

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045348.D
 Acq On : 13 May 2020 5:03
 Operator : CG/JU
 Sample : L2575-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 13 06:20:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63378	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	252263	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	176747	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	425760	20.00	ng	0.00
76) Chrysene-d12	21.62	240	415652	20.00	ng	-0.01
87) Perylene-d12	24.78	264	440322	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	480143	125.07	ng	0.00
7) Phenol-d6	7.14	99	709958	124.47	ng	0.00
23) Nitrobenzene-d5	9.13	82	498905	90.24	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	370941	135.85	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1122202	93.10	ng	0.00
79) Terphenyl-d14	19.98	244	1929607	101.18	ng	0.00

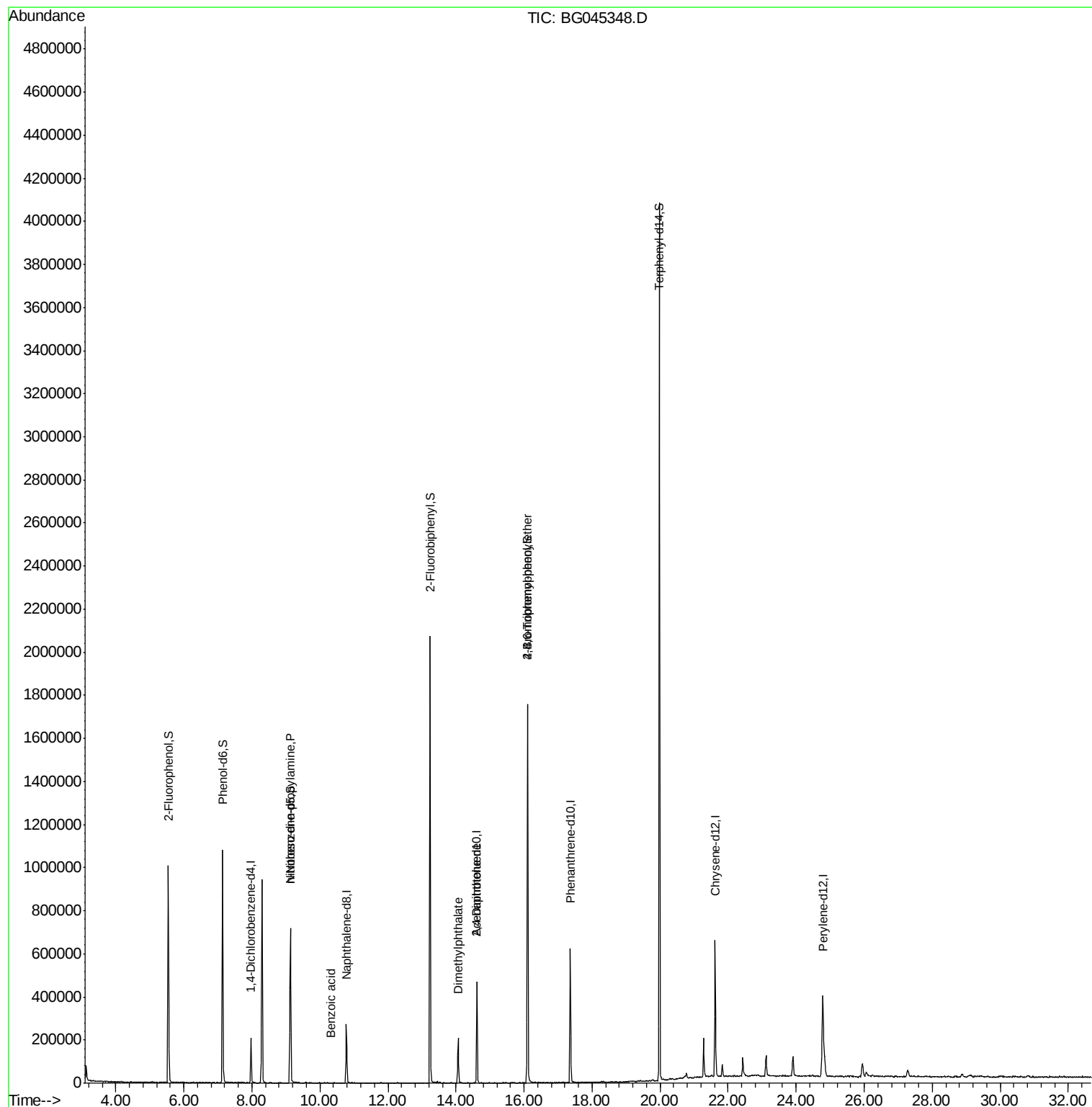
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.13	77	1772	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.13	70	66213	16.415	ng	# 78
32) Benzoic acid	10.30	122	54	6.389	ng	# 1
50) Dimethylphthalate	14.06	163	150382	10.449	ng	# 99
57) 2,4-Dinitrotoluene	14.62	165	23272	4.947	ng	# 23
67) 4-Bromophenyl-phenylether	16.11	248	24913	4.536	ng	# 1
69) Atrazine	16.84	200	74	Below Cal	#	35
74) Di-n-butylphthalate	18.33	149	2000	Below Cal	#	76
75) Fluoranthene	19.42	202	3132	Below Cal	#	75
77) Benzydine	19.98	184	37258	Below Cal	#	91

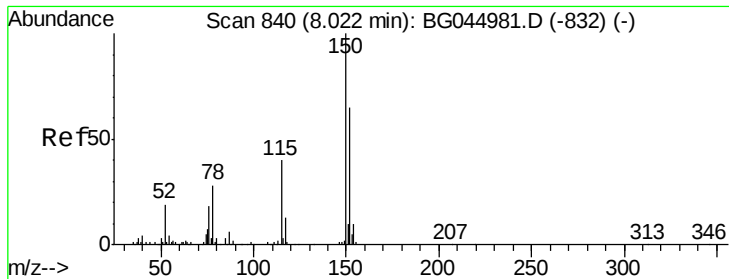
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
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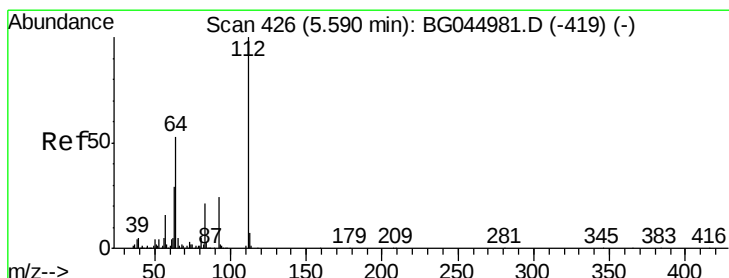
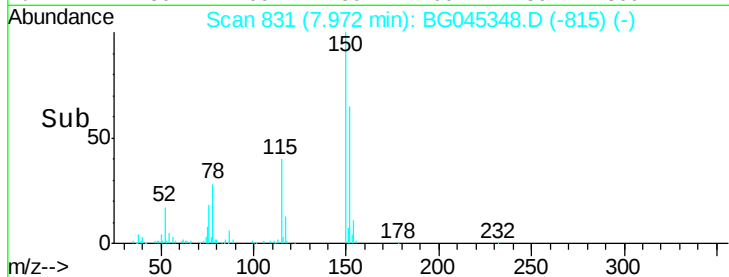
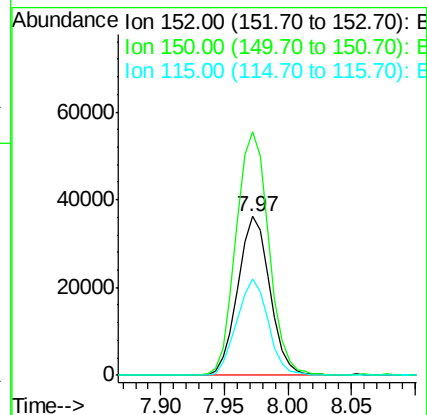
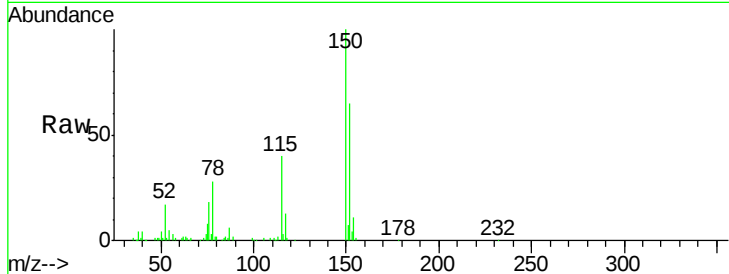


