

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042716.D
 Acq On : 4 Sep 2019 20:32
 Operator : HP/JU
 Sample : K4554-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)

Quant Time: Sep 05 01:30:27 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

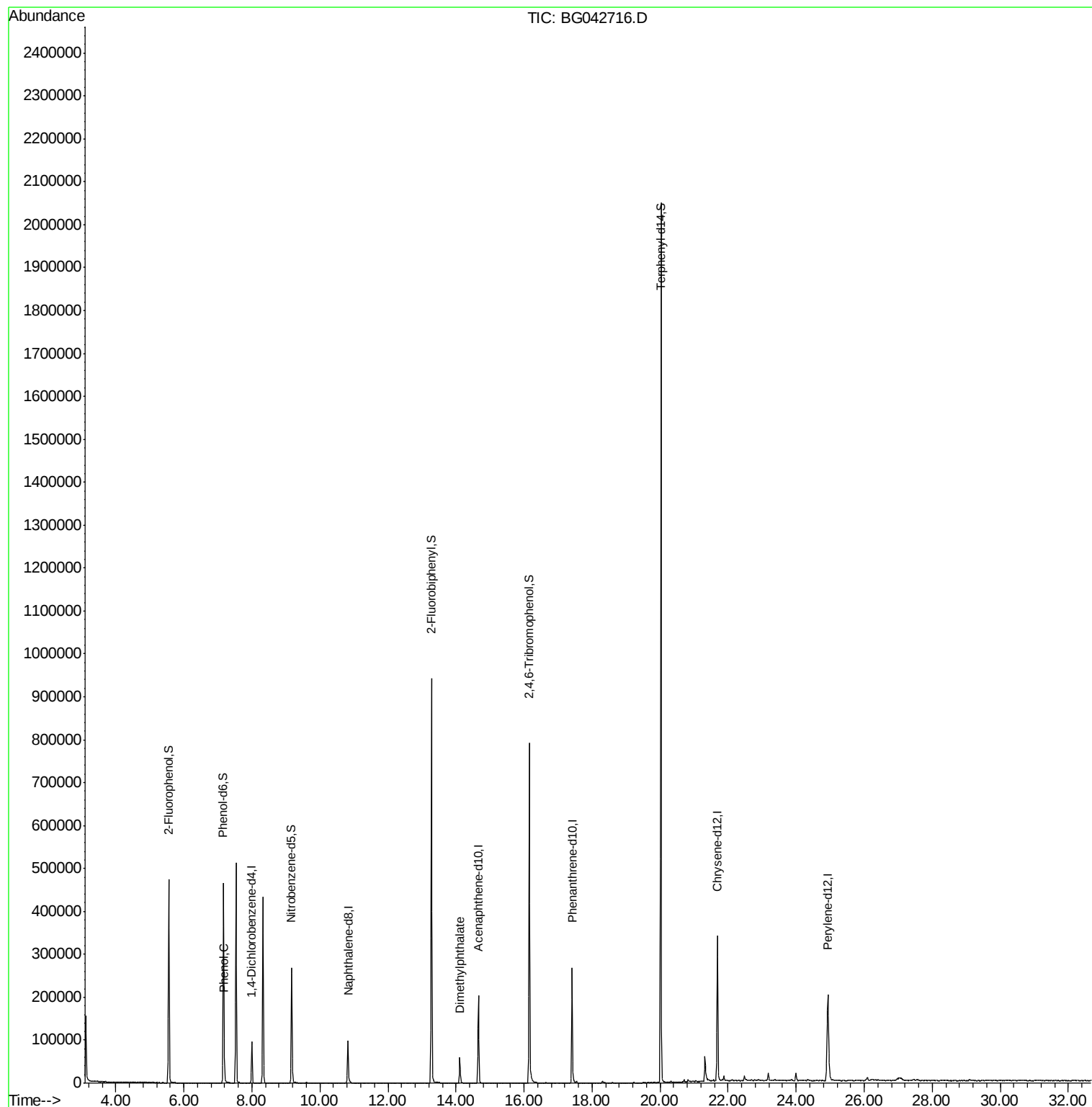
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33094	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	116771	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	88807	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	215132	20.00	ng	0.00
76) Chrysene-d12	21.69	240	237943	20.00	ng	0.00
87) Perylene-d12	24.93	264	278302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	236906	144.98	ng	0.00
7) Phenol-d6	7.16	99	313351	141.97	ng	0.00
23) Nitrobenzene-d5	9.17	82	182488	107.99	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	217545	172.35	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	604128	115.05	ng	0.00
79) Terphenyl-d14	20.02	244	1135172	103.14	ng	0.00
Target Compounds						
10) Phenol	7.19	94	13760	6.131	ng	81
50) Dimethylphthalate	14.11	163	65170	10.170	ng	97

