

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042390.D
 Acq On : 21 Aug 2019 19:20
 Operator : HP/JU
 Sample : K4330-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0650-ELUTRIATE-COMP-D

Quant Time: Aug 22 01:48:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

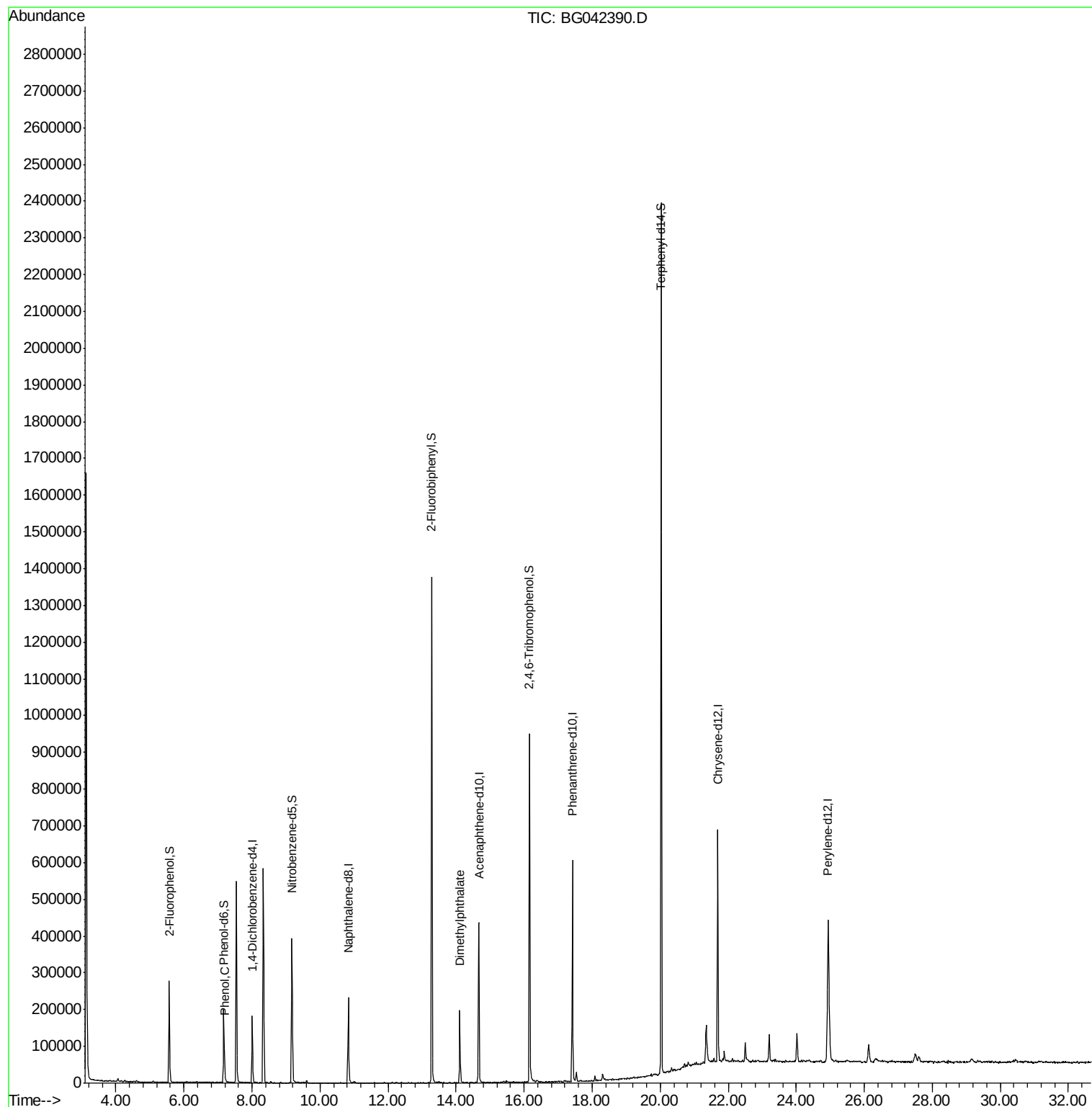
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	59835	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	241291	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	180849	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	401344	20.00	ng	0.00
76) Chrysene-d12	21.69	240	400858	20.00	ng	0.00
87) Perylene-d12	24.94	264	468053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	146867	49.73	ng	0.00
7) Phenol-d6	7.17	99	141420	35.26	ng	0.00
23) Nitrobenzene-d5	9.17	82	259734	75.71	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	250310	101.62	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	824865	77.18	ng	0.00
79) Terphenyl-d14	20.03	244	1283193	70.11	ng	0.00
Target Compounds						
10) Phenol	7.20	94	11917	2.922	ng	87
50) Dimethylphthalate	14.11	163	165134	12.850	ng	100

