

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG082519\
 Data File : BG042472.D
 Acq On : 25 Aug 2019 11:19
 Operator : HP/JU
 Sample : K4450-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 07:07:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

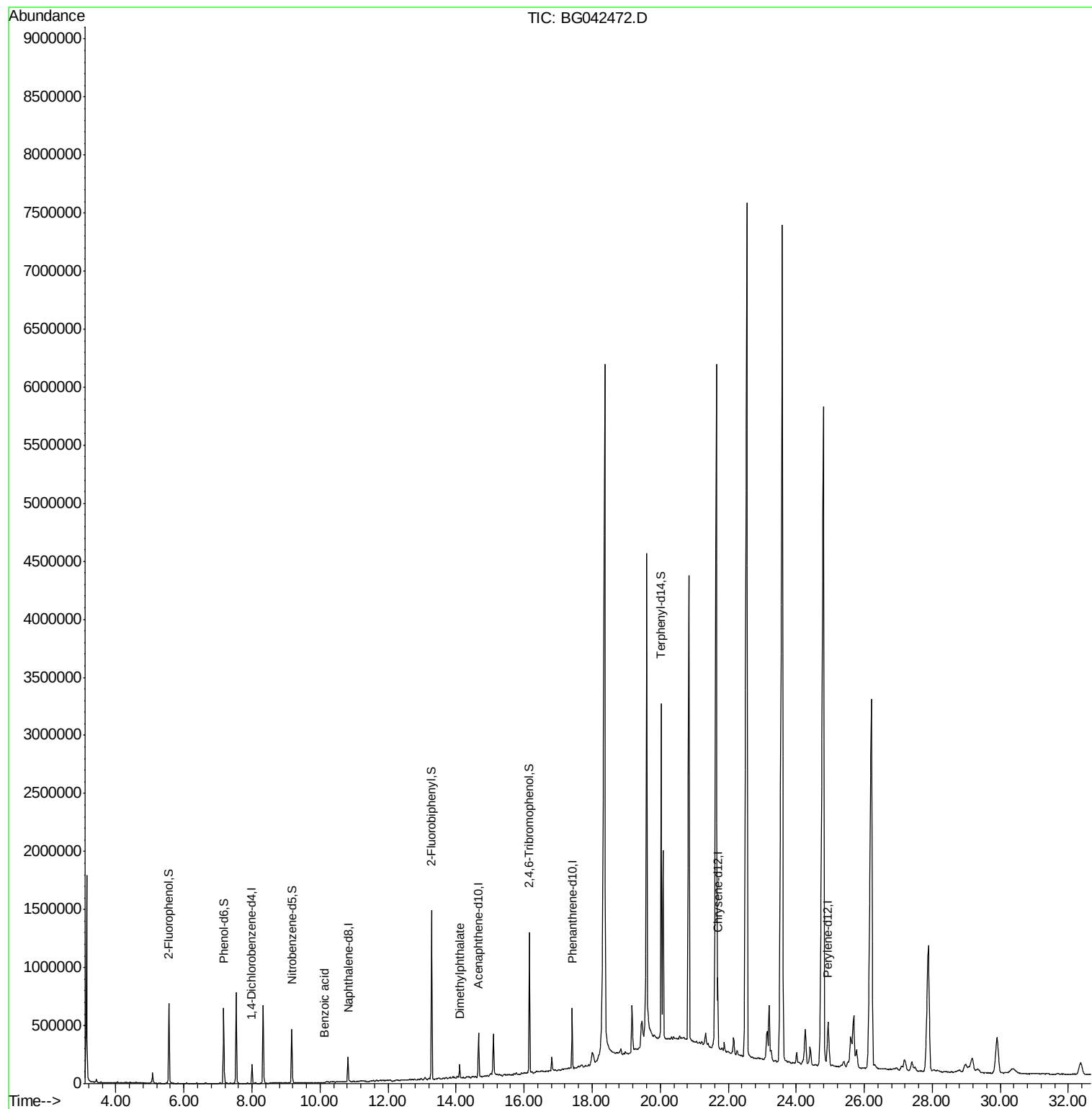
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	53283	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	204373	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	147810	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	338835	20.00	ng	0.00
76) Chrysene-d12	21.69	240	364719	20.00	ng	0.00
87) Perylene-d12	24.93	264	433147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	343348	130.51	ng	0.00
7) Phenol-d6	7.17	99	434863	122.37	ng	0.00
23) Nitrobenzene-d5	9.17	82	297106	100.46	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	283970	135.17	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	847335	96.95	ng	0.00
79) Terphenyl-d14	20.03	244	1494001	88.56	ng	0.00
Target Compounds						
32) Benzoic acid	10.13	122	5808m	10.738	ng	Qvalue 97
50) Dimethylphthalate	14.10	163	85630	8.029	ng	

