

Data File : BG045544.D
Acq On : 30 May 2020 7:22
Operator : CG/JU
Sample : L2790-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1-D

Quant Time: May 30 07:58:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

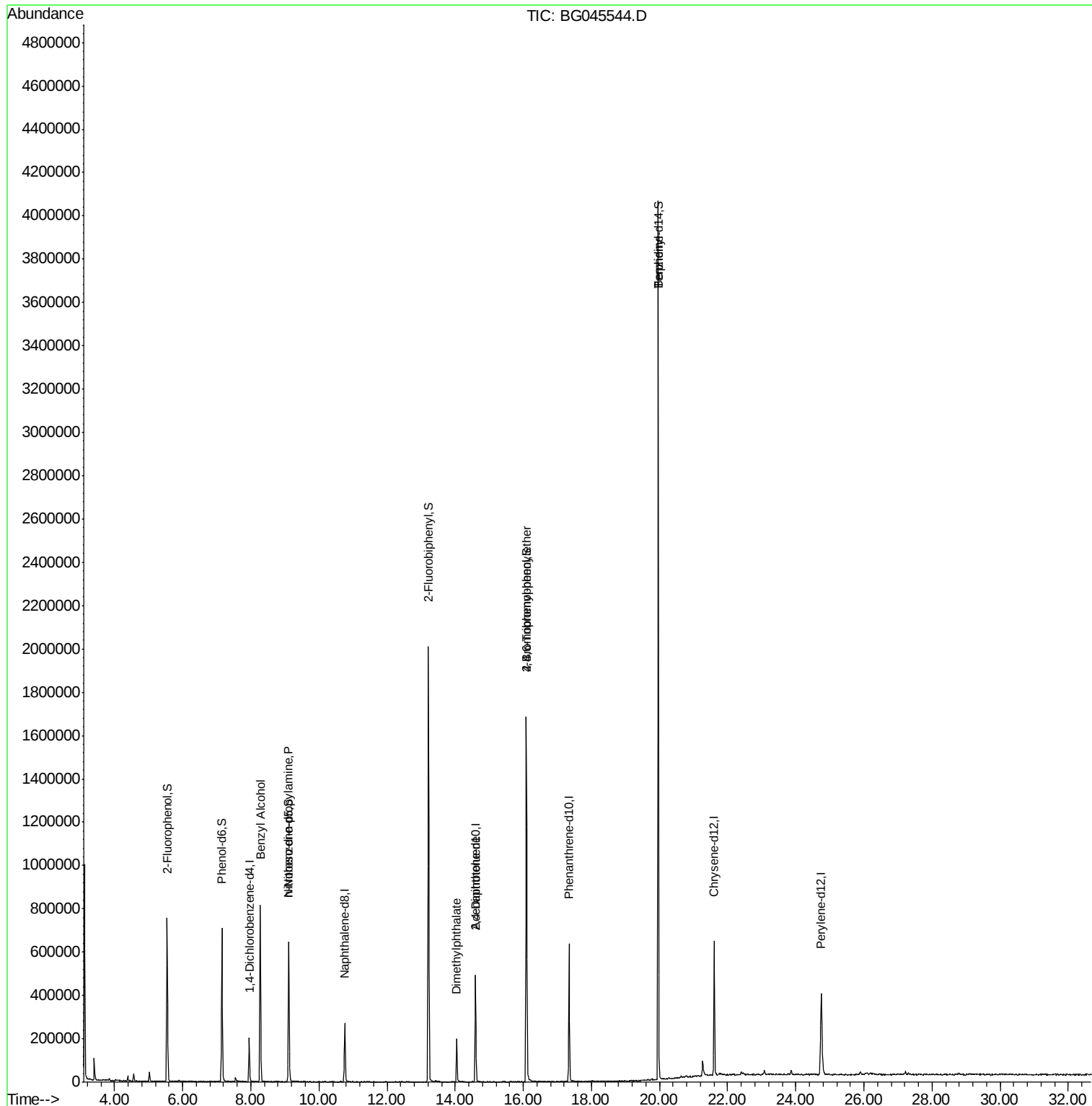
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62243	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	248833	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	182402	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	427018	20.00	ng	0.00
76) Chrysene-d12	21.60	240	409778	20.00	ng	-0.01
87) Perylene-d12	24.75	264	447389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	380342	119.42	ng	0.00
7) Phenol-d6	7.15	99	476300	105.07	ng	-0.01
23) Nitrobenzene-d5	9.11	82	465145	101.94	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	366157	156.97	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1086753	101.06	ng	0.00
79) Terphenyl-d14	19.96	244	1898124	108.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	7560	2.019	ng	# 54
19) n-Nitroso-di-n-propylamine	9.12	70	63242	20.175	ng	# 81
50) Dimethylphthalate	14.05	163	144561	11.553	ng	# 99
57) 2,4-Dinitrotoluene	14.60	165	24184	5.914	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	25620	5.541	ng	# 1
77) Benzidine	19.96	184	36319	3.156	ng	# 93

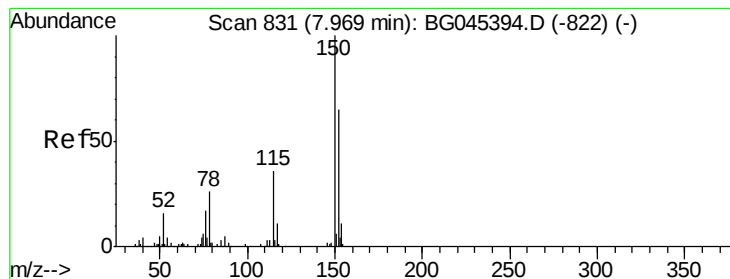
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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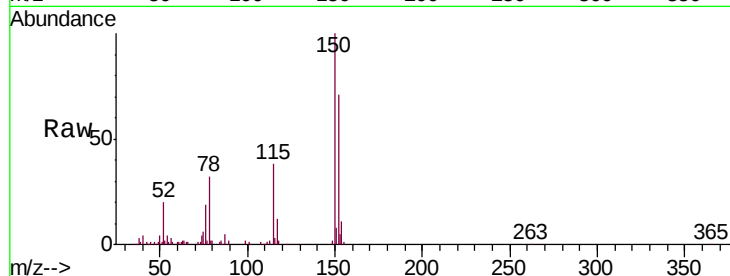


