

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042543.D
 Acq On : 28 Aug 2019 21:53
 Operator : HP/JU
 Sample : K4536-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-30-32

Quant Time: Aug 29 07:35:58 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

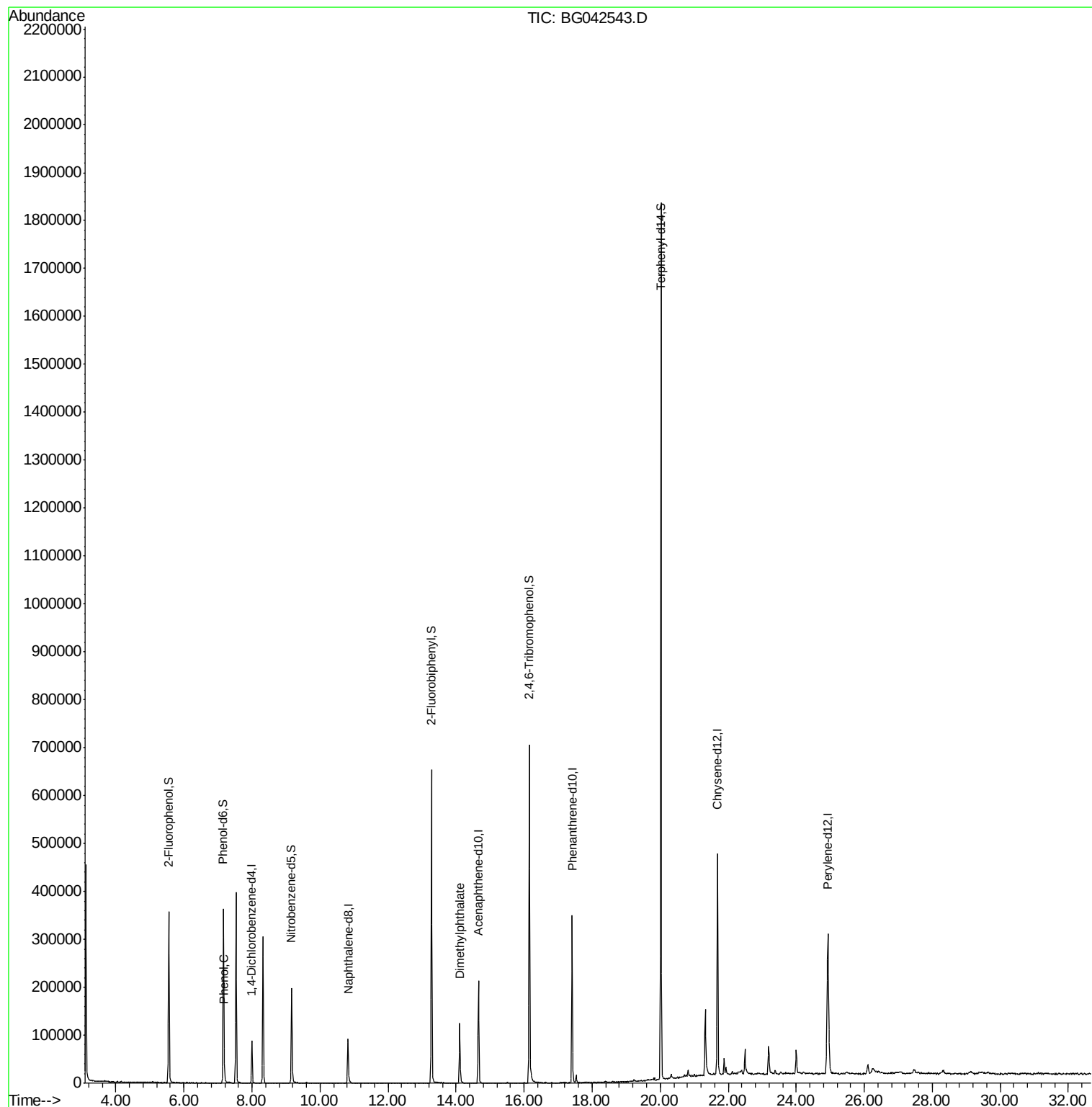
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29501	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	110784	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	89635	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	257263	20.00	ng	0.00
76) Chrysene-d12	21.68	240	308726	20.00	ng	-0.01
87) Perylene-d12	24.93	264	362694	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	187912	129.00	ng	0.00
7) Phenol-d6	7.16	99	248599	126.35	ng	-0.01
23) Nitrobenzene-d5	9.16	82	135400	84.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	200746	157.57	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	413069	77.94	ng	0.00
79) Terphenyl-d14	20.02	244	978978	68.56	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5735	2.867	ng	81
50) Dimethylphthalate	14.10	163	124732	19.286	ng	100

