

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043690.D
 Acq On : 19 Nov 2019 2:07
 Operator : JU
 Sample : K5833-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 03:00:03 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

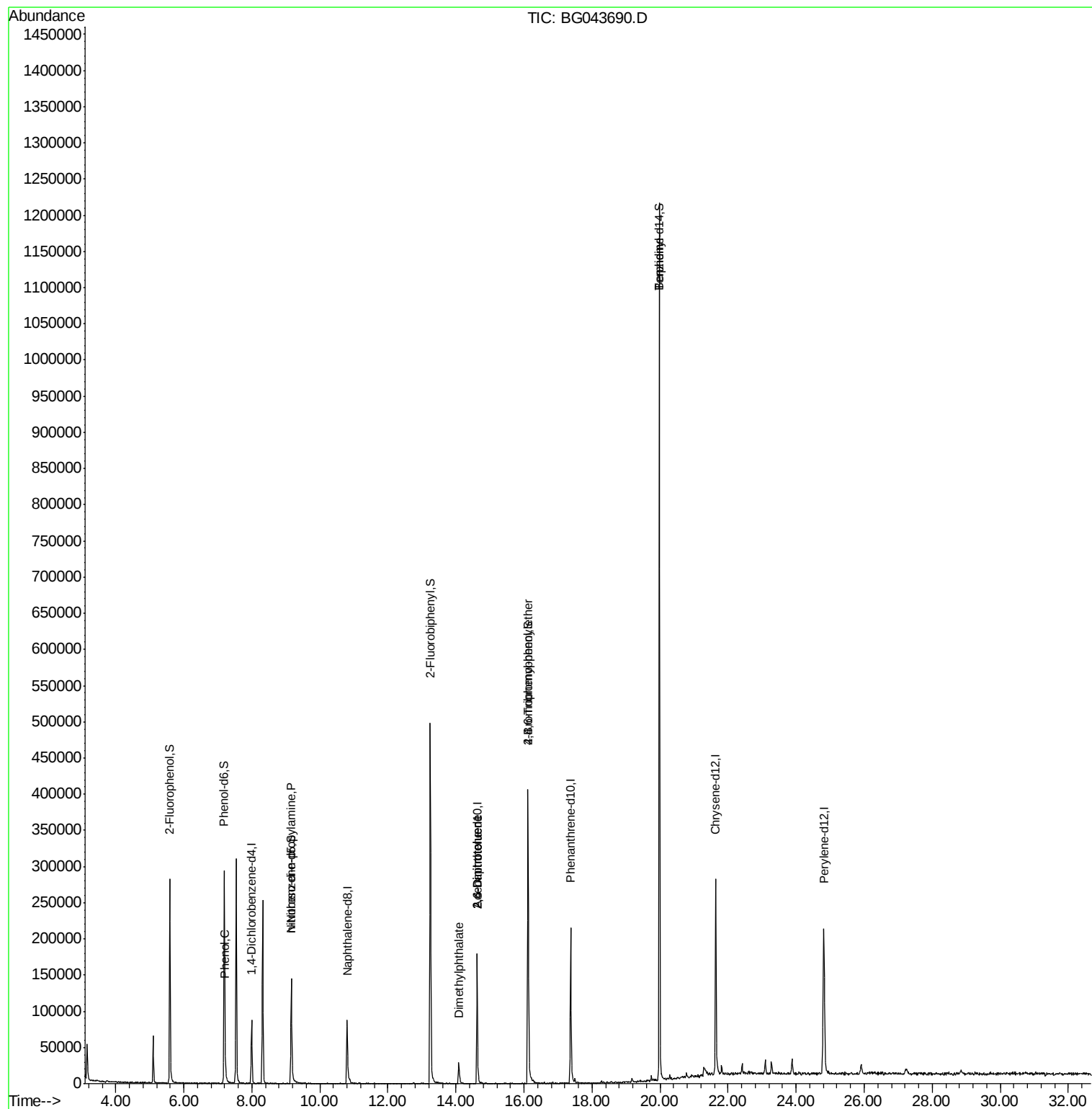
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27228	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	90467	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	73390	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	178771	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	203216	20.00	ng	-0.02
87) Perylene-d12	24.81	264	236186	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	135432	91.15	ng	0.00
7) Phenol-d6	7.19	99	190271	89.00	ng	-0.01
23) Nitrobenzene-d5	9.15	82	113798	64.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	111068	79.53	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	317963	59.87	ng	-0.02
79) Terphenyl-d14	19.98	244	684888	63.23	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	8554	4.379	ng	83
19) n-Nitroso-di-n-propylamine	9.16	70	15575	11.275	ng	# 79
50) Dimethylphthalate	14.08	163	30180	5.309	ng	# 97
51) 2,6-Dinitrotoluene	14.62	165	10015	8.110	ng	# 22
57) 2,4-Dinitrotoluene	14.62	165	10015	5.675	ng	# 25
67) 4-Bromophenyl-phenylether	16.12	248	7279	3.026	ng	# 1
77) Benzidine	19.98	184	9945	2.432	ng	# 93

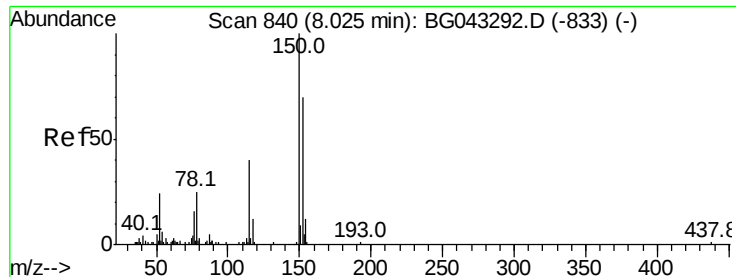
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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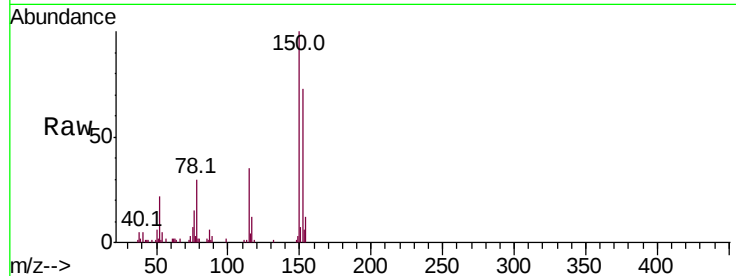


