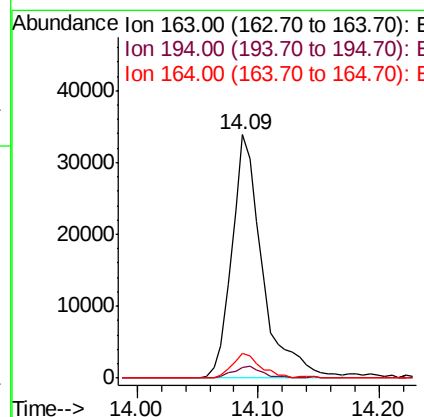
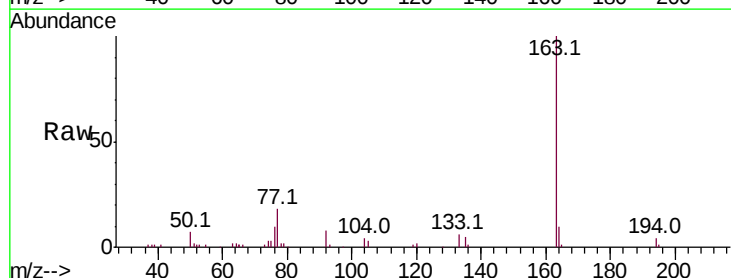
Instrument :
 BNA_G
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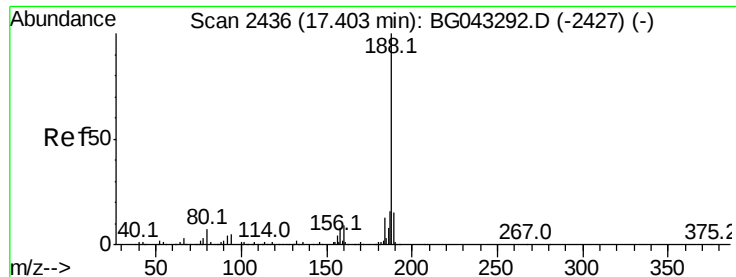
Tot Ion:172 Resp: 320514
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.9 43.3
 170 23.9 18.5 27.7



#50
 Dimethylphthalate
 Concen: 9.280 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG043553.D
 Acq: 8 Nov 2019 00:01

Tgt Ion:163 Resp: 59541
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.8 5.6
 164 10.0 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

Instrument :

BNA_G

ClientSampleId :

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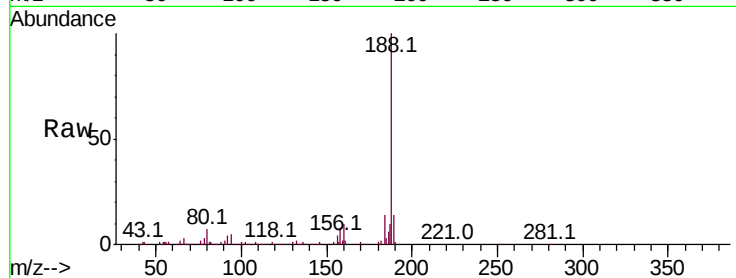
Tot Ion:188 Resp: 199459

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

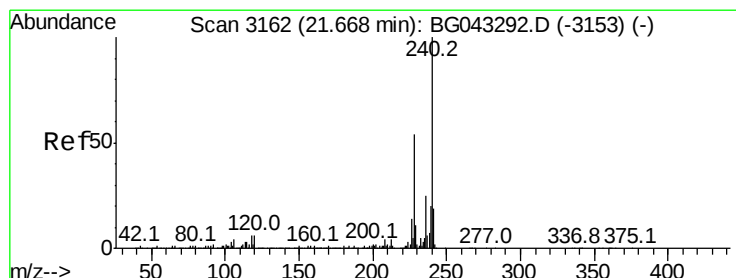
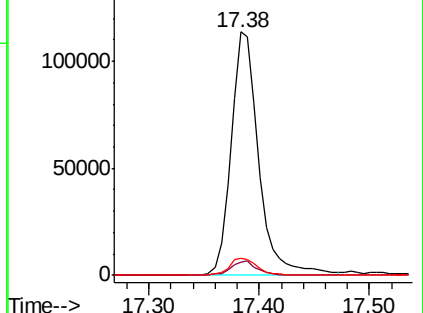
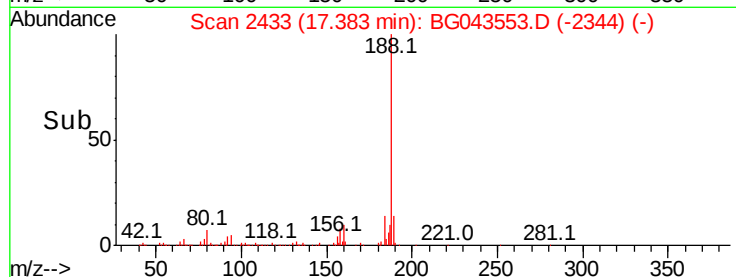
80 7.0 4.5 6.7#