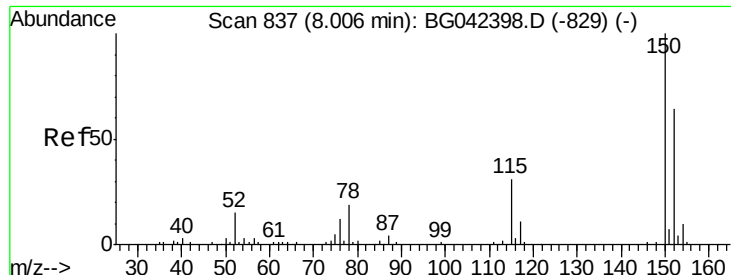
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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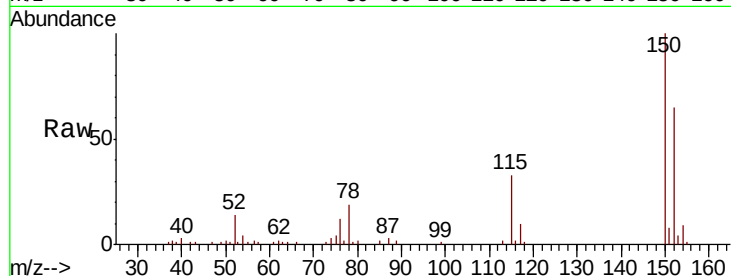


#1

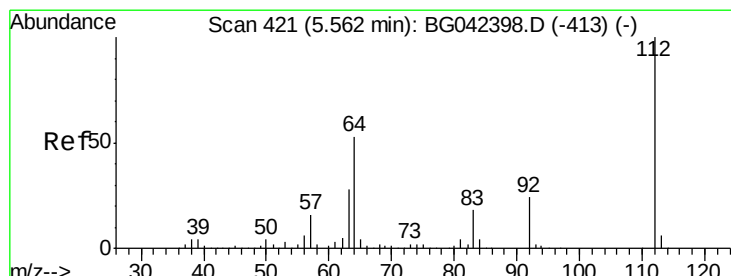
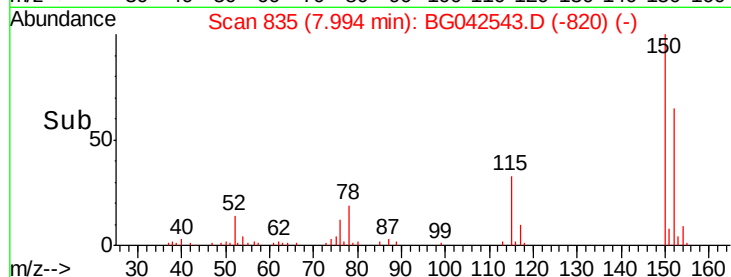
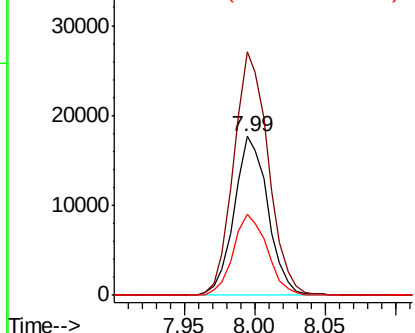
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

Instrument :
BNA_G
ClientSampled :
SB-1-30-32

Tot Ion:152 Resp: 29501
Ion Ratio Lower Upper
152 100
150 153.5 125.4 188.0
115 50.9 38.5 57.7



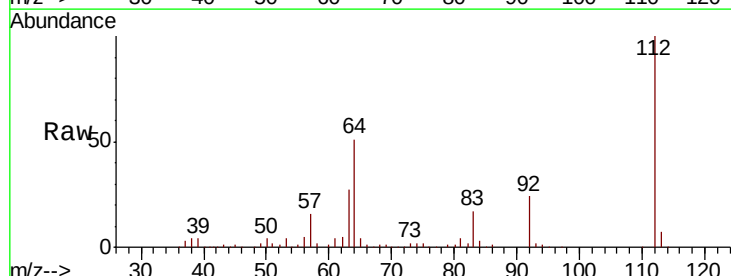
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



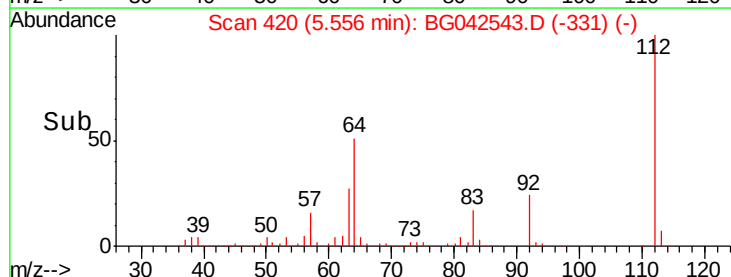
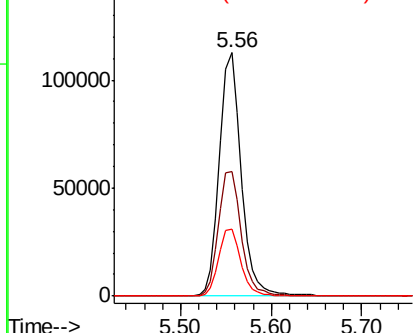
#5

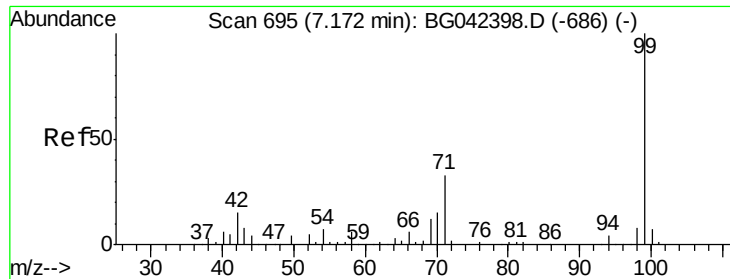
2-Fluorophenol
Concen: 129.005 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

