

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042544.D
 Acq On : 28 Aug 2019 22:32
 Operator : HP/JU
 Sample : K4536-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-15-17

Quant Time: Aug 29 07:37:50 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

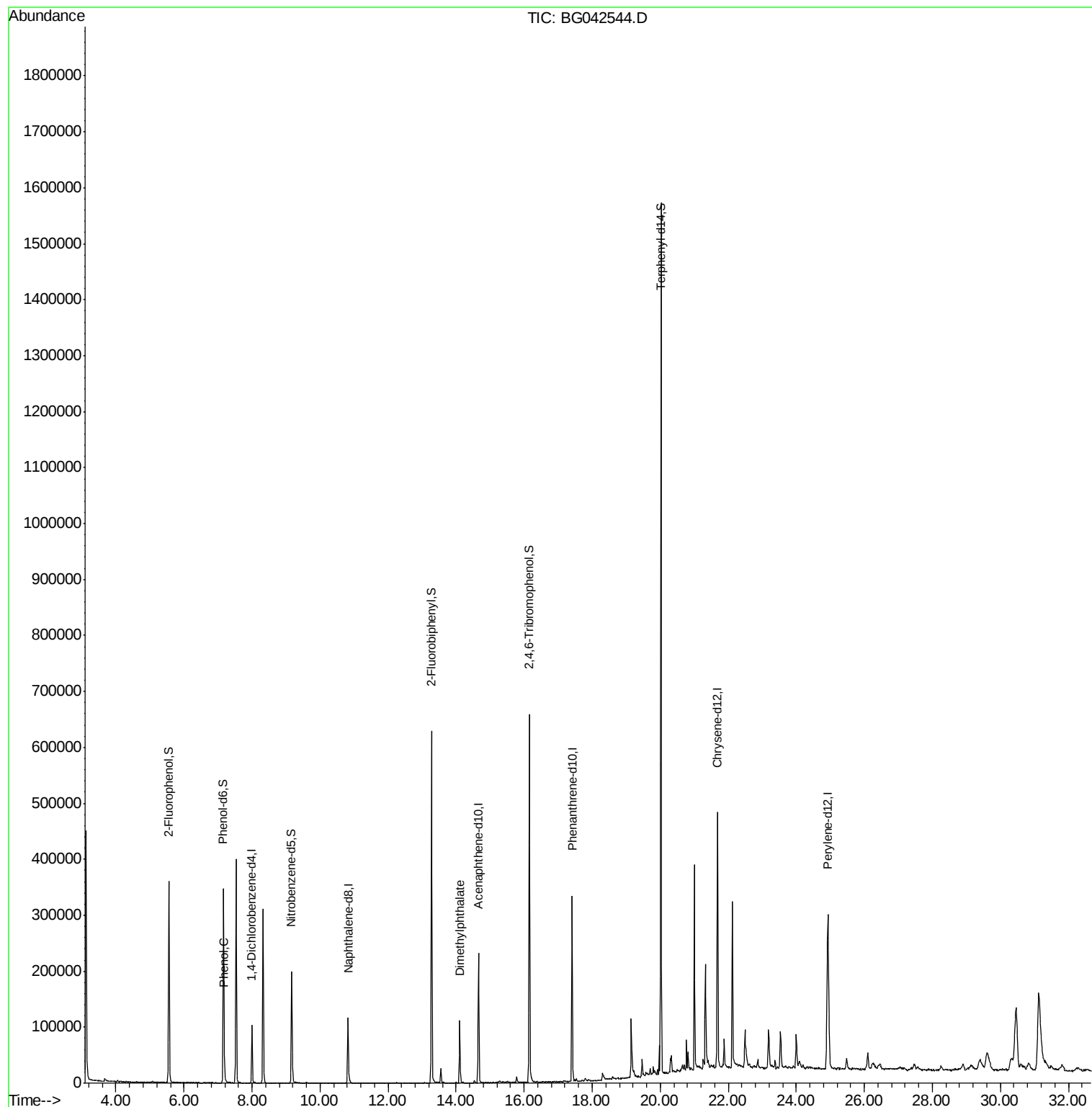
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34628	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131326	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97159	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	250435	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	293533	20.00	ng	-0.01
87) Perylene-d12	24.92	264	348475	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	188705	110.37	ng	0.00
7) Phenol-d6	7.16	99	243267	105.33	ng	-0.01
23) Nitrobenzene-d5	9.17	82	137833	72.53	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	171631	124.28	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	390460	67.97	ng	0.00
79) Terphenyl-d14	20.02	244	801428	59.03	ng	0.00
Target Compounds						
10) Phenol	7.19	94	6486	2.762	ng	82
50) Dimethylphthalate	14.10	163	98788	14.092	ng	99

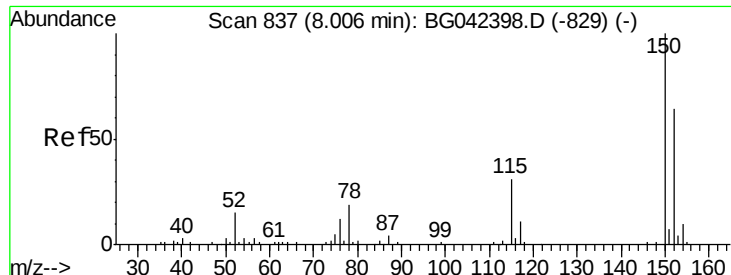
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG042544.D

