

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043698.D
 Acq On : 19 Nov 2019 15:01
 Operator : JU
 Sample : K5863-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 15:41:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

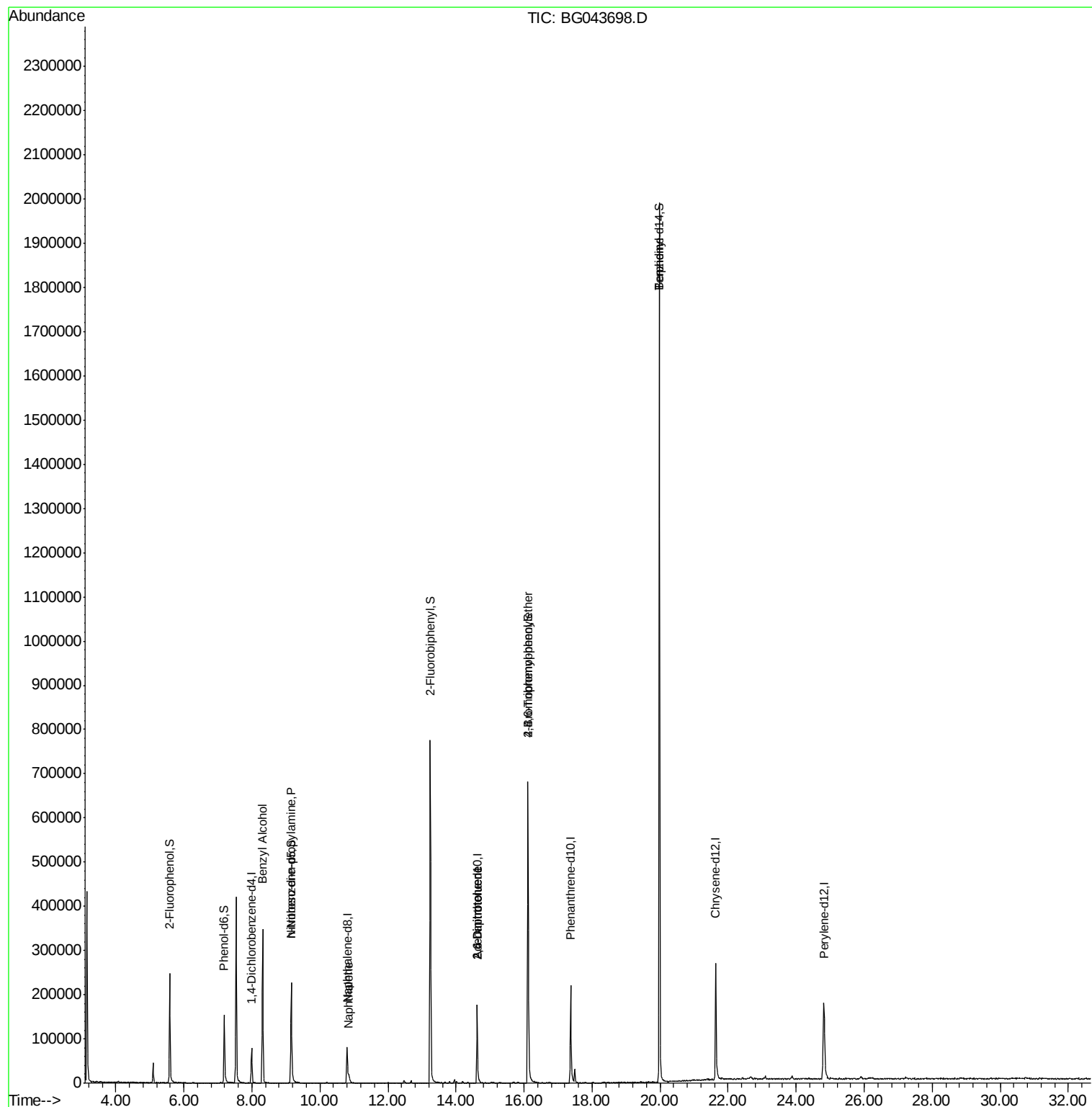
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	23743	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	85895	20.00	ng	0.01
39) Acenaphthene-d10	14.62	164	71731	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	180863	20.00	ng	0.00
76) Chrysene-d12	21.63	240	205268	20.00	ng	0.00
87) Perylene-d12	24.81	264	229335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	118824	91.71	ng	0.00
7) Phenol-d6	7.19	99	105880	56.80	ng	0.00
23) Nitrobenzene-d5	9.15	82	163152	97.92	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	172615	126.45	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	474706	91.45	ng	0.00
79) Terphenyl-d14	19.98	244	1122252	102.57	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.31	79	2951	2.254	ng	# 50
19) n-Nitroso-di-n-propylamine	9.15	70	22473	18.656	ng	# 75
31) Naphthalene	10.85	128	14976	3.435	ng	# 92
51) 2,6-Dinitrotoluene	14.62	165	9558	7.919	ng	# 27
57) 2,4-Dinitrotoluene	14.62	165	9558	5.541	ng	# 27
67) 4-Bromophenyl-phenylether	16.11	248	12042	4.947	ng	# 1
77) Benzidine	19.98	184	17024	4.121	ng	# 87

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

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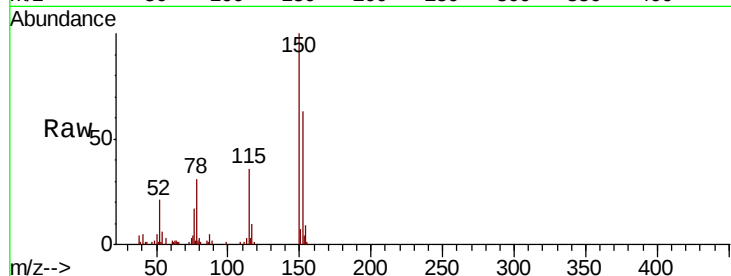


#1

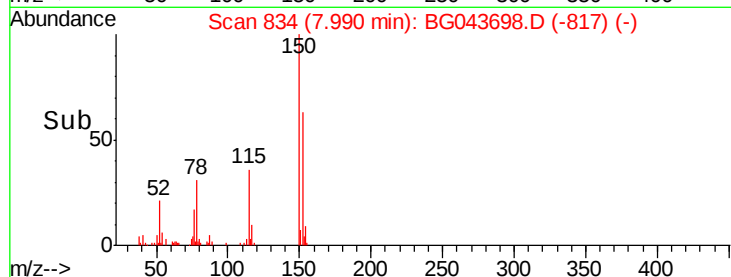
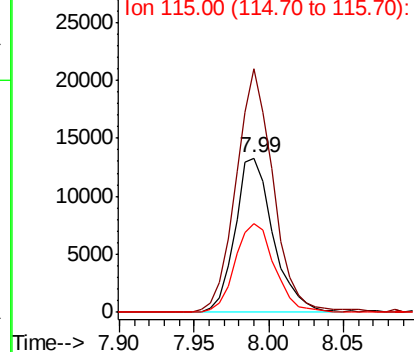
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG043698.D
Acq: 19 Nov 2019 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23743
Ion Ratio Lower Upper
152 100
150 157.6 116.6 175.0
115 57.4 40.5 60.7