Tgt Ion:112 Resp: 187912
Ion Ratio Lower Upper
112 100
64 51.3 42.8 64.2
63 27.3 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: 126.348 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampleId :

SB-1-30-32

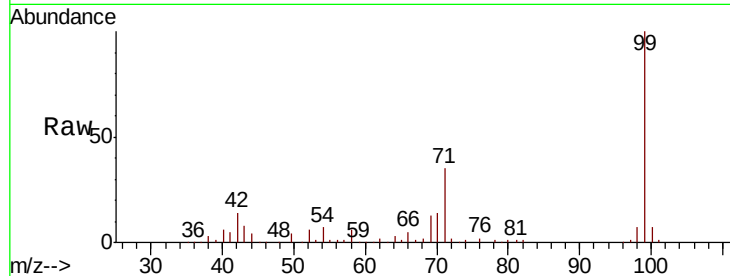
Tot Ion: 99 Resp: 248599

Ion Ratio Lower Upper

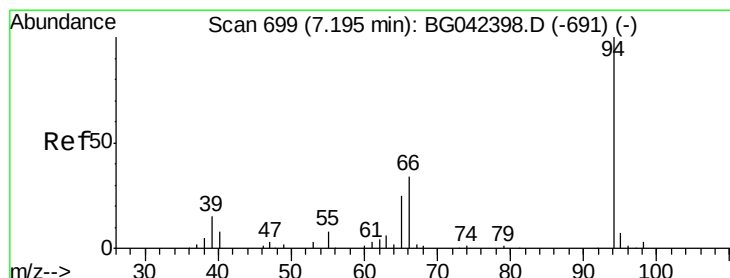
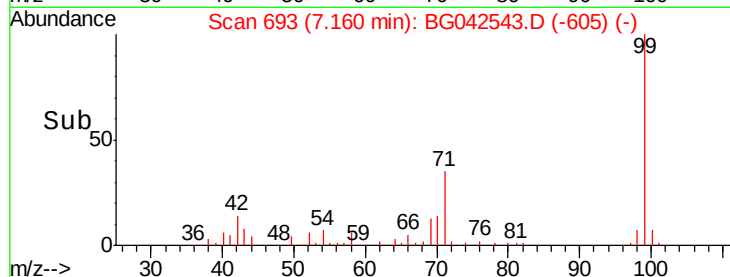
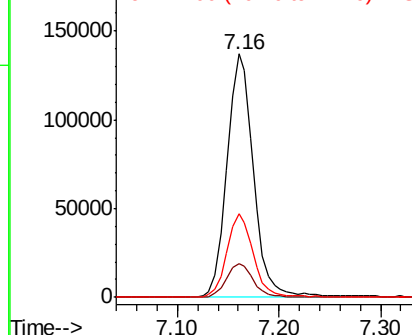
99 100

42 13.7 12.0 18.0

71 34.5 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



#10

Phenol

Concen: 2.867 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

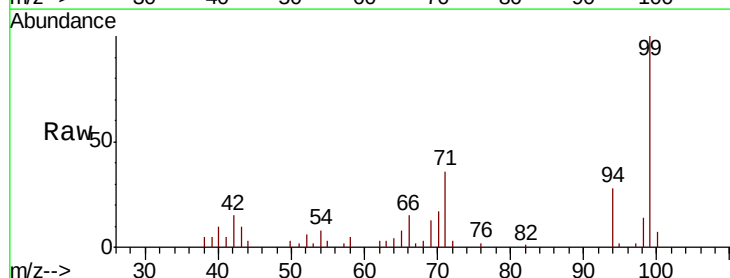
Tgt Ion: 94 Resp: 5735

Ion Ratio Lower Upper

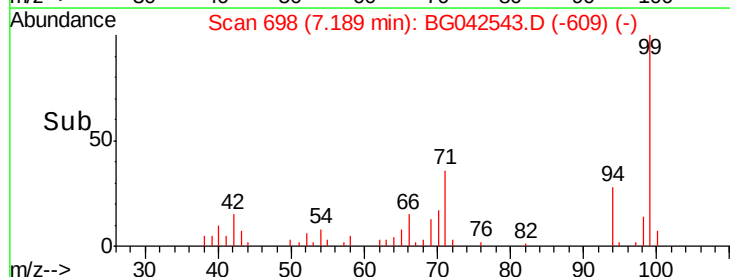
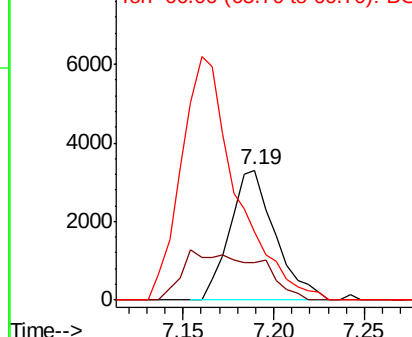
94 100

