

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043671.D
 Acq On : 16 Nov 2019 4:18
 Operator : JU
 Sample : K5840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHIPPS-BH-SW-03

Quant Time: Nov 16 05:27:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

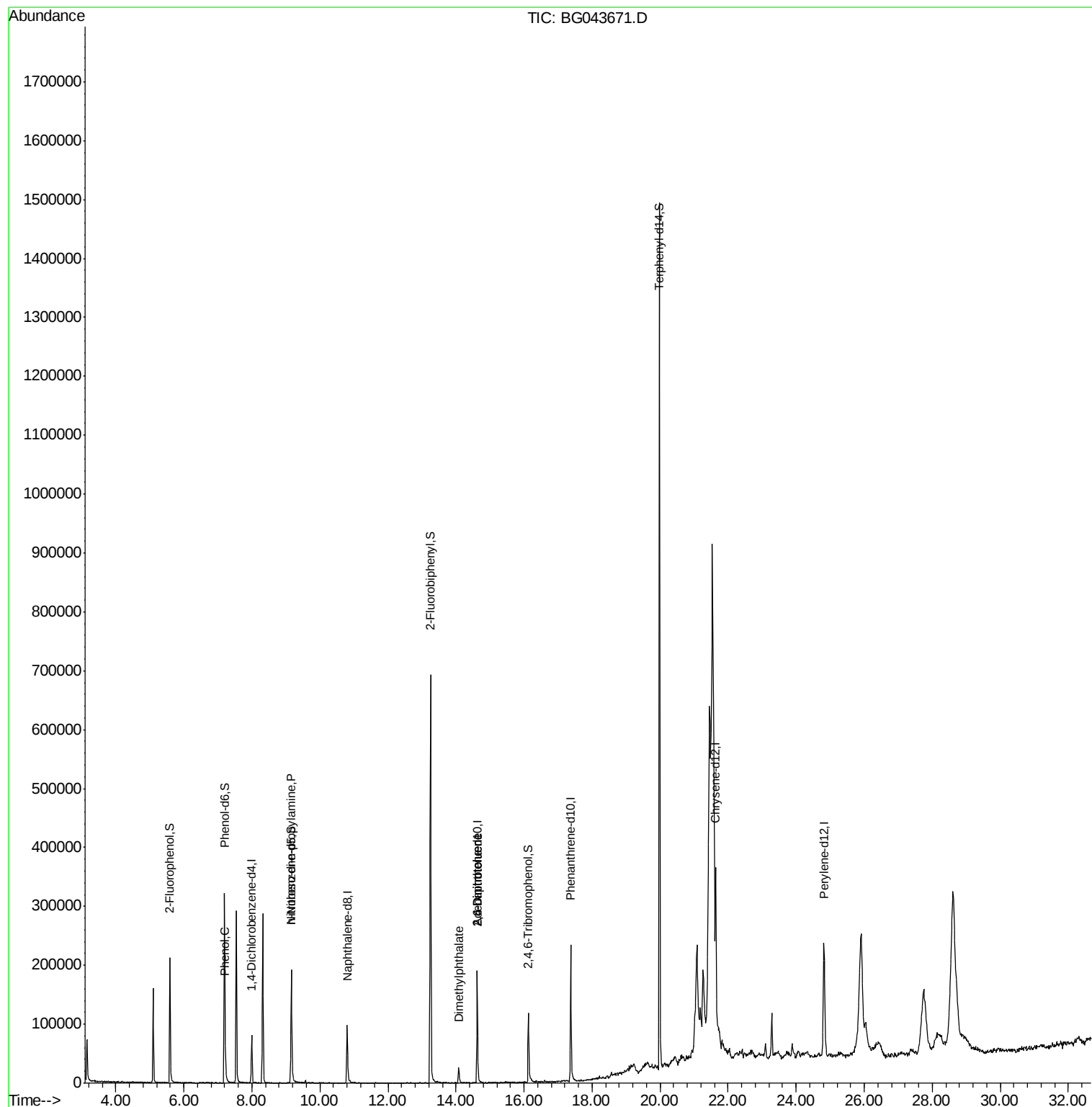
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	24675	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	93224	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	75829	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	176596	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	177700	20.00	ng	-0.02
87) Perylene-d12	24.82	264	223433	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	100726	74.80	ng	0.00
7) Phenol-d6	7.19	99	208310	107.52	ng	0.00
23) Nitrobenzene-d5	9.16	82	137773	76.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	36206	25.09	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	417656	76.11	ng	-0.02
79) Terphenyl-d14	19.98	244	812724	85.80	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	8254	4.662	ng	# 57
19) n-Nitroso-di-n-propylamine	9.16	70	19723	15.754	ng	# 83
50) Dimethylphthalate	14.08	163	26252	4.470	ng	# 99
51) 2,6-Dinitrotoluene	14.62	165	10703	8.388	ng	# 25
57) 2,4-Dinitrotoluene	14.62	165	10703	5.869	ng	# 28

(#) = 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# 835

Delta R.T. -0.01 min

Lab File: BG043671.D

Acq: 16 Nov 2019 4:18

Instrument :

BNA_G

ClientSampleId :