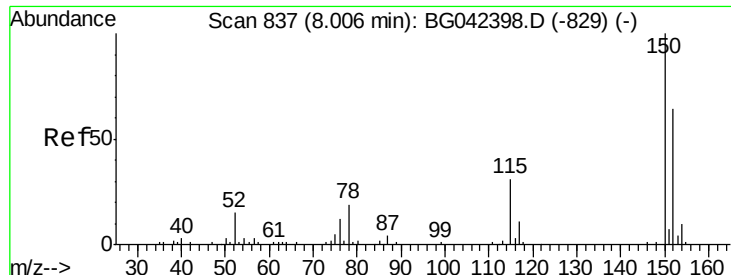
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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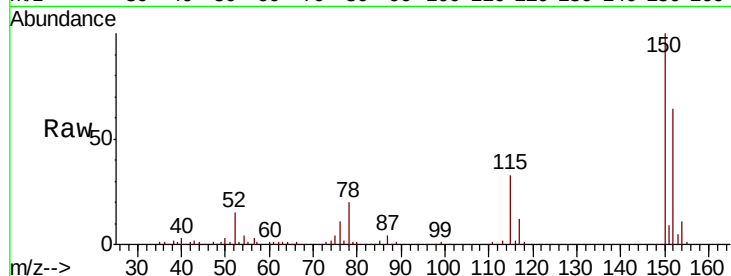


#1

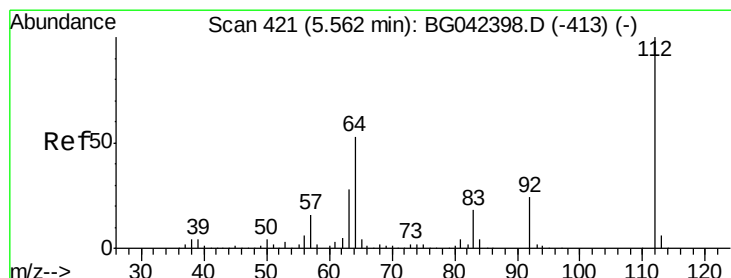
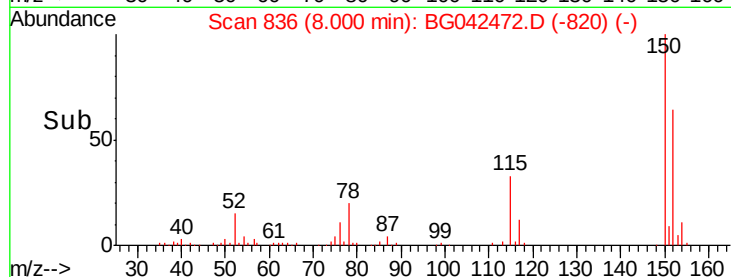
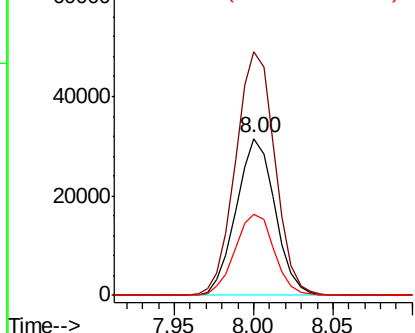
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042472.D
 Acq: 25 Aug 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.4	188.0
115	51.9	38.5	57.7



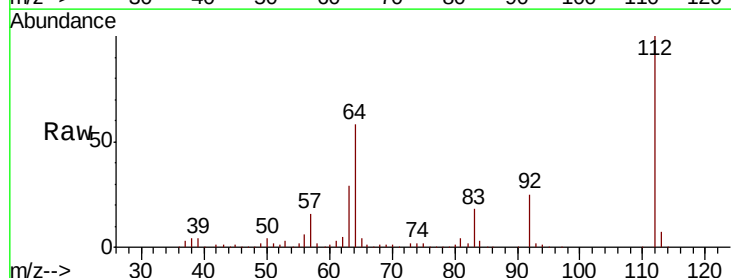
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



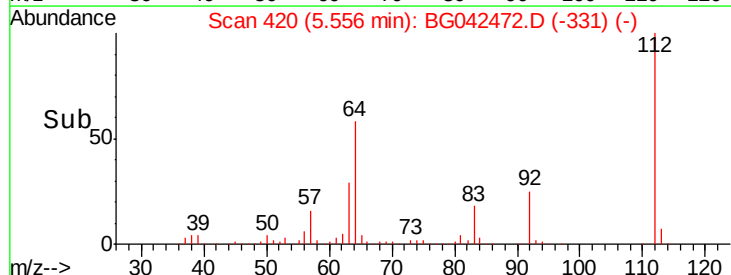
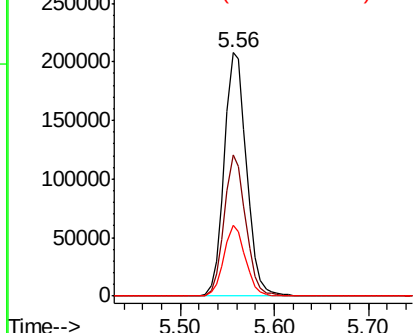
#5

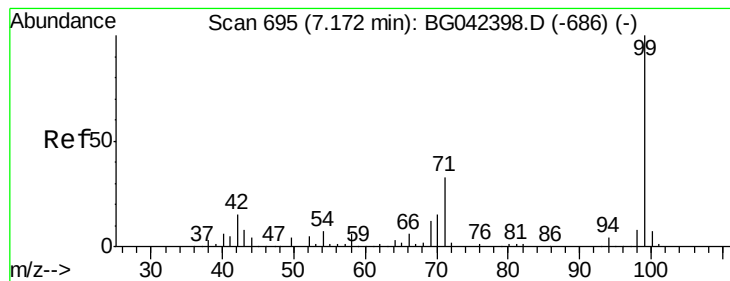
2-Fluorophenol
 Concen: 130.507 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042472.D
 Acq: 25 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.8	64.2
63	29.3	22.7	34.1



