

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042960.D
 Acq On : 1 Oct 2019 3:13
 Operator : JU
 Sample : K5054-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:13:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

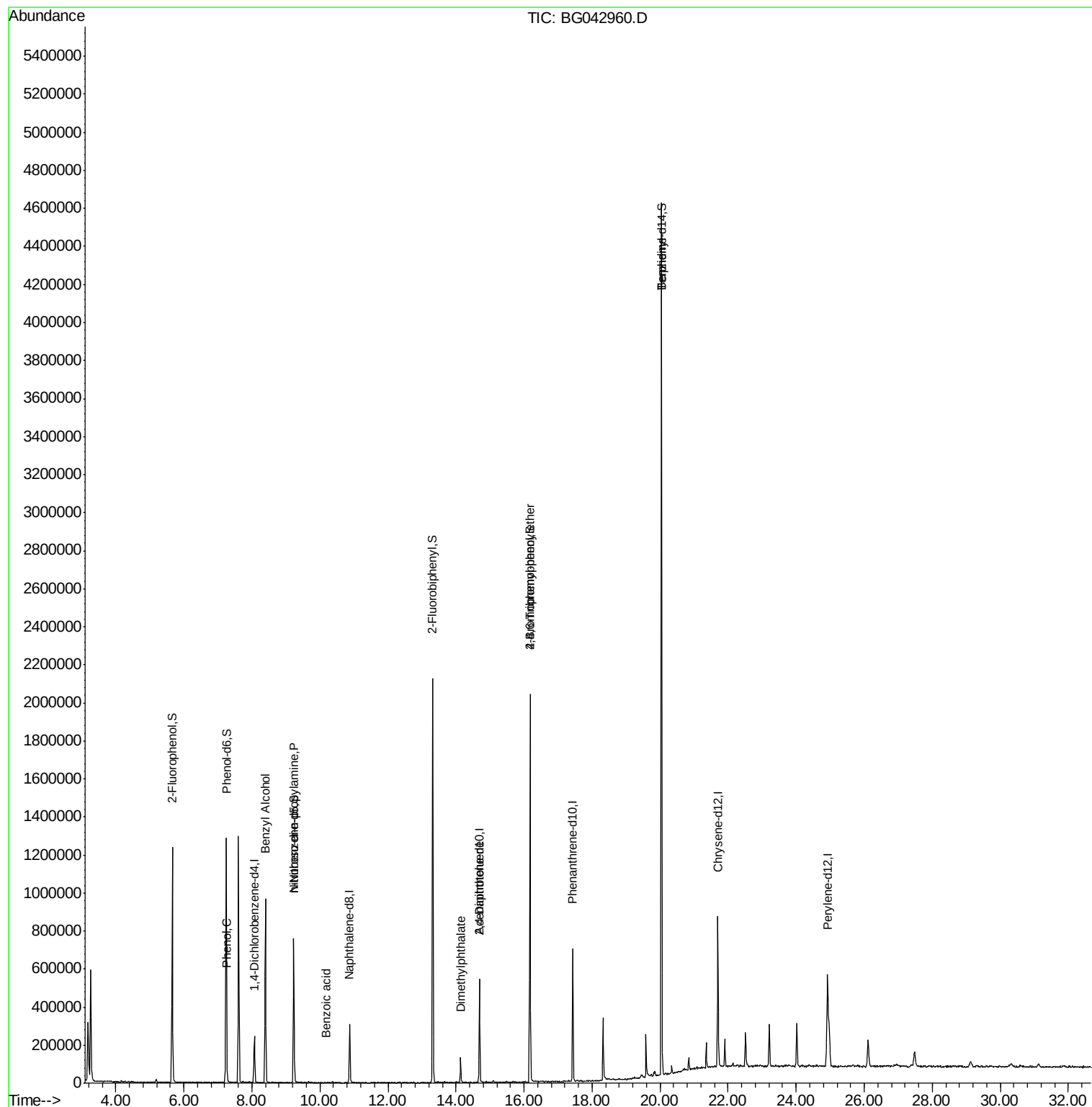
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69255	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	257869	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	181096	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	433540	20.00	ng	0.00
76) Chrysene-d12	21.70	240	484692	20.00	ng	-0.02
87) Perylene-d12	24.92	264	546897	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	513689	132.37	ng	0.00
7) Phenol-d6	7.24	99	723396	129.45	ng	0.00
23) Nitrobenzene-d5	9.23	82	465580	87.76	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	429989	138.08	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1148803	91.96	ng	-0.01
79) Terphenyl-d14	20.04	244	2137227	93.96	ng	0.00
Target Compounds						
10) Phenol	7.27	94	11030	2.151	ng	83
15) Benzyl Alcohol	8.40	79	8604	2.048	ng	# 73
19) n-Nitroso-di-n-propylamine	9.23	70	65953	17.973	ng	# 73
32) Benzoic acid	10.19	122	58	2.823	ng	# 1
50) Dimethylphthalate	14.14	163	90323	6.657	ng	99
57) 2,4-Dinitrotoluene	14.69	165	25486	6.023	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	29070	5.342	ng	# 1
77) Benzidine	20.04	184	37347	3.077	ng	# 93

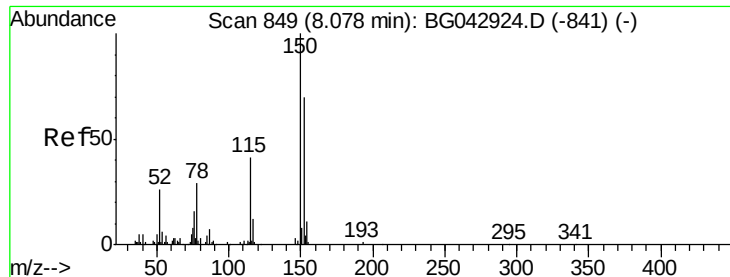
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042960.D
Acq On : 1 Oct 2019 3:13
Operator : JU
Sample : K5054-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 01 07:13:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



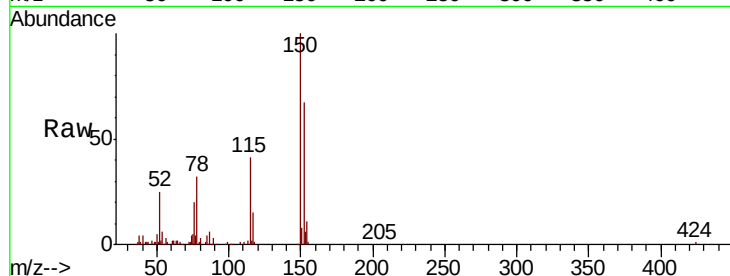


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	115.0	172.4
115	60.6	47.0	70.6

