

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082319\
 Data File : BG042442.D
 Acq On : 23 Aug 2019 20:43
 Operator : HP/JU
 Sample : K4332-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0647-ELUTRIATE-COMP-ARE

Quant Time: Aug 24 02:10:59 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

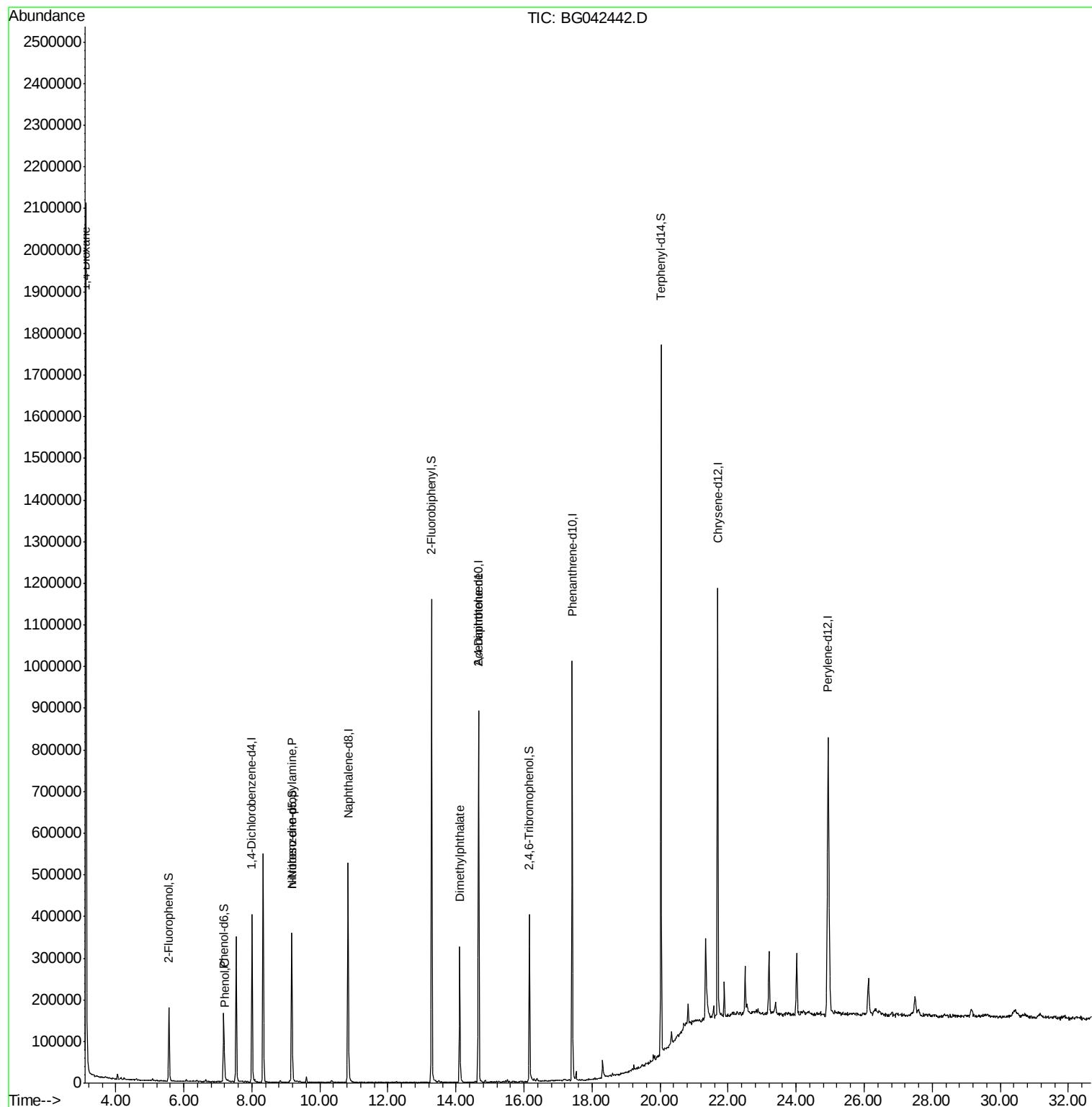
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	134652	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	550705	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	350613	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	658565	20.00	ng	0.00
76) Chrysene-d12	21.69	240	615157	20.00	ng	0.00
87) Perylene-d12	24.94	264	732847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	101530	15.27	ng	0.00
7) Phenol-d6	7.17	99	130957	14.58	ng	0.00
23) Nitrobenzene-d5	9.17	82	254803	31.97	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	97360	19.54	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	714141	34.45	ng	0.00
79) Terphenyl-d14	20.02	244	887209	31.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.12	88	17241	6.214	ng	Qvalue
10) Phenol	7.20	94	25299	2.771	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	30980	5.325	ng	# 75
50) Dimethylphthalate	14.11	163	276068	10.913	ng	# 99
57) 2,4-Dinitrotoluene	14.66	165	45815	5.456	ng	# 40

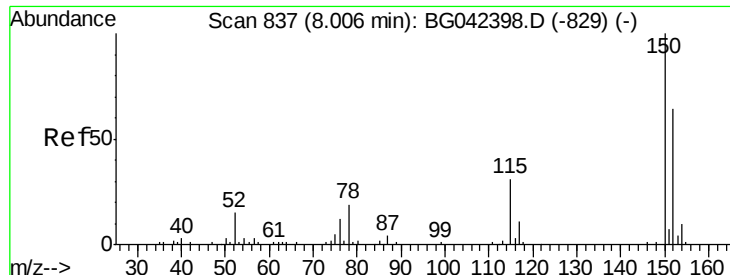
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG042442.D

Acq: 23 Aug 2019 20:43

Instrument :

BNA_G

ClientSampleId :

