

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082319\
 Data File : BG042443.D
 Acq On : 23 Aug 2019 21:21
 Operator : HP/JU
 Sample : K4365-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0602-COMP-BH-3

Quant Time: Aug 24 02:11:09 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

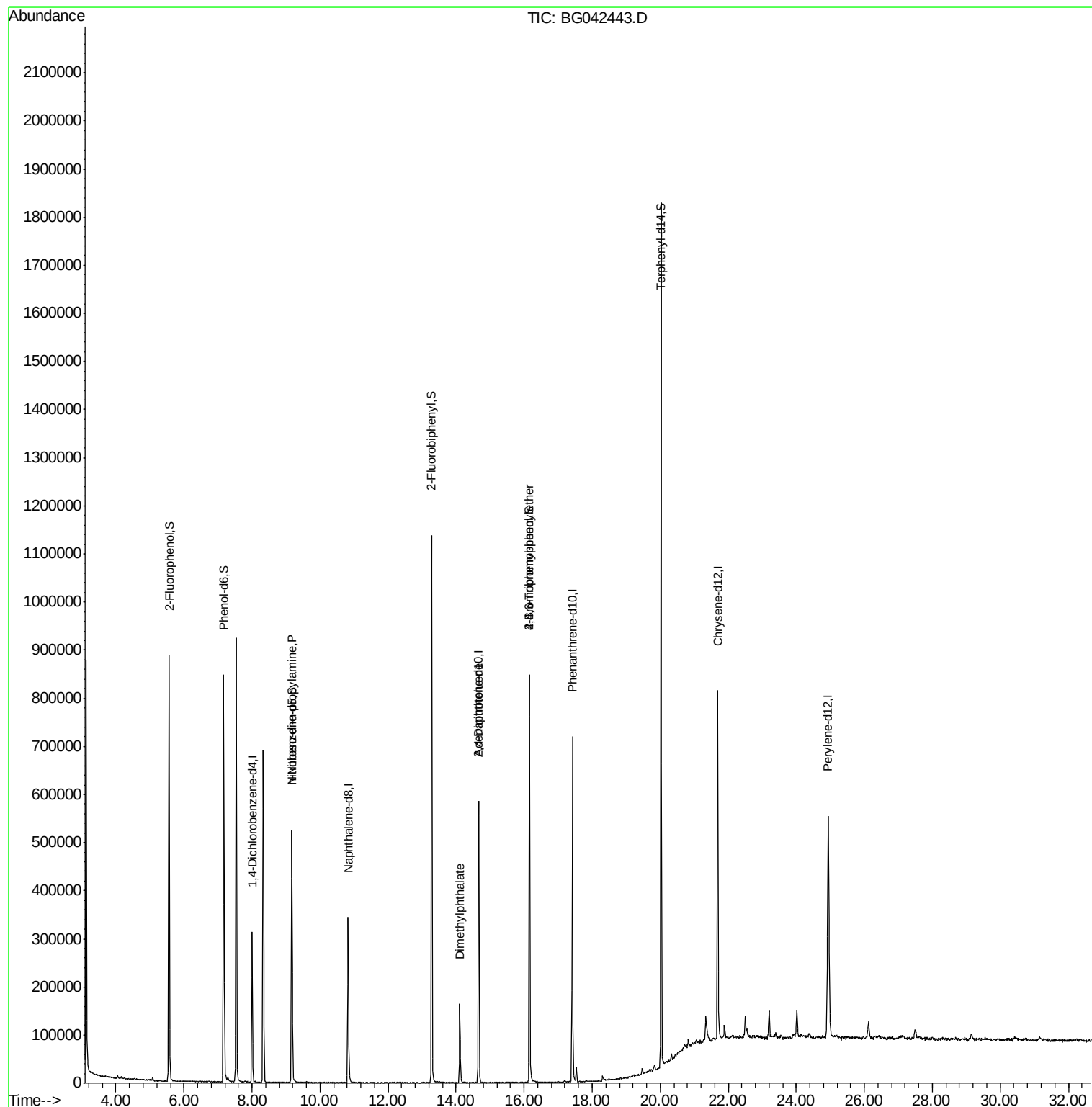
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	106828	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	361033	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	234704	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	462328	20.00	ng	0.00
76) Chrysene-d12	21.69	240	450255	20.00	ng	0.00
87) Perylene-d12	24.94	264	520802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	467138	88.56	ng	0.00
7) Phenol-d6	7.17	99	629718	88.38	ng	0.00
23) Nitrobenzene-d5	9.17	82	358967	68.71	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	195651	58.65	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	684475	49.32	ng	0.00
79) Terphenyl-d14	20.03	244	871513	41.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	45123	9.776	ng	Qvalue # 75
50) Dimethylphthalate	14.11	163	150677	8.897	ng	97
57) 2,4-Dinitrotoluene	14.66	165	30547	5.434	ng	# 40
67) 4-Bromophenyl-phenylether	16.15	248	14126	2.409	ng	# 1

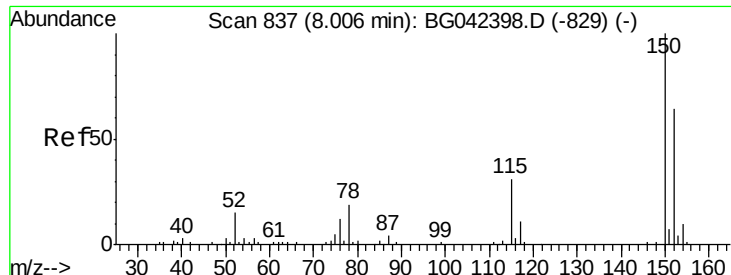
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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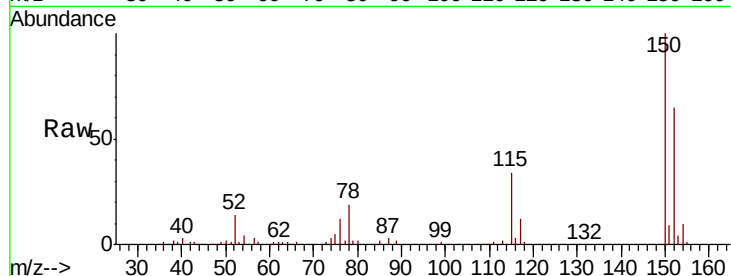


