

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045587.D
 Acq On : 3 Jun 2020 19:00
 Operator : CG/JU
 Sample : L2854-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 04 02:50:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

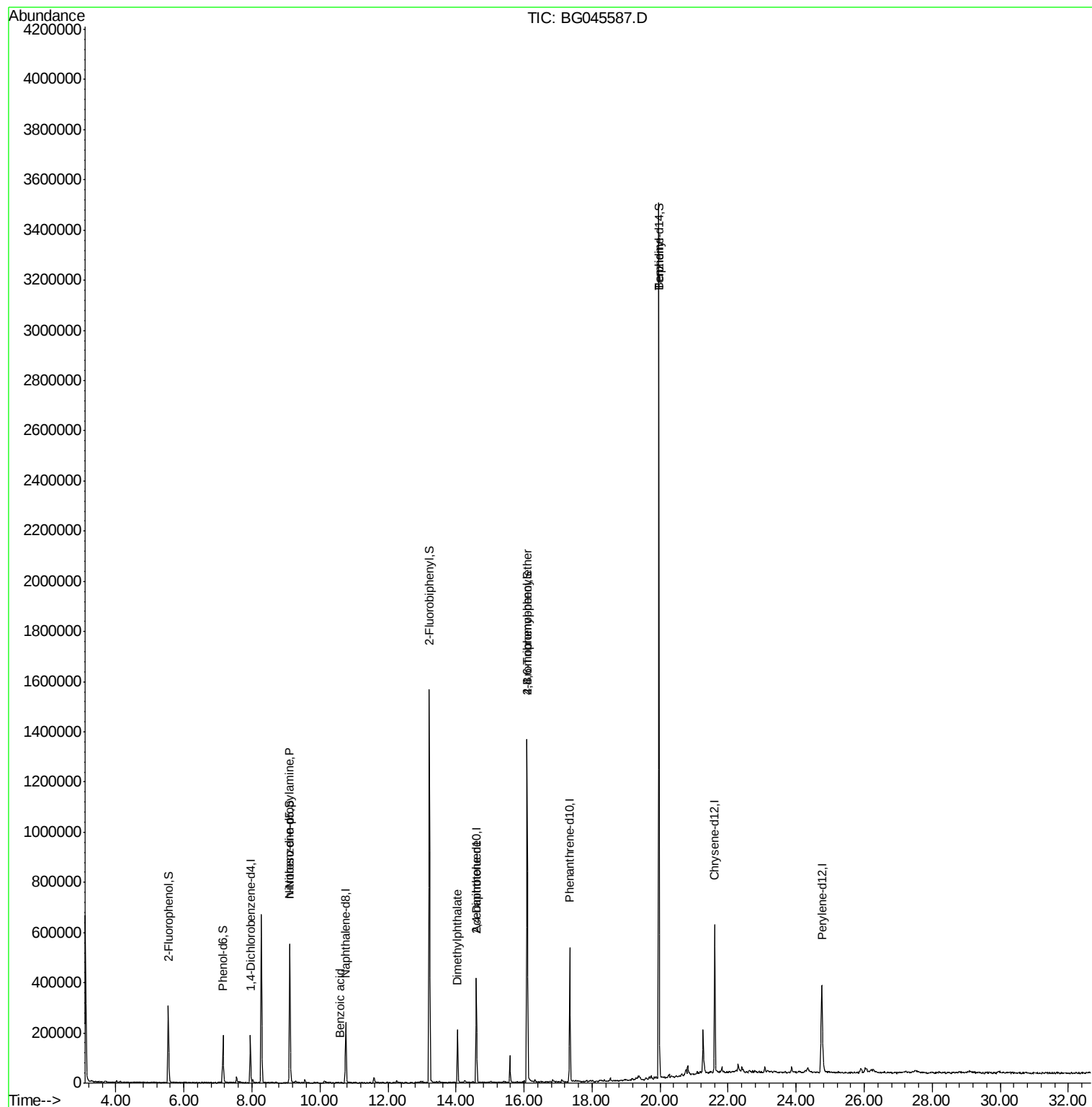
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	54916	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	214607	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	149649	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	357245	20.00	ng	0.00
76) Chrysene-d12	21.61	240	376351	20.00	ng	0.00
87) Perylene-d12	24.75	264	410266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	154696	55.05	ng	0.00
7) Phenol-d6	7.15	99	130160	32.54	ng	0.00
23) Nitrobenzene-d5	9.11	82	379768	96.50	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	284251	148.52	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	853211	96.71	ng	0.00
79) Terphenyl-d14	19.96	244	1680425	104.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	51023	18.448	ng	# 83
32) Benzoic acid	10.58	122	65	10.051	ng	# 1
50) Dimethylphthalate	14.04	163	142695	13.900	ng	98
57) 2,4-Dinitrotoluene	14.60	165	20034	5.972	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	19582	5.062	ng	# 1
77) Benzidine	19.96	184	32707	3.094	ng	# 91

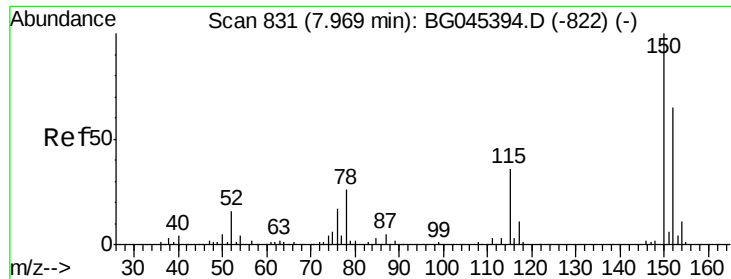
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Response via : Initial Calibration