PHIPPS-BH-SW-03

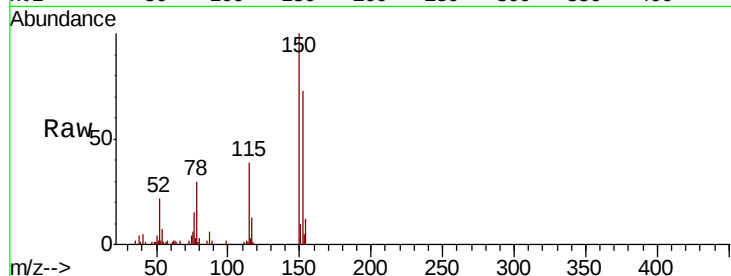
Tot Ion:152 Resp: 24675

Ion Ratio Lower Upper

152 100

150 137.2 129.4 194.0

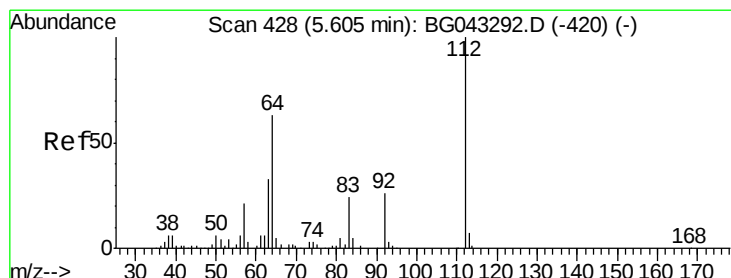
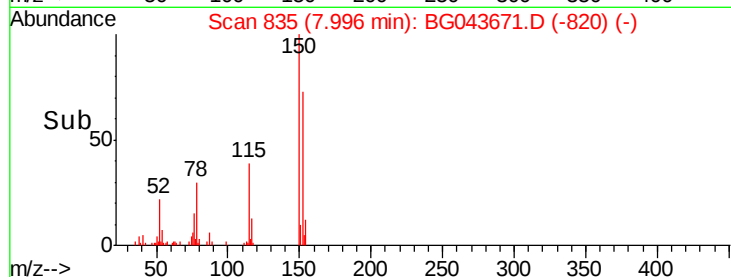
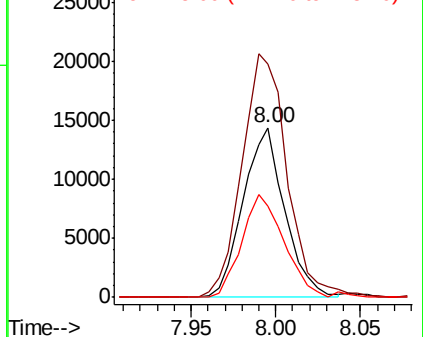
115 53.9 48.8 73.2



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: 74.802 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG043671.D

Acq: 16 Nov 2019 4:18

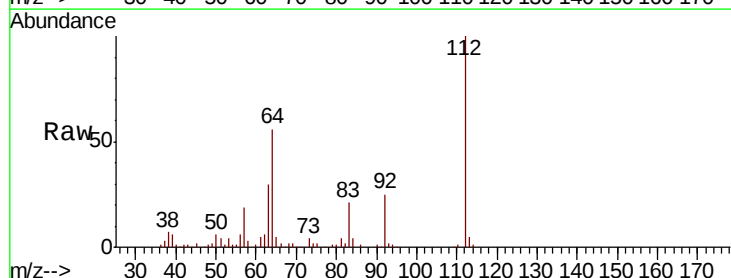
Tgt Ion:112 Resp: 100726

Ion Ratio Lower Upper

112 100

64 56.4 50.0 75.0

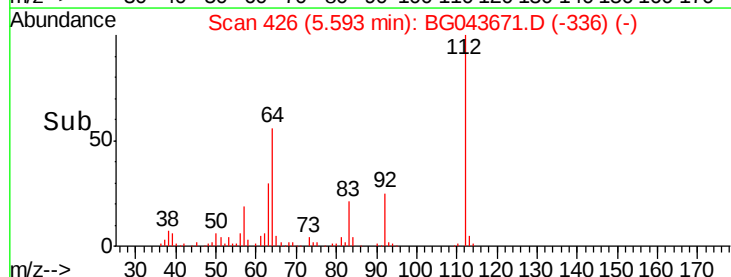
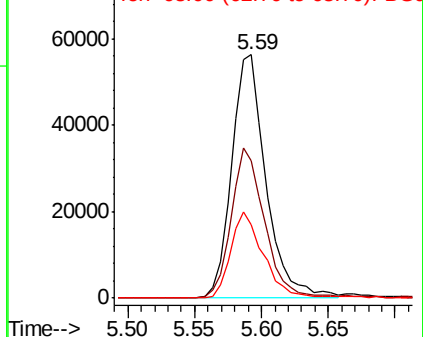
63 30.0 26.6 40.0



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: 107.521 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043671.D

Acq: 16 Nov 2019 4:18

Instrument :

BNA_G

ClientSampleId :

PHIPPS-BH-SW-03

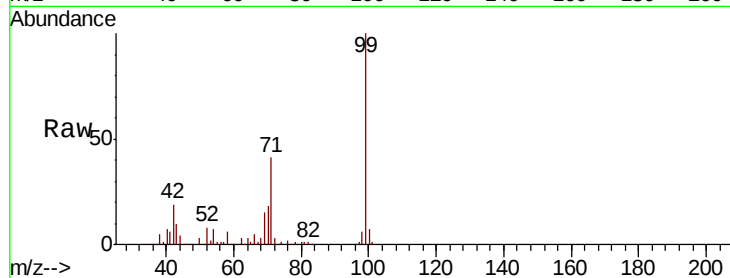
Tot Ion: 99 Resp: 208310

Ion Ratio Lower Upper

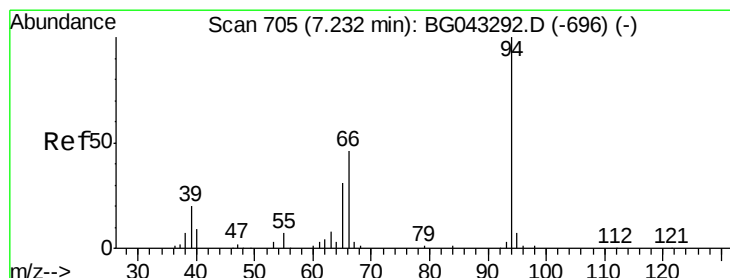
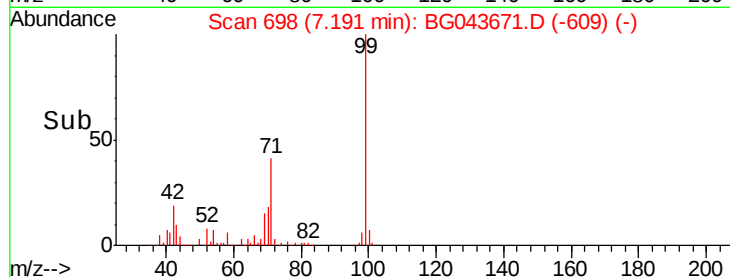
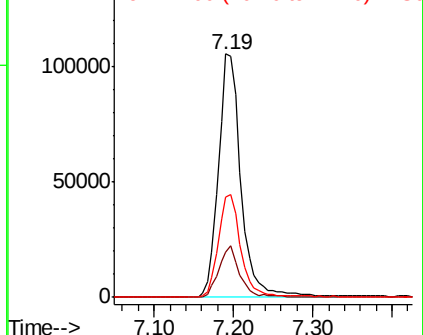
99 100