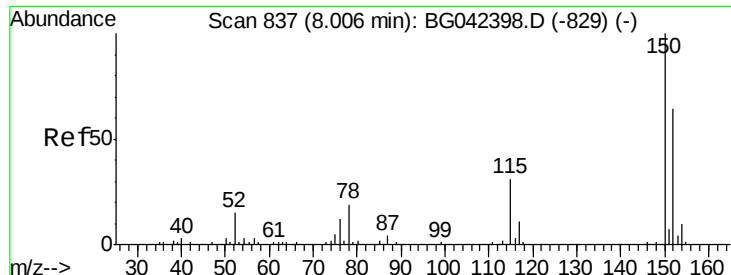
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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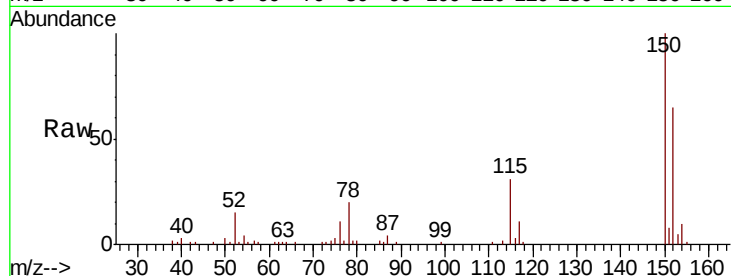


#1

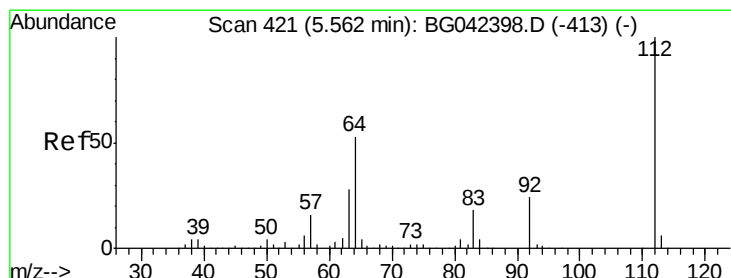
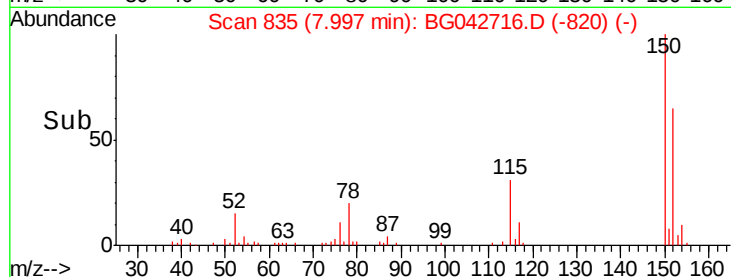
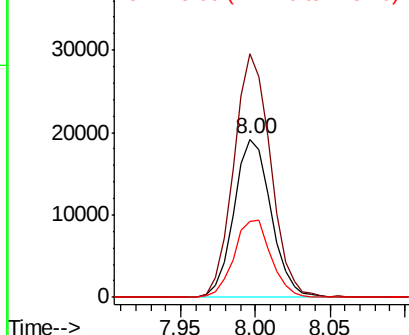
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042716.D
Acq: 4 Sep 2019 20:32

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)

Tot Ion:152 Resp: 33094
Ion Ratio Lower Upper
152 100
150 153.8 125.4 188.0
115 48.0 38.5 57.7



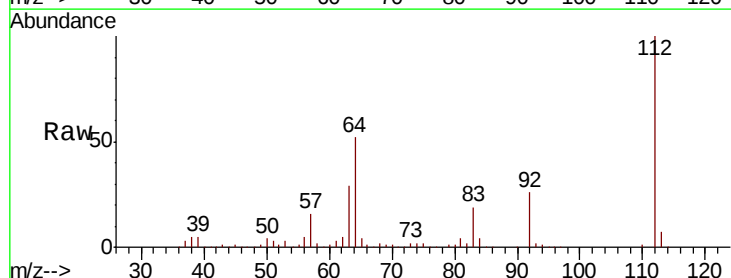
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



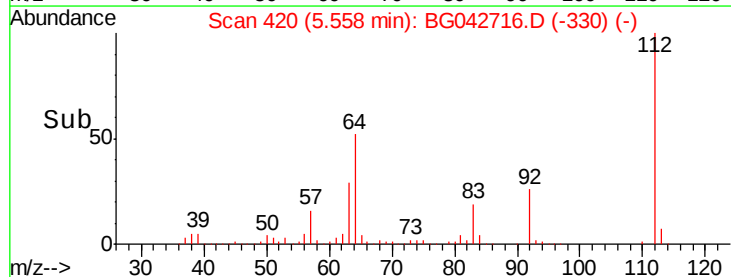
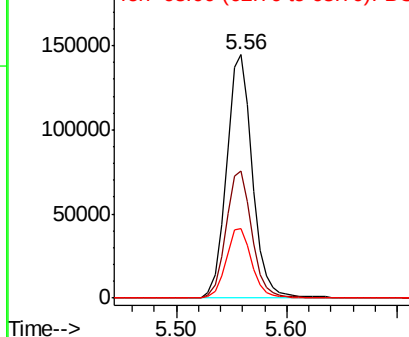
#5

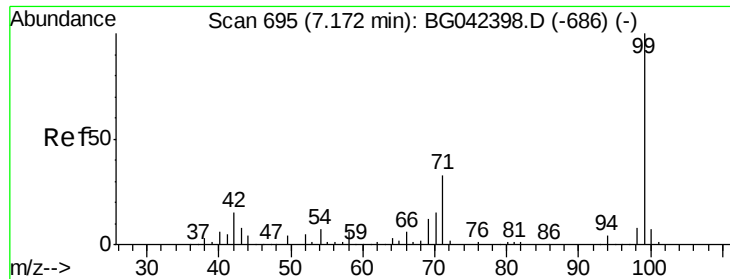
2-Fluorophenol
Concen: 144.982 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042716.D
Acq: 4 Sep 2019 20:32