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: 122.368 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

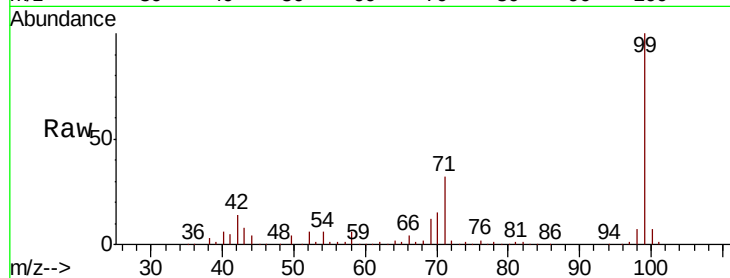
Tot Ion: 99 Resp: 434863

Ion Ratio Lower Upper

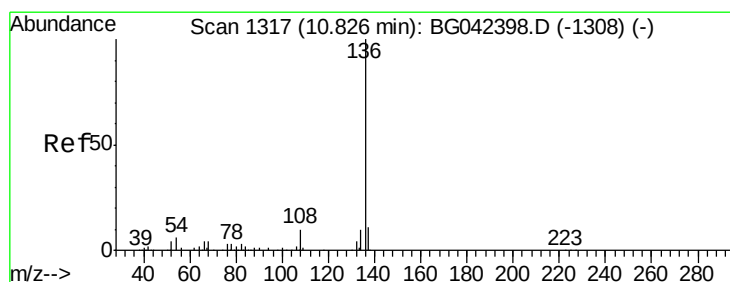
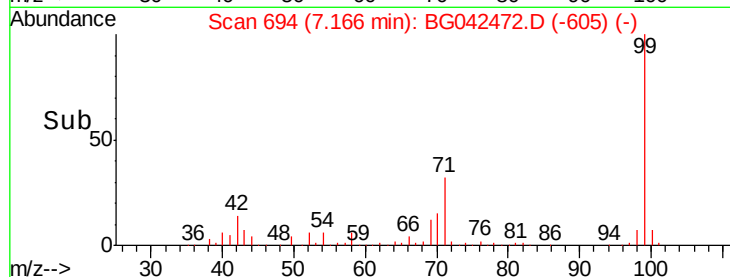
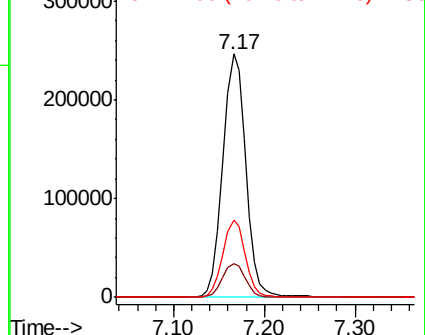
99 100

42 13.9 12.0 18.0

71 32.0 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

Tgt Ion: 136 Resp: 204373

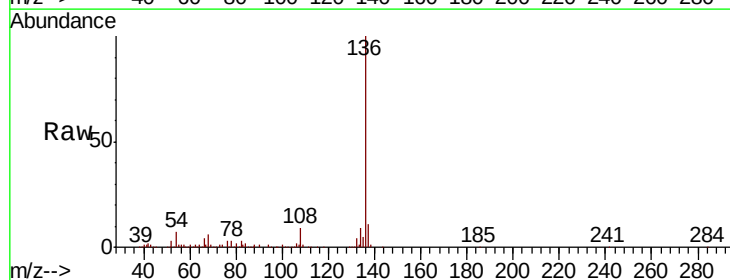
Ion Ratio Lower Upper

136 100

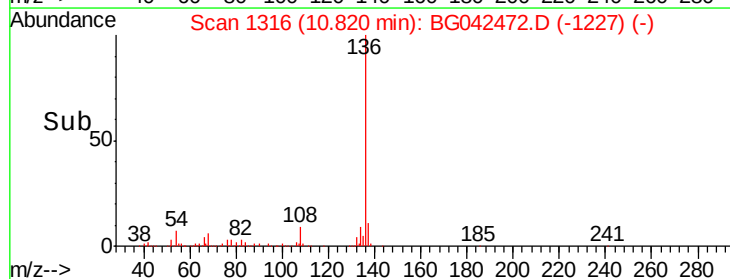
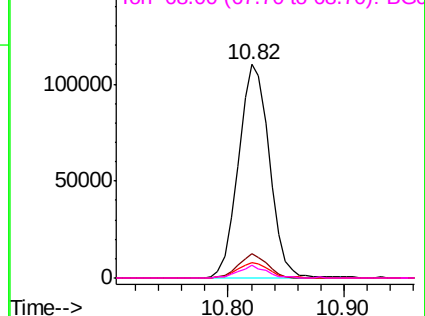
137 11.3 8.7 13.1