42 18.8 14.6 21.8

71 41.3 32.5 48.7



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: 4.662 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043671.D

Acq: 16 Nov 2019 4:18

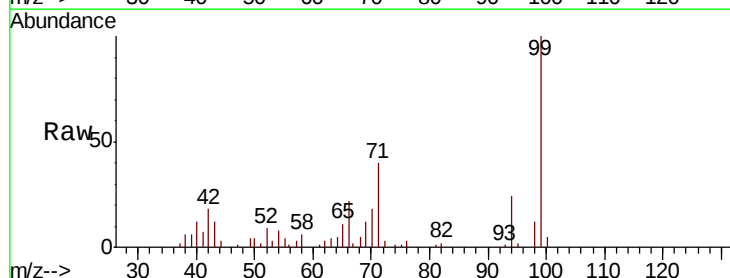
Tgt Ion: 94 Resp: 8254

Ion Ratio Lower Upper

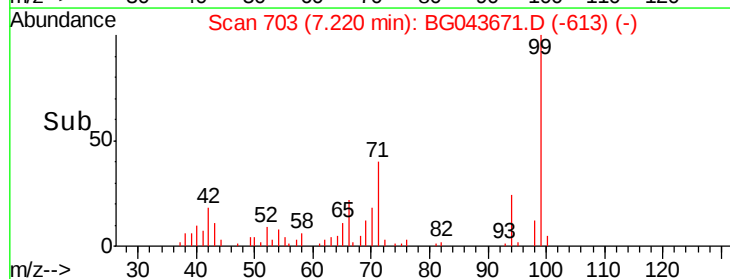
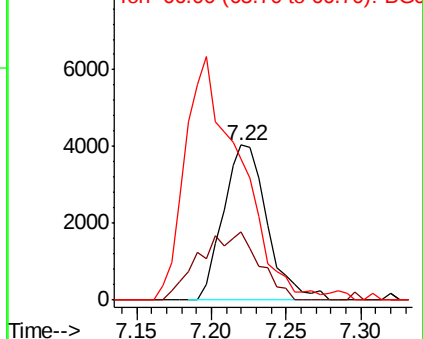
94 100

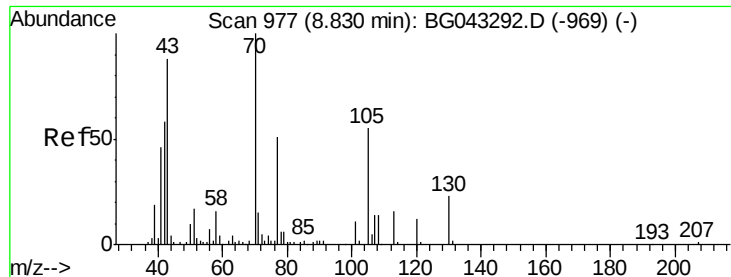
65 43.8 12.6 52.6

66 90.8 30.7 70.7#



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: 15.754 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.35 min

Lab File: BG043671.D

Acq: 16 Nov 2019 4:18

Instrument :

BNA_G

ClientSampleId :

PHIPPS-BH-SW-03

Tot Ion: 70 Resp: 19723

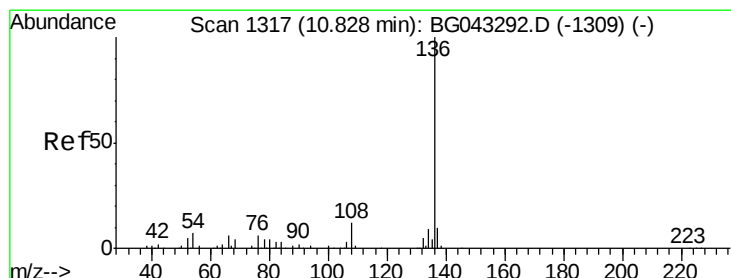
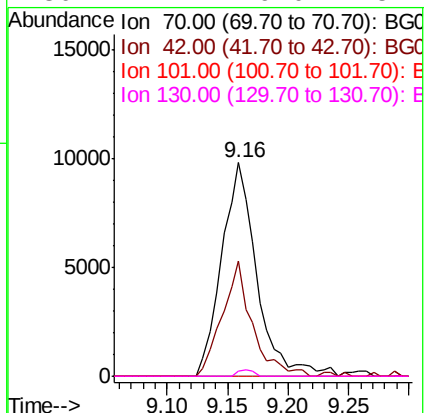
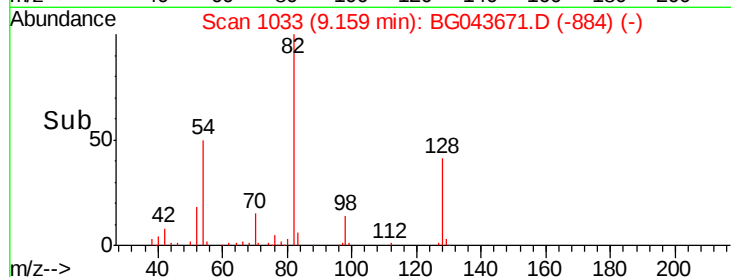
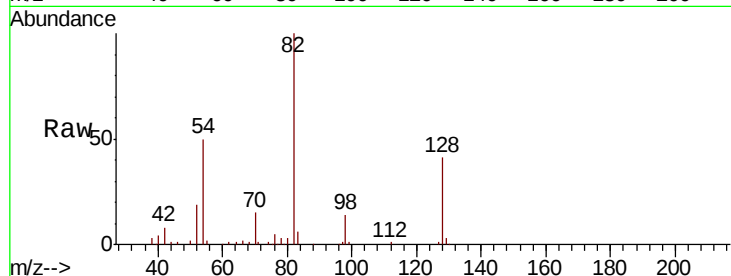
Ion Ratio Lower Upper