Acq: 28 Aug 2019 22:32

Instrument :

BNA_G

ClientSampleId :

SB-1-15-17

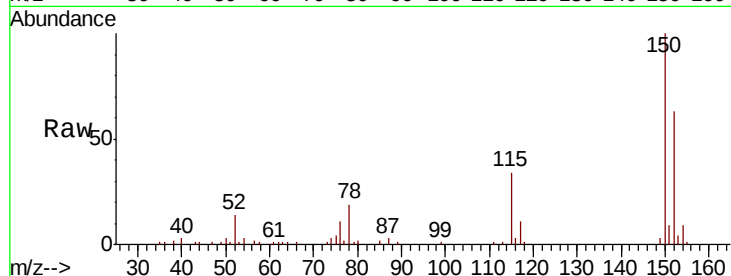
Tot Ion:152 Resp: 34628

Ion Ratio Lower Upper

152 100

150 157.7 125.4 188.0

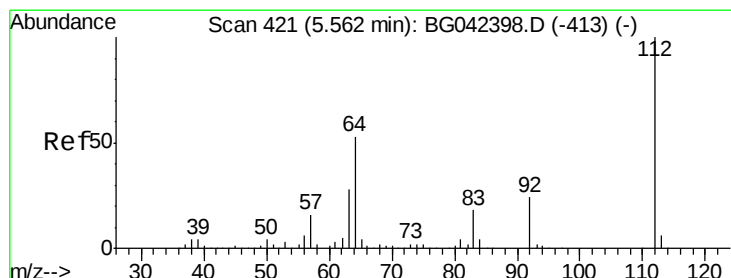
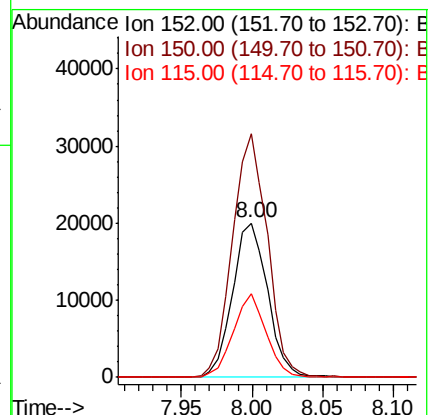
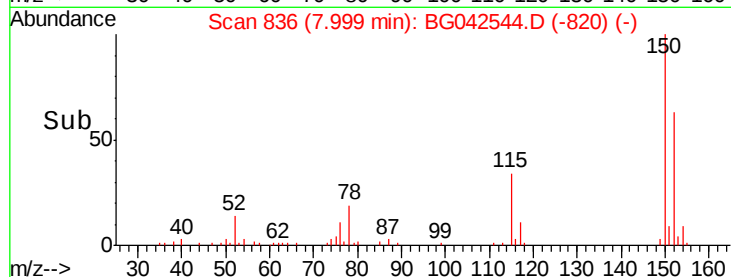
115 54.4 38.5 57.7



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: 110.368 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

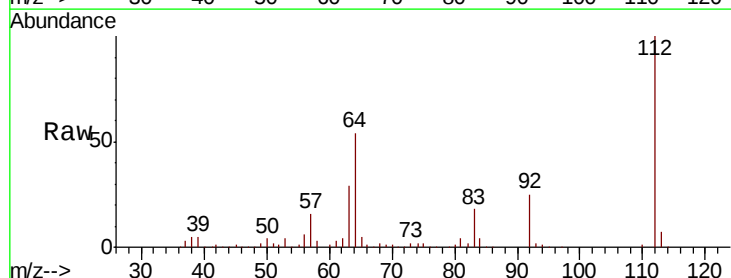
Tgt Ion:112 Resp: 188705

Ion Ratio Lower Upper

112 100

64 53.6 42.8 64.2

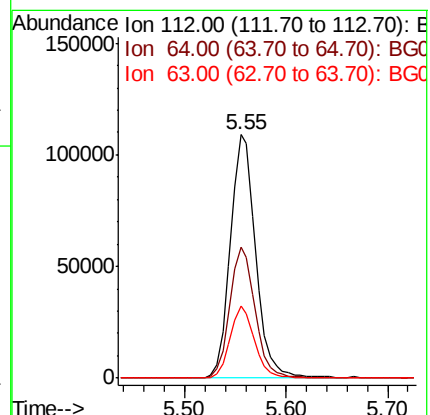
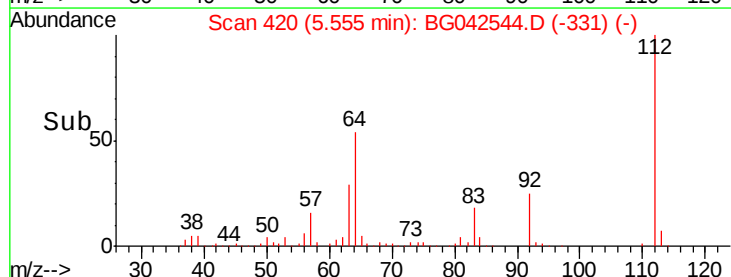
63 29.5 22.7 34.1