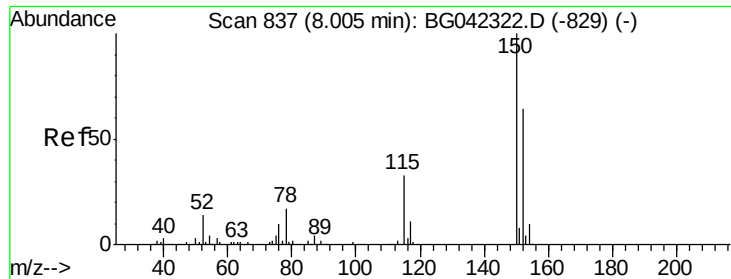
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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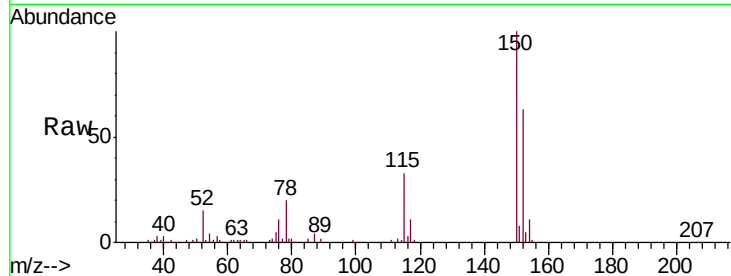


#1

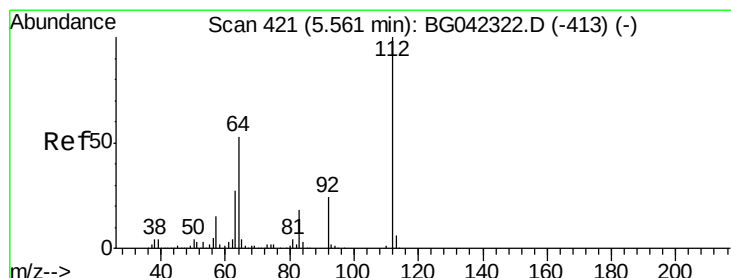
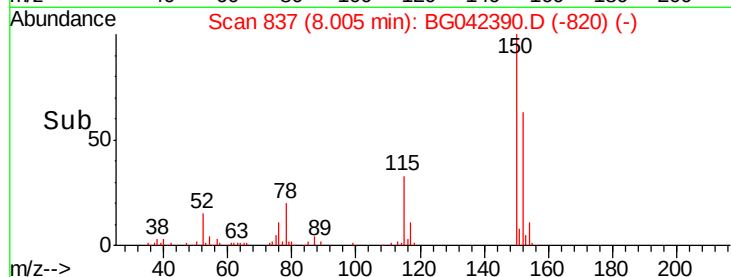
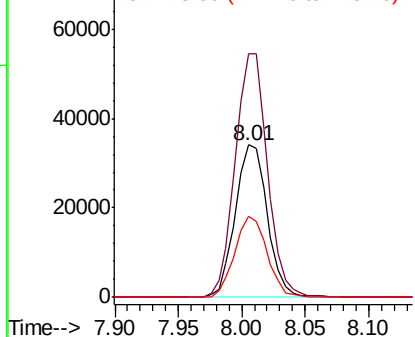
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042390.D
Acq: 21 Aug 2019 19:20

Instrument :
BNA_G
ClientSampleId :
0650-ELUTRIATE-COMP-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.3	186.5
115	53.3	40.5	60.7



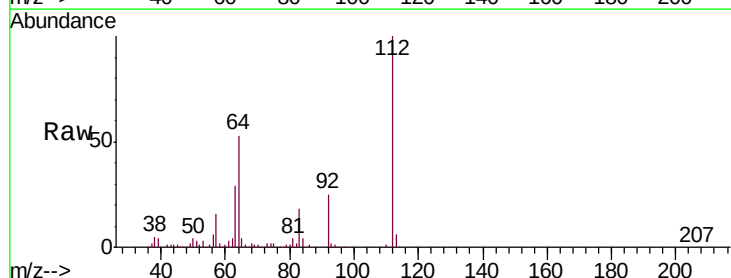
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



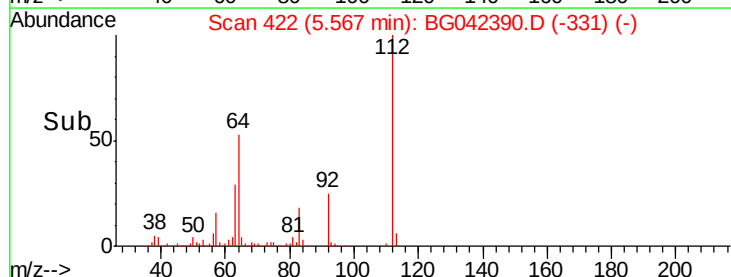
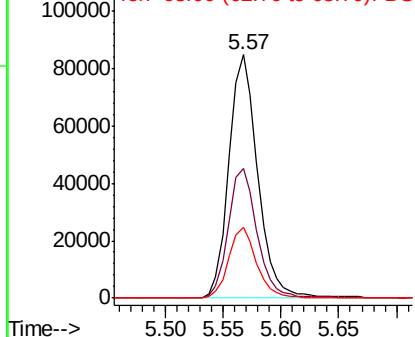
#5

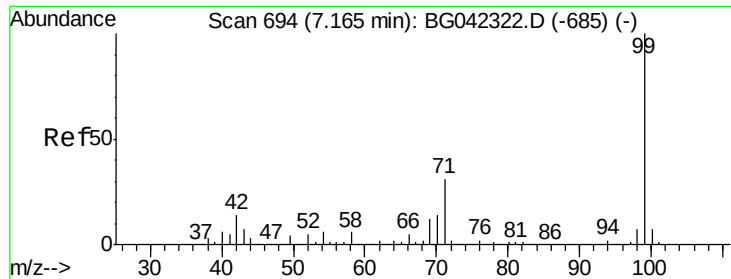
2-Fluorophenol
Concen: 49.731 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042390.D
Acq: 21 Aug 2019 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.5	63.7
63	29.1	21.7	32.5