0647-ELUTRIATE-COMP-ARE

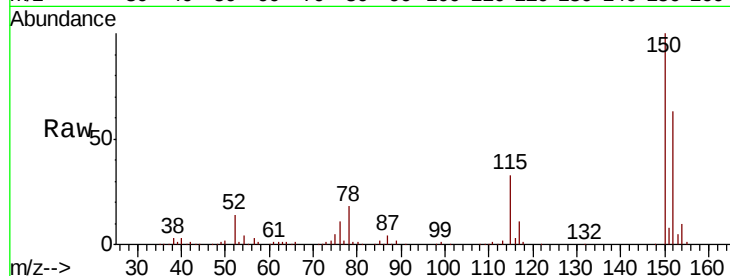
Tgt Ion:152 Resp: 134652

Ion Ratio Lower Upper

152 100

150 158.4 125.4 188.0

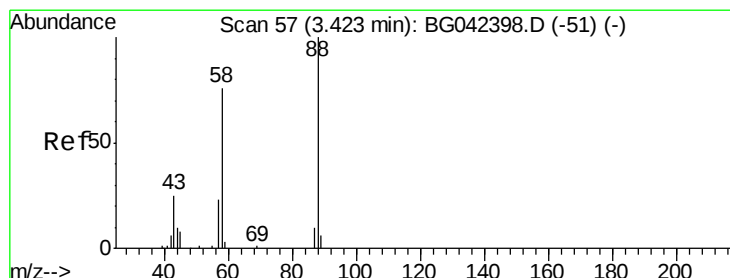
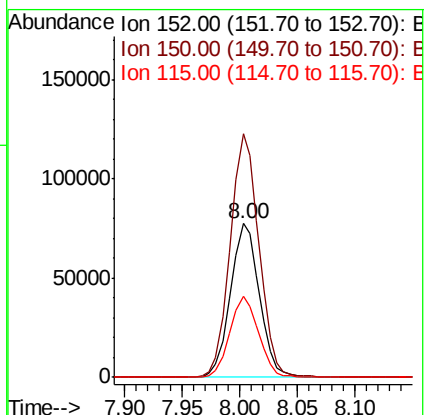
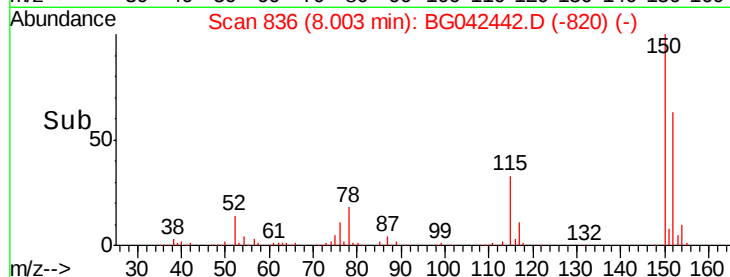
115 52.8 38.5 57.7



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



#2

1,4-Dioxane

Concen: 6.214 ng

RT: 3.12 min Scan# 5

Delta R.T. -0.30 min

Lab File: BG042442.D

Acq: 23 Aug 2019 20:43

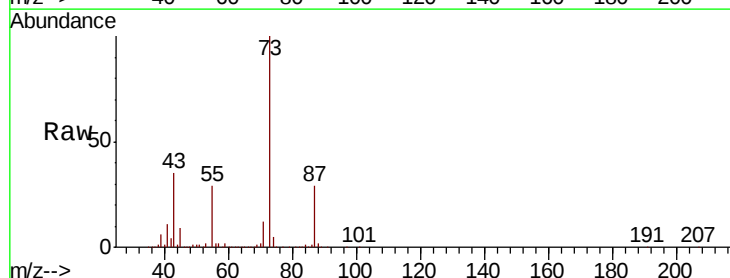
Tgt Ion: 88 Resp: 17241

Ion Ratio Lower Upper

88 100

58 25.2 58.3 87.5#

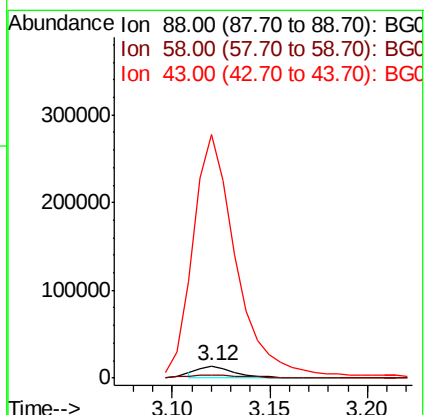
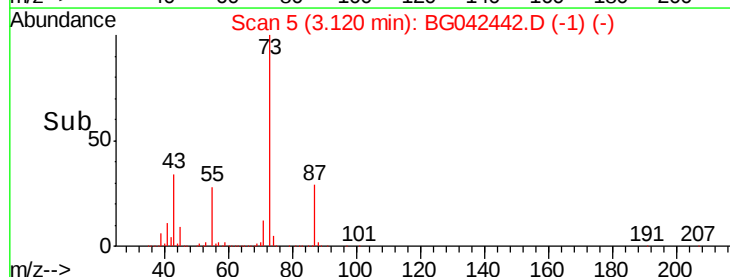
43 2164.0 20.2 30.2#

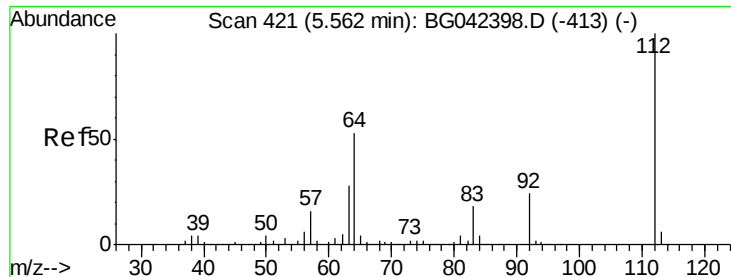


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 15.271 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042442.D

Acq: 23 Aug 2019 20:43

Instrument :

BNA_G

ClientSampleId :