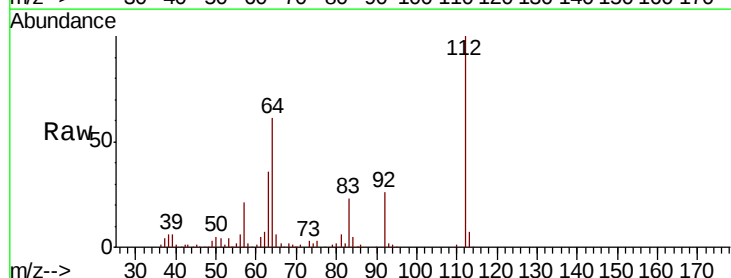
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



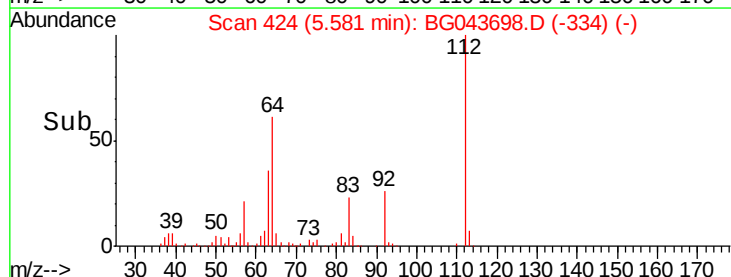
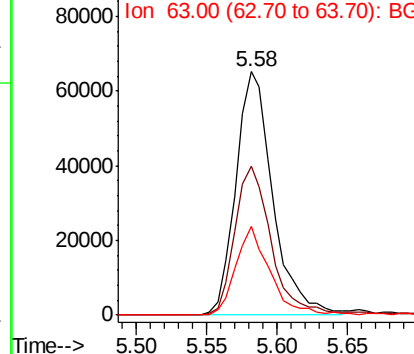
#5

2-Fluorophenol
Concen: 91.706 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043698.D
Acq: 19 Nov 2019 15:01

Tgt Ion:112 Resp: 118824
Ion Ratio Lower Upper
112 100
64 61.2 50.6 75.8
63 36.2 30.5 45.7



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: 56.796 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043698.D

Acq: 19 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

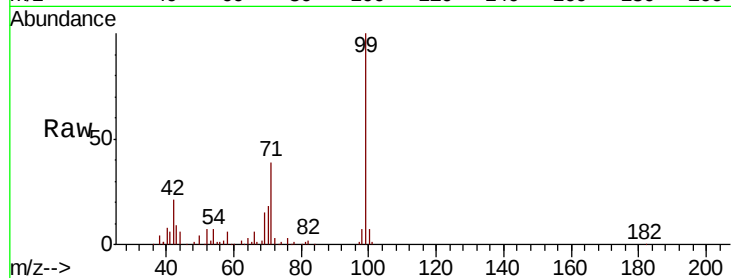
Tot Ion: 99 Resp: 105880

Ion Ratio Lower Upper

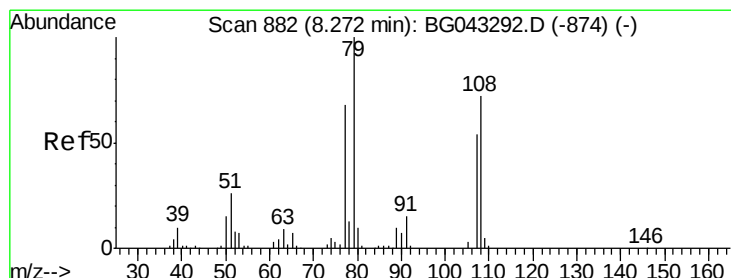
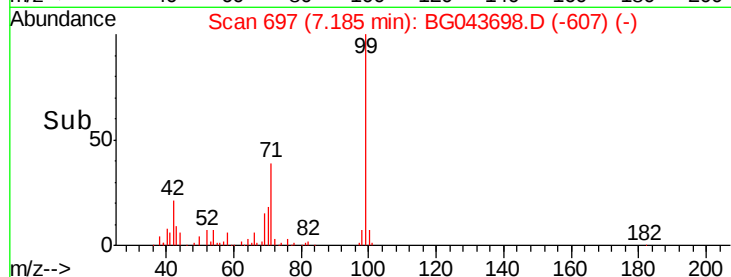
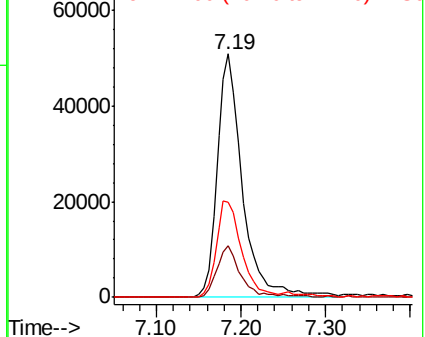
99 100

42 21.3 15.8 23.8

71 38.9 34.4 51.6



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



#15

Benzyl Alcohol

Concen: 2.254 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.07 min

Lab File: BG043698.D

Acq: 19 Nov 2019 15:01

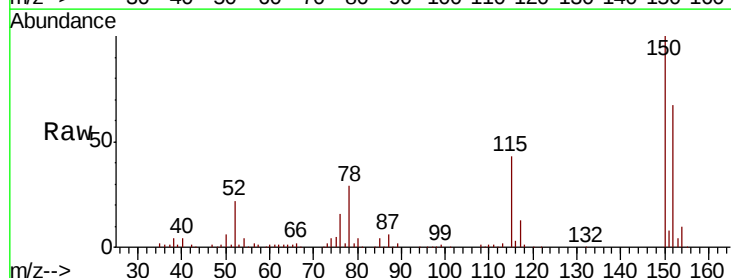
Tgt Ion: 79 Resp: 2951

Ion Ratio Lower Upper

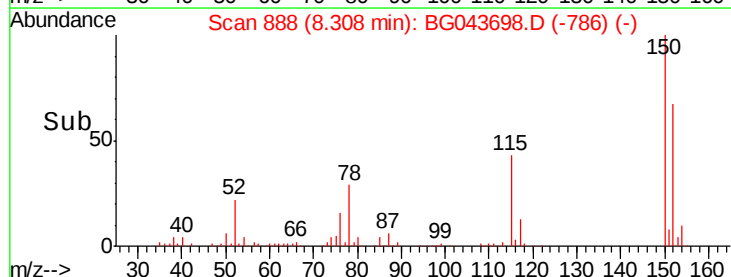
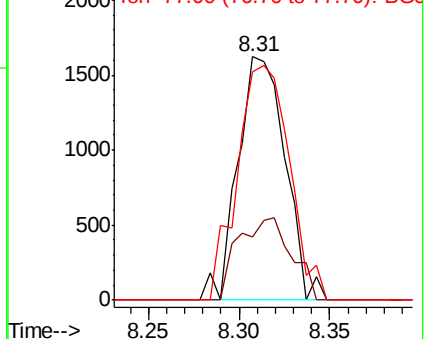
79 100