#1

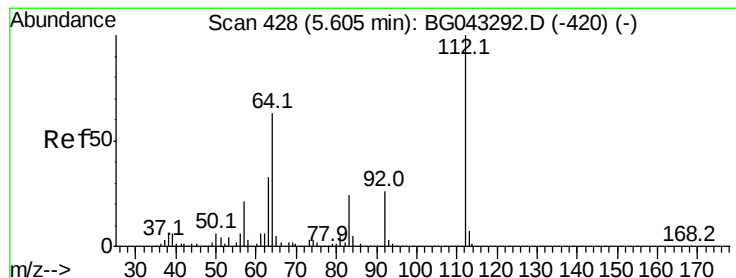
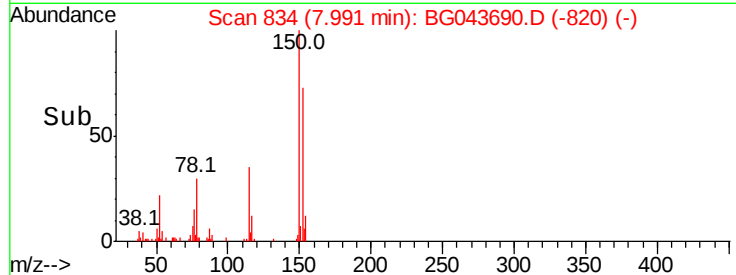
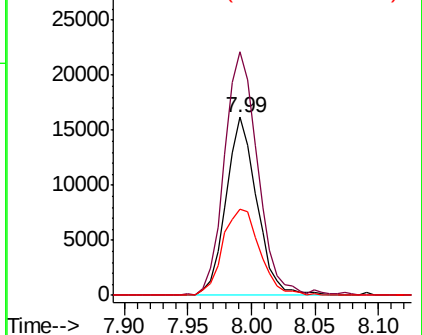
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27228
Ion Ratio Lower Upper
152 100
150 136.8 129.4 194.0
115 48.3 48.8 73.2#



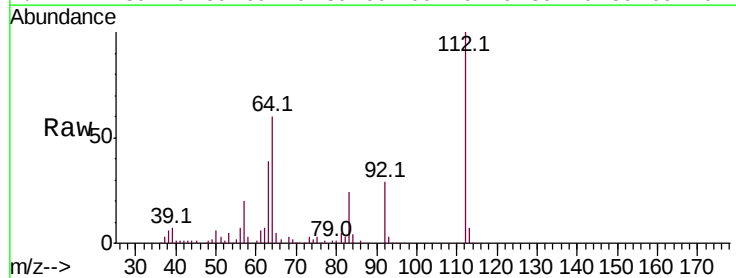
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



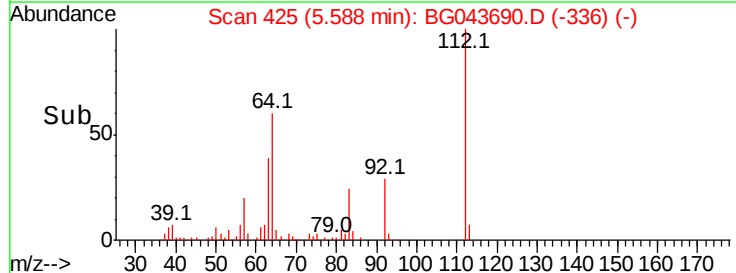
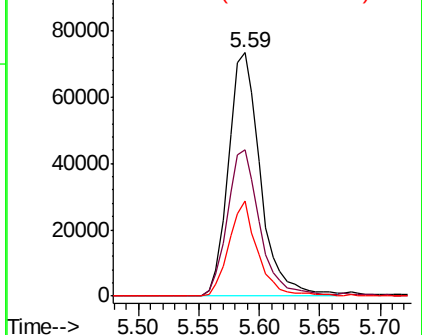
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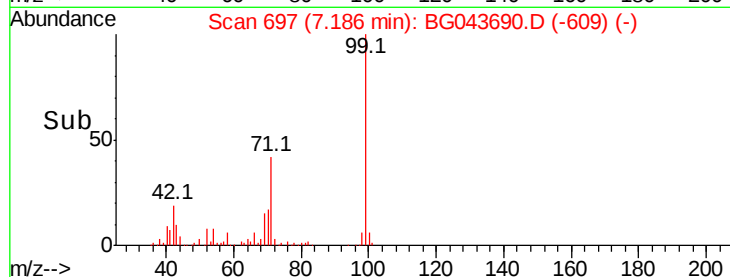
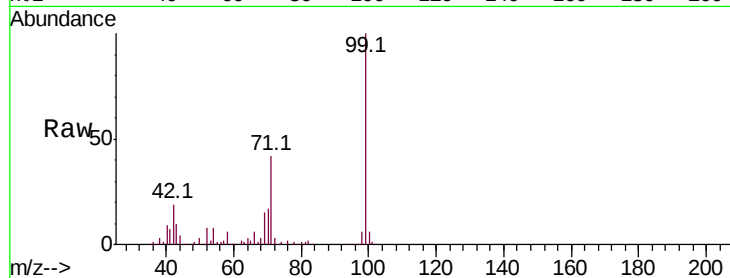
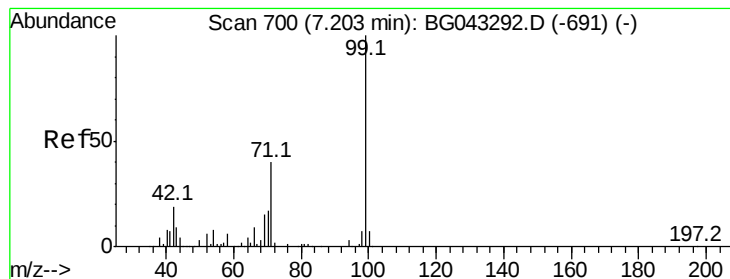
2-Fluorophenol
Concen: 91.146 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Tgt Ion:112 Resp: 135432
Ion Ratio Lower Upper
112 100
64 60.1 50.0 75.0
63 38.8 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: 89.002 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

Instrument :

BNA_G

ClientSampleId :

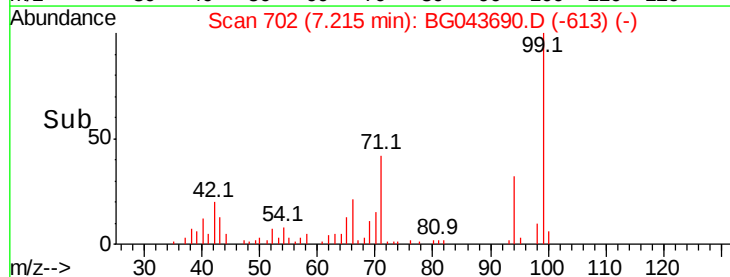
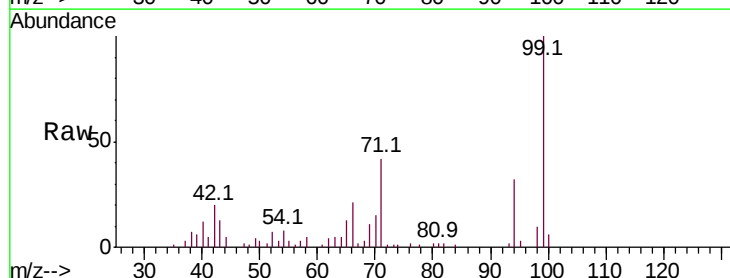
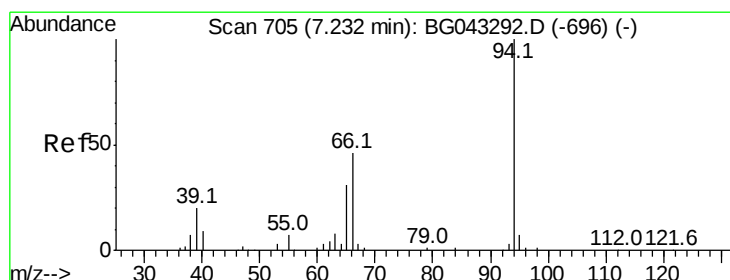
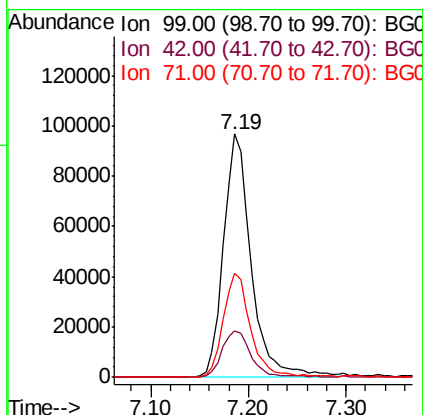
Tot Ion: 99 Resp: 190271