0647-ELUTRIATE-COMP-ARE

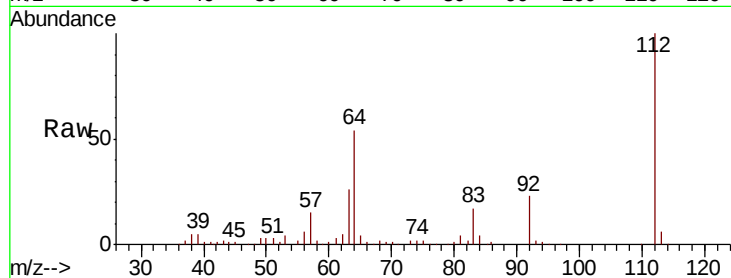
Tgt Ion: 112 Resp: 101530

Ion Ratio Lower Upper

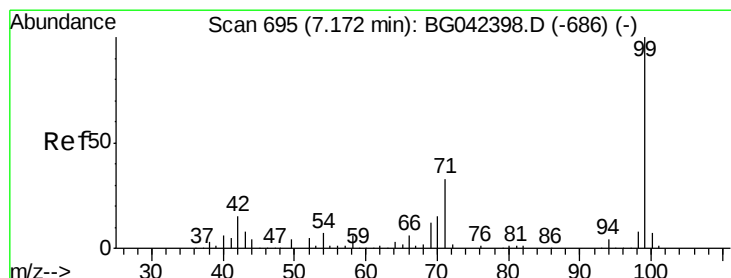
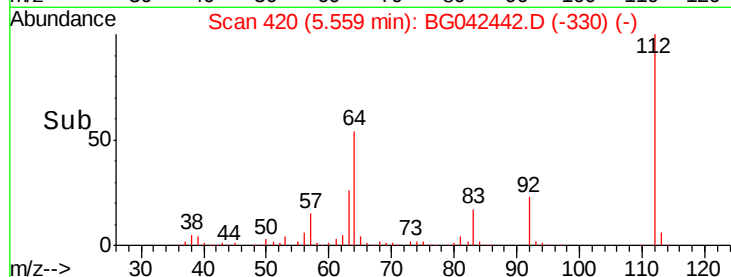
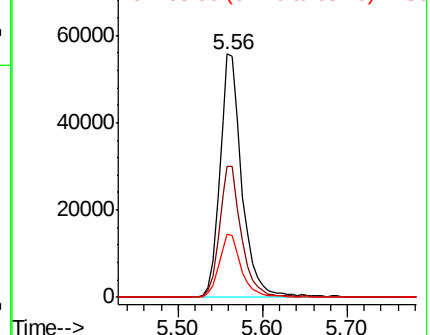
112 100

64 54.0 42.8 64.2

63 25.7 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 14.582 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042442.D

Acq: 23 Aug 2019 20:43

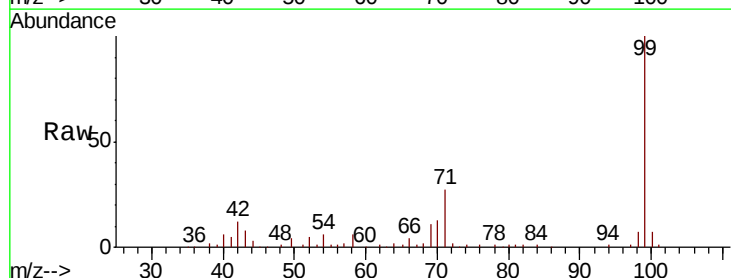
Tgt Ion: 99 Resp: 130957

Ion Ratio Lower Upper

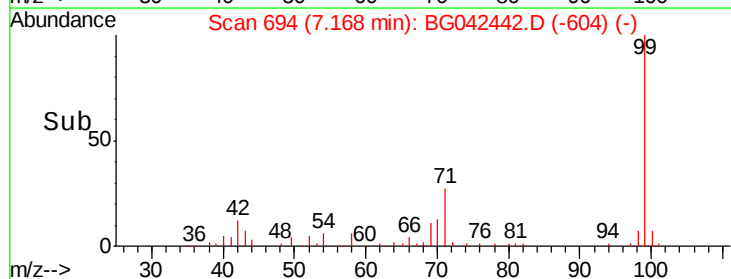
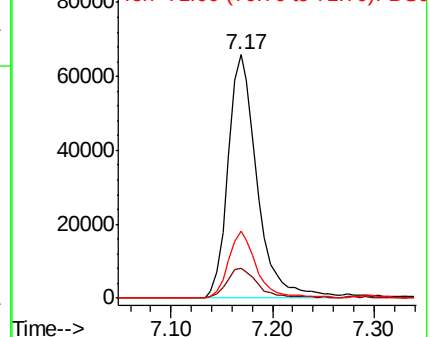
99 100

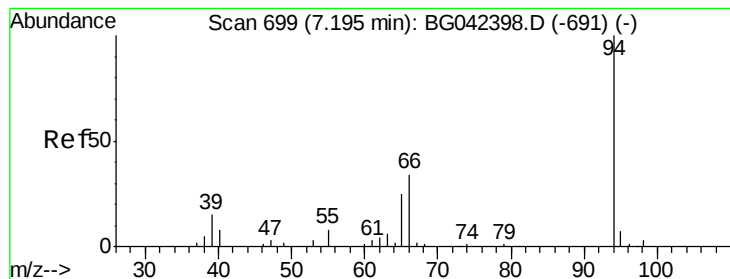
42 12.3 12.0 18.0

71 27.3 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: 2.771 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042442.D

Acq: 23 Aug 2019 20:43

Instrument :

BNA_G

ClientSampleId :

0647-ELUTRIATE-COMP-ARE

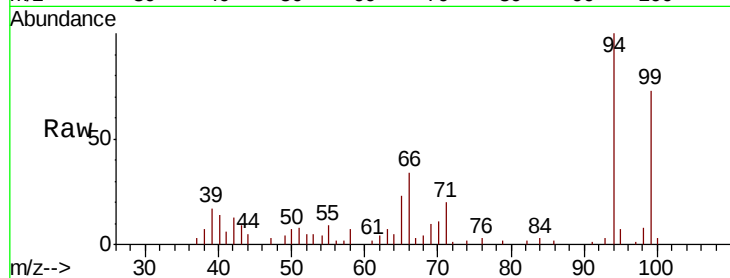
Tgt Ion: 94 Resp: 25299

Ion Ratio Lower Upper

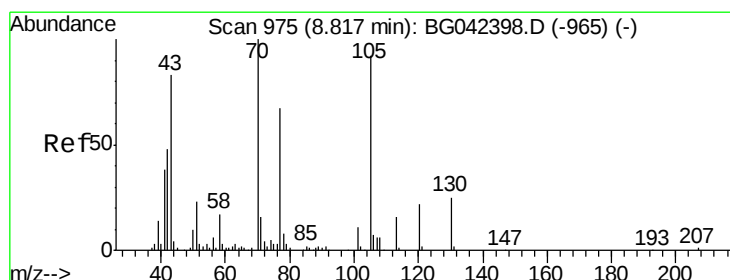
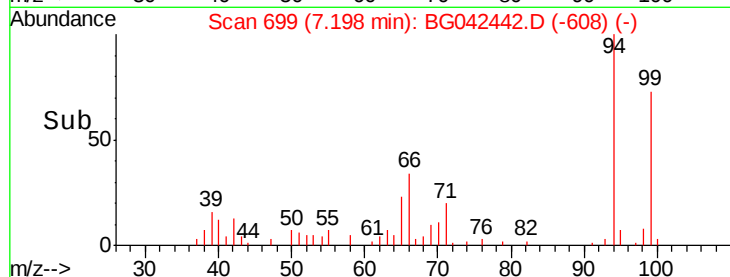
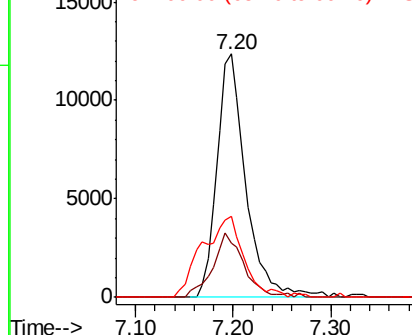
94 100