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: 35.260 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042390.D

Acq: 21 Aug 2019 19:20

Instrument :

BNA_G

ClientSampleId :

0650-ELUTRIATE-COMP-D

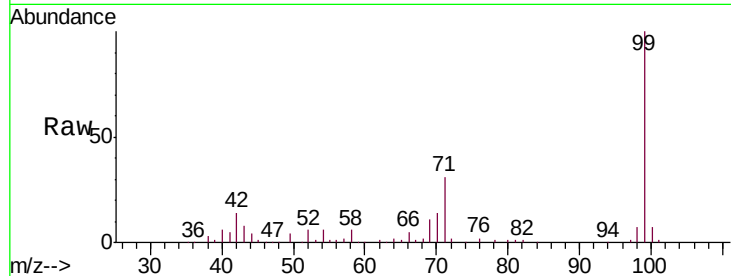
Tot Ion: 99 Resp: 141420

Ion Ratio Lower Upper

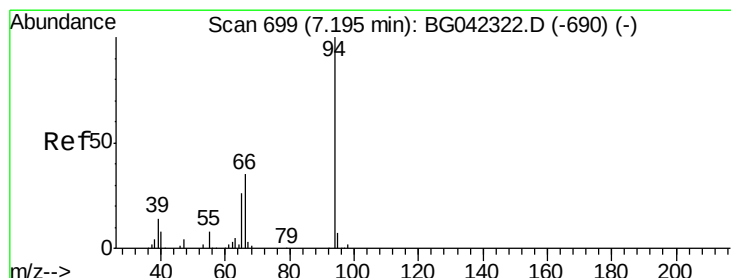
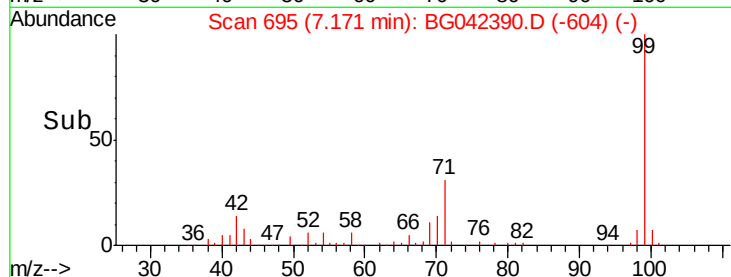
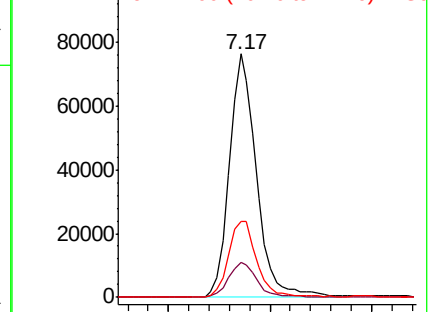
99 100

42 14.4 11.4 17.0

71 31.1 25.1 37.7



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: 2.922 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042390.D

Acq: 21 Aug 2019 19:20

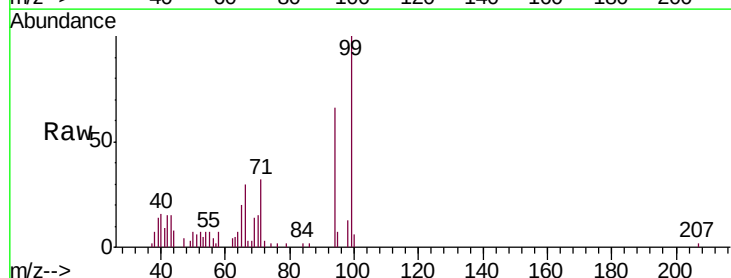
Tgt Ion: 94 Resp: 11917

Ion Ratio Lower Upper

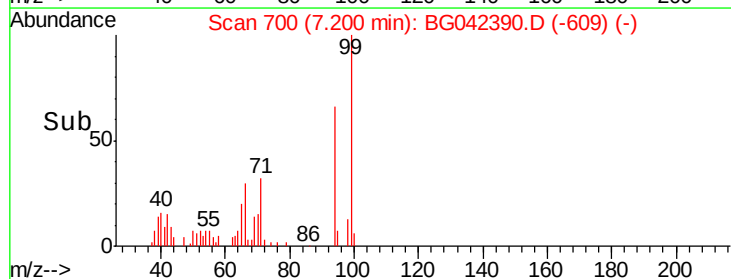
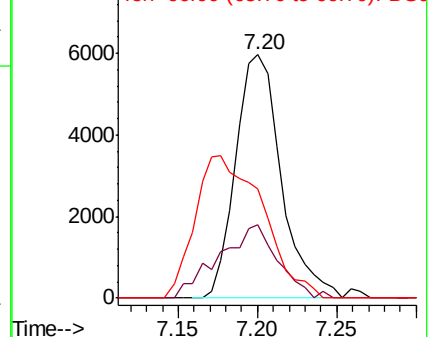
94 100