70 100

42 54.2 41.4 62.2

101 0.0 7.9 11.9#

130 2.7 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043671.D

Acq: 16 Nov 2019 4:18

Tgt Ion: 136 Resp: 93224

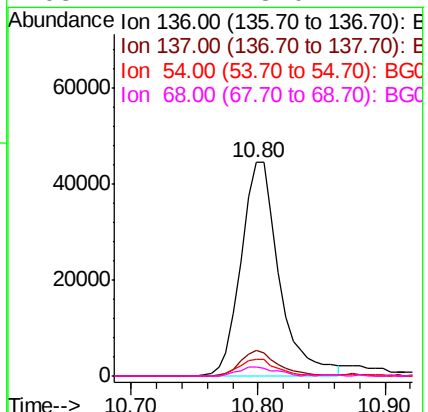
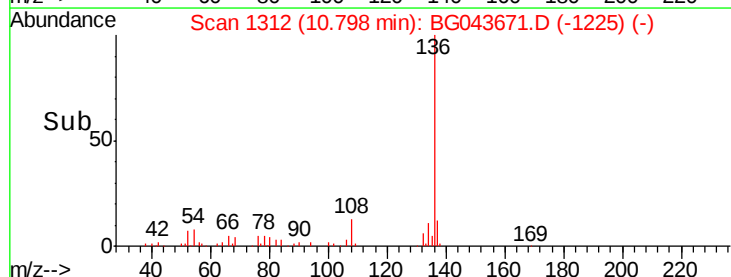
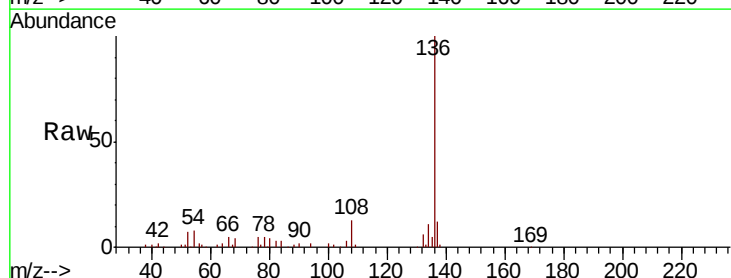
Ion Ratio Lower Upper

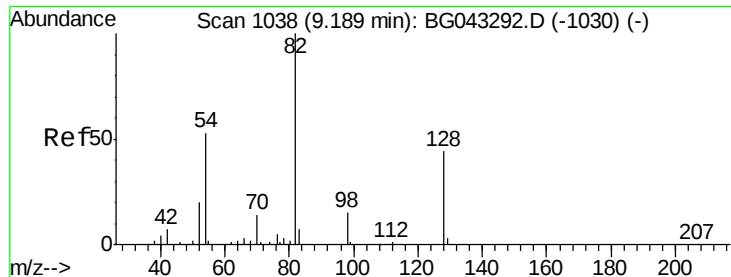
136 100

137 12.1 8.7 13.1

54 7.7 5.4 8.2

68 4.1 3.0 4.4

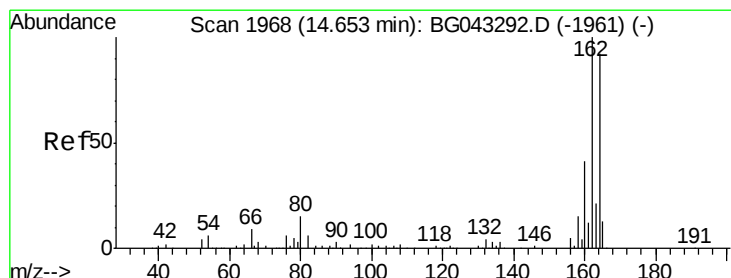
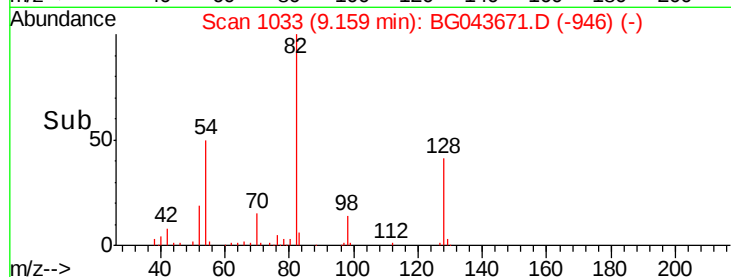
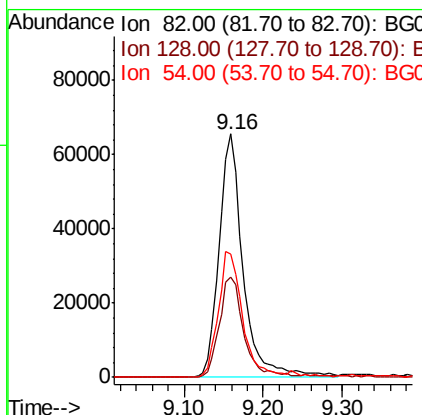
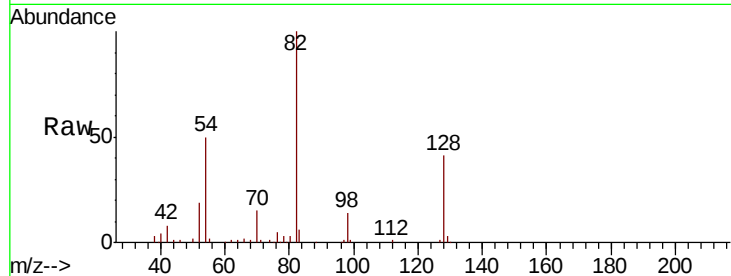




#23
Nitrobenzene-d5
Concen: 76.191 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