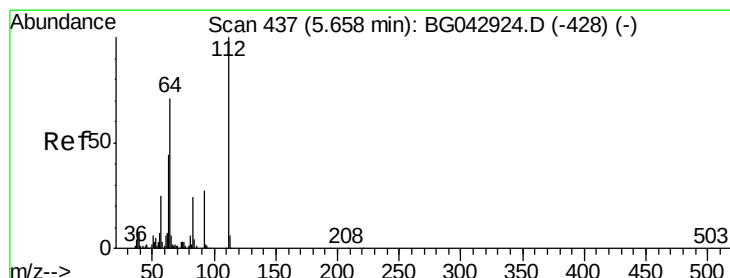
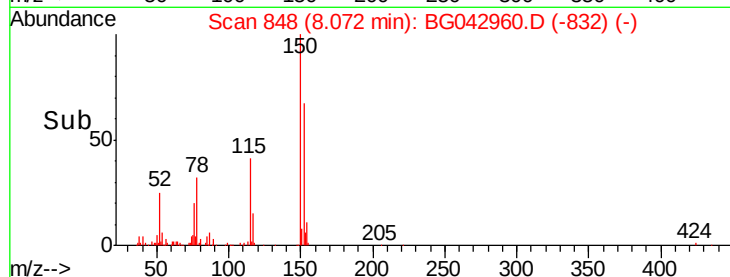
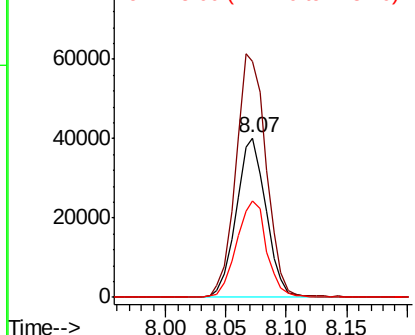


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

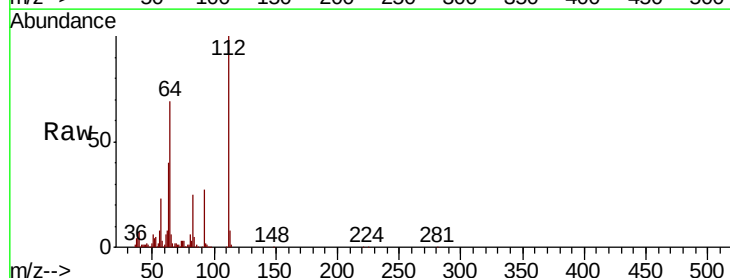
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.372 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.6	84.8
63	39.6	35.1	52.7

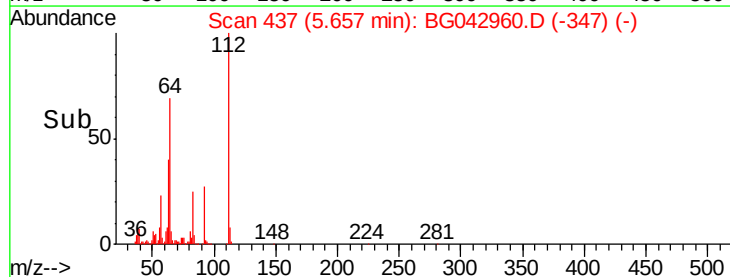
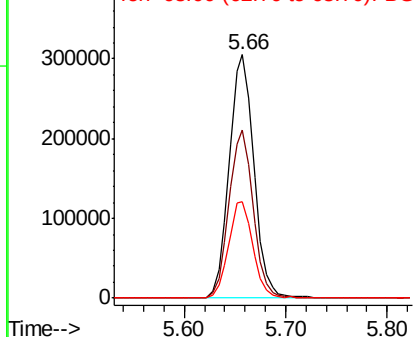


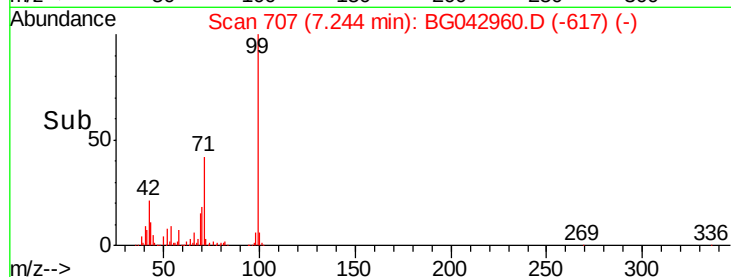
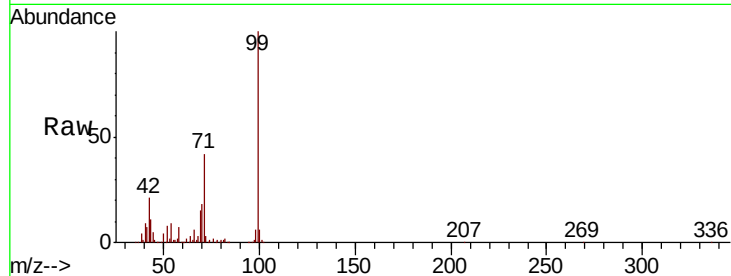
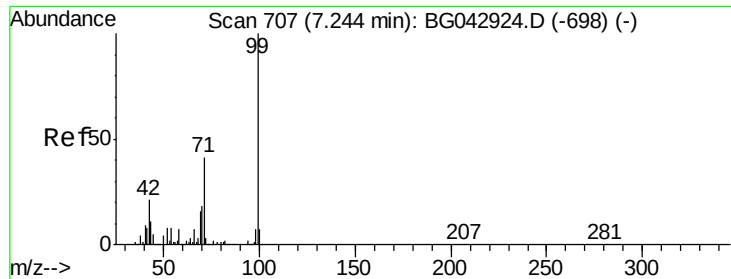
Abundance

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: 129.447 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

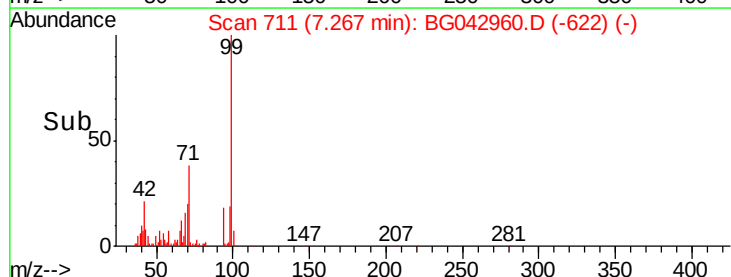
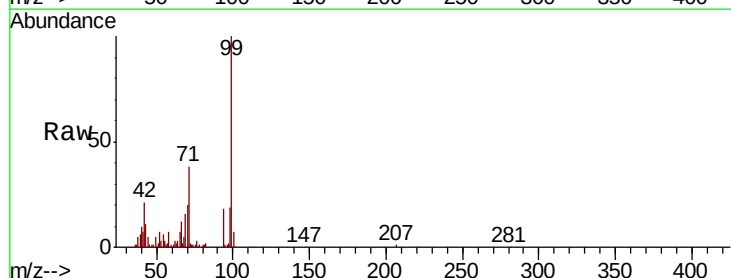
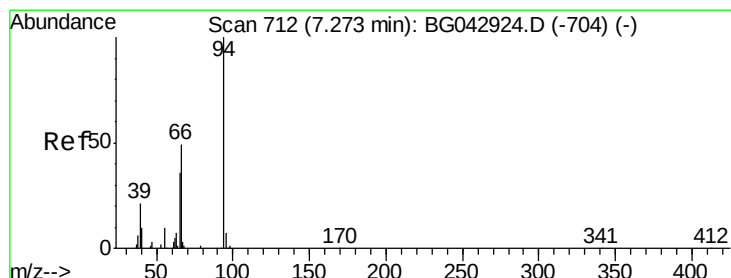
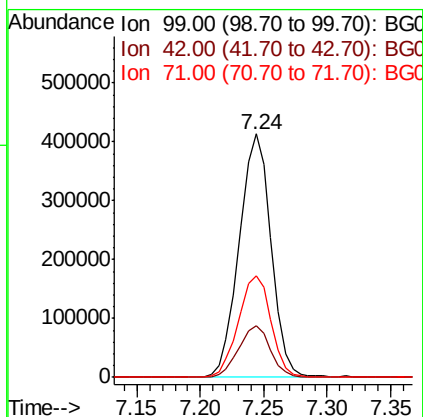
Tot Ion: 99 Resp: 723396

