

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042942.D
 Acq On : 30 Sep 2019 14:28
 Operator : JU
 Sample : K5083-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8

Quant Time: Oct 01 07:29:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

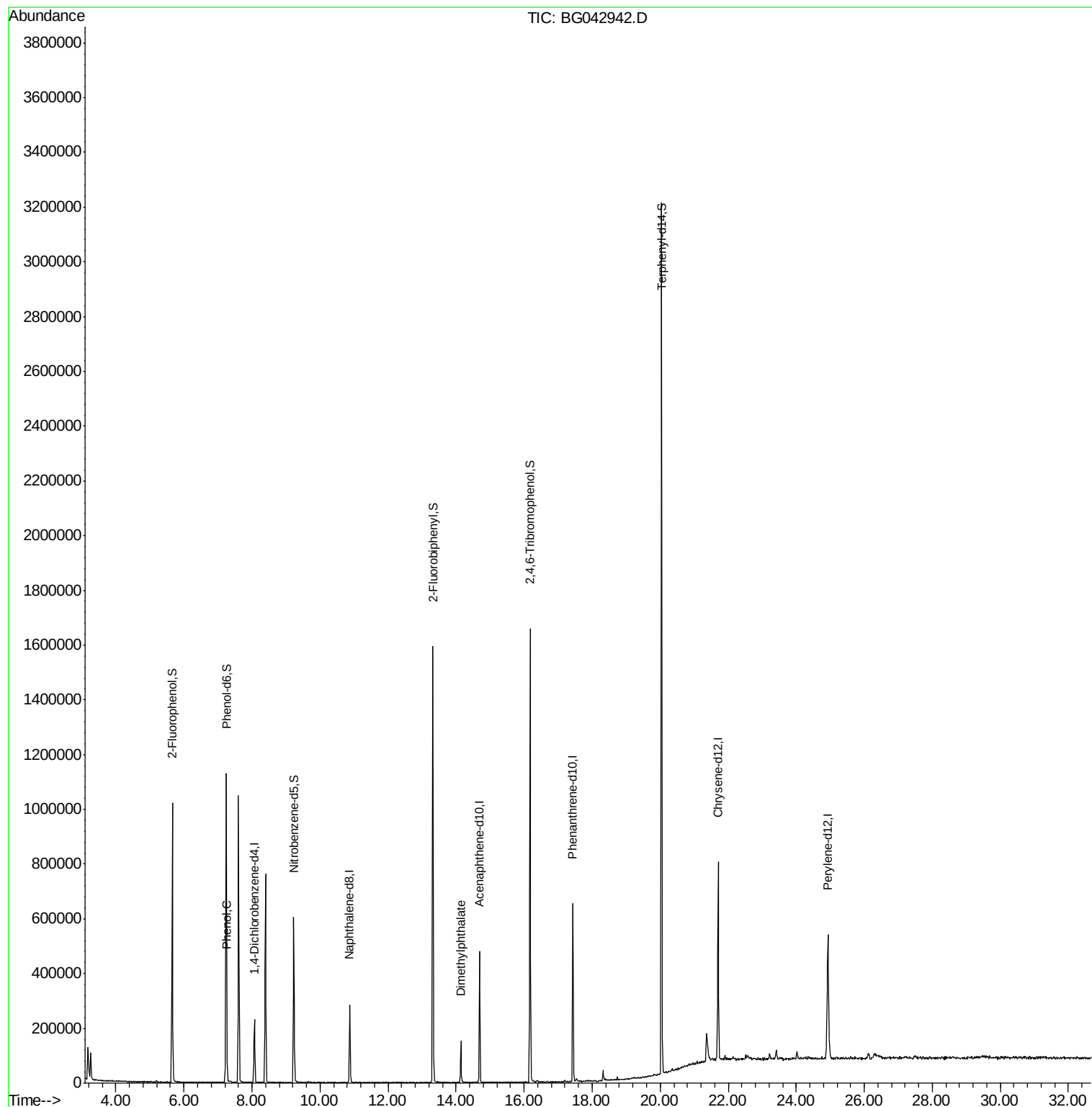
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63079	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	238013	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	169119	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	413796	20.00	ng	0.00
76) Chrysene-d12	21.70	240	456423	20.00	ng	-0.01
87) Perylene-d12	24.93	264	522960	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	408872	115.68	ng	0.00
7) Phenol-d6	7.24	99	605697	119.00	ng	0.00
23) Nitrobenzene-d5	9.23	82	376324	76.85	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	337533	116.07	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	843397	72.30	ng	0.00
79) Terphenyl-d14	20.05	244	1582570	73.88	ng	0.00
Target Compounds						
10) Phenol	7.27	94	17054	3.652	ng	83
50) Dimethylphthalate	14.14	163	98940	7.808	ng	99