#1

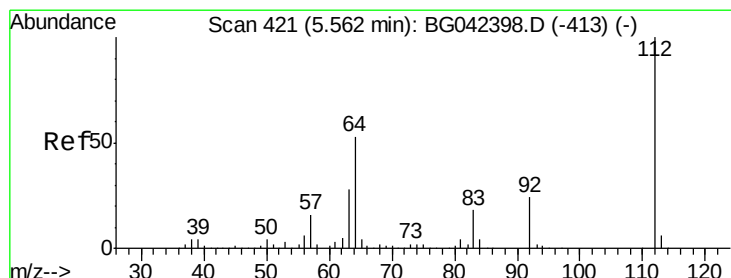
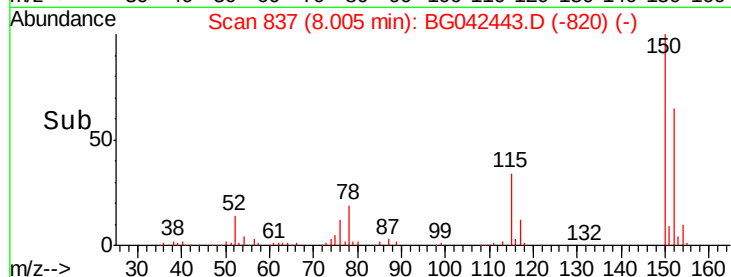
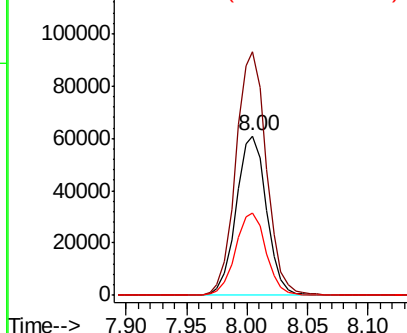
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042443.D
Acq: 23 Aug 2019 21:21

Instrument :
BNA_G
ClientSampleId :
0602-COMP-BH-3

Tgt Ion:152 Resp: 106828
Ion Ratio Lower Upper
152 100
150 152.8 125.4 188.0
115 51.8 38.5 57.7



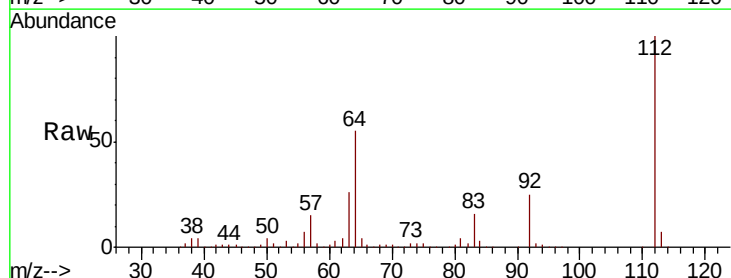
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



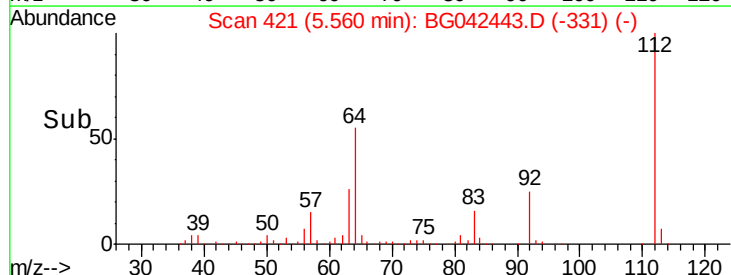
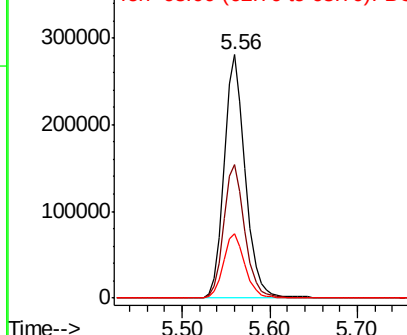
#5

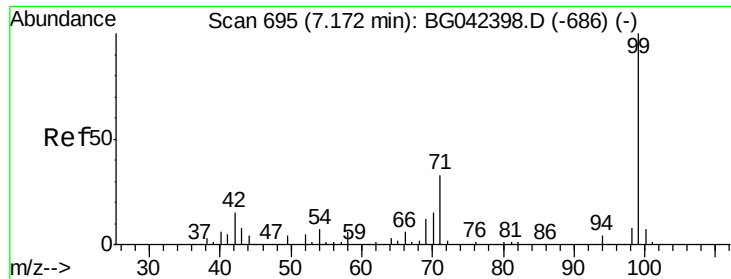
2-Fluorophenol
Concen: 88.562 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042443.D
Acq: 23 Aug 2019 21:21

Tgt Ion:112 Resp: 467138
Ion Ratio Lower Upper
112 100
64 55.0 42.8 64.2
63 26.2 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: 88.382 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042443.D

Acq: 23 Aug 2019 21:21

Instrument :

BNA_G

ClientSampleId :