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045348.D
Acq: 13 May 2020 5:03

Instrument :
BNA_G
ClientSampleId :

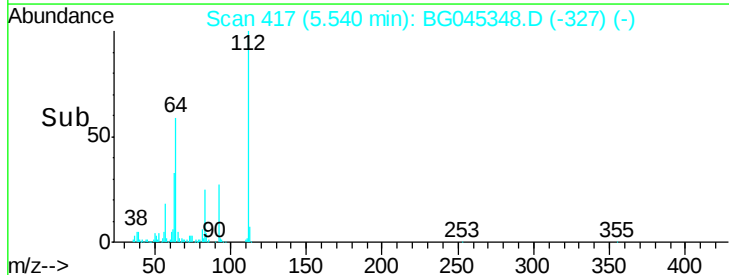
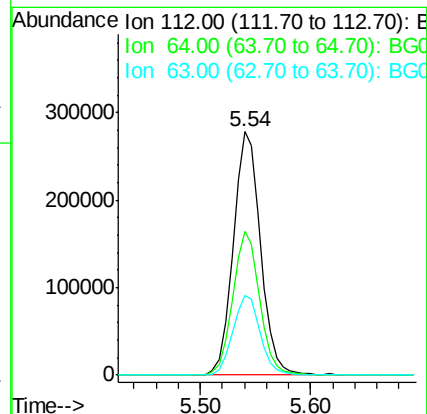
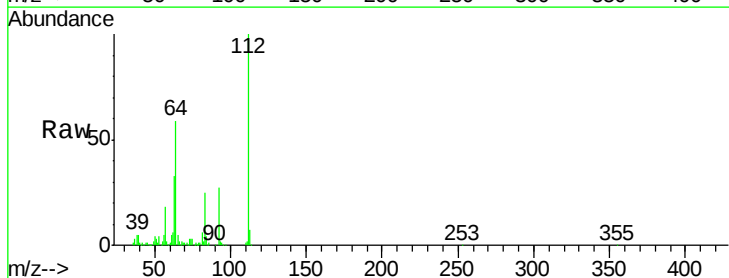
Tot Ion:152 Resp: 63378
Ion Ratio Lower Upper
152 100
150 153.3 123.6 185.4
115 60.6 49.1 73.7

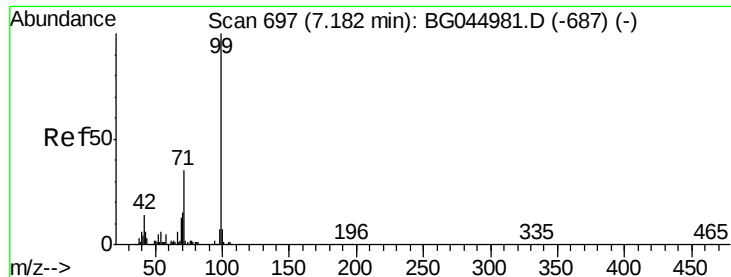


#5

2-Fluorophenol
Concen: 125.073 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045348.D
Acq: 13 May 2020 5:03

Tgt Ion:112 Resp: 480143
Ion Ratio Lower Upper
112 100
64 58.9 42.4 63.6
63 32.7 23.1 34.7





#7

Phenol-d6

Concen: 124.475 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

Instrument :

BNA_G

ClientSampled :

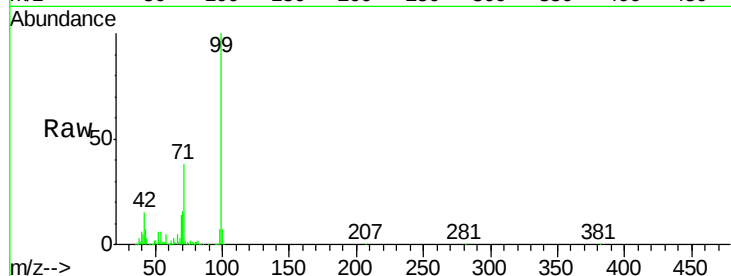
Tot Ion: 99 Resp: 709958

Ion Ratio Lower Upper

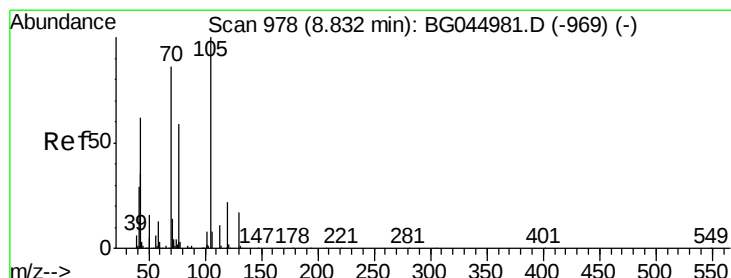
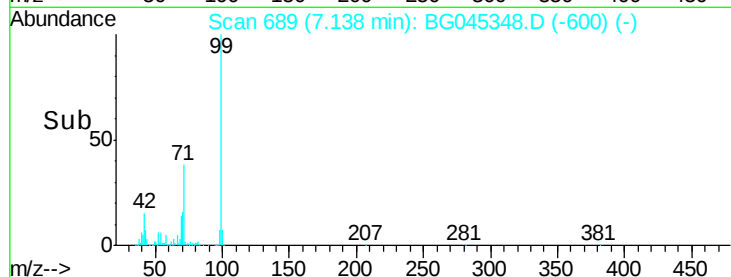
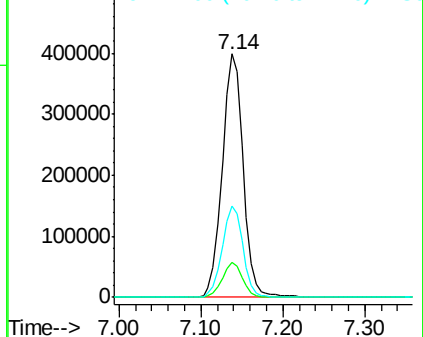
99 100

42 14.6 11.3 16.9

71 37.6 28.3 42.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.415 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.35 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