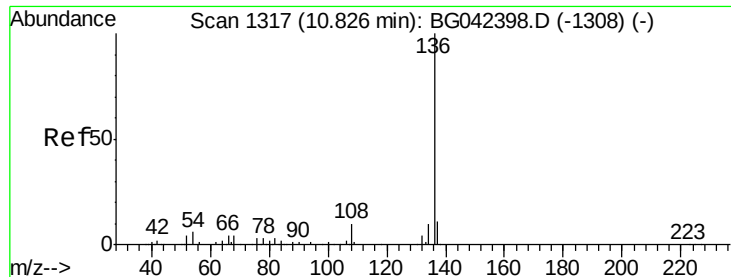
65 29.1 5.6 45.6

66 52.7 16.0 56.0



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampleId :

SB-1-30-32

Tot Ion:136 Resp: 110784

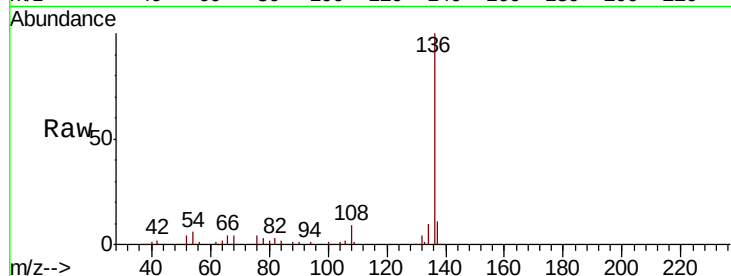
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.3 4.9 7.3

68 3.6 3.6 5.4

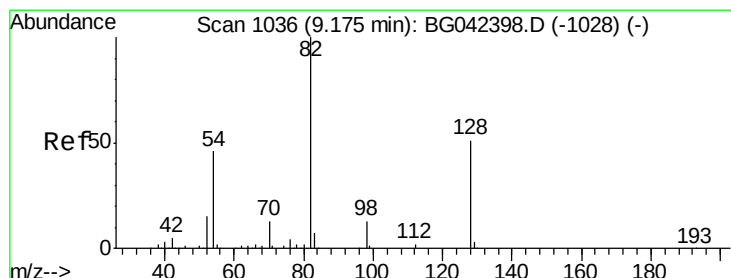
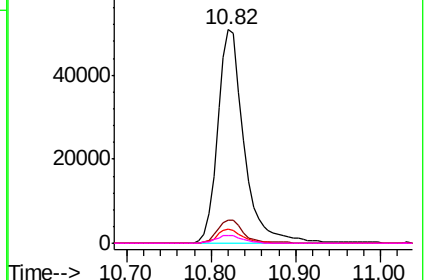
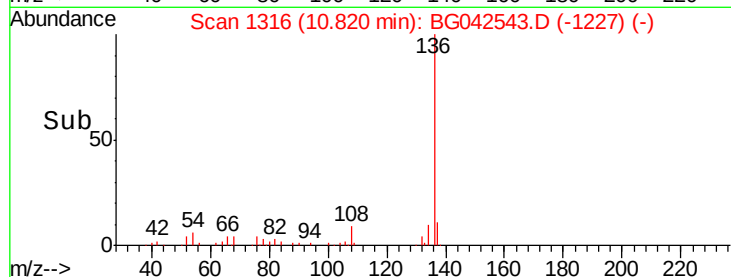


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.459 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

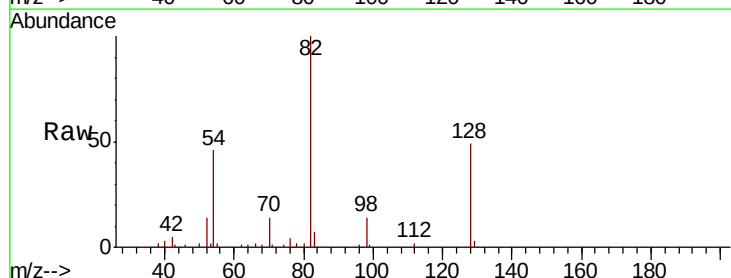
Tgt Ion: 82 Resp: 135400

Ion Ratio Lower Upper

82 100

128 48.7 40.7 61.1

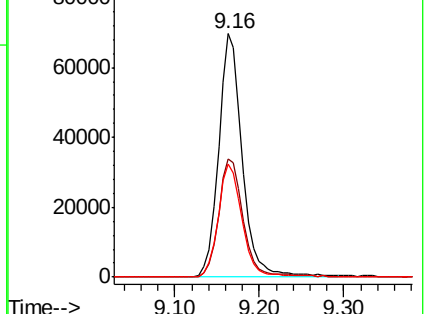
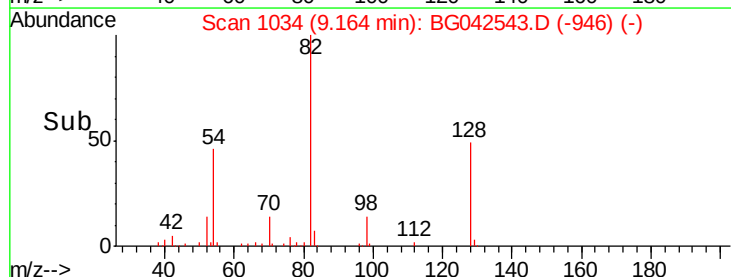
54 46.2 36.3 54.5

