

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043641.D
 Acq On : 14 Nov 2019 19:48
 Operator : JU
 Sample : K5832-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(4-6)

Quant Time: Nov 15 01:00:48 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

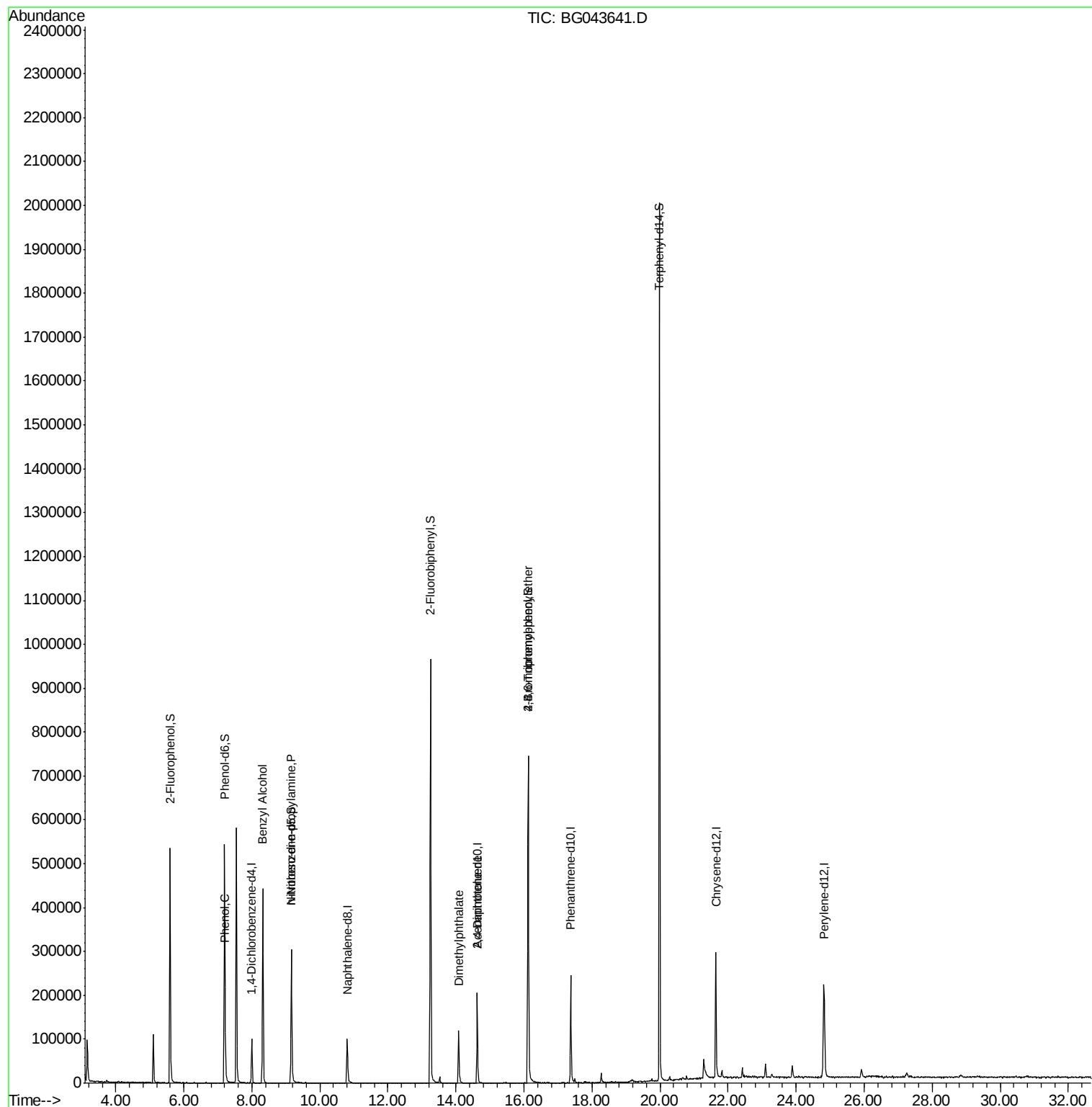
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30345	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	109323	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	78588	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	186614	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	202704	20.00	ng	-0.02
87) Perylene-d12	24.82	264	234948	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	244212	147.47	ng	0.00
7) Phenol-d6	7.20	99	338802	142.20	ng	0.00
23) Nitrobenzene-d5	9.16	82	206679	97.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	196395	131.32	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	559554	98.39	ng	-0.02
79) Terphenyl-d14	19.98	244	1045811	96.79	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	10154	4.664	ng	# 68
15) Benzyl Alcohol	8.31	79	4192	2.505	ng	# 61
19) n-Nitroso-di-n-propylamine	9.16	70	28104	18.254	ng	# 78
50) Dimethylphthalate	14.08	163	95187	15.637	ng	96
57) 2,4-Dinitrotoluene	14.62	165	10521	5.567	ng	# 27
67) 4-Bromophenyl-phenylether	16.12	248	12689	5.053	ng	# 1

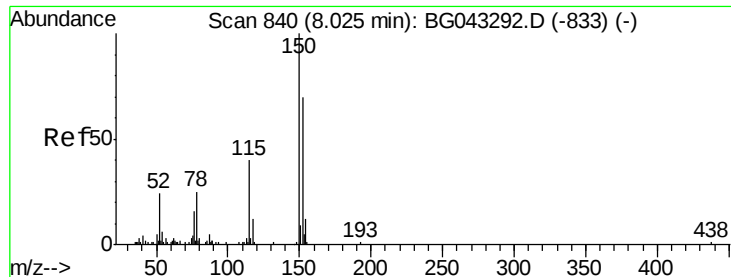
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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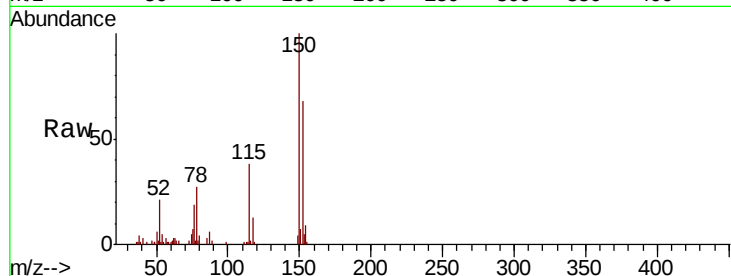