Ion Ratio Lower Upper

99 100

42 19.1 14.6 21.8

71 42.5 32.5 48.7



#10

Phenol

Concen: 4.379 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

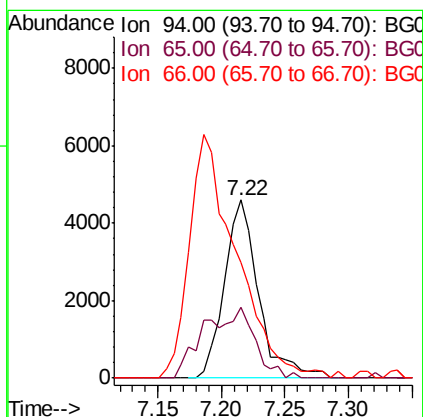
Tgt Ion: 94 Resp: 8554

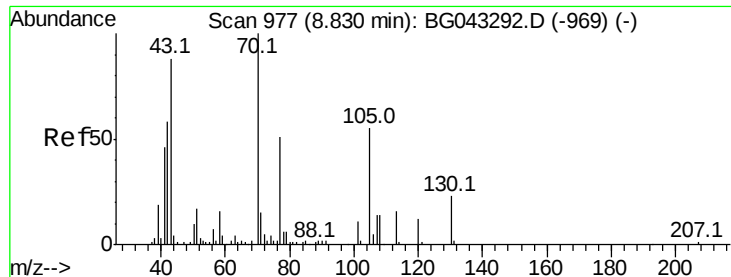
Ion Ratio Lower Upper

94 100

65 40.1 12.6 52.6

66 64.7 30.7 70.7

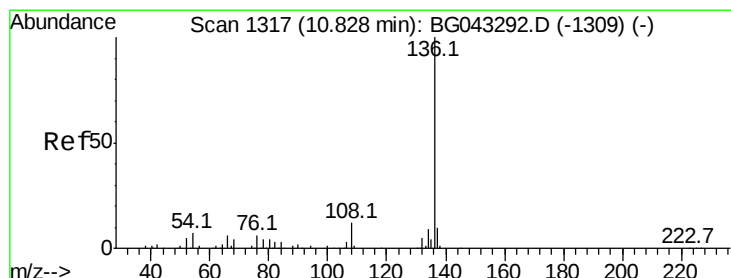
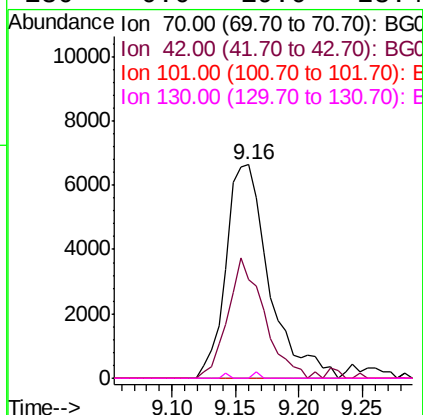
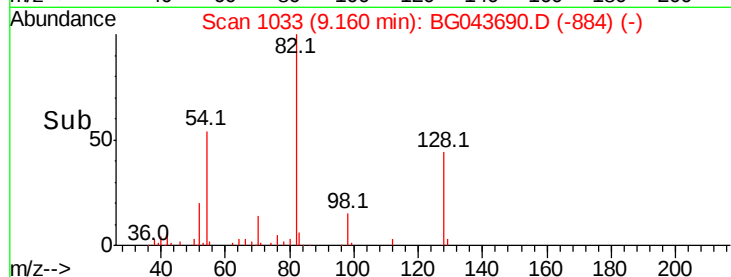
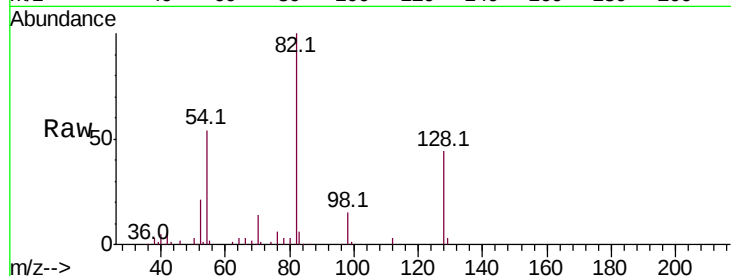




#19
n-Nitroso-di-n-propylamine
Concen: 11.275 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

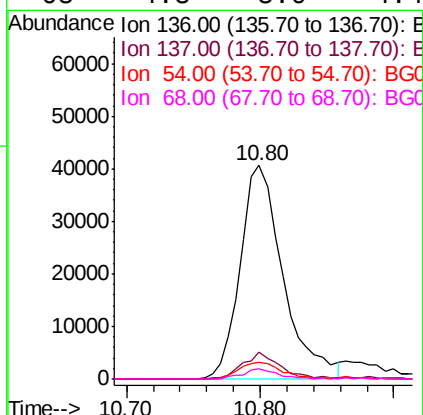
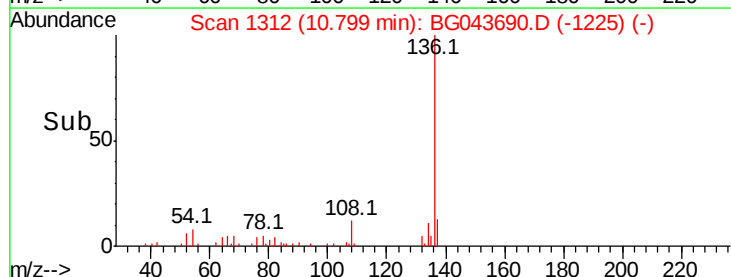
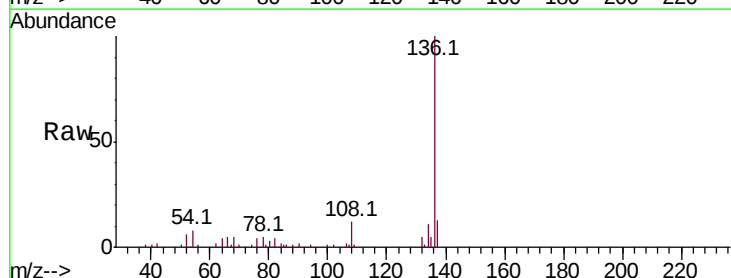
Instrument :
BNA_G
ClientSampleId :