Tgt Ion: 70 Resp: 66213

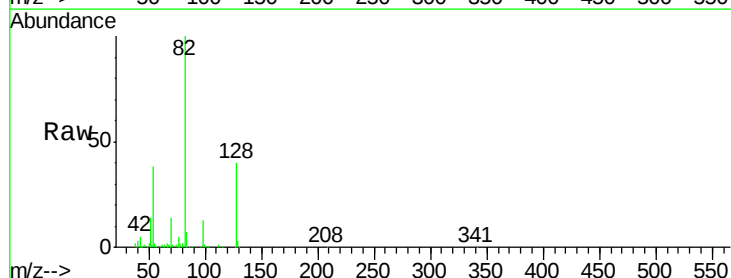
Ion Ratio Lower Upper

70 100

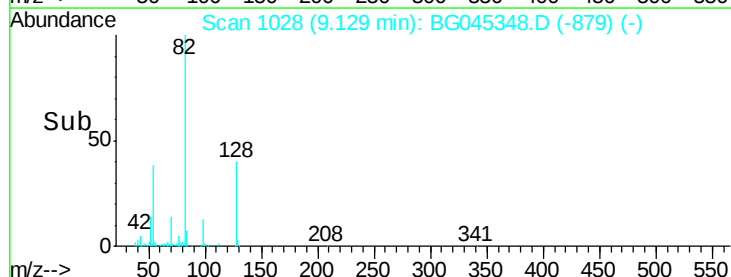
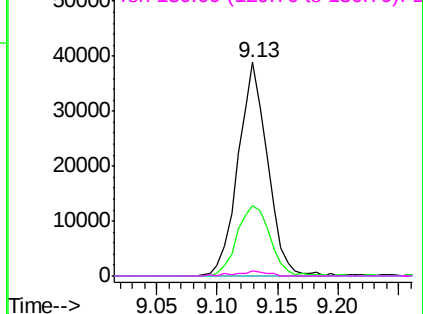
42 32.8 33.3 49.9#

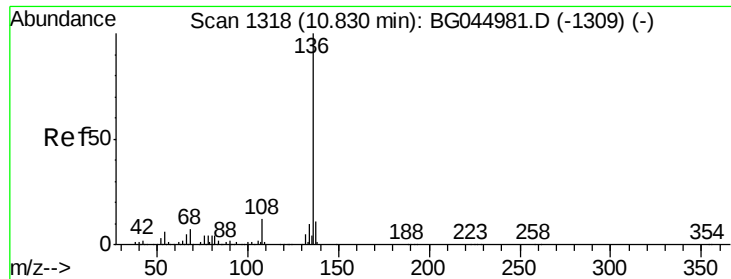
101 0.0 7.8 11.8#

130 2.6 15.8 23.6#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

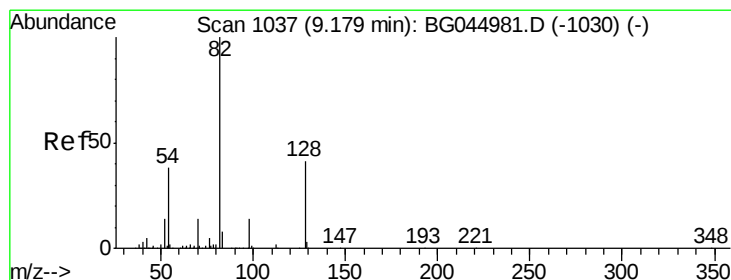
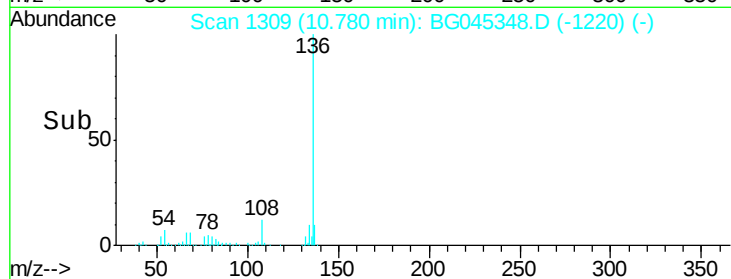
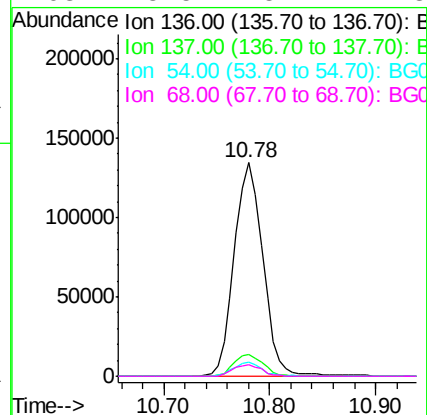
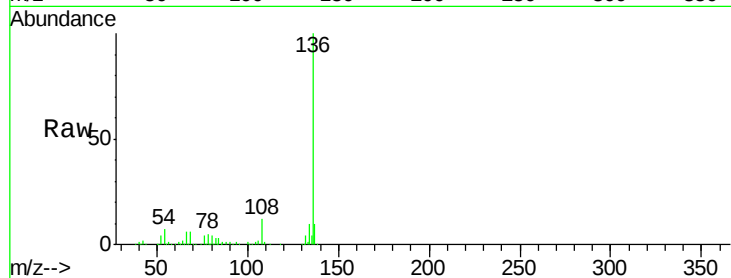




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045348.D
Acq: 13 May 2020 5:03

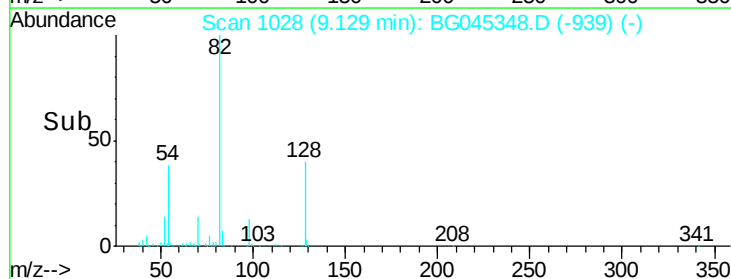
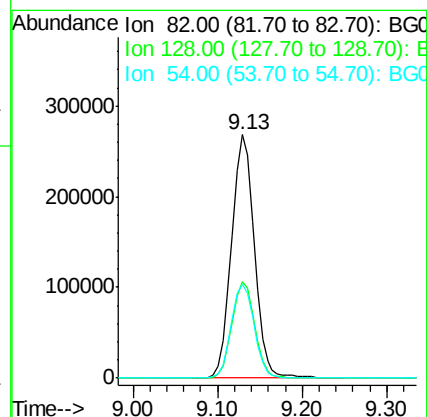
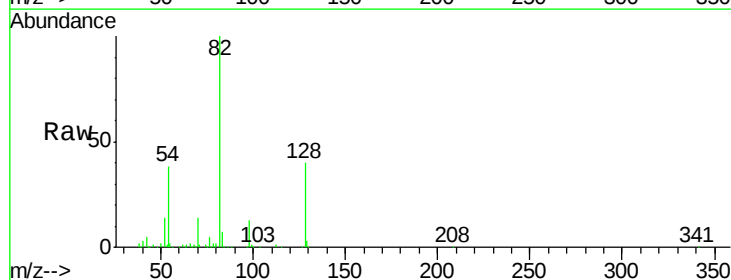
Instrument :
BNA_G
ClientSampleId :

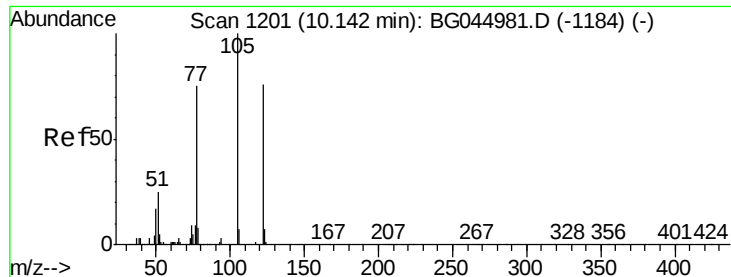
Tot Ion:136	Resp:	252263
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.6	13.0
54 6.5	4.8	7.2
68 5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 90.241 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045348.D
Acq: 13 May 2020 5:03