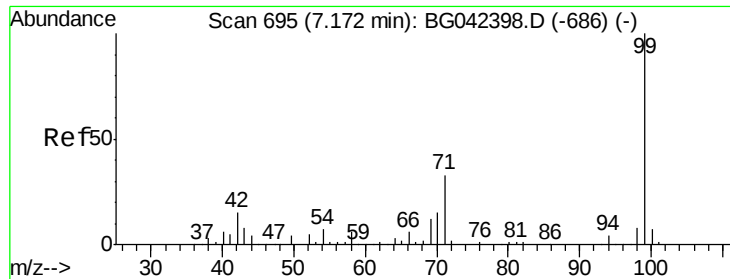


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 105.332 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

Instrument :

BNA_G

ClientSampleId :

SB-1-15-17

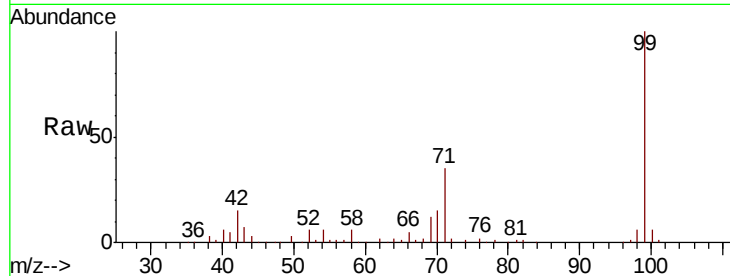
Tot Ion: 99 Resp: 243267

Ion Ratio Lower Upper

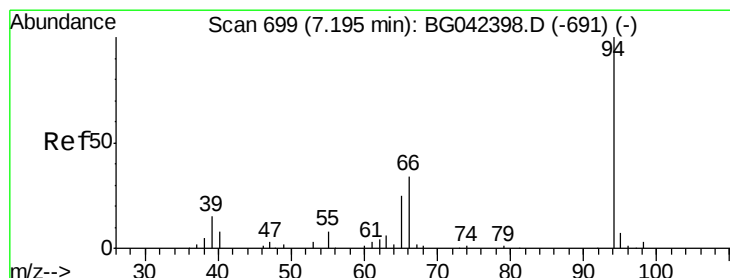
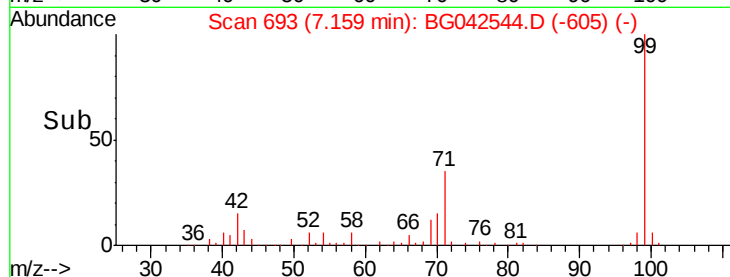
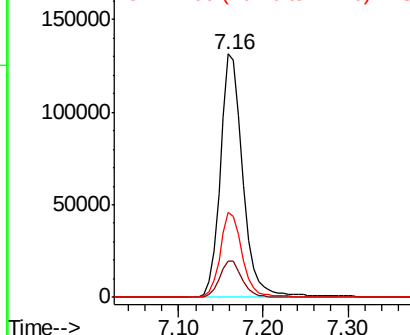
99 100

42 14.7 12.0 18.0

71 35.0 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



#10

Phenol

Concen: 2.762 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

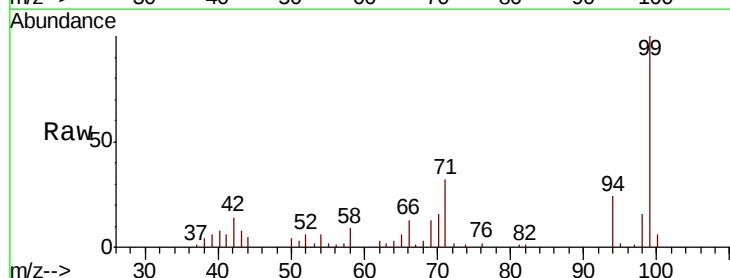
Tgt Ion: 94 Resp: 6486

Ion Ratio Lower Upper

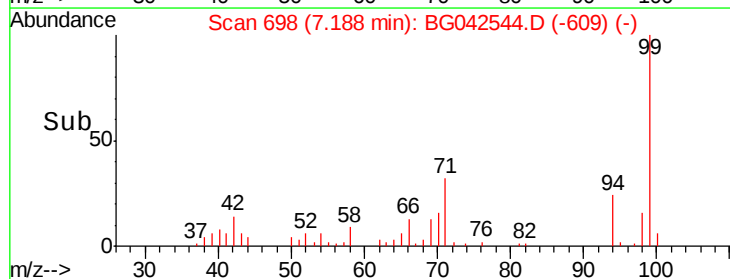
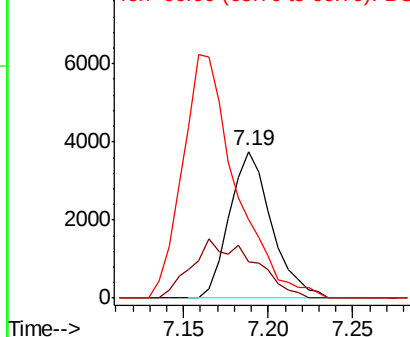
94 100