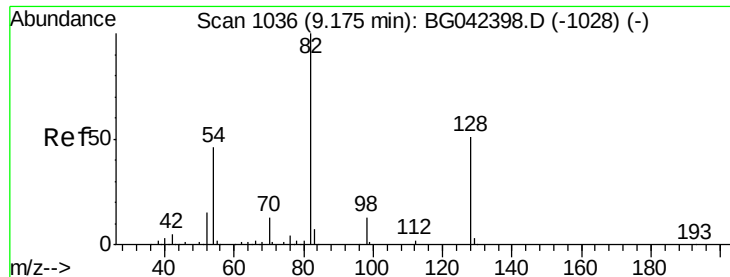
54 7.3 4.9 7.3#

68 5.9 3.6 5.4#



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

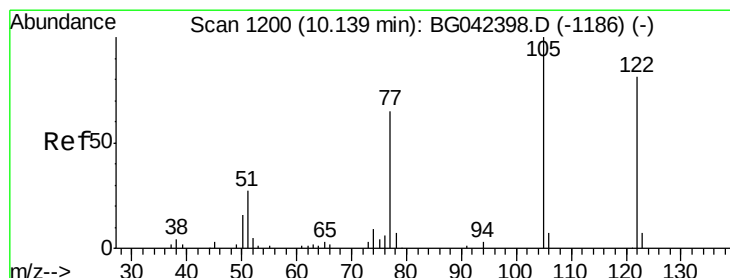
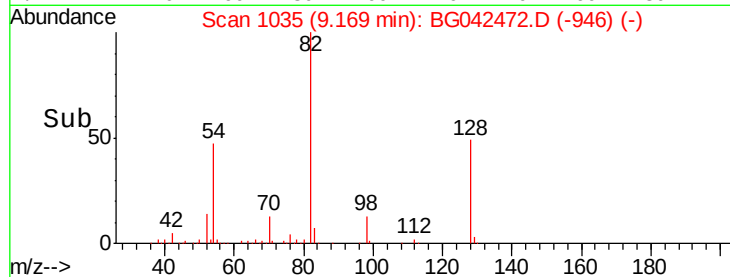
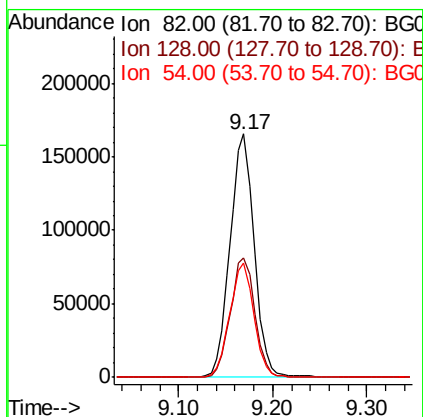
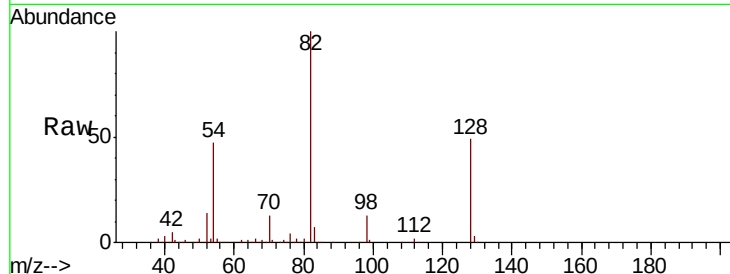




#23
 Nitrobenzene-d5
 Concen: 100.459 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042472.D
 Acq: 25 Aug 2019 11:19

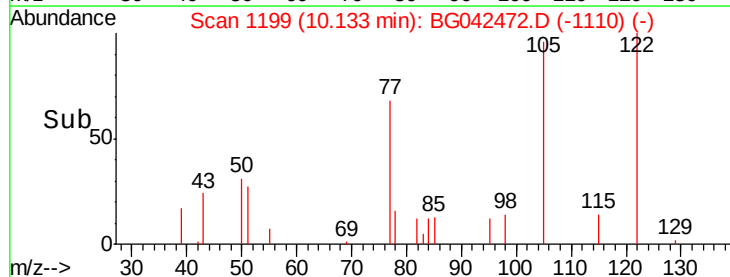
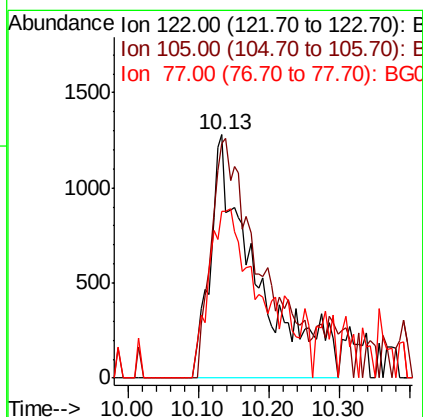
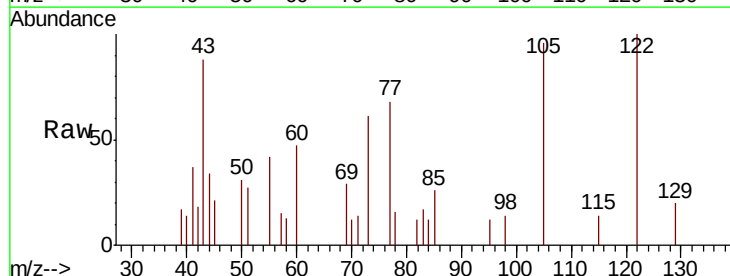
Instrument :
 BNA_G
 ClientSampleId :