#1

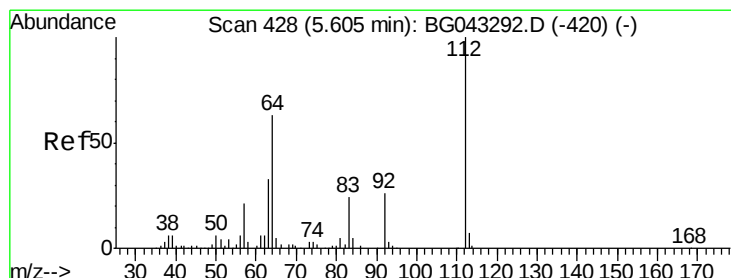
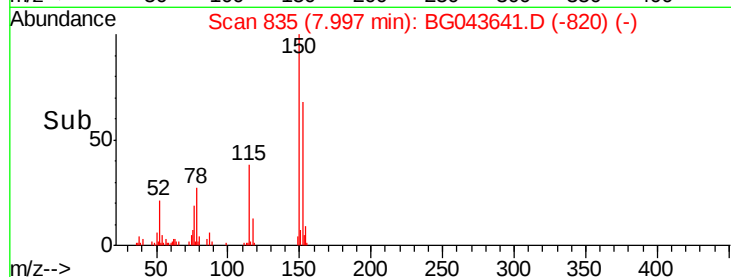
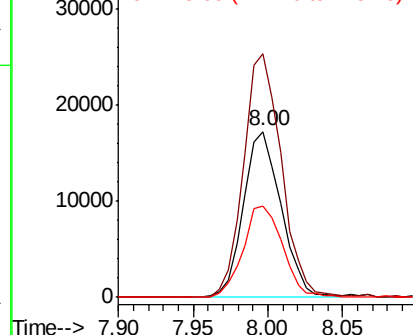
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Instrument :
BNA_G
ClientSampleId :
8-(4-6)

Tot Ion:152 Resp: 30345
Ion Ratio Lower Upper
152 100
150 146.6 129.4 194.0
115 55.1 48.8 73.2



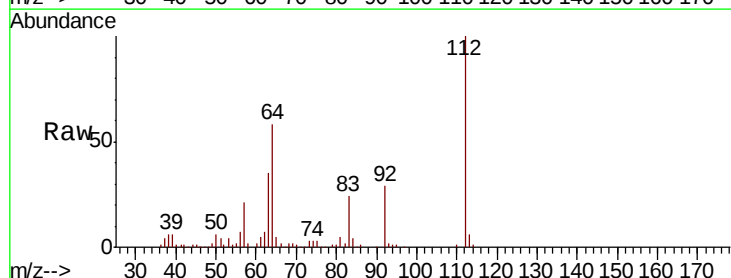
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



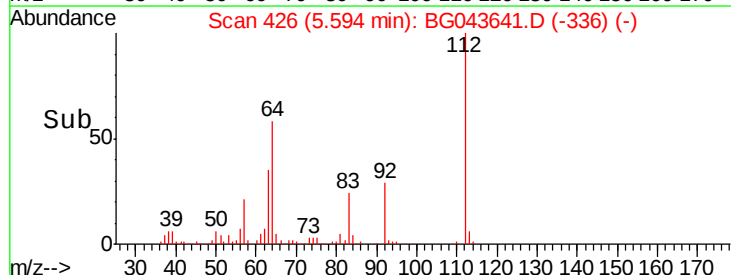
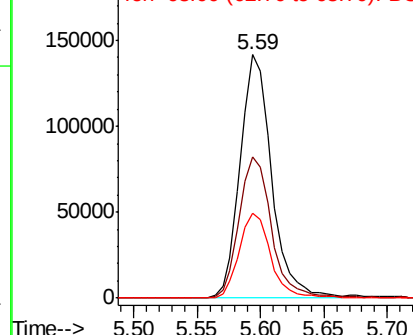
#5

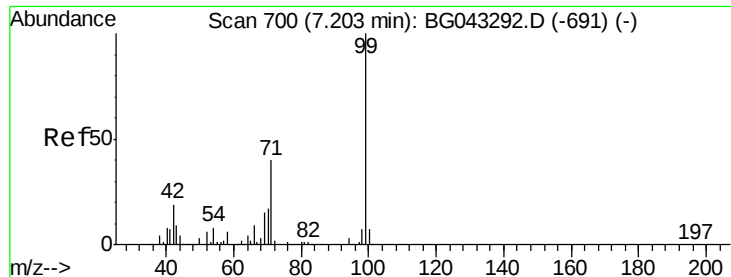
2-Fluorophenol
Concen: 147.473 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Tgt Ion:112 Resp: 244212
Ion Ratio Lower Upper
112 100
64 58.2 50.0 75.0
63 34.6 26.6 40.0



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: 142.200 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

Instrument :

BNA_G

ClientSampleId :

8-(4-6)

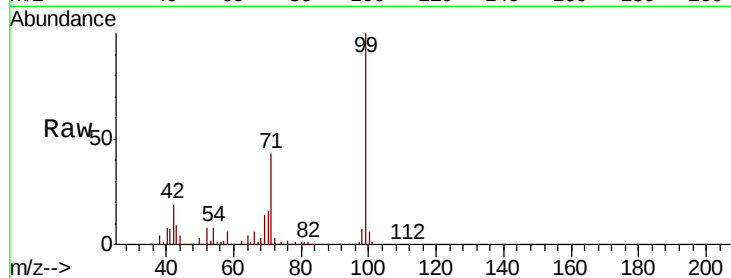
Tot Ion: 99 Resp: 338802

Ion Ratio Lower Upper

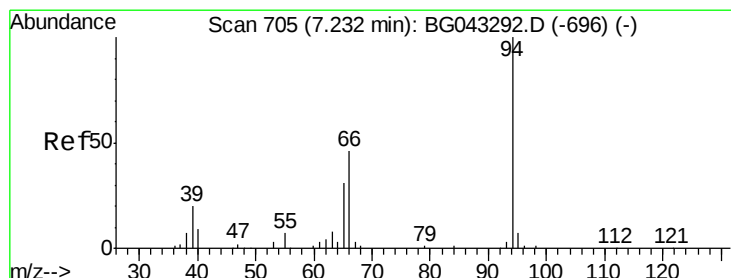
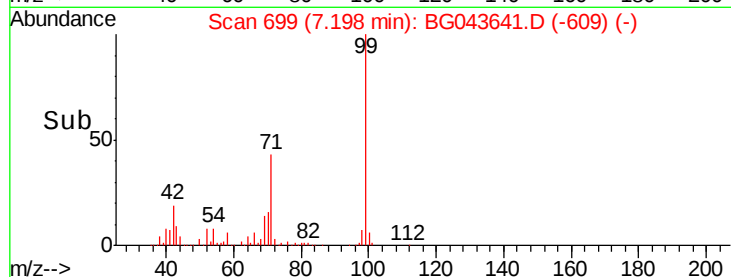
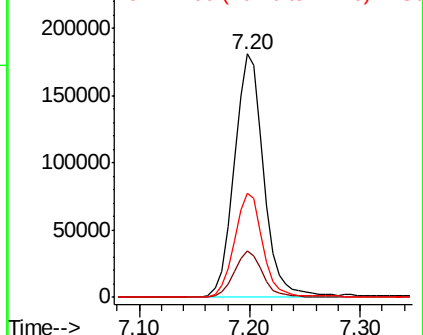
99 100