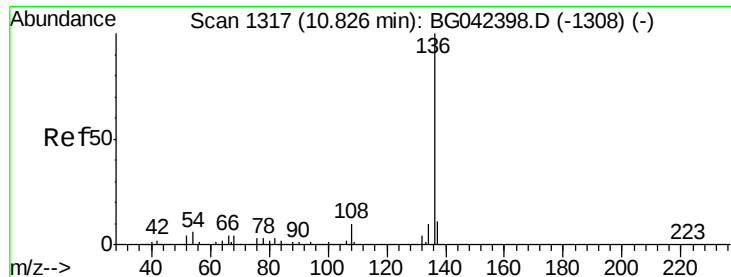
65 24.5 5.6 45.6

66 53.1 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

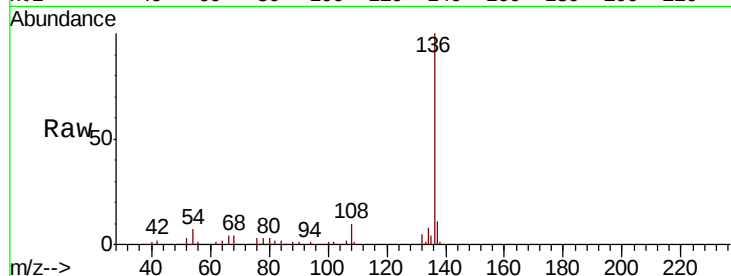




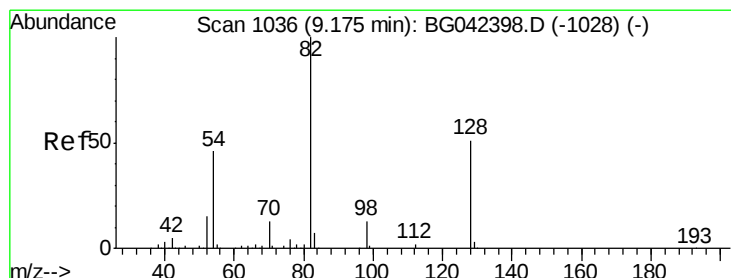
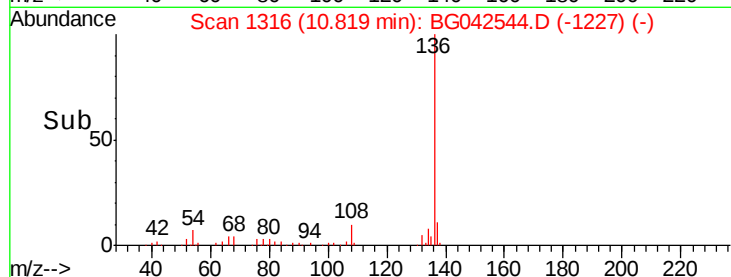
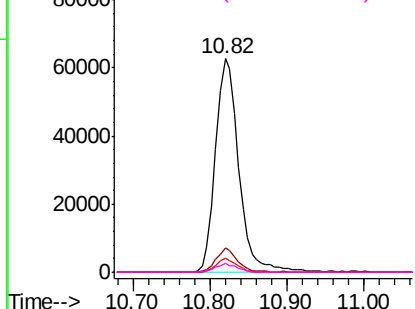
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-1-15-17

Tot Ion:136	Resp:	131326
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.7	13.1
54 6.7	4.9	7.3
68 4.3	3.6	5.4

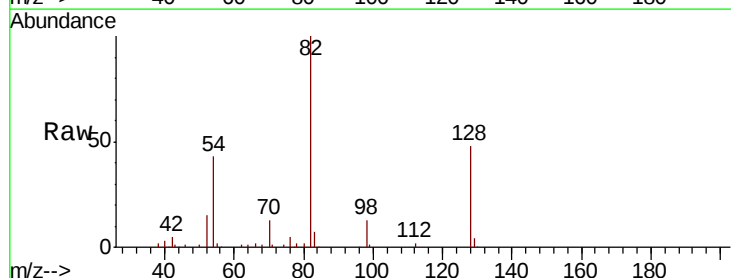


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

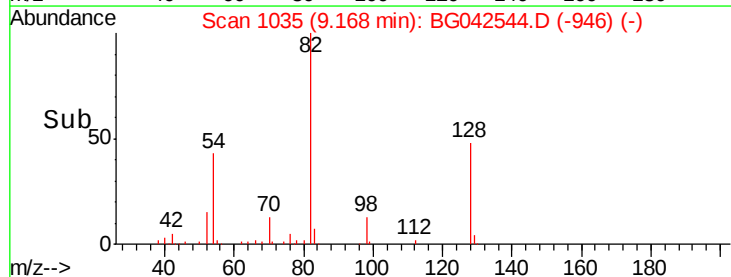
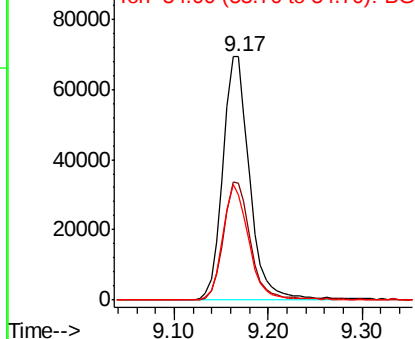