Ion Ratio Lower Upper

99 100

42 21.4 17.2 25.8

71 41.7 33.1 49.7



#10

Phenol

Concen: 2.151 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

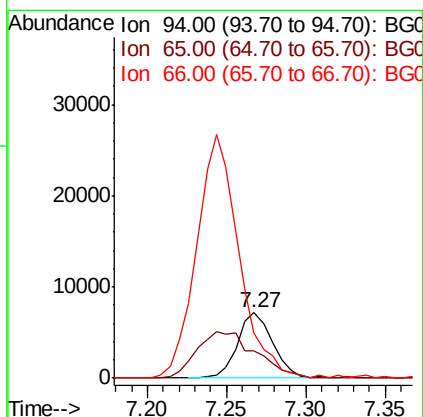
Tgt Ion: 94 Resp: 11030

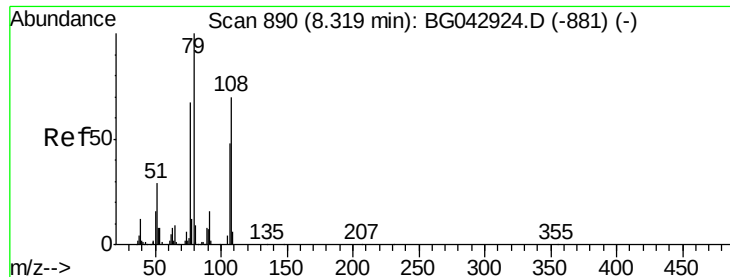
Ion Ratio Lower Upper

94 100

65 42.0 16.6 56.6

66 68.4 32.4 72.4

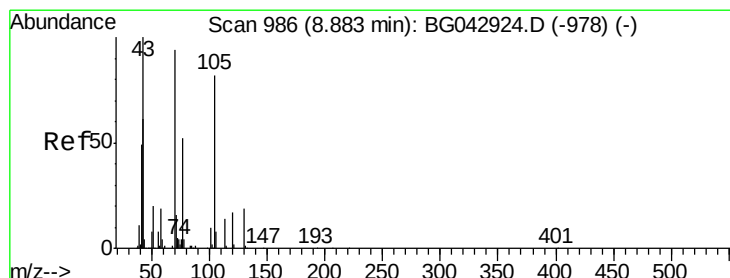
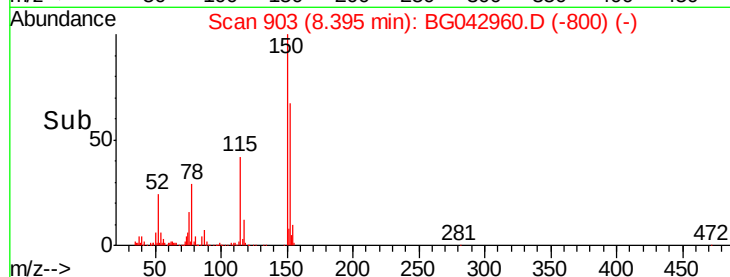
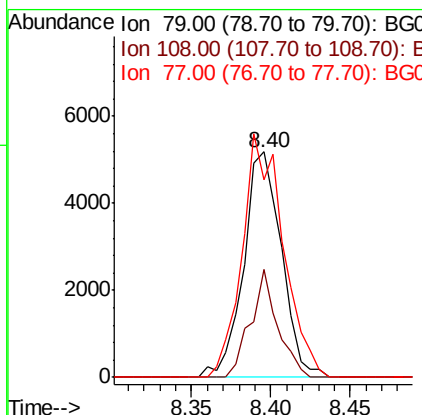
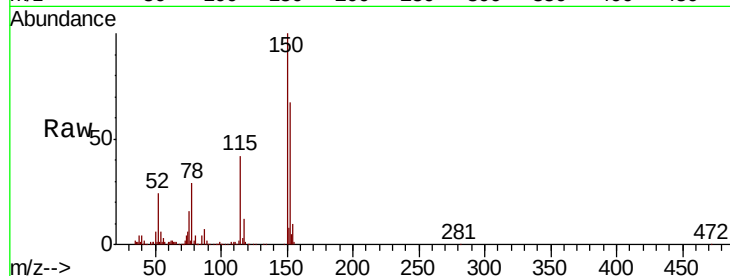




#15
Benzyl Alcohol
Concen: 2.048 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.08 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

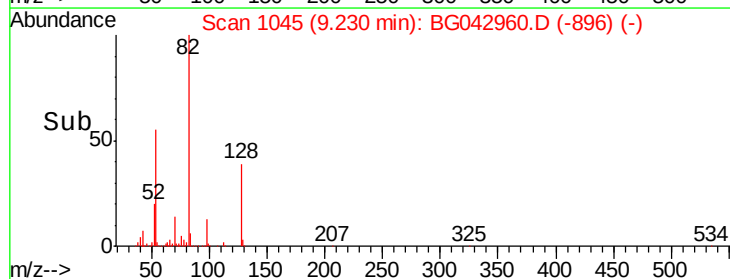
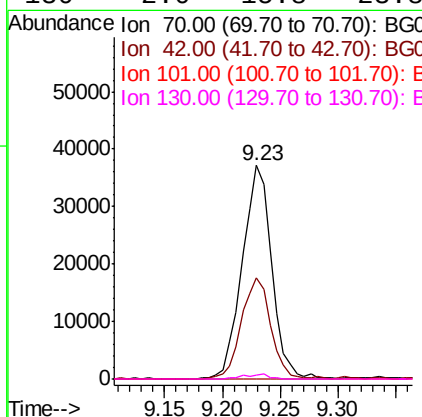
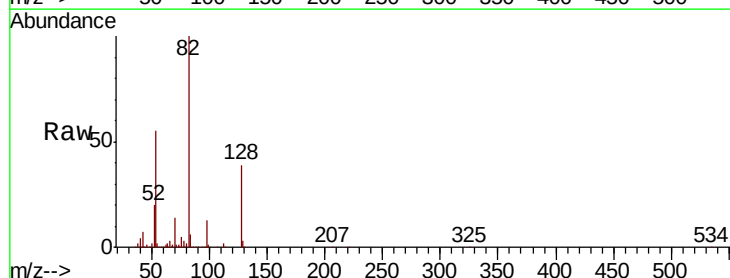
Instrument :
BNA_G
ClientSampleId :