#1

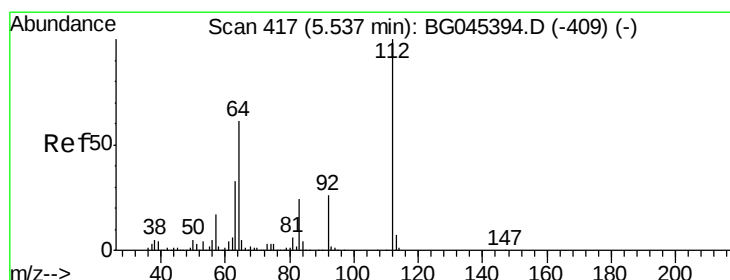
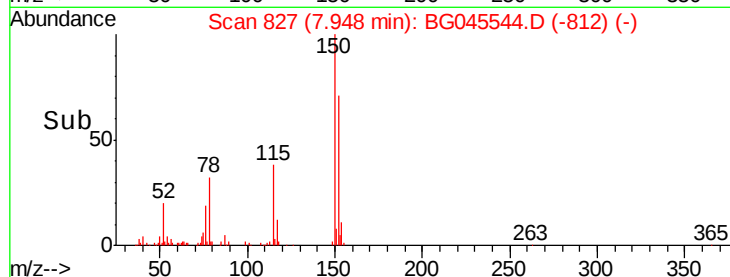
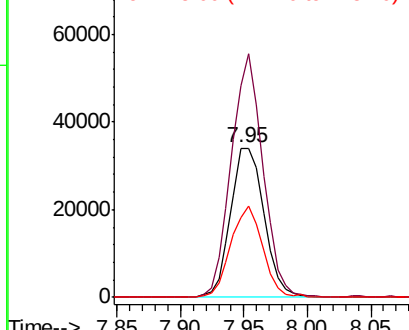
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045544.D
Acq: 30 May 2020 7:22

Instrument :
BNA_G
ClientSampleId :
SB-1-D

Tgt Ion:152 Resp: 62243
Ion Ratio Lower Upper
152 100
150 141.8 122.4 183.6
115 53.2 44.2 66.4



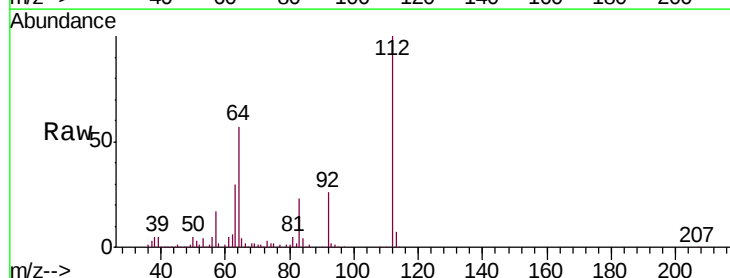
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



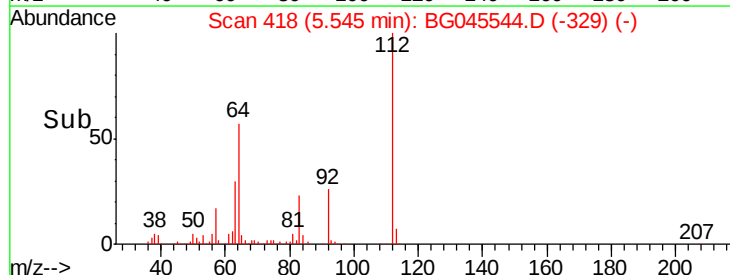
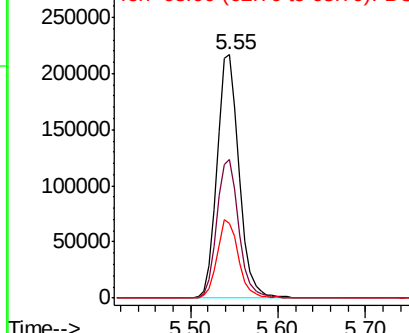
#5

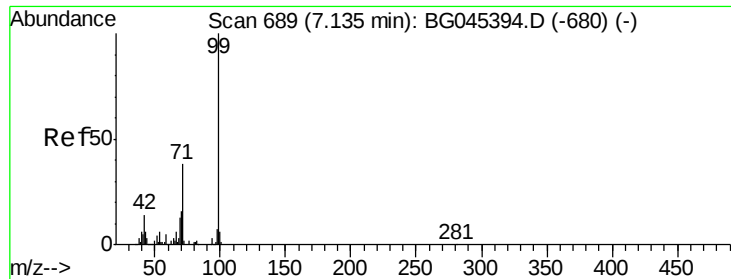
2-Fluorophenol
Concen: 119.419 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045544.D
Acq: 30 May 2020 7:22

Tgt Ion:112 Resp: 380342
Ion Ratio Lower Upper
112 100
64 57.0 48.6 72.8
63 30.5 26.5 39.7



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: 105.071 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Instrument :

BNA_G

ClientSampleId :

SB-1-D

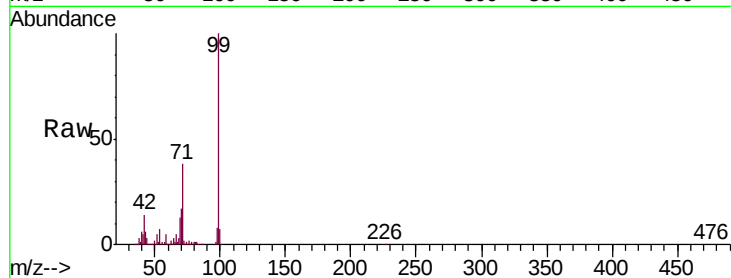
Tgt Ion: 99 Resp: 476300

Ion Ratio Lower Upper

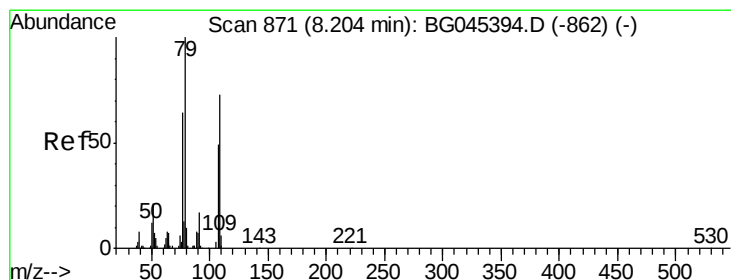
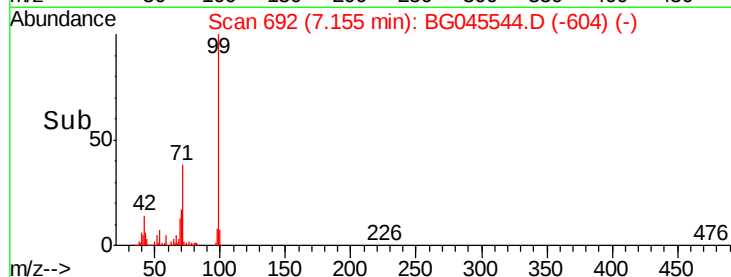
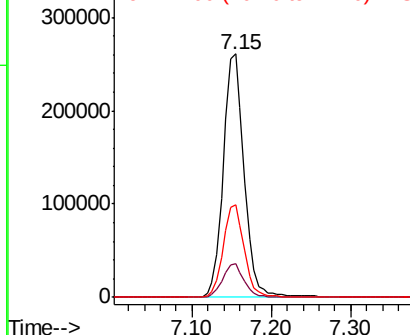
99 100