0602-COMP-BH-3

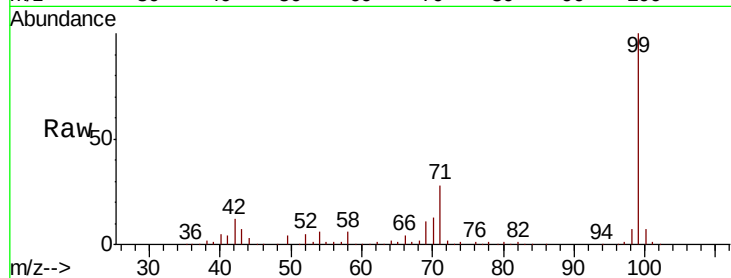
Tgt Ion: 99 Resp: 629718

Ion Ratio Lower Upper

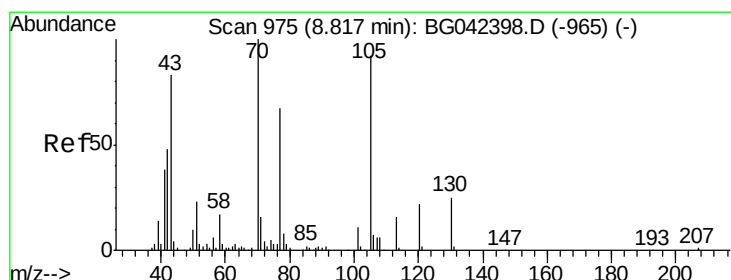
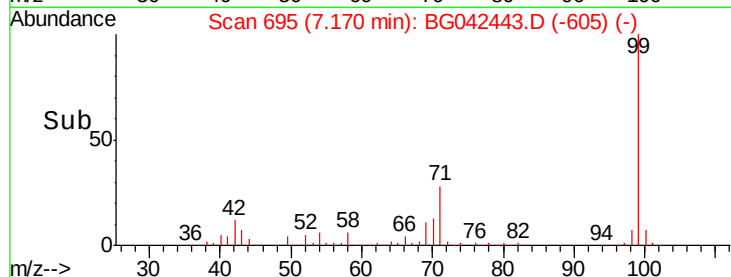
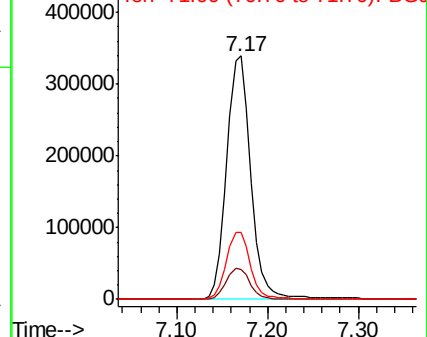
99 100

42 12.4 12.0 18.0

71 27.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 9.776 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042443.D

Acq: 23 Aug 2019 21:21

Tgt Ion: 70 Resp: 45123

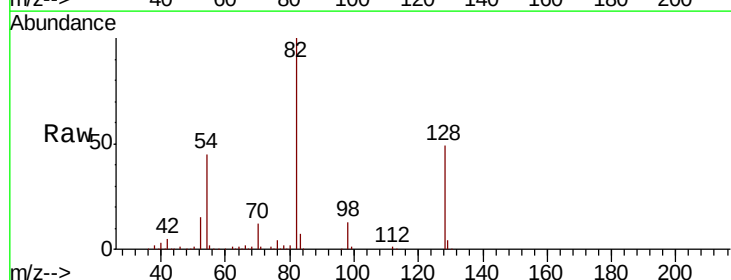
Ion Ratio Lower Upper

70 100

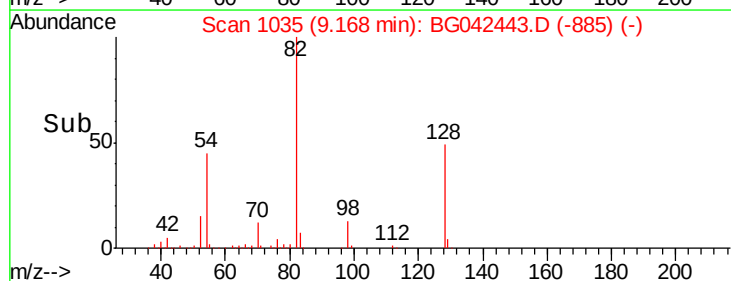
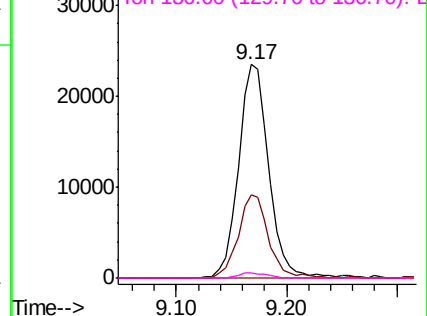
42 39.3 38.8 58.2

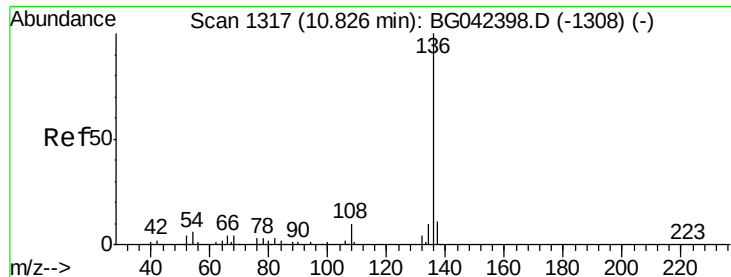
101 0.0 9.0 13.6#

130 2.3 20.0 30.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

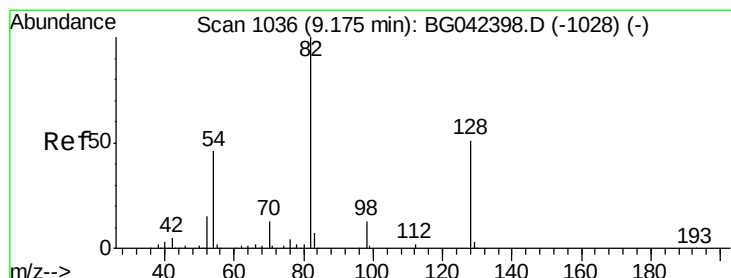
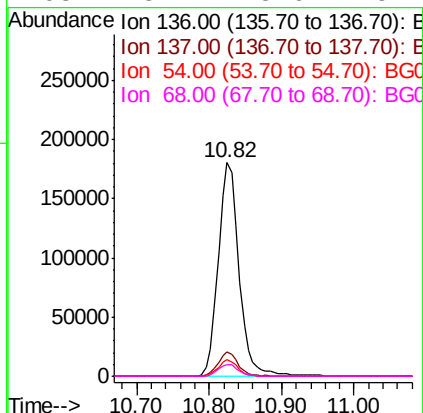
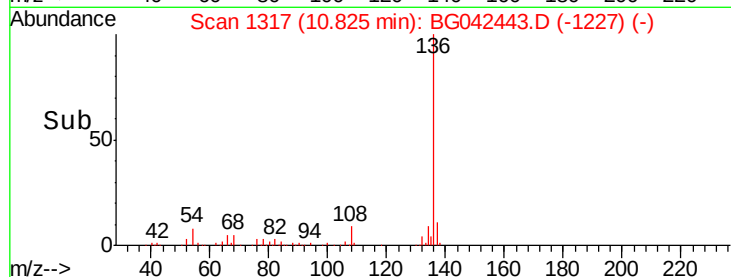
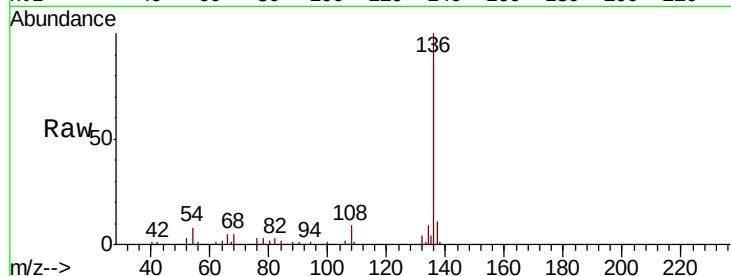