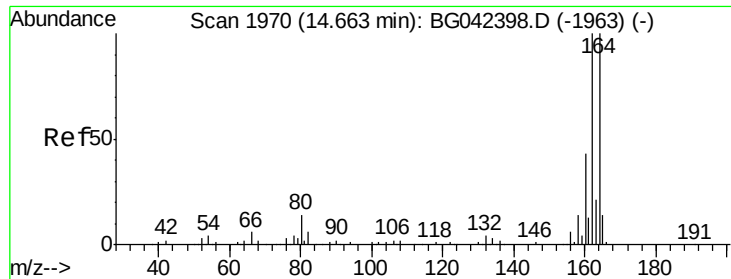


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

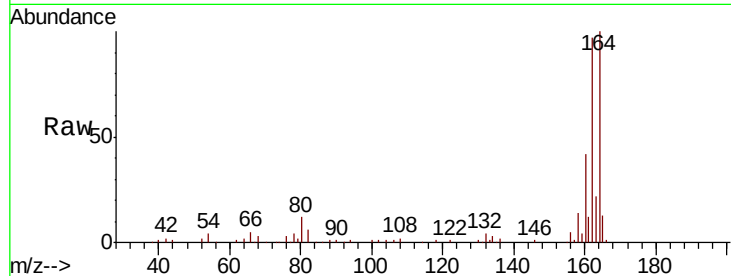
BNA_G

ClientSampleId :

SB-1-30-32

Tot Ion:164 Resp: 89635

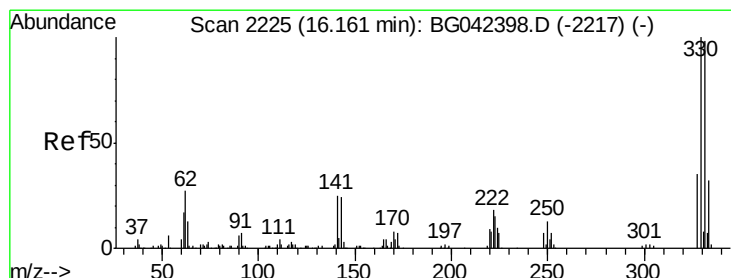
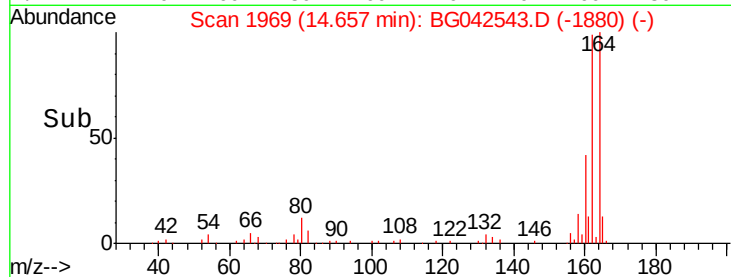
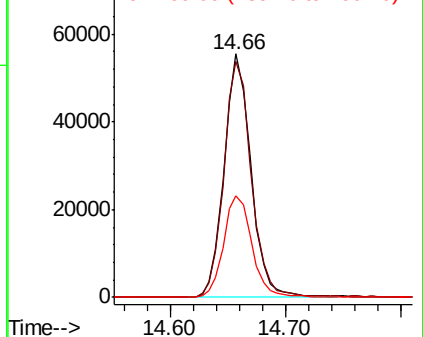
Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.9	119.9
160	41.5	34.3	51.5



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: 157.570 ng

RT: 16.15 min Scan# 2223

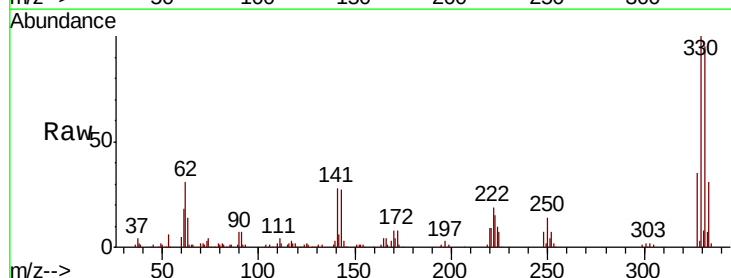
Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Tgt Ion:330 Resp: 200746

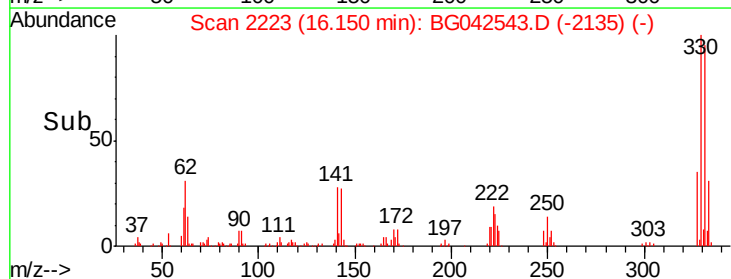
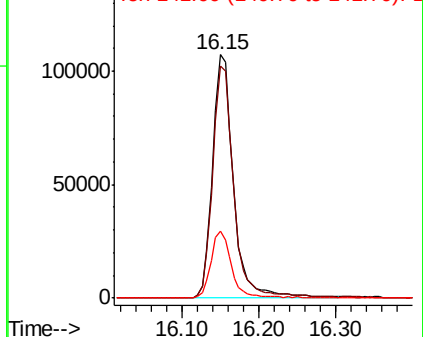
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	27.2	21.4	32.0