42 14.1 11.3 16.9

71 38.0 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.019 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.07 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

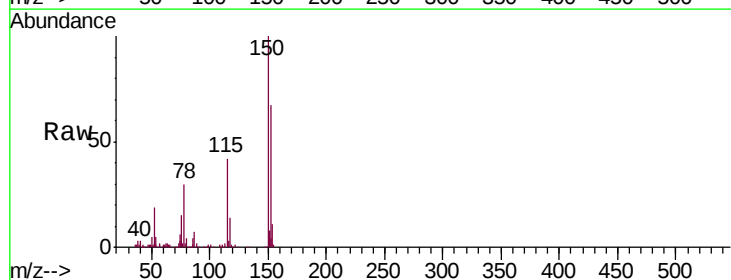
Tgt Ion: 79 Resp: 7560

Ion Ratio Lower Upper

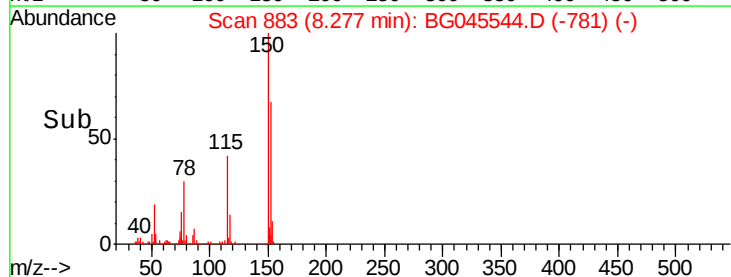
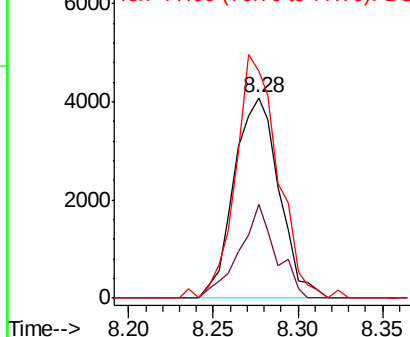
79 100

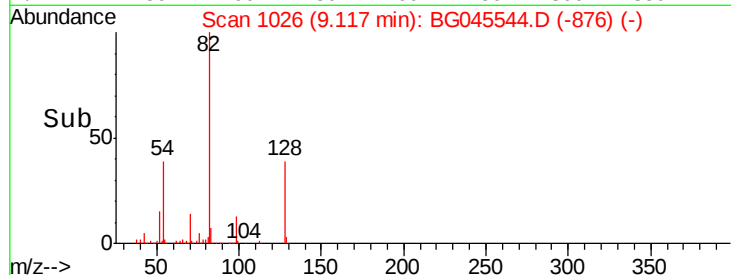
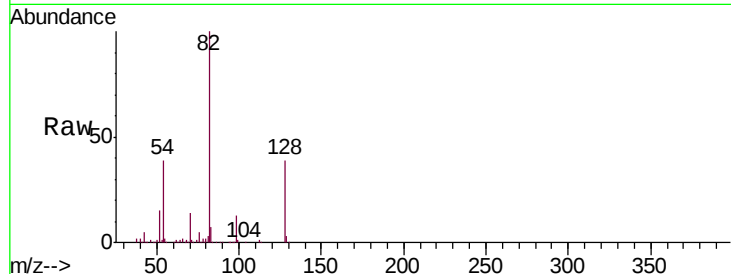
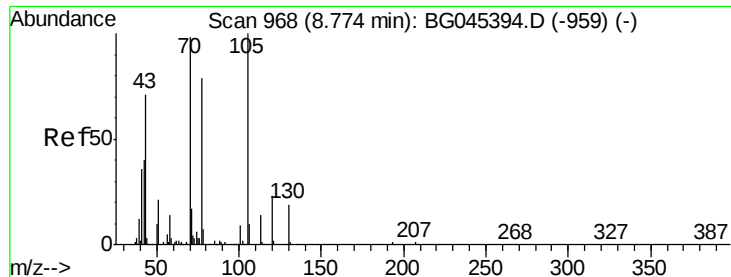
108 46.6 58.2 87.4#

77 113.1 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

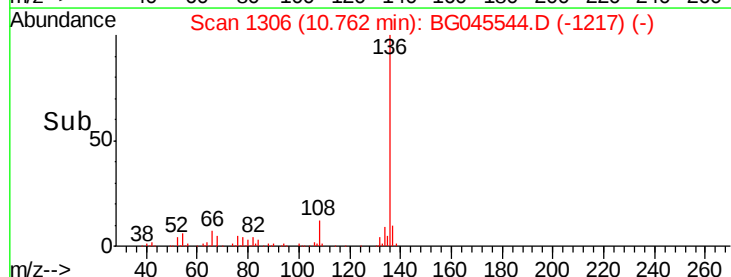
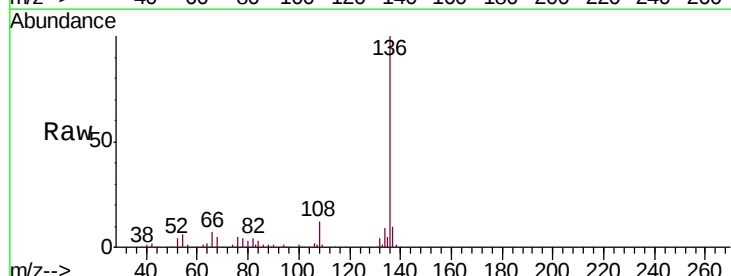
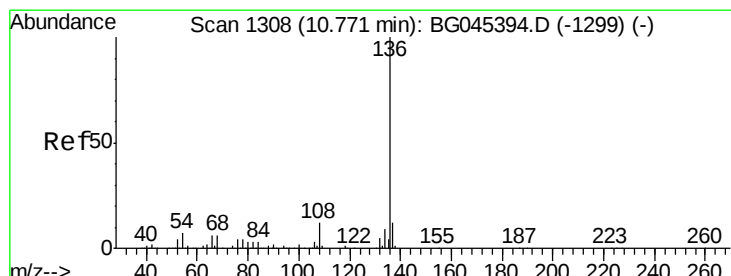
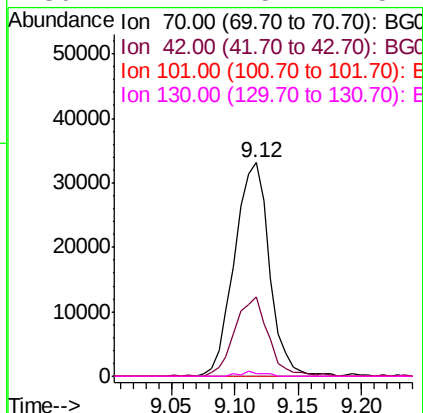