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042443.D
Acq: 23 Aug 2019 21:21

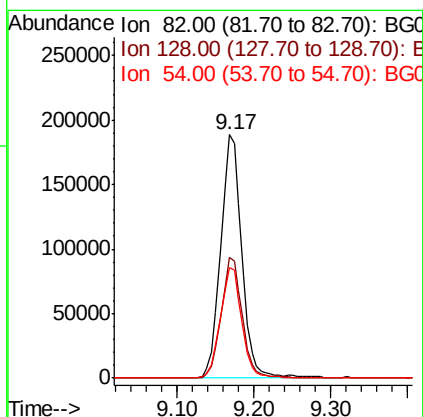
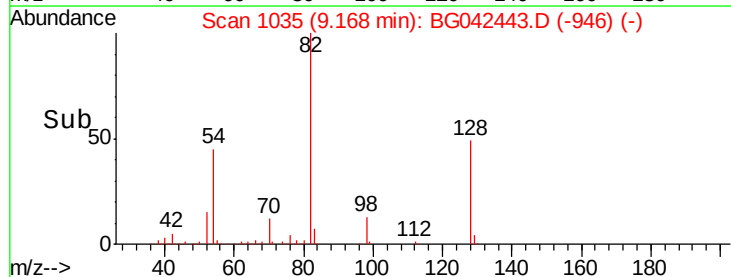
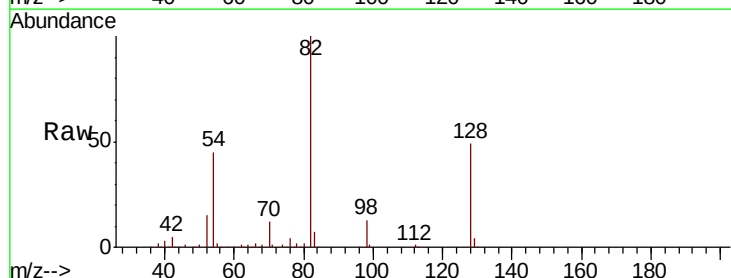
Instrument :
BNA_G
ClientSampleId :
0602-COMP-BH-3

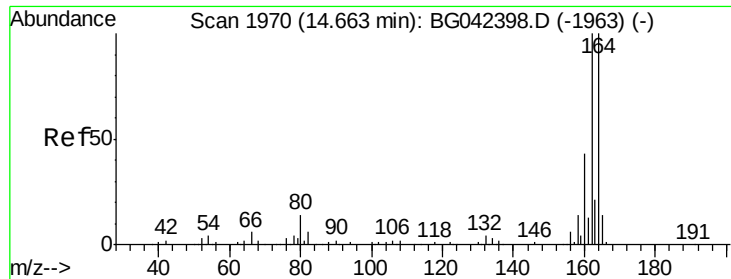
Tgt Ion:	136	Resp:	361033
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.9	4.9	7.3#
68	5.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 68.709 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042443.D
Acq: 23 Aug 2019 21:21

Tgt Ion:	82	Resp:	358967
Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.7	61.1
54	45.4	36.3	54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042443.D

Acq: 23 Aug 2019 21:21

Instrument :

BNA_G

ClientSampleId :

