

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043599.D
 Acq On : 12 Nov 2019 1:09
 Operator : JU
 Sample : K5760-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3425

Quant Time: Nov 12 08:13:09 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

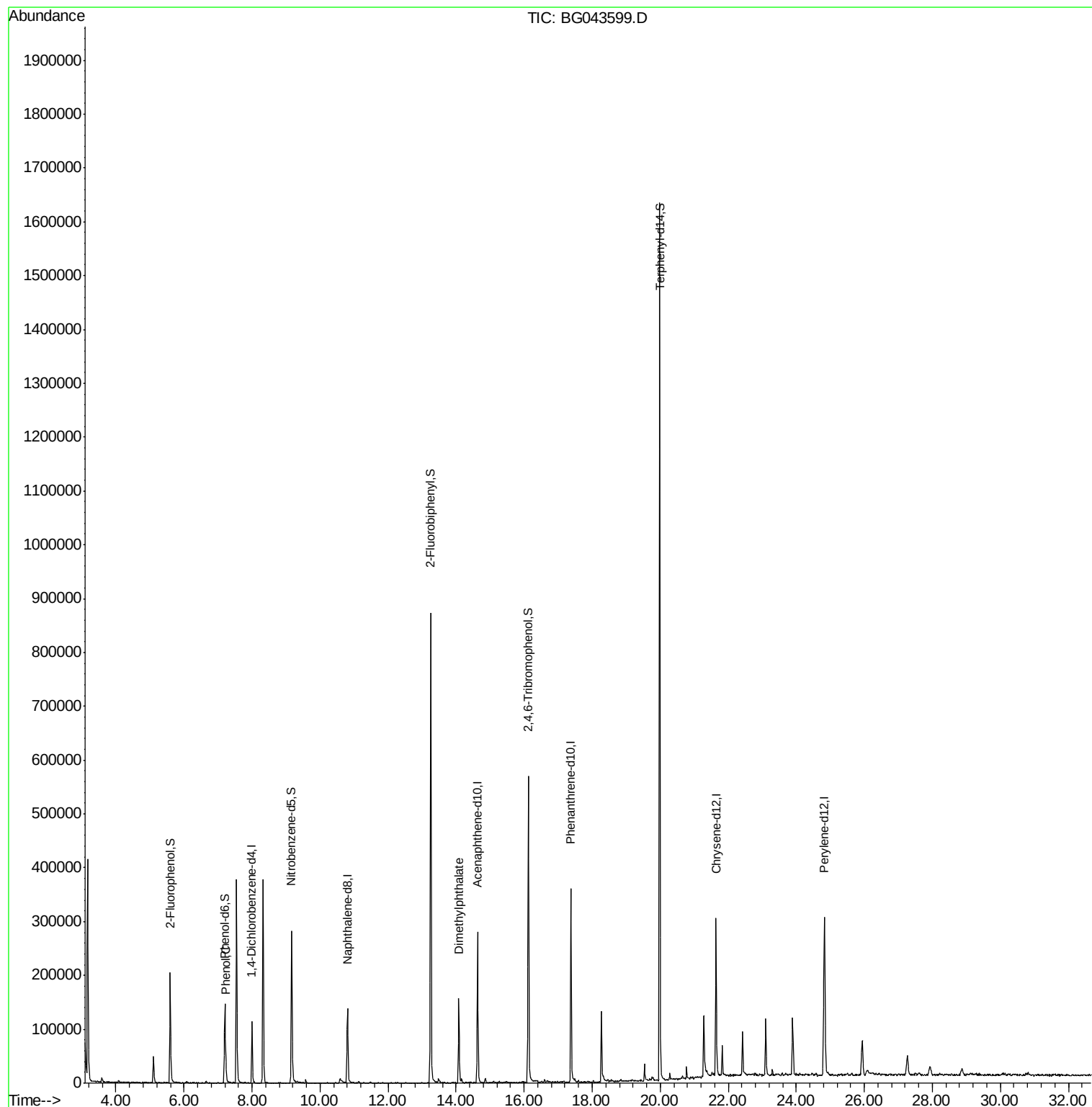
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34147	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	135865	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	103971	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	251193	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	203441	20.00	ng	-0.01
87) Perylene-d12	24.83	264	251473	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	102887	55.21	ng	0.00
7) Phenol-d6	7.20	99	95401	35.58	ng	0.00
23) Nitrobenzene-d5	9.16	82	196677	74.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	143478	72.52	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	520334	69.15	ng	-0.01
79) Terphenyl-d14	19.99	244	851928	78.56	ng	-0.01
Target Compounds						
10) Phenol	7.22	94	24426	9.970	ng	94
50) Dimethylphthalate	14.08	163	114503	14.218	ng	98