#19
n-Nitroso-di-n-propylamine
Concen: 20.175 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG045544.D
Acq: 30 May 2020 7:22

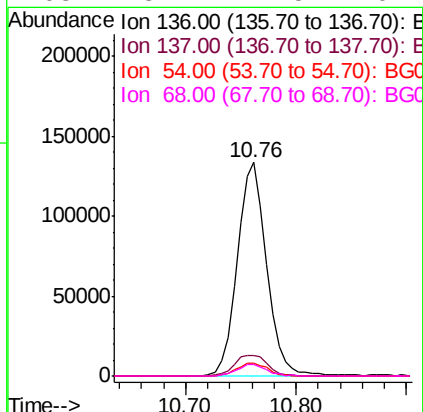
Instrument :
BNA_G
ClientSampleId :
SB-1-D

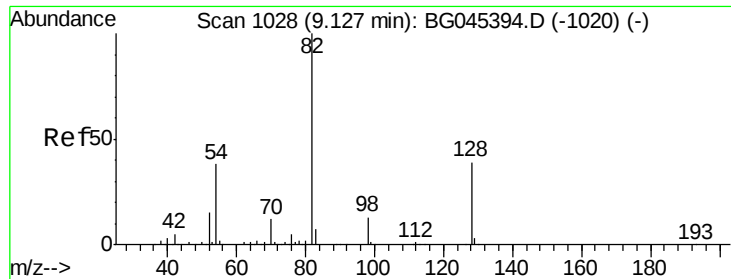
Tgt Ion	Ratio	Lower	Upper
70	100		
42	37.3	33.2	49.8
101	0.0	7.8	11.6#
130	1.1	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045544.D
Acq: 30 May 2020 7:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.4	14.2
54	5.9	5.8	8.6
68	5.4	4.5	6.7

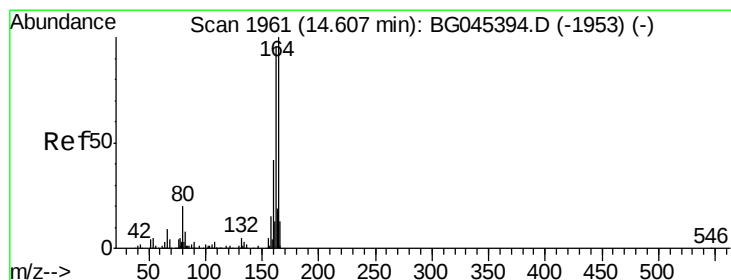
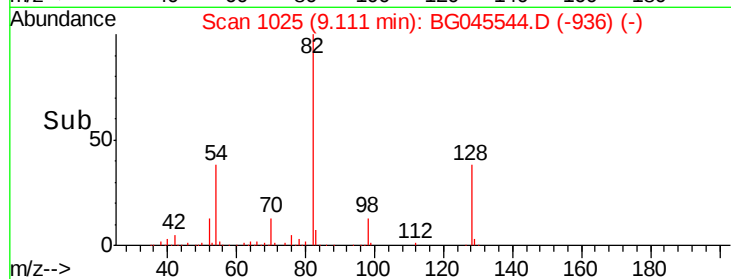
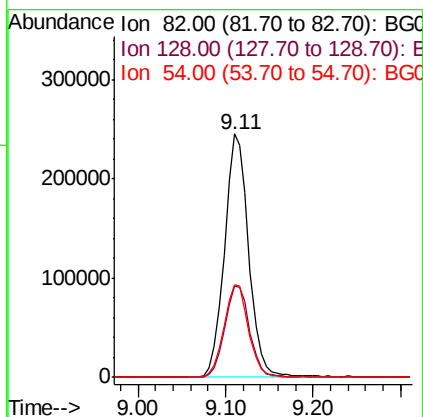
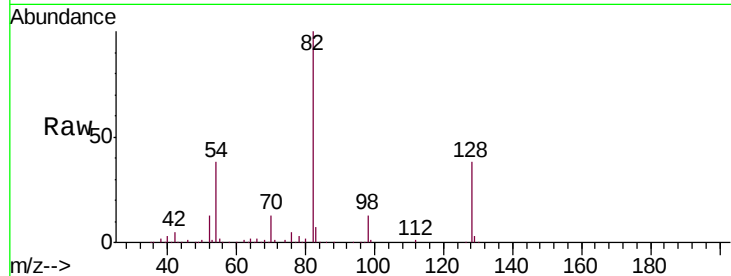




#23
Nitrobenzene-d5
Concen: 101.936 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045544.D
Acq: 30 May 2020 7:22