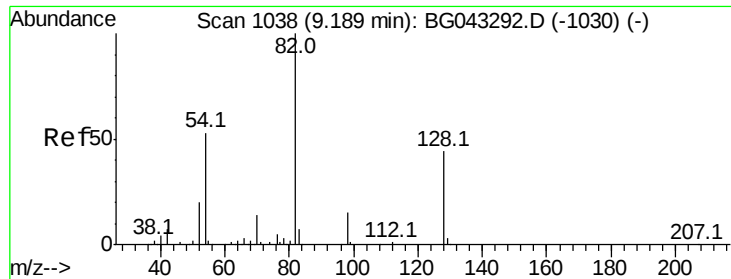
Tot Ion: 70 Resp: 15575
Ion Ratio Lower Upper
70 100
42 46.5 41.4 62.2
101 0.0 7.9 11.9#
130 0.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Tgt Ion:136 Resp: 90467
Ion Ratio Lower Upper
136 100
137 12.8 8.7 13.1
54 8.1 5.4 8.2
68 4.8 3.0 4.4#

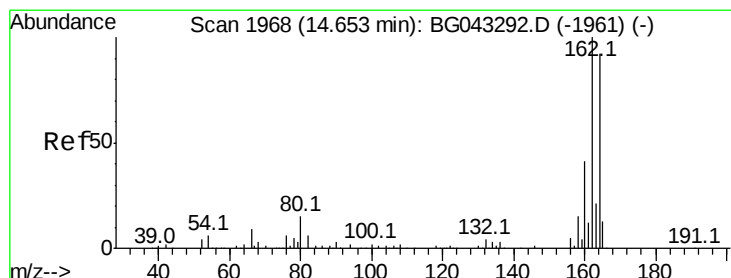
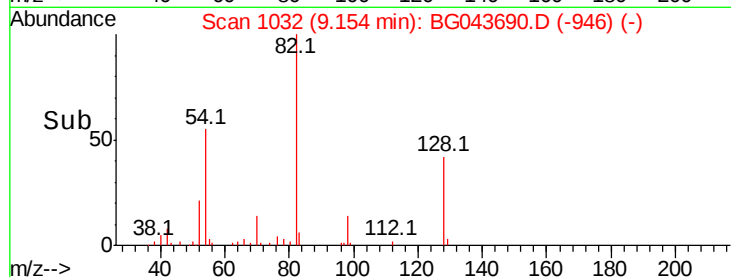
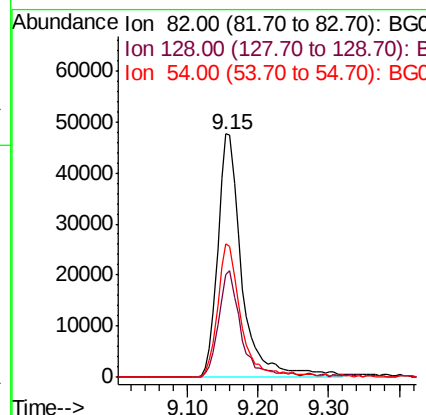
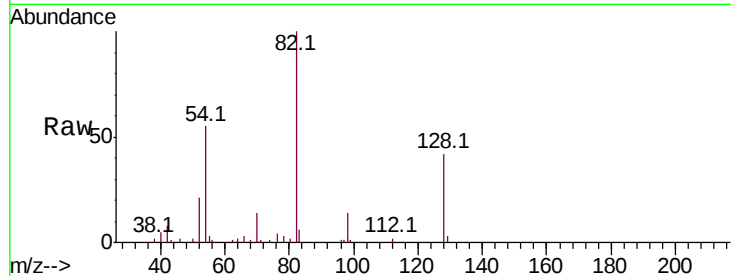




#23
Nitrobenzene-d5
Concen: 64.850 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

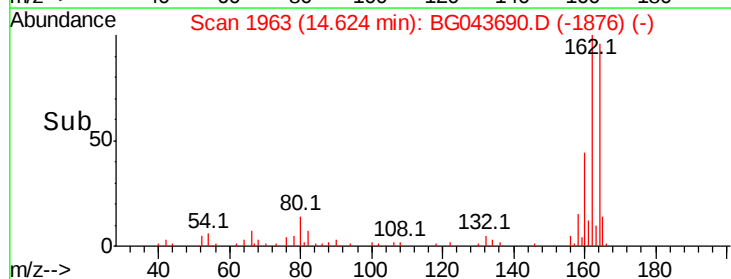
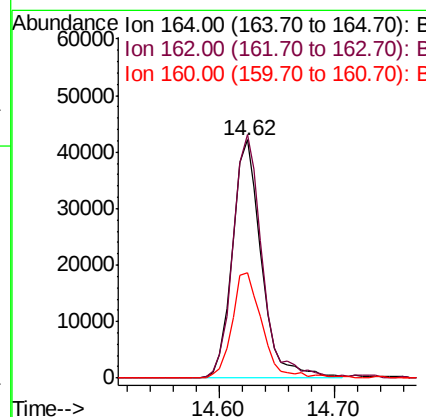
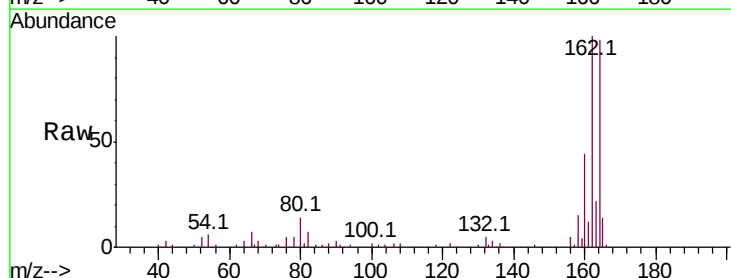
Instrument :
BNA_G
ClientSampleId :

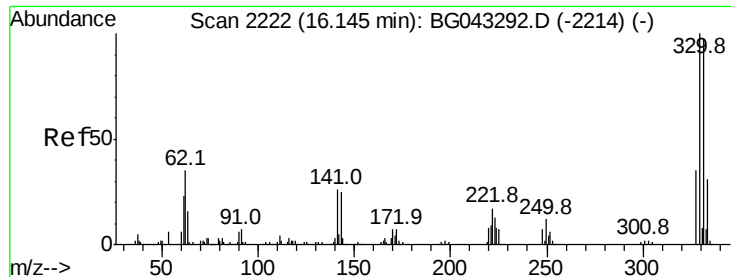
Tot Ion: 82 Resp: 113798
Ion Ratio Lower Upper
82 100
128 42.4 35.0 52.6
54 54.7 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Tgt Ion:164 Resp: 73390
Ion Ratio Lower Upper
164 100
162 102.3 83.5 125.3
160 44.5 36.5 54.7

