

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042574.D
 Acq On : 29 Aug 2019 20:49
 Operator : HP/JU
 Sample : K4549-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619

Quant Time: Aug 30 05:55:40 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

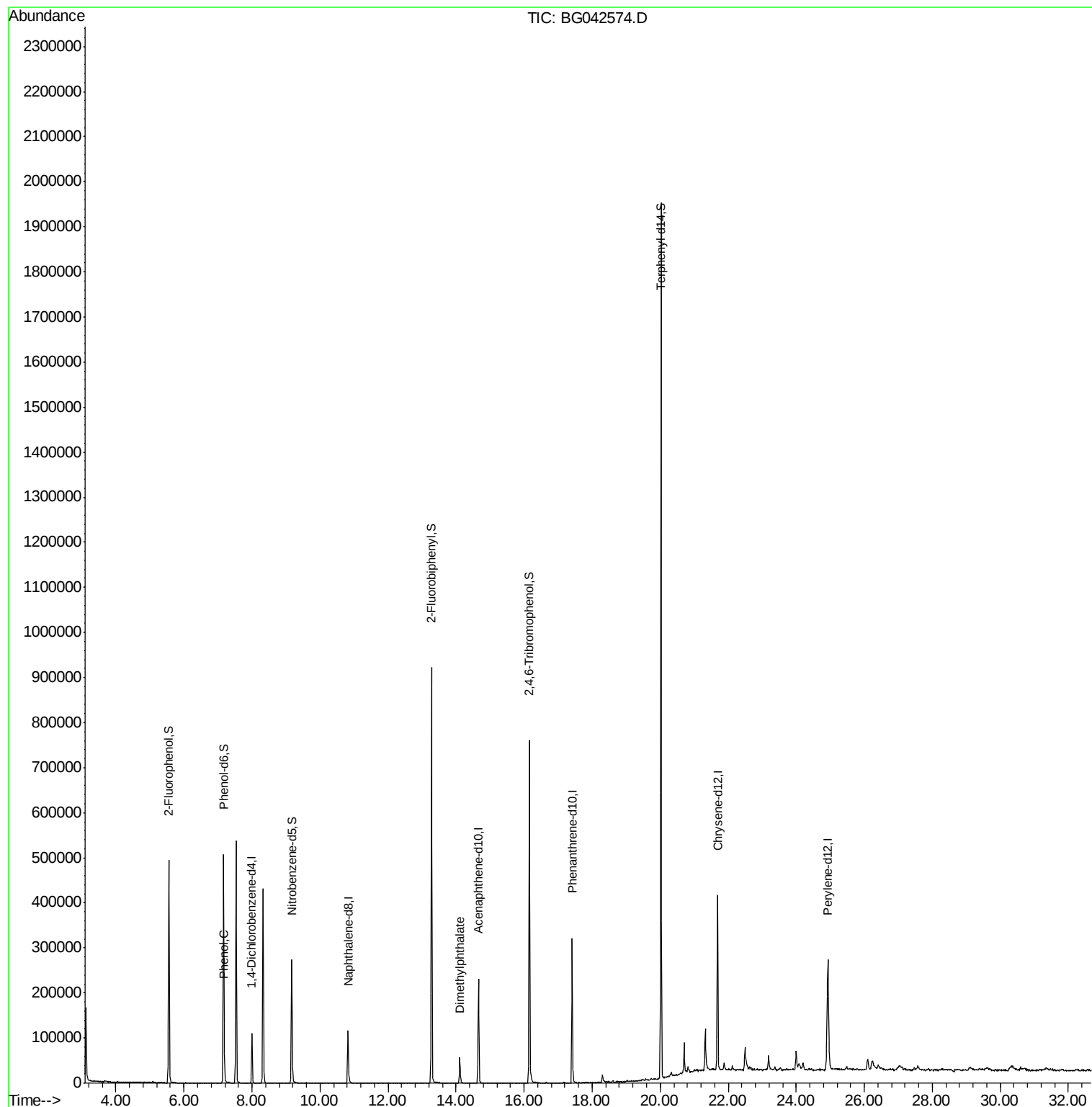
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36010	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133211	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98502	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	232905	20.00	ng	0.00
76) Chrysene-d12	21.68	240	257581	20.00	ng	-0.01
87) Perylene-d12	24.93	264	303554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	248999	140.04	ng	0.00
7) Phenol-d6	7.17	99	331144	137.88	ng	0.00
23) Nitrobenzene-d5	9.17	82	186284	96.64	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	203987	145.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	564935	97.00	ng	0.00
79) Terphenyl-d14	20.02	244	1039764	87.27	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7749	3.173	ng	Qvalue # 68
50) Dimethylphthalate	14.11	163	60745	8.547	ng	98

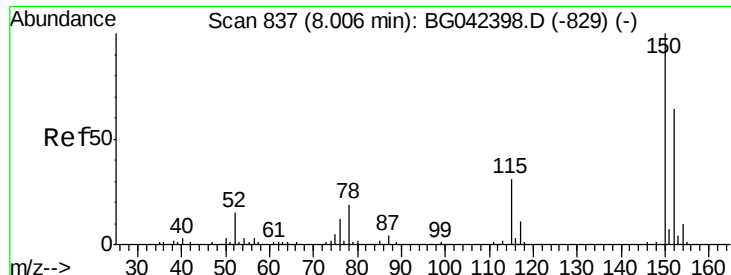
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG042574.D