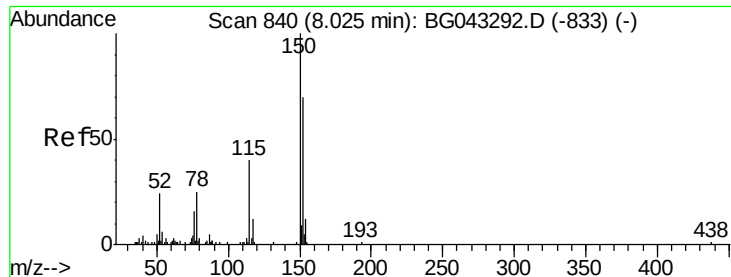
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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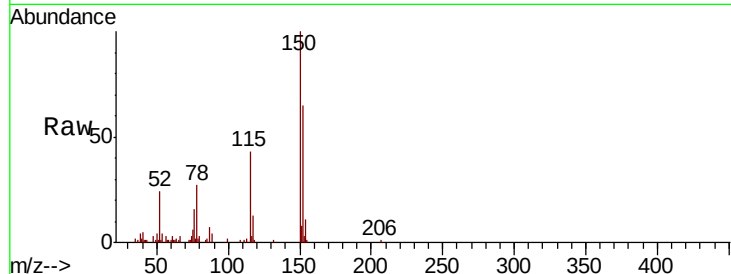


#1

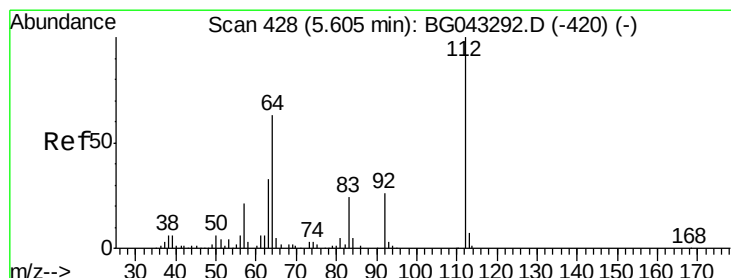
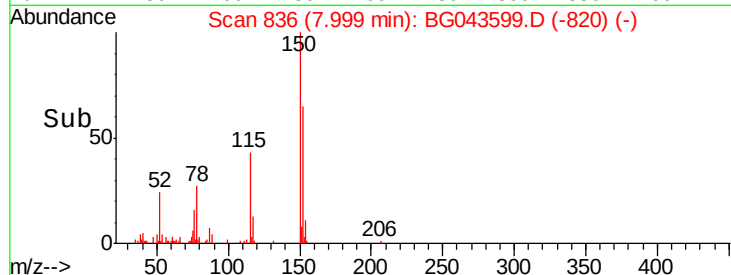
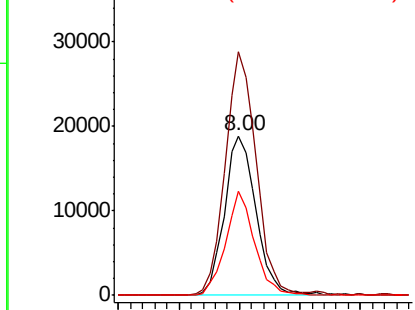
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043599.D
Acq: 12 Nov 2019 1:09

Instrument :
BNA_G
ClientSampled :
3425

Tot Ion:152 Resp: 34147
Ion Ratio Lower Upper
152 100
150 152.7 129.4 194.0
115 65.5 48.8 73.2



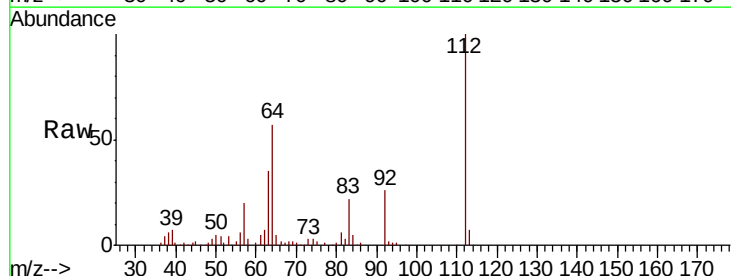
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



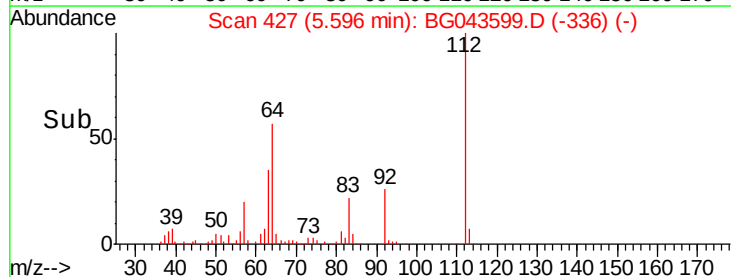
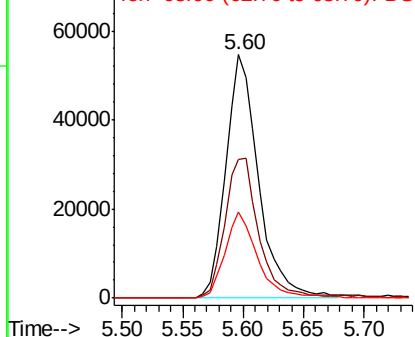
#5

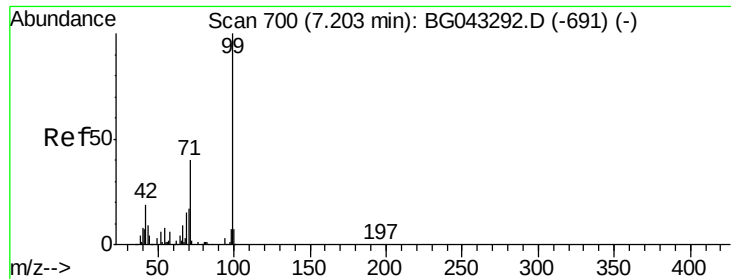
2-Fluorophenol
Concen: 55.213 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043599.D
Acq: 12 Nov 2019 1:09