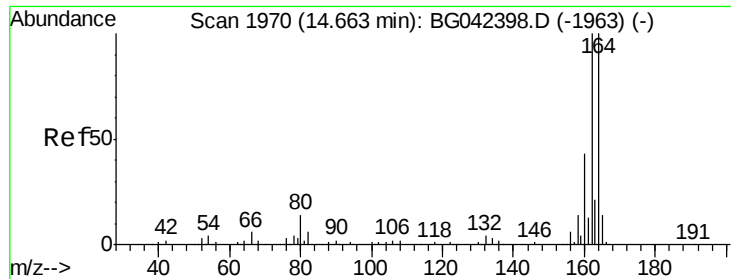
#23
Nitrobenzene-d5
Concen: 72.528 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Tgt Ion	82	Resp: Lower	137833 Upper
	Ratio		
82	100		
128	48.0	40.7	61.1
54	43.3	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

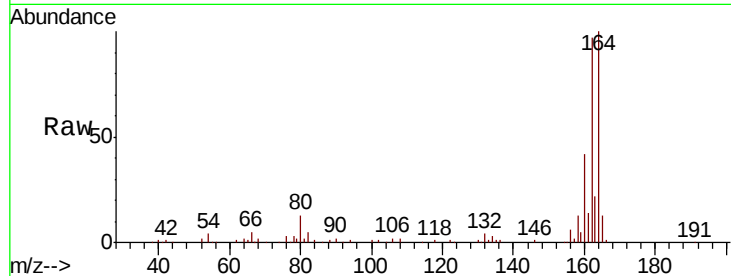




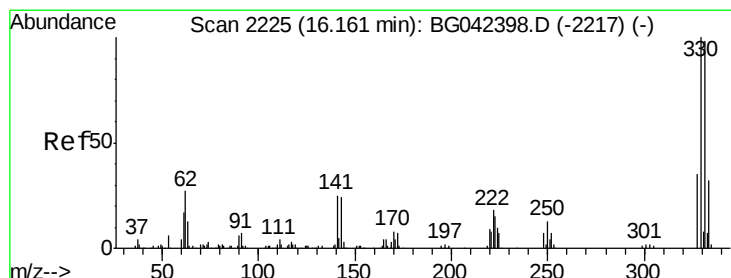
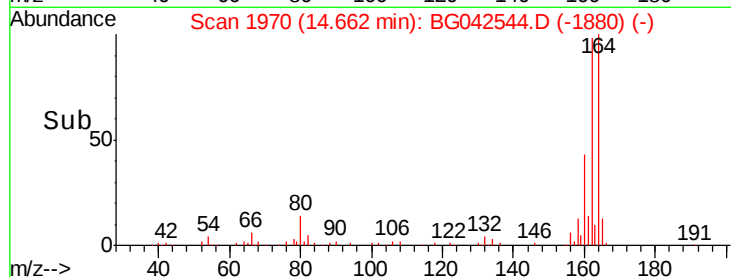
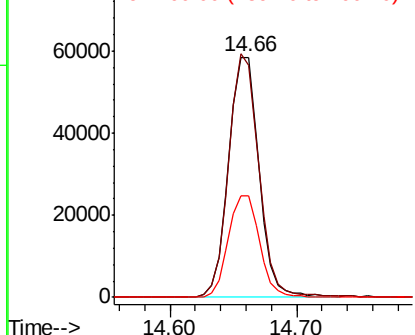
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-1-15-17

Tot Ion:164 Resp: 97159
Ion Ratio Lower Upper
164 100
162 96.7 79.9 119.9
160 42.1 34.3 51.5

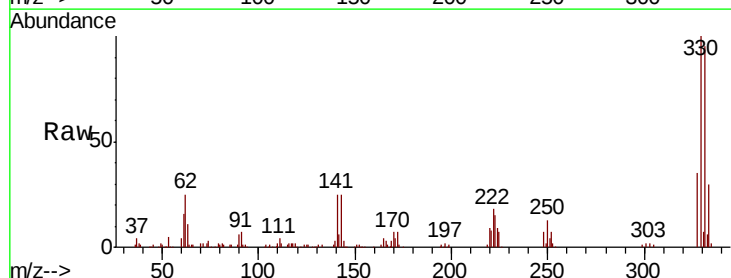


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

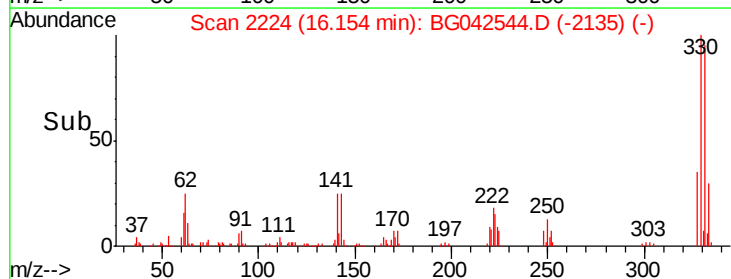
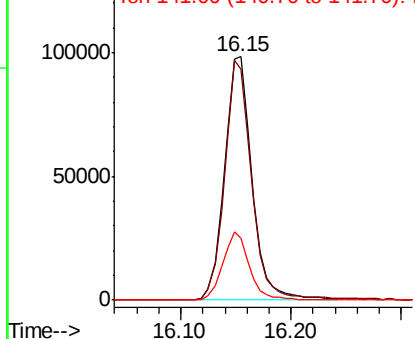