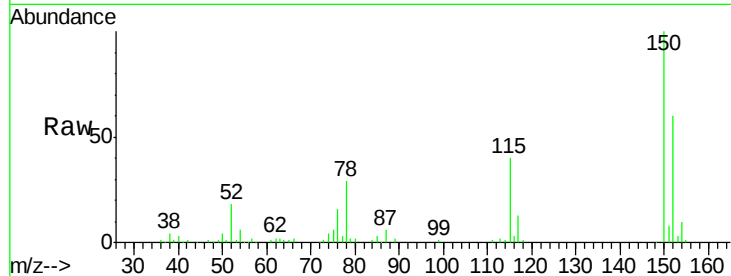


#1

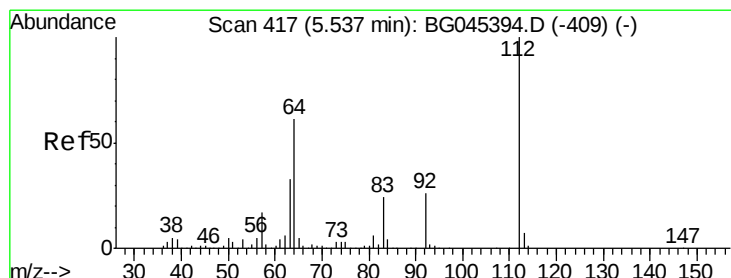
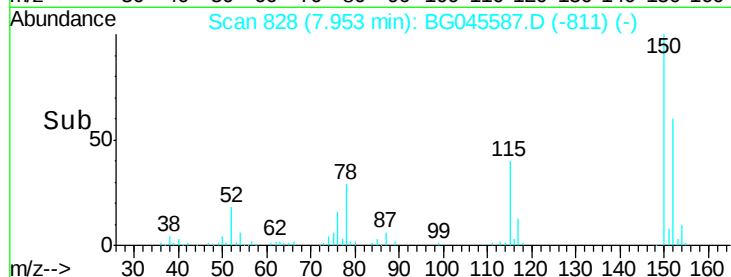
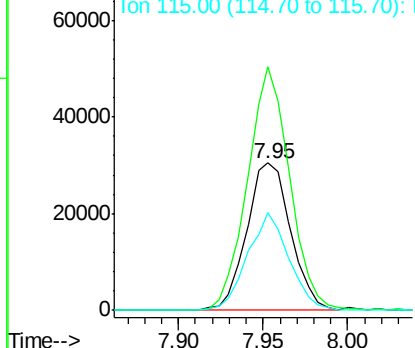
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54916
Ion Ratio Lower Upper
152 100
150 165.6 122.4 183.6
115 66.2 44.2 66.4



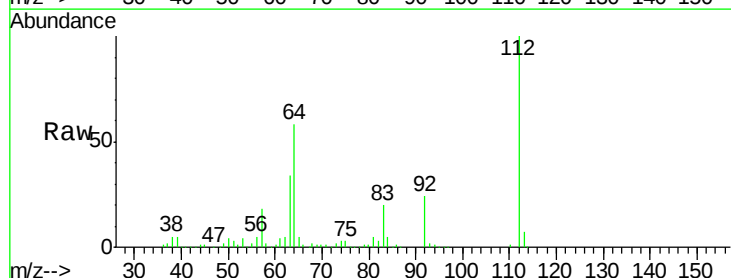
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



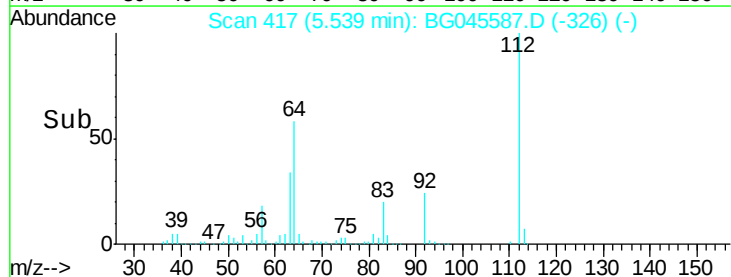
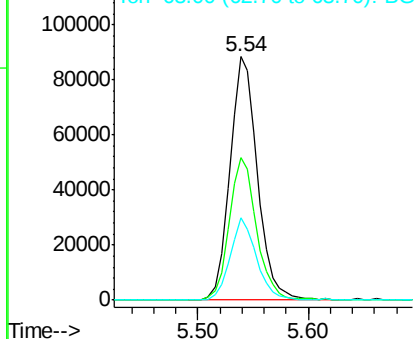
#5

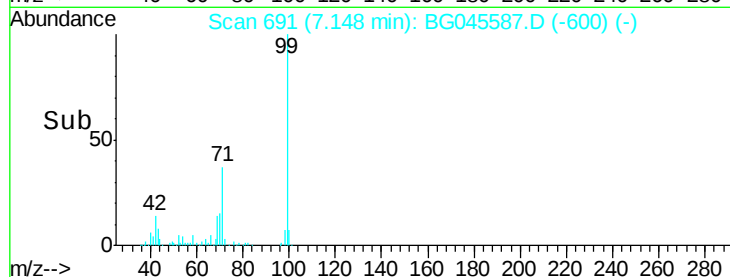
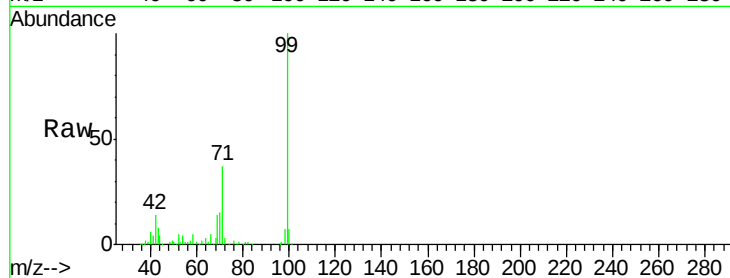
2-Fluorophenol
Concen: 55.052 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Tgt Ion:112 Resp: 154696
Ion Ratio Lower Upper
112 100
64 58.4 48.6 72.8
63 33.7 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0