Tgt	Ion: 82	Resp:	498905
Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	38.5	30.4	45.6





#32

Benzoic acid

Concen: 6.389 ng

RT: 10.30 min Scan# 1228

Delta R.T. 0.20 min

Lab File: BG045348.D

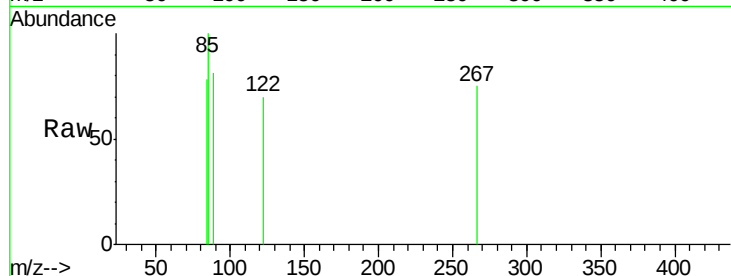
Acq: 13 May 2020 5:03

Instrument :

BNA_G

ClientSampleId :

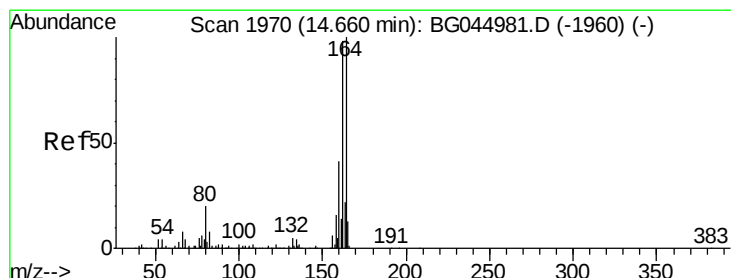
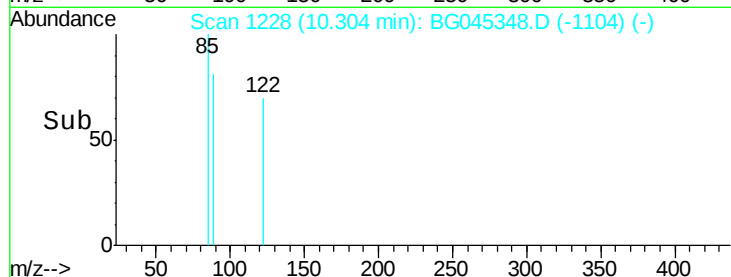
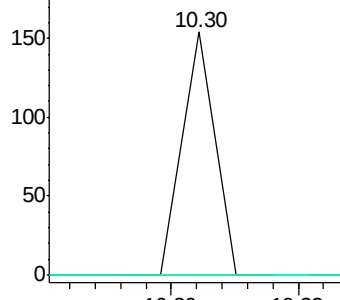
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#



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): B



#39

Acenaphthene-d10

Concen: 20.000 ng

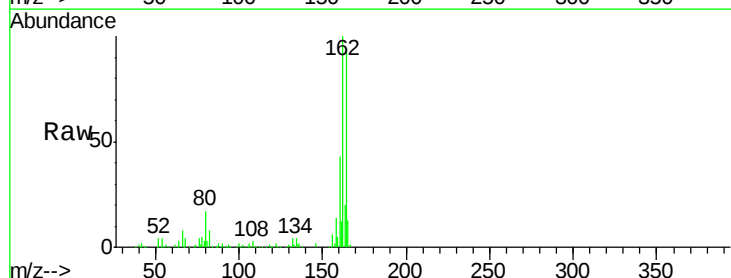
RT: 14.62 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

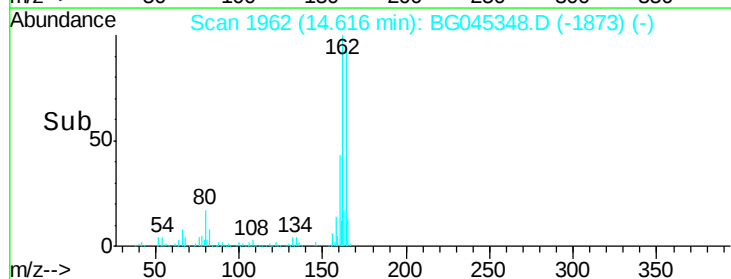
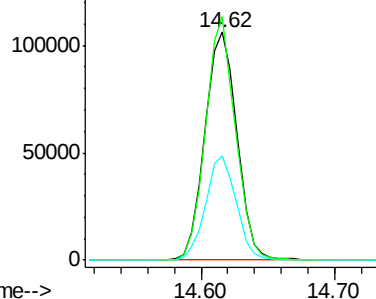
Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.7	118.1
160	45.6	32.8	49.2

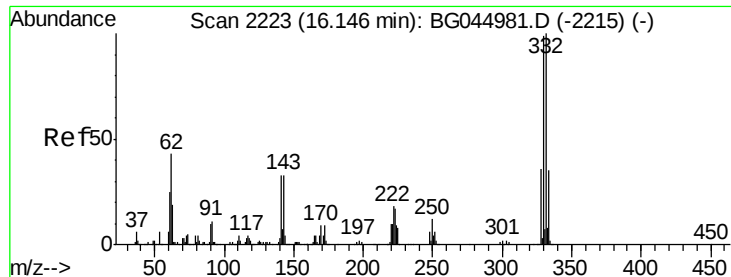


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

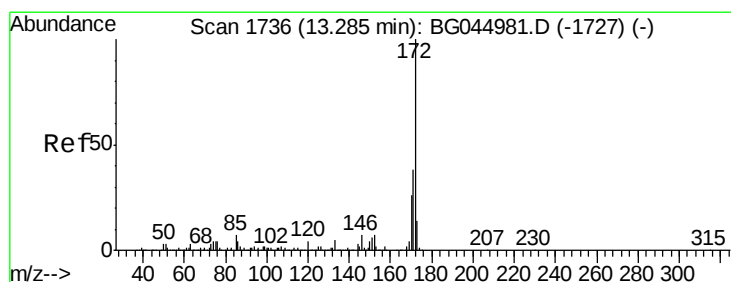
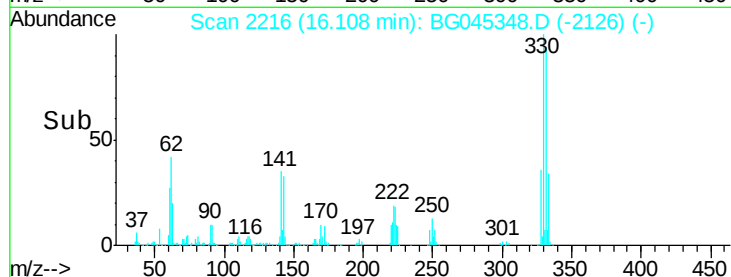
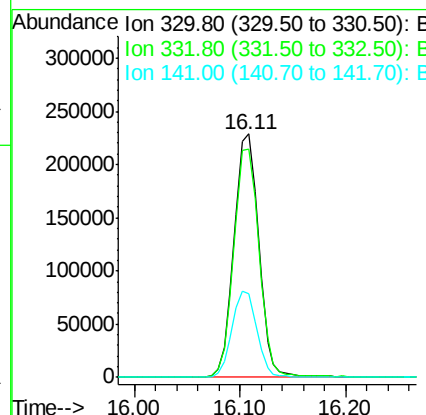
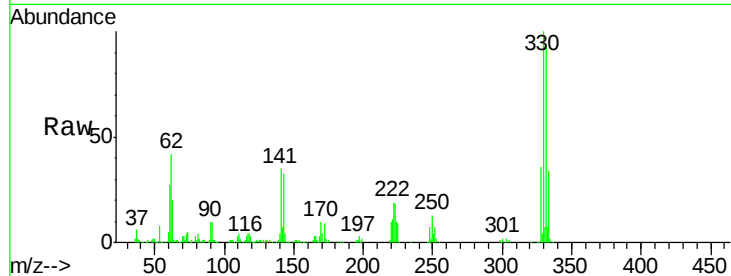