42 19.3 14.6 21.8

71 43.0 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: 4.664 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

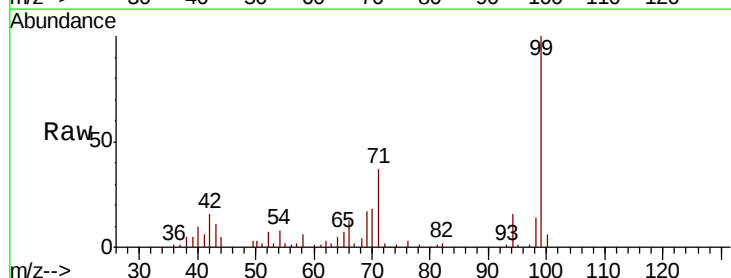
Tgt Ion: 94 Resp: 10154

Ion Ratio Lower Upper

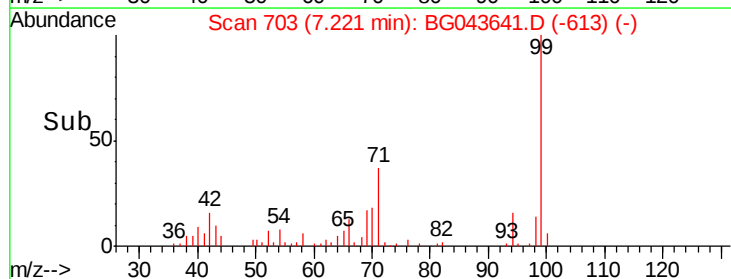
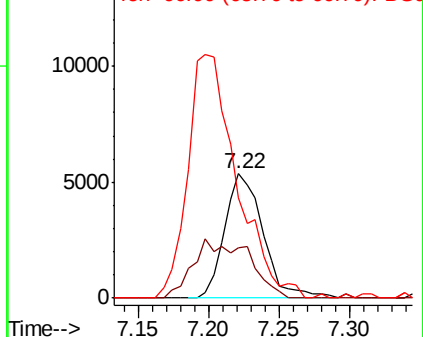
94 100

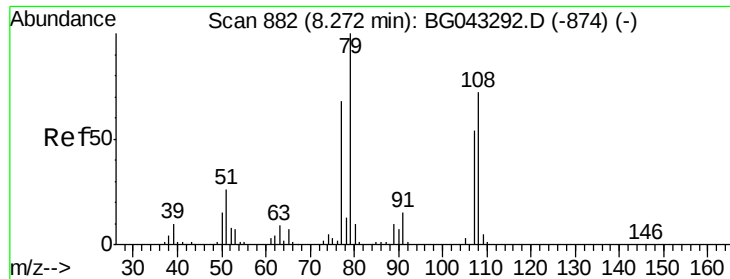
65 40.8 12.6 52.6

66 80.9 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

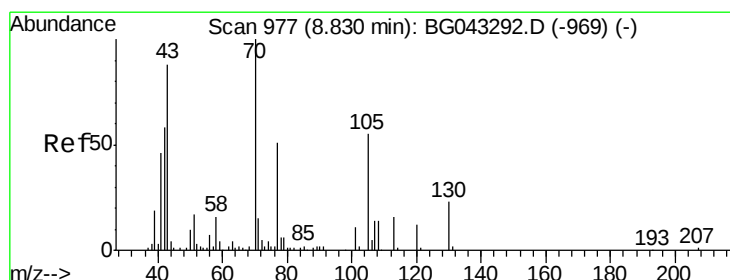
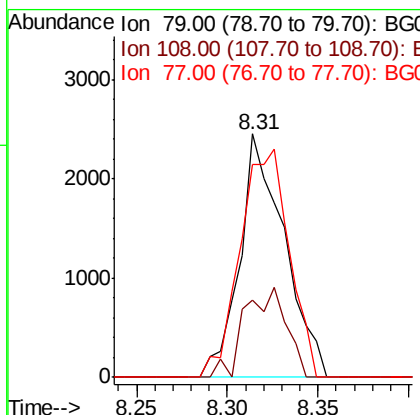
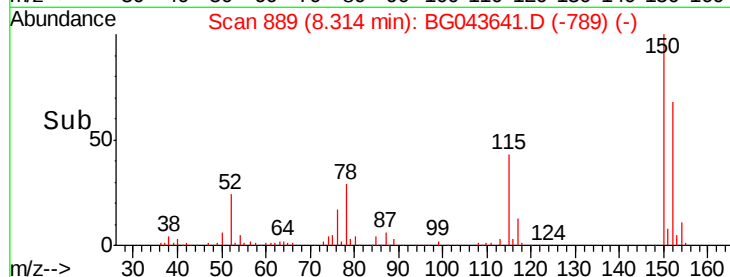
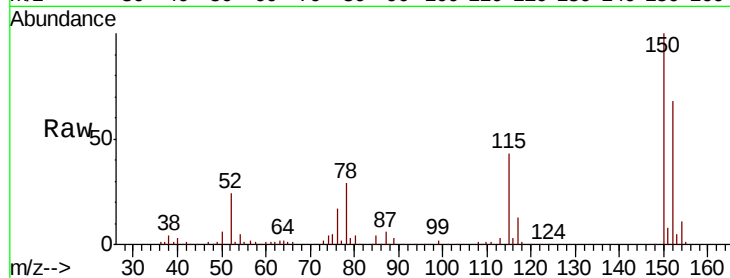




#15
Benzyl Alcohol
Concen: 2.505 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.06 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