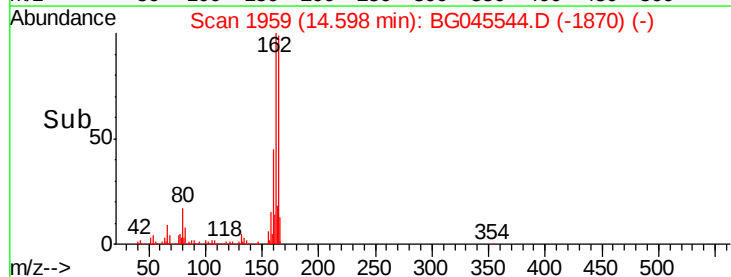
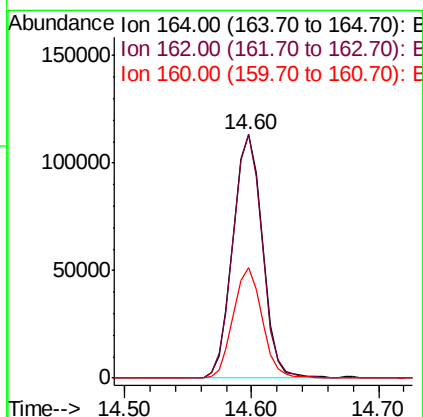
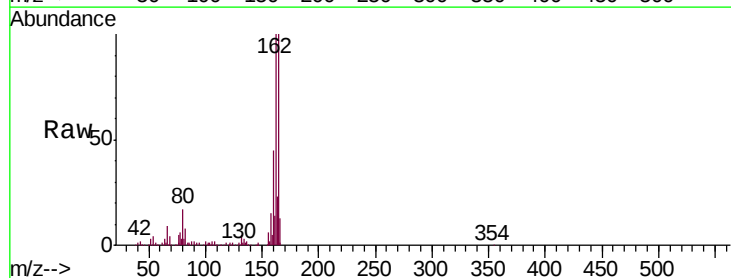
Instrument :
BNA_G
ClientSampleId :
SB-1-D

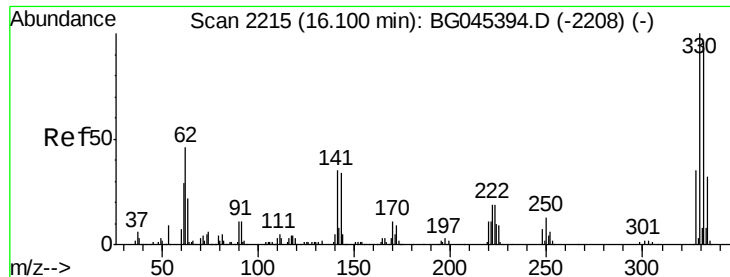
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.9	46.3
54	38.1	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045544.D
Acq: 30 May 2020 7:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	76.9	115.3
160	45.5	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 156.966 ng

RT: 16.10 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Instrument :

BNA_G

ClientSampleId :

SB-1-D

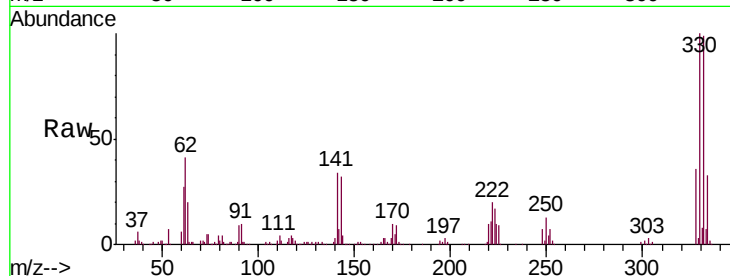
Tgt Ion:330 Resp: 366157

Ion Ratio Lower Upper

330 100

332 99.5 78.2 117.4

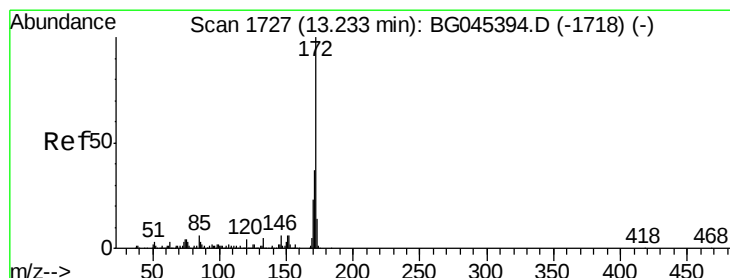
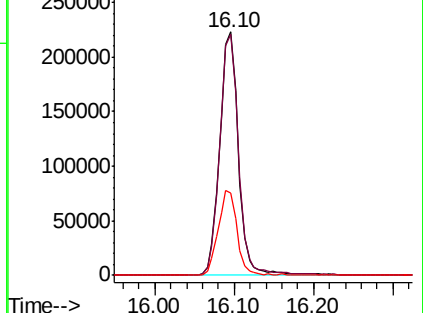
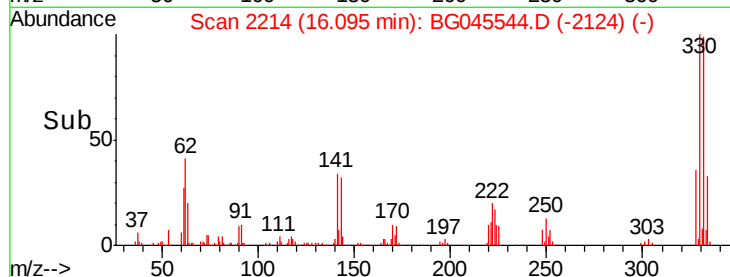
141 34.7 28.2 42.4



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: 101.060 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

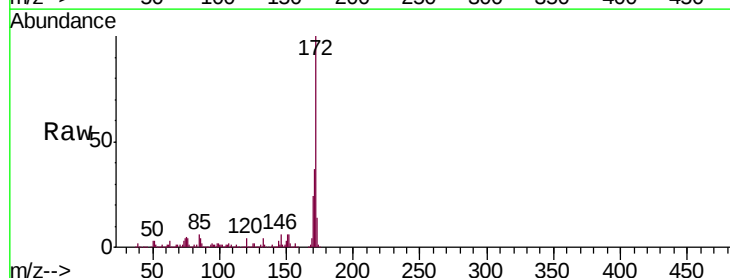
Tgt Ion:172 Resp: 1086753

Ion Ratio Lower Upper

172 100

171 37.4 29.5 44.3

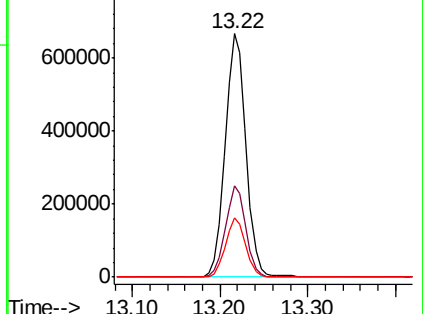
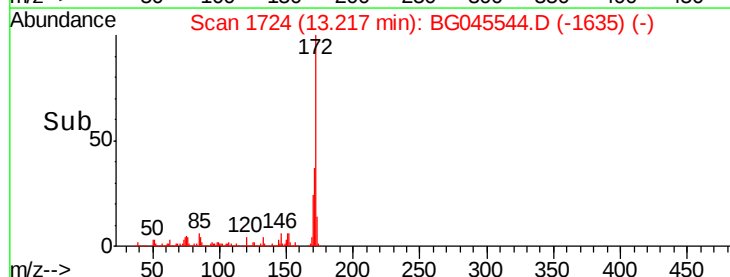
170 24.3 18.5 27.7