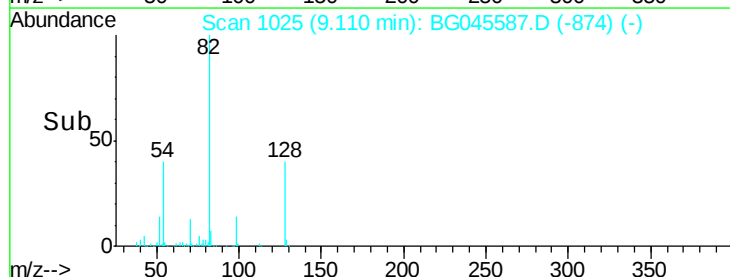
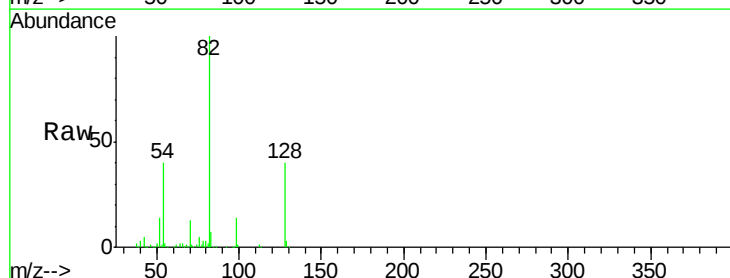
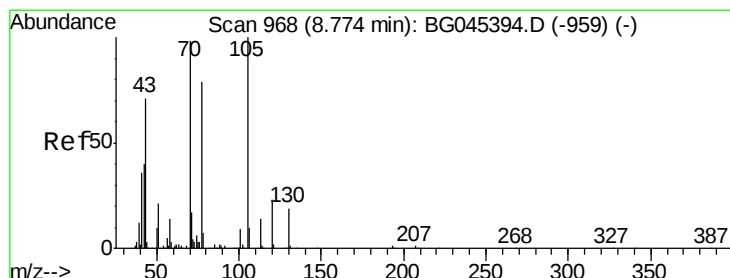
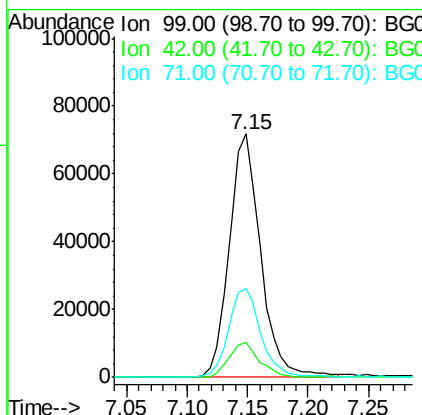




#7
Phenol-d6
Concen: 32.544 ng
RT: 7.15 min Scan# 691
Delta R.T. 0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

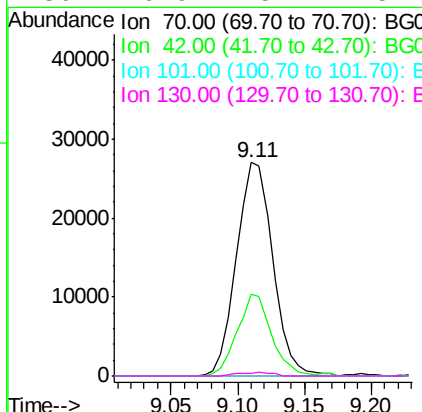
Instrument :
BNA_G
ClientSampleId :

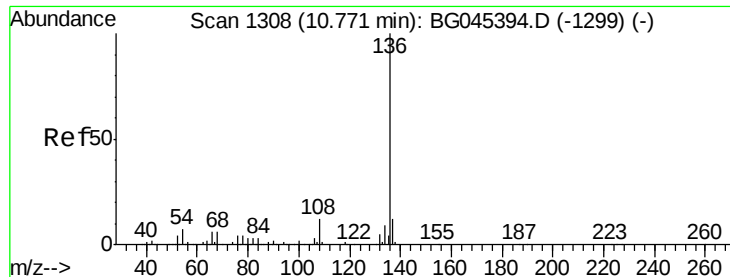
Tot Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.3	16.9
71	36.6	30.8	46.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.448 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Tgt Ion	Ratio	Lower	Upper
70	100		
42	38.6	33.2	49.8
101	0.0	7.8	11.6#
130	0.9	15.4	23.2#

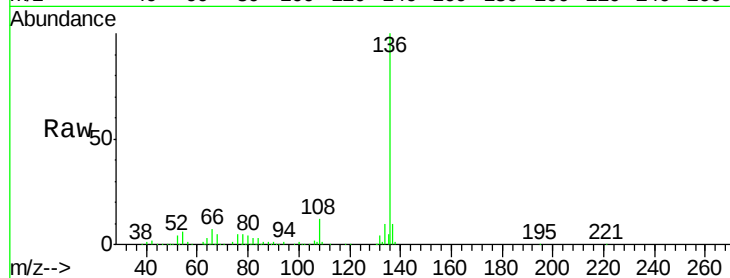




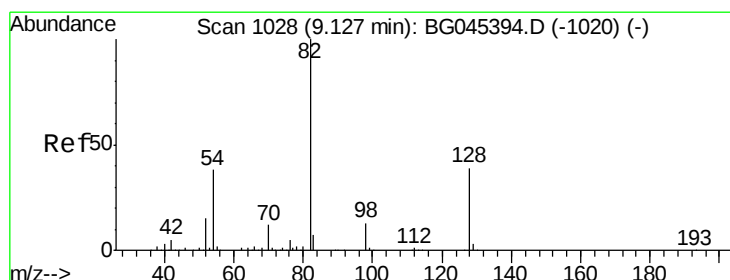
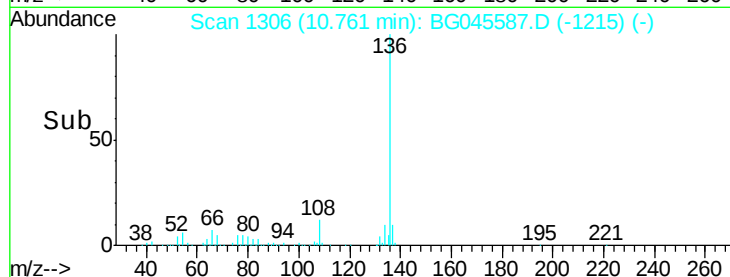
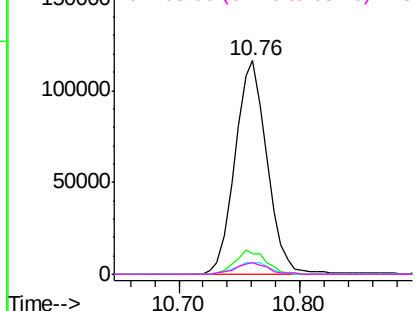
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 214607
Ion Ratio	Lower Upper
136 100	
137 9.9	9.4 14.2
54 5.7	5.8 8.6#
68 5.2	4.5 6.7