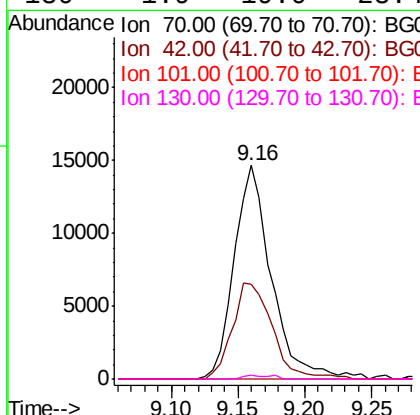
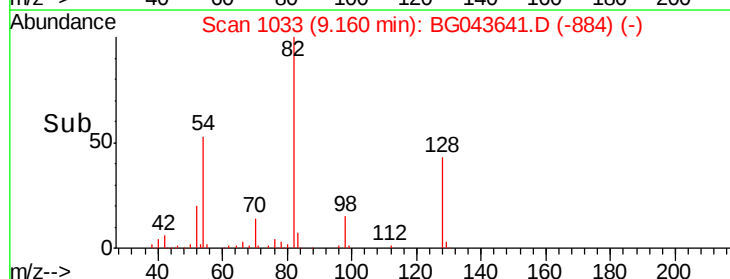
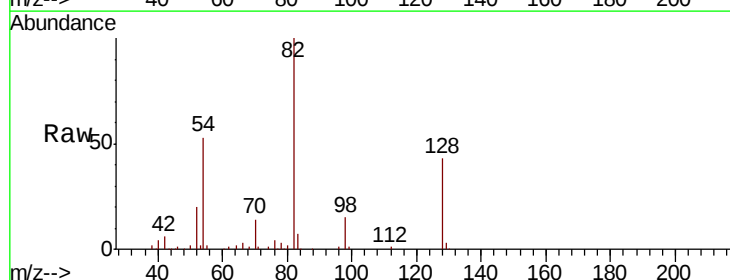
Instrument :
BNA_G
ClientSampleId :
8-(4-6)

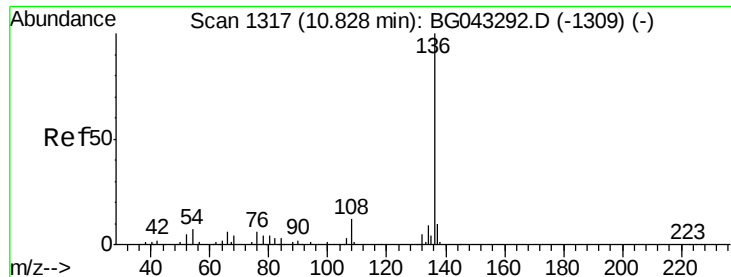
Tot Ion: 79 Resp: 4192
Ion Ratio Lower Upper
79 100
108 31.8 53.6 80.4#
77 87.5 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.254 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Tgt Ion: 70 Resp: 28104
Ion Ratio Lower Upper
70 100
42 44.6 41.4 62.2
101 0.0 7.9 11.9#
130 1.9 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: BG043641.D

Acq: 14 Nov 2019 19:48

Instrument :

BNA_G

ClientSampleId :

8-(4-6)

Tot Ion:136 Resp: 109323

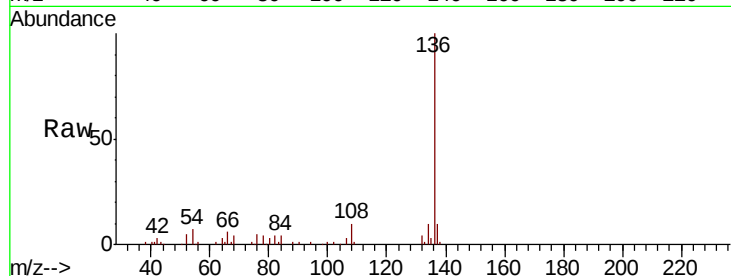
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 7.1 5.4 8.2

68 4.1 3.0 4.4

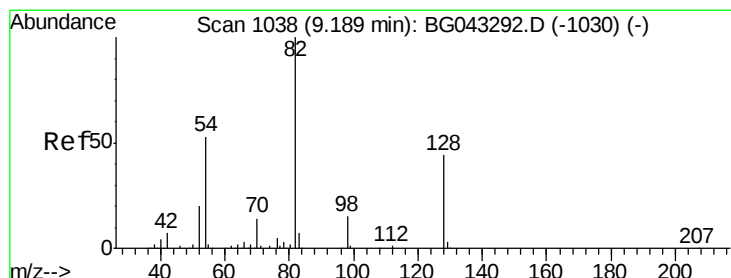
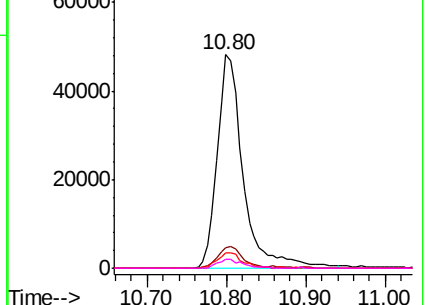
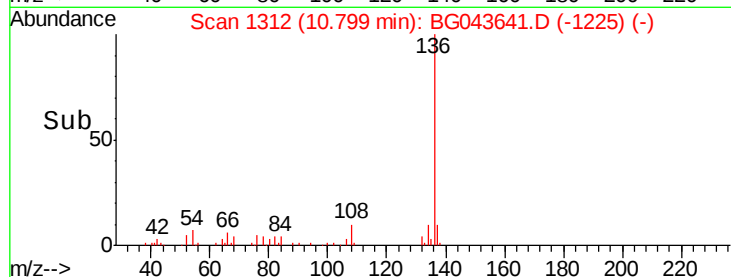


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 97.466 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

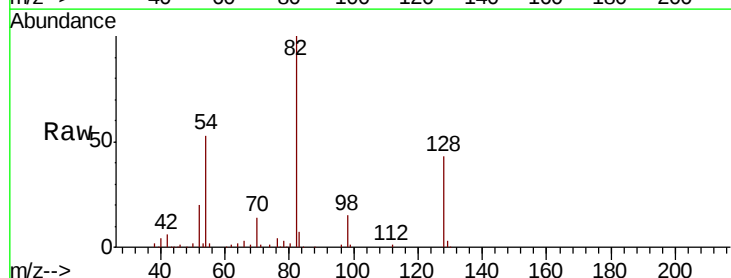
Tgt Ion: 82 Resp: 206679

Ion Ratio Lower Upper

82 100

128 43.4 35.0 52.6

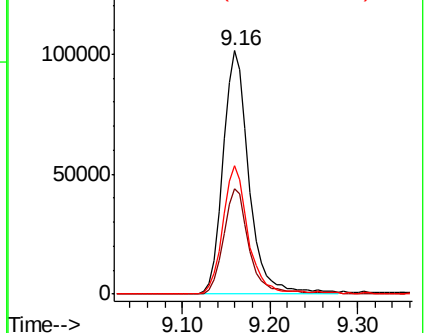
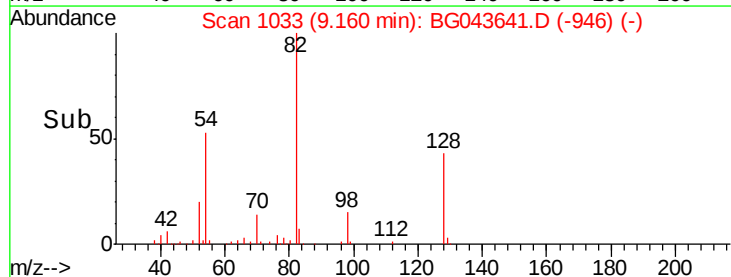
54 52.9 40.2 60.2