65 22.5 5.6 45.6

66 33.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 5.325 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG042442.D

Acq: 23 Aug 2019 20:43

Tgt Ion: 70 Resp: 30980

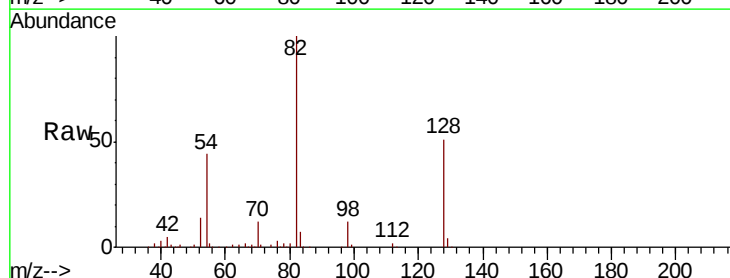
Ion Ratio Lower Upper

70 100

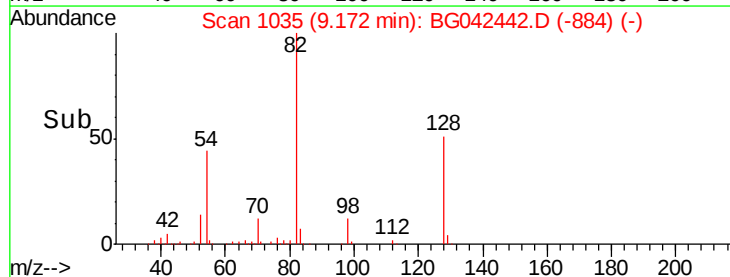
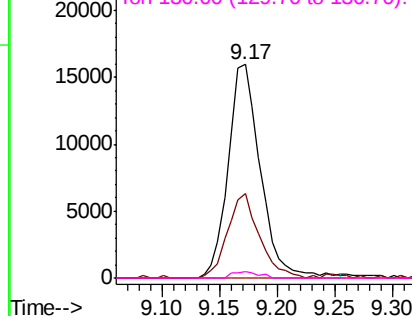
42 39.5 38.8 58.2

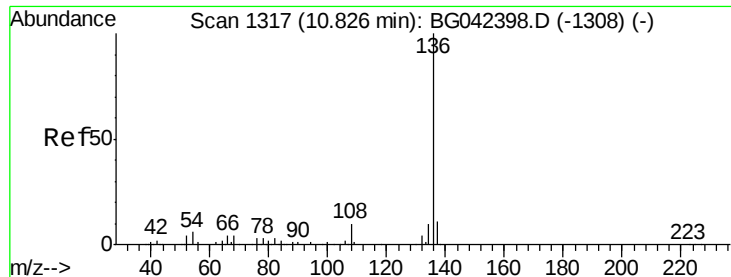
101 0.0 9.0 13.6#

130 2.8 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

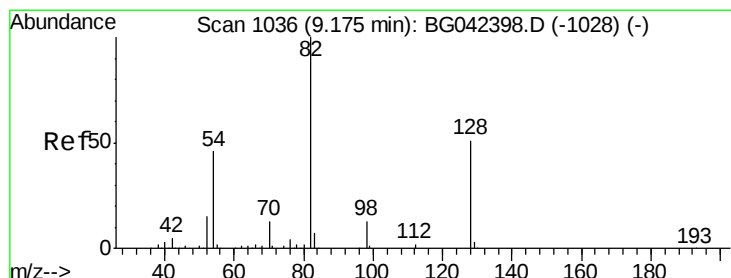
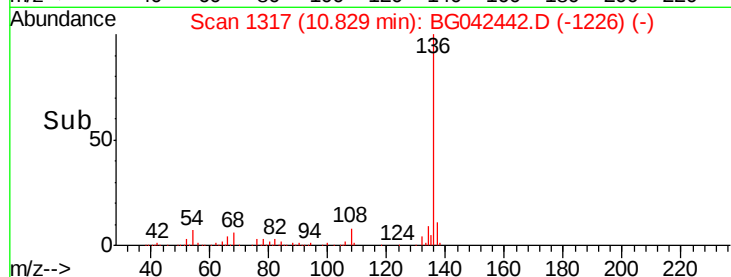
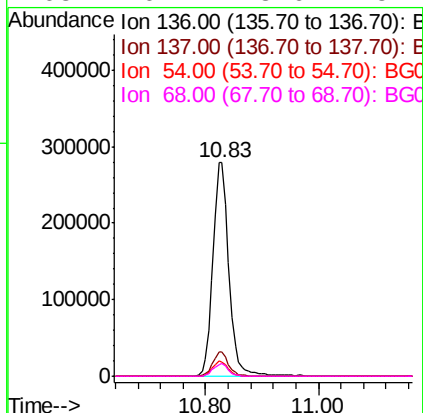
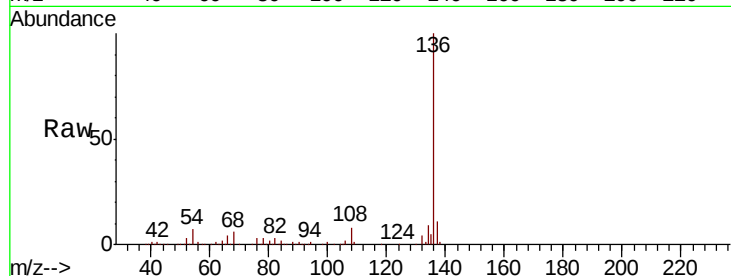




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042442.D
Acq: 23 Aug 2019 20:43