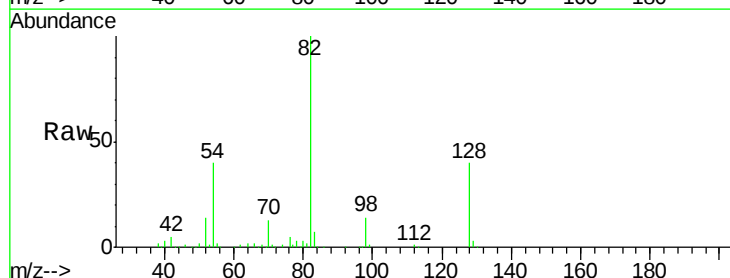


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

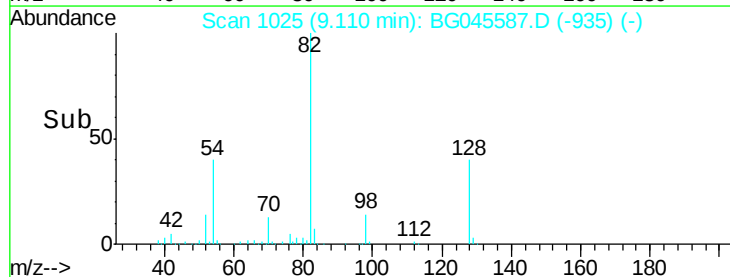
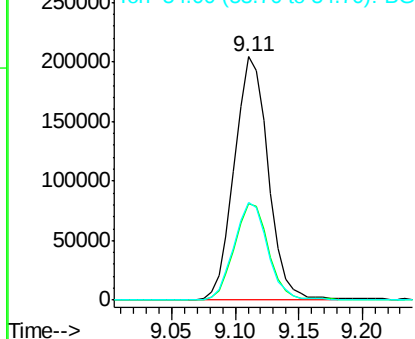


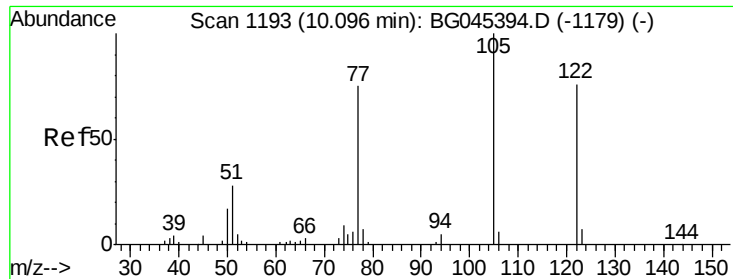
#23
Nitrobenzene-d5
Concen: 96.499 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Tgt Ion: 82	Resp: 379768
Ion Ratio	Lower Upper
82 100	
128 39.8	30.9 46.3
54 40.4	30.3 45.5



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





#32

Benzoic acid

Concen: 10.051 ng

RT: 10.58 min Scan# 1276

Delta R.T. 0.47 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

Instrument :

BNA_G

ClientSampleId :

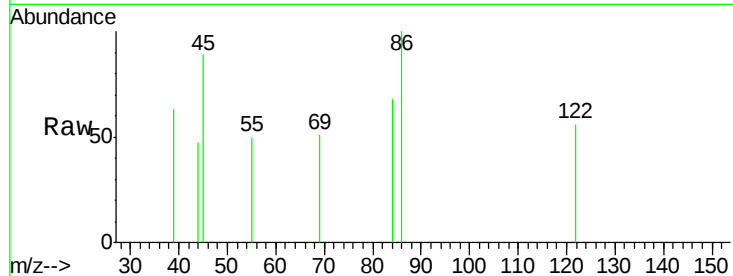
Tot Ion:122 Resp: 65

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

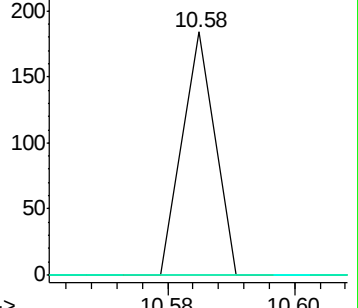
77 0.0 78.9 118.9#



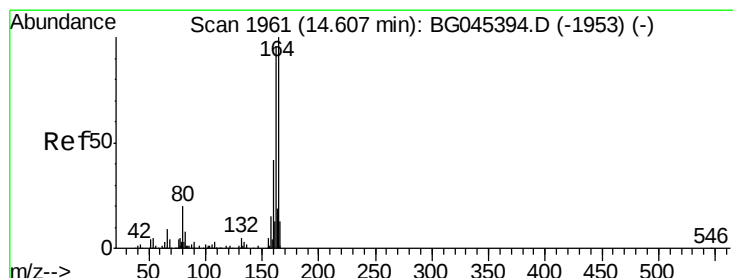
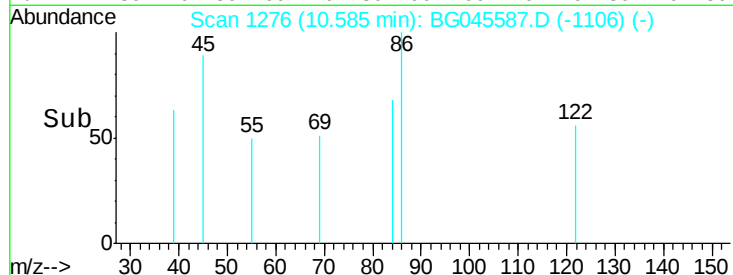
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

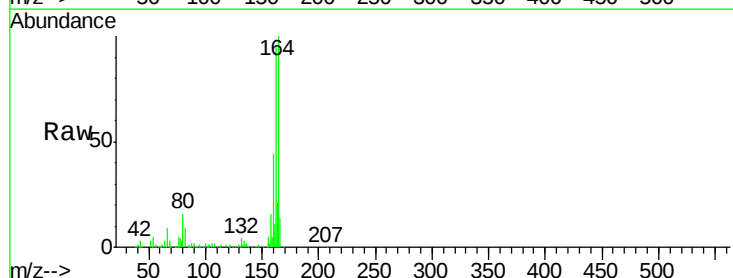
Tgt Ion:164 Resp: 149649

Ion Ratio Lower Upper

164 100

162 95.8 76.9 115.3

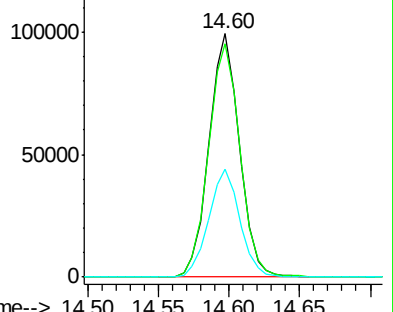
160 44.5 33.8 50.8



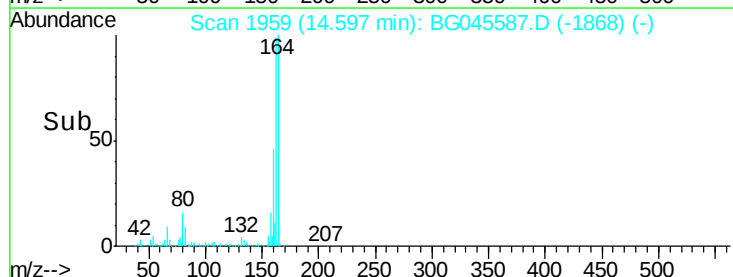
Abundance Ion 164.00 (163.70 to 164.70): E