Tgt Ion:112 Resp: 236906
Ion Ratio Lower Upper
112 100
64 52.5 42.8 64.2
63 28.7 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: 141.967 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042716.D

Acq: 4 Sep 2019 20:32

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)

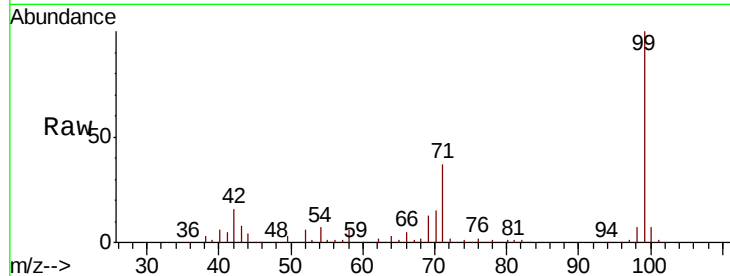
Tot Ion: 99 Resp: 313351

Ion Ratio Lower Upper

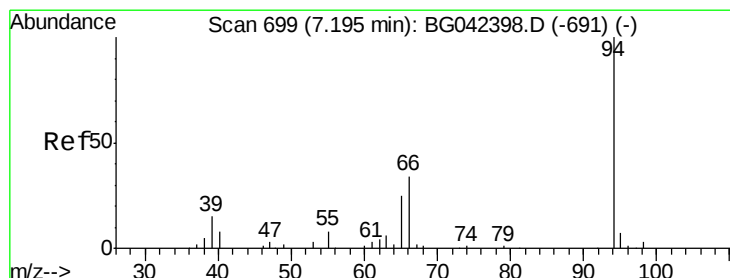
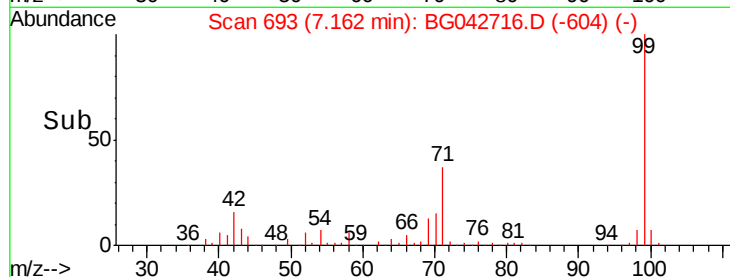
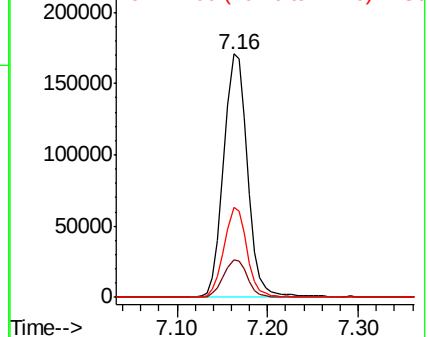
99 100

42 15.6 12.0 18.0

71 37.0 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: 6.131 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042716.D

Acq: 4 Sep 2019 20:32

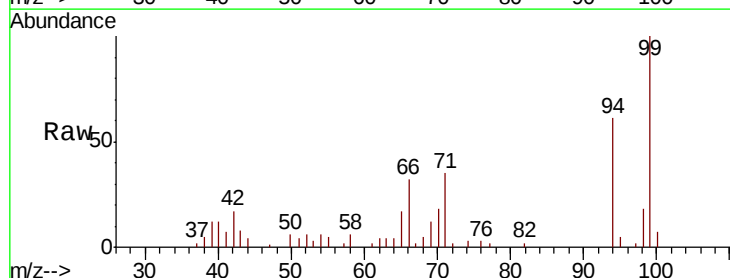
Tgt Ion: 94 Resp: 13760

Ion Ratio Lower Upper

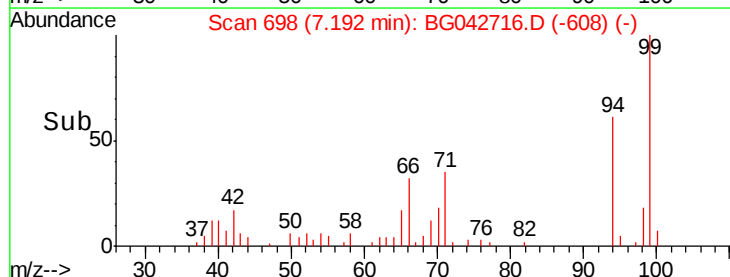
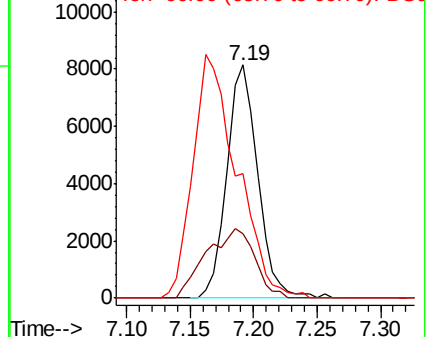
94 100