0602-COMP-BH-3

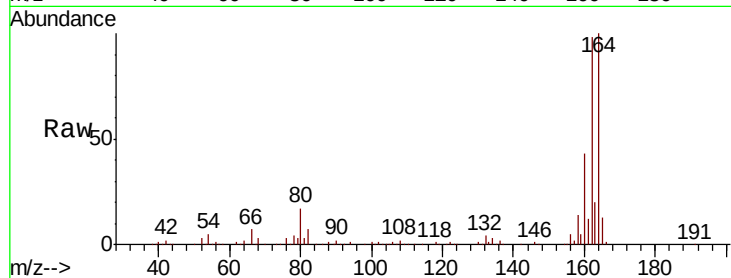
Tgt Ion:164 Resp: 234704

Ion Ratio Lower Upper

164 100

162 97.7 79.9 119.9

160 43.1 34.3 51.5

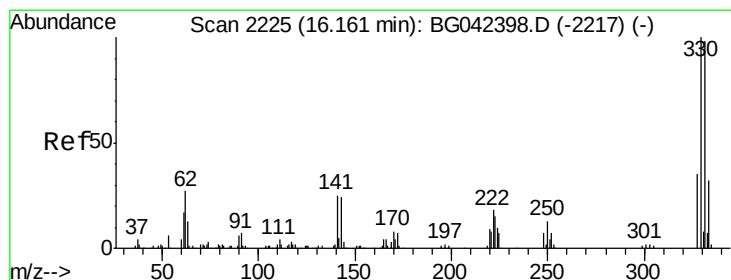
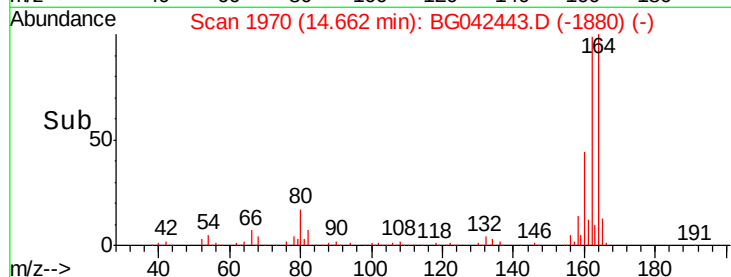
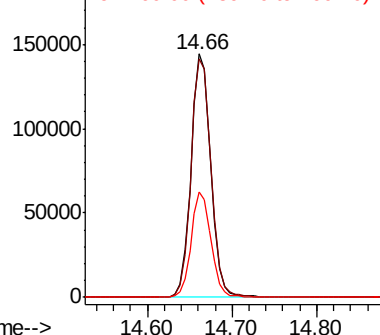


Abundance

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: 58.650 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042443.D

Acq: 23 Aug 2019 21:21

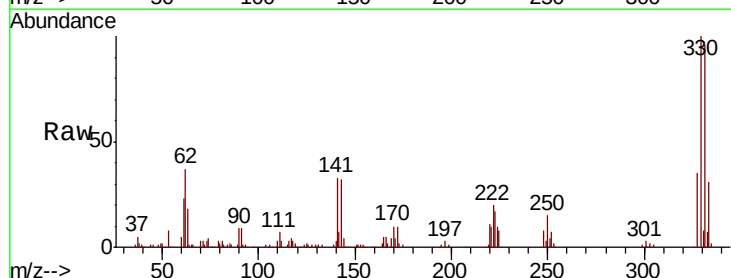
Tgt Ion:330 Resp: 195651

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 31.8 21.4 32.0

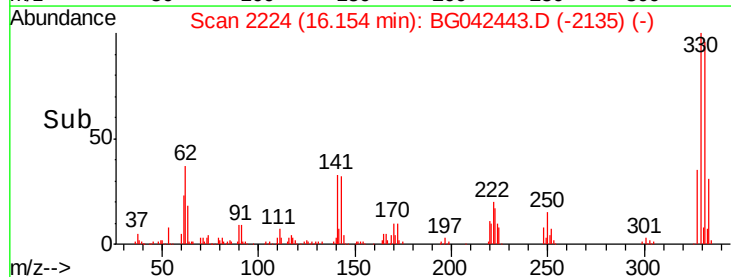
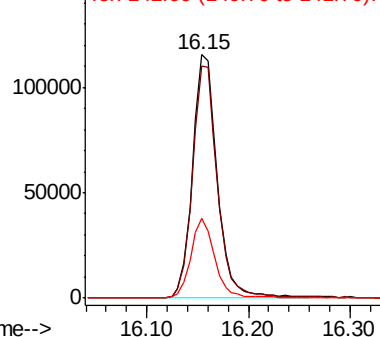


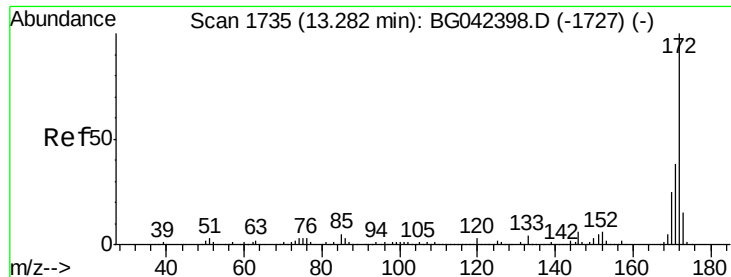
Abundance

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

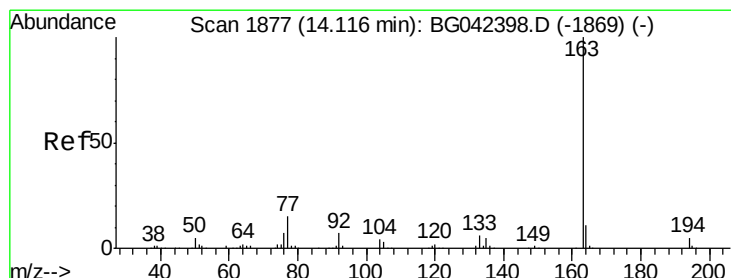
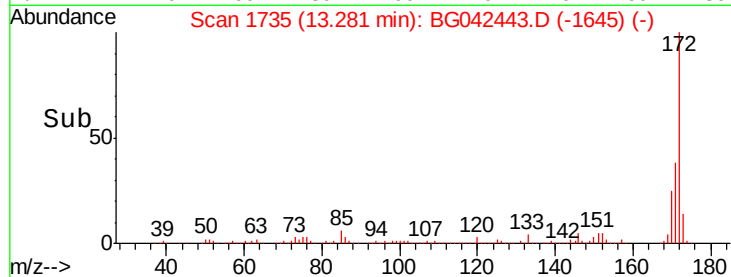
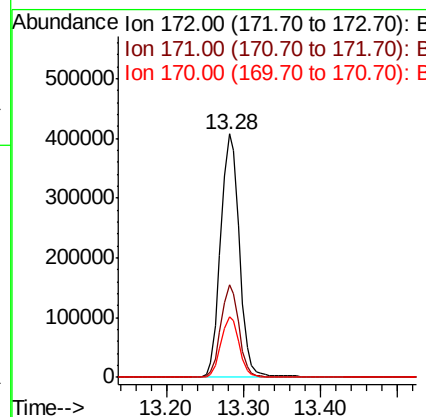
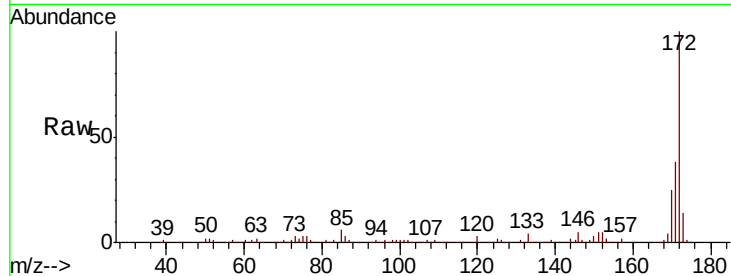