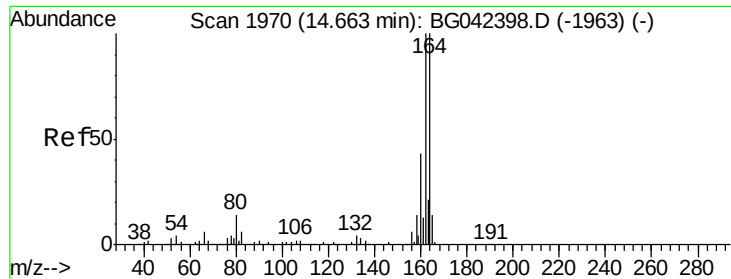
Tot Ion	82	Resp	297106
Ion Ratio	Lower	Upper	
82	100		
128	49.0	40.7	61.1
54	46.8	36.3	54.5



#32
 Benzoic acid
 Concen: 10.738 ng m
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG042472.D
 Acq: 25 Aug 2019 11:19

Tgt Ion	122	Resp	5808
Ion Ratio	Lower	Upper	
122	100		
105	96.4	99.6	139.6#
77	68.4	59.5	99.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

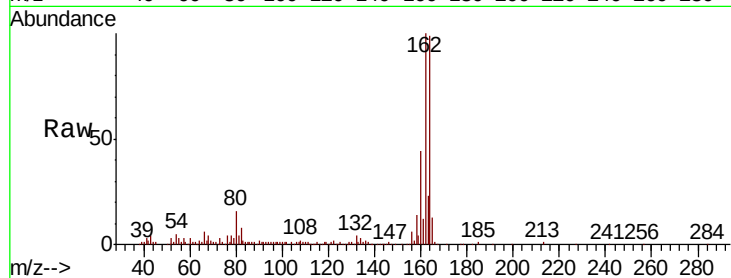
Tot Ion:164 Resp: 147810

Ion Ratio Lower Upper

164 100

162 100.8 79.9 119.9

160 44.0 34.3 51.5

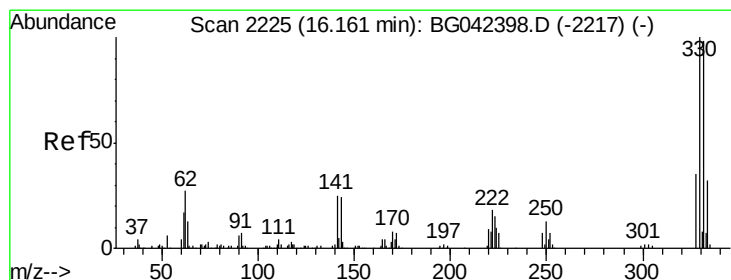
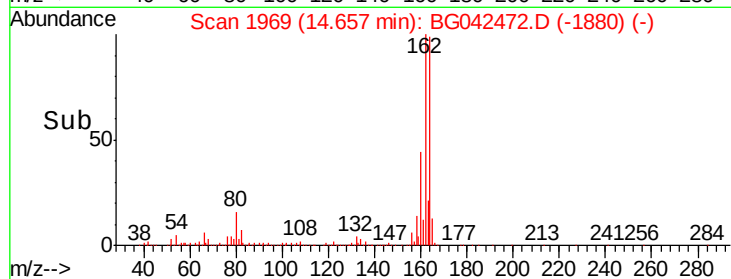
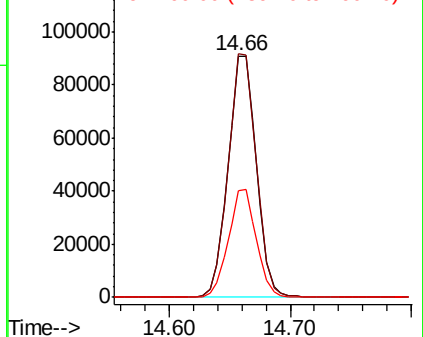


Abundance

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: 135.167 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

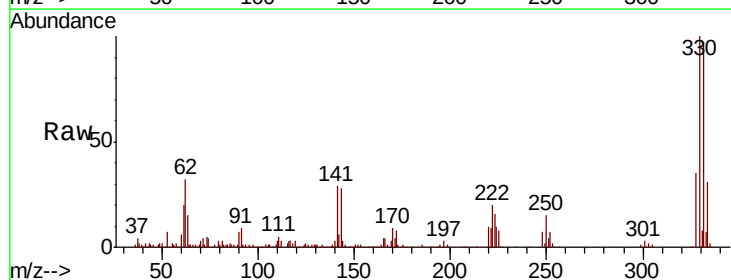
Tgt Ion:330 Resp: 283970

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 30.0 21.4 32.0

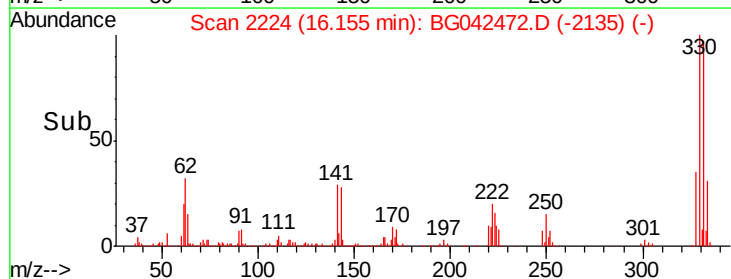
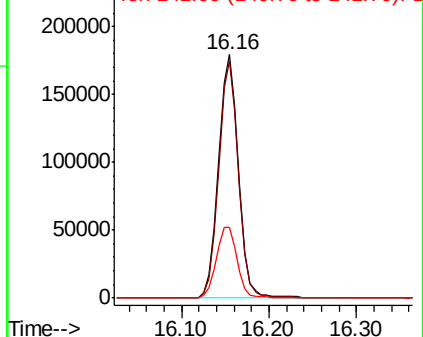