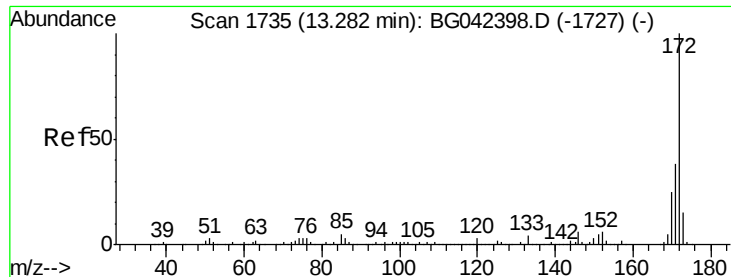
#42
2,4,6-Tribromophenol
Concen: 124.284 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Tgt Ion:330 Resp: 171631
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 26.8 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

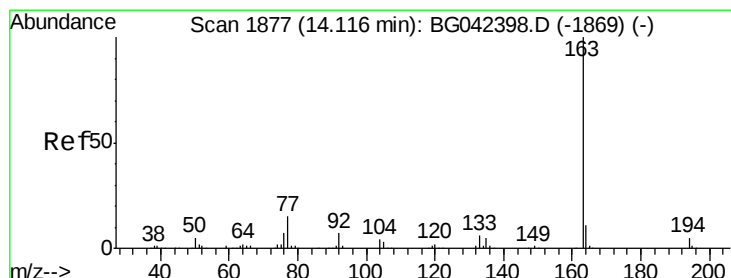
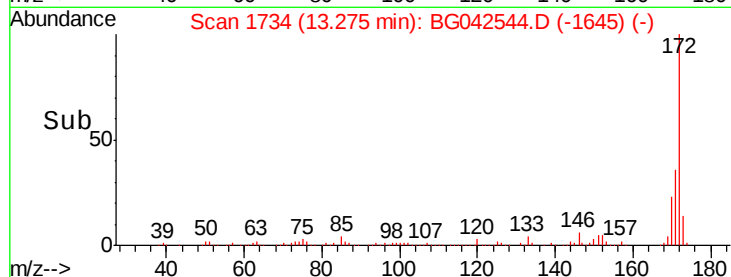
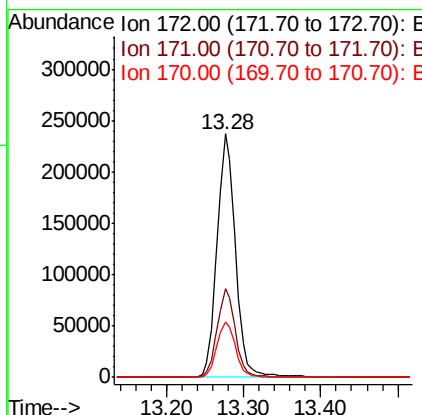
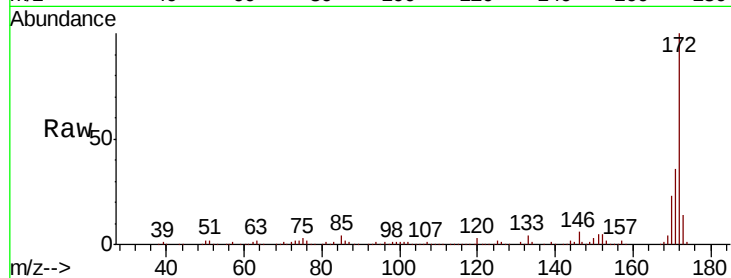




#45
 2-Fluorobiphenyl
 Concen: 67.969 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042544.D
 Acq: 28 Aug 2019 22:32