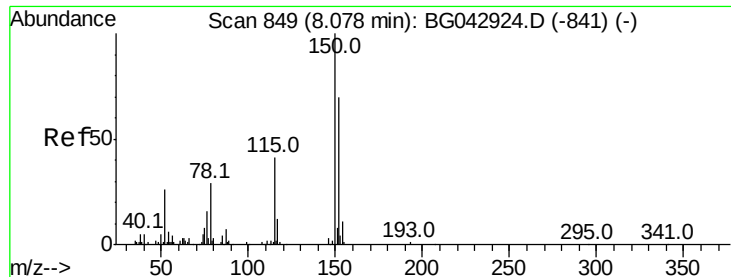
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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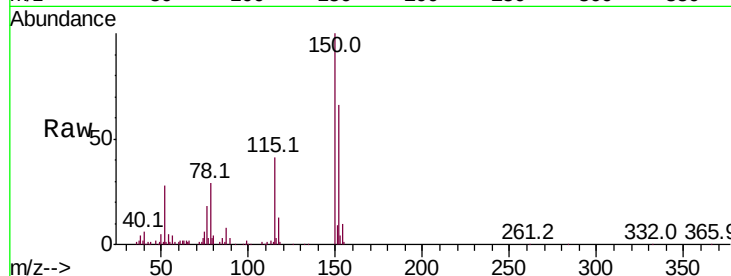


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG042942.D
 Acq: 30 Sep 2019 14:28

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	115.0	172.4
115	62.4	47.0	70.6

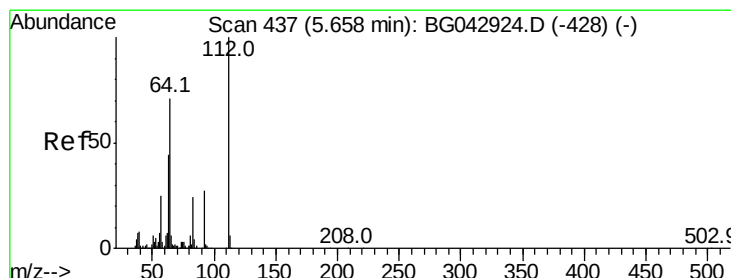
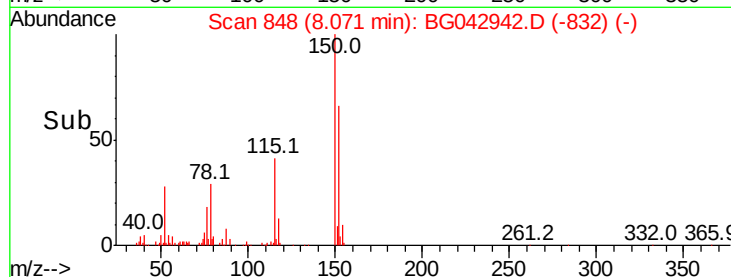
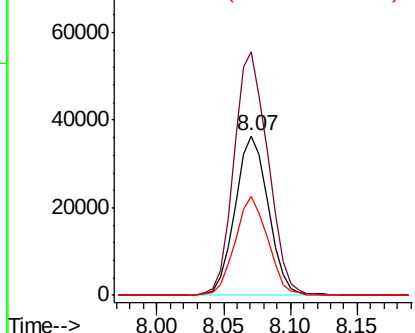


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

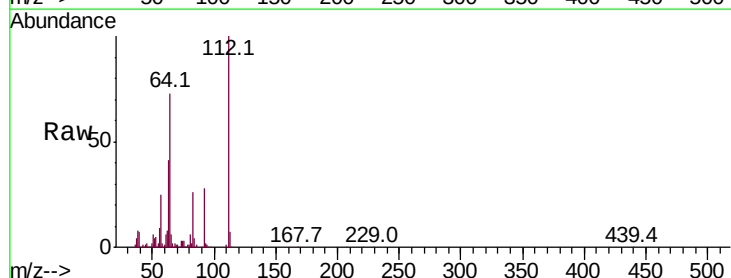
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 115.677 ng
 RT: 5.66 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BG042942.D
 Acq: 30 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.6	84.8
63	41.1	35.1	52.7

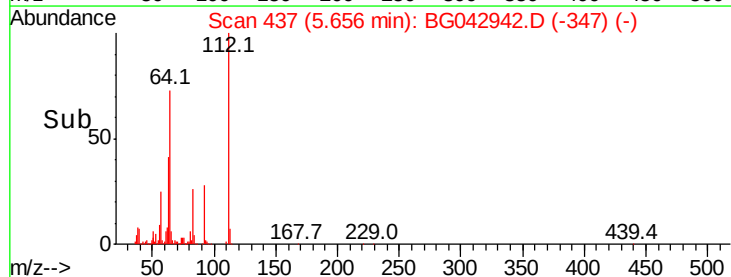
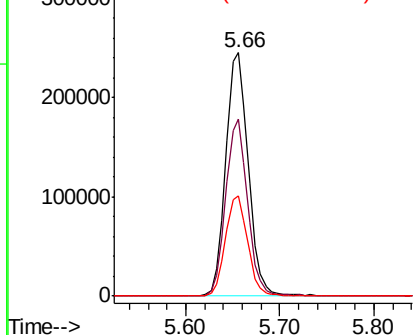


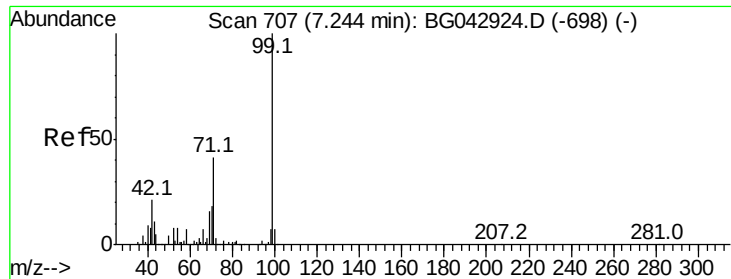
Abundance

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: 118.997 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042942.D