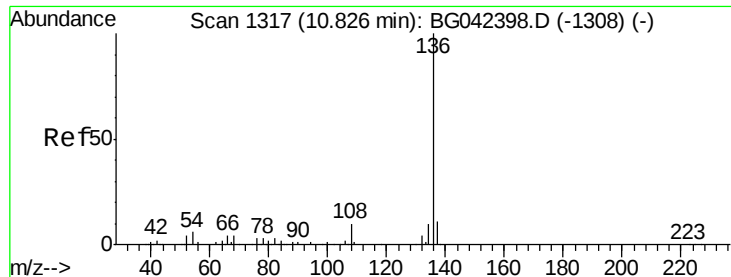
65 27.7 5.6 45.6

66 53.3 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

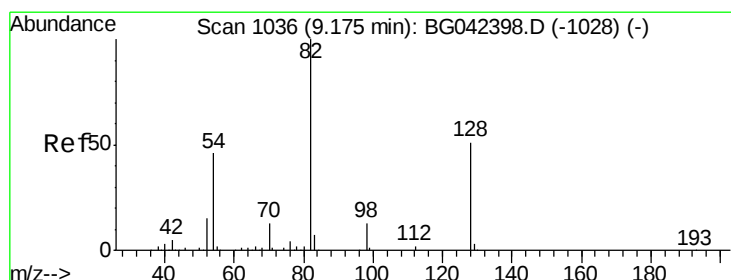
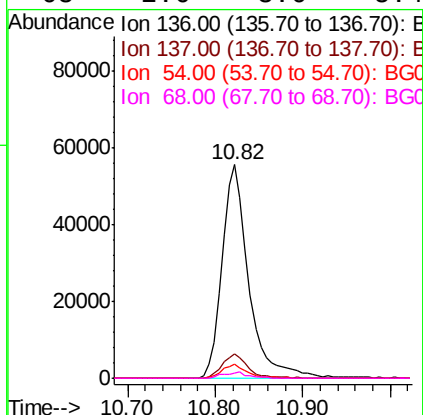
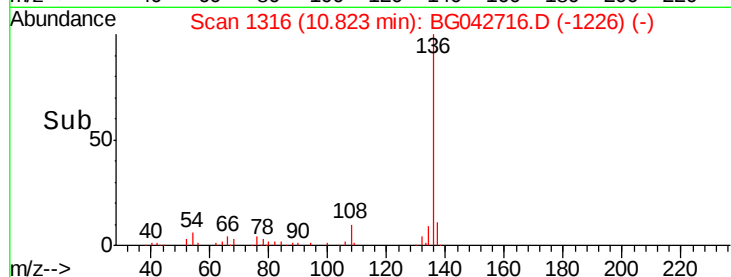
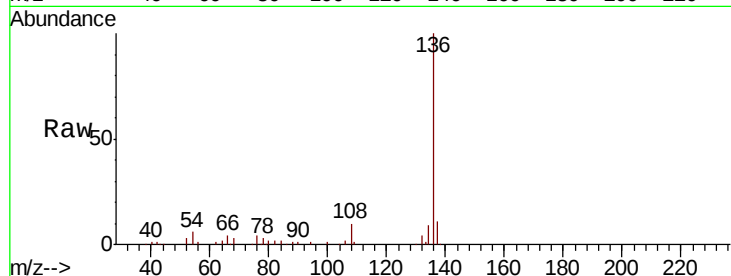




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042716.D
Acq: 4 Sep 2019 20:32

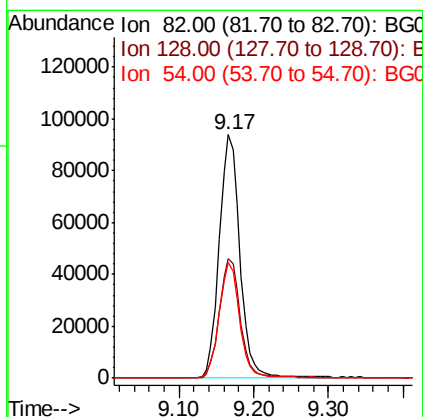
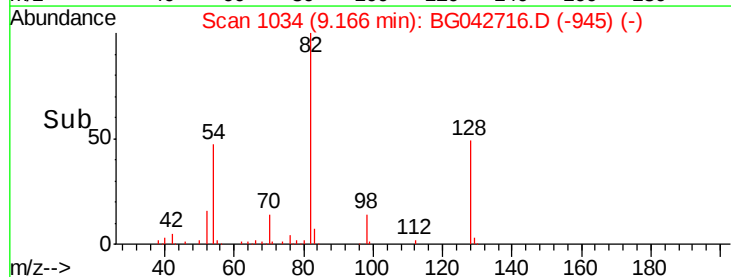
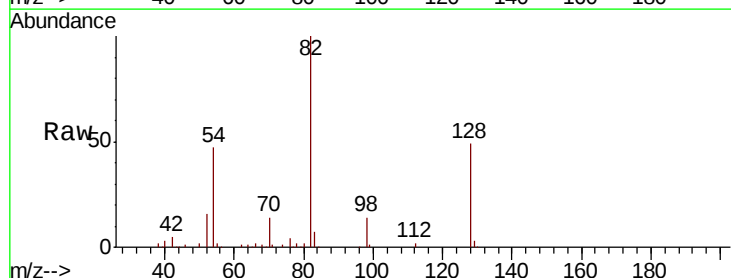
Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)