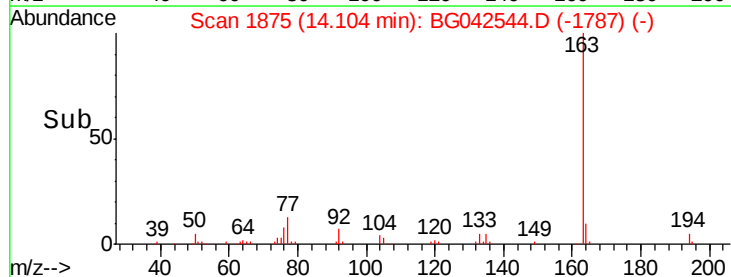
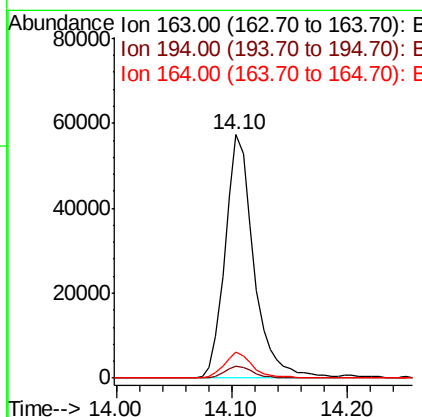
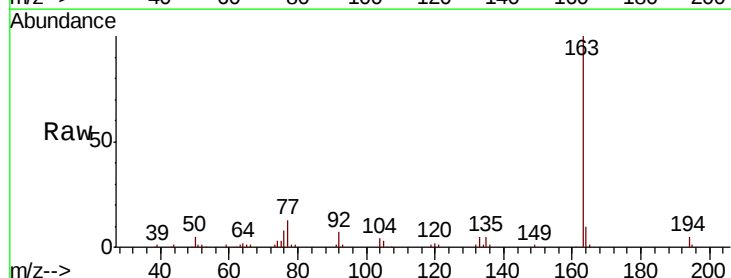
Instrument :
 BNA_G
 ClientSampleId :
 SB-1-15-17

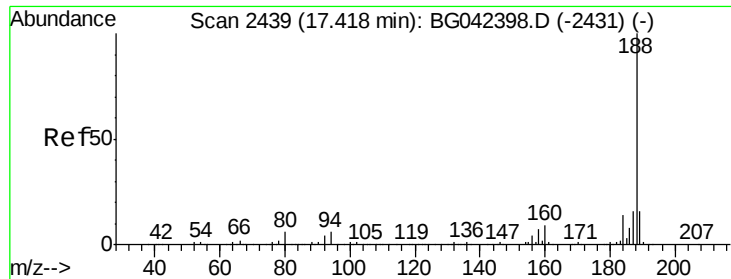
Tot Ion:172 Resp: 390460
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.5 45.7
 170 22.7 20.2 30.2



#50
 Dimethylphthalate
 Concen: 14.092 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042544.D
 Acq: 28 Aug 2019 22:32

Tgt Ion:163 Resp: 98788
 Ion Ratio Lower Upper
 163 100
 194 4.7 4.2 6.2
 164 10.5 8.8 13.2

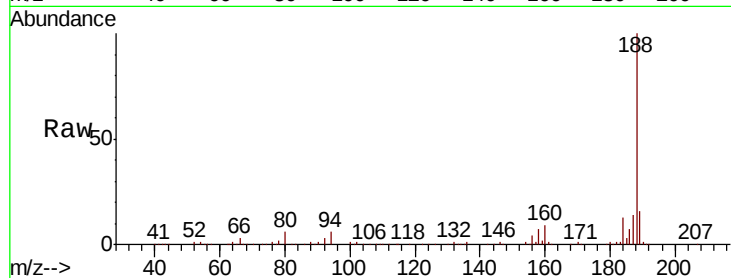




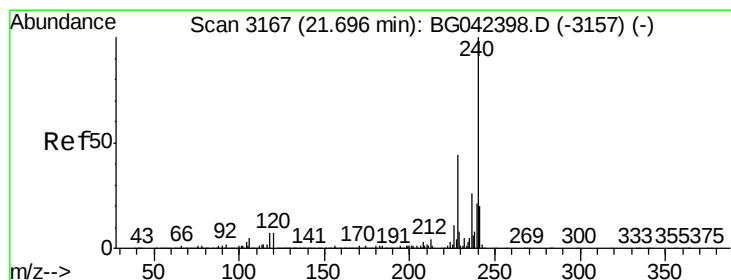
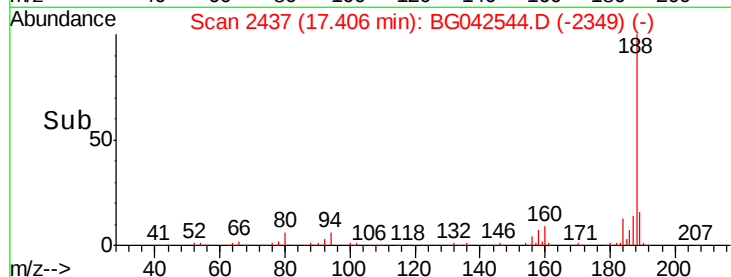
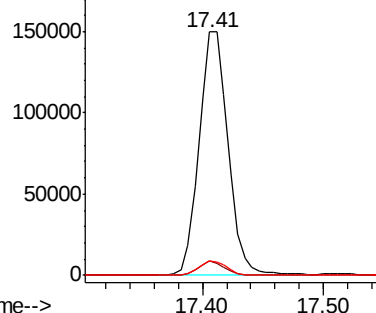
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-1-15-17

Tot Ion:188 Resp: 250435
Ion Ratio Lower Upper
188 100
94 5.8 4.5 6.7
80 5.9 4.9 7.3