Tgt Ion:112 Resp: 102887
Ion Ratio Lower Upper
112 100
64 57.1 50.0 75.0
63 35.5 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: 35.583 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

Instrument :

BNA_G

ClientSampleId :

3425

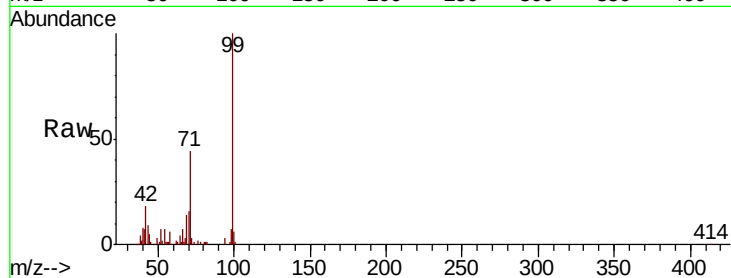
Tot Ion: 99 Resp: 95401

Ion Ratio Lower Upper

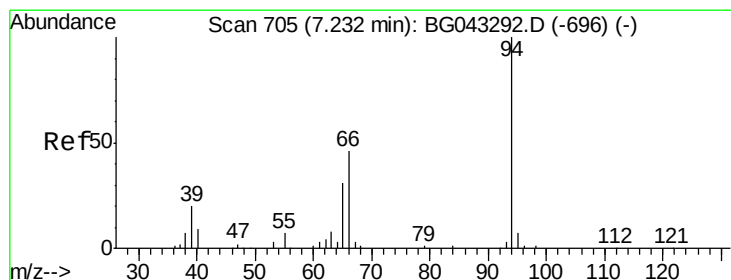
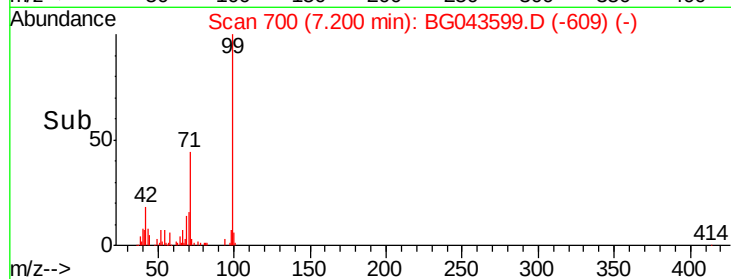
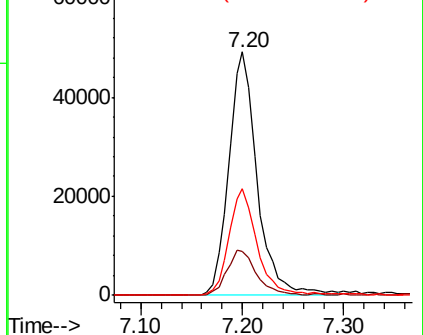
99 100

42 18.2 14.6 21.8

71 43.8 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: 9.970 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

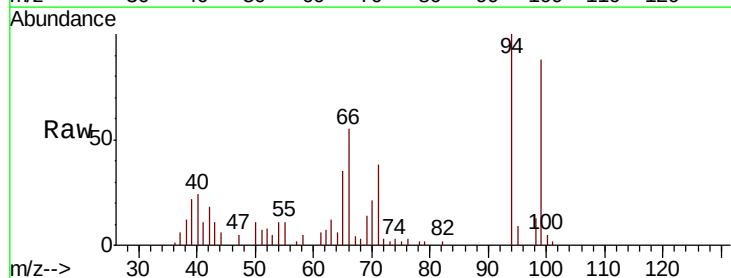
Tgt Ion: 94 Resp: 24426

Ion Ratio Lower Upper

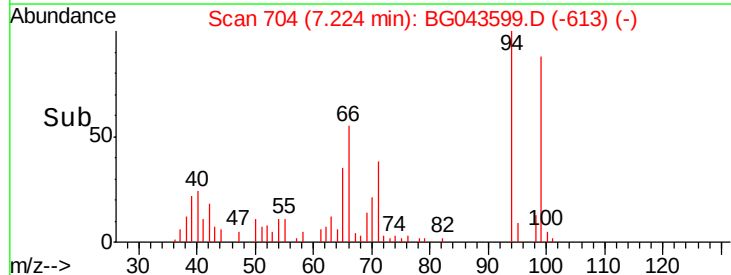
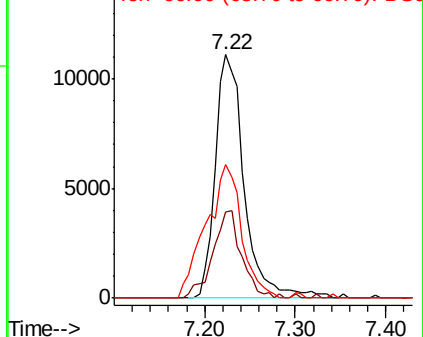
94 100