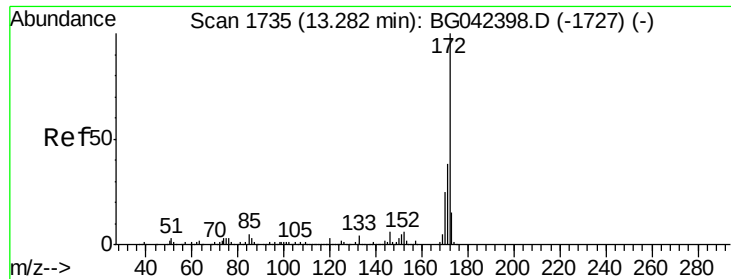
Abundance

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

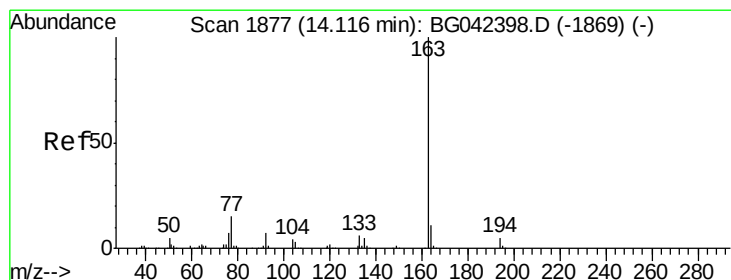
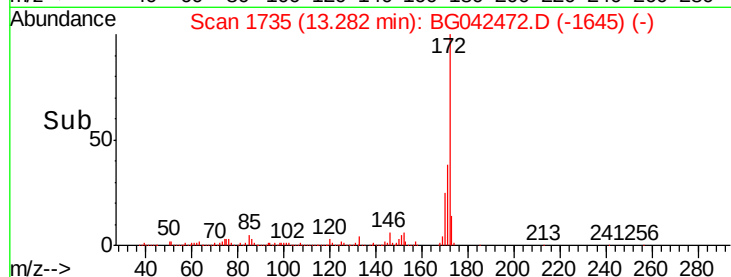
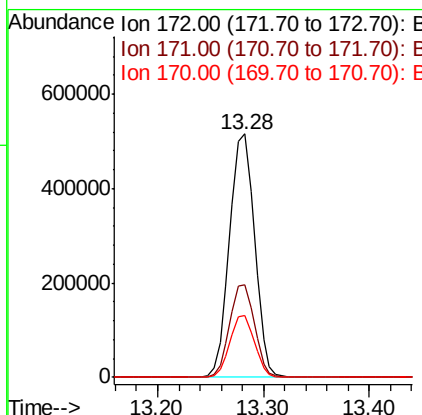
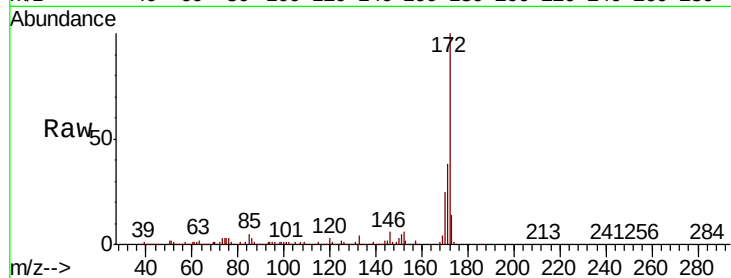




#45
2-Fluorobiphenyl
Concen: 96.954 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

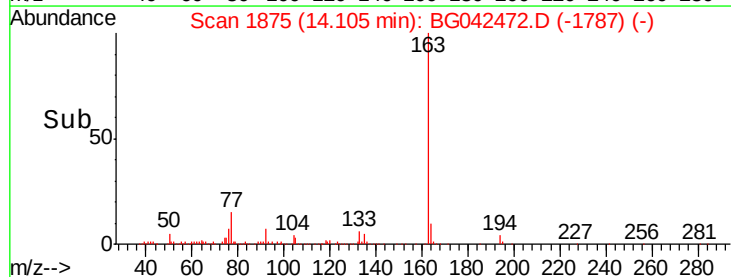
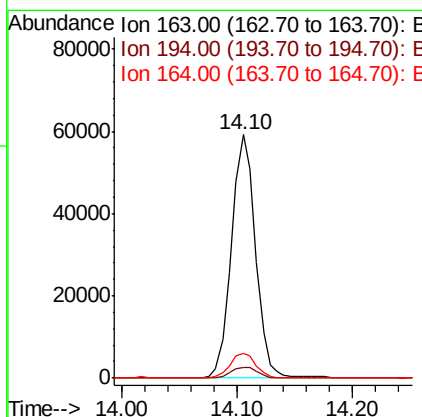
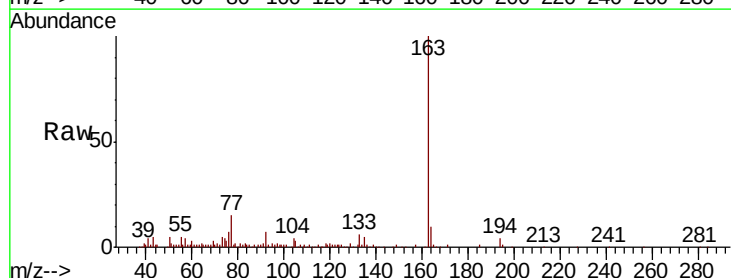
Instrument :
BNA_G
ClientSampleId :