#42
 2,4,6-Tribromophenol
 Concen: 135.850 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045348.D
 Acq: 13 May 2020 5:03

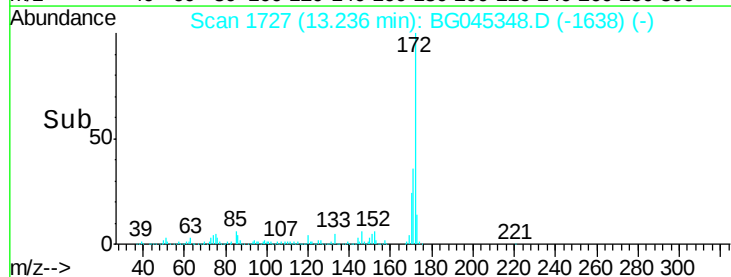
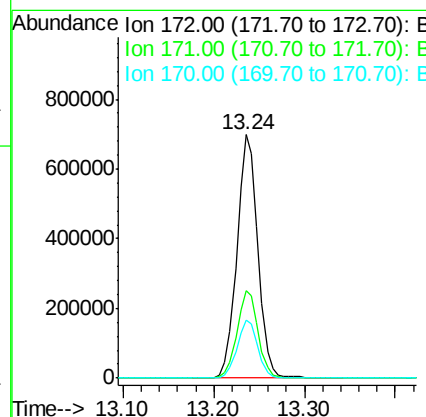
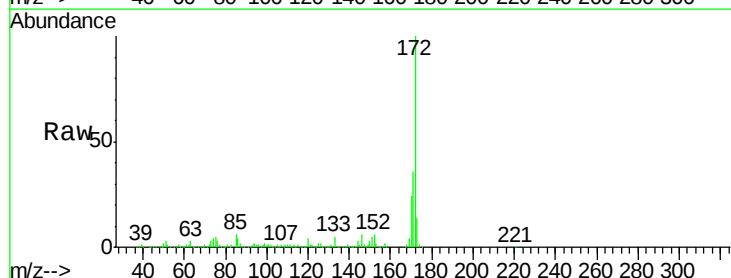
Instrument :
 BNA_G
 ClientSampleId :

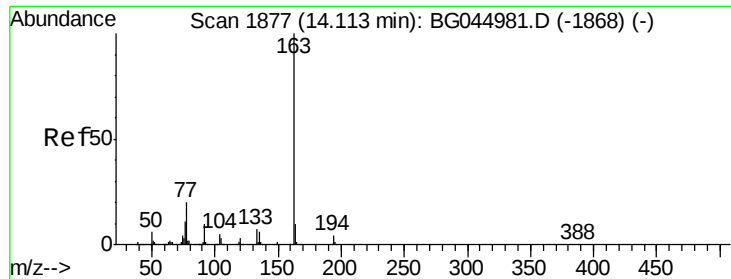
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.1	118.7
141	35.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 93.099 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG045348.D
 Acq: 13 May 2020 5:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	46.0
170	24.0	20.5	30.7





#50

Dimethylphthalate

Concen: 10.449 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

Instrument :

BNA_G

ClientSampleId :

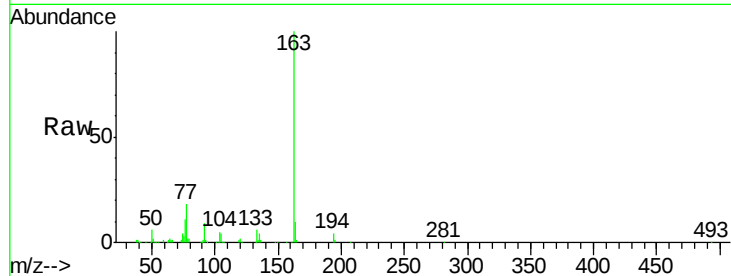
Tot Ion:163 Resp: 150382

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

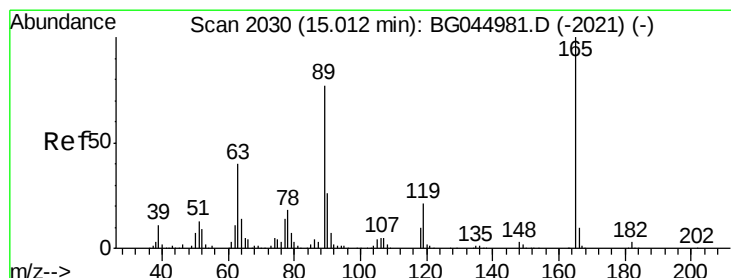
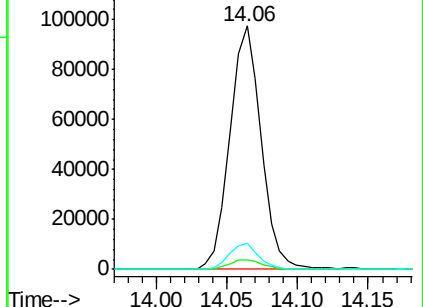
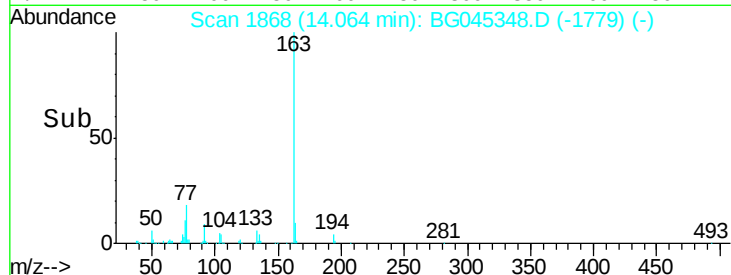
164 10.4 8.2 12.4



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: 4.947 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.36 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

Tgt Ion:165 Resp: 23272

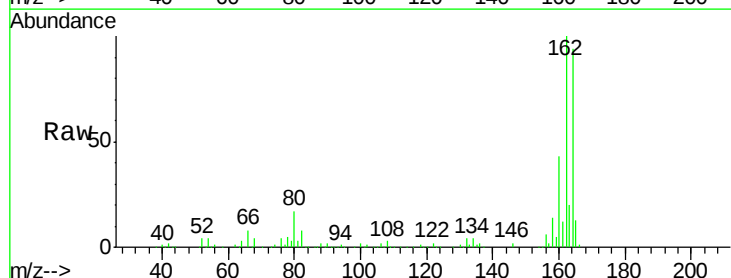
Ion Ratio Lower Upper

165 100

63 2.1 32.2 48.2#

89 1.3 61.7 92.5#

182 0.0 2.0 3.0#

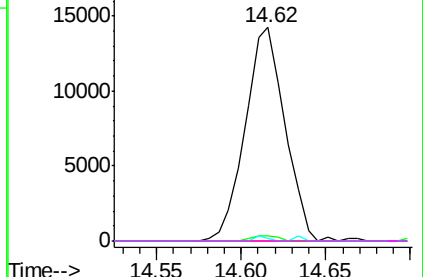
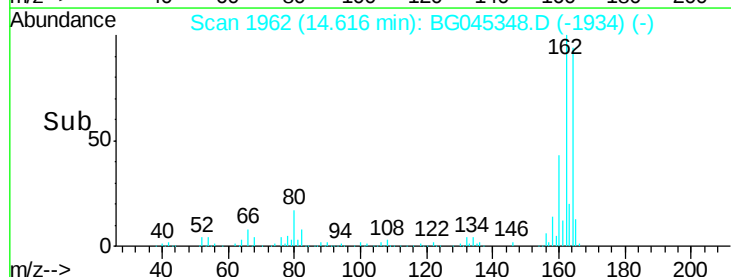