Acq: 29 Aug 2019 20:49

Instrument :

BNA_G

ClientSampleId :

S700A-N-1.0-1.5-082619

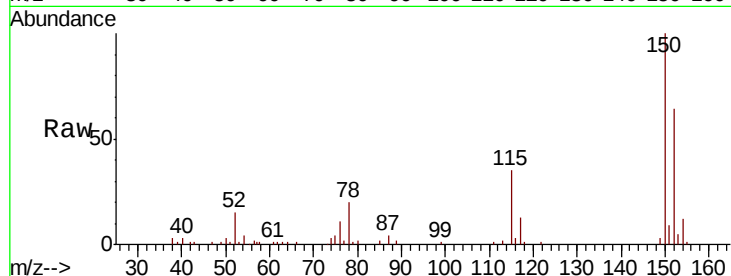
Tot Ion:152 Resp: 36010

Ion Ratio Lower Upper

152 100

150 155.9 125.4 188.0

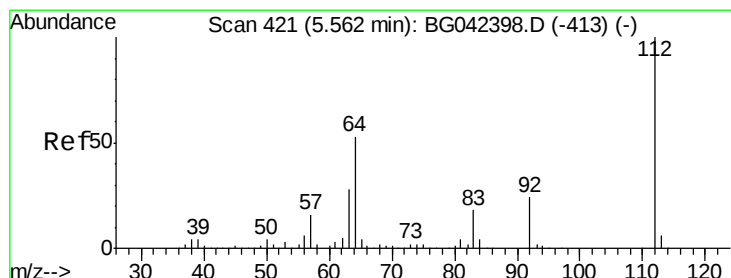
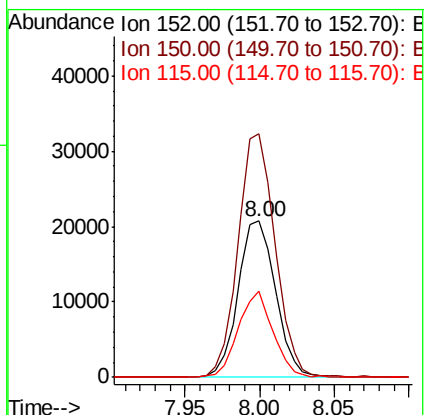
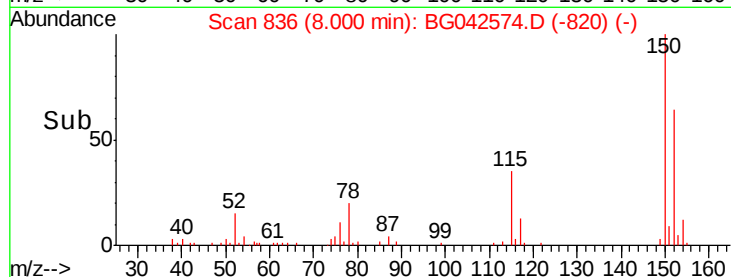
115 54.9 38.5 57.7



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: 140.043 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042574.D

Acq: 29 Aug 2019 20:49

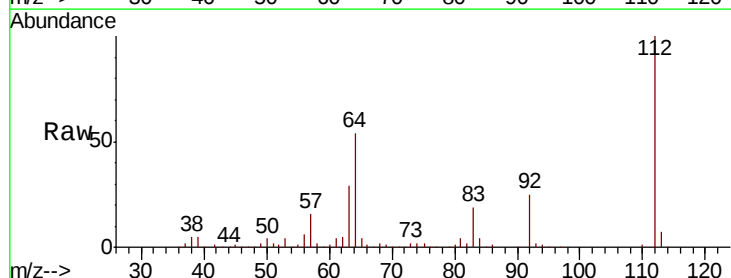
Tgt Ion:112 Resp: 248999

Ion Ratio Lower Upper

112 100

64 53.8 42.8 64.2

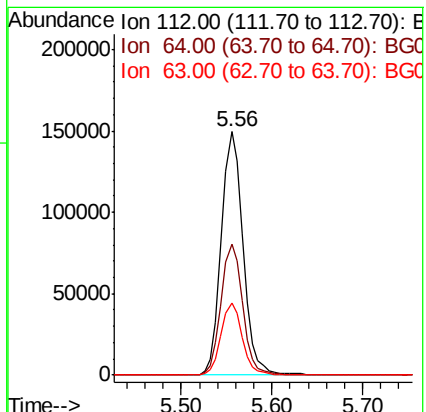
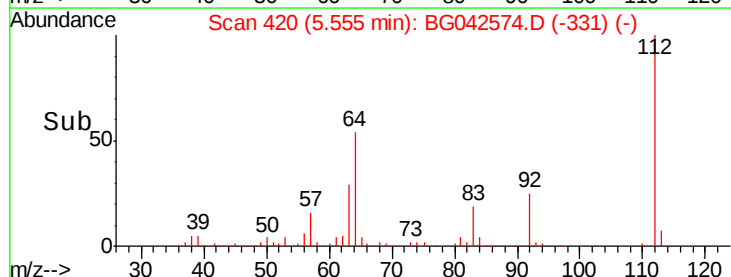
63 29.4 22.7 34.1