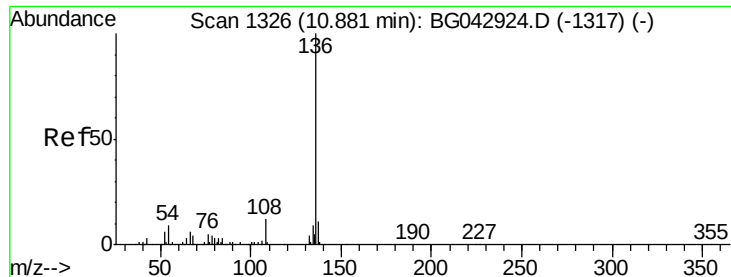
Tot Ion: 79 Resp: 8604
Ion Ratio Lower Upper
79 100
108 47.6 55.7 83.5#
77 87.6 53.3 79.9#



#19
n-Nitroso-di-n-propylamine
Concen: 17.973 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion: 70 Resp: 65953
Ion Ratio Lower Upper
70 100
42 47.5 52.6 79.0#
101 0.0 8.7 13.1#
130 2.0 15.8 23.8#

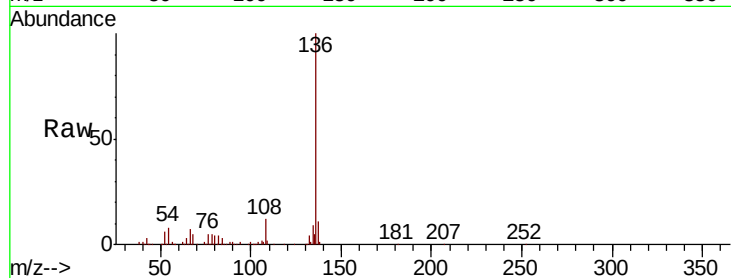




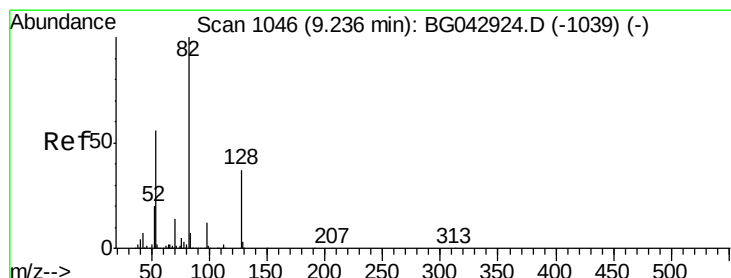
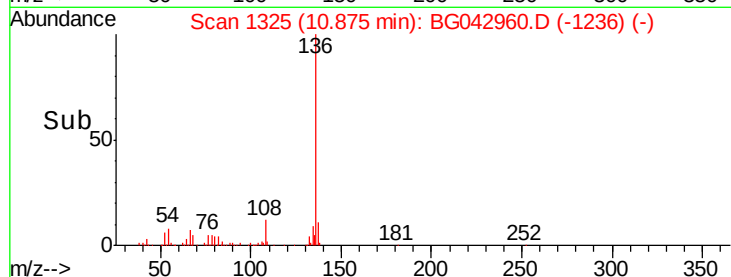
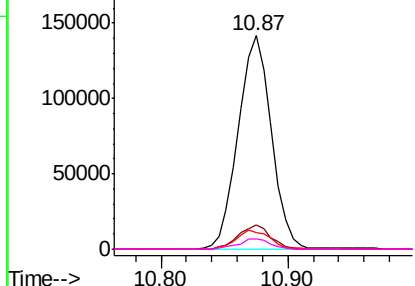
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	257869
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	8.1	7.4 11.2
68	4.9	3.6 5.4

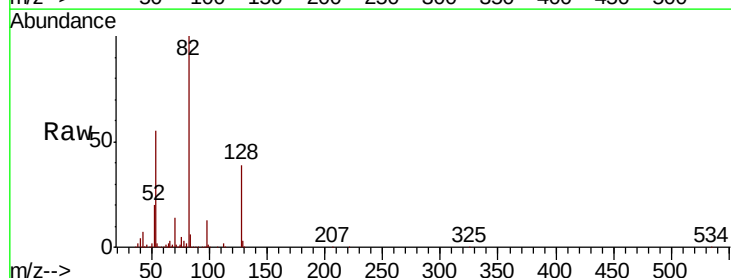


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

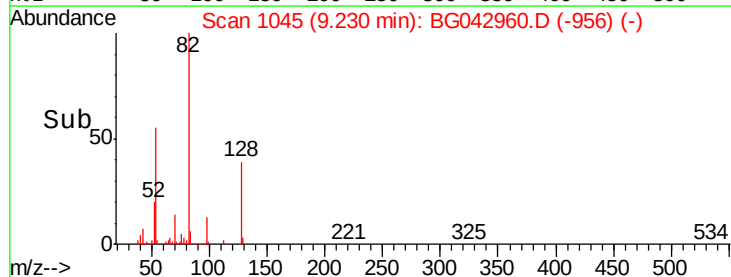
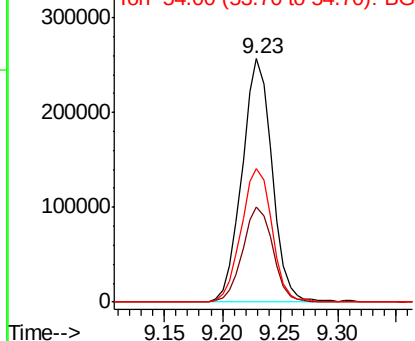


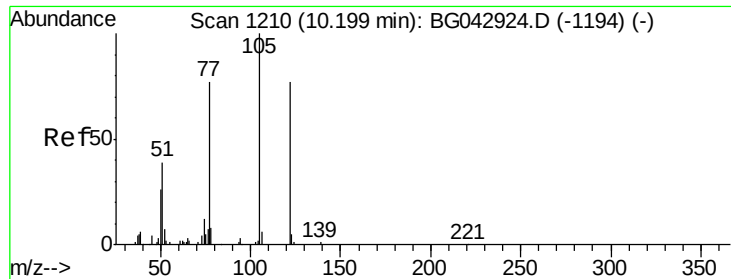
#23
Nitrobenzene-d5
Concen: 87.756 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion: 82	Resp:	465580
Ion Ratio	Lower	Upper
82	100	
128	39.2	29.5 44.3
54	55.0	44.6 67.0



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

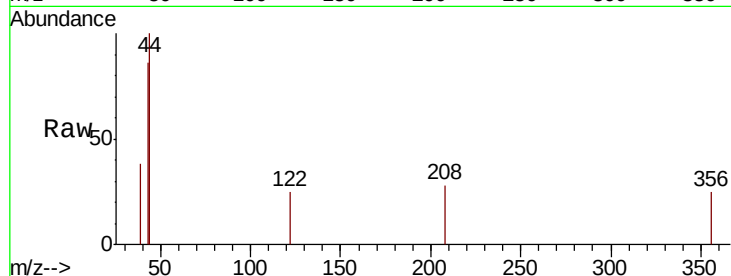




#32
Benzoic acid
Concen: 2.823 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#