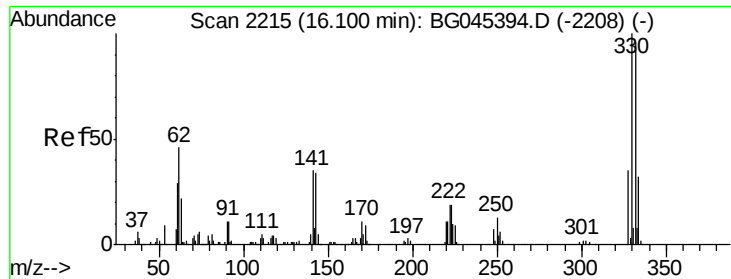
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

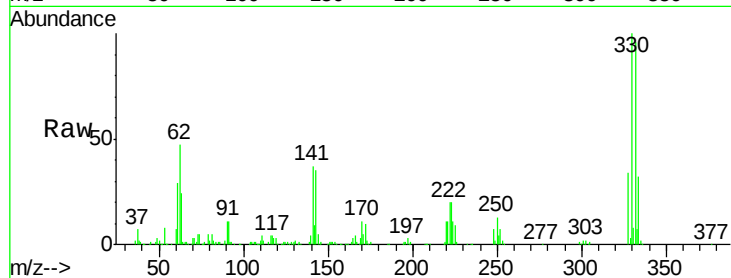




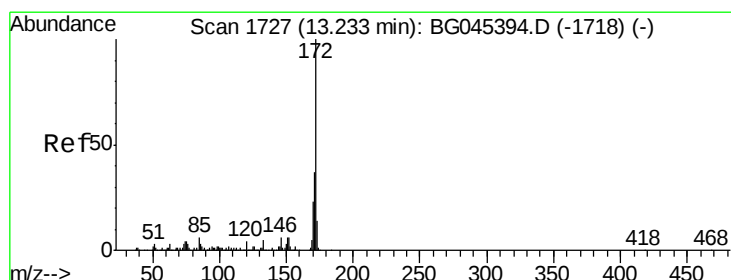
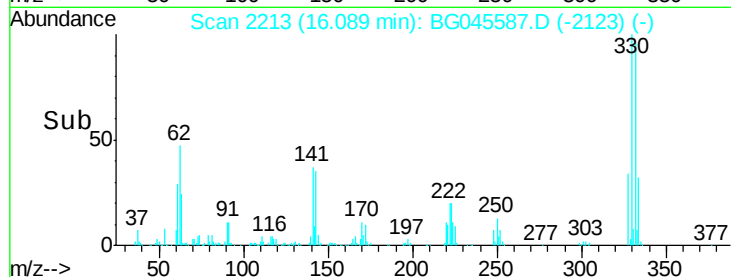
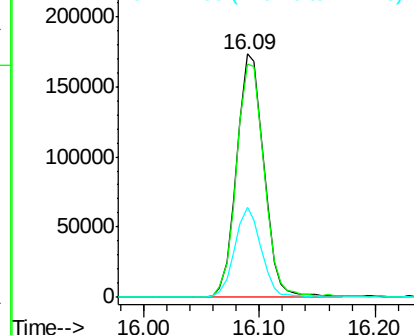
#42
 2,4,6-Tribromophenol
 Concen: 148.524 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045587.D
 Acq: 3 Jun 2020 19:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.2	117.4
141	35.8	28.2	42.4

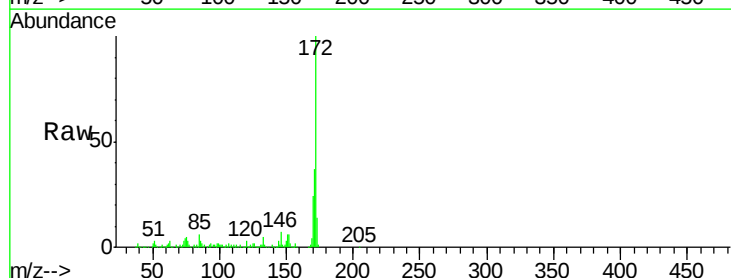


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

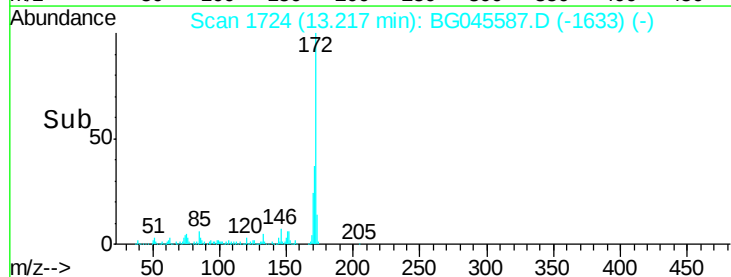
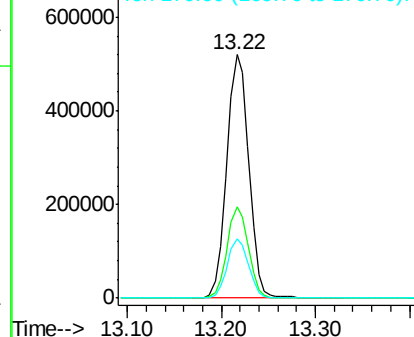


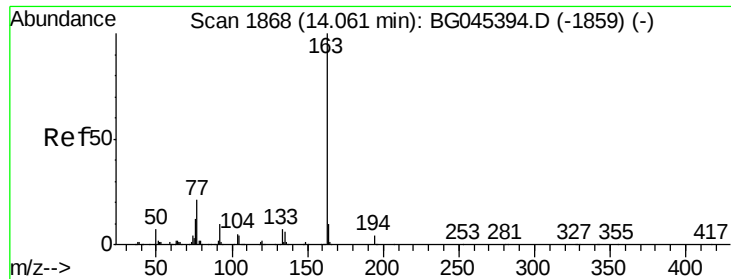
#45
 2-Fluorobiphenyl
 Concen: 96.708 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045587.D
 Acq: 3 Jun 2020 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	24.3	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