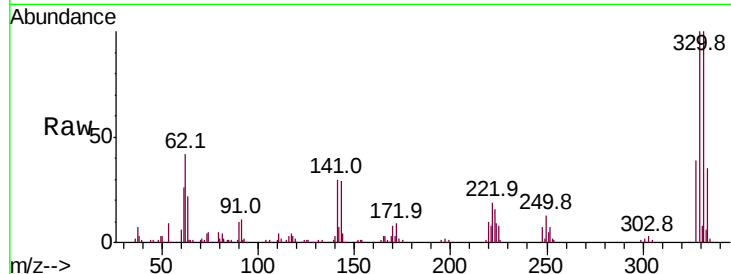




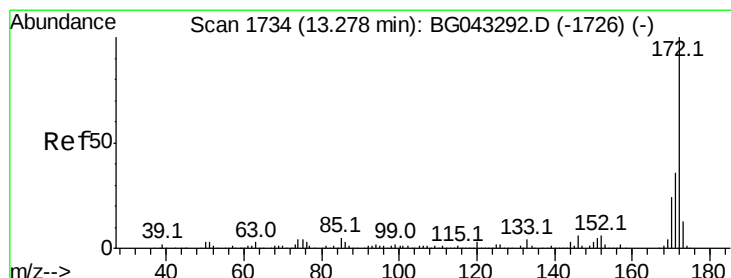
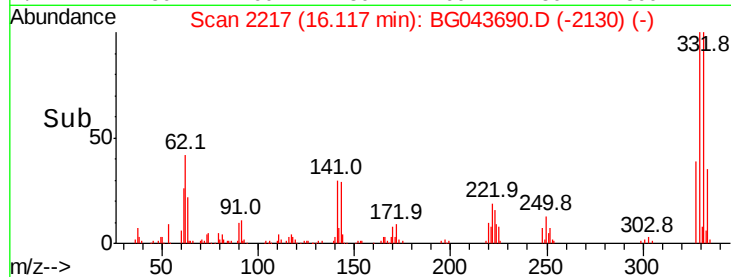
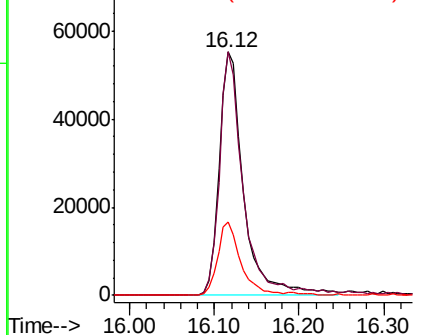
#42
 2,4,6-Tribromophenol
 Concen: 79.527 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG043690.D
 Acq: 19 Nov 2019 2:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.4	116.0
141	28.6	22.8	34.2

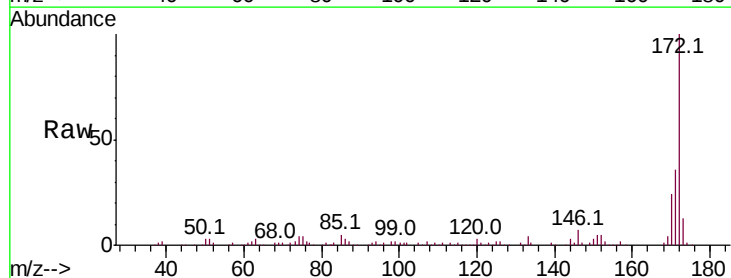


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

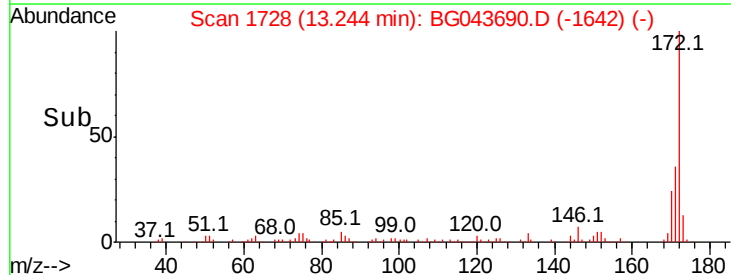
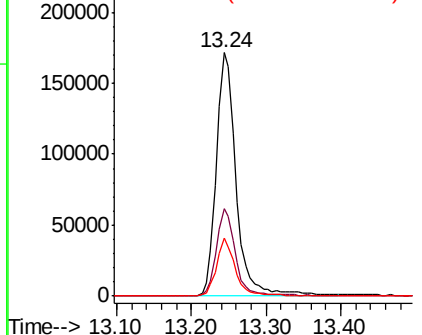


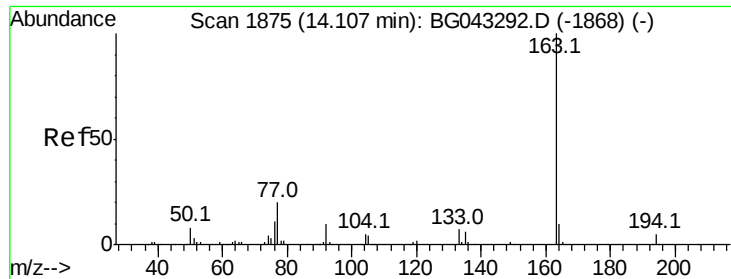
#45
 2-Fluorobiphenyl
 Concen: 59.867 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BG043690.D
 Acq: 19 Nov 2019 2:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.7	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