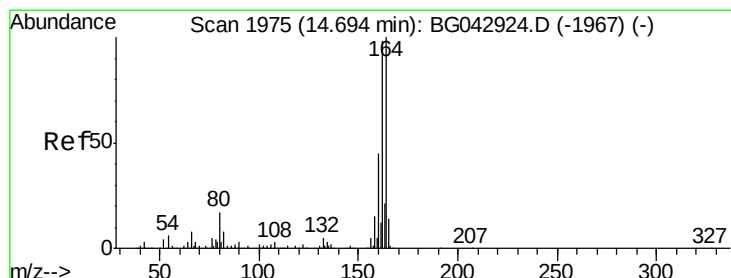
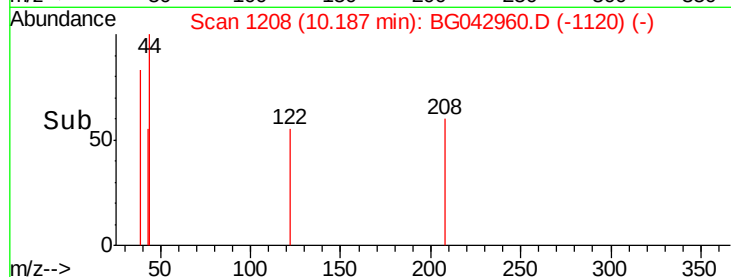
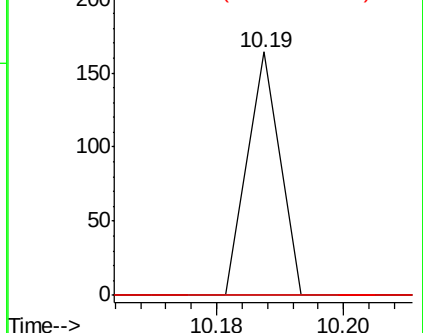


Abundance

Ion 122.00 (121.70 to 122.70): E

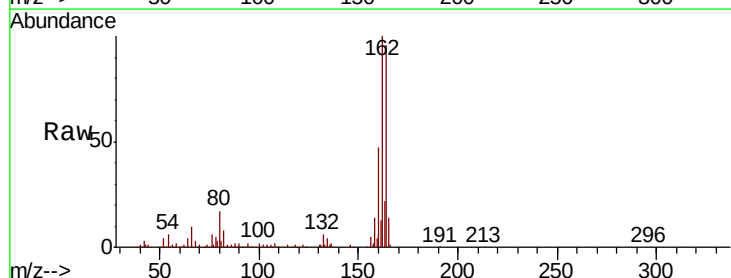
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.5	117.7
160	48.5	35.9	53.9

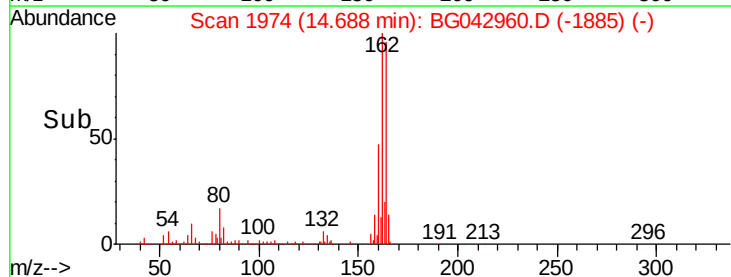
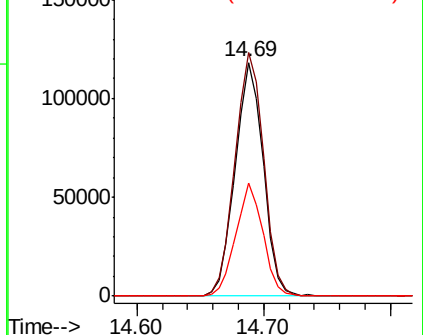


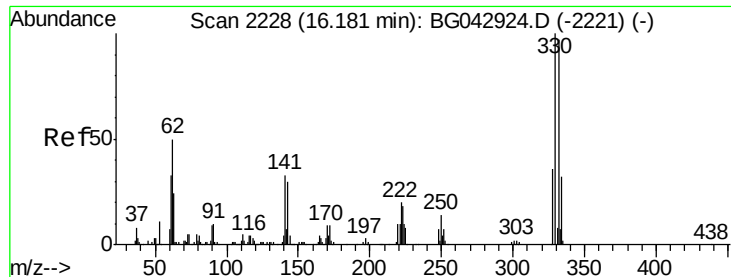
Abundance

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

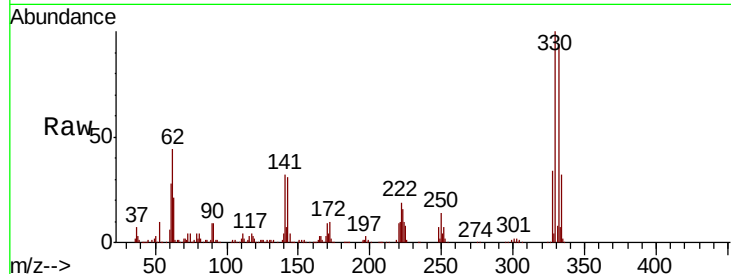




#42
2,4,6-Tribromophenol
Concen: 138.080 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

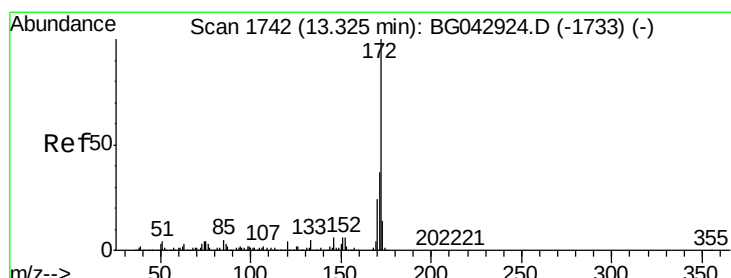
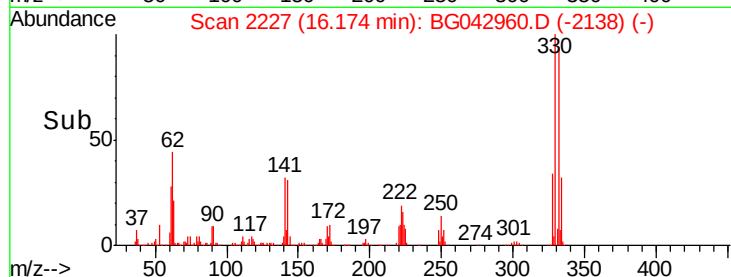
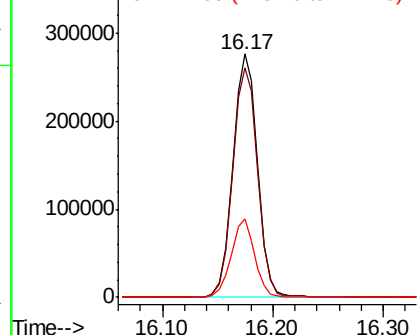
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	31.0	26.0	39.0