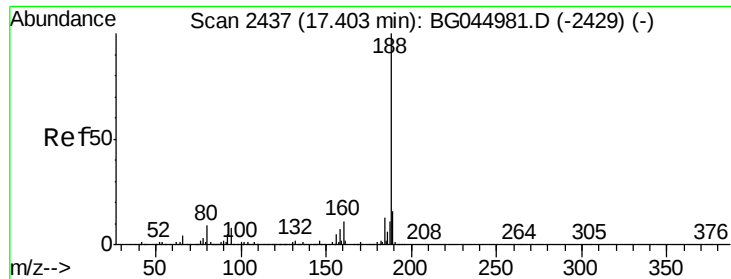
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

Instrument :

BNA_G

ClientSampleId :

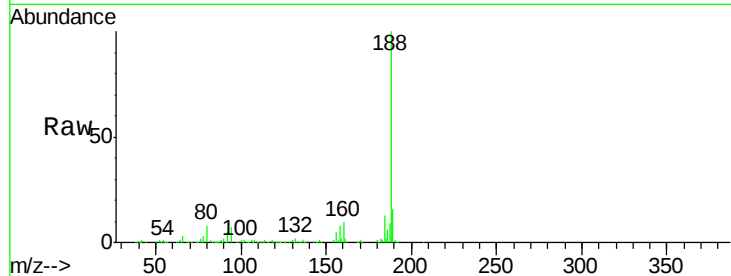
Tot Ion:188 Resp: 425760

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

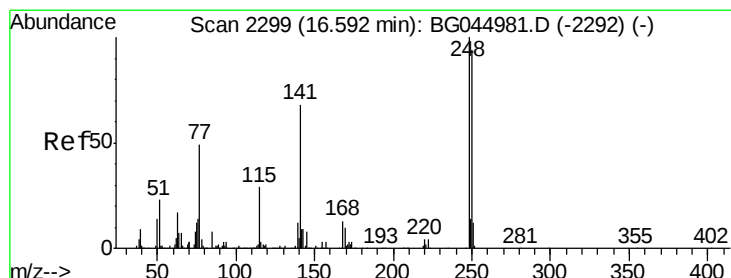
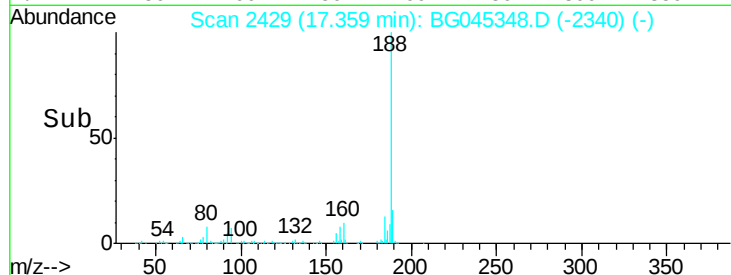
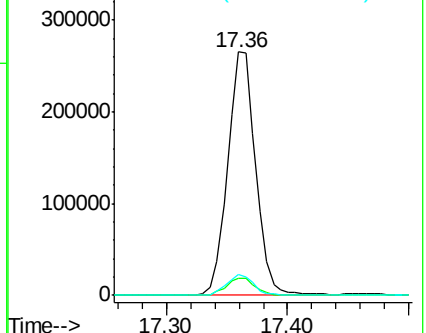
80 8.4 7.0 10.6



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: 4.536 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.45 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

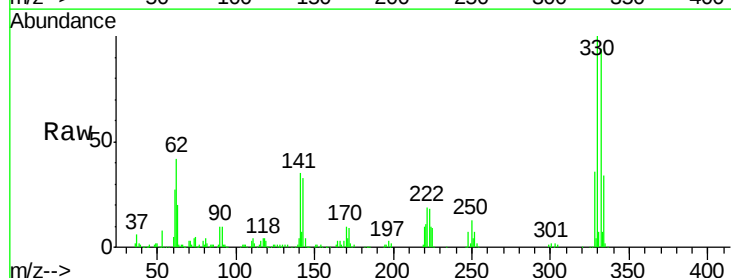
Tgt Ion:248 Resp: 24913

Ion Ratio Lower Upper

248 100

250 198.2 75.4 113.2#

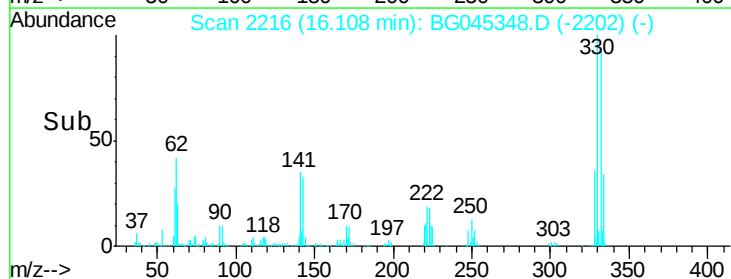
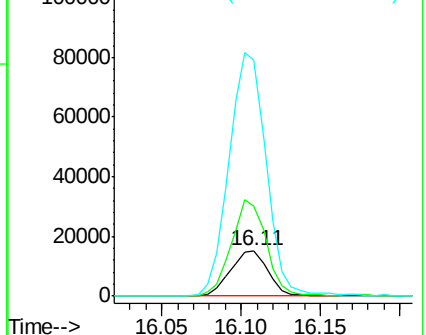
141 518.1 54.4 81.6#

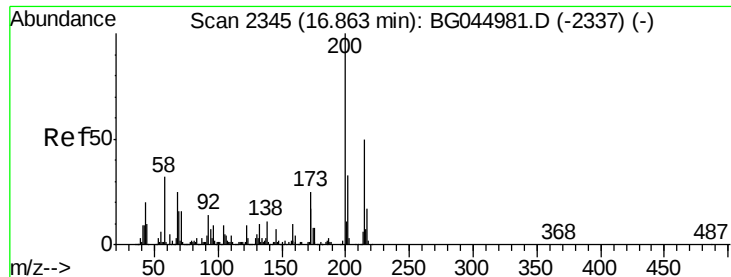


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.84 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

Instrument :

BNA_G

ClientSampled :