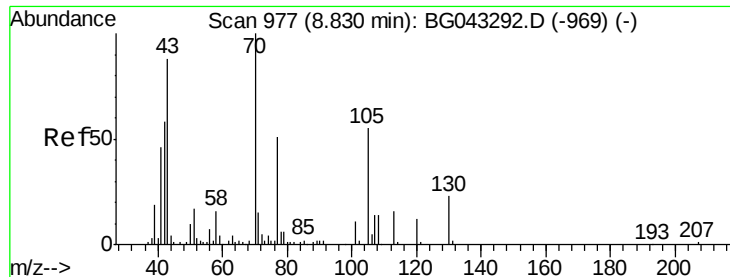
108 25.8 56.0 84.0#

77 93.6 47.9 71.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

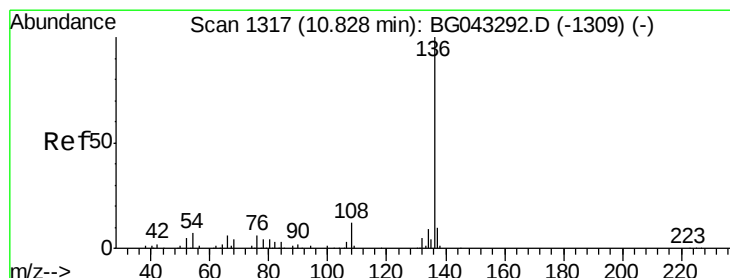
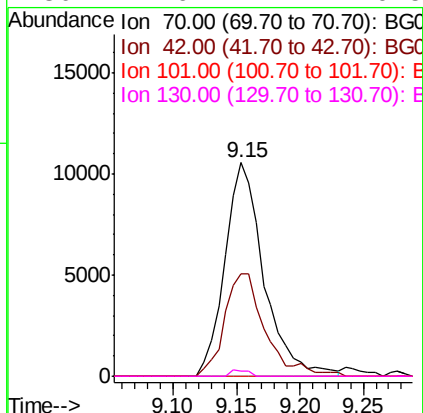
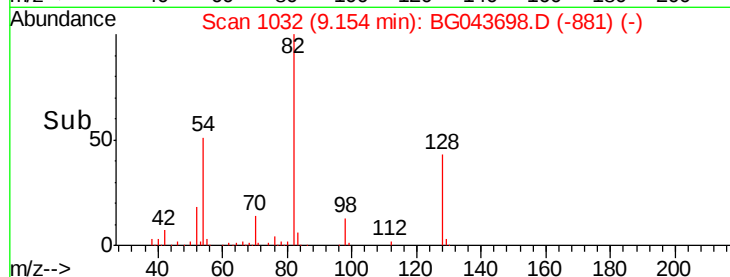
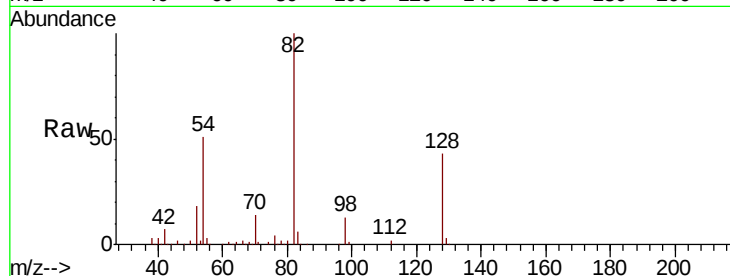




#19
n-Nitroso-di-n-propylamine
Concen: 18.656 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.36 min
Lab File: BG043698.D
Acq: 19 Nov 2019 15:01

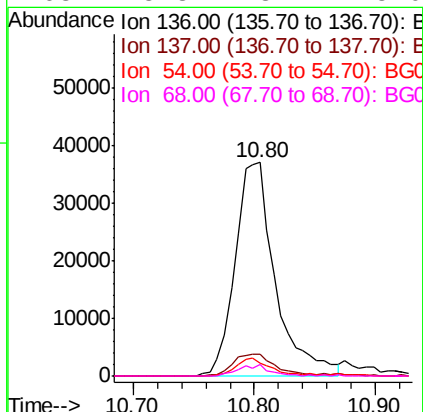
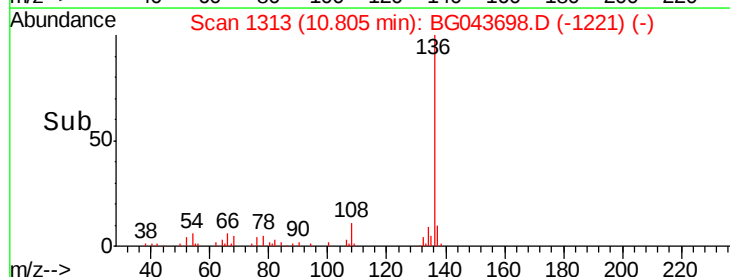
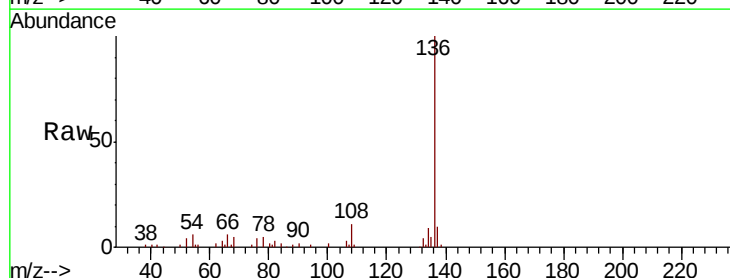
Instrument :
BNA_G
ClientSampleId :

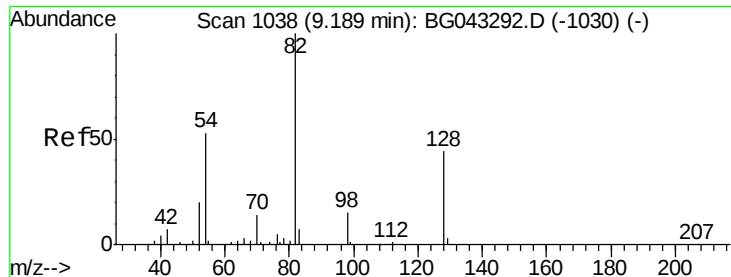
Tot Ion: 70 Resp: 22473
Ion Ratio Lower Upper
70 100
42 48.1 49.7 74.5#
101 0.0 9.7 14.5#
130 2.6 17.7 26.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG043698.D
Acq: 19 Nov 2019 15:01