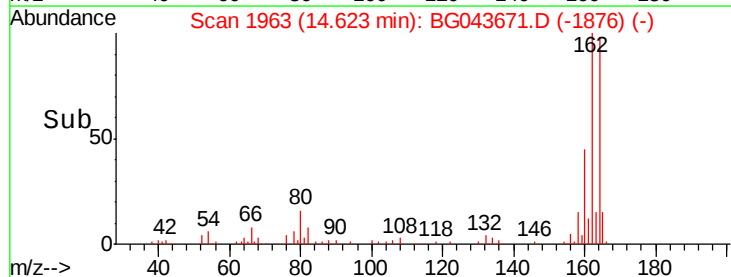
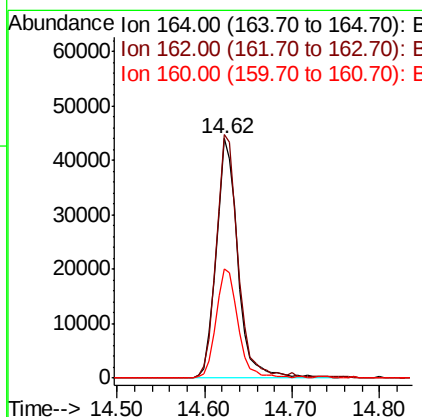
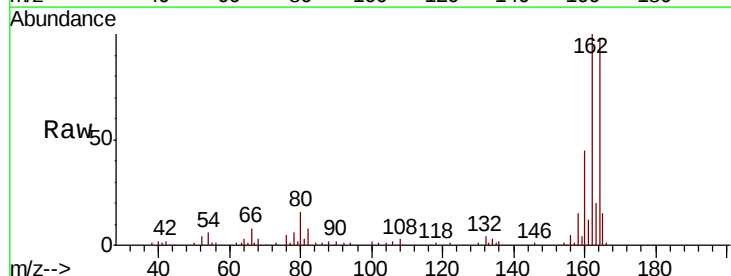
Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

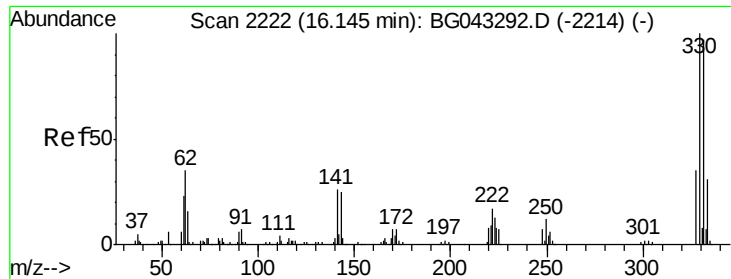
Tot Ion: 82 Resp: 137773
Ion Ratio Lower Upper
82 100
128 41.4 35.0 52.6
54 50.4 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion:164 Resp: 75829
Ion Ratio Lower Upper
164 100
162 101.6 83.5 125.3
160 45.5 36.5 54.7

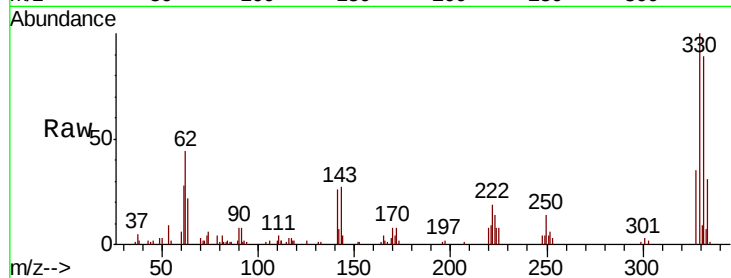




#42
 2,4,6-Tribromophenol
 Concen: 25.090 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043671.D
 Acq: 16 Nov 2019 4:18

Instrument :
 BNA_G
 ClientSampleId :
 PHIPPS-BH-SW-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.0
141	28.5	22.8	34.2

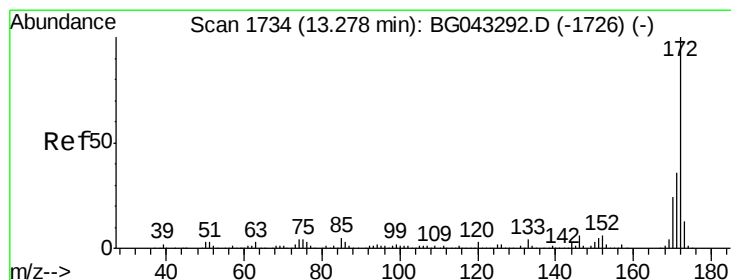
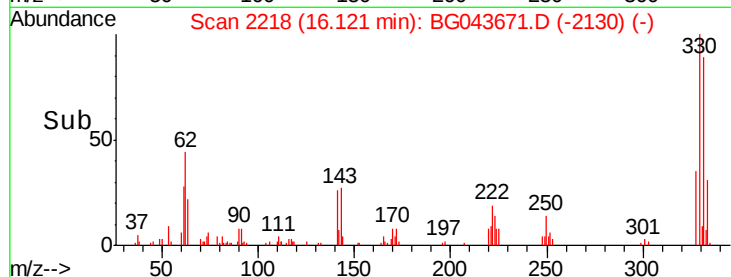
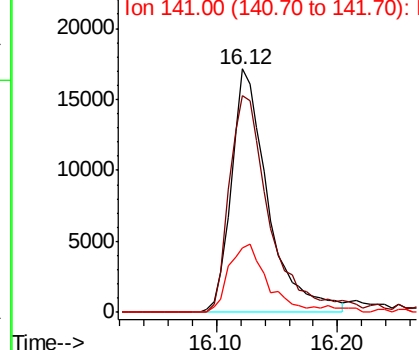


Abundance

Ion 329.80 (329.50 to 330.50): E

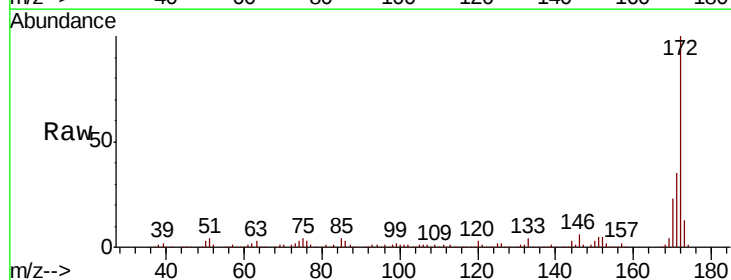
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.108 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043671.D
 Acq: 16 Nov 2019 4:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.0	18.5	27.7

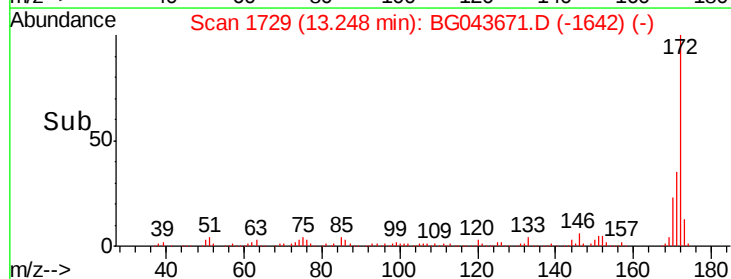
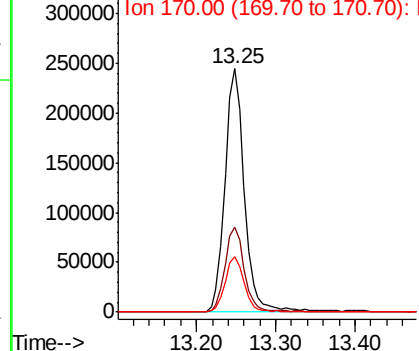