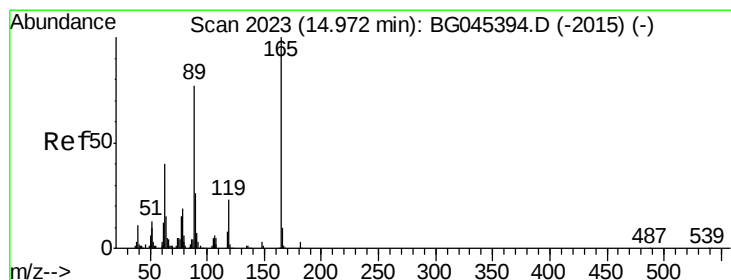
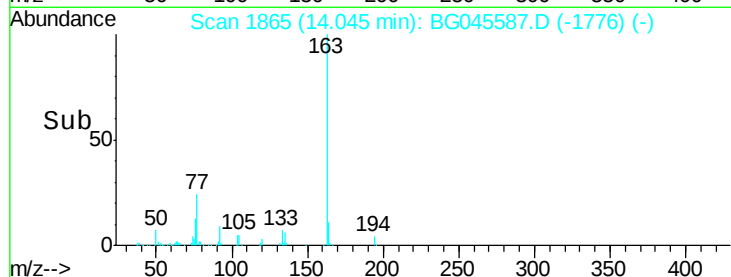
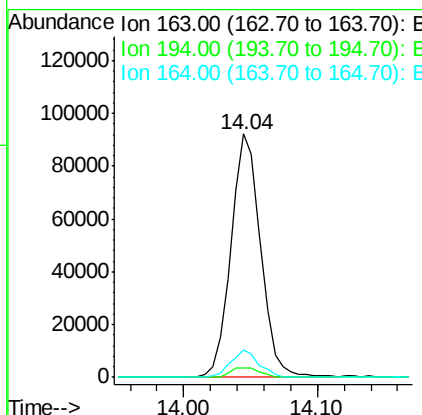
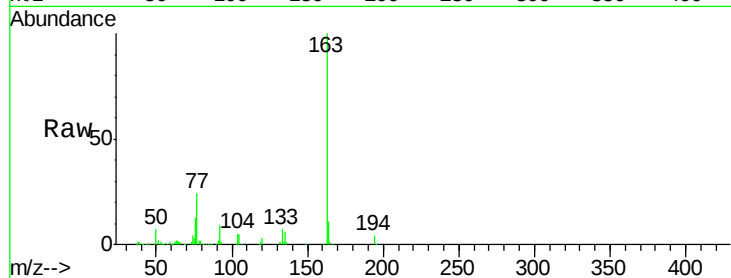




#50
Dimethylphthalate
Concen: 13.900 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

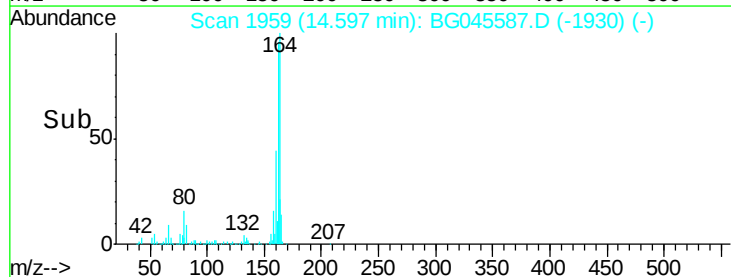
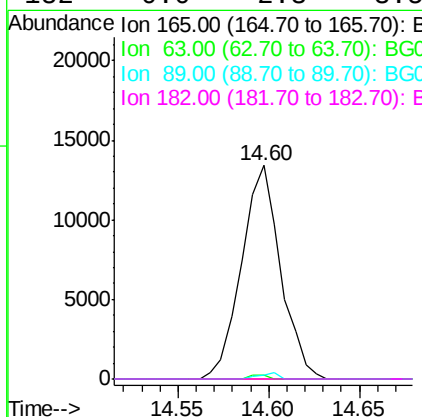
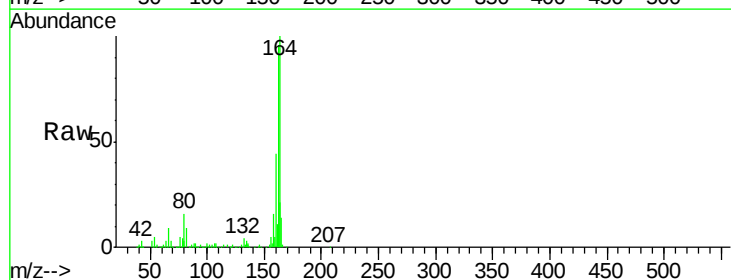
Instrument :
BNA_G
ClientSampleId :

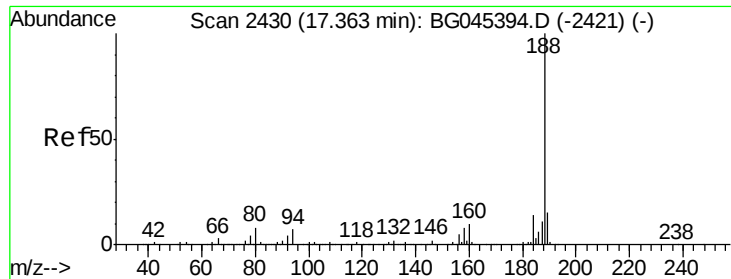
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	11.4	8.3	12.5



#57
2,4-Dinitrotoluene
Concen: 5.972 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.36 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.5	48.7#
89	1.7	61.8	92.6#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

Instrument :

BNA_G

ClientSampled :