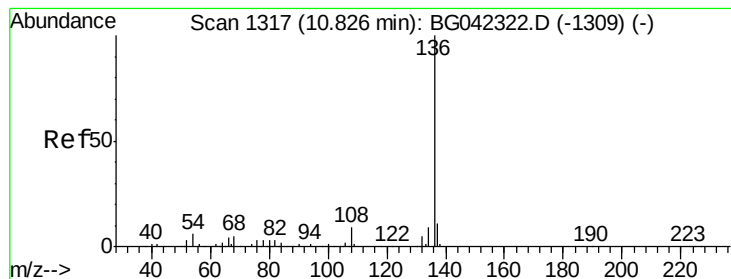
65 30.3 6.1 46.1

66 44.9 15.7 55.7



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: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042390.D

Acq: 21 Aug 2019 19:20

Instrument :

BNA_G

ClientSampleId :

0650-ELUTRIATE-COMP-D

Tot Ion:136 Resp: 241291

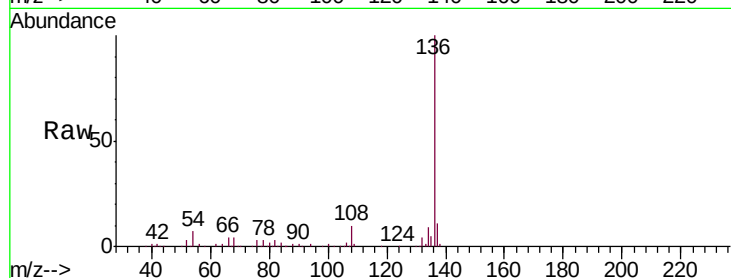
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 6.7 5.0 7.4

68 4.4 3.8 5.8

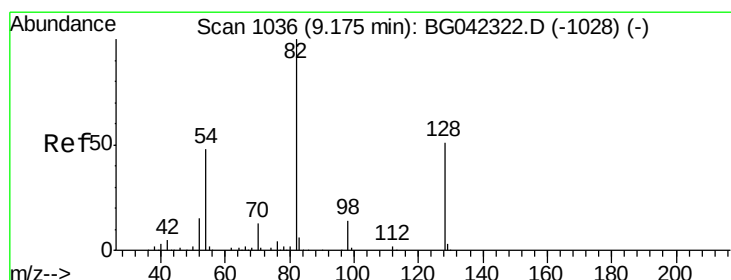
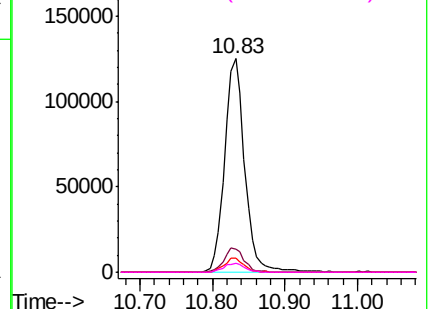
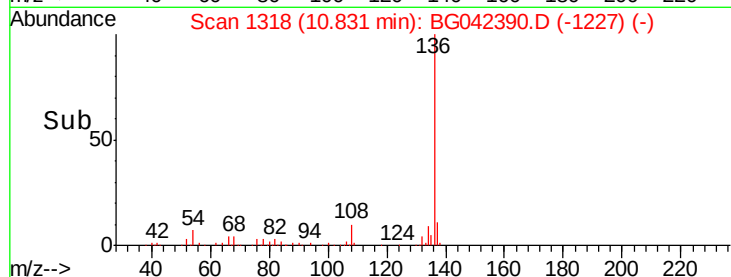


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.709 ng

RT: 9.17 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG042390.D

Acq: 21 Aug 2019 19:20

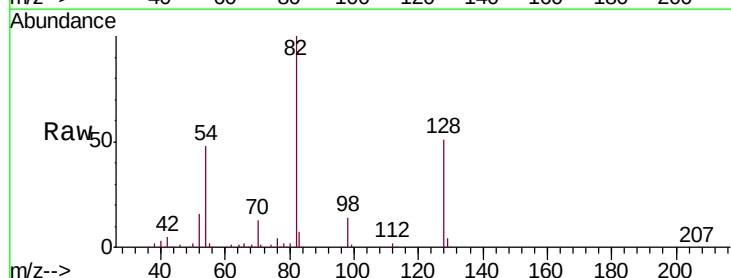
Tgt Ion: 82 Resp: 259734

Ion Ratio Lower Upper

82 100

128 51.4 41.0 61.4

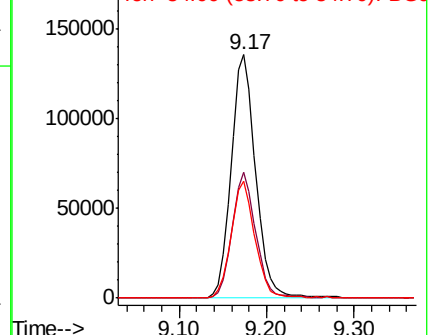
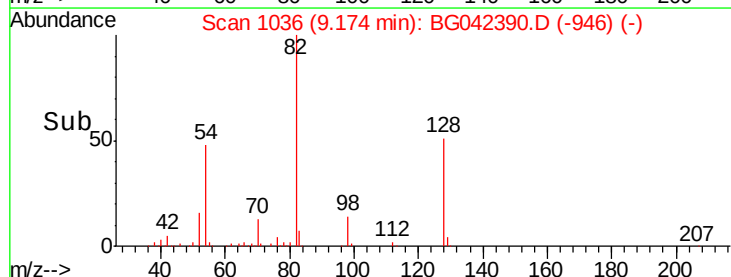
54 47.8 38.0 57.0