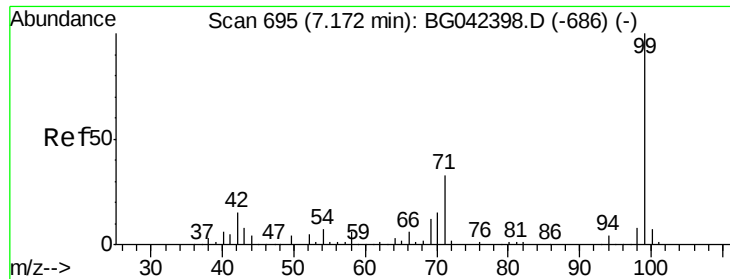


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.879 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042574.D

Acq: 29 Aug 2019 20:49

Instrument :

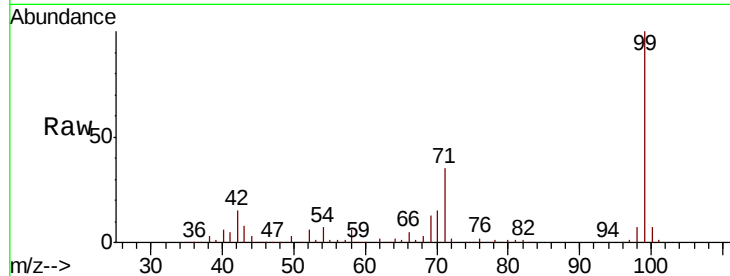
BNA_G

ClientSampleId :

S700A-N-1.0-1.5-082619

Tot Ion: 99 Resp: 331144

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.0	18.0
71	35.1	26.3	39.5

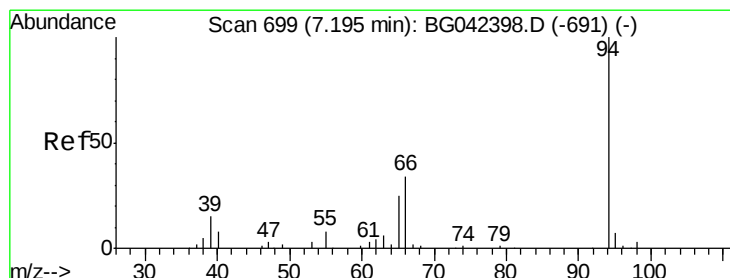
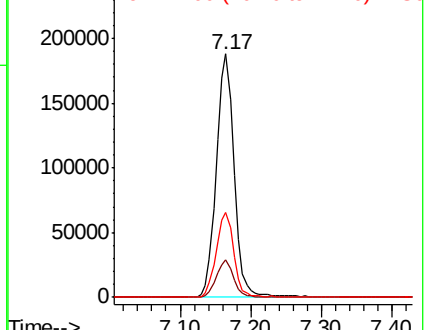
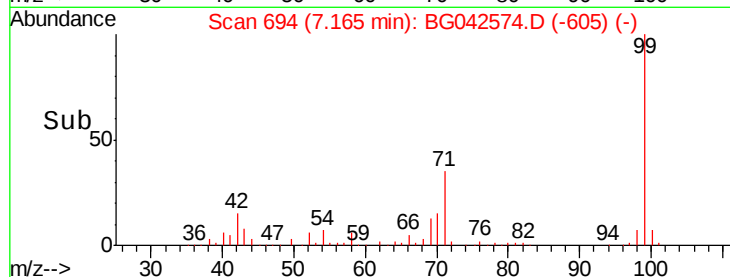


Abundance

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: 3.173 ng

RT: 7.19 min Scan# 698

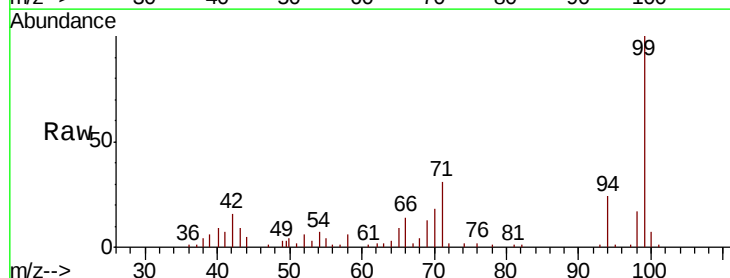
Delta R.T. -0.01 min

Lab File: BG042574.D

Acq: 29 Aug 2019 20:49

Tgt Ion: 94 Resp: 7749

Ion	Ratio	Lower	Upper
94	100		
65	38.0	5.6	45.6
66	58.4	16.0	56.0

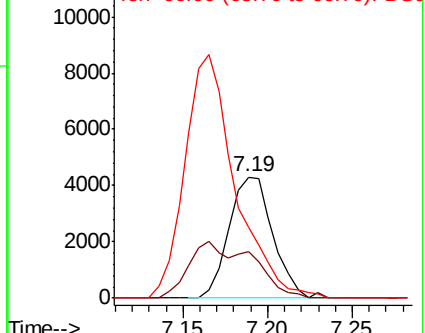
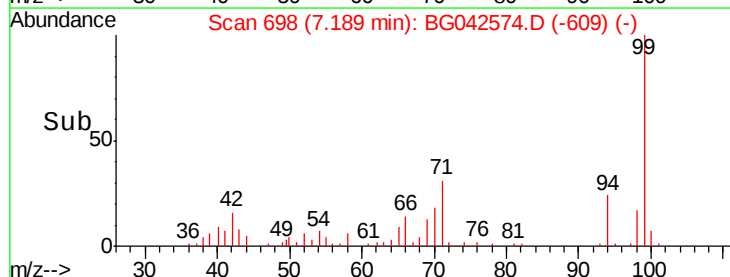