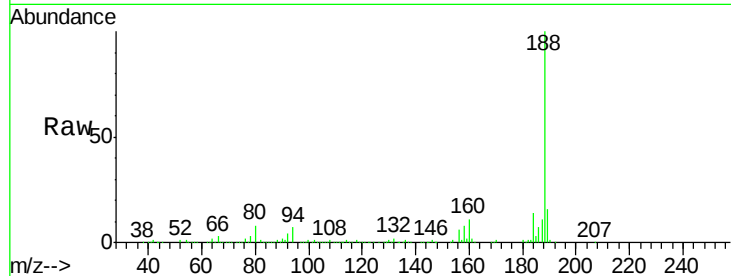
Tot Ion:188 Resp: 357245

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

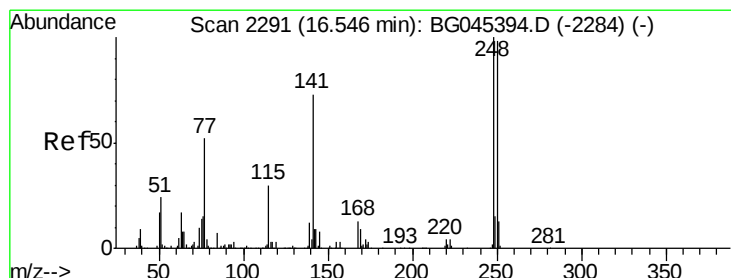
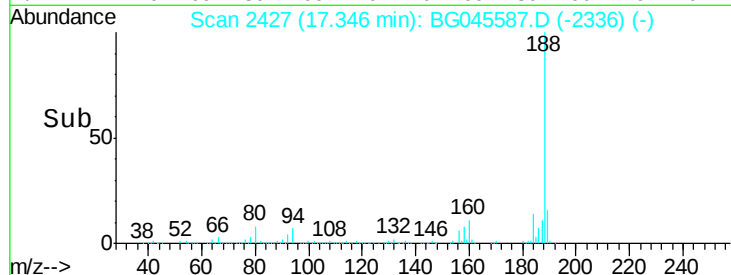
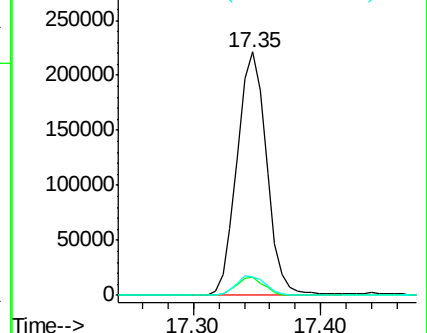
80 7.5 6.6 10.0



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: 5.062 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.44 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

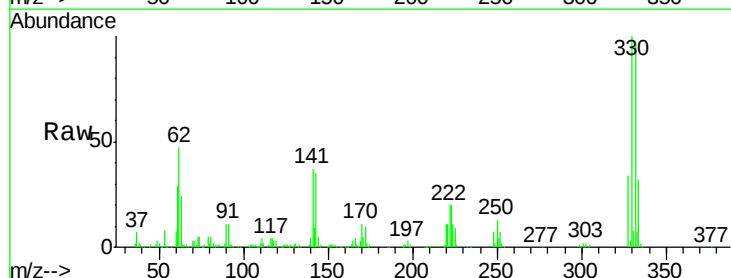
Tgt Ion:248 Resp: 19582

Ion Ratio Lower Upper

248 100

250 193.5 78.6 117.8#

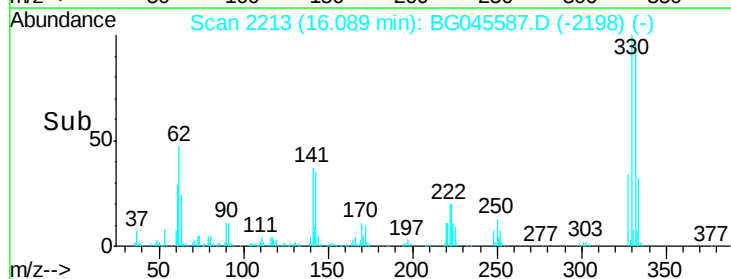
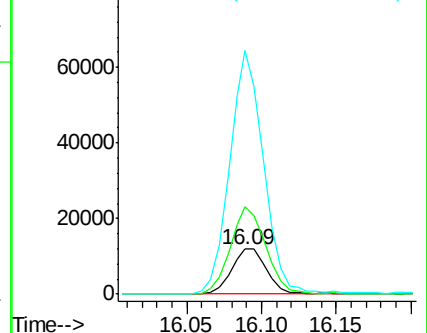
141 539.2 58.2 87.2#

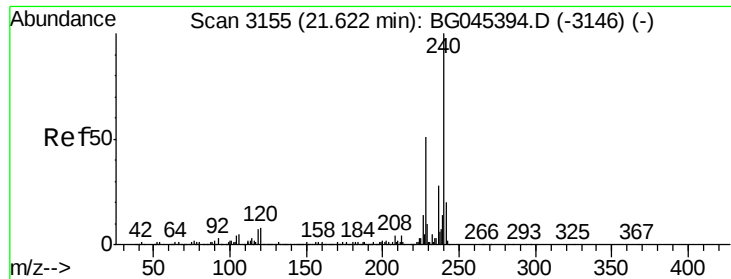


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

Instrument :

BNA_G

ClientSampled :

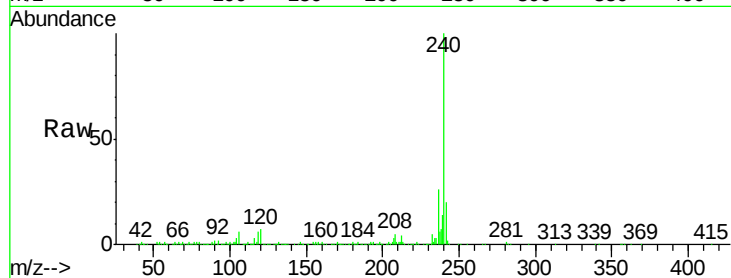
Tot Ion:240 Resp: 376351

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

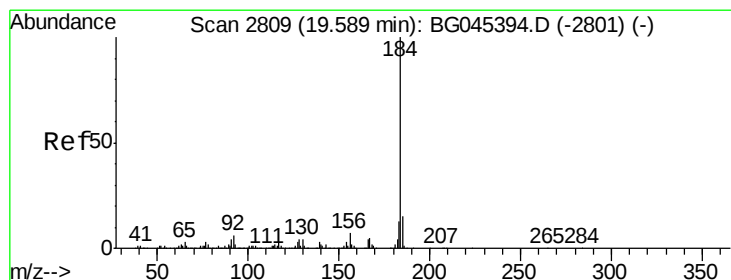
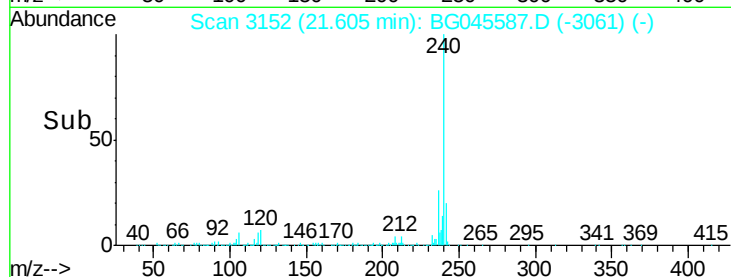
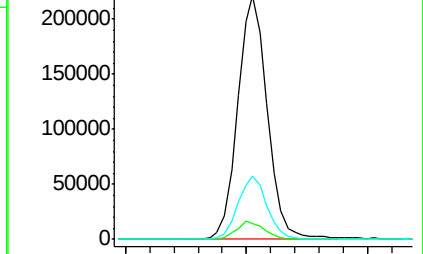
236 25.9 22.3 33.5