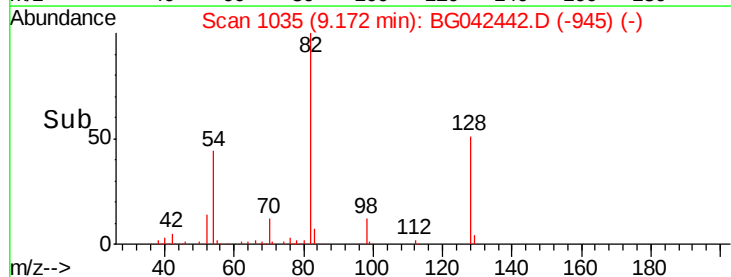
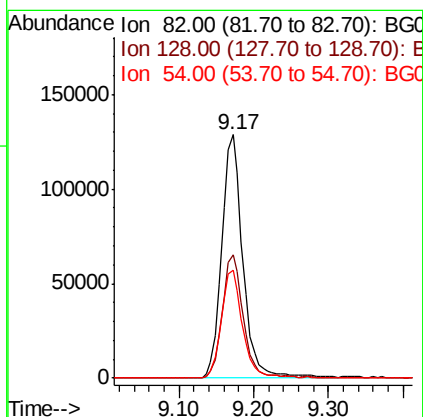
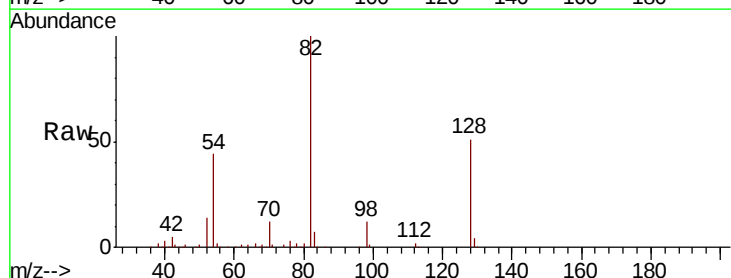
Instrument :
BNA_G
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0647-ELUTRIATE-COMP-ARE

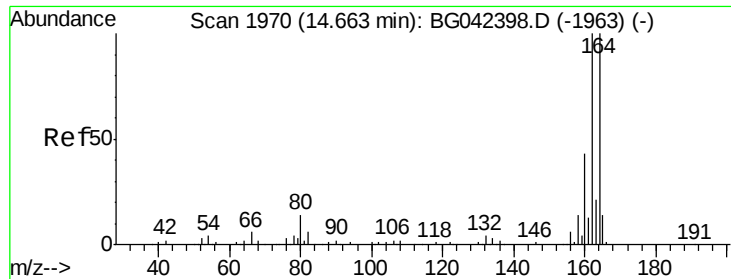
Tgt Ion:	136	Resp:	550705
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.8	4.9	7.3
68	6.2	3.6	5.4



#23
Nitrobenzene-d5
Concen: 31.973 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042442.D
Acq: 23 Aug 2019 20:43

Tgt Ion:	82	Resp:	254803
Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.7	61.1
54	44.5	36.3	54.5

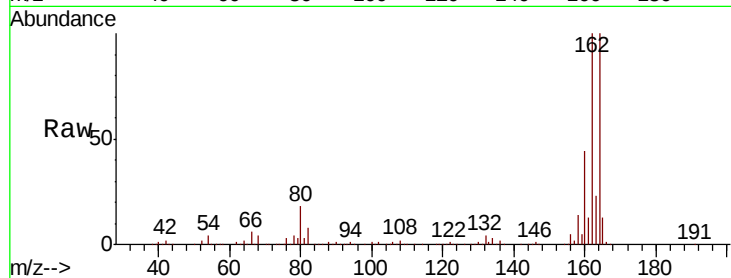




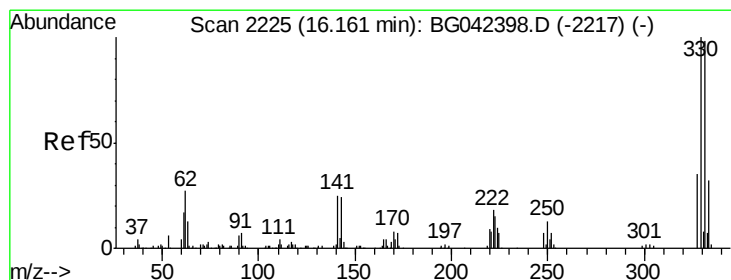
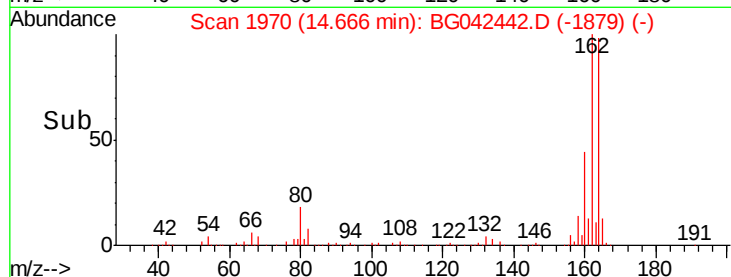
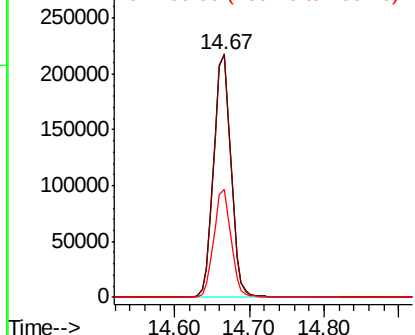
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042442.D
Acq: 23 Aug 2019 20:43

Instrument :
BNA_G
ClientSampleId :
0647-ELUTRIATE-COMP-ARE

Tgt Ion:164 Resp: 350613
Ion Ratio Lower Upper
164 100
162 100.5 79.9 119.9
160 44.4 34.3 51.5