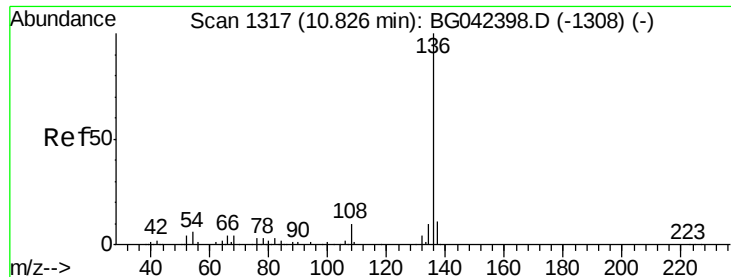
Abundance

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

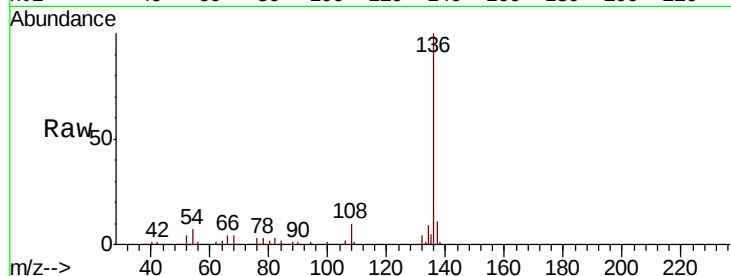




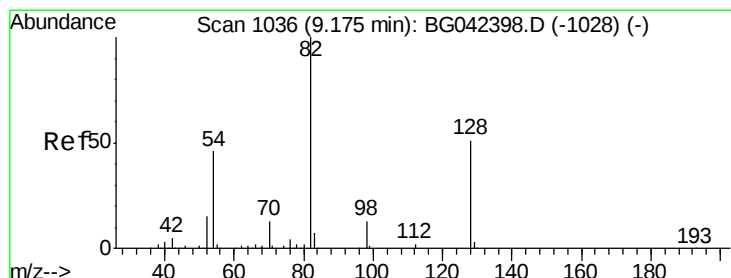
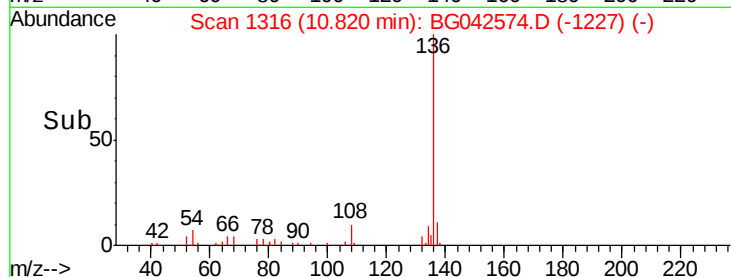
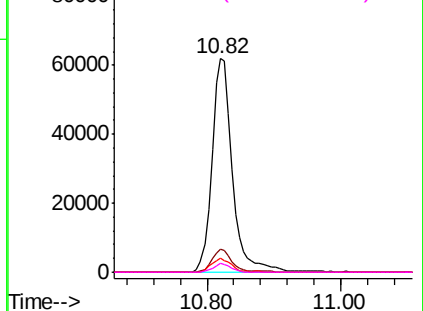
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619

Tot Ion:136	Resp:	133211
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 6.8	4.9	7.3
68 4.1	3.6	5.4

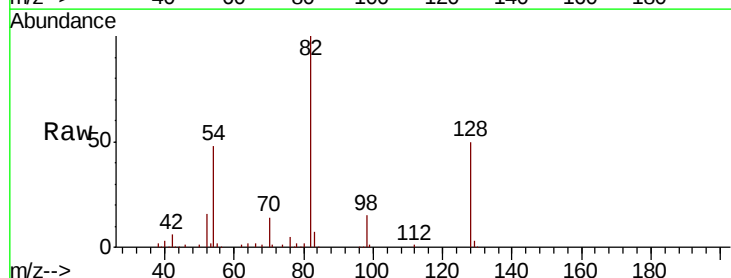


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

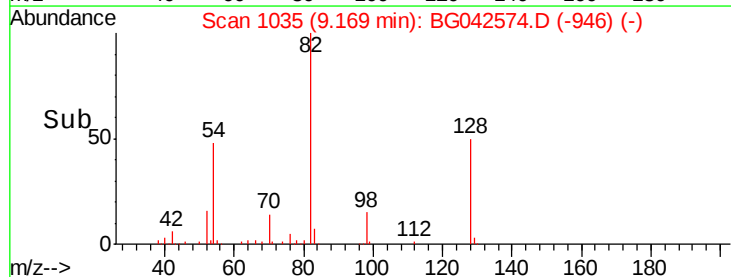
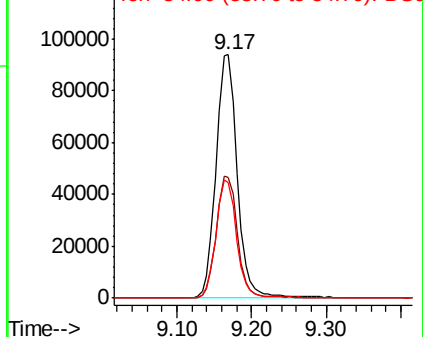