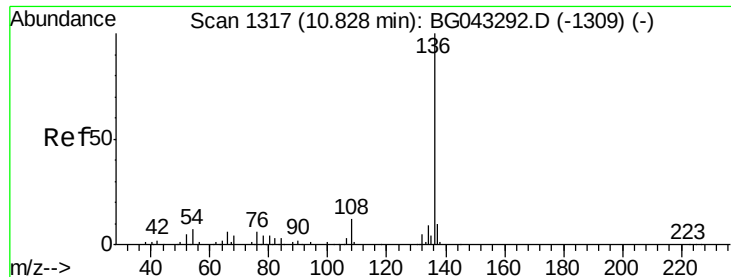
65 35.4 12.6 52.6

66 54.8 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: BG043599.D

Acq: 12 Nov 2019 1:09

Instrument :

BNA_G

ClientSampleId :

3425

Tot Ion:136 Resp: 135865

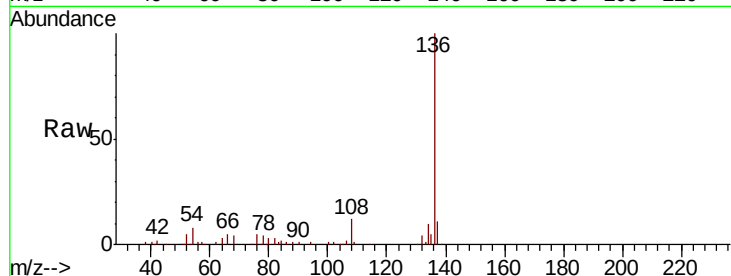
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.2 5.4 8.2#

68 3.8 3.0 4.4

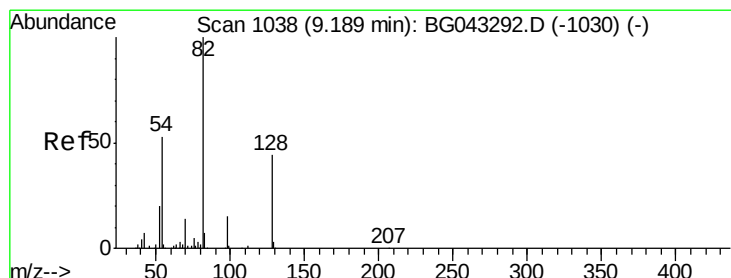
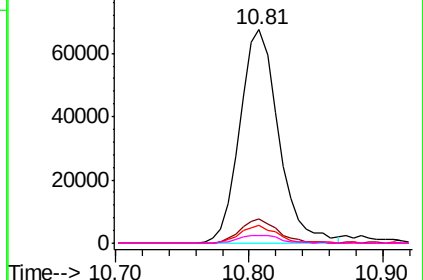
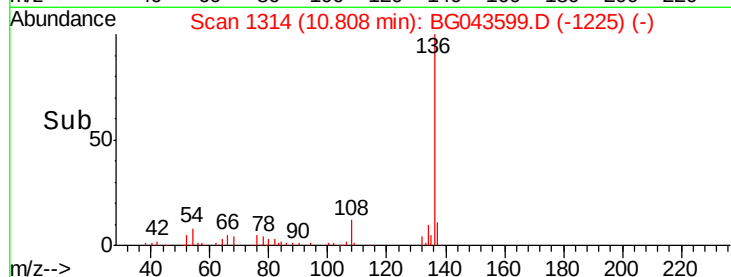


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.630 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

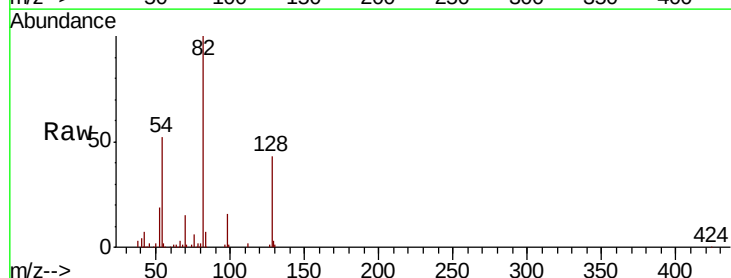
Tgt Ion: 82 Resp: 196677

Ion Ratio Lower Upper

82 100

128 43.0 35.0 52.6

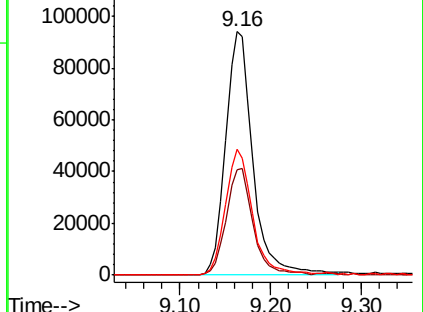
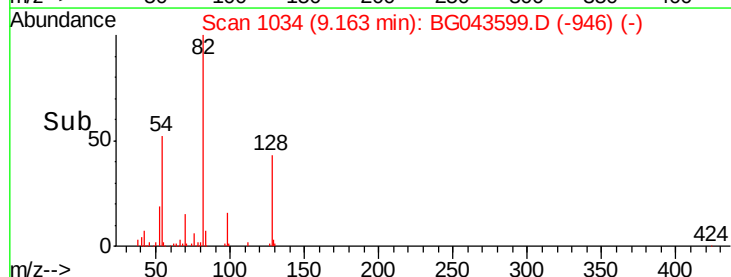
54 51.7 40.2 60.2