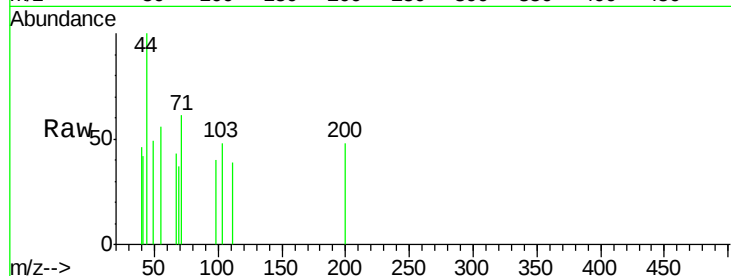
Tot Ion:200 Resp: 74

Ion Ratio Lower Upper

200 100

173 0.0 4.5 44.5#

215 0.0 30.0 70.0#

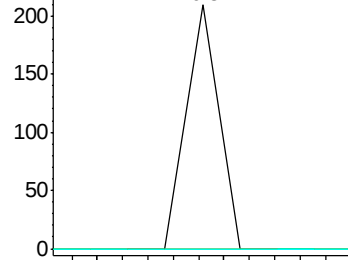


Abundance Ion 200.00 (199.70 to 200.70): E

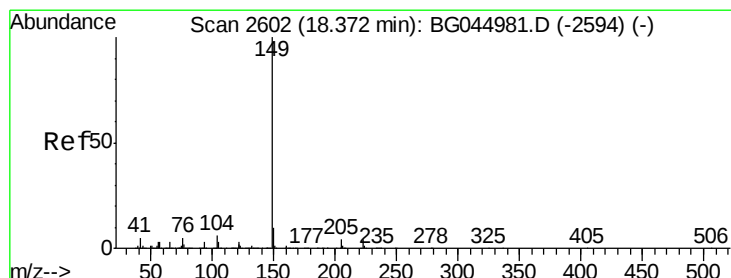
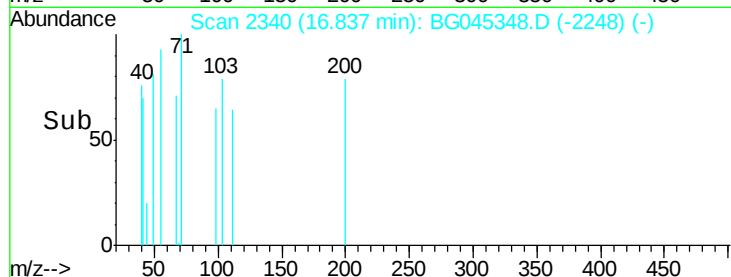
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

16.84



Time-->



#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

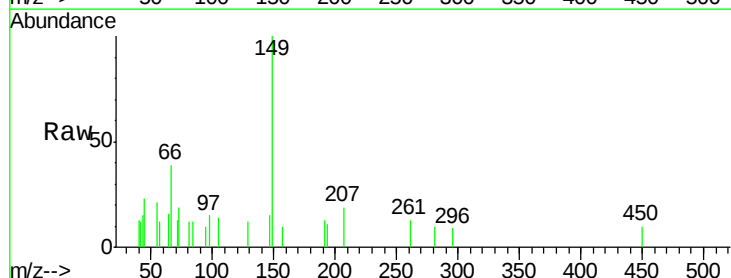
Tgt Ion:149 Resp: 2000

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

104 0.0 4.8 7.2#

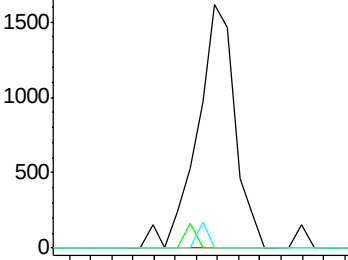


Abundance Ion 149.00 (148.70 to 149.70): E

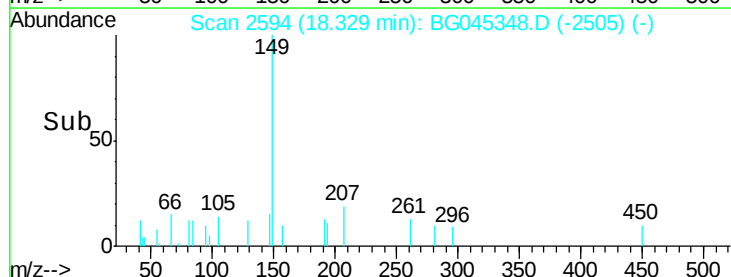
Ion 150.00 (149.70 to 150.70): E

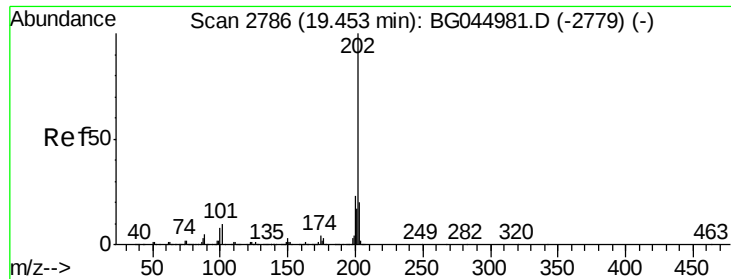
Ion 104.00 (103.70 to 104.70): E

18.33



Time-->





#75

Fluoranthene

Concen: Below Cal

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

Instrument :

BNA_G

ClientSampleId :

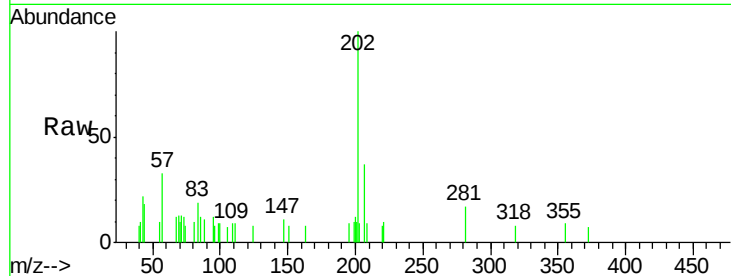
Tot Ion:202 Resp: 3132

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

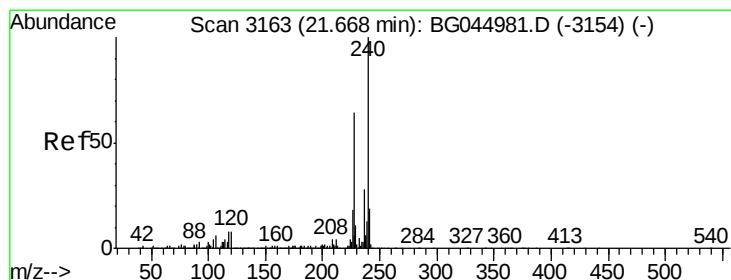
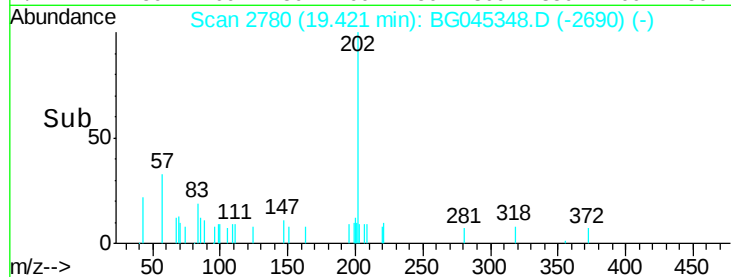
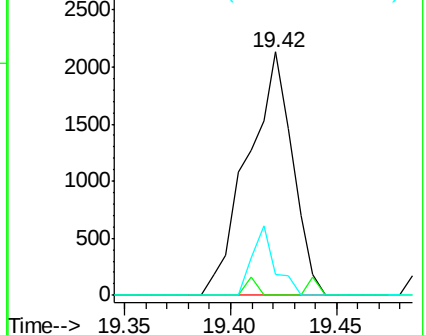
203 8.7 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