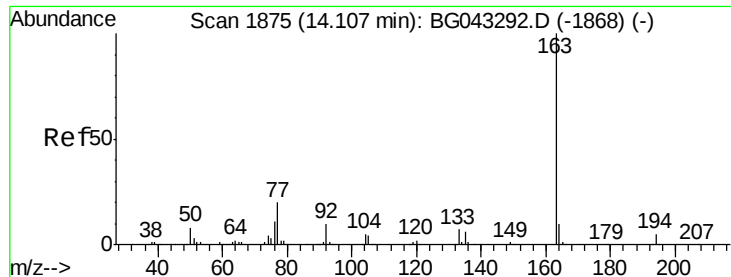
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

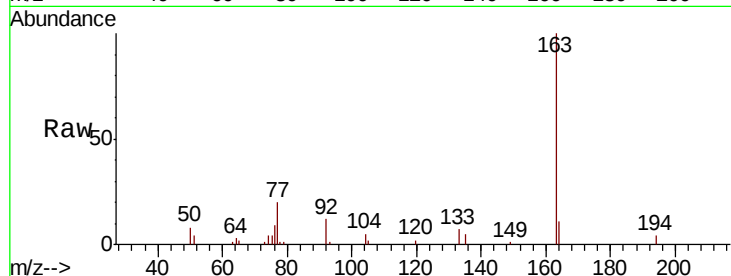




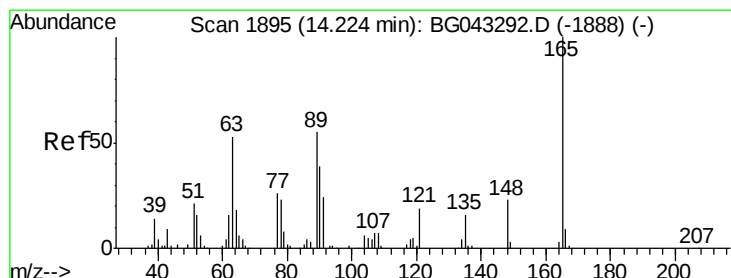
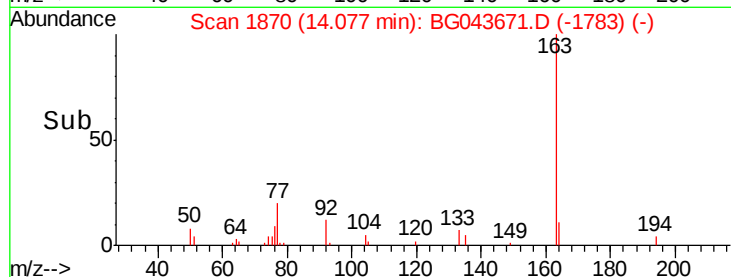
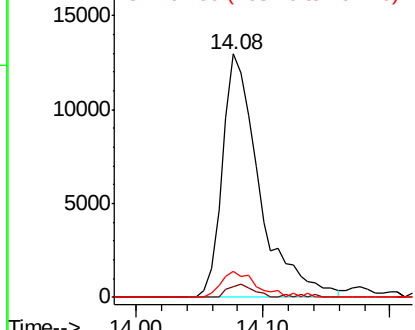
#50
Dimethylphthalate
Concen: 4.470 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

Tot Ion:163 Resp: 26252
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.7 8.9 13.3

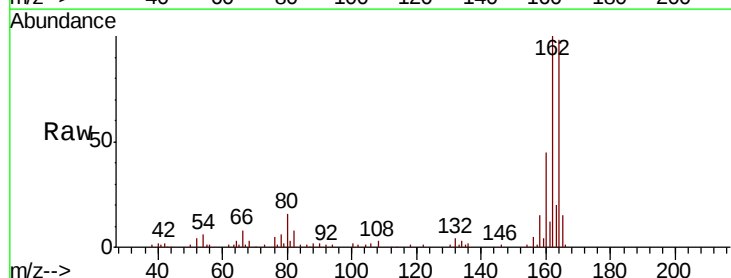


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

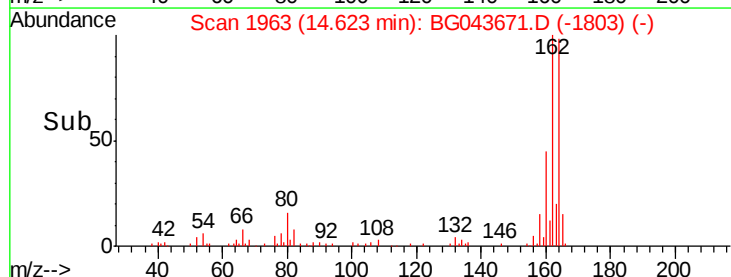
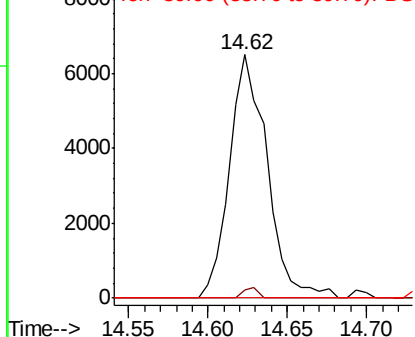


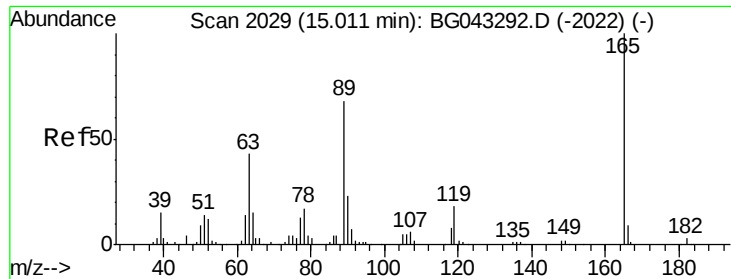
#51
2,6-Dinitrotoluene
Concen: 8.388 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.41 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion:165 Resp: 10703
Ion Ratio Lower Upper
165 100
63 3.5 46.6 69.8#
89 0.0 45.1 67.7#