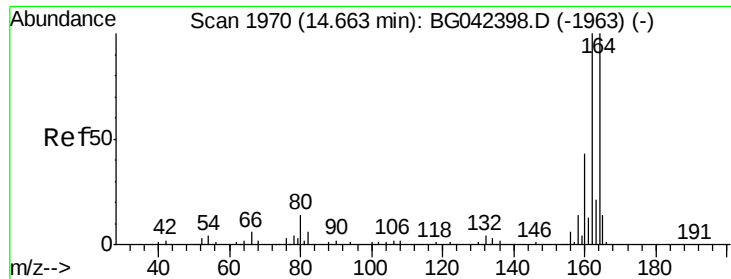
Tot Ion:136	Resp:	116771
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.7 13.1
54	6.4	4.9 7.3
68	2.6	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 107.995 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042716.D
Acq: 4 Sep 2019 20:32

Tgt Ion: 82	Resp:	182488
Ion	Ratio	Lower Upper
82	100	
128	49.0	40.7 61.1
54	47.4	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042716.D

Acq: 4 Sep 2019 20:32

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)

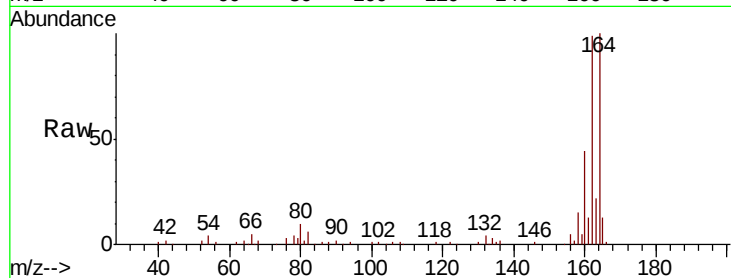
Tot Ion:164 Resp: 88807

Ion Ratio Lower Upper

164 100

162 99.3 79.9 119.9

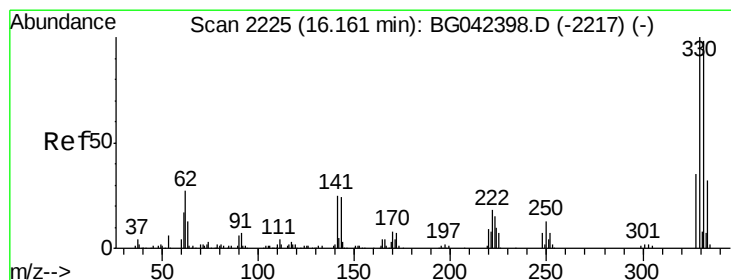
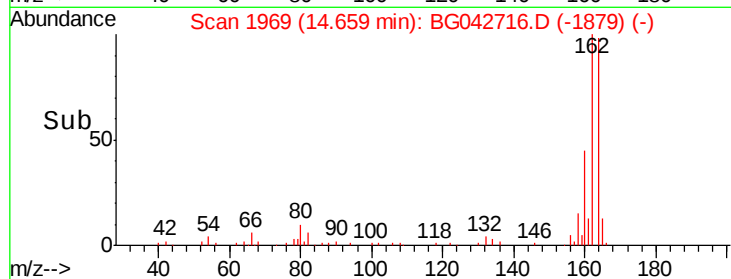
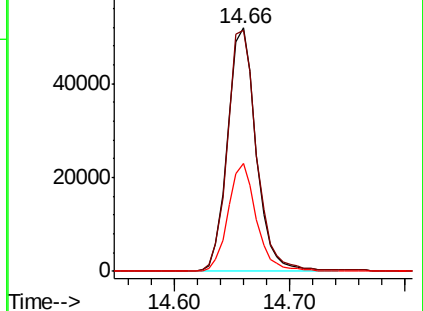
160 44.5 34.3 51.5



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: 172.348 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042716.D

Acq: 4 Sep 2019 20:32

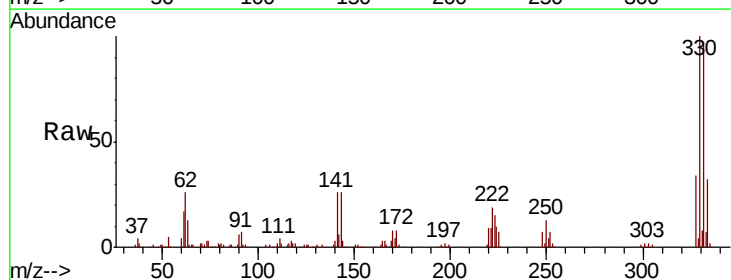
Tgt Ion:330 Resp: 217545

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

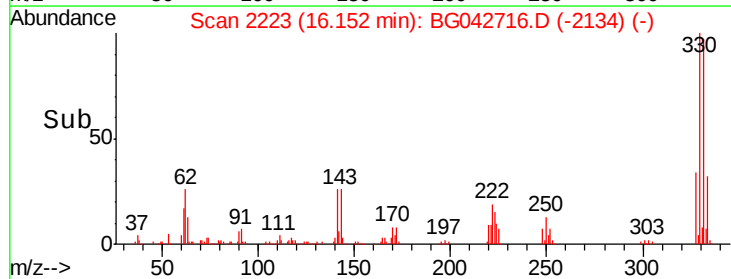
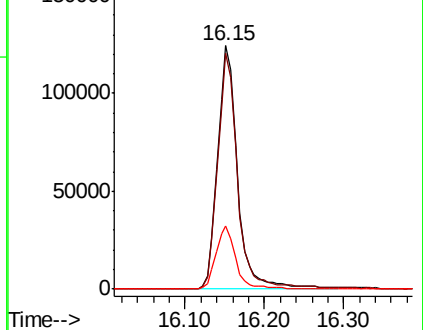
141 25.9 21.4 32.0