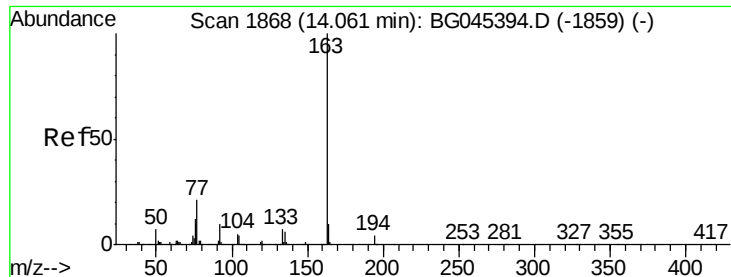


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.553 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Instrument :

BNA_G

ClientSampleId :

SB-1-D

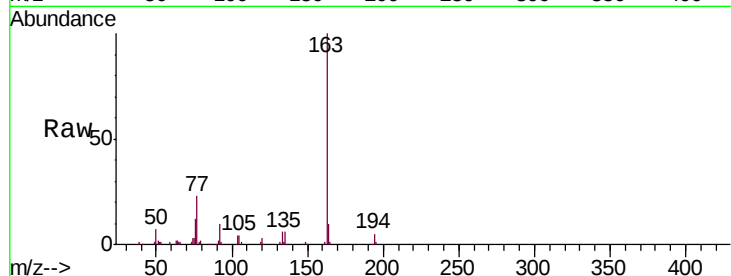
Tgt Ion:163 Resp: 144561

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

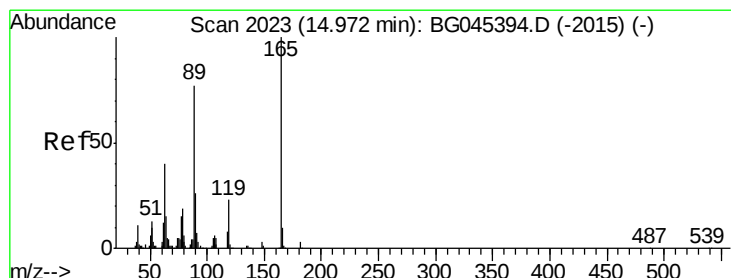
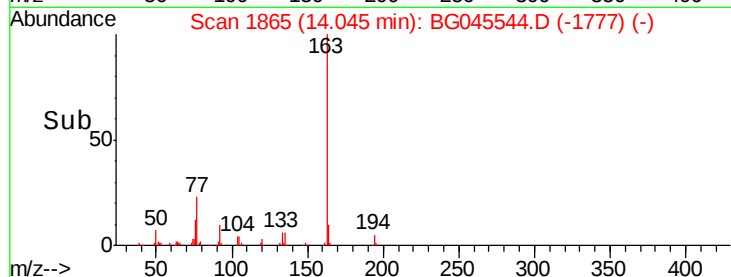
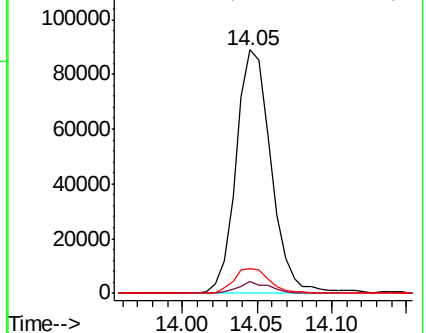
164 10.1 8.3 12.5



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: 5.914 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.37 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Tgt Ion:165 Resp: 24184

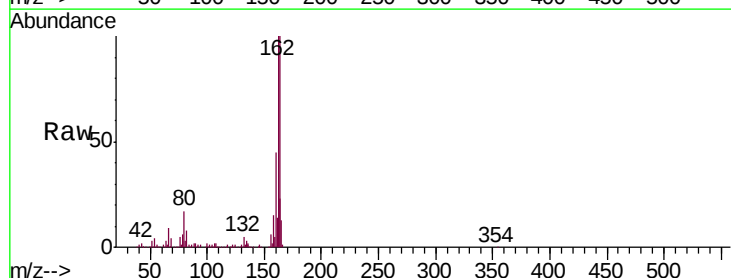
Ion Ratio Lower Upper

165 100

63 1.7 32.5 48.7#

89 0.0 61.8 92.6#

182 0.0 2.3 3.5#

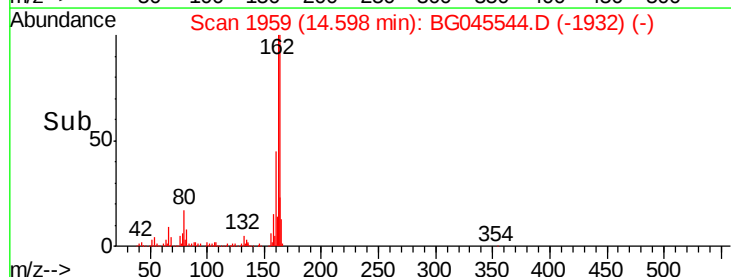
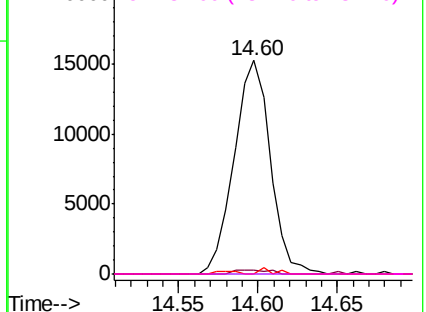


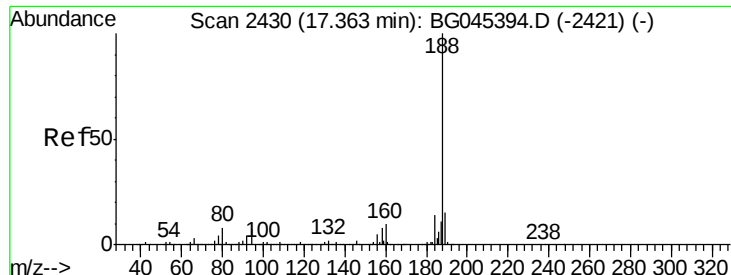
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Instrument :

BNA_G

ClientSampleId :