Tgt Ion: 136 Resp: 85895
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.1 6.2 9.2#
68 5.3 3.4 5.0#

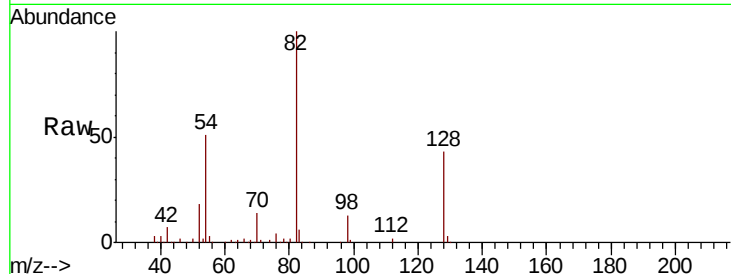




#23
Nitrobenzene-d5
Concen: 97.924 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG043698.D
Acq: 19 Nov 2019 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	163152
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.2	51.4
54	50.5	44.7	67.1

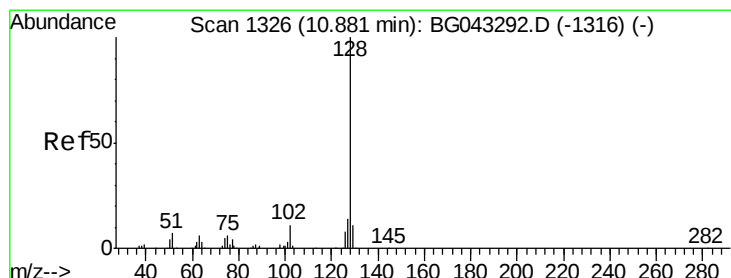
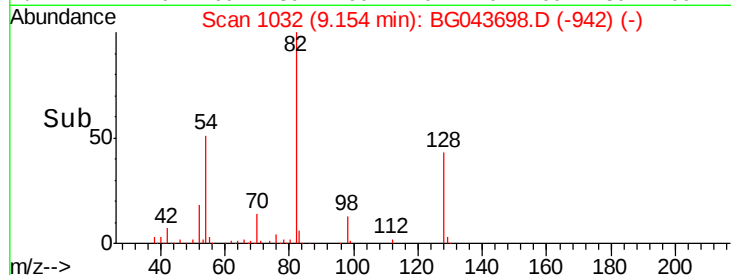
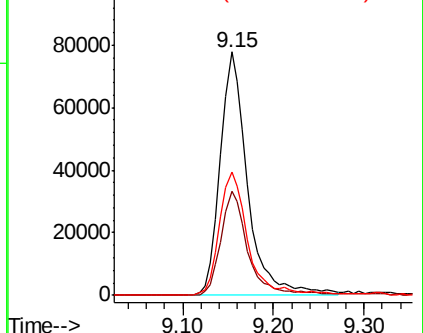


Abundance

Ion 82.00 (81.70 to 82.70): BGC

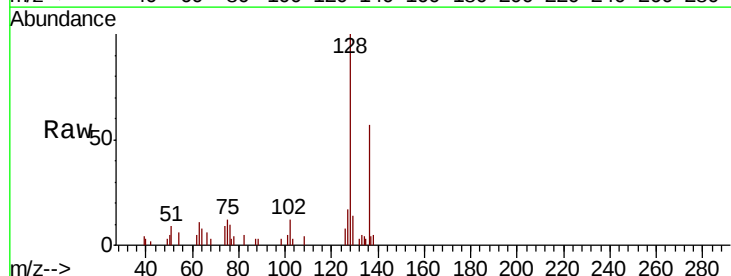
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31
Naphthalene
Concen: 3.435 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG043698.D
Acq: 19 Nov 2019 15:01

Tgt Ion	128	Resp	14976
Ion Ratio	Lower	Upper	
128	100		
129	14.3	9.5	14.3#
127	17.4	11.0	16.4#

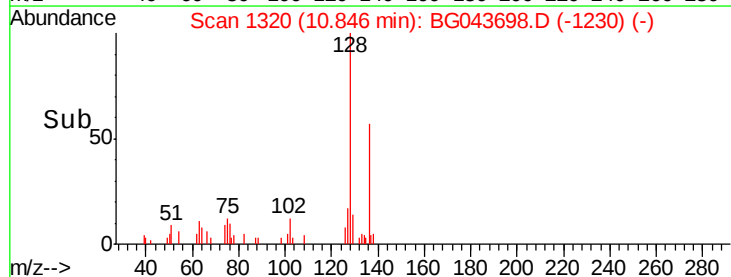
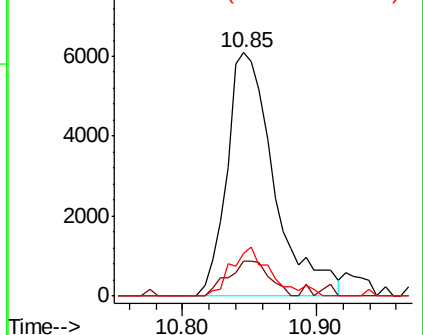


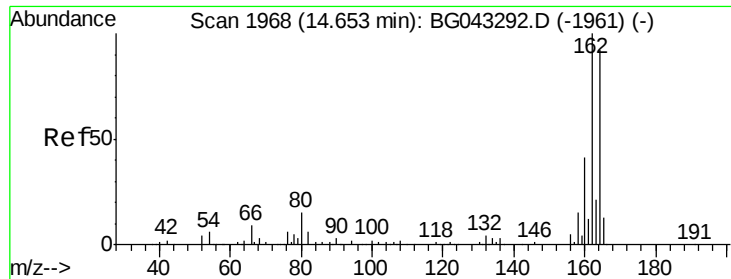
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