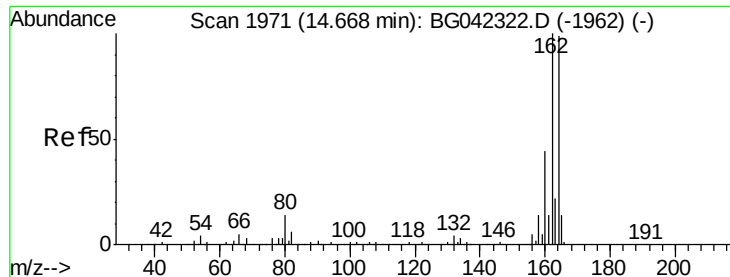


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

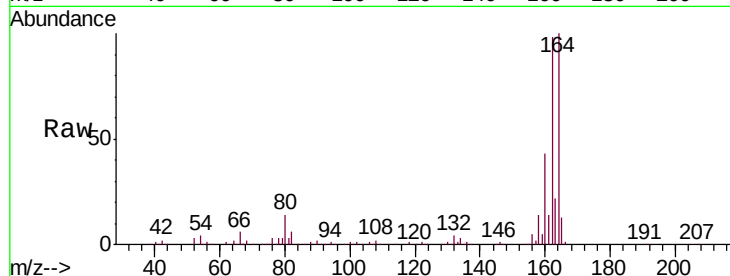




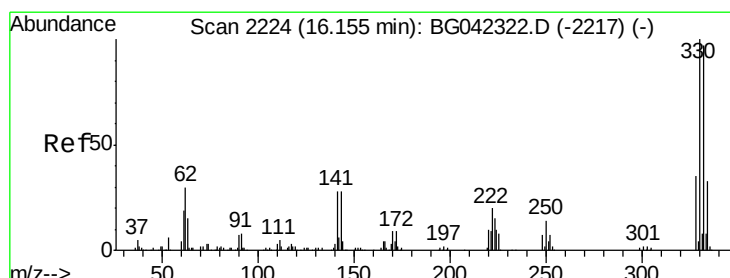
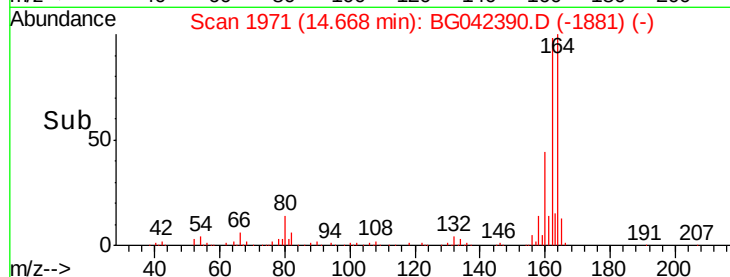
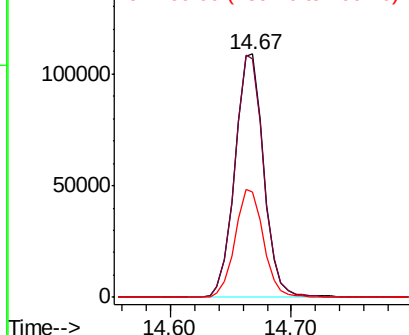
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG042390.D
Acq: 21 Aug 2019 19:20

Instrument :
BNA_G
ClientSampleId :
0650-ELUTRIATE-COMP-D

Tot Ion:164 Resp: 180849
Ion Ratio Lower Upper
164 100
162 97.7 80.6 120.8
160 43.2 35.7 53.5

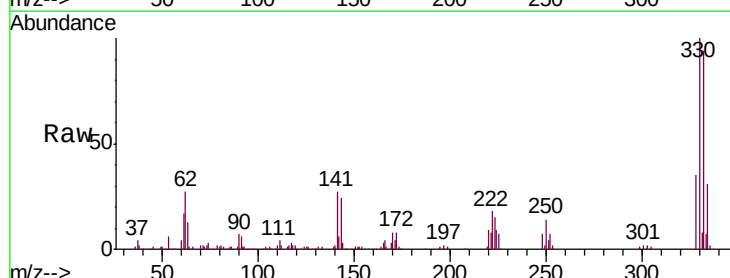


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

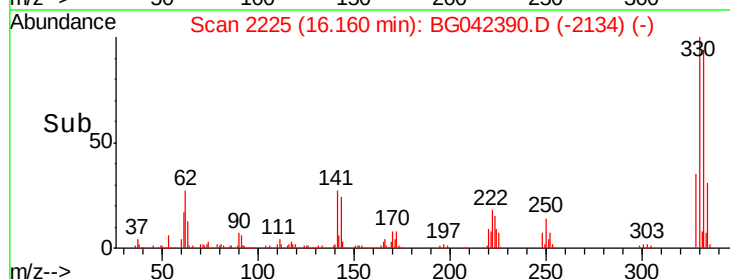
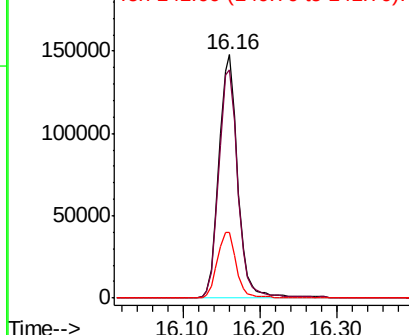