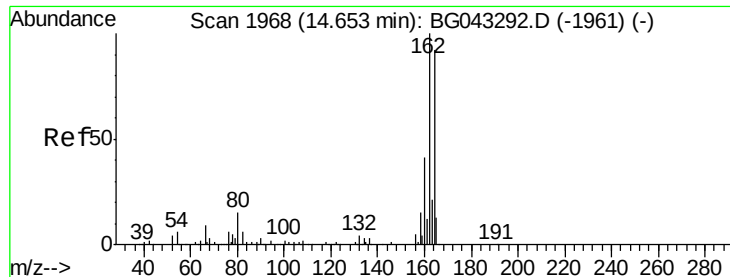


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

Instrument :

BNA_G

ClientSampleId :
3425

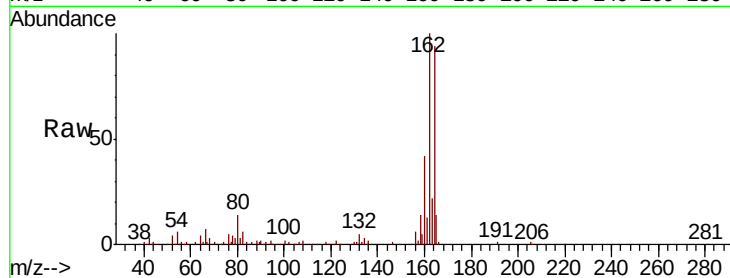
Tot Ion:164 Resp: 103971

Ion Ratio Lower Upper

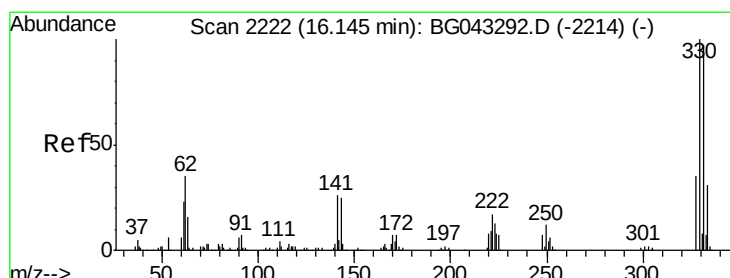
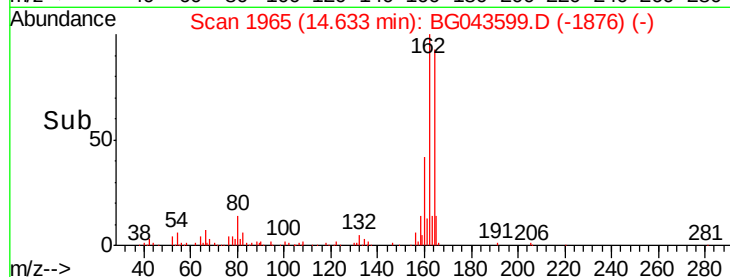
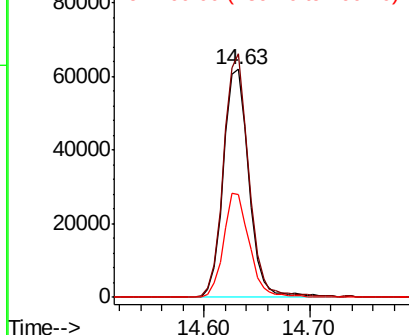
164 100

162 106.9 83.5 125.3

160 45.4 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: 72.516 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

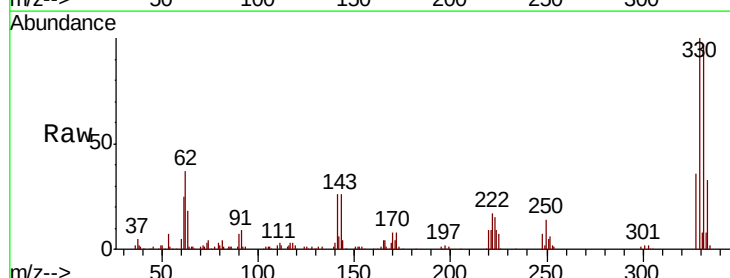
Tgt Ion:330 Resp: 143478

Ion Ratio Lower Upper

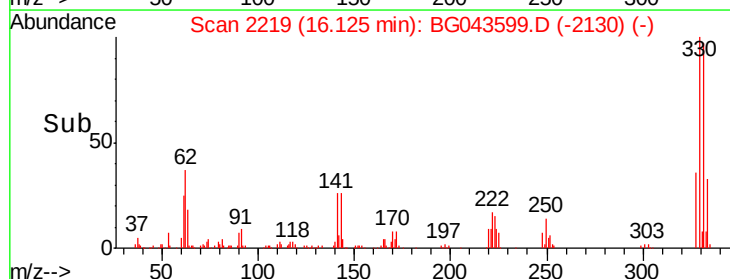
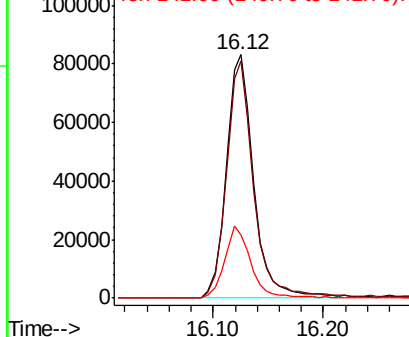
330 100