Acq: 30 Sep 2019 14:28

Instrument :

BNA_G

ClientSampleId :

20190708-RR-COMPOSITE-8

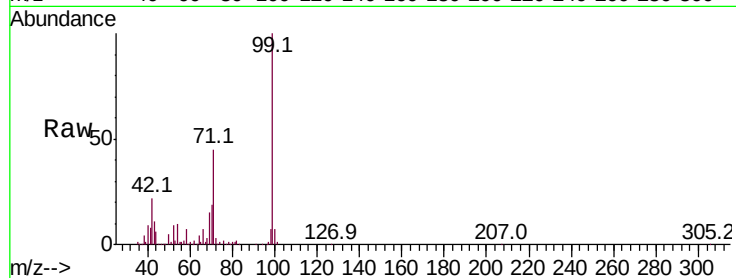
Tot Ion: 99 Resp: 605697

Ion Ratio Lower Upper

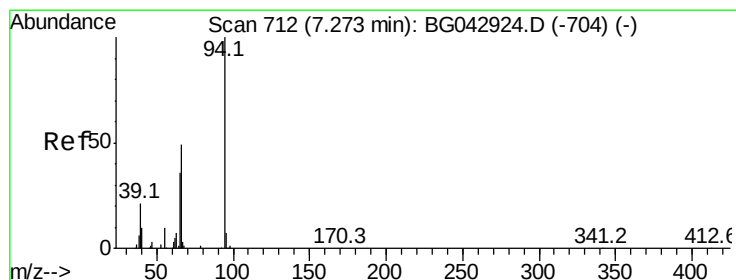
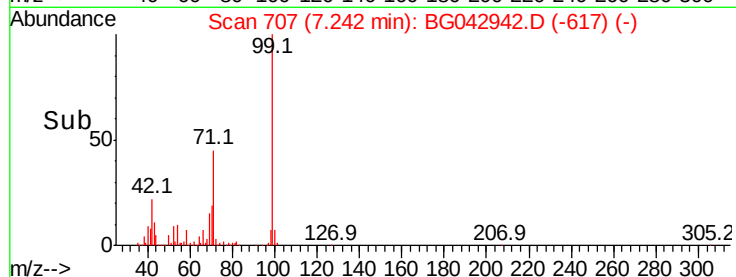
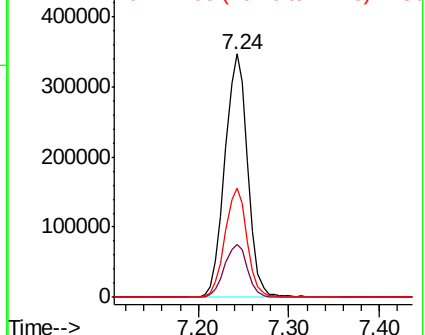
99 100

42 21.9 17.2 25.8

71 45.1 33.1 49.7



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: 3.652 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042942.D

Acq: 30 Sep 2019 14:28

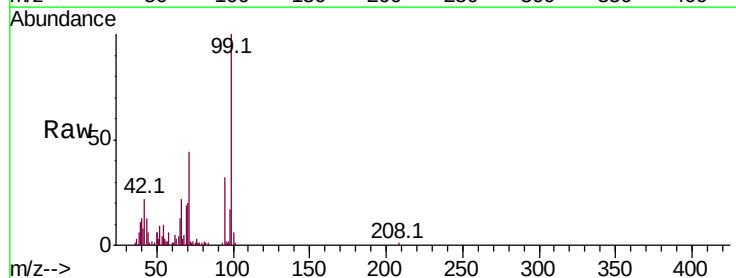
Tgt Ion: 94 Resp: 17054

Ion Ratio Lower Upper

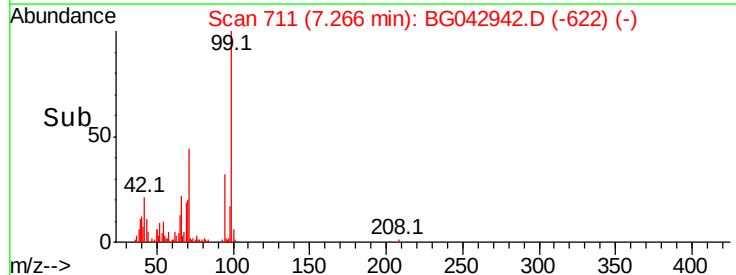
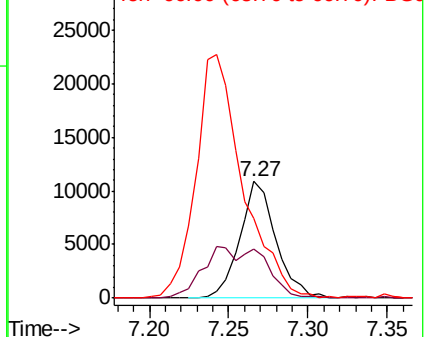
94 100