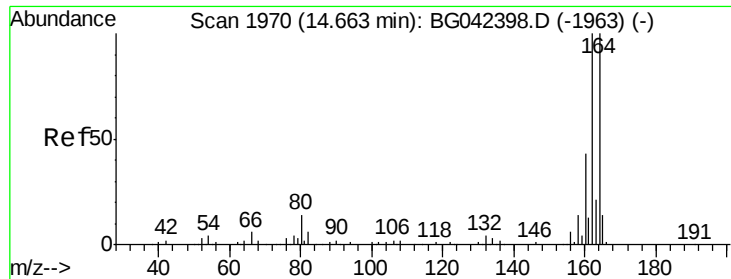
#23
Nitrobenzene-d5
Concen: 96.636 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Tgt Ion	82	Resp: Lower	186284 Upper
	Ratio		
82	100		
128	49.8	40.7	61.1
54	47.7	36.3	54.5



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

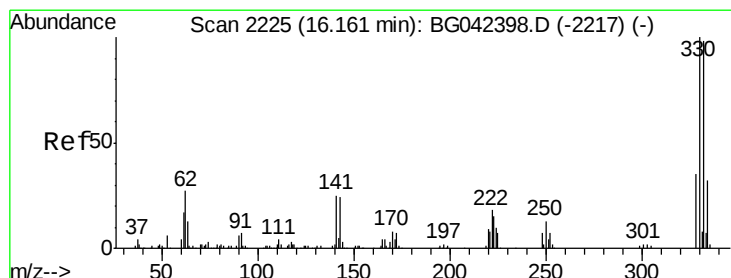
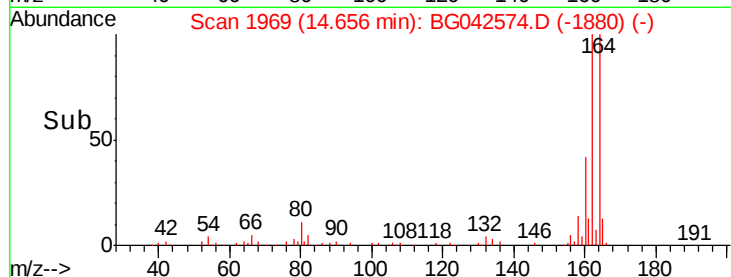
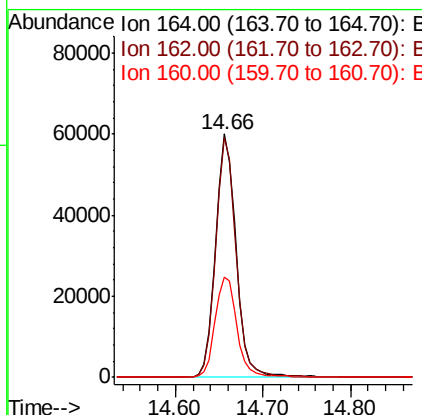
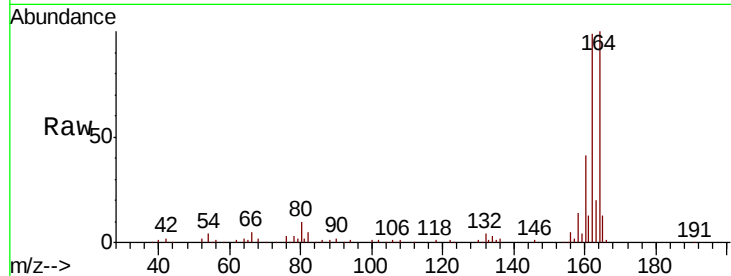




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

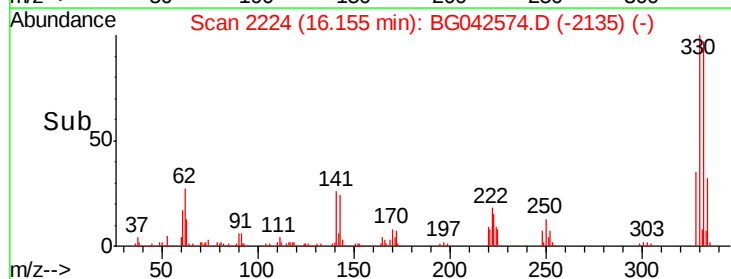
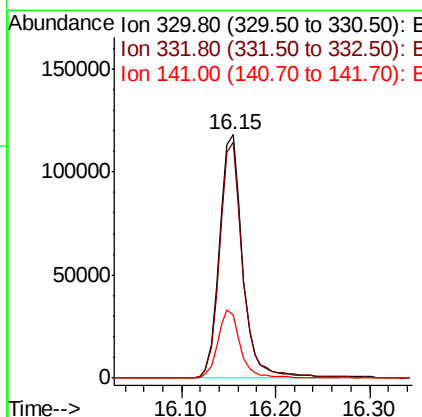
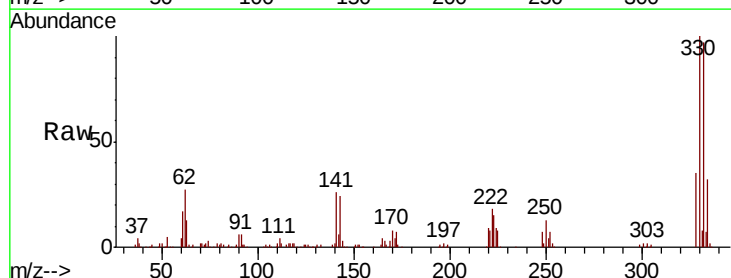
Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619