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: 3.094 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

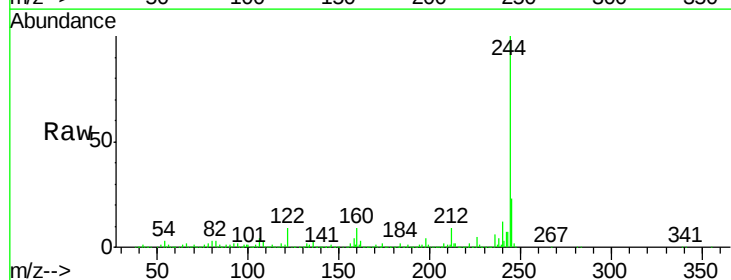
Tgt Ion:184 Resp: 32707

Ion Ratio Lower Upper

184 100

185 16.4 11.7 17.5

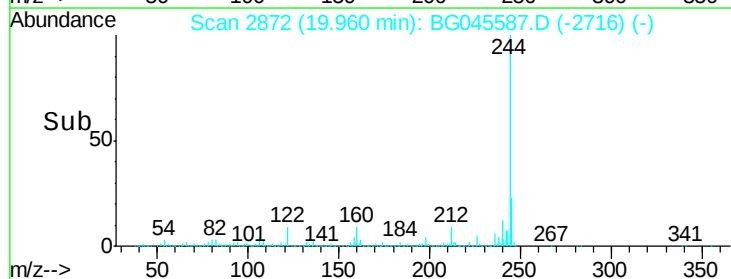
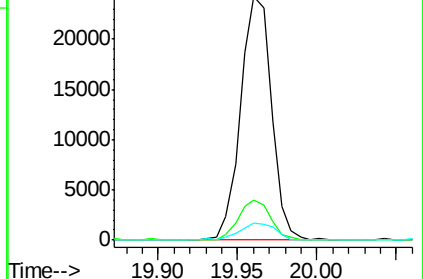
183 7.0 10.2 15.4#

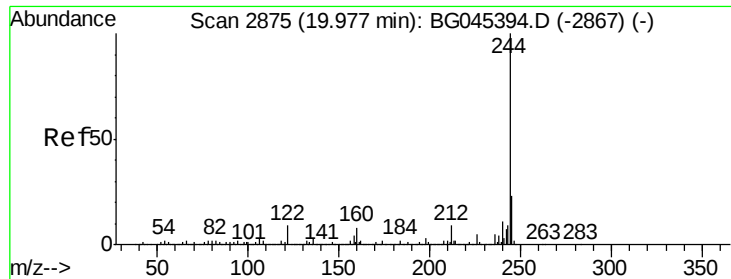


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 104.138 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

Instrument :

BNA_G

ClientSampleId :

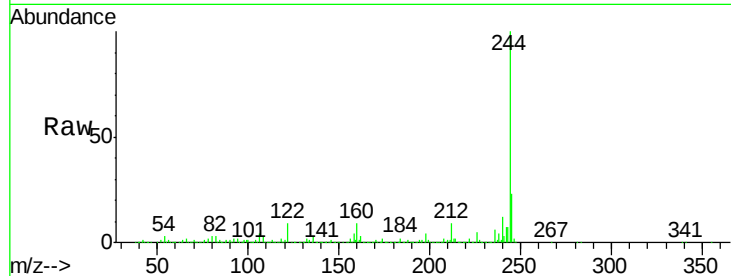
Tot Ion:244 Resp: 1680425

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

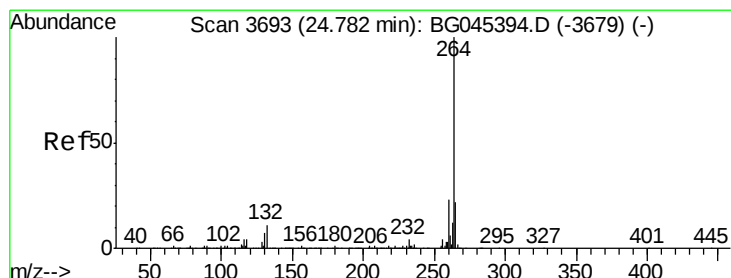
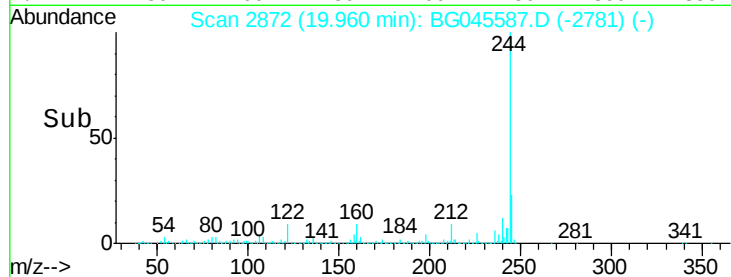
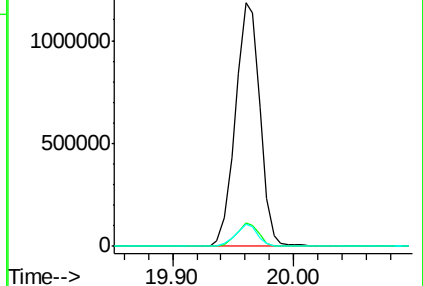
122 9.0 6.8 10.2



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: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

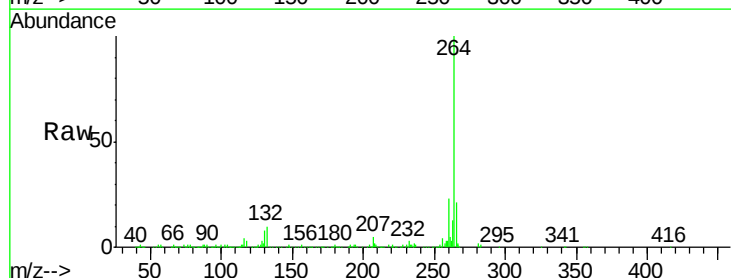
Tgt Ion:264 Resp: 410266

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.2 17.6 26.4



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