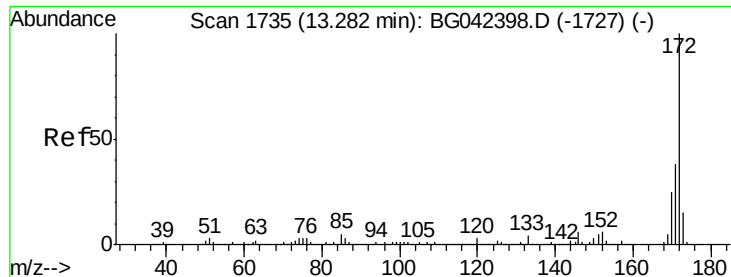


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

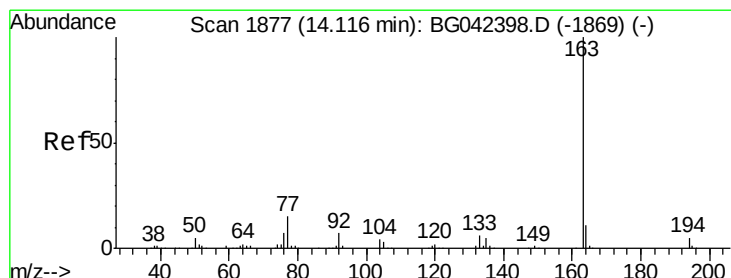
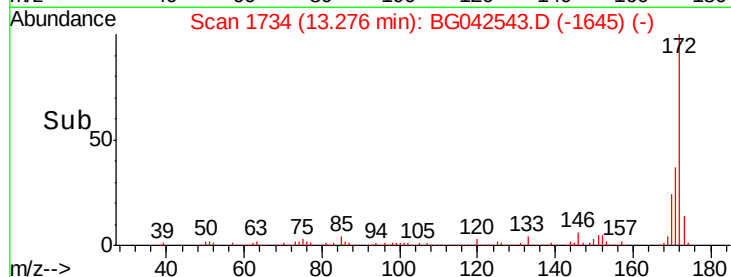
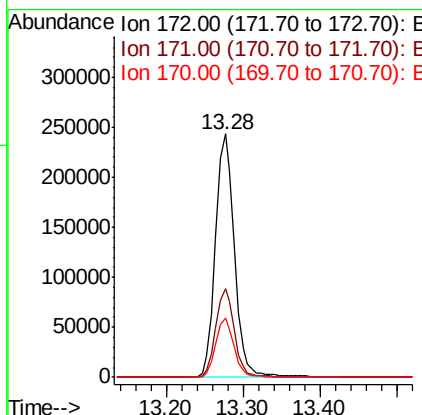
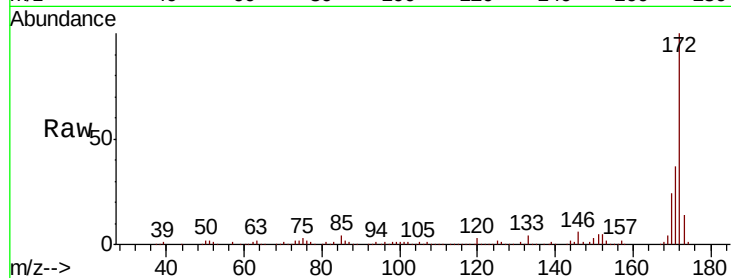




#45
2-Fluorobiphenyl
Concen: 77.940 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

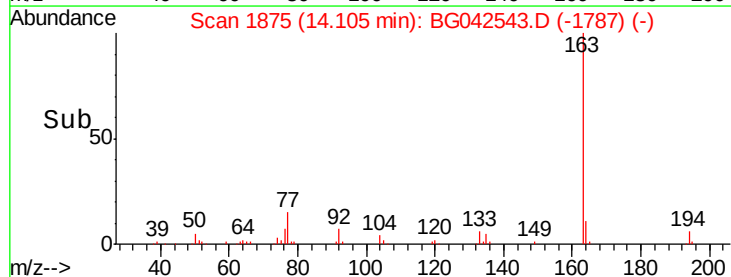
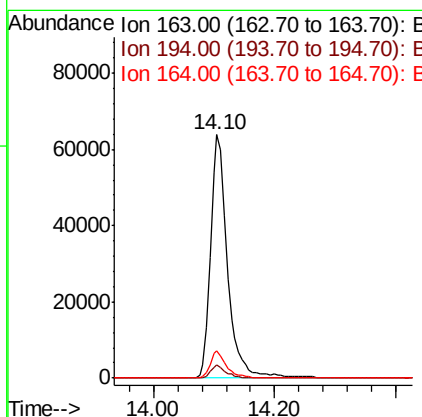
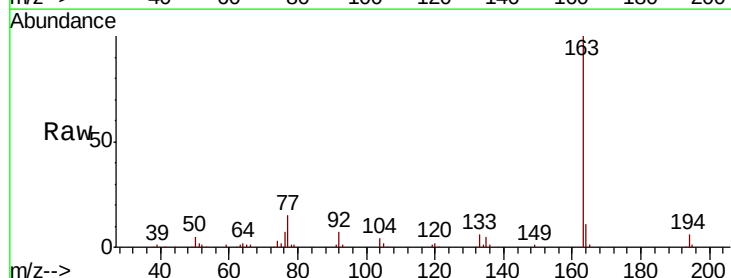
Instrument :
BNA_G
ClientSampleId :
SB-1-30-32