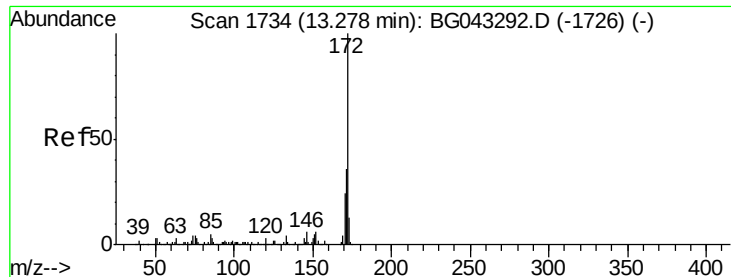
332 97.1 77.4 116.0

141 28.9 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

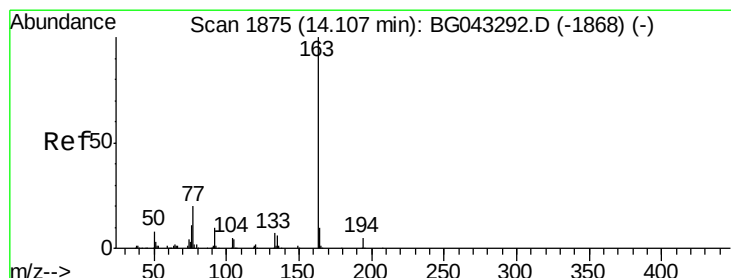
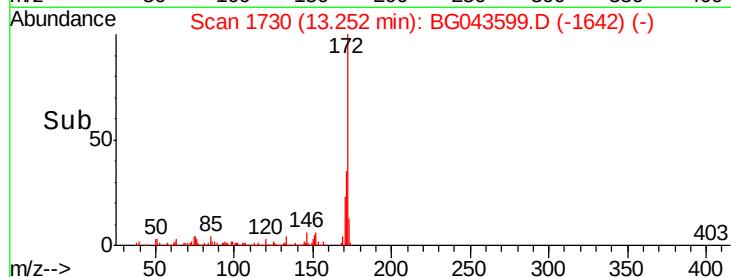
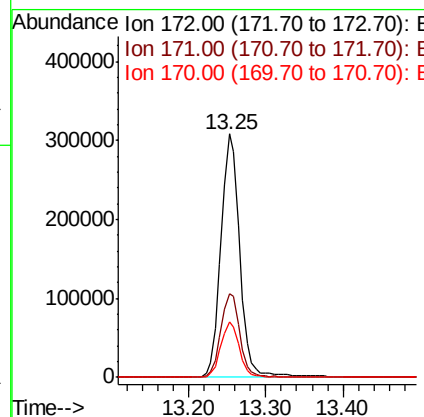
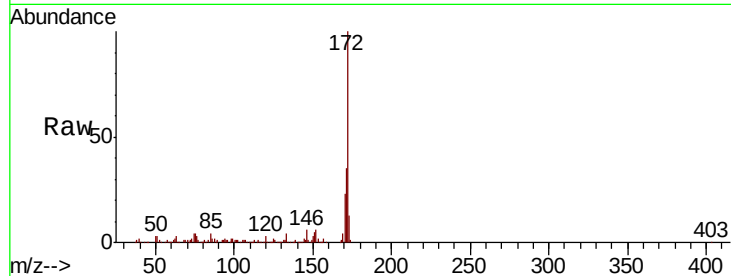




#45
2-Fluorobiphenyl
Concen: 69.154 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043599.D
Acq: 12 Nov 2019 1:09

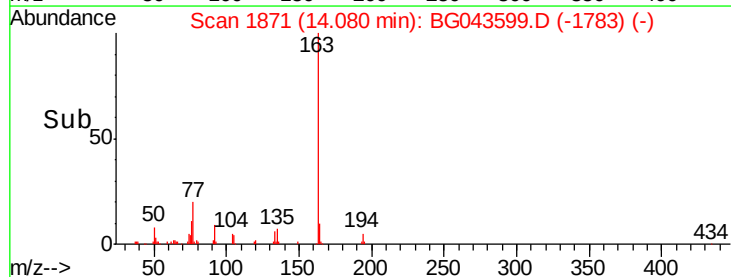
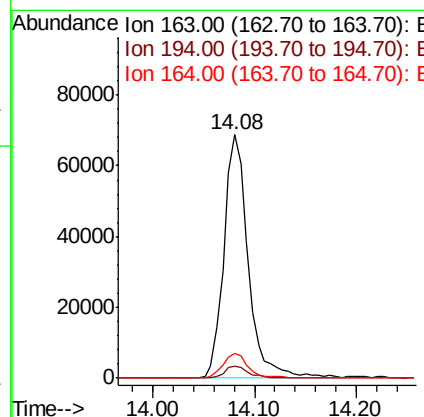
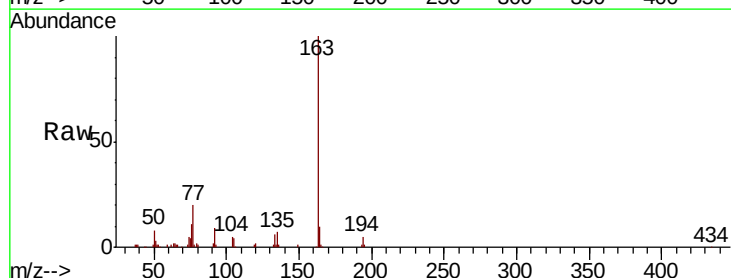
Instrument :
BNA_G
ClientSampleId :
3425