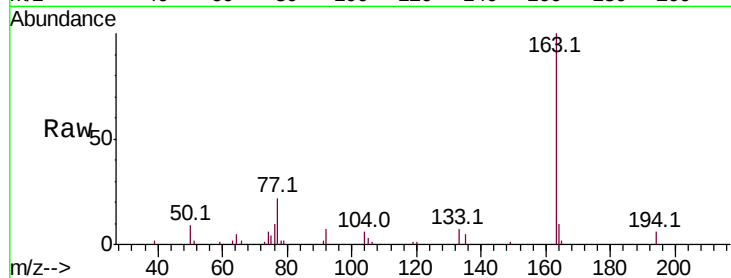




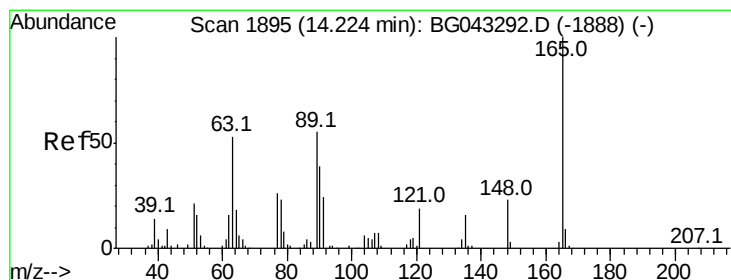
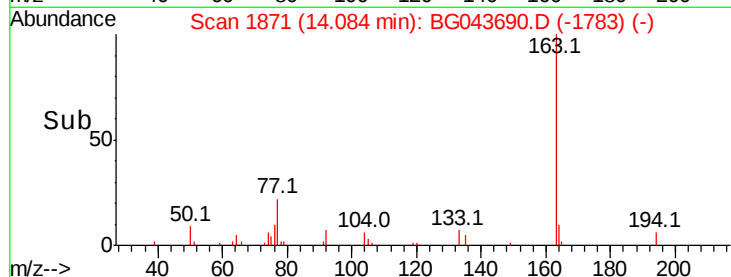
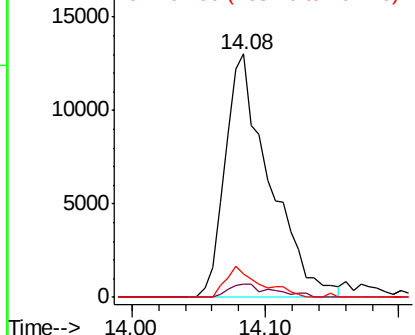
#50
Dimethylphthalate
Concen: 5.309 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 30180
Ion Ratio Lower Upper
163 100
194 5.7 3.8 5.6#
164 9.9 8.9 13.3

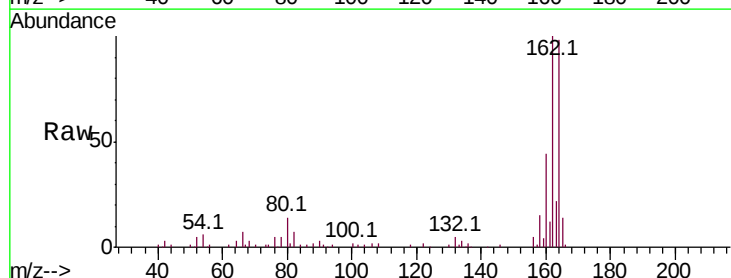


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

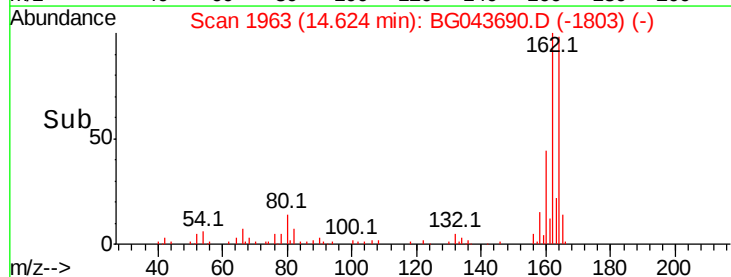
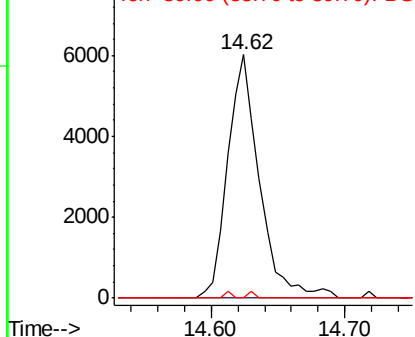


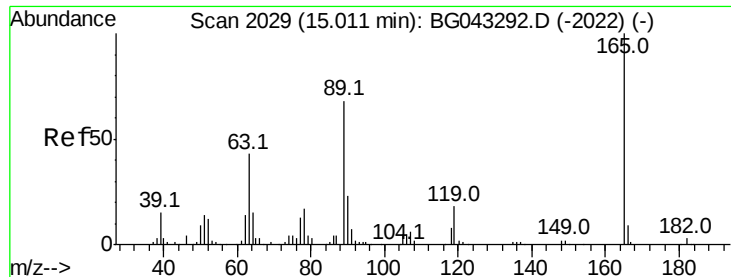
#51
2,6-Dinitrotoluene
Concen: 8.110 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.41 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Tgt Ion:165 Resp: 10015
Ion Ratio Lower Upper
165 100
63 0.0 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): BG
Ion 89.00 (88.70 to 89.70): BG

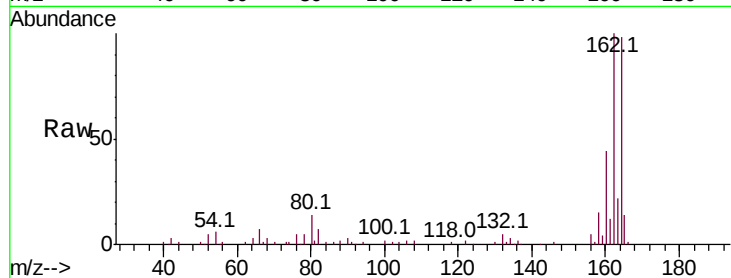




#57
 2,4-Dinitrotoluene
 Concen: 5.675 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043690.D
 Acq: 19 Nov 2019 2:07

Instrument :
 BNA_G
 ClientSampleId :

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

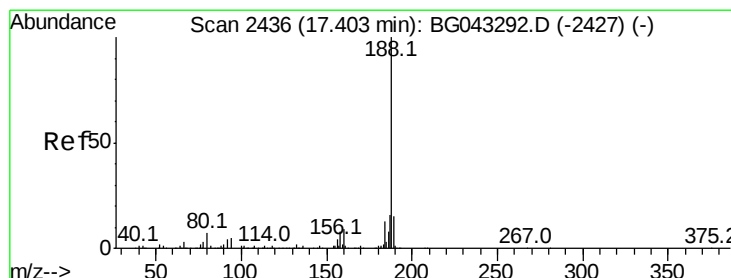
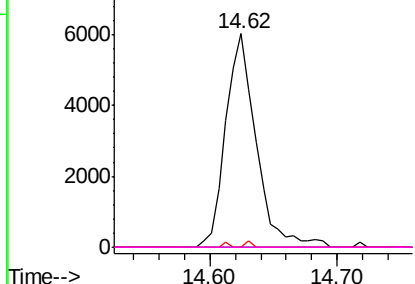
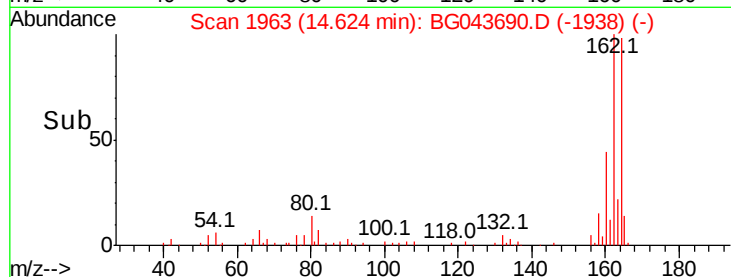