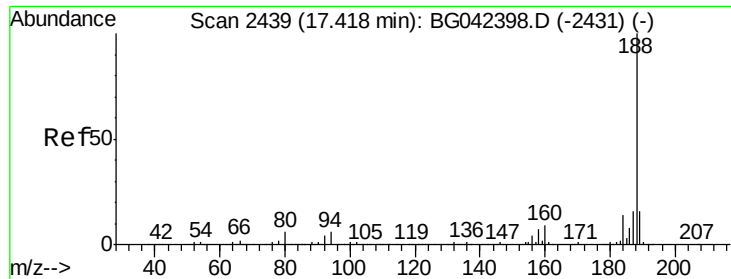
Tot Ion:172 Resp: 413069
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.3 20.2 30.2



#50
Dimethylphthalate
Concen: 19.286 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

Tgt Ion:163 Resp: 124732
Ion Ratio Lower Upper
163 100
194 5.5 4.2 6.2
164 11.1 8.8 13.2

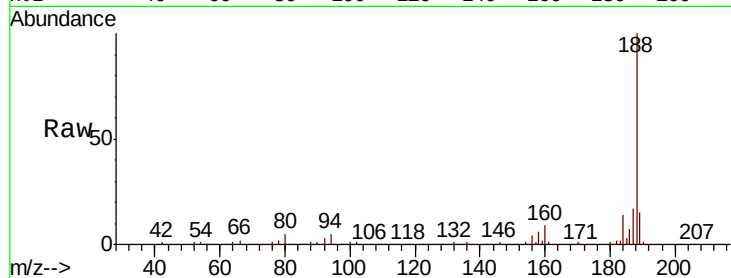




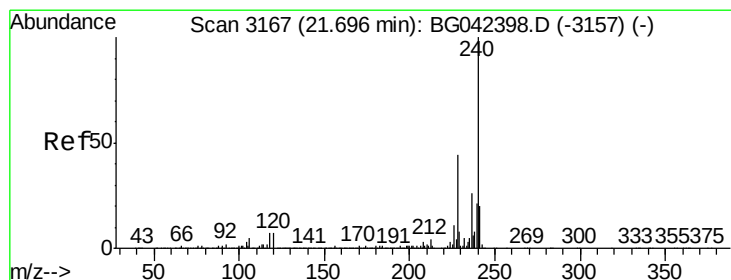
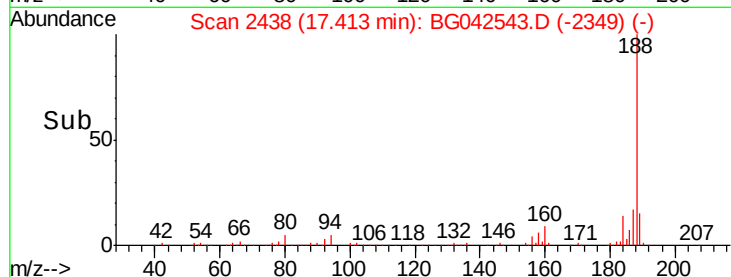
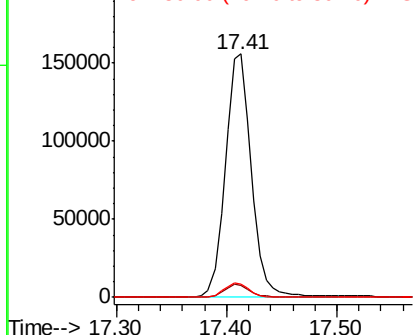
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

Instrument :
BNA_G
ClientSampleId :
SB-1-30-32

Tot Ion:188 Resp: 257263
Ion Ratio Lower Upper
188 100
94 4.7 4.5 6.7
80 5.3 4.9 7.3