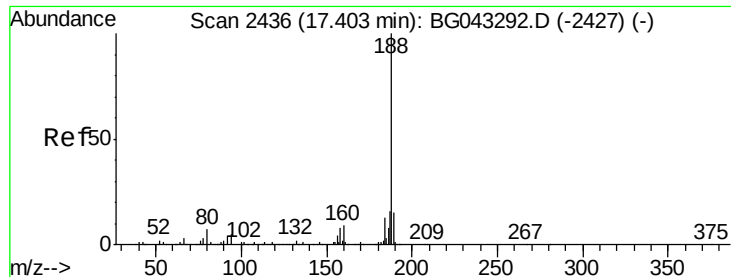
Tot Ion:172 Resp: 520334
Ion Ratio Lower Upper
172 100
171 34.5 28.9 43.3
170 23.0 18.5 27.7



#50
Dimethylphthalate
Concen: 14.218 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043599.D
Acq: 12 Nov 2019 1:09

Tgt Ion:163 Resp: 114503
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.3 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

Instrument :

BNA_G

ClientSampleId :
3425

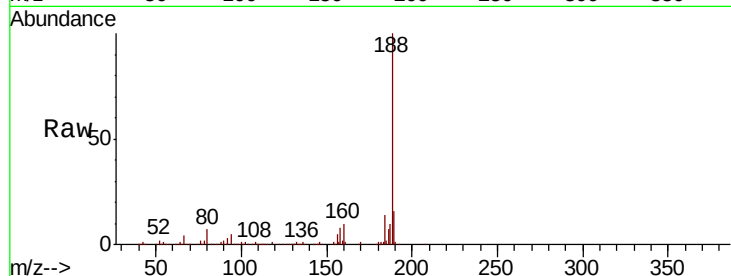
Tot Ion:188 Resp: 251193

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

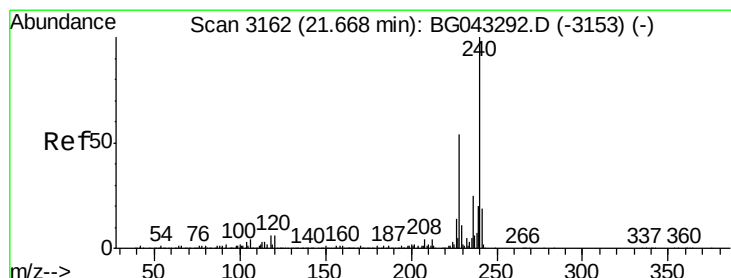
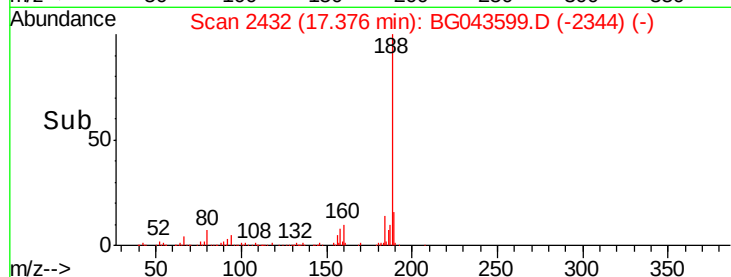
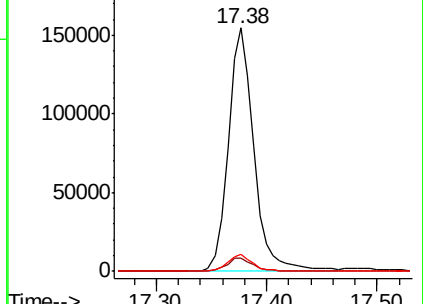
80 6.8 4.5 6.7#



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: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