#45
2-Fluorobiphenyl
Concen: 49.323 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042443.D
Acq: 23 Aug 2019 21:21

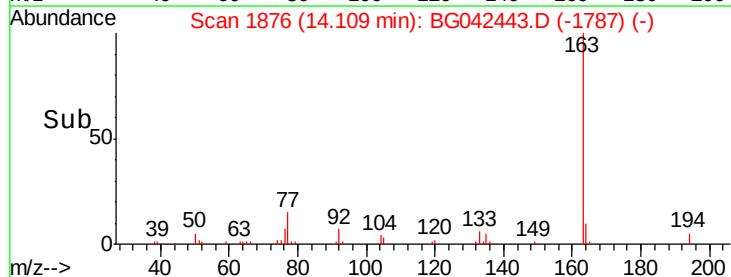
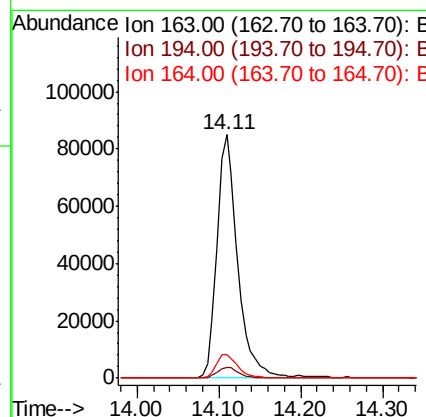
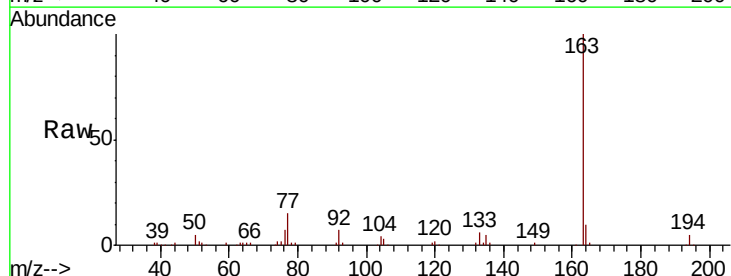
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BNA_G
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0602-COMP-BH-3

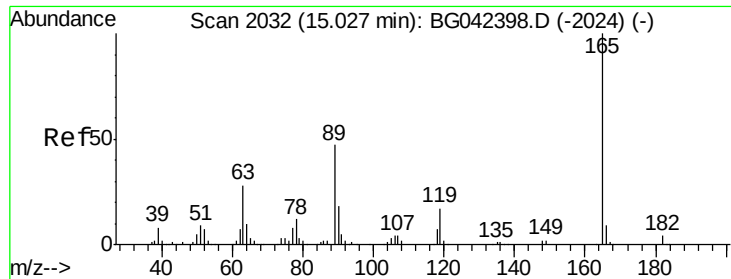
Tgt Ion:172 Resp: 684475
Ion Ratio Lower Upper
172 100
171 37.9 30.5 45.7
170 24.7 20.2 30.2



#50
Dimethylphthalate
Concen: 8.897 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042443.D
Acq: 23 Aug 2019 21:21

Tgt Ion:163 Resp: 150677
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.2
164 9.8 8.8 13.2

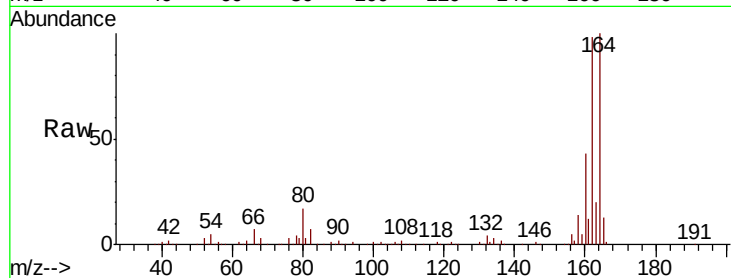




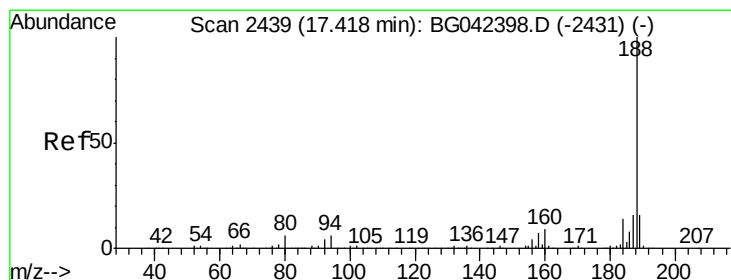
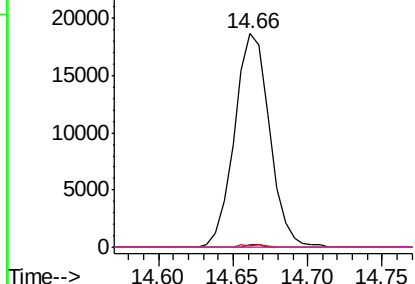
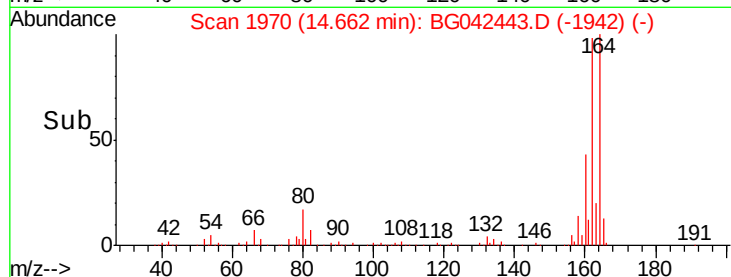
#57
 2,4-Dinitrotoluene
 Concen: 5.434 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.37 min
 Lab File: BG042443.D
 Acq: 23 Aug 2019 21:21