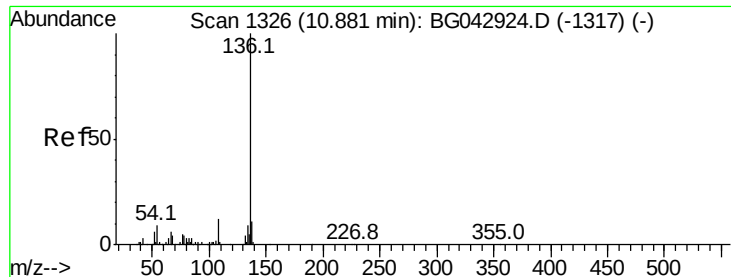
65 41.8 16.6 56.6

66 68.1 32.4 72.4



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

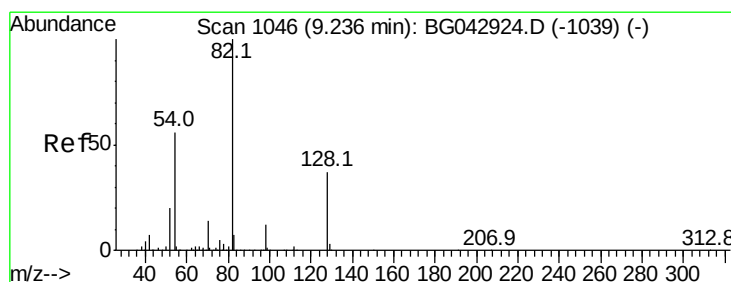
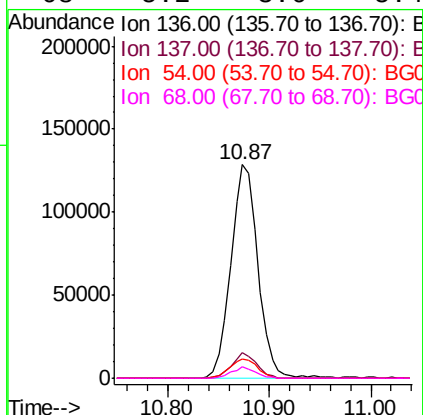
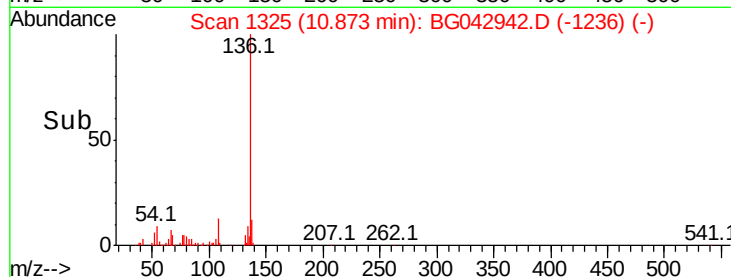
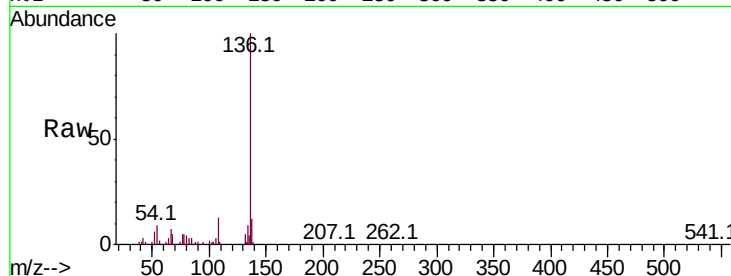




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042942.D
Acq: 30 Sep 2019 14:28

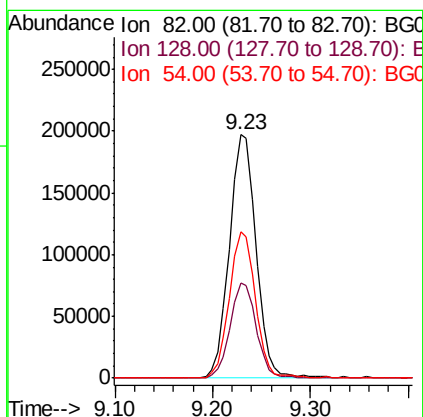
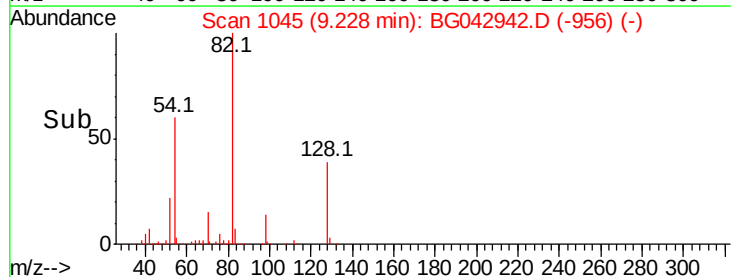
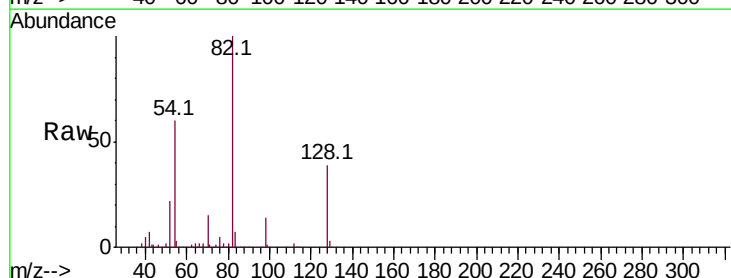
Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8