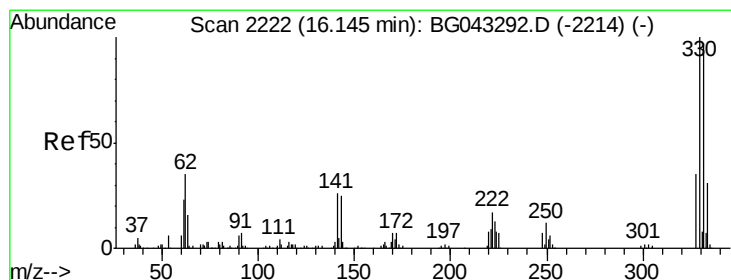
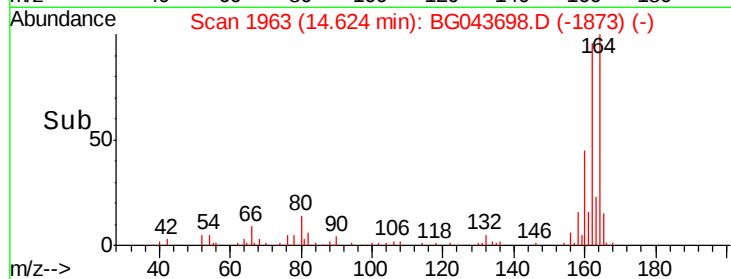
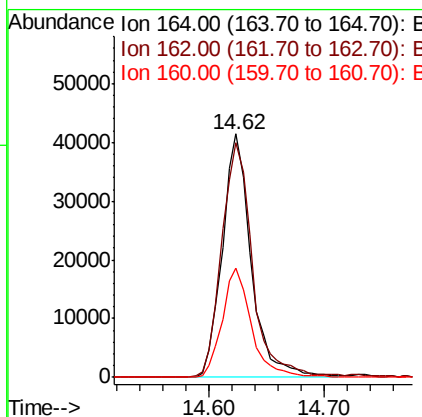
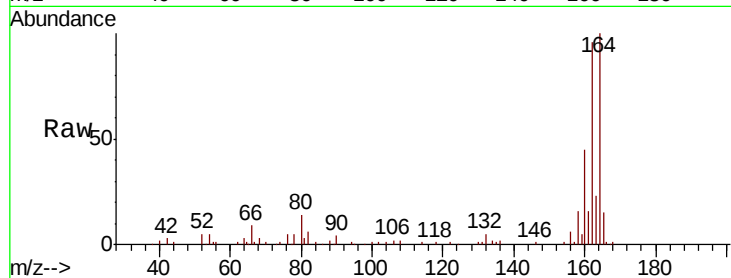




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG043698.D
 Acq: 19 Nov 2019 15:01

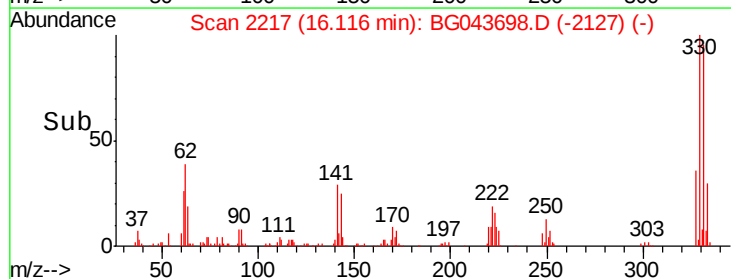
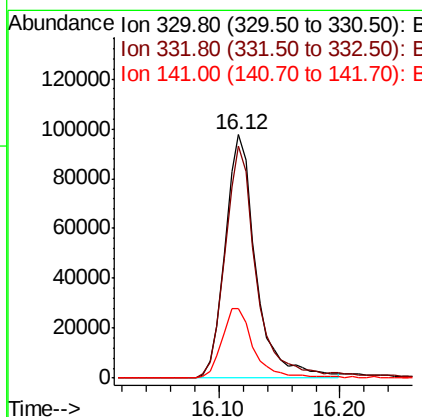
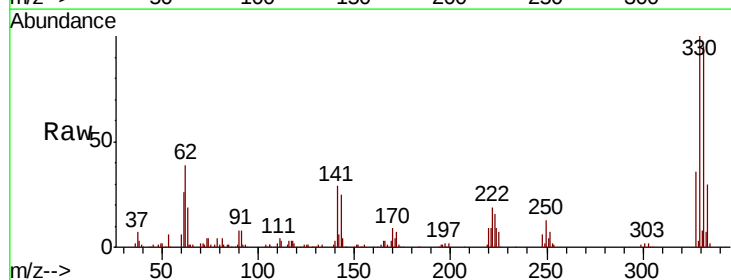
Instrument :
 BNA_G
 ClientSampleId :

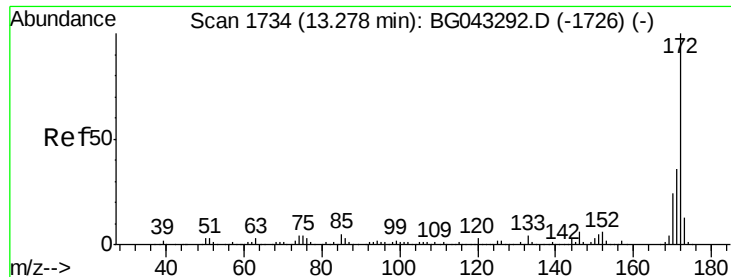
Tot Ion:164 Resp: 71731
 Ion Ratio Lower Upper
 164 100
 162 96.2 79.4 119.2
 160 44.6 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 126.454 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043698.D
 Acq: 19 Nov 2019 15:01

Tgt Ion:330 Resp: 172615
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 30.0 23.4 35.2



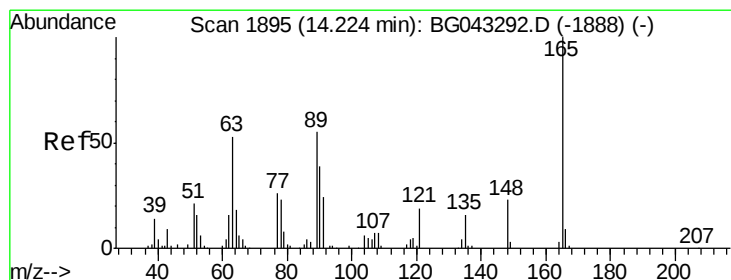
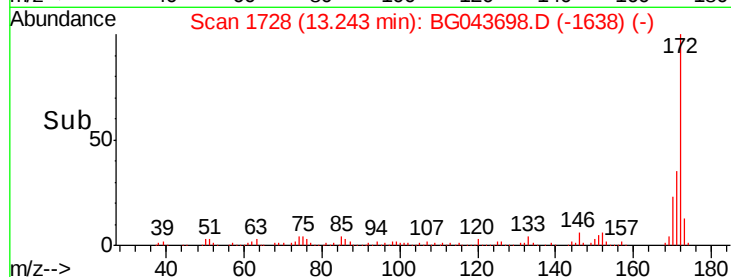
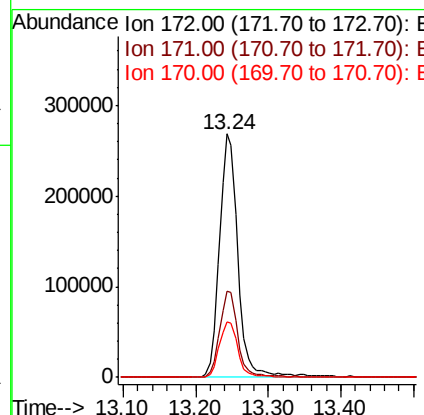
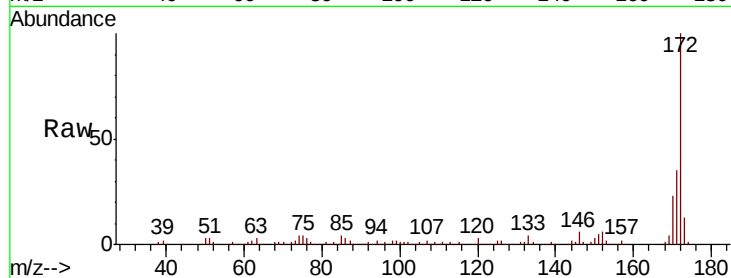