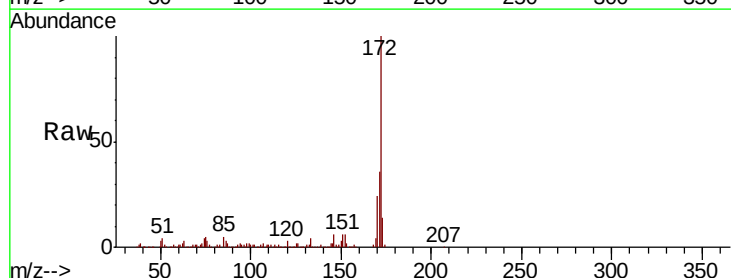
Abundance

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



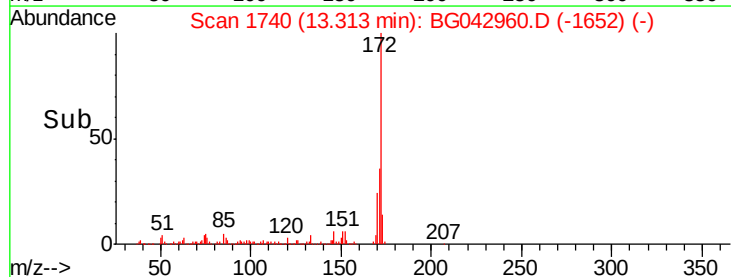
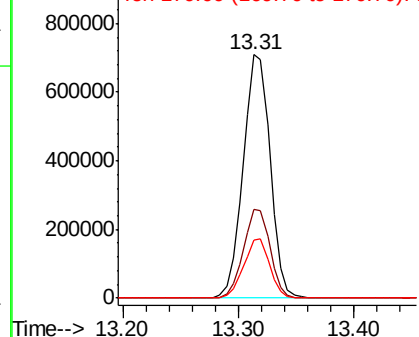
#45
2-Fluorobiphenyl
Concen: 91.963 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

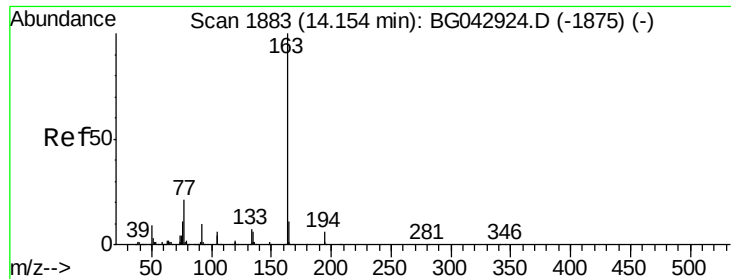
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.6	29.4



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: 6.657 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Instrument :

BNA_G

ClientSampleId :

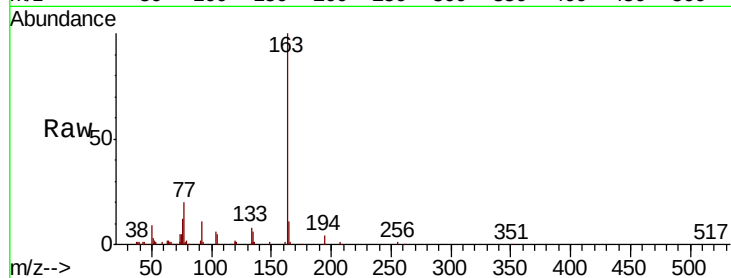
Tot Ion:163 Resp: 90323

Ion Ratio Lower Upper

163 100

194 4.5 4.4 6.6

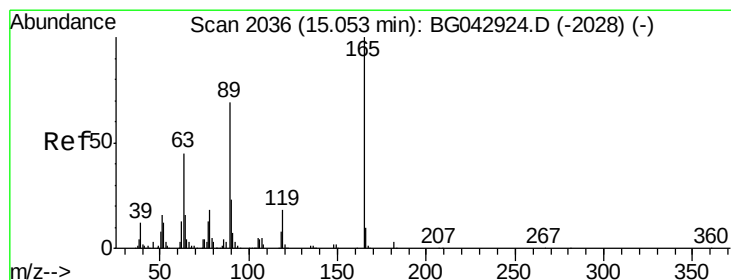
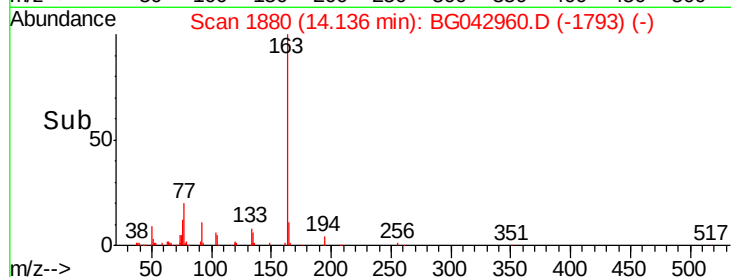
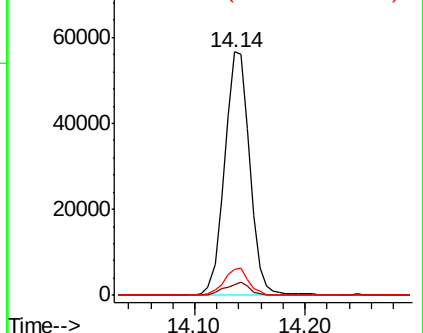
164 10.9 8.6 12.8



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



#57

2,4-Dinitrotoluene

Concen: 6.023 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.36 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Tgt Ion:165 Resp: 25486

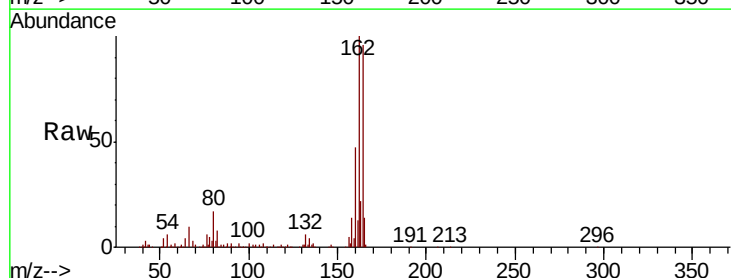
Ion Ratio Lower Upper

165 100

63 0.9 36.5 54.7#

89 2.6 55.5 83.3#

182 0.0 2.4 3.6#

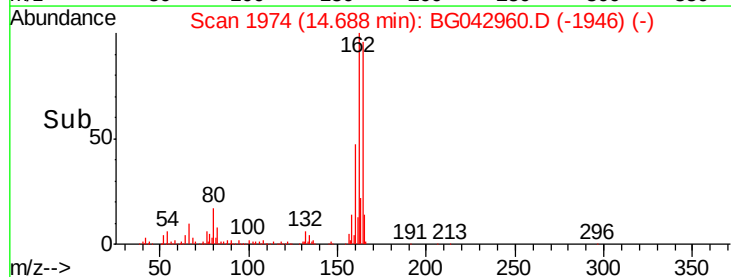
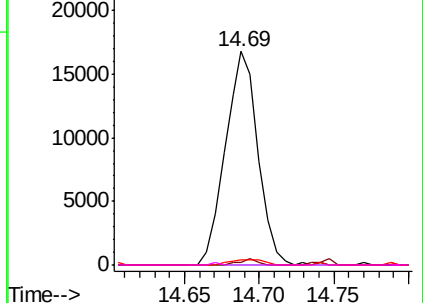


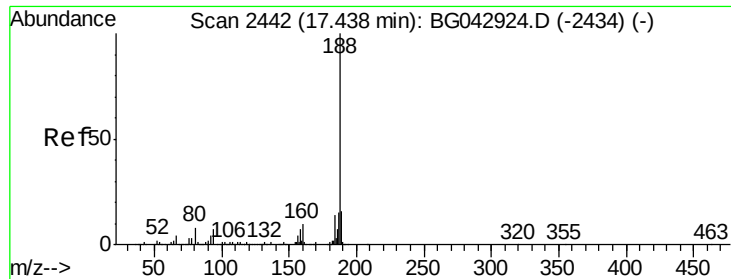
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Instrument :