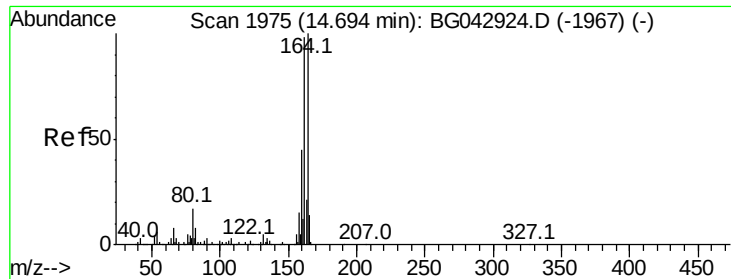
Tot Ion:	136	Resp:	238013
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	9.2	7.4	11.2
68	5.2	3.6	5.4



#23
Nitrobenzene-d5
Concen: 76.850 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042942.D
Acq: 30 Sep 2019 14:28

Tgt Ion:	82	Resp:	376324
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.5	44.3
54	59.9	44.6	67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042942.D

Acq: 30 Sep 2019 14:28

Instrument :

BNA_G

ClientSampleId :

20190708-RR-COMPOSITE-8

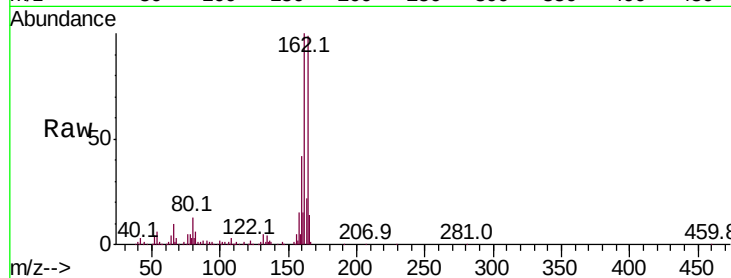
Tot Ion:164 Resp: 169119

Ion Ratio Lower Upper

164 100

162 100.6 78.5 117.7

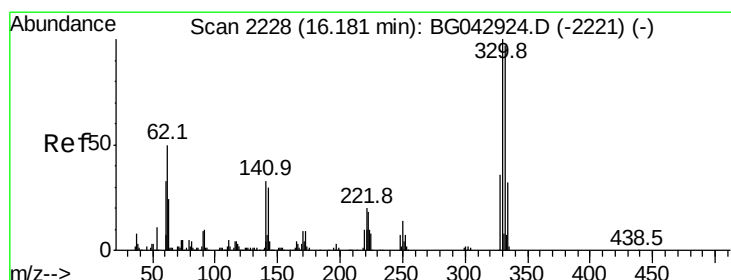
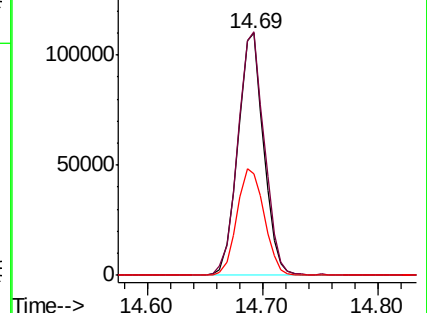
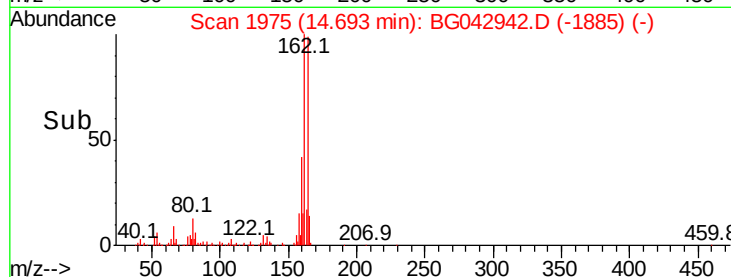
160 41.8 35.9 53.9



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: 116.066 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042942.D