#45
 2-Fluorobiphenyl
 Concen: 91.446 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG043698.D
 Acq: 19 Nov 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 474706

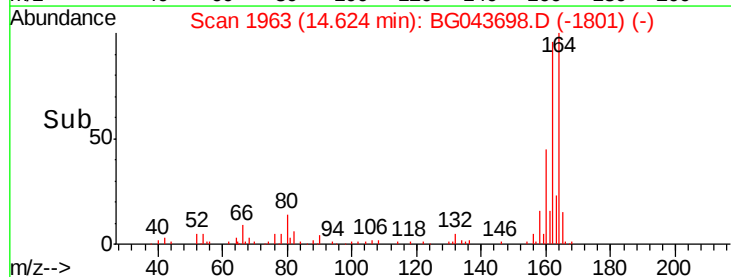
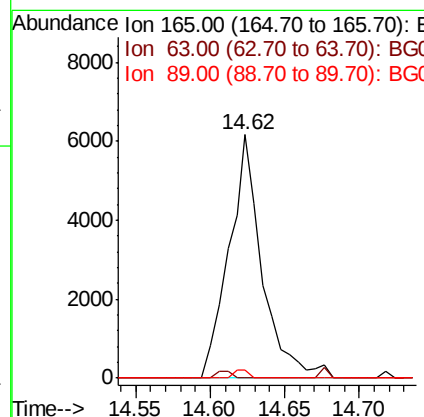
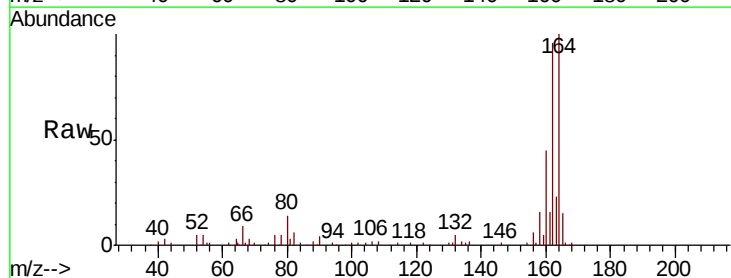
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	22.7	18.8	28.2

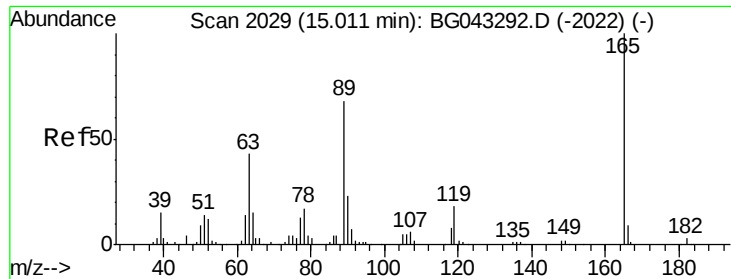


#51
 2,6-Dinitrotoluene
 Concen: 7.919 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.42 min
 Lab File: BG043698.D
 Acq: 19 Nov 2019 15:01

Tgt Ion:165 Resp: 9558

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	3.1	39.8	59.8#

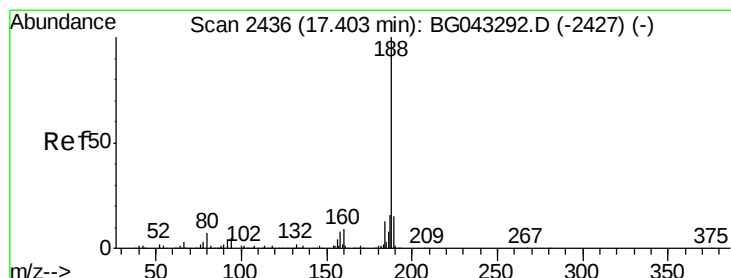
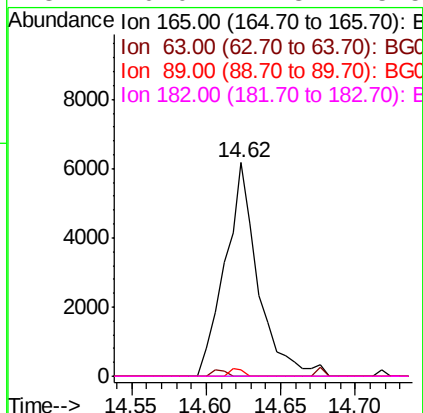
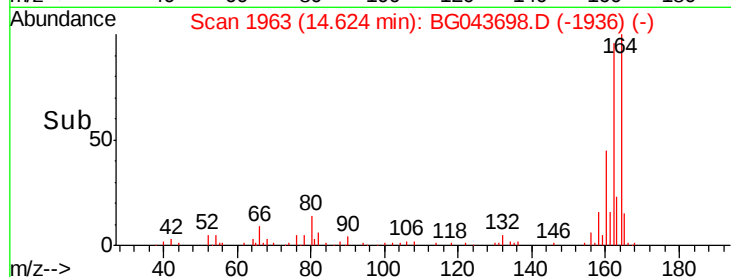
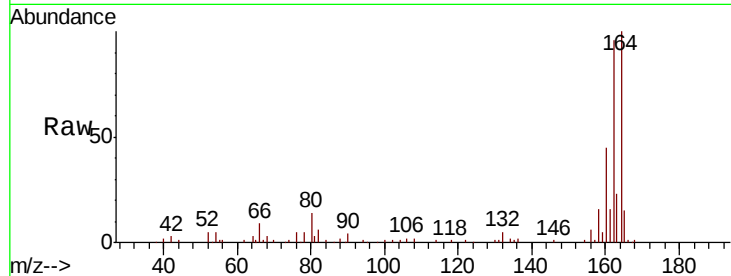




#57
 2,4-Dinitrotoluene
 Concen: 5.541 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.37 min
 Lab File: BG043698.D
 Acq: 19 Nov 2019 15:01