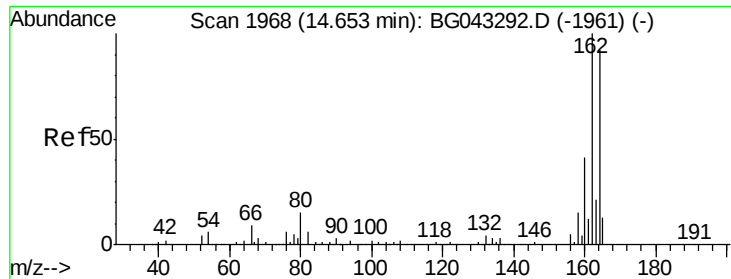


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

Instrument :

BNA_G

ClientSampleId :

8-(4-6)

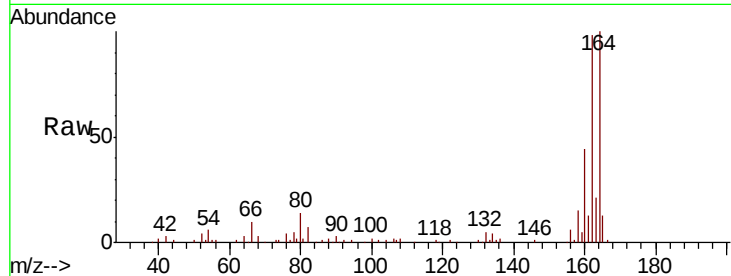
Tot Ion:164 Resp: 78588

Ion Ratio Lower Upper

164 100

162 98.2 83.5 125.3

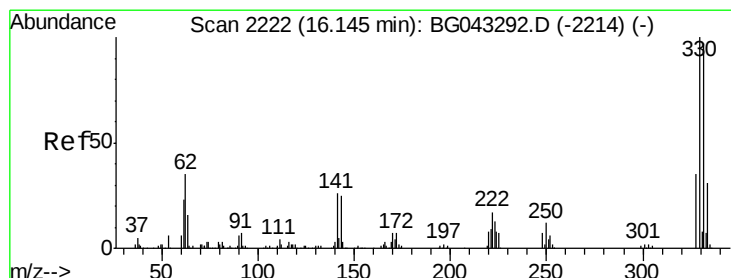
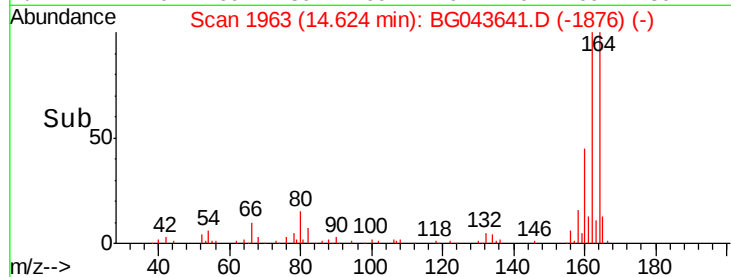
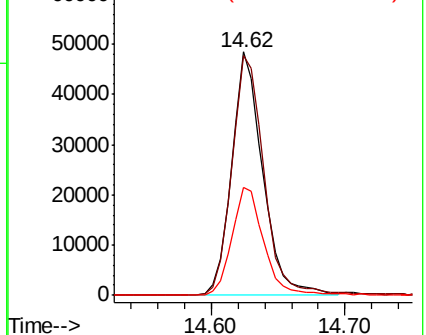
160 44.4 36.5 54.7



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: 131.321 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

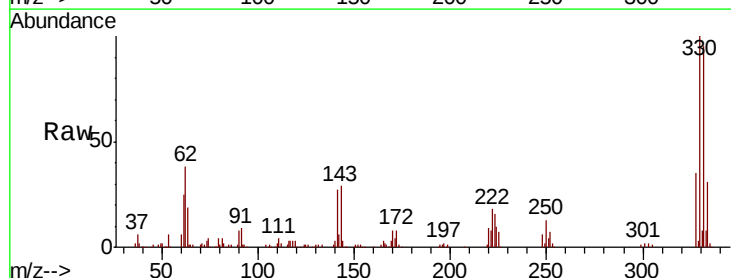
Tgt Ion:330 Resp: 196395

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

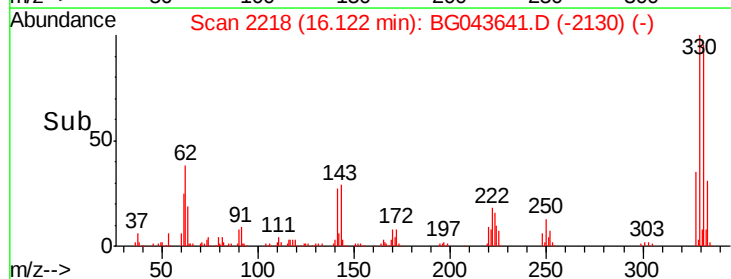
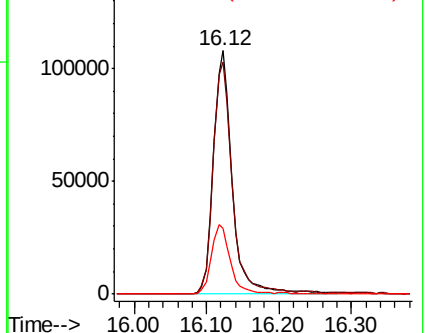
141 28.2 22.8 34.2