Acq: 30 Sep 2019 14:28

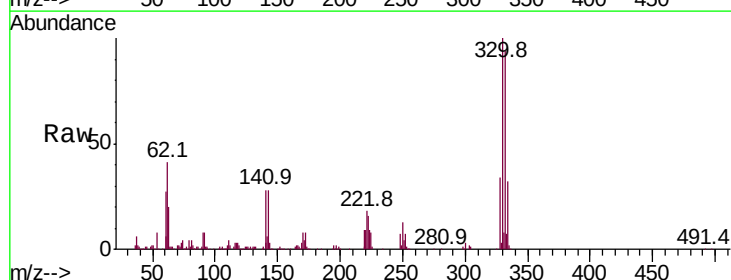
Tgt Ion:330 Resp: 337533

Ion Ratio Lower Upper

330 100

332 95.2 78.2 117.2

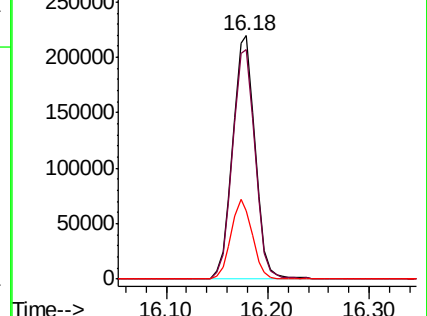
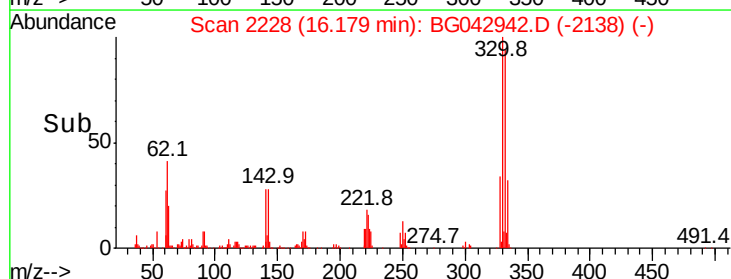
141 31.7 26.0 39.0

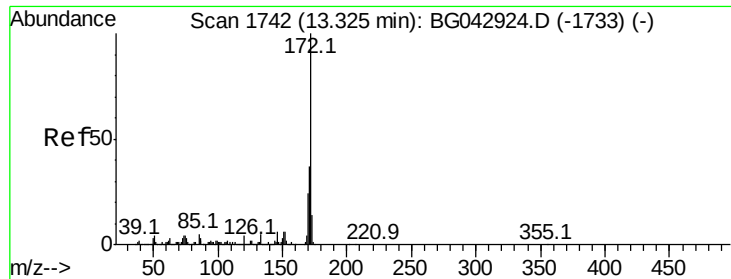


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

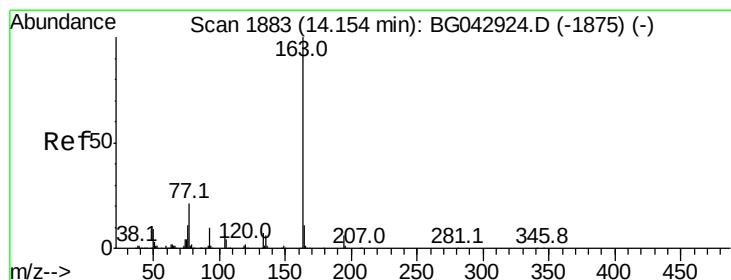
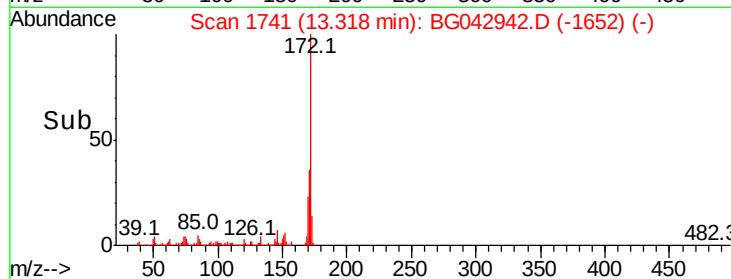
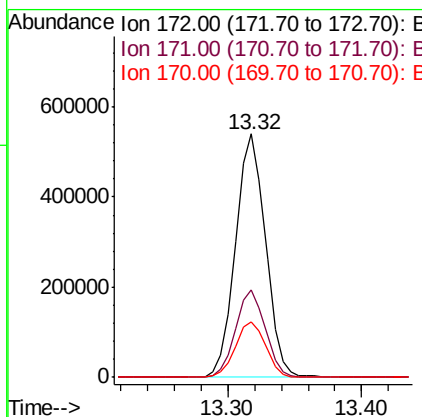
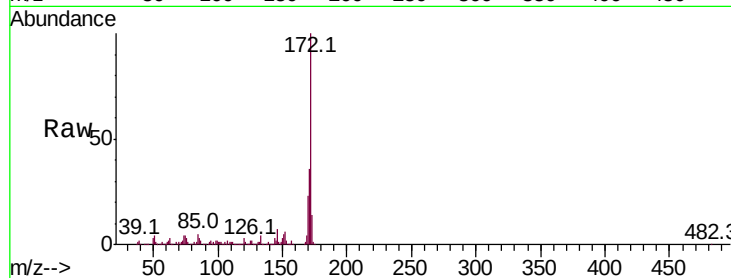




#45
 2-Fluorobiphenyl
 Concen: 72.296 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042942.D
 Acq: 30 Sep 2019 14:28