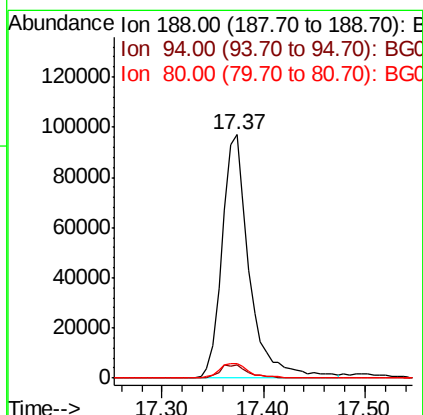
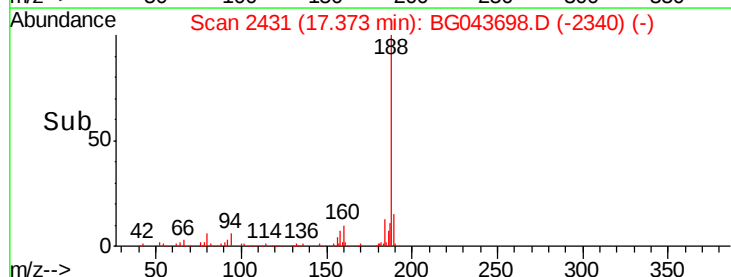
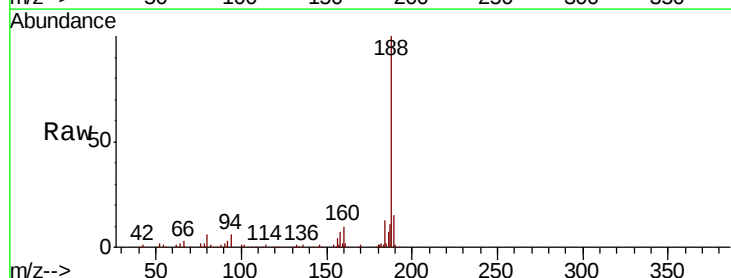
Instrument :
 BNA_G
 ClientSampleId :

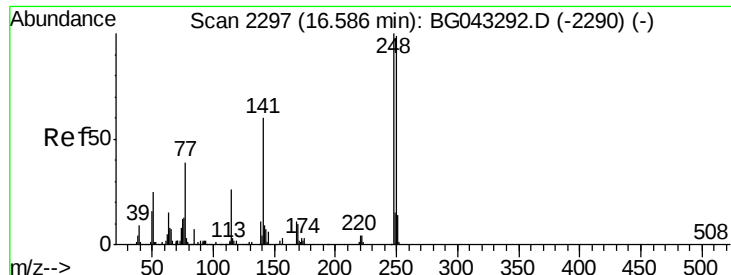
Tot Ion:165	Resp: 9558
Ion Ratio	Lower Upper
165 100	
63 0.0	37.4 56.0#
89 3.1	50.9 76.3#
182 0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: BG043698.D
 Acq: 19 Nov 2019 15:01

Tgt	Ion:188	Resp:	180863
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.6	7.0
80	5.8	5.2	7.8

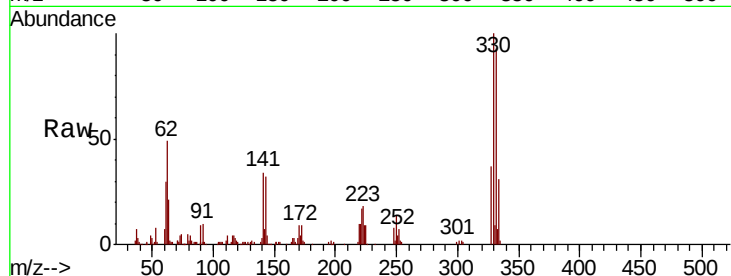




#67
4-Bromophenyl-phenylether
Concen: 4.947 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG043698.D
Acq: 19 Nov 2019 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	179.3	76.3	114.5#
141	439.1	49.5	74.3#

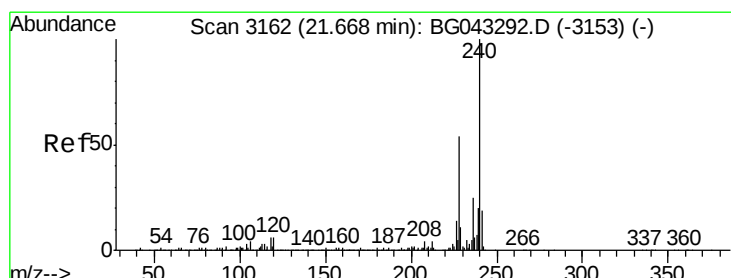
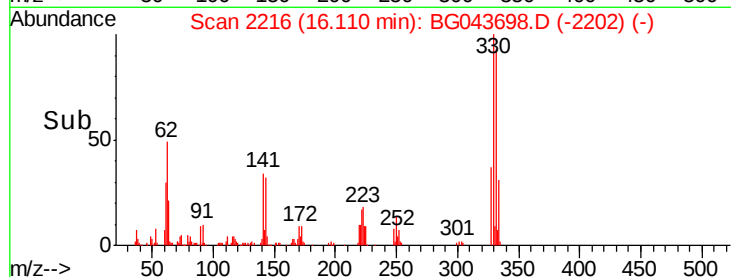
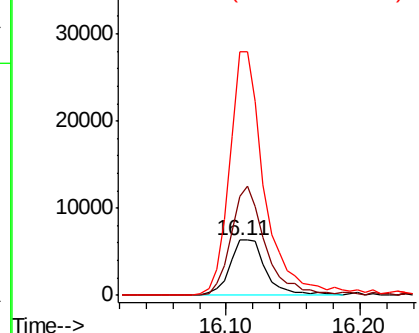


Abundance

Ion 248.00 (247.70 to 248.70): E

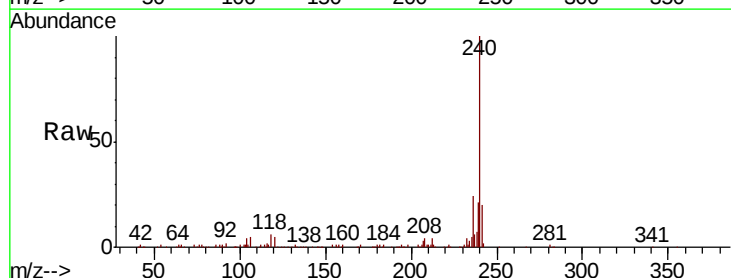
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG043698.D
Acq: 19 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.9	7.3
236	24.0	21.4	32.0

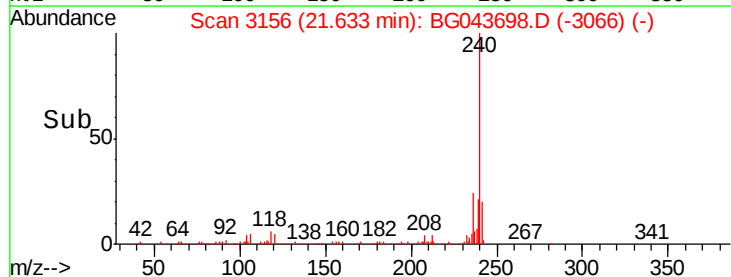
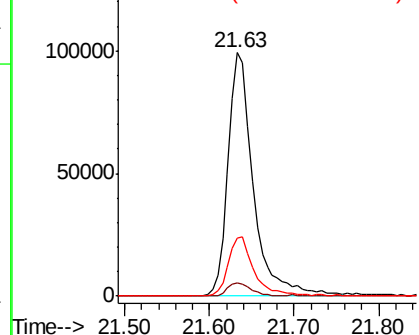