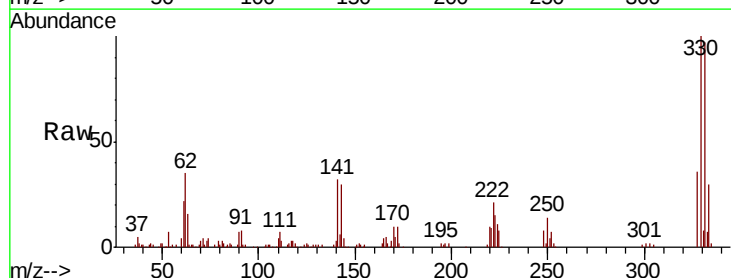


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

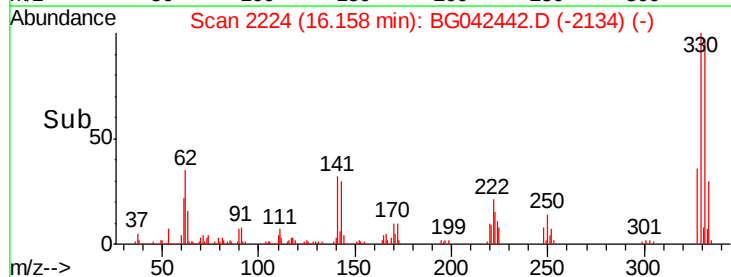
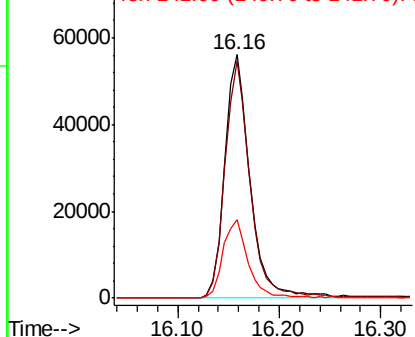


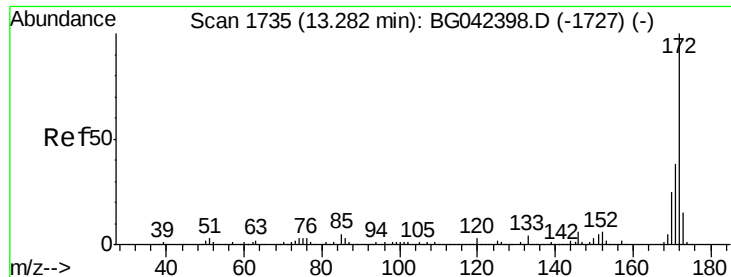
#42
2,4,6-Tribromophenol
Concen: 19.537 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG042442.D
Acq: 23 Aug 2019 20:43

Tgt Ion:330 Resp: 97360
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 32.0 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

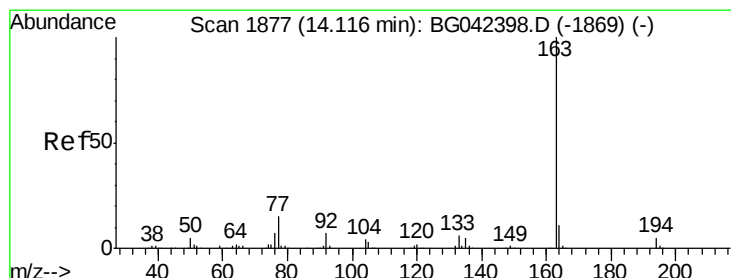
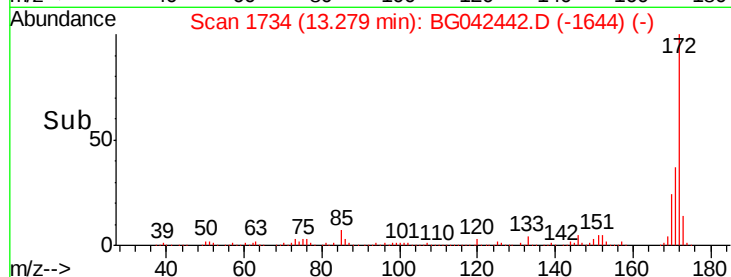
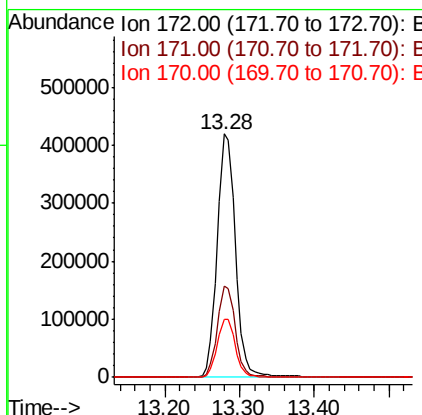
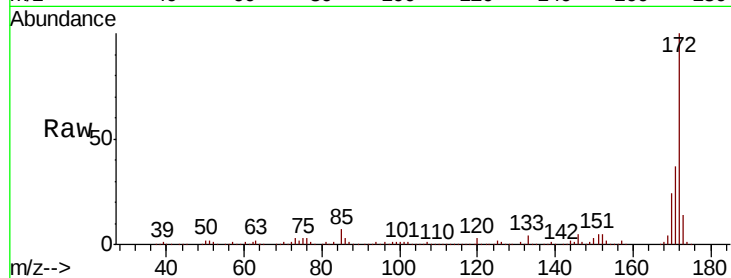




#45
2-Fluorobiphenyl
Concen: 34.449 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042442.D
Acq: 23 Aug 2019 20:43

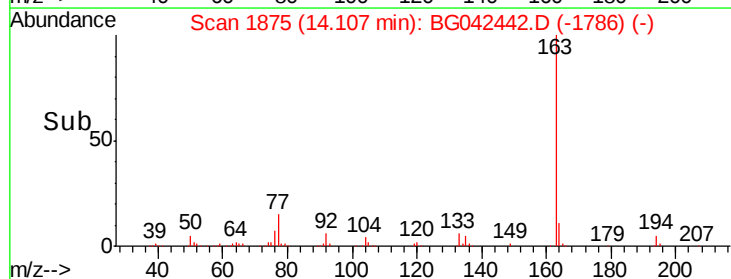
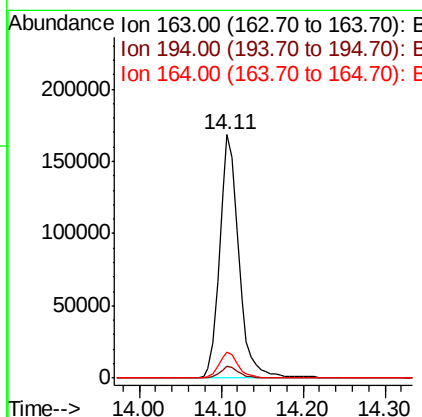
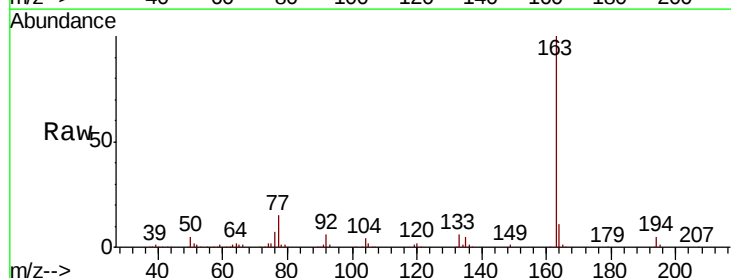
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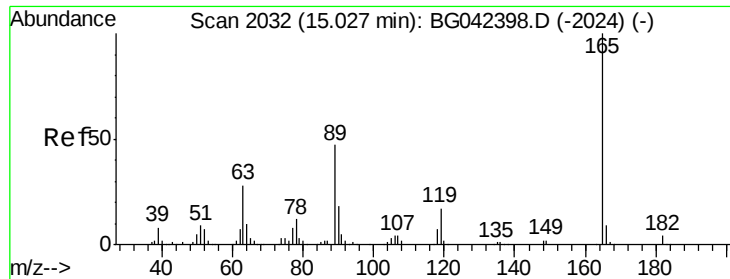
Tgt Ion:172 Resp: 714141
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 23.8 20.2 30.2