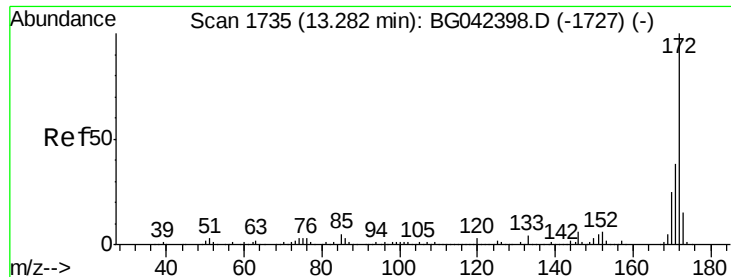
Tot Ion:164 Resp: 98502
Ion Ratio Lower Upper
164 100
162 98.6 79.9 119.9
160 41.0 34.3 51.5



#42
2,4,6-Tribromophenol
Concen: 145.700 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Tgt Ion:330 Resp: 203987
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 27.2 21.4 32.0

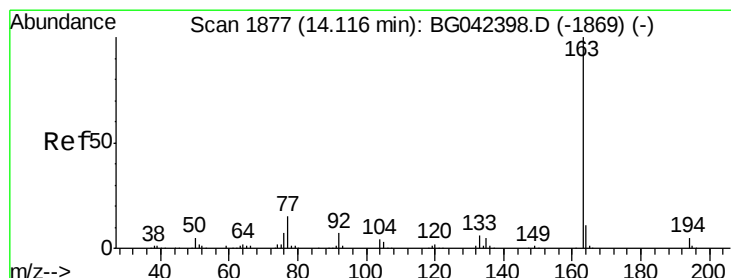
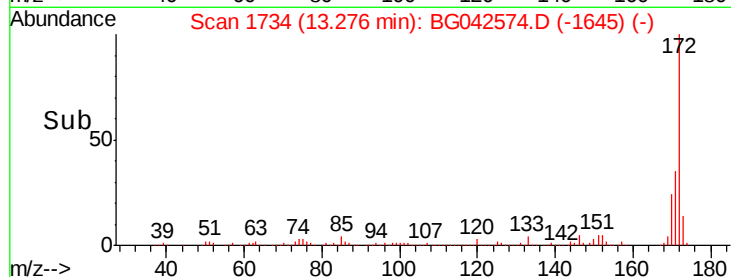
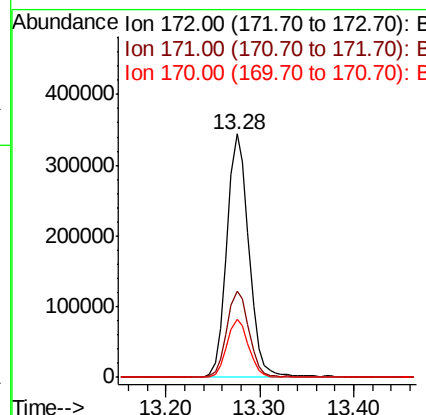
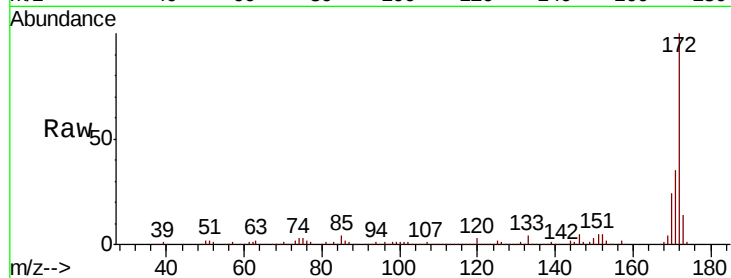




#45
2-Fluorobiphenyl
Concen: 97.000 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

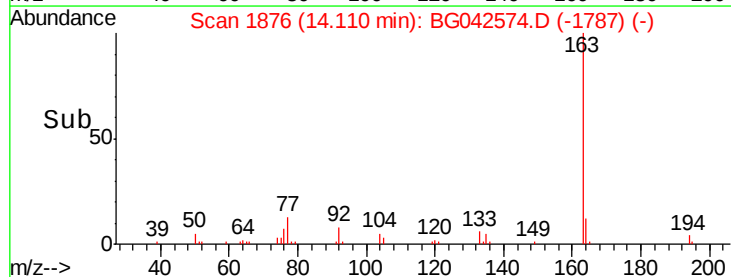
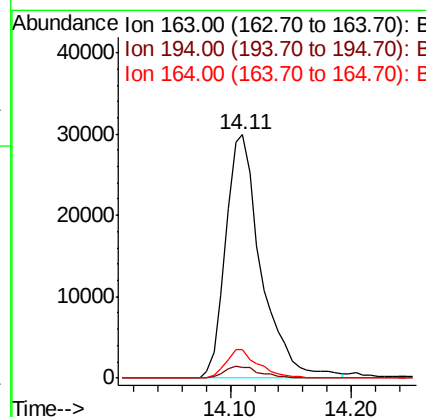
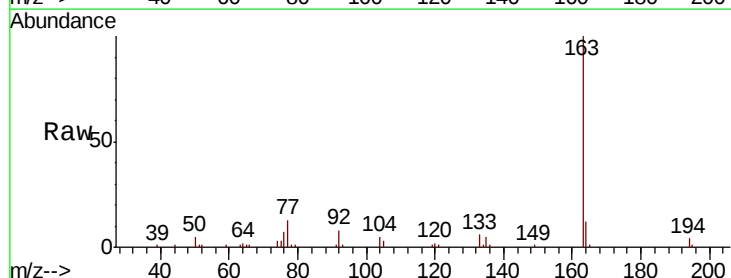
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S700A-N-1.0-1.5-082619