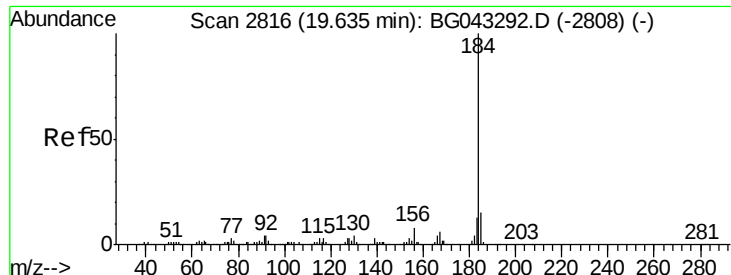
Abundance

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





#77

Benzidine

Concen: 4.121 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.37 min

Lab File: BG043698.D

Acq: 19 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

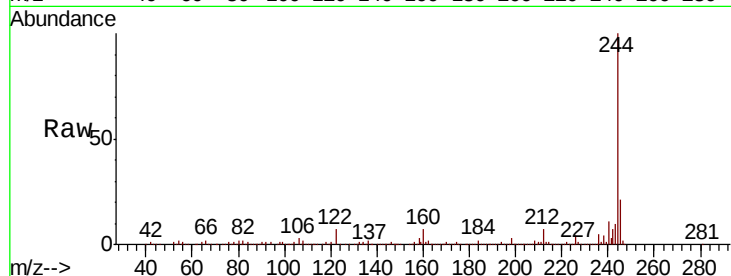
Tot Ion:184 Resp: 17024

Ion Ratio Lower Upper

184 100

185 15.0 12.7 19.1

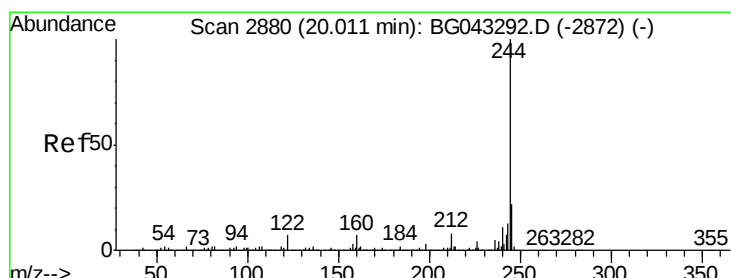
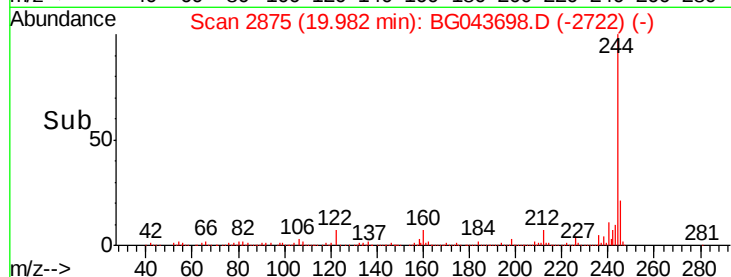
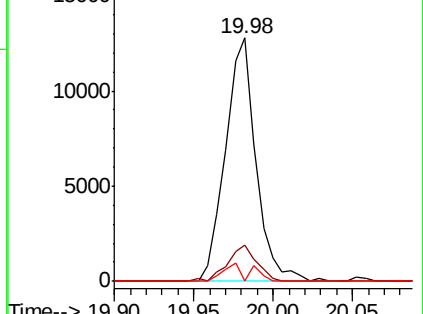
183 0.0 8.8 13.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 102.569 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG043698.D

Acq: 19 Nov 2019 15:01

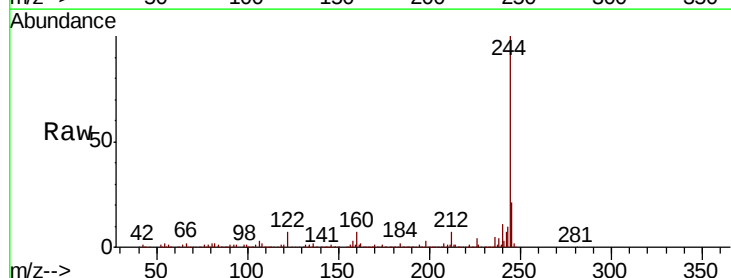
Tgt Ion:244 Resp: 1122252

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

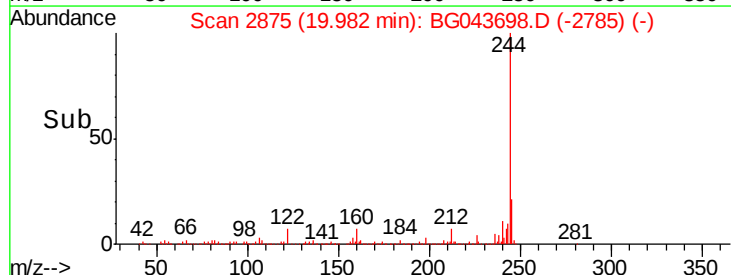
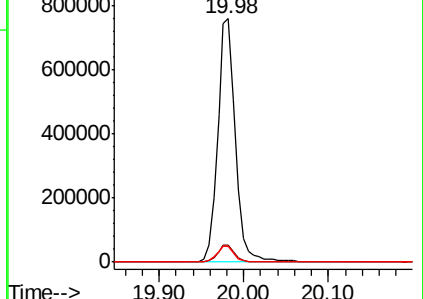
122 6.6 5.2 7.8

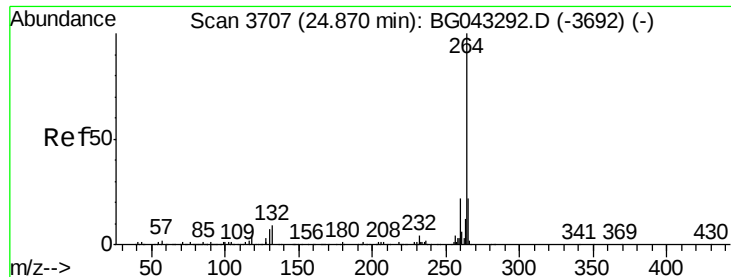


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

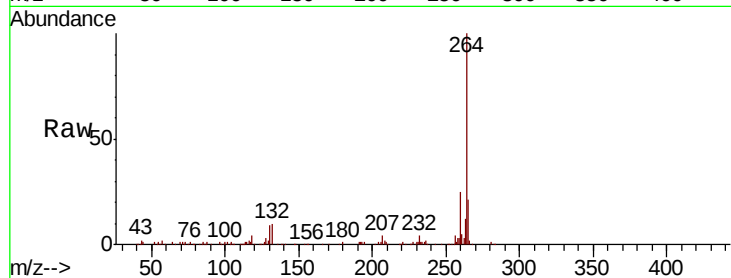




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: BG043698.D
 Acq: 19 Nov 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	21.4	15.8	23.8



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