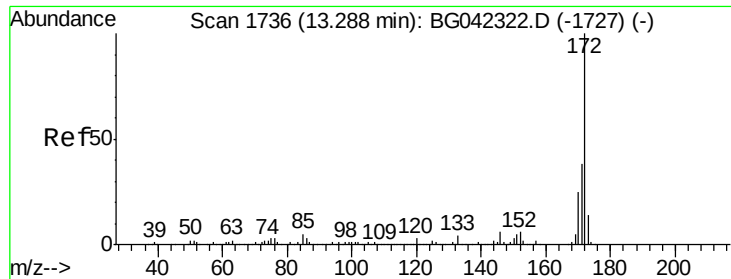
#42
2,4,6-Tribromophenol
Concen: 101.623 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042390.D
Acq: 21 Aug 2019 19:20

Tgt Ion:330 Resp: 250310
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 27.3 21.8 32.6



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

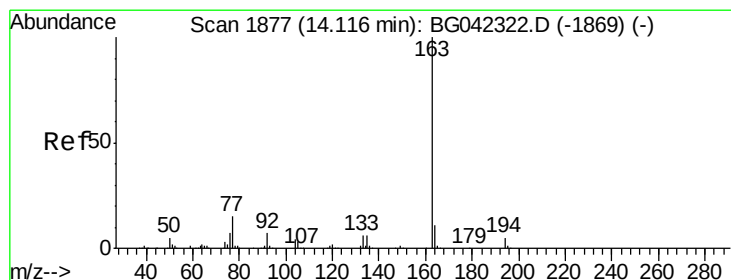
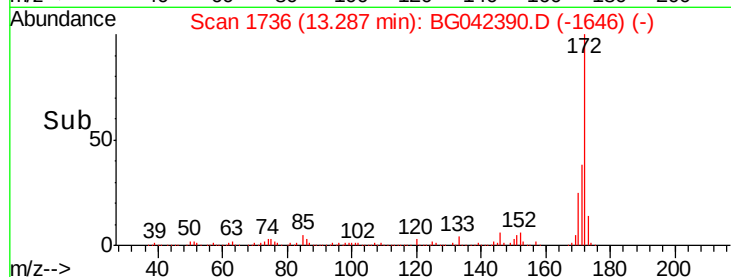
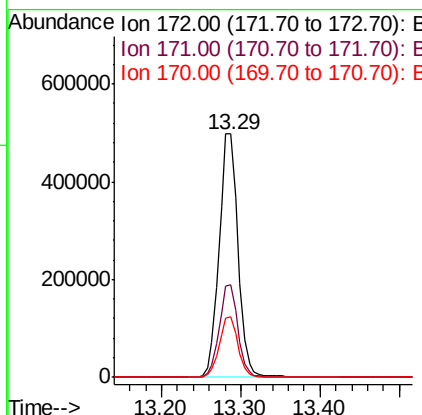
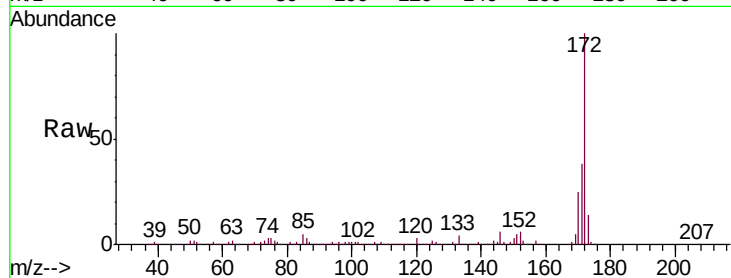




#45
2-Fluorobiphenyl
Concen: 77.181 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG042390.D
Acq: 21 Aug 2019 19:20

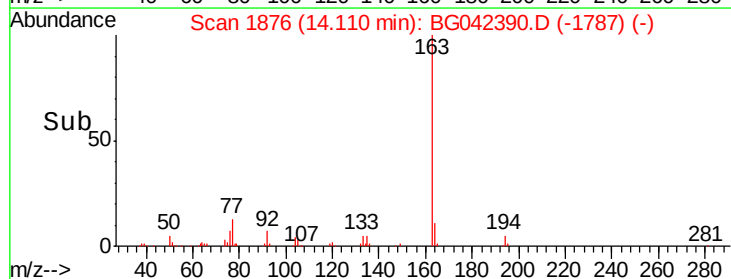
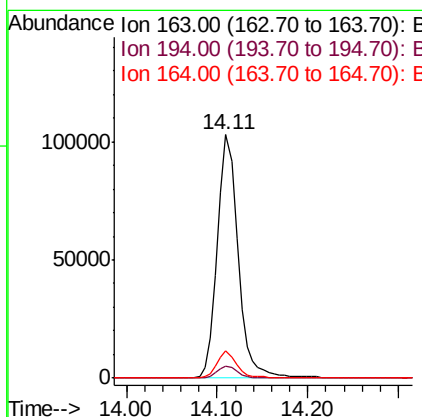
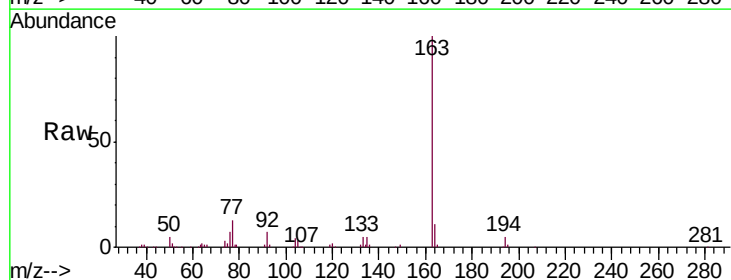
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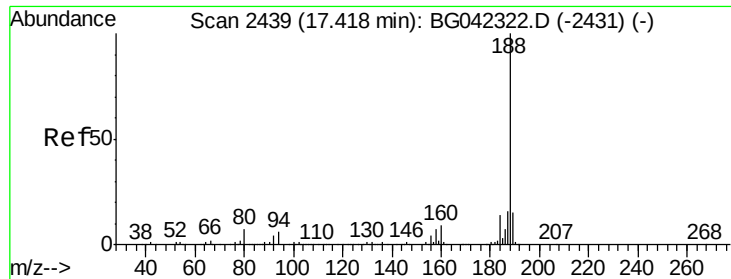
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.3	45.5
170	25.1	20.0	30.0