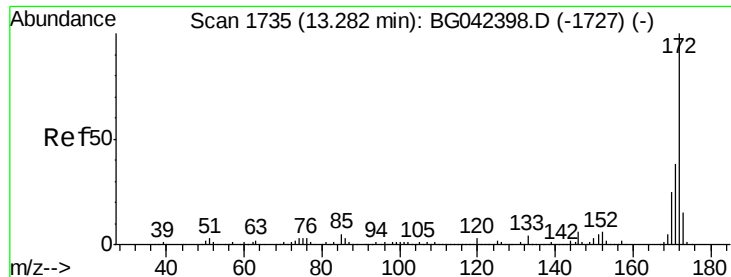


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

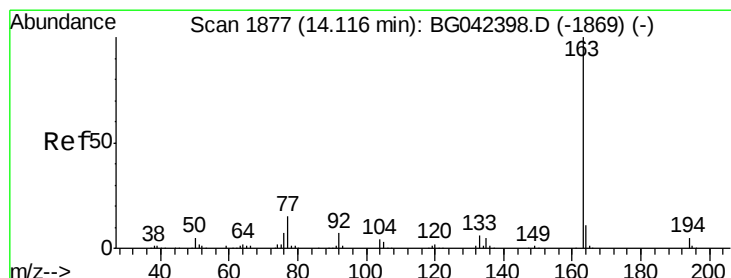
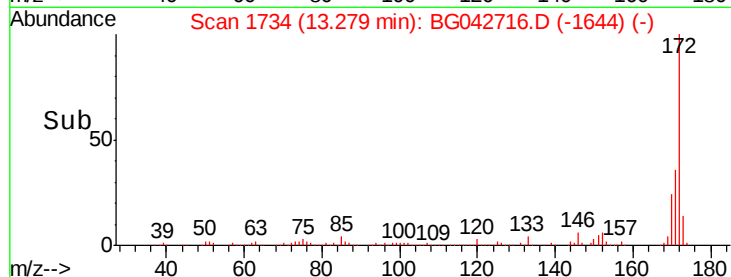
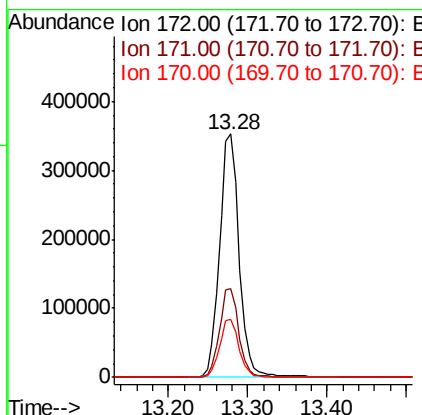
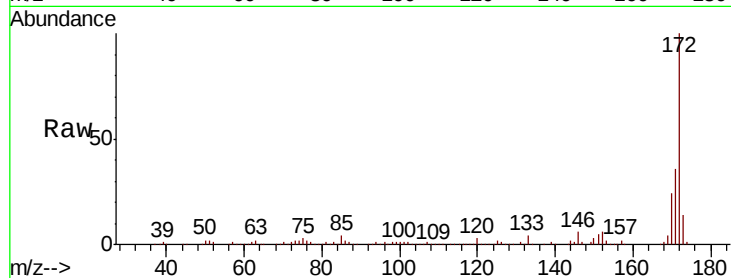




#45
2-Fluorobiphenyl
Concen: 115.053 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042716.D
Acq: 4 Sep 2019 20:32

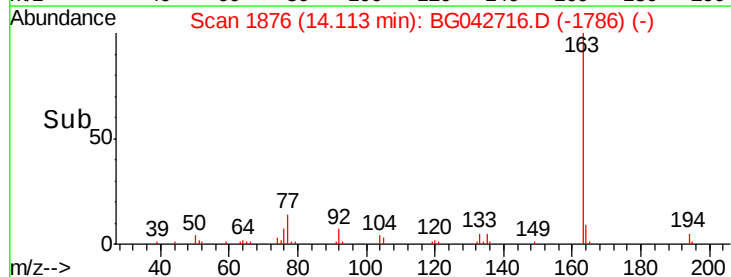
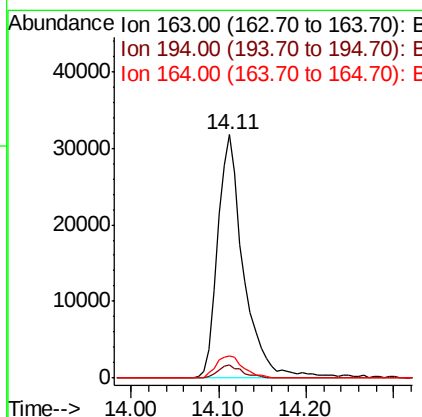
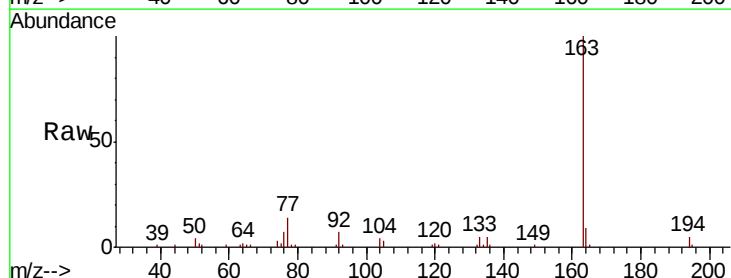
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SB-13-(13-15)