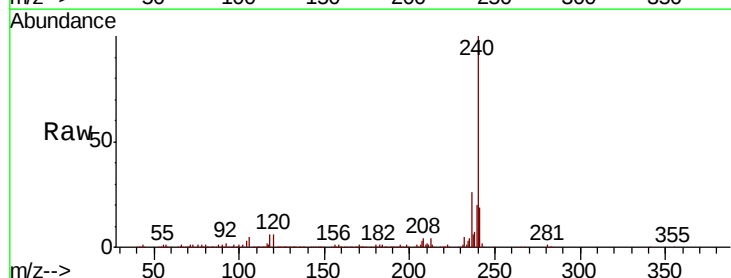


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

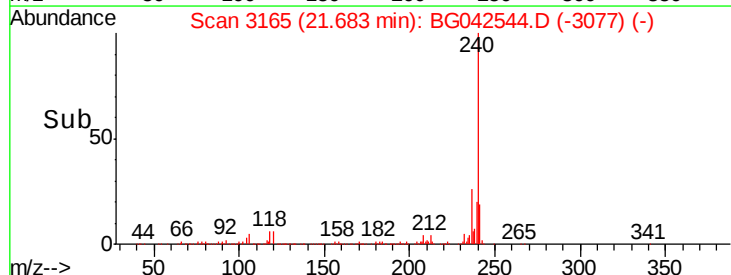
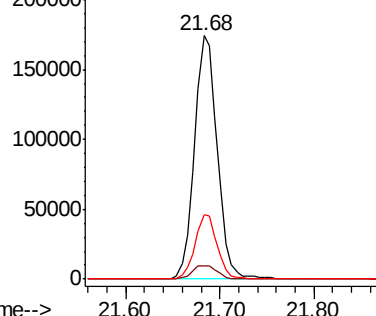


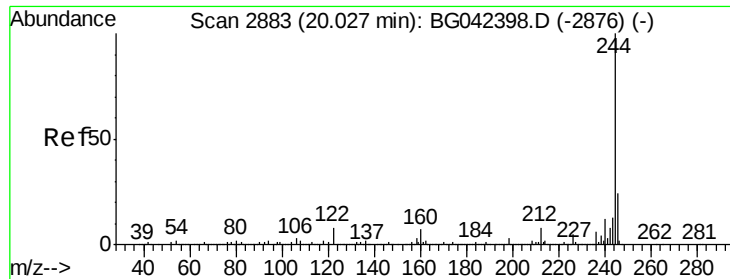
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Tgt Ion:240 Resp: 293533
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 26.4 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: 59.026 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

Instrument :

BNA_G

ClientSampleId :

SB-1-15-17

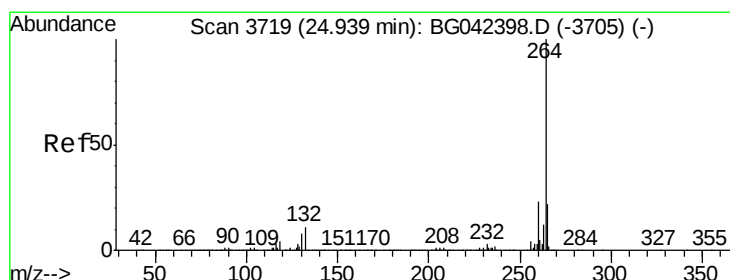
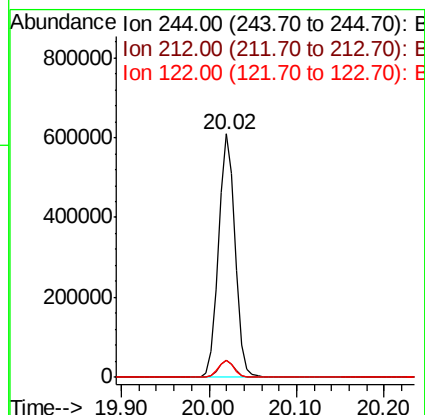
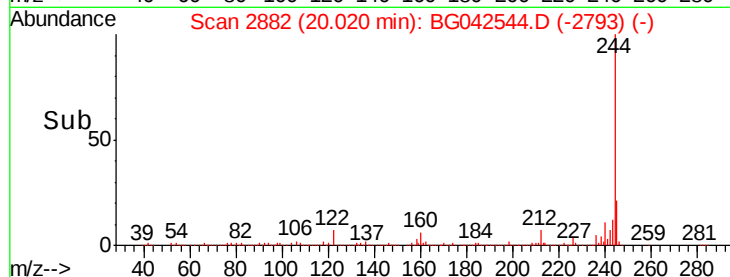
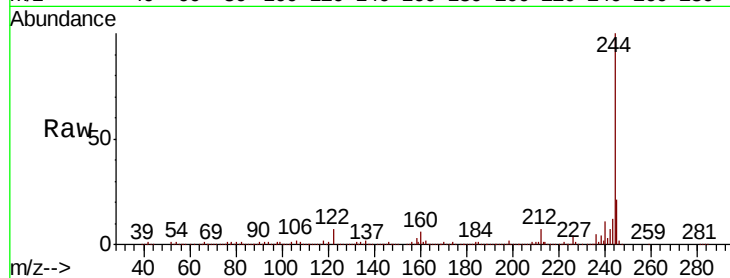
Tot Ion:244 Resp: 801428

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 7.0 6.7 10.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

Tgt Ion:264 Resp: 348475

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.4 17.6 26.4