SB-1-D

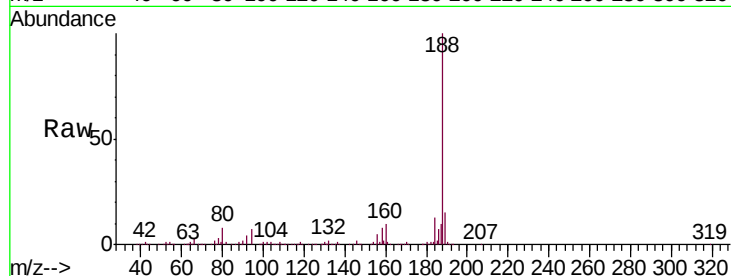
Tgt Ion:188 Resp: 427018

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

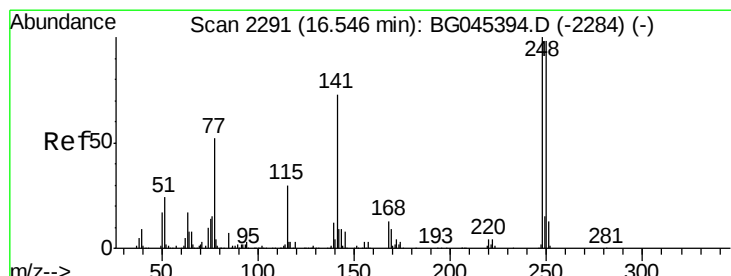
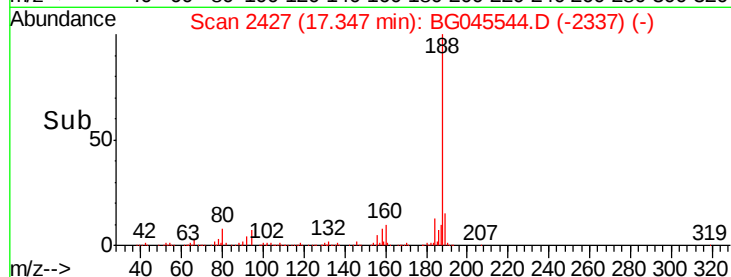
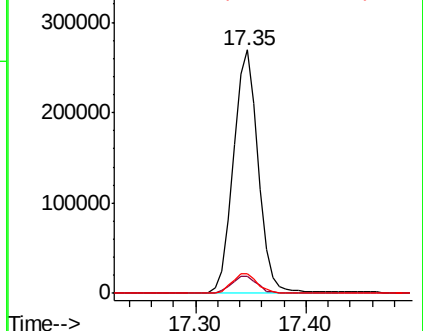
80 7.9 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.541 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.45 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

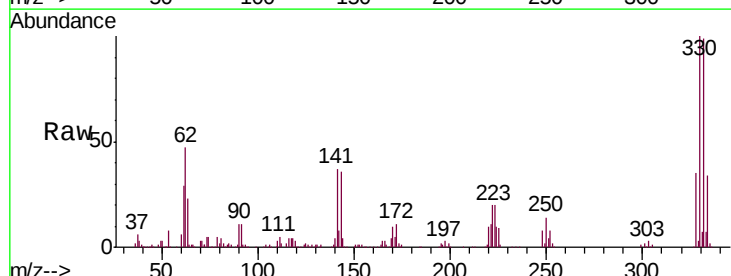
Tgt Ion:248 Resp: 25620

Ion Ratio Lower Upper

248 100

250 179.0 78.6 117.8#

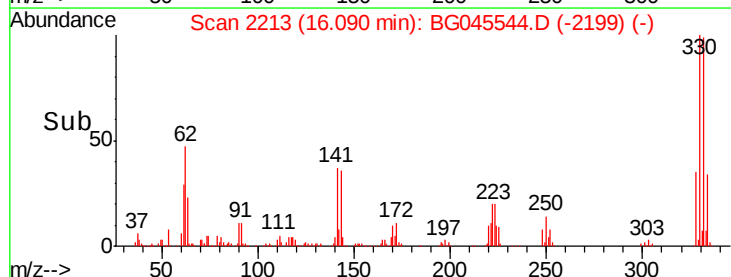
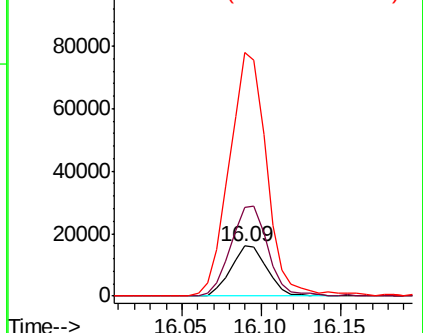
141 487.9 58.2 87.2#

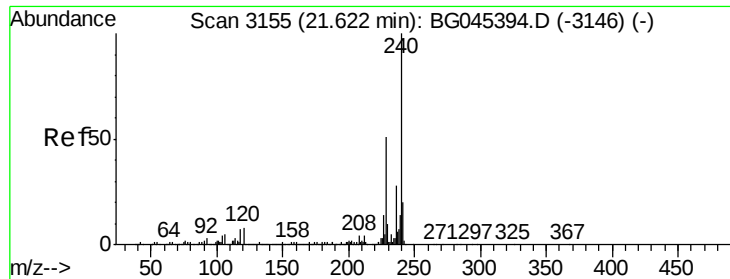


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

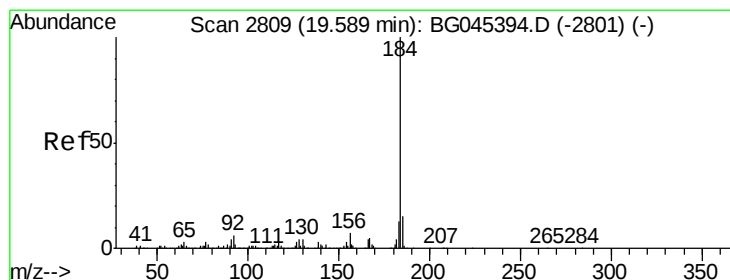
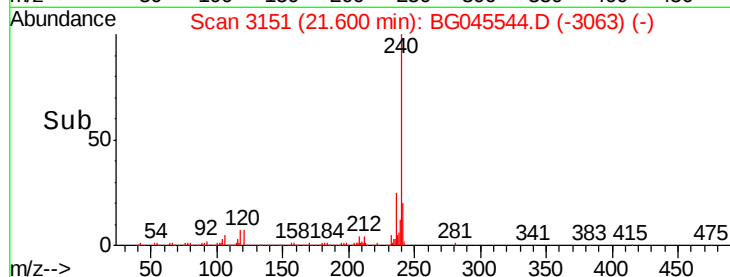
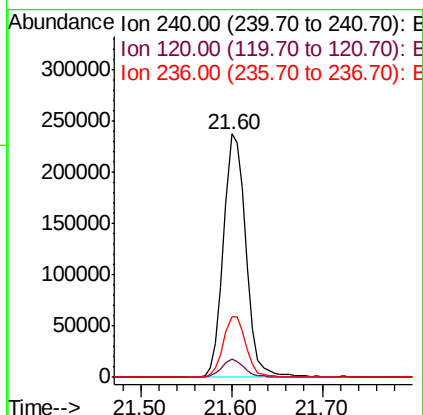
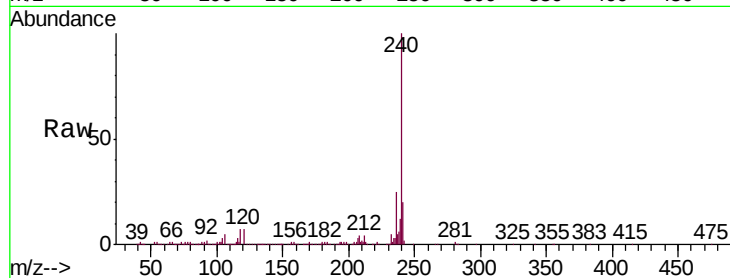