#50
Dimethylphthalate
Concen: 10.913 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042442.D
Acq: 23 Aug 2019 20:43

Tgt Ion:163 Resp: 276068
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 10.8 8.8 13.2

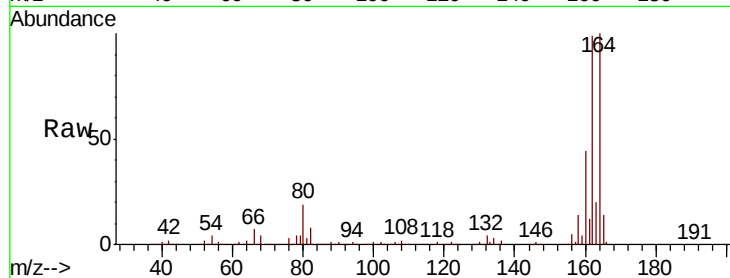




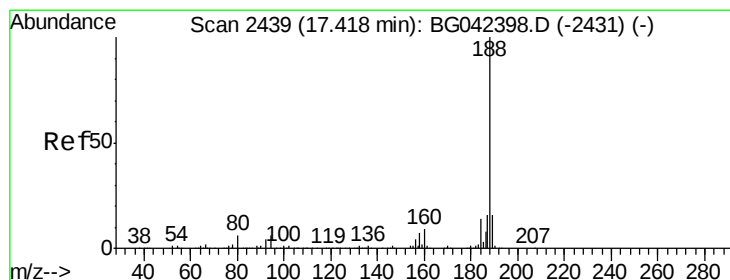
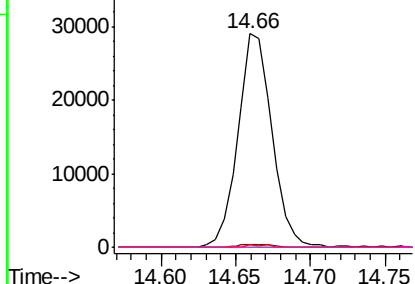
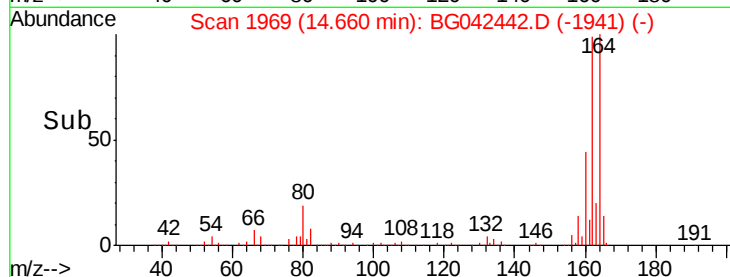
#57
 2,4-Dinitrotoluene
 Concen: 5.456 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042442.D
 Acq: 23 Aug 2019 20:43

Instrument :
 BNA_G
 ClientSampleId :
 0647-ELUTRIATE-COMP-ARE

Tgt Ion:	165	Resp:	45815
Ion	Ratio	Lower	Upper
165	100		
63	0.9	22.5	33.7#
89	0.9	37.8	56.6#
182	0.0	3.0	4.4#

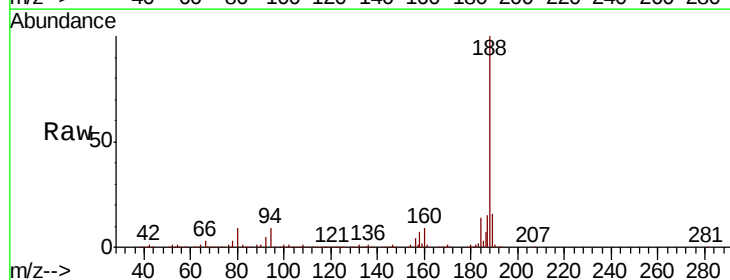


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

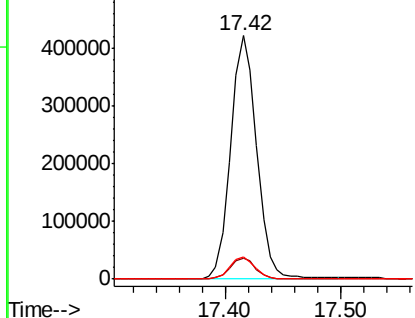
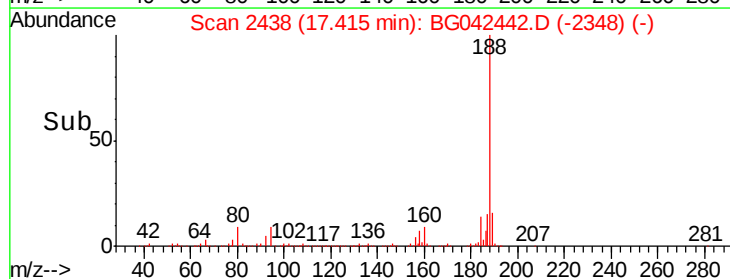