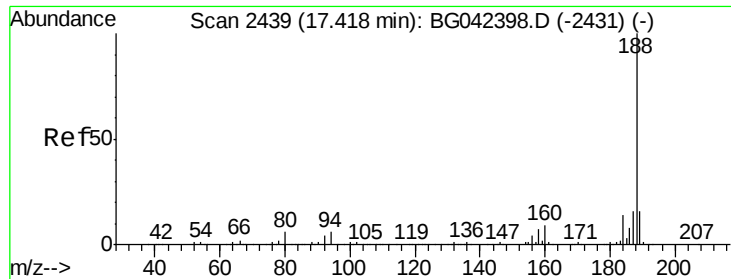
Tot Ion:172 Resp: 604128
Ion Ratio Lower Upper
172 100
171 36.4 30.5 45.7
170 23.9 20.2 30.2



#50
Dimethylphthalate
Concen: 10.170 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042716.D
Acq: 4 Sep 2019 20:32

Tgt Ion:163 Resp: 65170
Ion Ratio Lower Upper
163 100
194 5.4 4.2 6.2
164 9.3 8.8 13.2

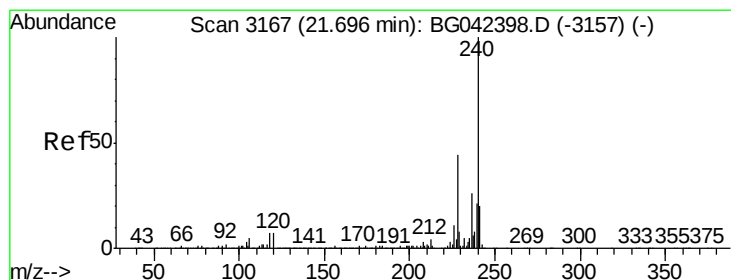
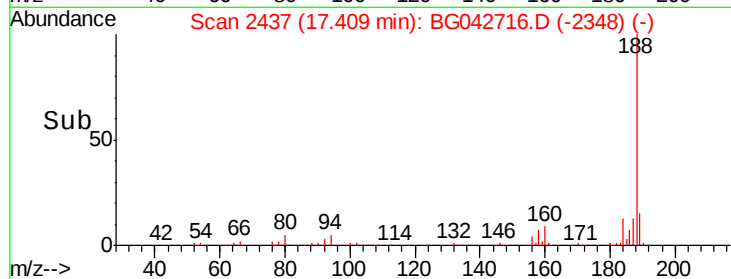
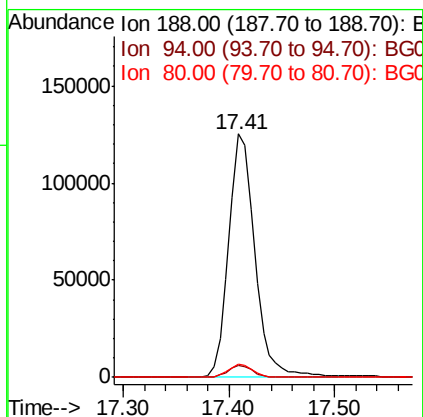
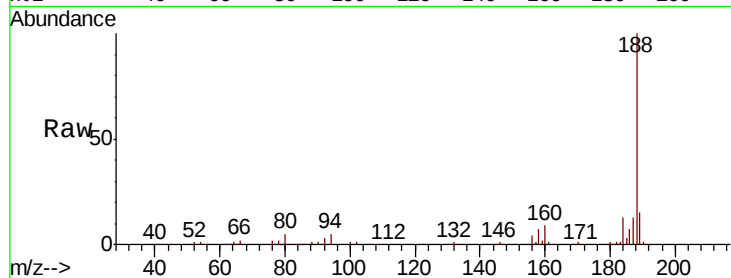




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042716.D
Acq: 4 Sep 2019 20:32