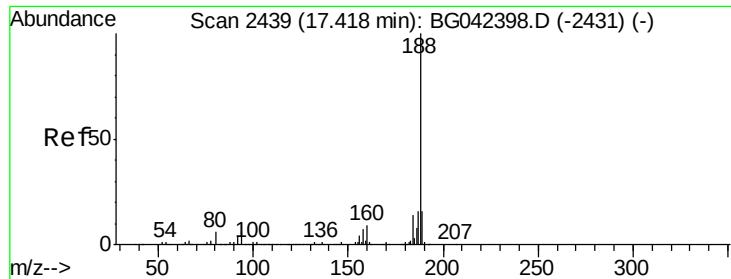
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.4	20.2	30.2



#50
Dimethylphthalate
Concen: 8.029 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.2
164	10.0	8.8	13.2

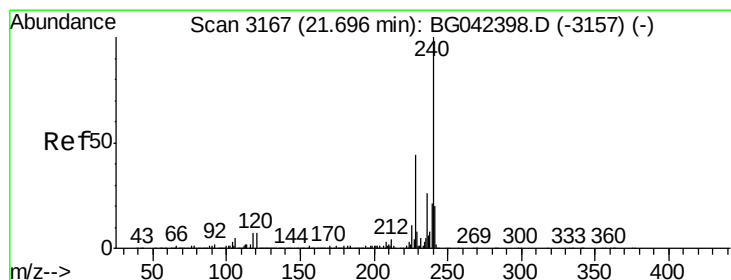
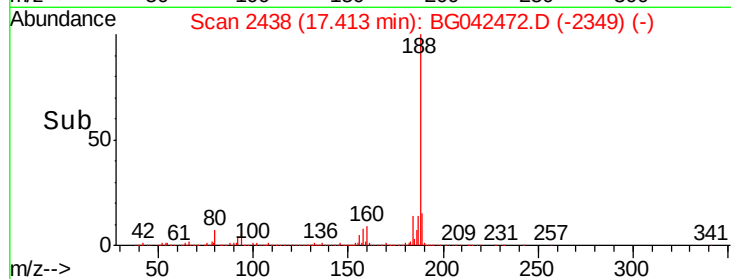
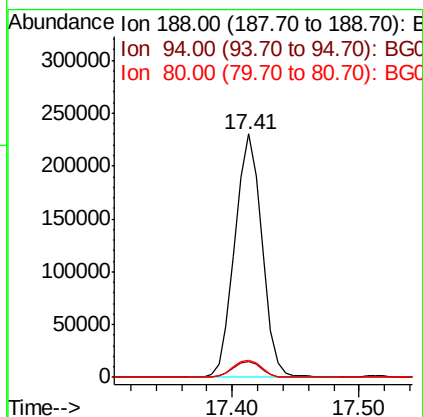
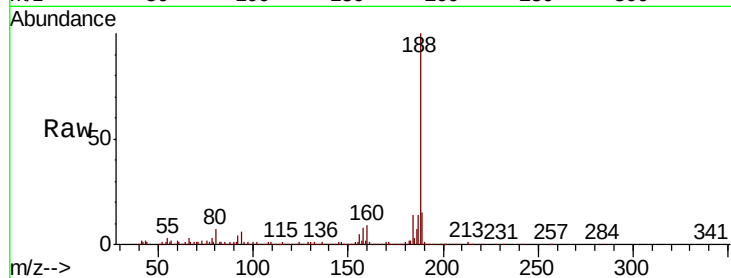




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

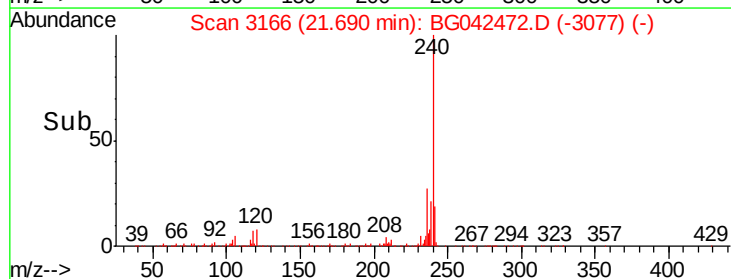
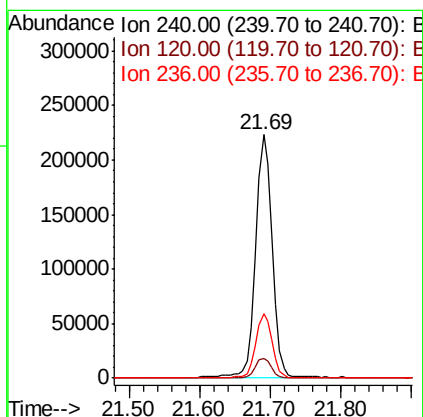
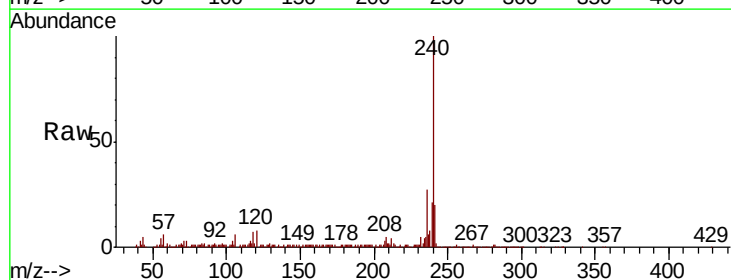
Instrument :
BNA_G
ClientSampleId :