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

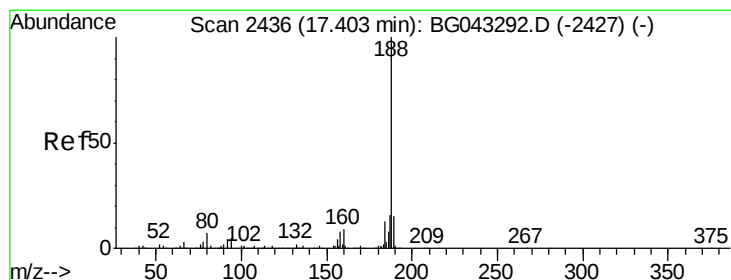
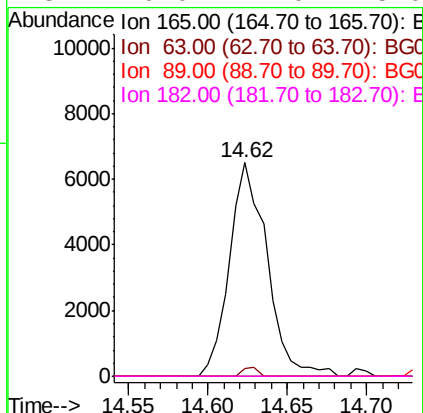
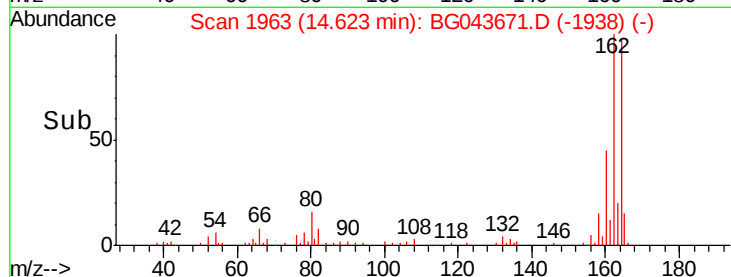
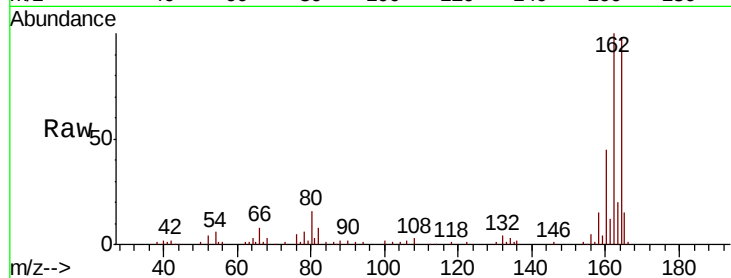




#57
 2,4-Dinitrotoluene
 Concen: 5.869 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043671.D
 Acq: 16 Nov 2019 4:18

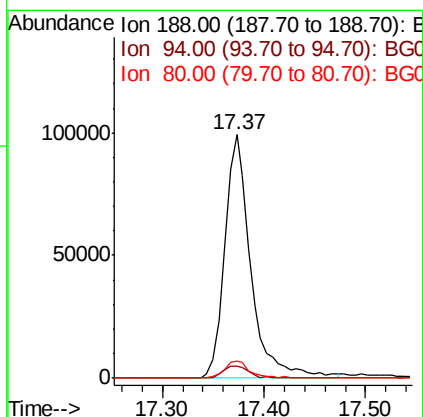
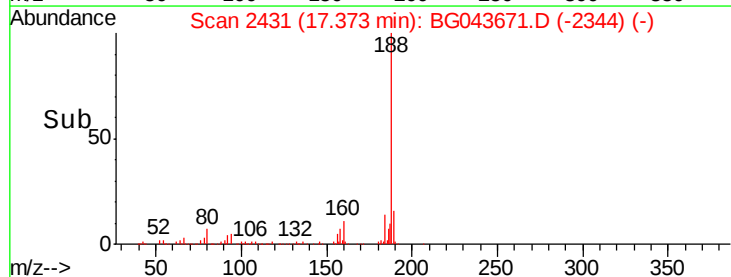
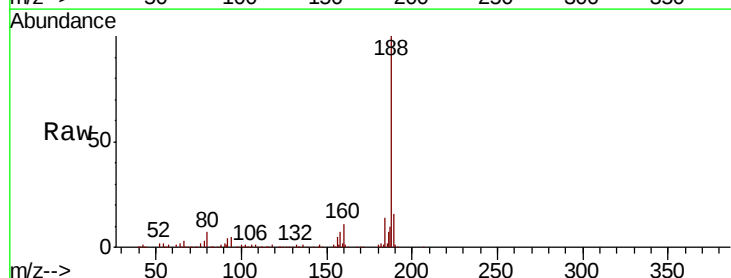
Instrument :
 BNA_G
 ClientSampleId :
 PHIPPS-BH-SW-03

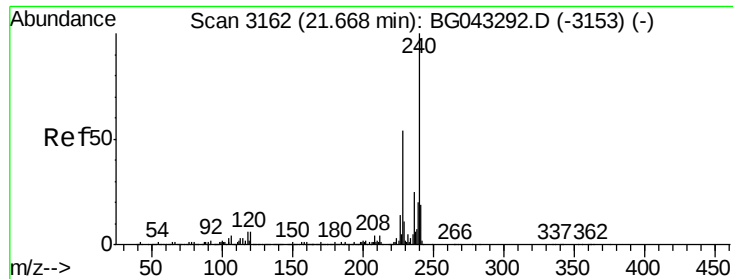
Tot Ion:	165	Resp:	10703
Ion	Ratio	Lower	Upper
165	100		
63	3.5	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG043671.D
 Acq: 16 Nov 2019 4:18

Tgt Ion:	188	Resp:	176596
Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.2	6.4
80	6.9	4.5	6.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043671.D

Acq: 16 Nov 2019 4:18

Instrument :

BNA_G

ClientSampleId :