Instrument :
 BNA_G
 ClientSampleId :
 0602-COMP-BH-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.5	33.7#
89	0.9	37.8	56.6#
182	0.0	3.0	4.4#

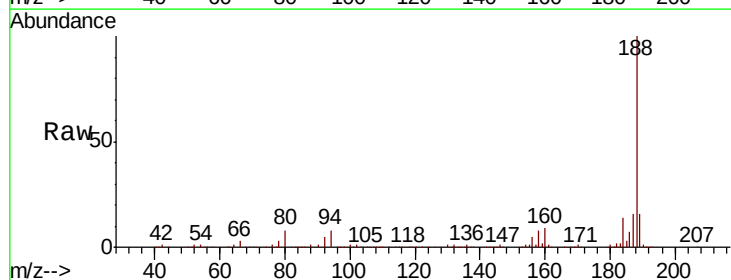


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

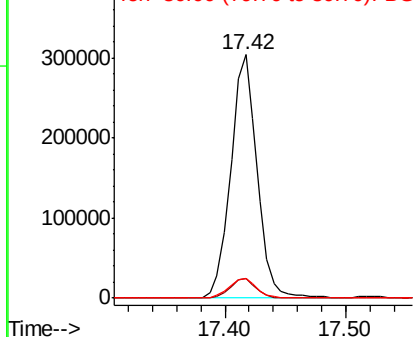
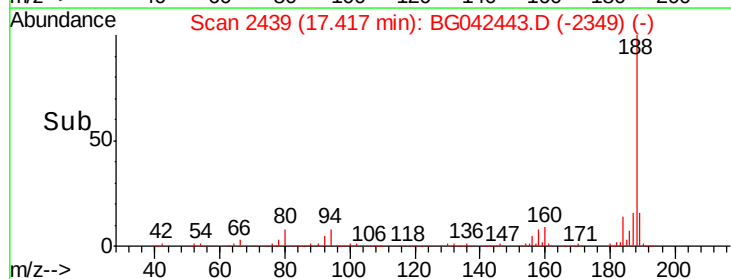


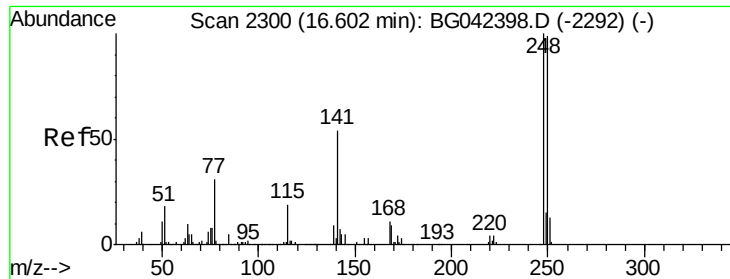
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG042443.D
 Acq: 23 Aug 2019 21:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	4.5	6.7#
80	8.0	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

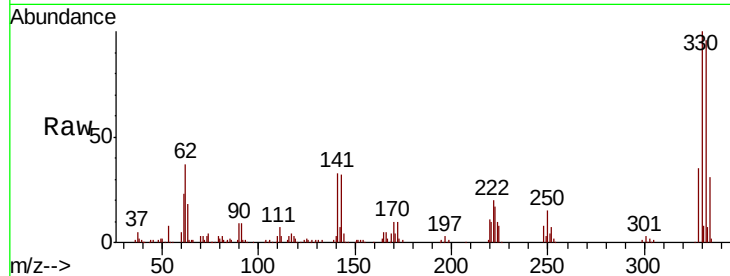




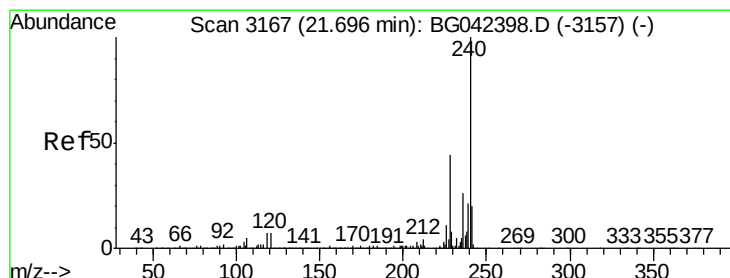
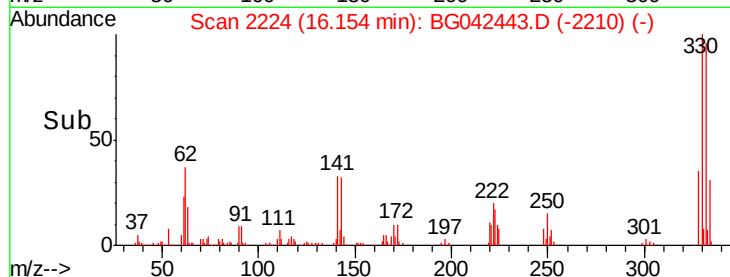
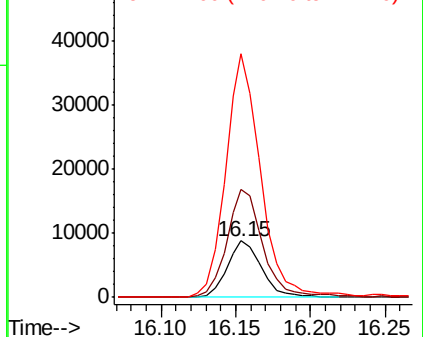
#67
 4-Bromophenyl-phenylether
 Concen: 2.409 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042443.D
 Acq: 23 Aug 2019 21:21

Instrument :
 BNA_G
 ClientSampleId :
 0602-COMP-BH-3

Tgt Ion:248 Resp: 14126
 Ion Ratio Lower Upper
 248 100
 250 190.7 78.9 118.3#
 141 431.6 43.3 64.9#