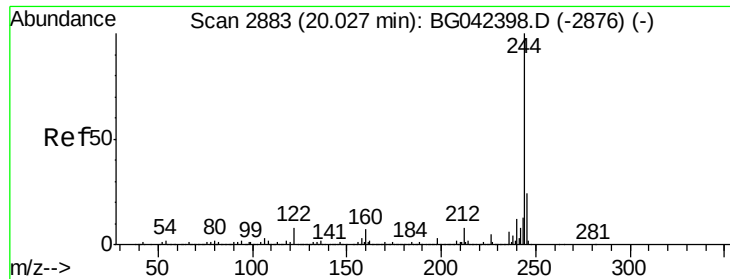
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.5	6.7
80	7.1	4.9	7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.7	8.5
236	26.7	21.0	31.4





#79

Terphenyl-d14

Concen: 88.559 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

Instrument :

BNA_G

ClientSampled :

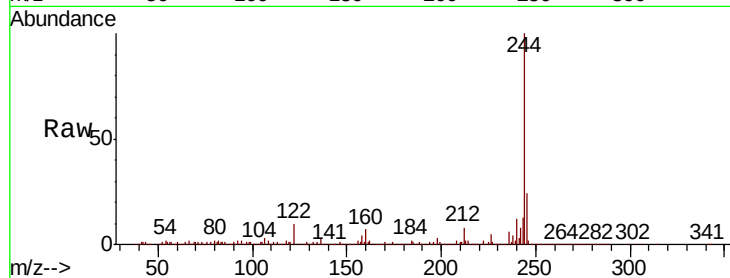
Tot Ion:244 Resp: 1494001

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

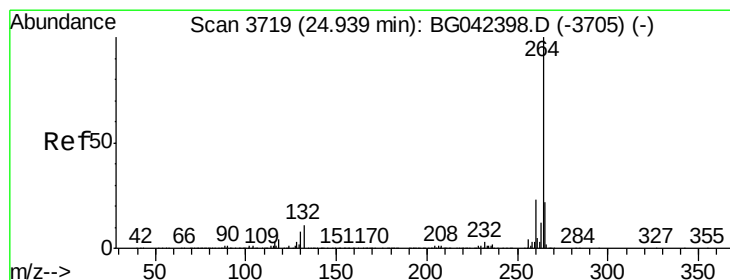
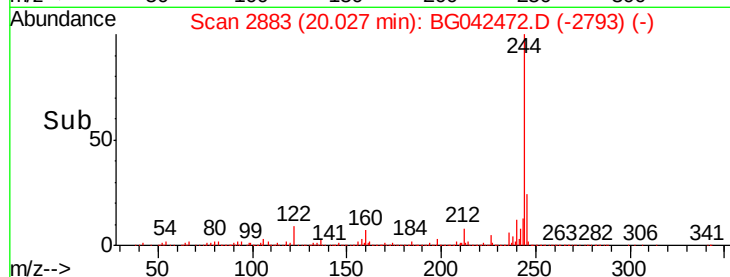
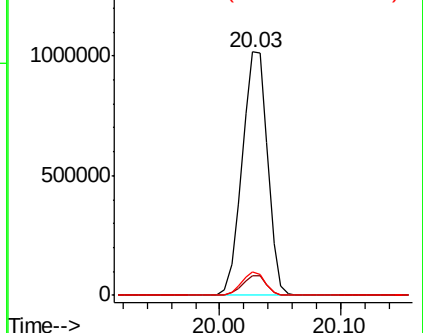
122 9.5 6.7 10.1



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

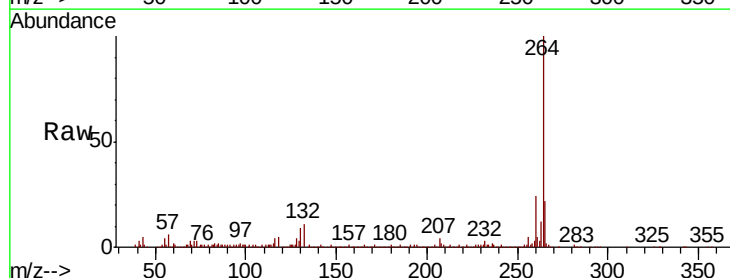
Tgt Ion:264 Resp: 433147

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 22.1 17.6 26.4



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