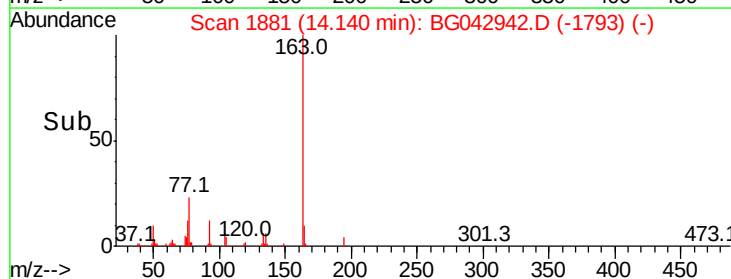
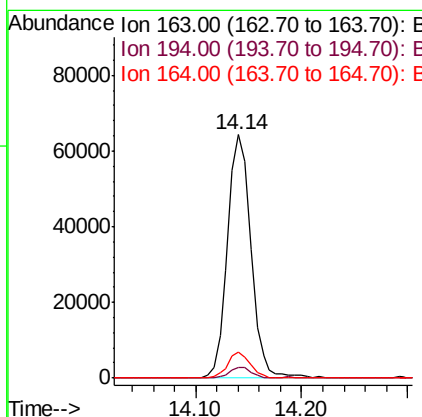
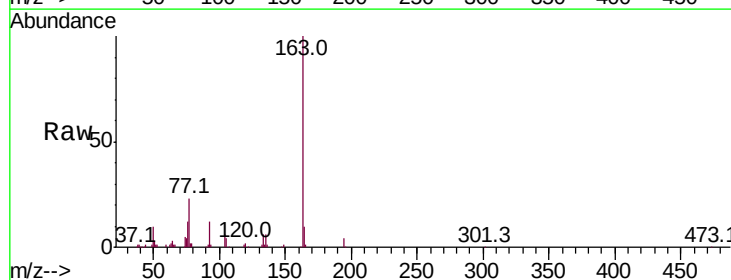
Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8

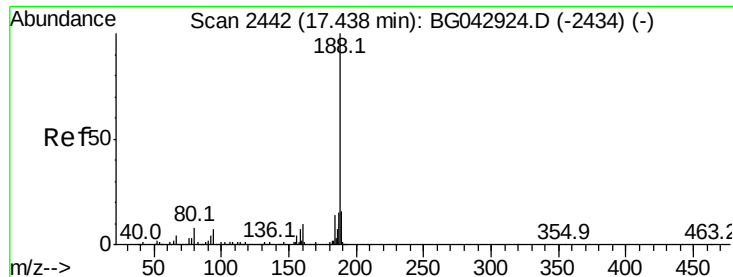
Tot Ion:	172	Resp:	843397
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.8	19.6	29.4



#50
 Dimethylphthalate
 Concen: 7.808 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG042942.D
 Acq: 30 Sep 2019 14:28

Tgt Ion:	163	Resp:	98940
Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.4	6.6
164	10.5	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042942.D

Acq: 30 Sep 2019 14:28

Instrument :

BNA_G

ClientSampleId :

20190708-RR-COMPOSITE-8

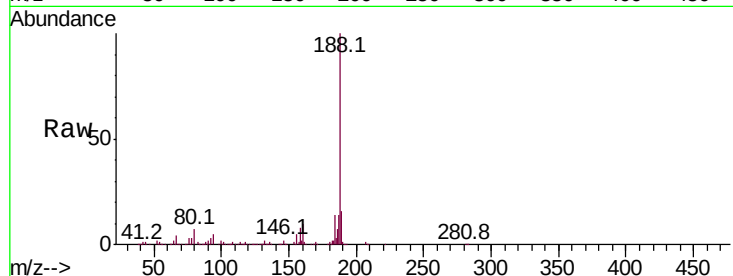
Tot Ion:188 Resp: 413796

Ion Ratio Lower Upper

188 100

94 5.0 5.7 8.5#

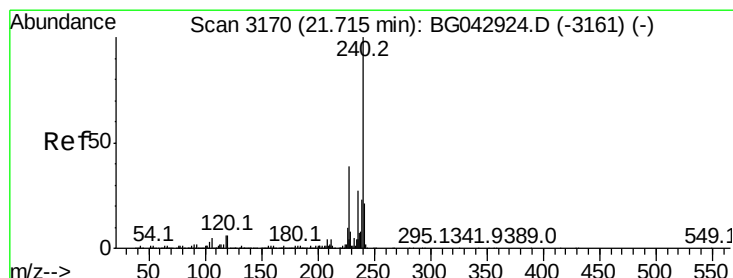
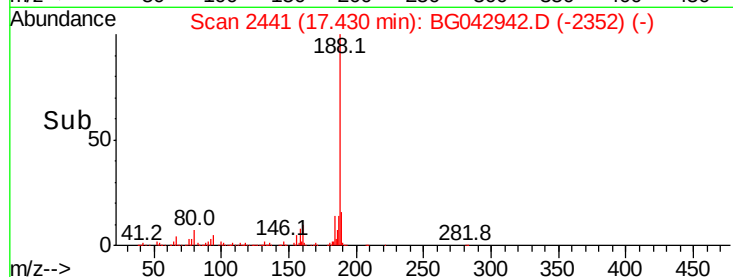
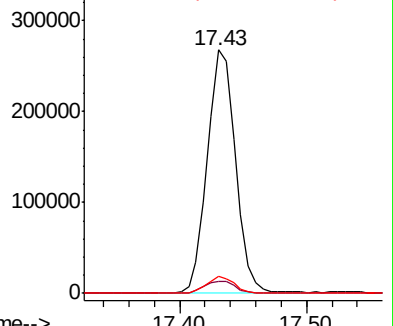
80 7.1 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042942.D