PHIPPS-BH-SW-03

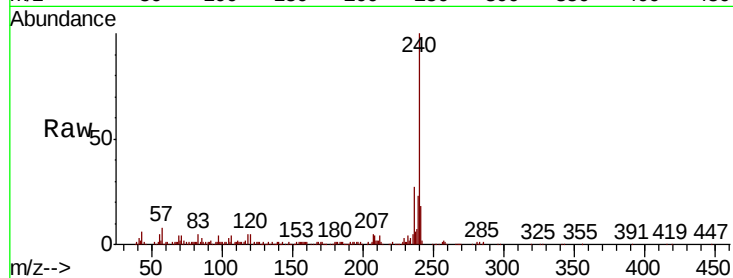
Tot Ion:240 Resp: 177700

Ion Ratio Lower Upper

240 100

120 5.3 4.6 6.8

236 26.5 19.8 29.8

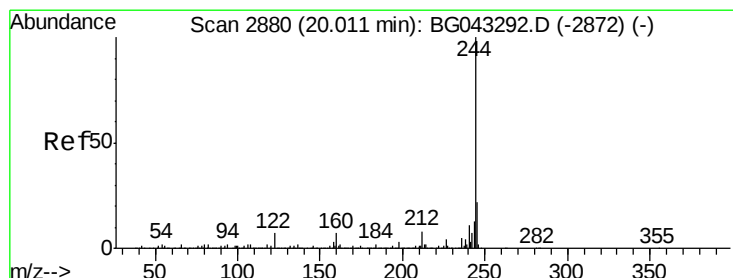
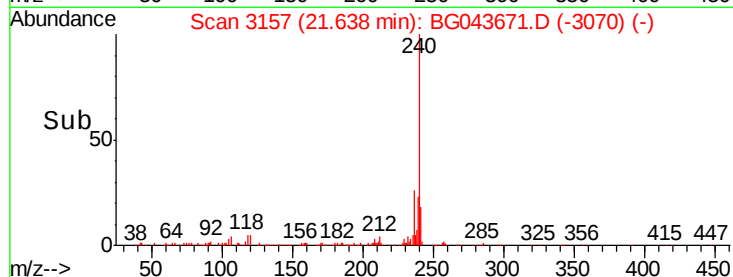
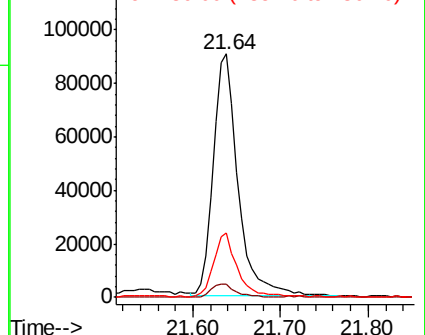


Abundance

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: 85.803 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043671.D

Acq: 16 Nov 2019 4:18

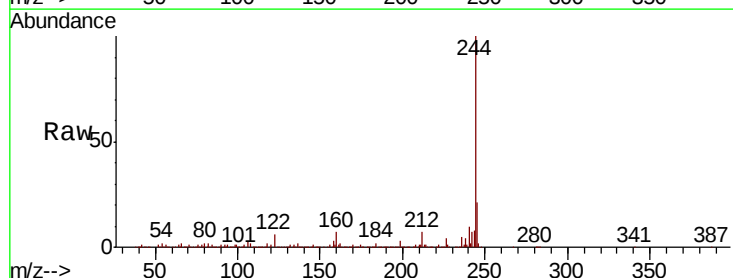
Tgt Ion:244 Resp: 812724

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 6.5 5.4 8.2

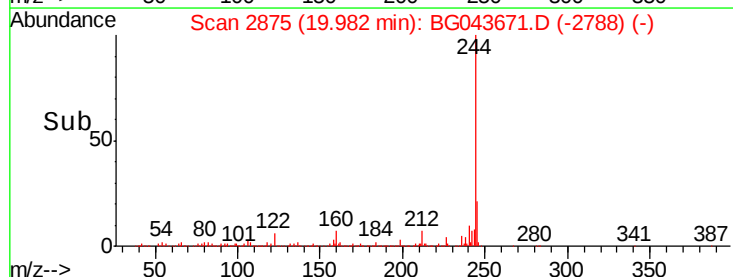
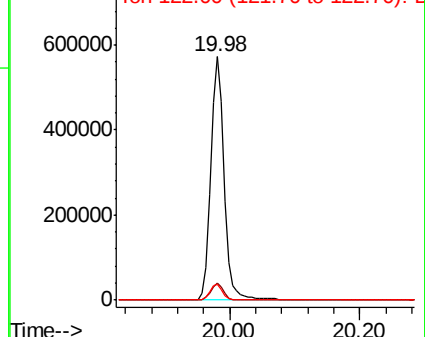


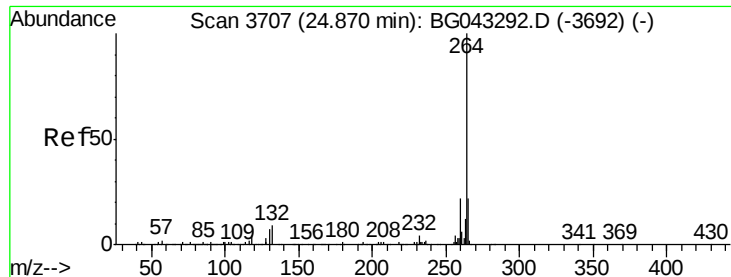
Abundance

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

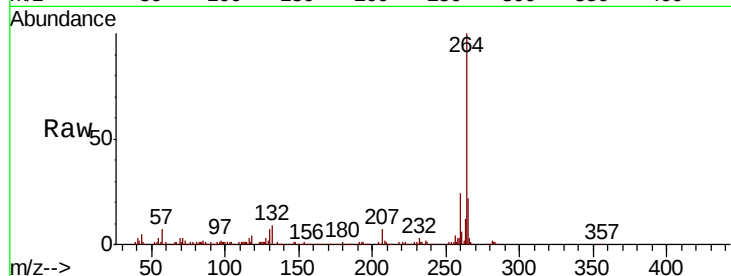




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3698
 Delta R.T. -0.04 min
 Lab File: BG043671.D
 Acq: 16 Nov 2019 4:18

Instrument :
 BNA_G
 ClientSampleId :
 PHIPPS-BH-SW-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.5	26.3
265	22.0	17.4	26.0



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