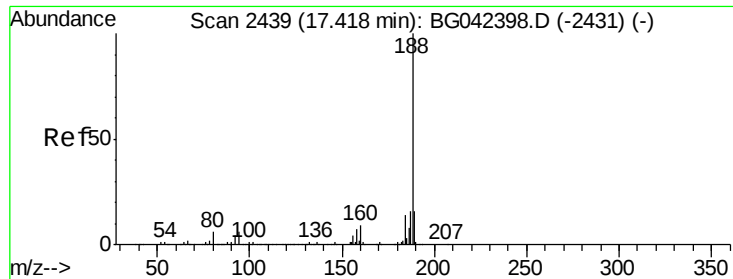
Tot Ion:172 Resp: 564935
Ion Ratio Lower Upper
172 100
171 35.3 30.5 45.7
170 24.0 20.2 30.2



#50
Dimethylphthalate
Concen: 8.547 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Tgt Ion:163 Resp: 60745
Ion Ratio Lower Upper
163 100
194 4.2 4.2 6.2
164 11.7 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: BG042574.D

Acq: 29 Aug 2019 20:49

Instrument :

BNA_G

ClientSampleId :

S700A-N-1.0-1.5-082619

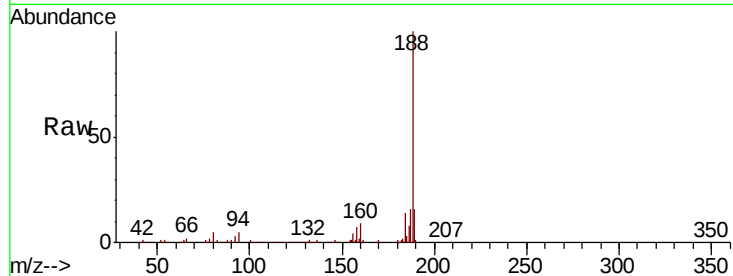
Tot Ion:188 Resp: 232905

Ion Ratio Lower Upper

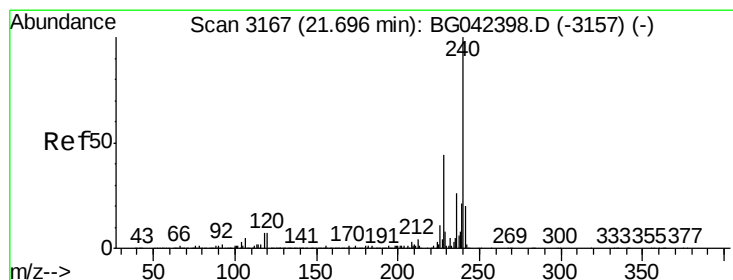
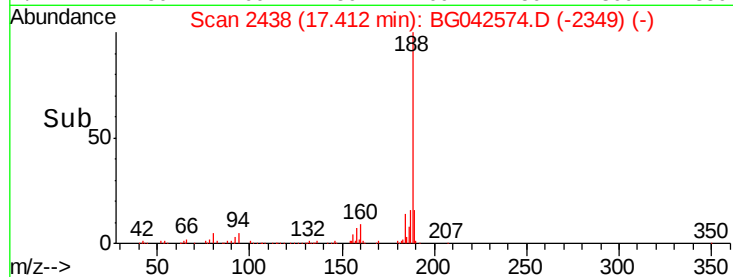
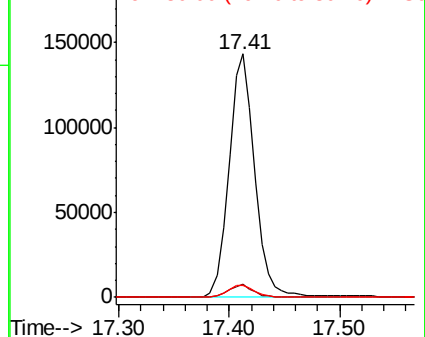
188 100