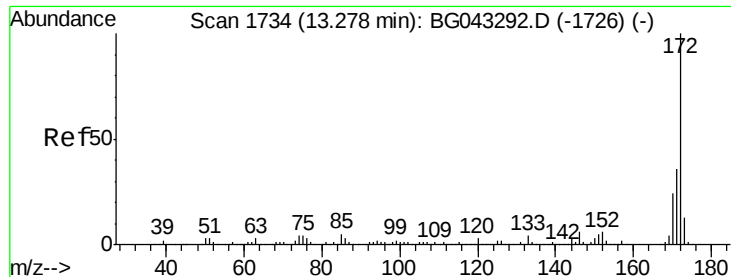


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

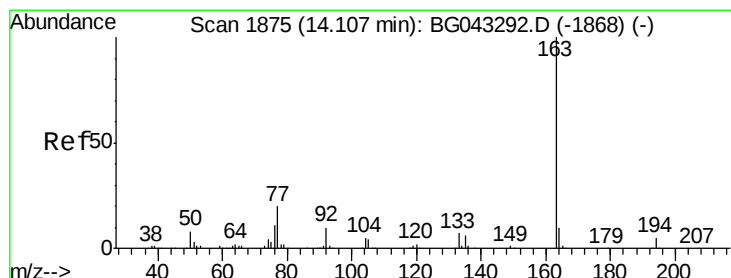
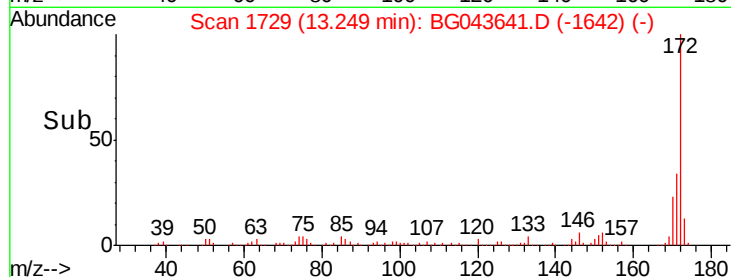
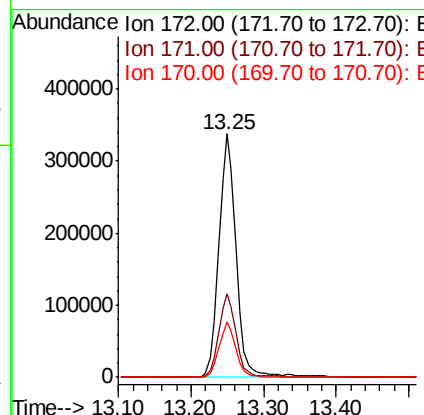
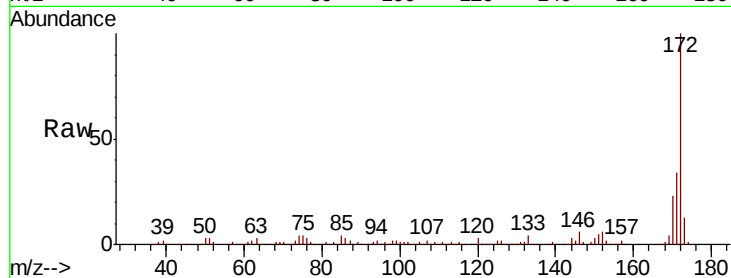




#45
2-Fluorobiphenyl
Concen: 98.386 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

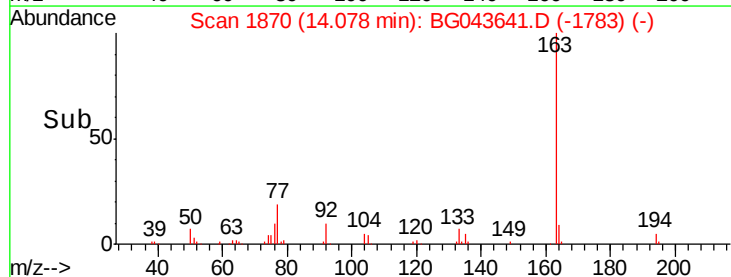
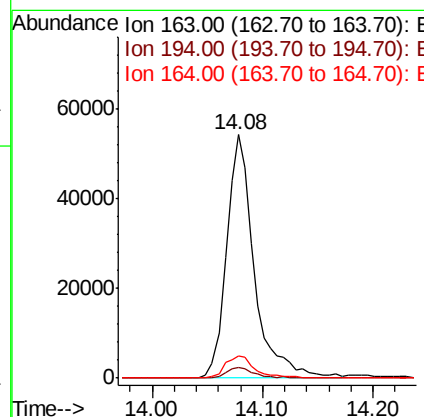
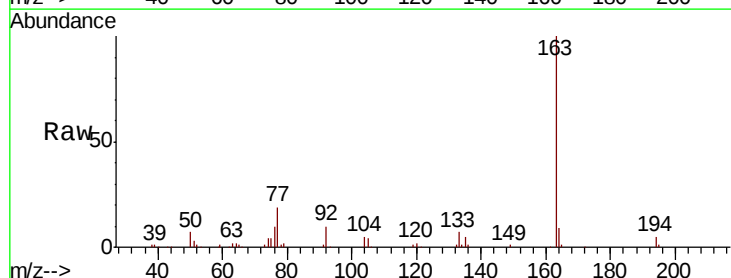
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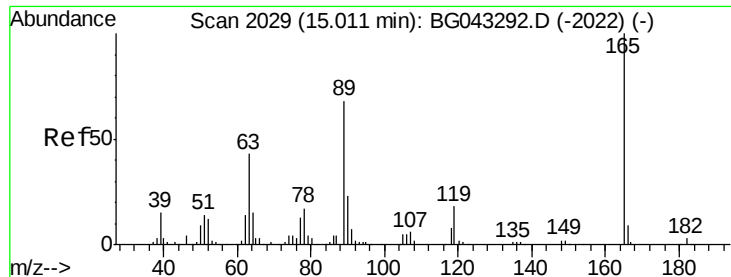
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.9	43.3
170	22.6	18.5	27.7



#50
Dimethylphthalate
Concen: 15.637 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	9.1	8.9	13.3

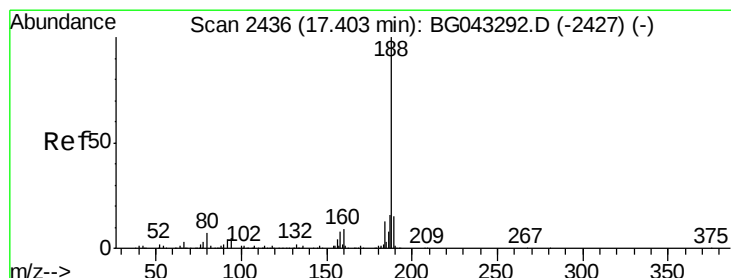
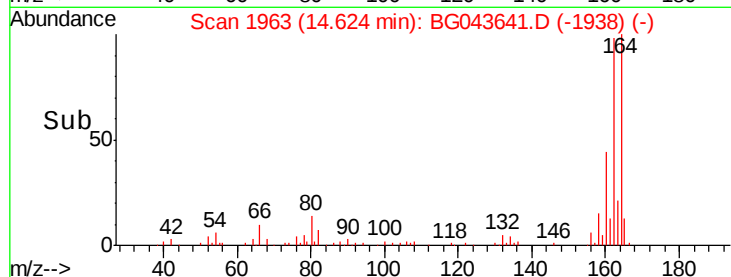
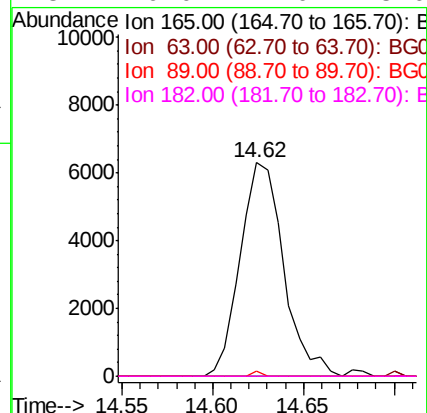
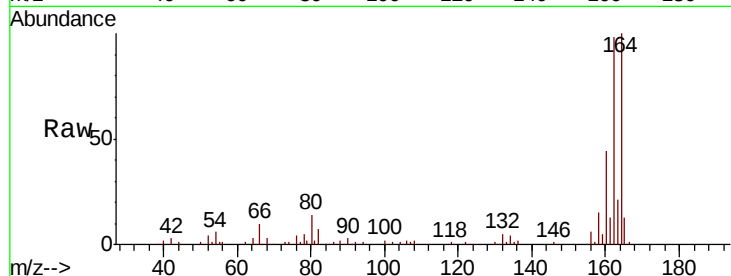