BNA_G

ClientSampleId :

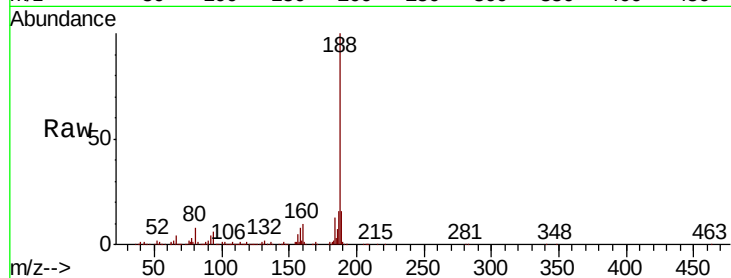
Tot Ion:188 Resp: 433540

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

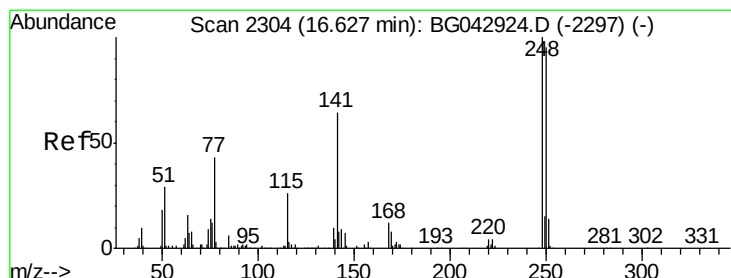
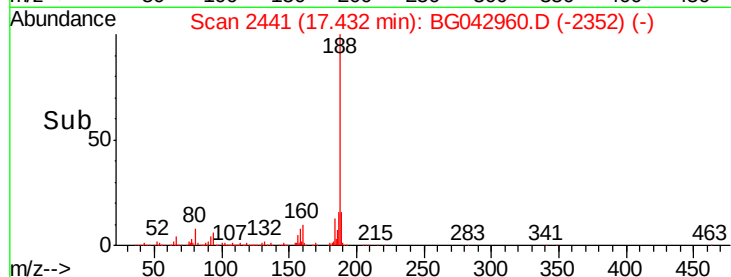
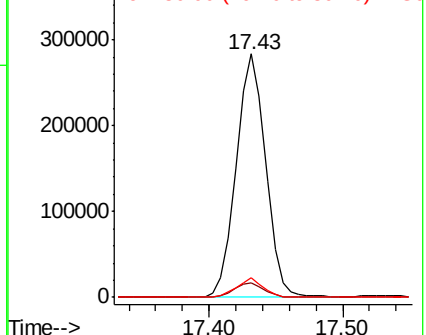
80 8.2 6.5 9.7



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: 5.342 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

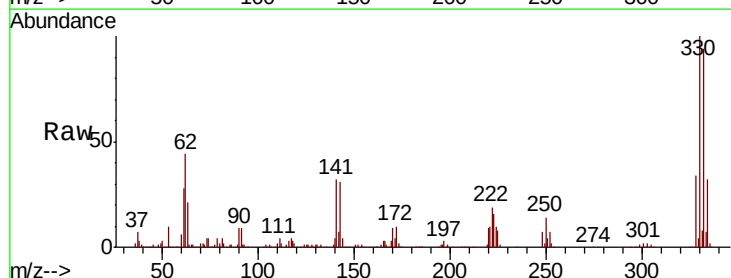
Tgt Ion:248 Resp: 29070

Ion Ratio Lower Upper

248 100

250 198.6 75.8 113.8#

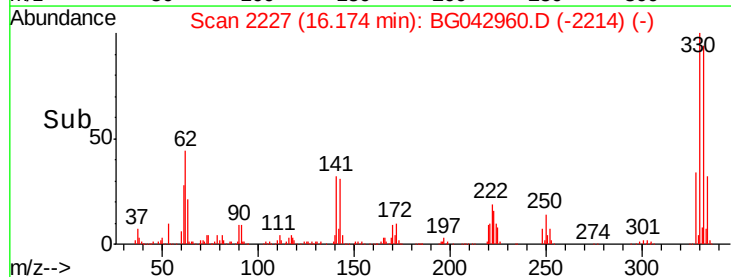
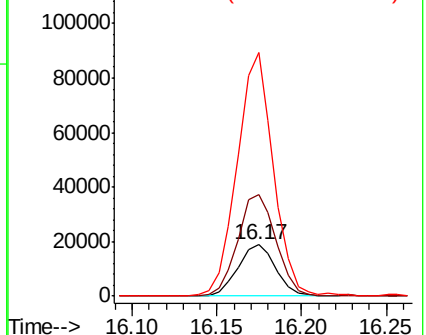
141 474.8 51.1 76.7#

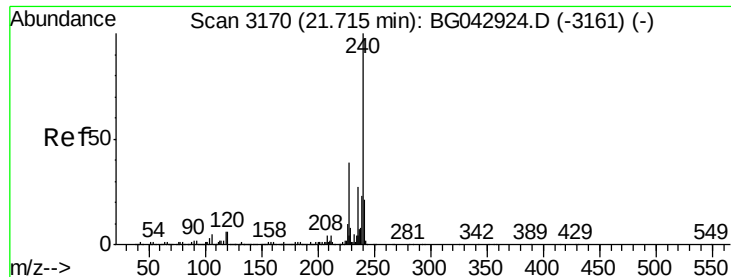


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Instrument :

BNA_G

ClientSampleId :

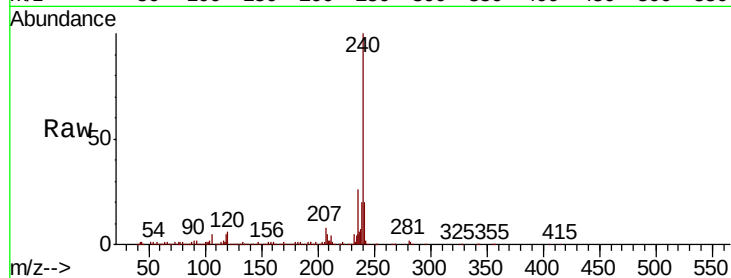
Tot Ion:240 Resp: 484692

Ion Ratio Lower Upper

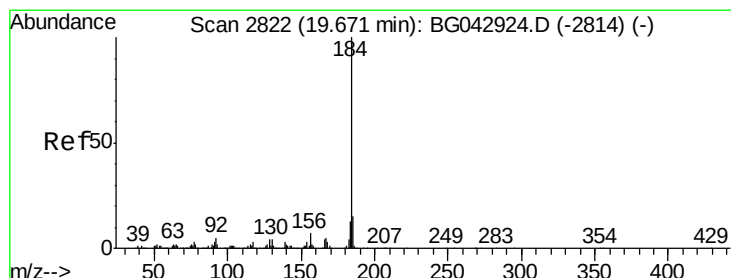
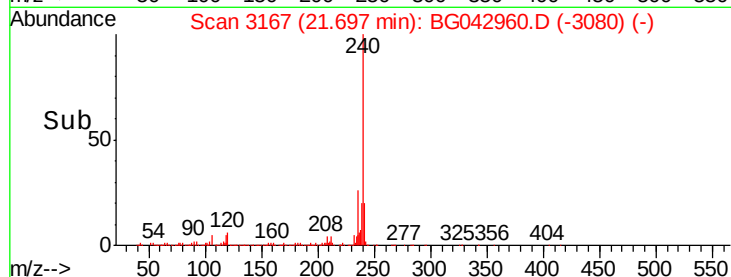
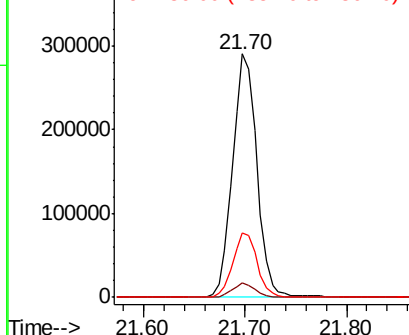
240 100