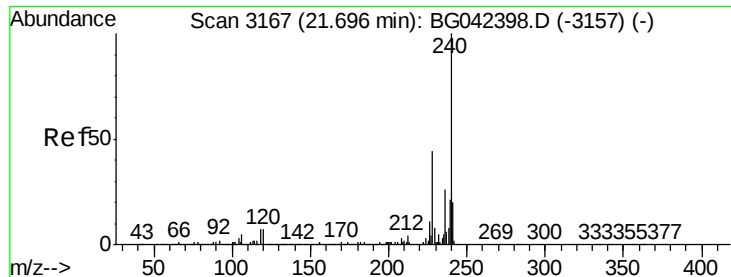
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG042442.D
 Acq: 23 Aug 2019 20:43

Tgt Ion:	188	Resp:	658565
Ion	Ratio	Lower	Upper
188	100		
94	8.6	4.5	6.7#
80	9.0	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

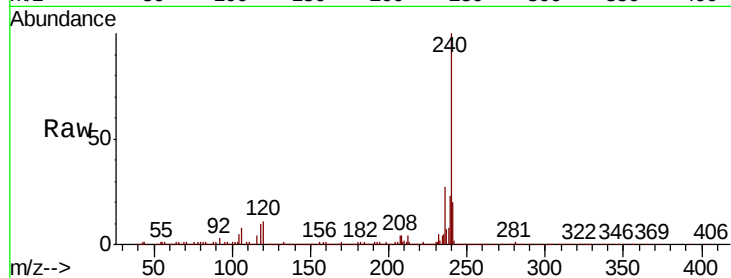




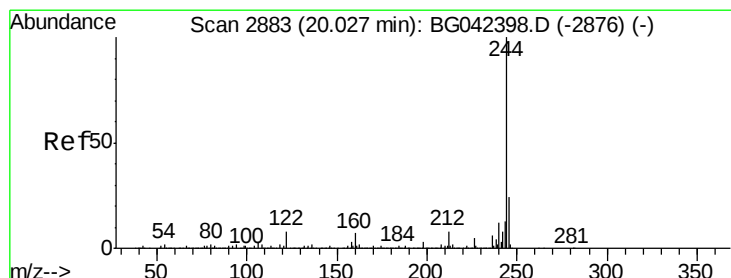
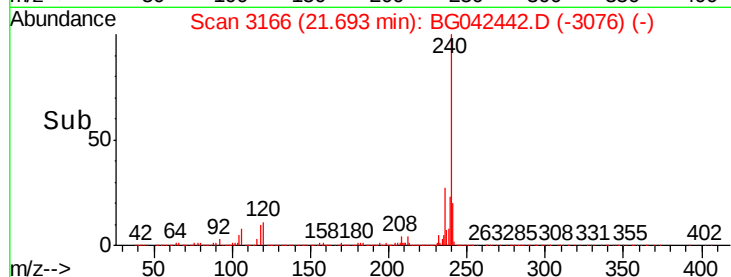
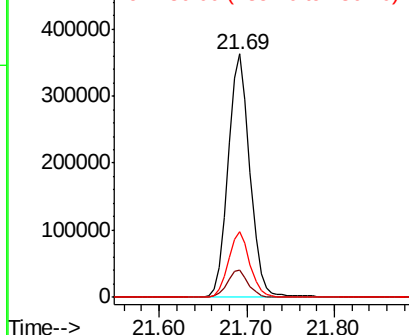
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042442.D
Acq: 23 Aug 2019 20:43

Instrument :
BNA_G
ClientSampleId :
0647-ELUTRIATE-COMP-ARE

Tgt Ion:240 Resp: 615157
Ion Ratio Lower Upper
240 100
120 11.2 5.7 8.5#
236 27.2 21.0 31.4

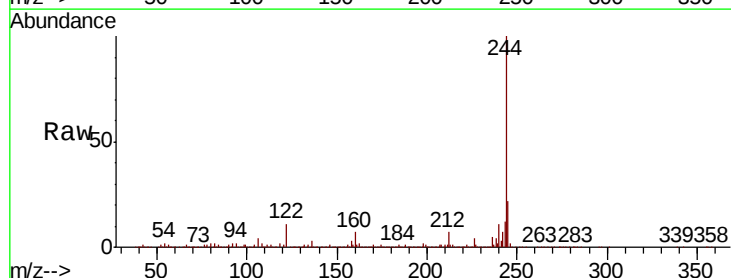


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

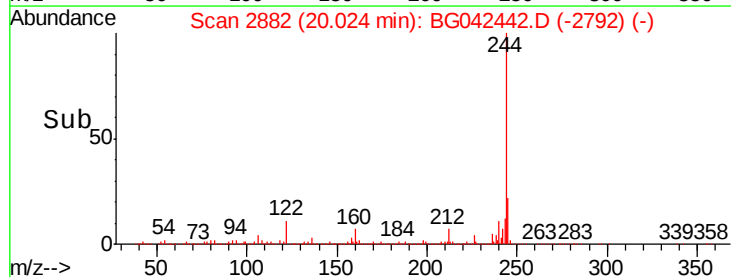
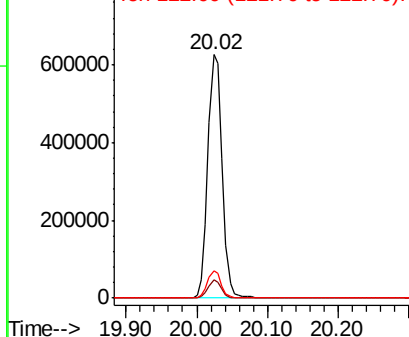


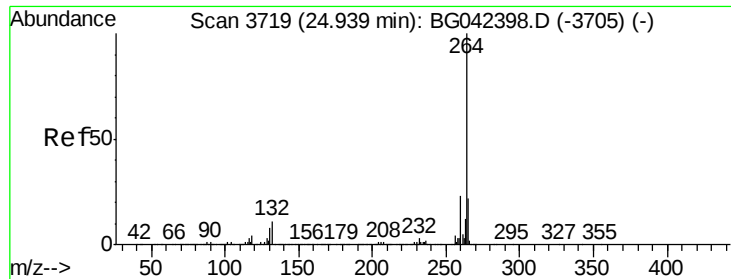
#79
Terphenyl-d14
Concen: 31.180 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042442.D
Acq: 23 Aug 2019 20:43

Tgt Ion:244 Resp: 887209
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.2 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: BG042442.D
Acq: 23 Aug 2019 20:43

Instrument :
BNA_G
ClientSampleId :
0647-ELUTRIATE-COMP-ARE

Tgt Ion:	264	Resp:	732847
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.1	17.6	26.4