#50
Dimethylphthalate
Concen: 12.850 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042390.D
Acq: 21 Aug 2019 19:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	11.0	8.8	13.2

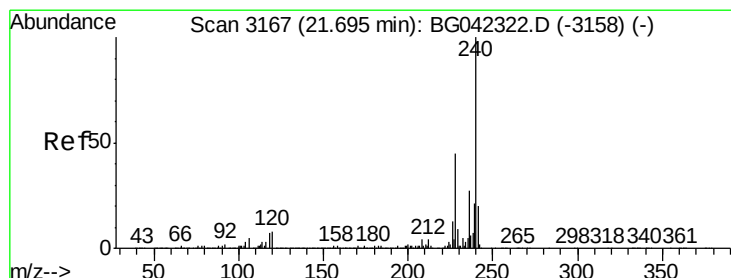
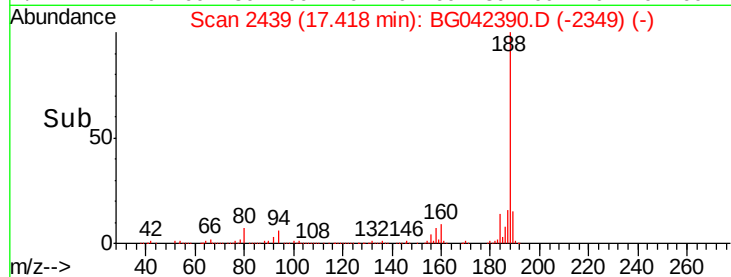
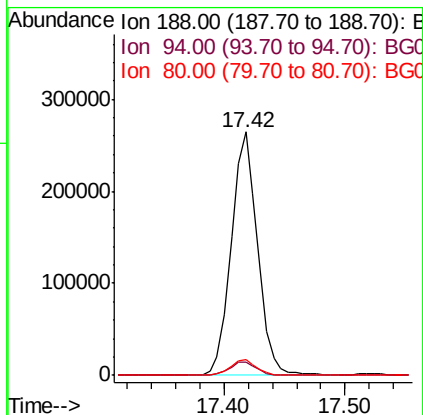
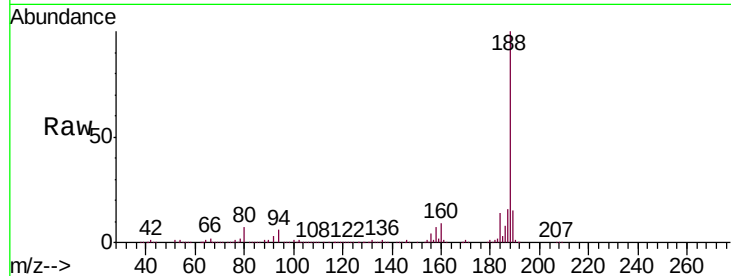




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG042390.D
 Acq: 21 Aug 2019 19:20

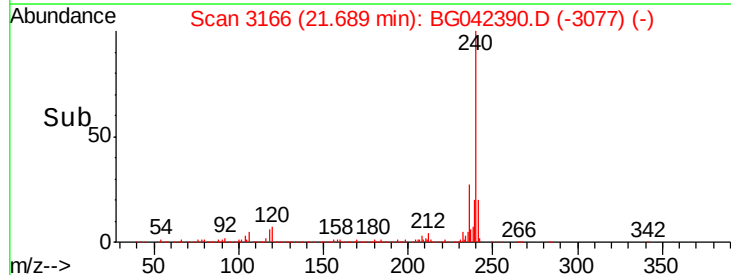
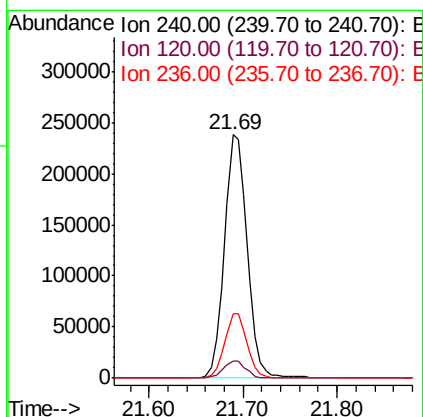
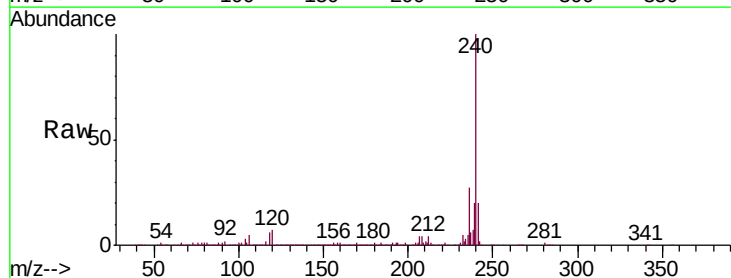
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 0650-ELUTRIATE-COMP-D