Acq: 30 Sep 2019 14:28

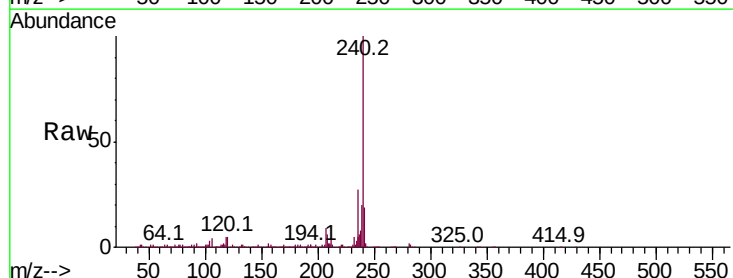
Tgt Ion:240 Resp: 456423

Ion Ratio Lower Upper

240 100

120 4.7 4.8 7.2#

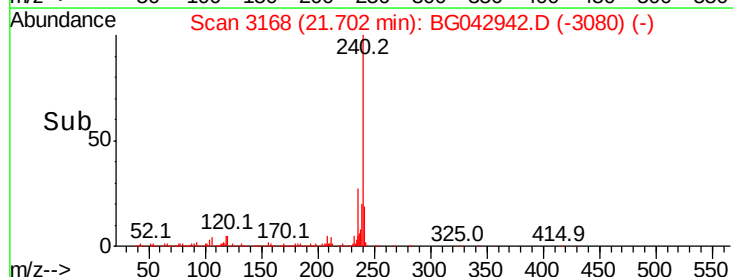
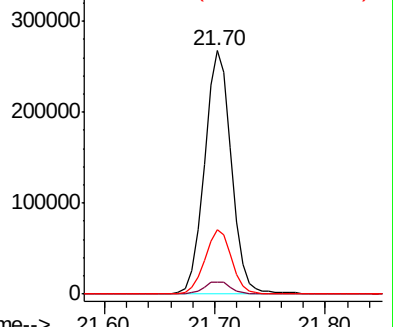
236 26.5 21.4 32.0

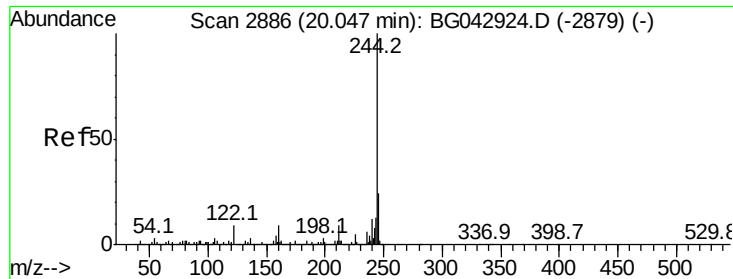


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.885 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG042942.D

Acq: 30 Sep 2019 14:28

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ClientSampleId :

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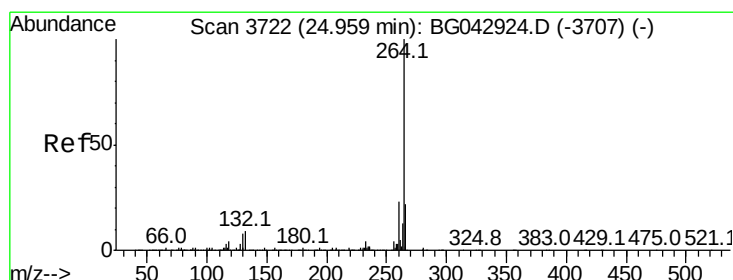
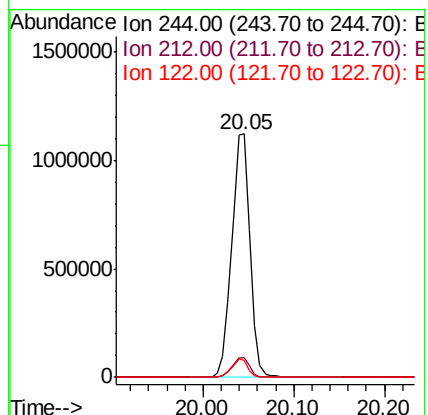
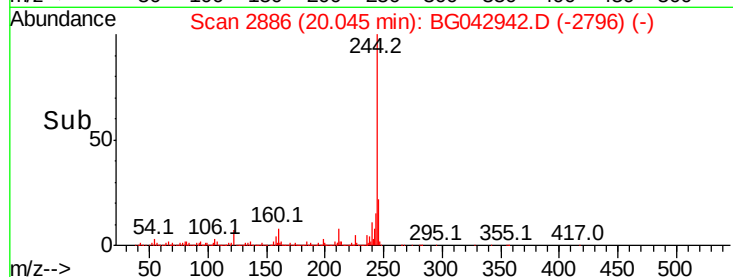
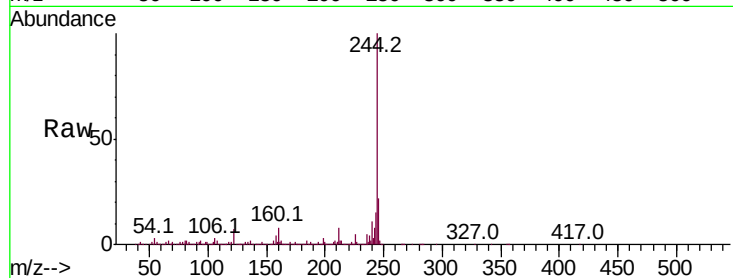
Tot Ion:244 Resp: 1582570

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.0

122 7.0 7.0 10.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.03 min

Lab File: BG042942.D

Acq: 30 Sep 2019 14:28

Tgt Ion:264 Resp: 522960

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.3 17.7 26.5