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

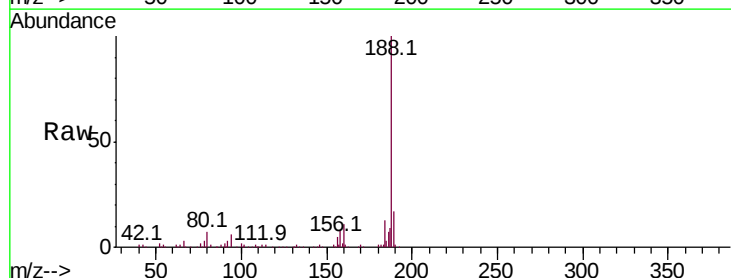
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BG043690.D
 Acq: 19 Nov 2019 2:07

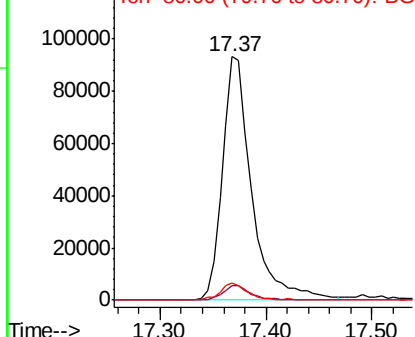
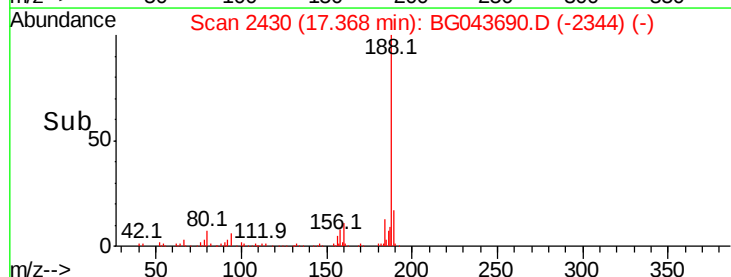
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.4
80	6.8	4.5	6.7#

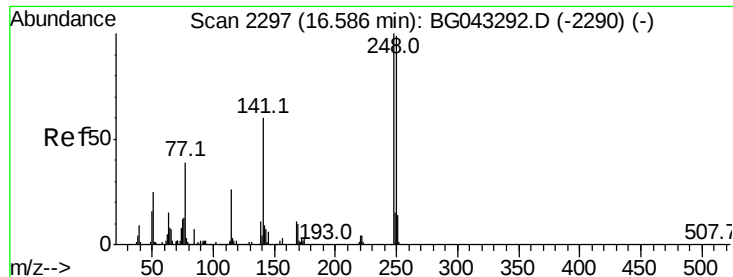


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

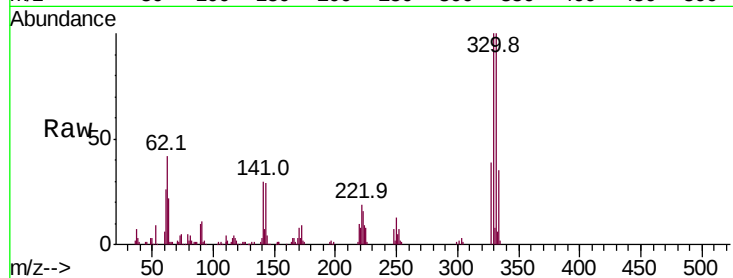




#67
4-Bromophenyl-phenylether
Concen: 3.026 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.46 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	202.0	77.0	115.4#
141	458.3	47.5	71.3#

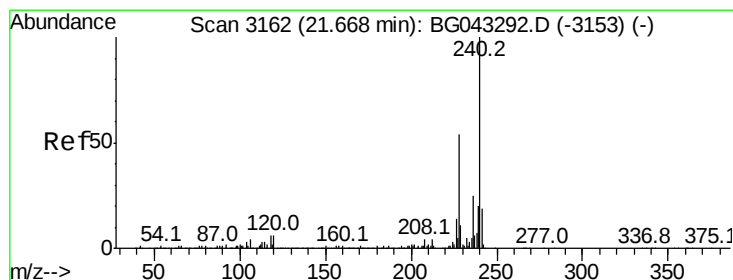
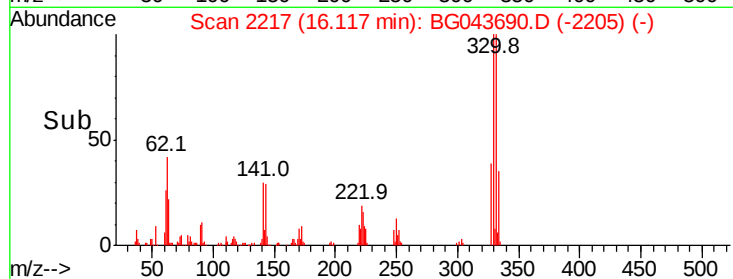
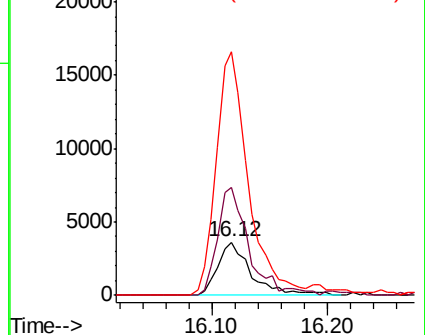


Abundance

Ion 248.00 (247.70 to 248.70): E

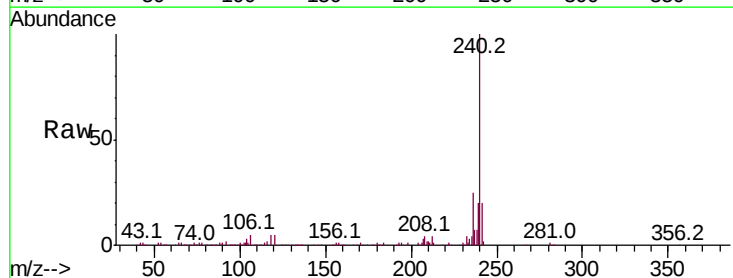
Ion 250.00 (249.70 to 250.70): E

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. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.6	6.8
236	25.2	19.8	29.8

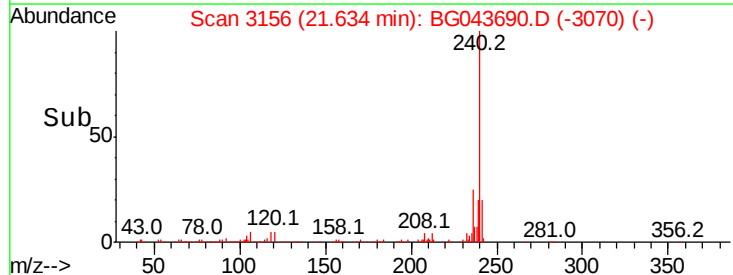
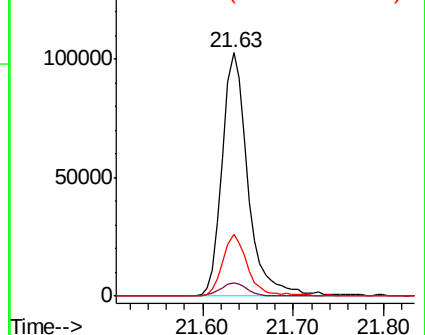