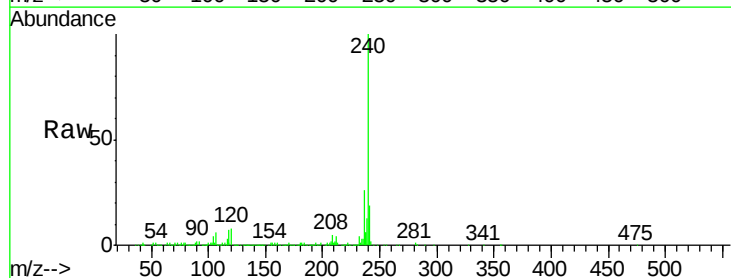
Tgt Ion:240 Resp: 415652

Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

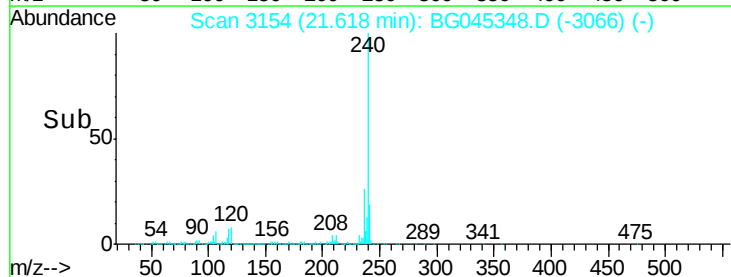
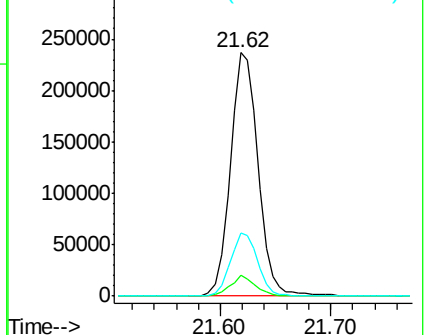
236 26.0 22.2 33.2



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: Below Cal

RT: 19.98 min Scan# 2875

Delta R.T. 0.38 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

Instrument :

BNA_G

ClientSampleId :

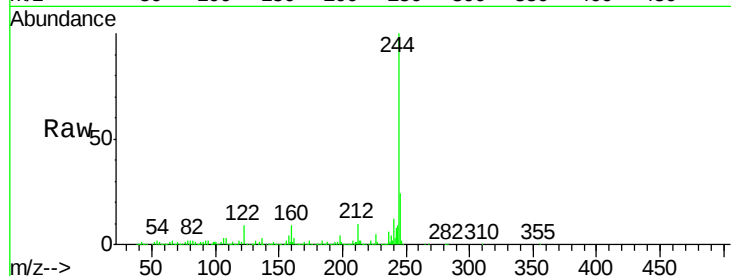
Tot Ion:184 Resp: 37258

Ion Ratio Lower Upper

184 100

185 16.8 12.6 19.0

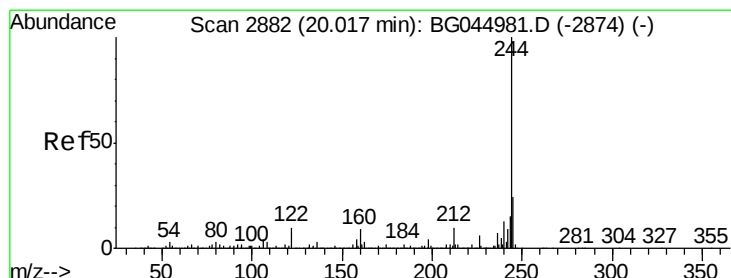
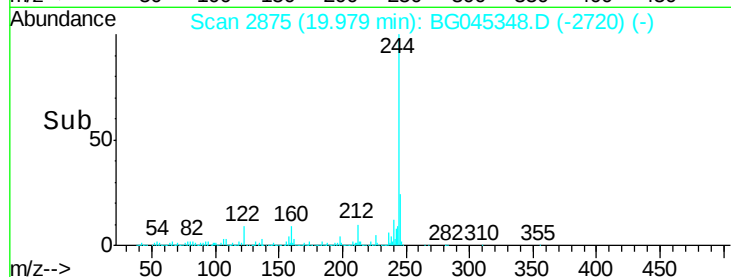
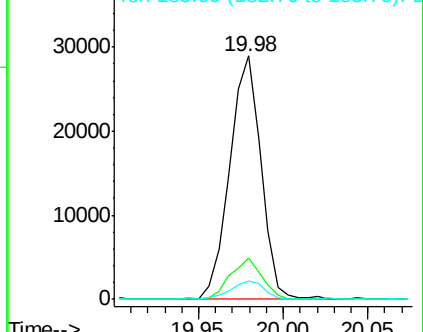
183 7.3 11.3 16.9#



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: 101.183 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045348.D

Acq: 13 May 2020 5:03

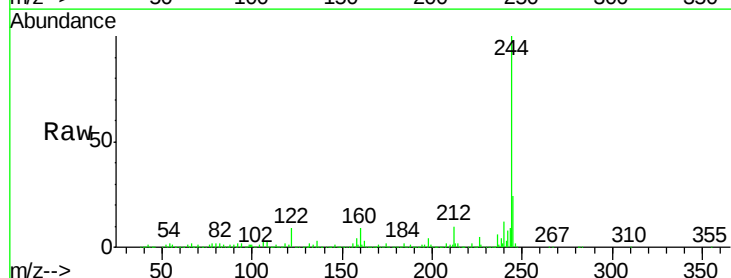
Tgt Ion:244 Resp: 1929607

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

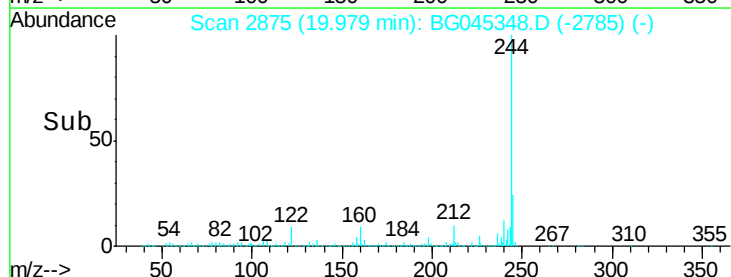
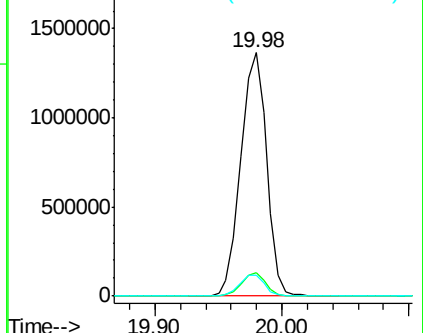
122 8.8 7.7 11.5

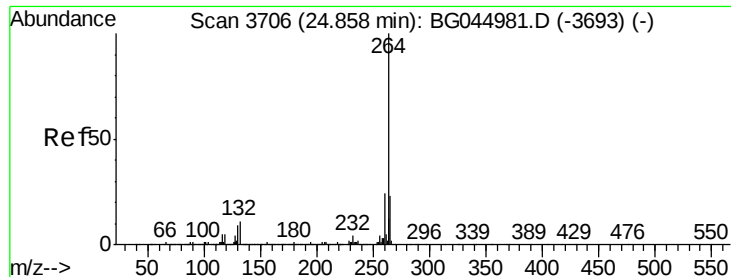


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

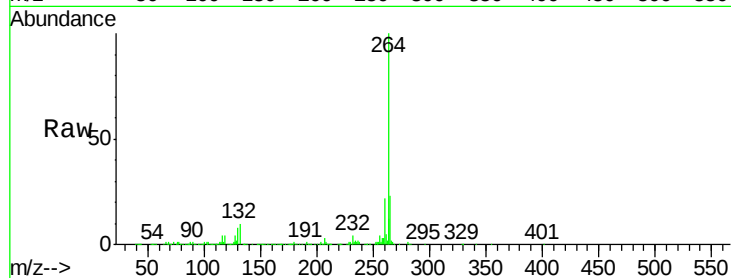




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045348.D
Acq: 13 May 2020 5:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.2	28.8
265	22.6	19.0	28.4



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