94 5.3 4.5 6.7

80 5.0 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: BG042574.D

Acq: 29 Aug 2019 20:49

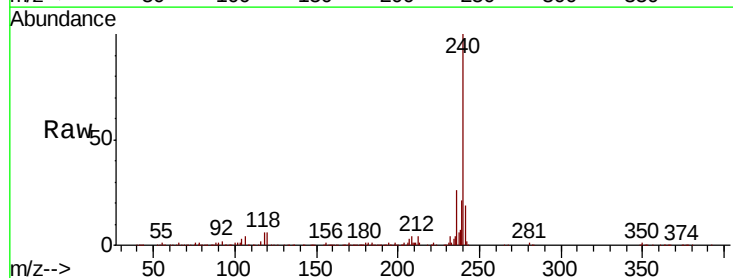
Tgt Ion:240 Resp: 257581

Ion Ratio Lower Upper

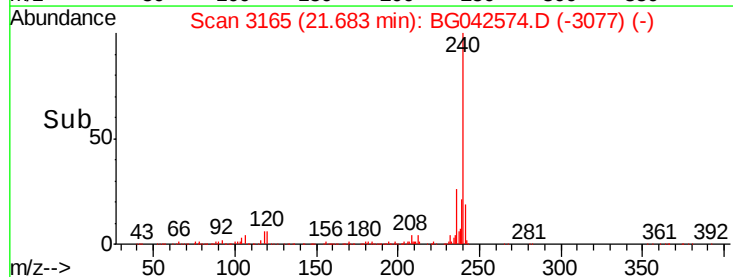
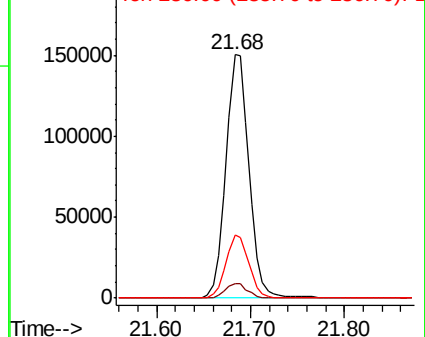
240 100

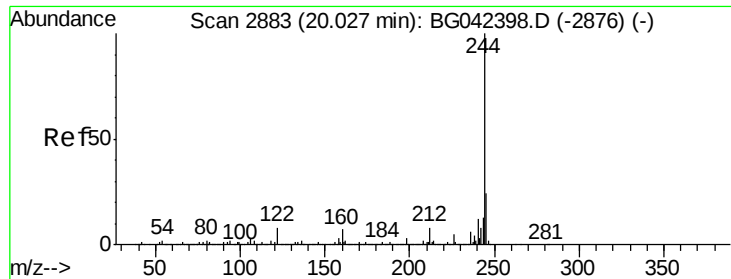
120 6.1 5.7 8.5

236 25.7 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

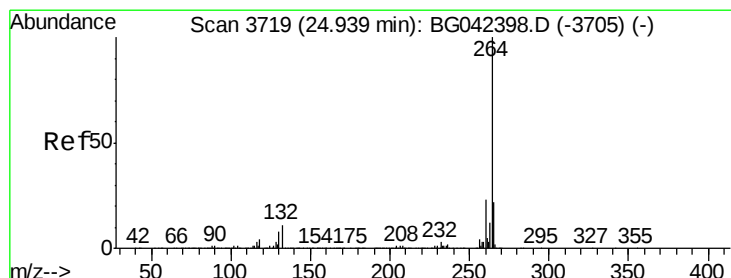
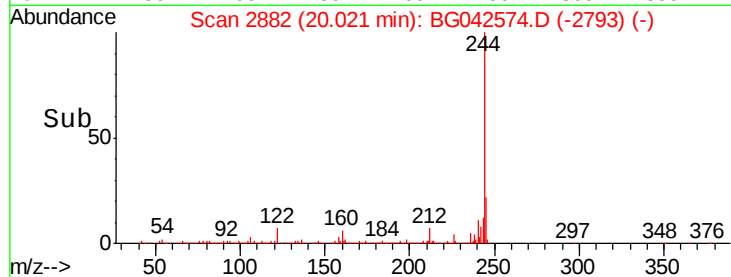
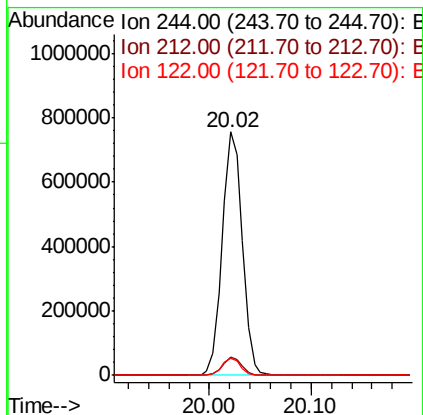
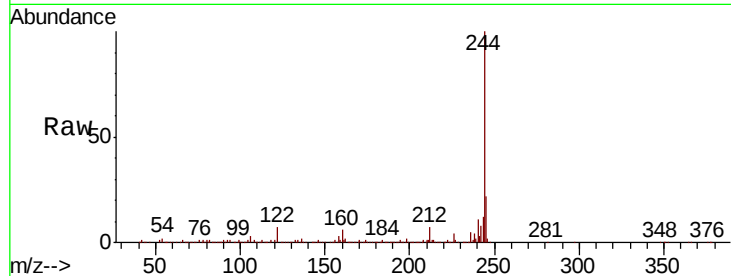




#79
 Terphenyl-d14
 Concen: 87.269 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042574.D
 Acq: 29 Aug 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619

Tot Ion:244 Resp: 1039764
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.0 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: BG042574.D
 Acq: 29 Aug 2019 20:49

Tgt Ion:264 Resp: 303554
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.6 17.6 26.4