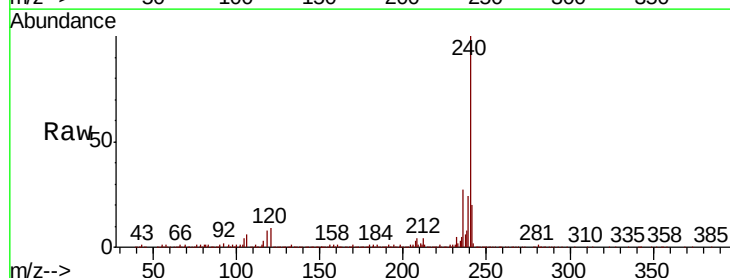


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

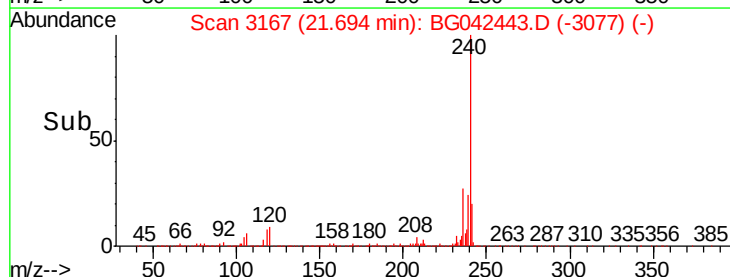
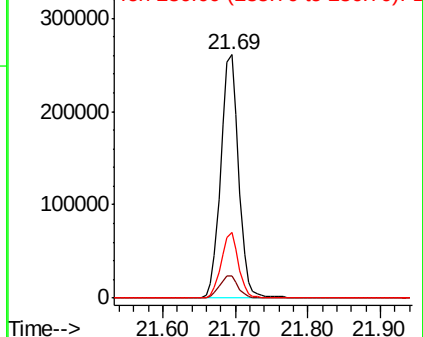


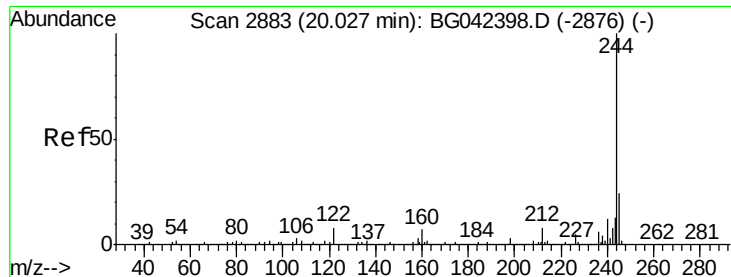
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG042443.D
 Acq: 23 Aug 2019 21:21

Tgt Ion:240 Resp: 450255
 Ion Ratio Lower Upper
 240 100
 120 9.2 5.7 8.5#
 236 26.8 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: 41.846 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042443.D

Acq: 23 Aug 2019 21:21

Instrument :

BNA_G

ClientSampleId :

0602-COMP-BH-3

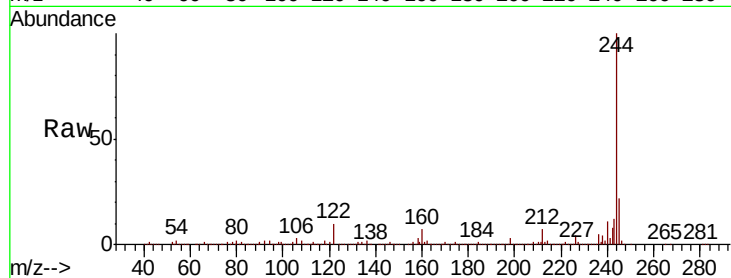
Tgt Ion:244 Resp: 871513

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

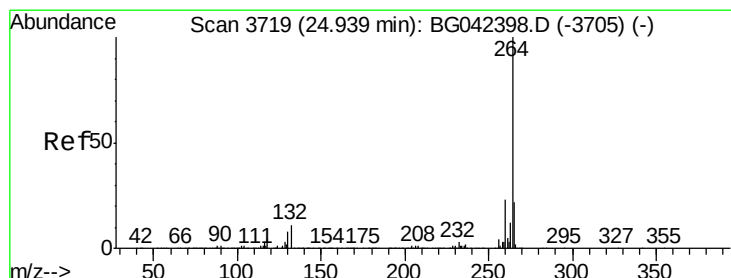
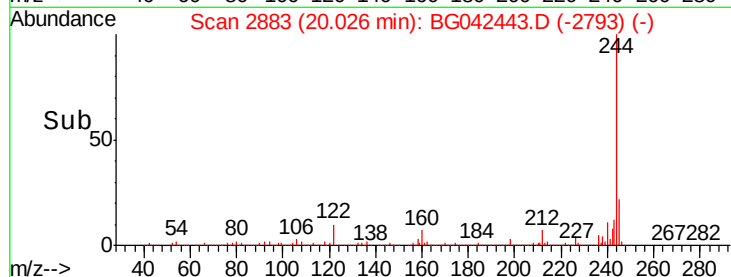
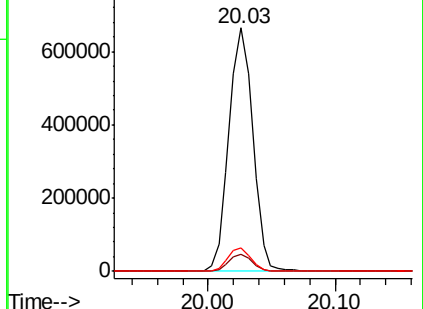
122 9.6 6.7 10.1



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: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042443.D

Acq: 23 Aug 2019 21:21

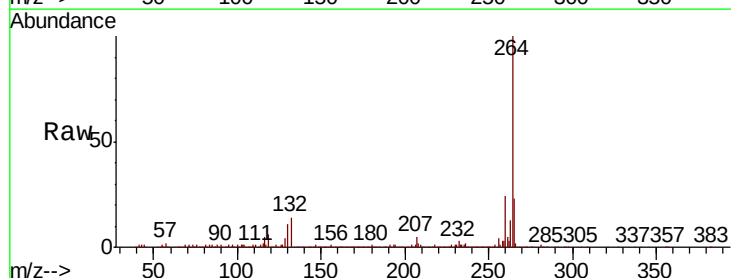
Tgt Ion:264 Resp: 520802

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.8 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