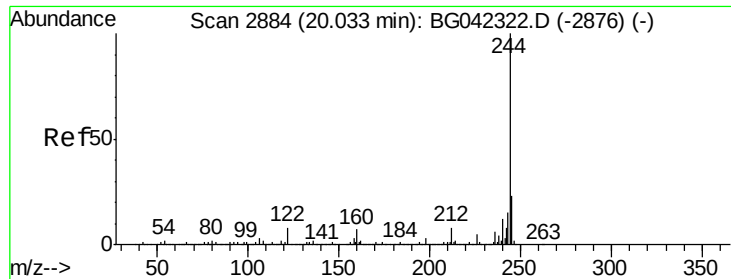
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.9	7.3
80	6.5	5.4	8.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042390.D
 Acq: 21 Aug 2019 19:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.0	9.0
236	26.7	21.6	32.4





#79

Terphenyl-d14

Concen: 70.114 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042390.D

Acq: 21 Aug 2019 19:20

Instrument :

BNA_G

ClientSampleId :

0650-ELUTRIATE-COMP-D

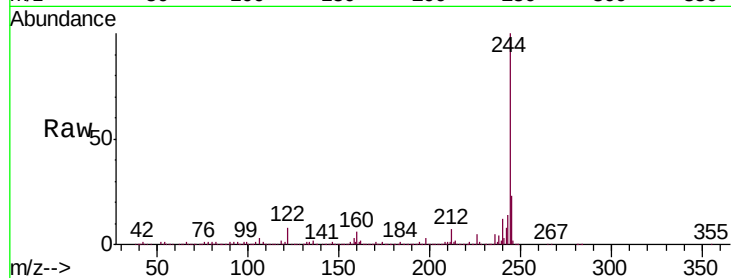
Tot Ion:244 Resp: 1283193

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

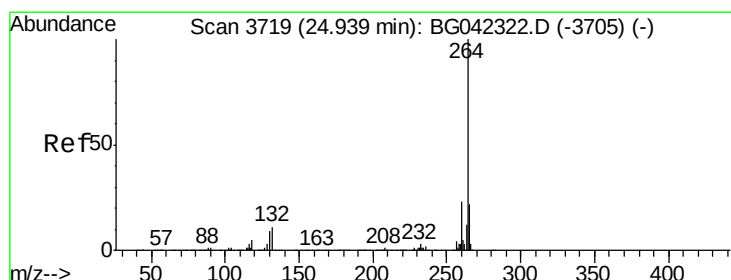
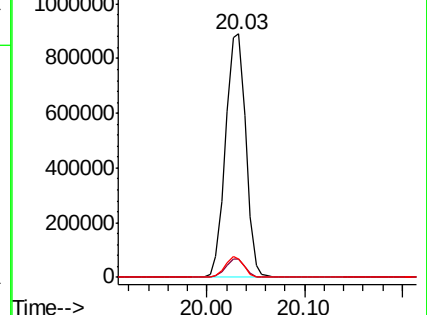
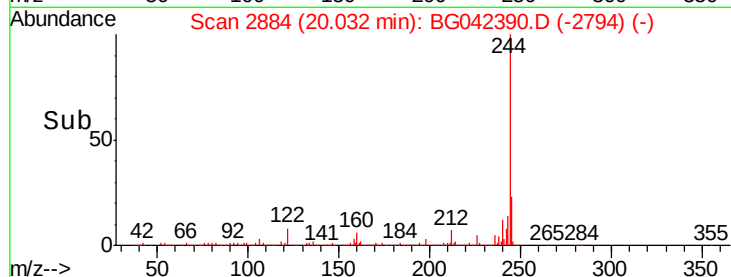
122 7.5 6.6 10.0



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: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042390.D

Acq: 21 Aug 2019 19:20

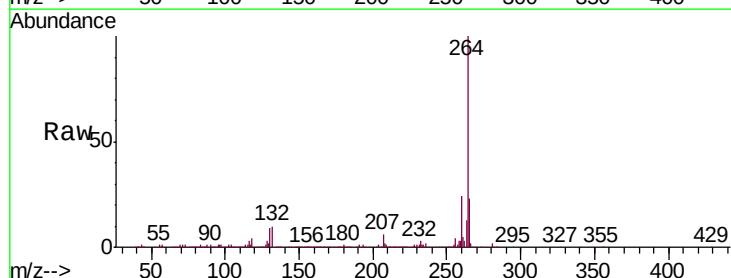
Tgt Ion:264 Resp: 468053

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.9 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