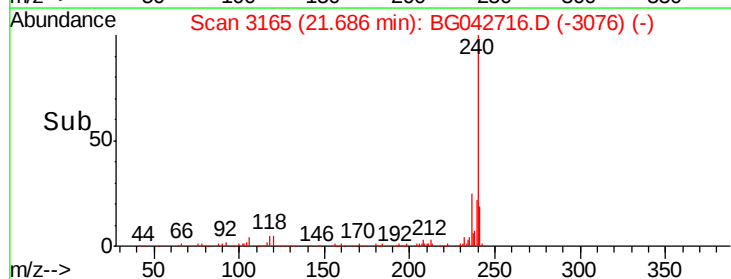
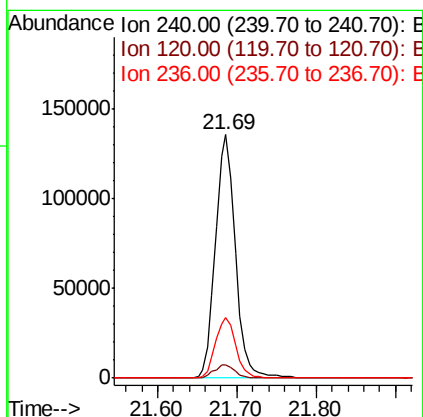
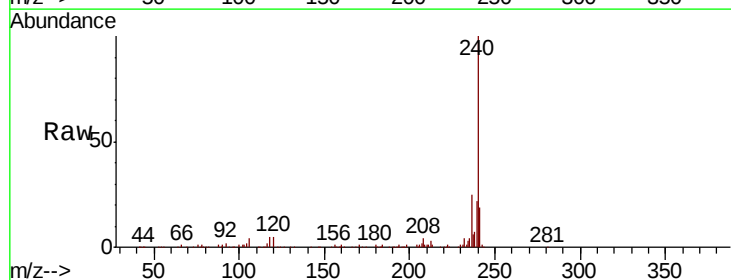
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SB-13-(13-15)

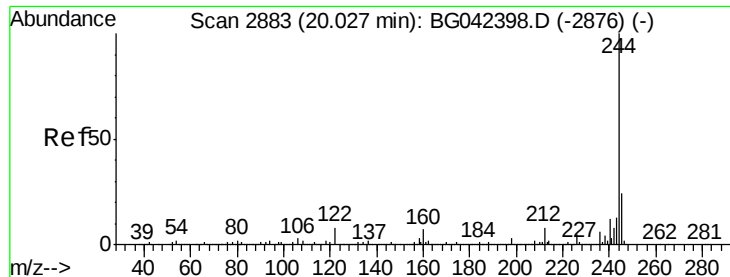
Tot Ion:188 Resp: 215132
Ion Ratio Lower Upper
188 100
94 4.8 4.5 6.7
80 5.3 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042716.D
Acq: 4 Sep 2019 20:32

Tgt Ion:240 Resp: 237943
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 24.9 21.0 31.4





#79

Terphenyl-d14

Concen: 103.140 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042716.D

Acq: 4 Sep 2019 20:32

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)

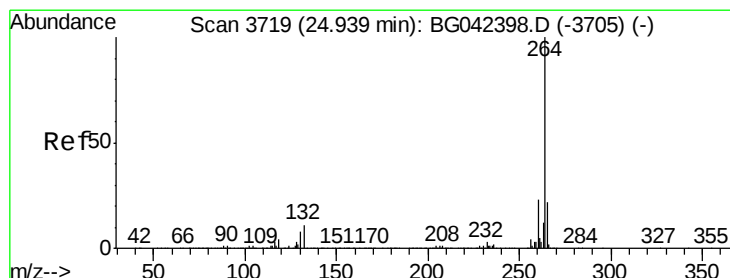
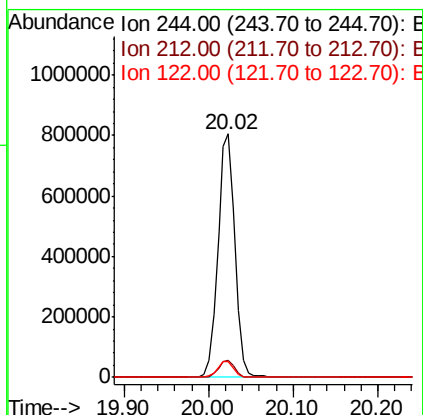
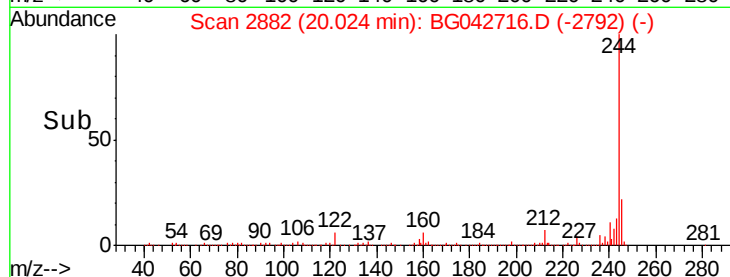
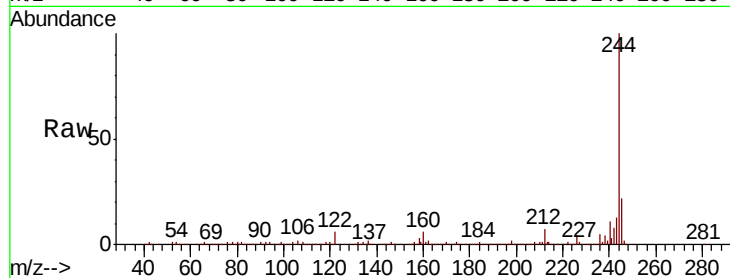
Tot Ion:244 Resp: 1135172

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 6.2 6.7 10.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042716.D

Acq: 4 Sep 2019 20:32

Tgt Ion:264 Resp: 278302

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 22.3 17.6 26.4