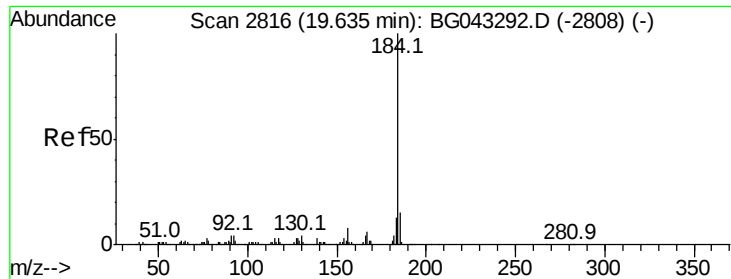
Abundance

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





#77

Benzidine

Concen: 2.432 ng

RT: 19.98 min Scan# 2874

Delta R.T. 0.35 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

Instrument :

BNA_G

ClientSampleId :

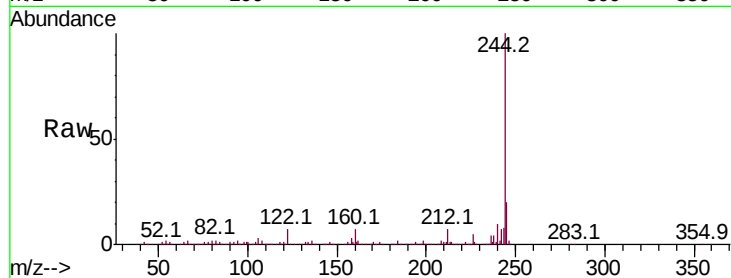
Tot Ion:184 Resp: 9945

Ion Ratio Lower Upper

184 100

185 16.3 11.0 16.4

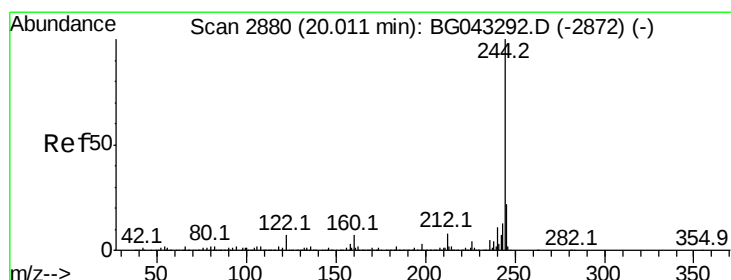
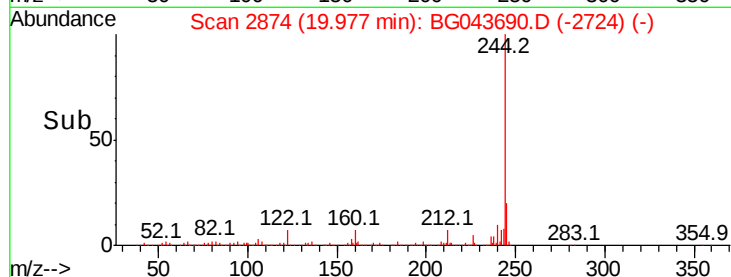
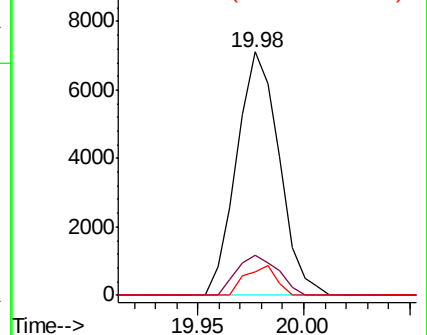
183 9.8 10.0 15.0#



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: 63.228 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.02 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

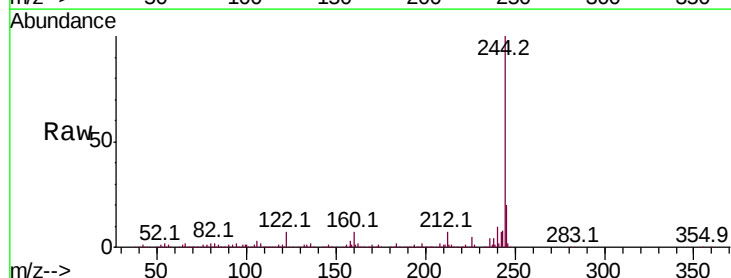
Tgt Ion:244 Resp: 684888

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

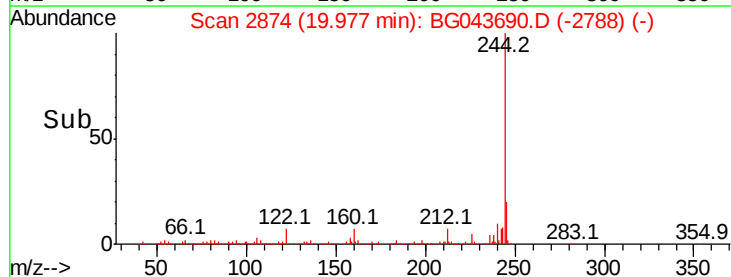
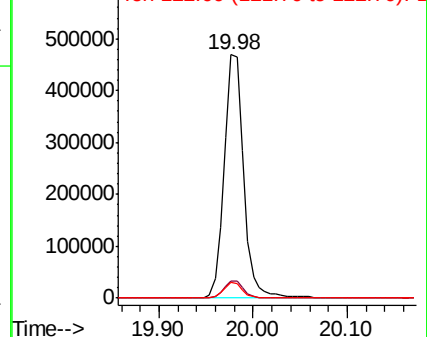
122 6.7 5.4 8.2

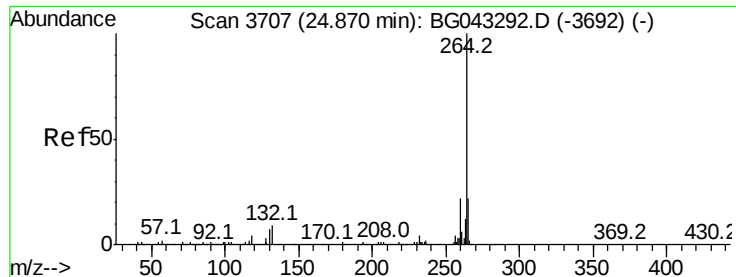


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

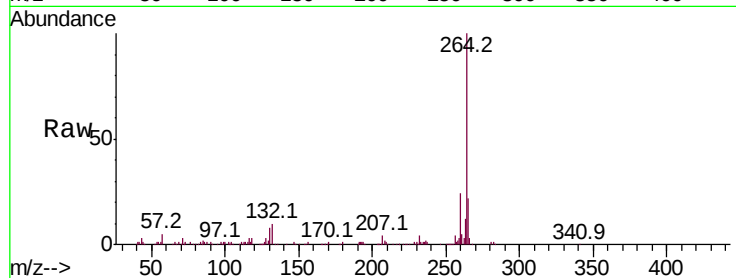




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.04 min
 Lab File: BG043690.D
 Acq: 19 Nov 2019 2:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.5	26.3
265	22.2	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