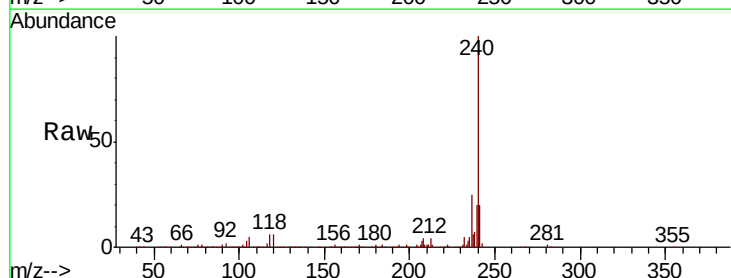


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

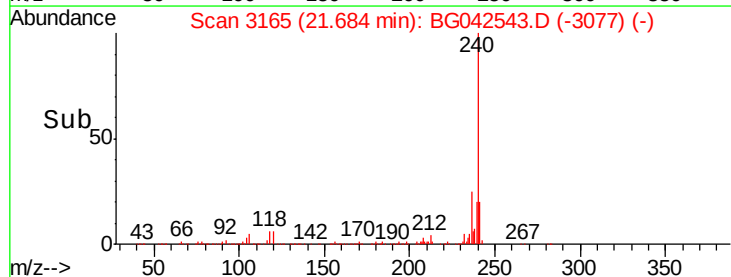
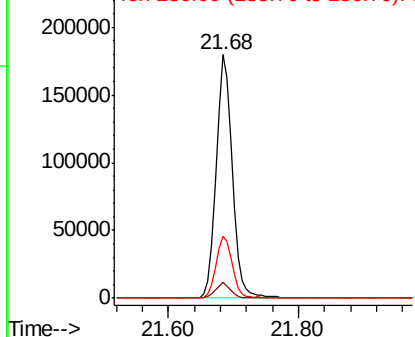


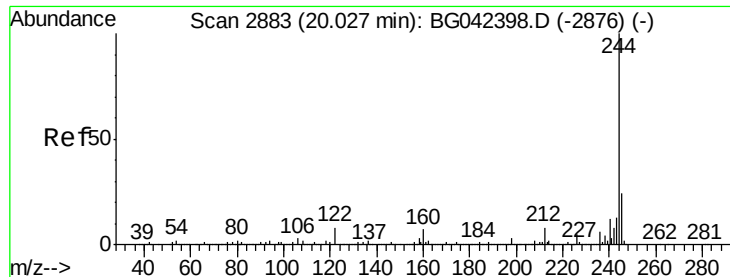
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

Tgt Ion:240 Resp: 308726
Ion Ratio Lower Upper
240 100
120 6.3 5.7 8.5
236 25.5 21.0 31.4



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: 68.555 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampleId :

SB-1-30-32

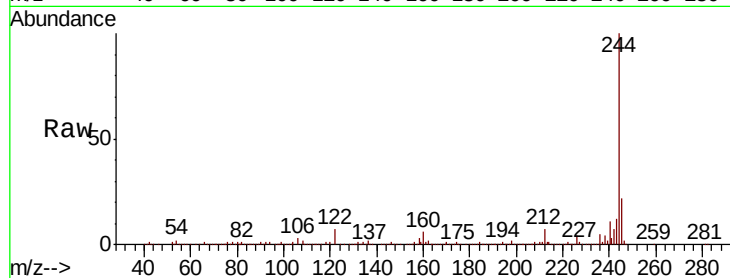
Tot Ion:244 Resp: 978978

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

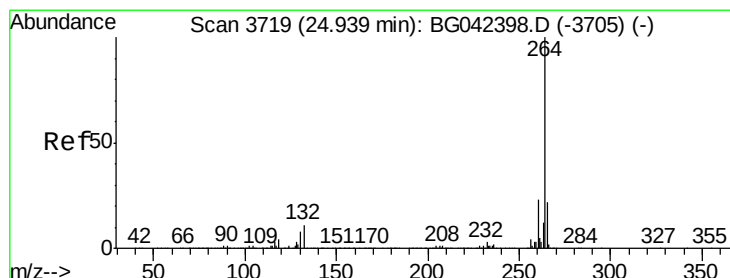
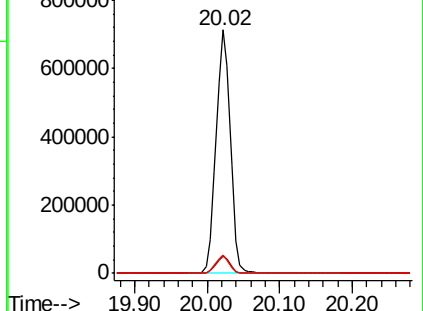
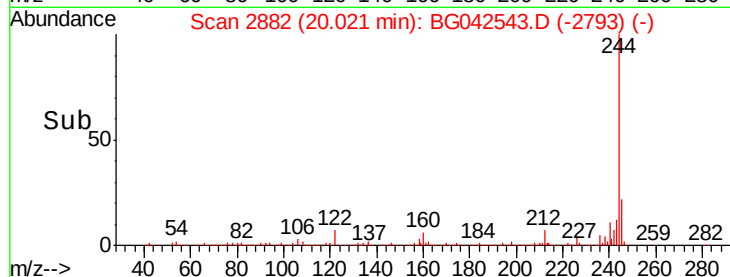
122 7.3 6.7 10.1



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# 3717

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

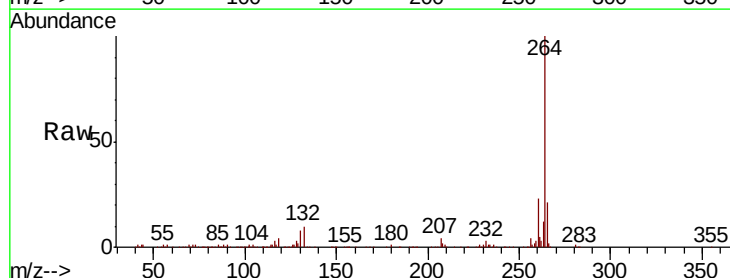
Tgt Ion:264 Resp: 362694

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.2 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