120 5.7 4.8 7.2

236 26.3 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: 3.077 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.37 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

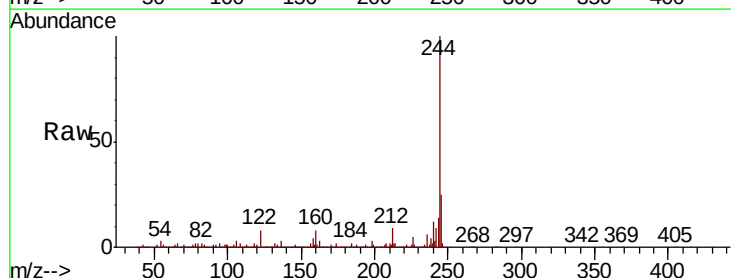
Tgt Ion:184 Resp: 37347

Ion Ratio Lower Upper

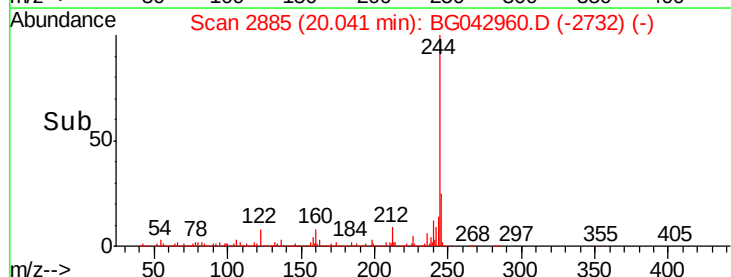
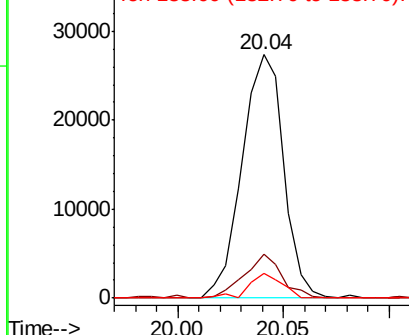
184 100

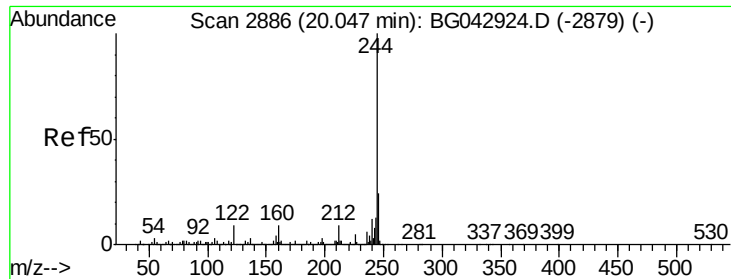
185 17.8 11.8 17.8#

183 10.1 10.1 15.1#



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: 93.960 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

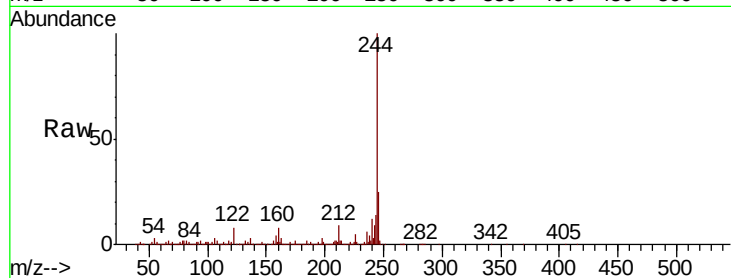
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2137227

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.1	7.0	10.4

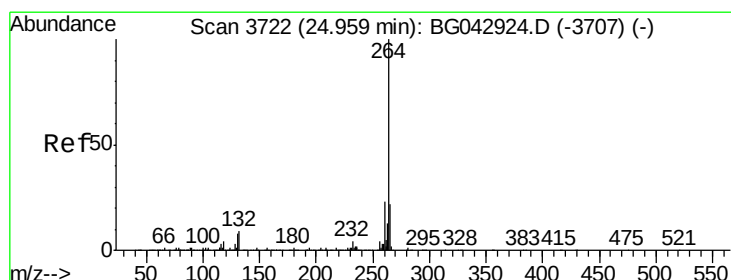
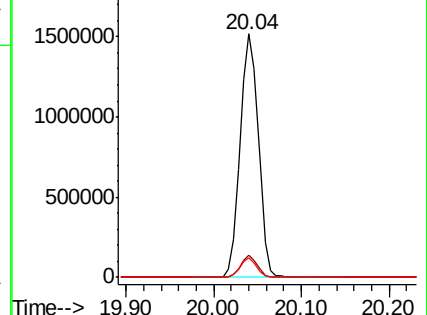
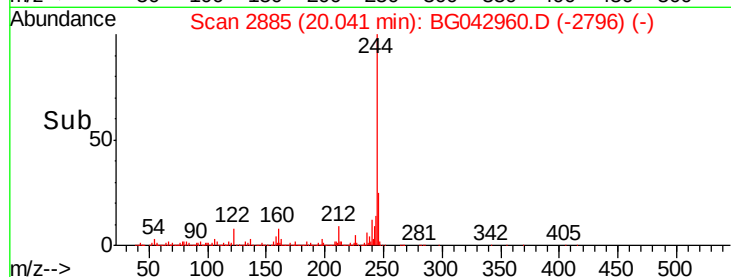


Abundance

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: 24.92 min Scan# 3716

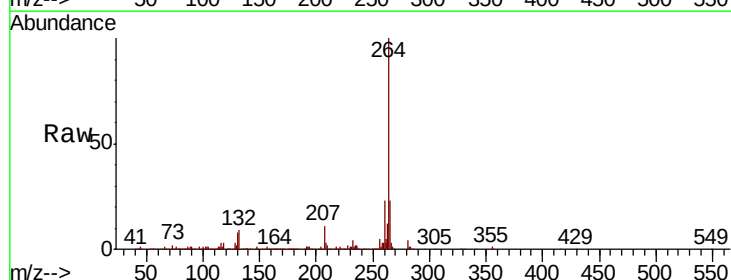
Delta R.T. -0.04 min

Lab File: BG042960.D

Acq: 1 Oct 2019 3:13

Tgt Ion:264 Resp: 546897

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	23.2	17.7	26.5



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