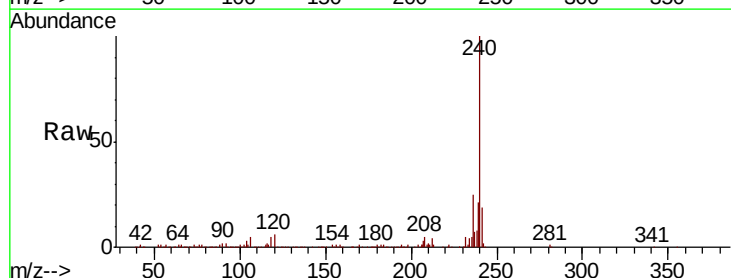
Tgt Ion:240 Resp: 203441

Ion Ratio Lower Upper

240 100

120 6.5 4.6 6.8

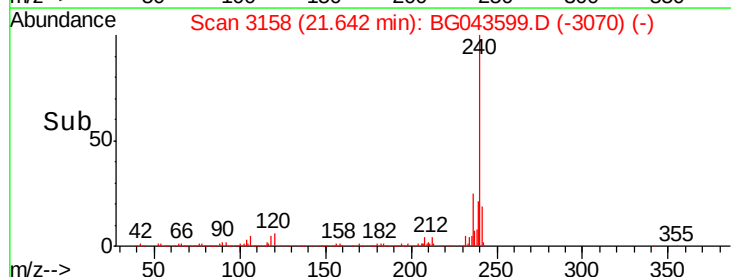
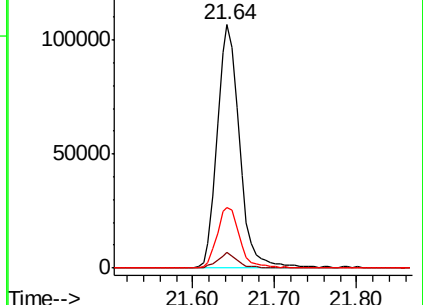
236 25.1 19.8 29.8

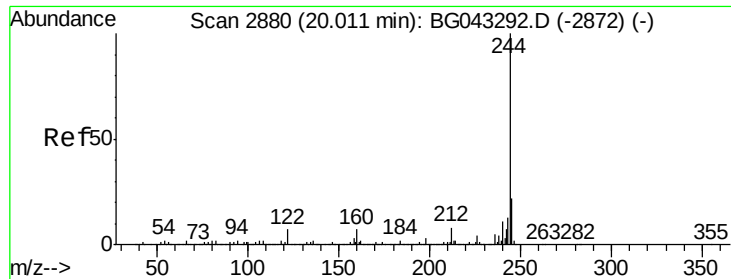


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.562 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

Instrument :

BNA_G

ClientSampleId :
3425

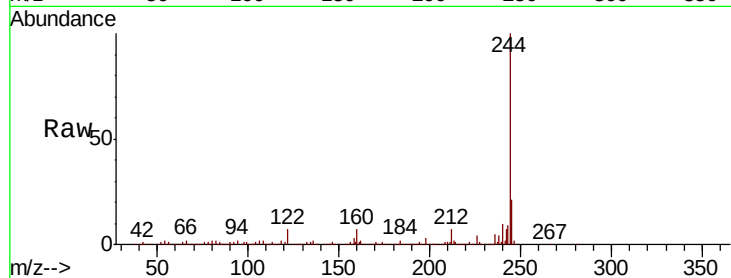
Tot Ion:244 Resp: 851928

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	6.6	5.4	8.2

244 100

212 7.4 5.8 8.6

122 6.6 5.4 8.2

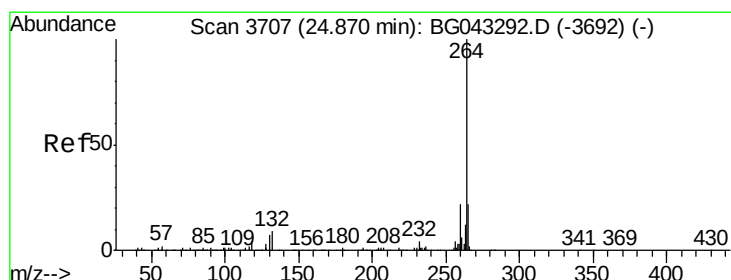
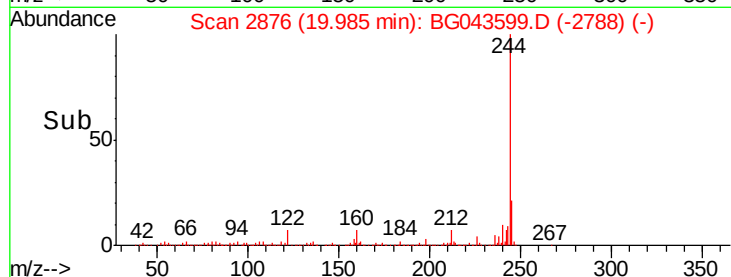
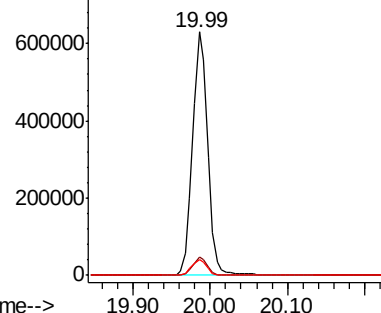


Abundance

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: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043599.D

Acq: 12 Nov 2019 1:09

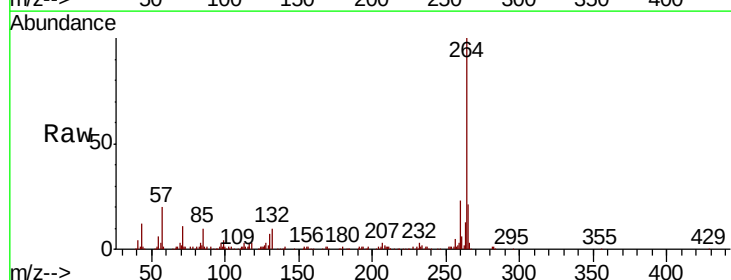
Tgt Ion:264 Resp: 251473

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.5	26.3
265	21.2	17.4	26.0

264 100

260 23.4 17.5 26.3

265 21.2 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