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# 3160

Delta R.T. -0.00 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

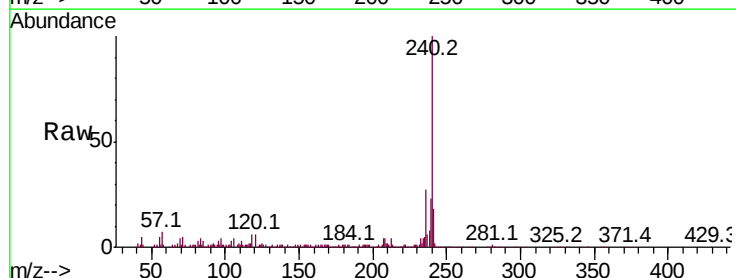
Tgt Ion:240 Resp: 215379

Ion Ratio Lower Upper

240 100

120 5.7 4.6 6.8

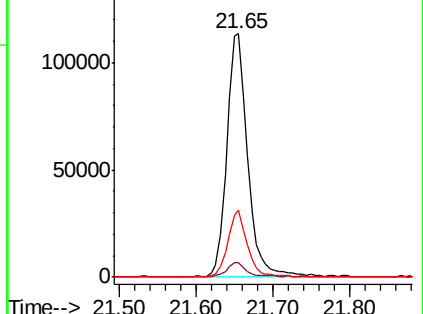
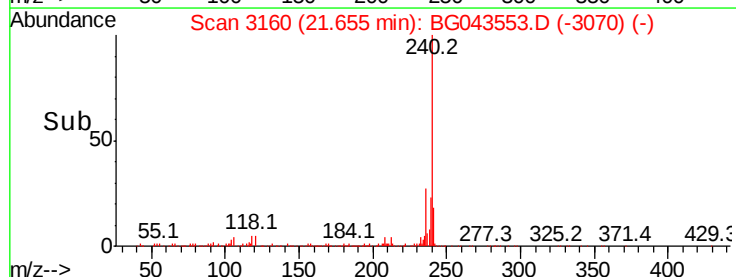
236 27.4 19.8 29.8

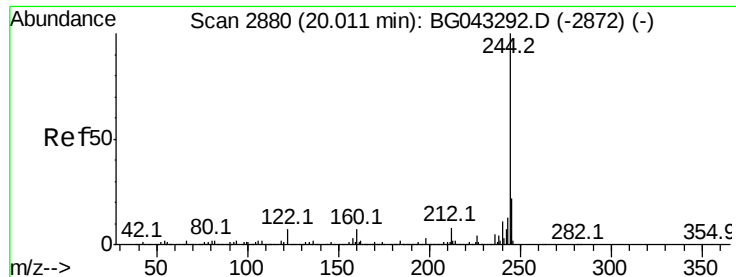


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.498 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

Instrument :

BNA_G

ClientSampled :

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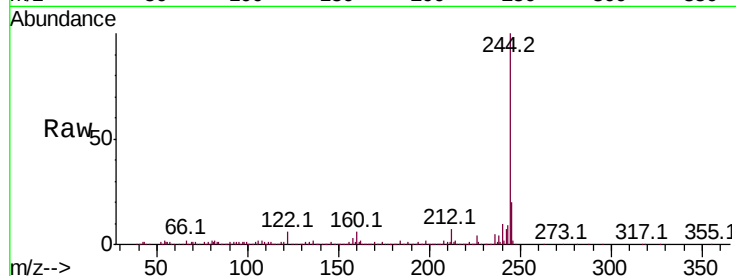
Tot Ion:244 Resp: 614180

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

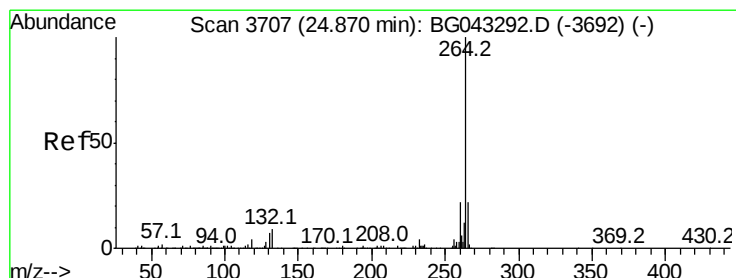
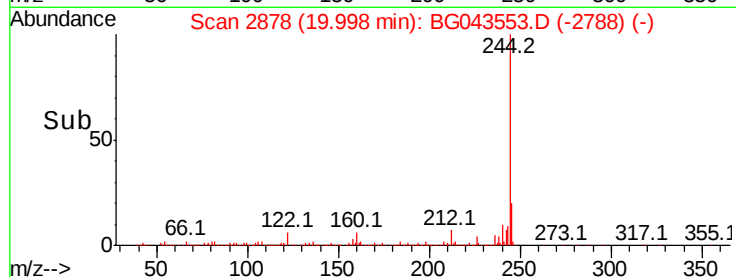
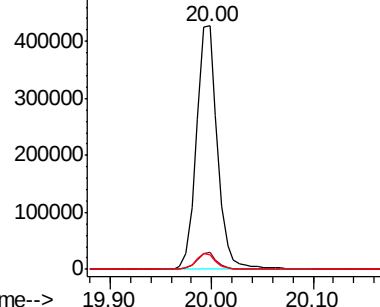
122 6.1 5.4 8.2



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: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

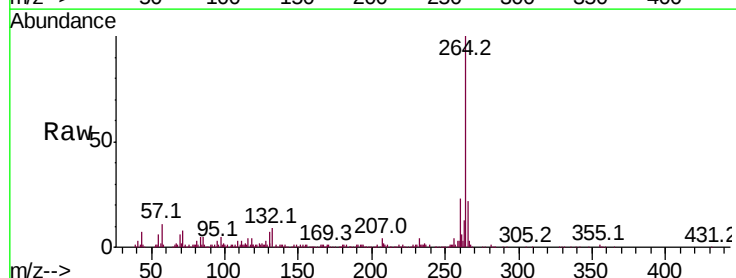
Tgt Ion:264 Resp: 254637

Ion Ratio Lower Upper

264 100

260 23.3 17.5 26.3

265 22.1 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