#57
 2,4-Dinitrotoluene
 Concen: 5.567 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043641.D
 Acq: 14 Nov 2019 19:48

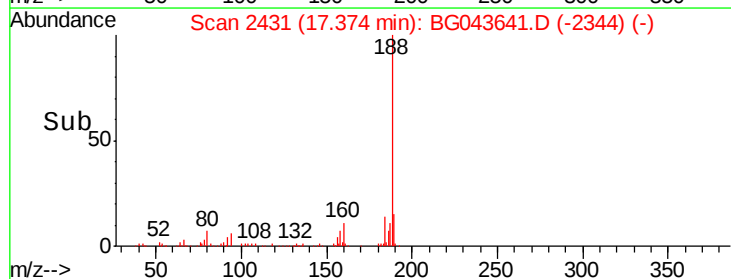
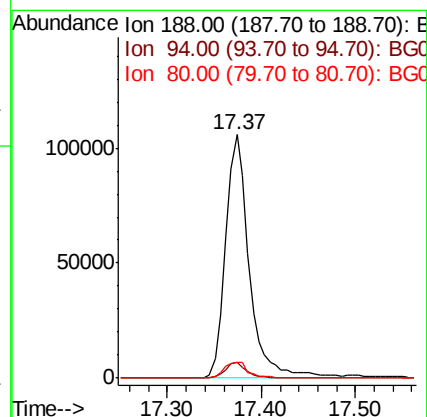
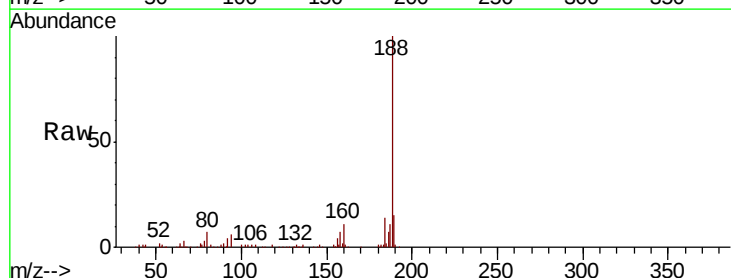
Instrument :
 BNA_G
 ClientSampleId :
 8-(4-6)

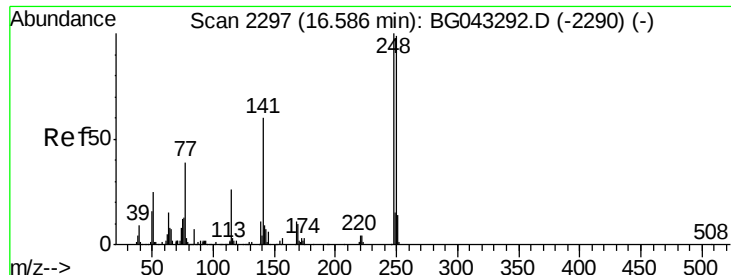
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	2.6	52.2	78.4#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG043641.D
 Acq: 14 Nov 2019 19:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.5	4.5	6.7

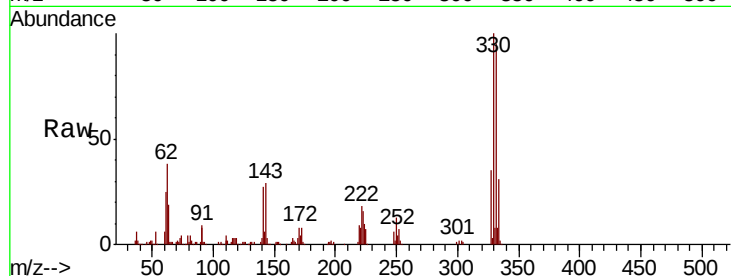




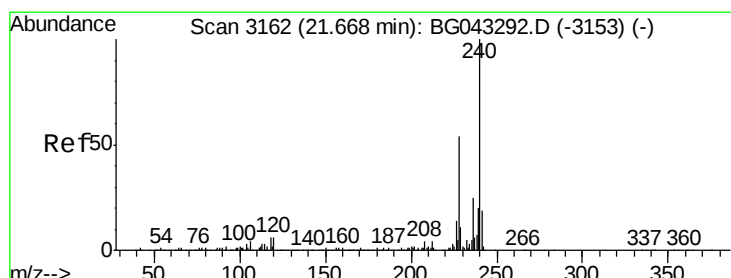
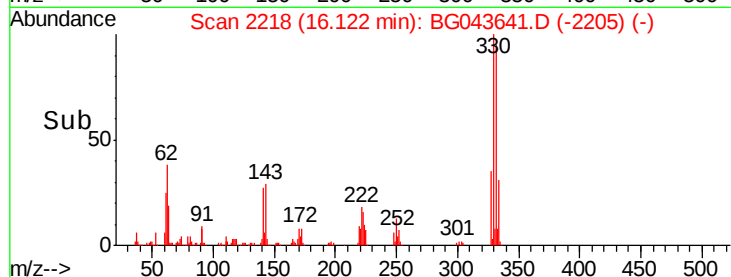
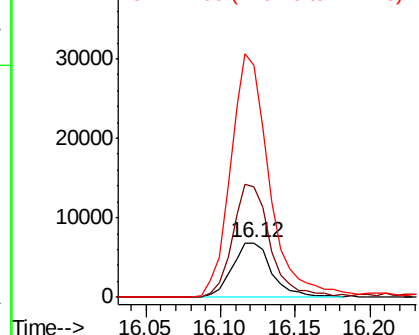
#67
4-Bromophenyl-phenylether
Concen: 5.053 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Instrument :
BNA_G
ClientSampleId :
8-(4-6)

Tot Ion:248 Resp: 12689
Ion Ratio Lower Upper
248 100
250 201.2 77.0 115.4#
141 423.4 47.5 71.3#

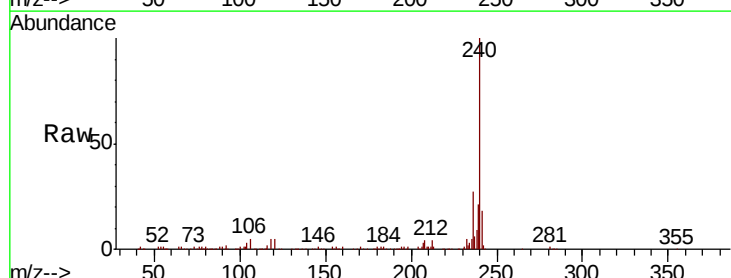


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

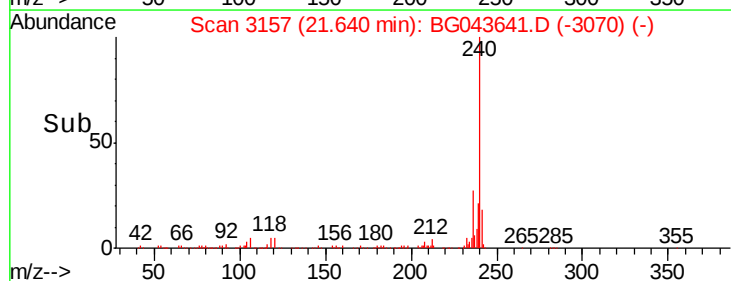
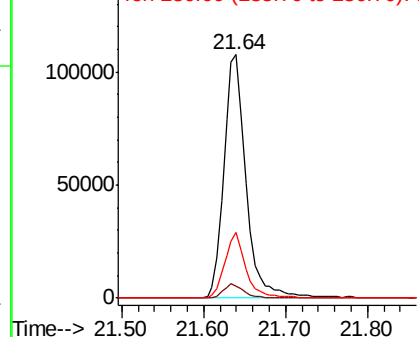


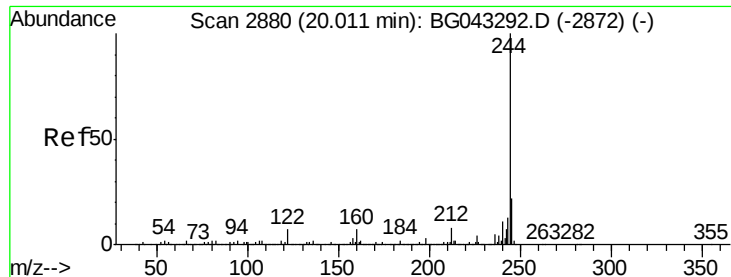
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Tgt Ion:240 Resp: 202704
Ion Ratio Lower Upper
240 100
120 5.0 4.6 6.8
236 26.9 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: 96.791 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

Instrument :

BNA_G

ClientSampleId :

8-(4-6)

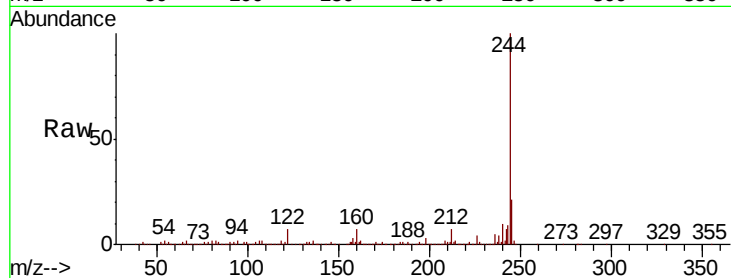
Tot Ion:244 Resp: 1045811

Ion Ratio Lower Upper

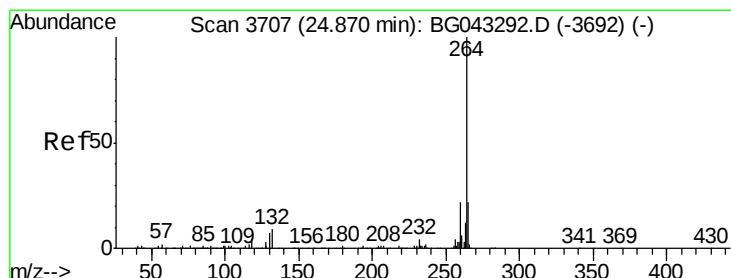
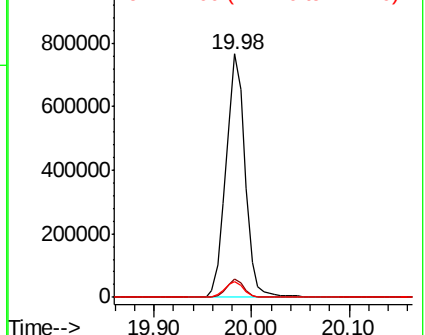
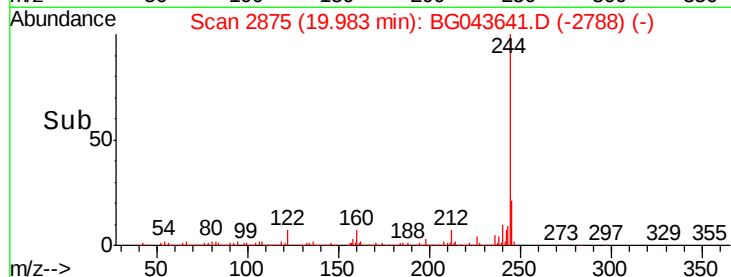
244 100

212 7.4 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

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

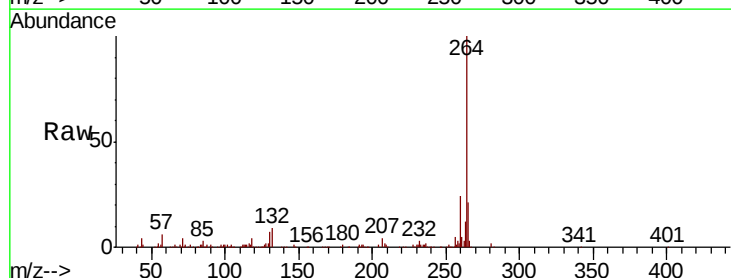
Tgt Ion:264 Resp: 234948

Ion Ratio Lower Upper

264 100

260 24.3 17.5 26.3

265 20.7 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