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045544.D
Acq: 30 May 2020 7:22

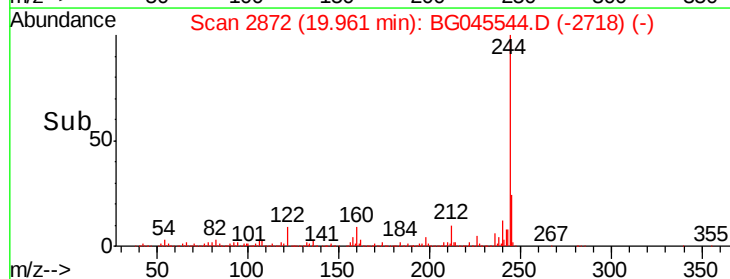
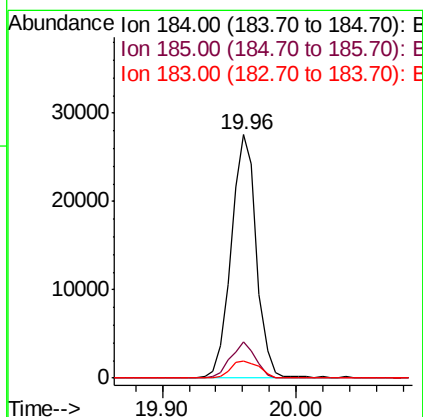
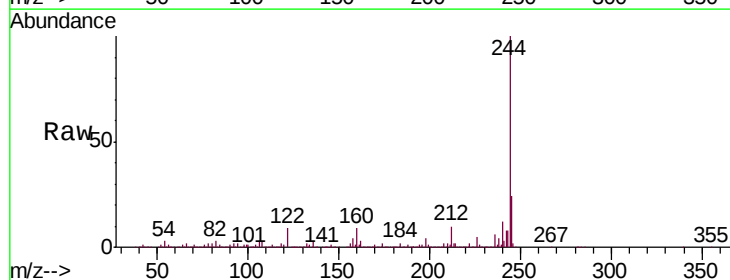
Instrument :
BNA_G
ClientSampleId :
SB-1-D

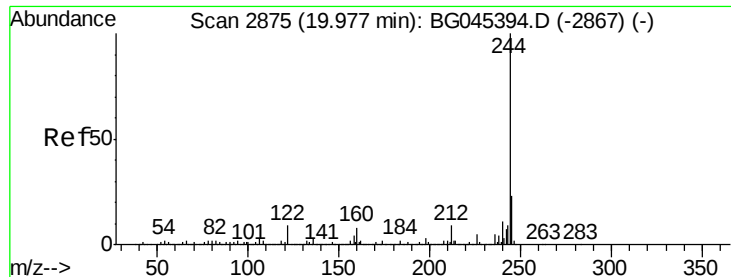
Tgt Ion:240 Resp: 409778
Ion Ratio Lower Upper
240 100
120 7.3 6.1 9.1
236 25.0 22.3 33.5



#77
Benzidine
Concen: 3.156 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.38 min
Lab File: BG045544.D
Acq: 30 May 2020 7:22

Tgt Ion:184 Resp: 36319
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 7.2 10.2 15.4#





#79

Terphenyl-d14

Concen: 108.034 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Instrument :

BNA_G

ClientSampleId :

SB-1-D

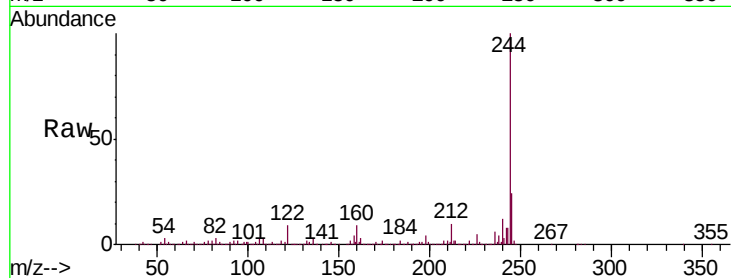
Tgt Ion:244 Resp: 1898124

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

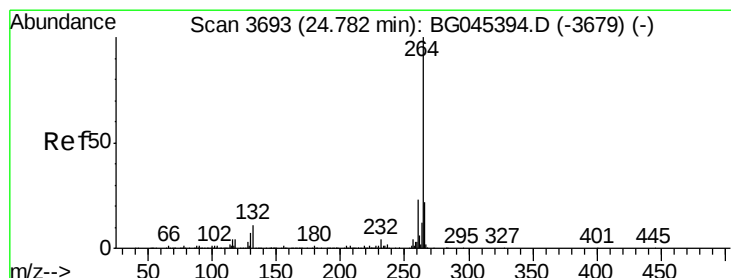
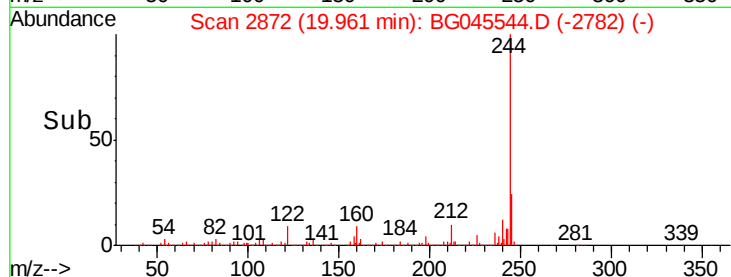
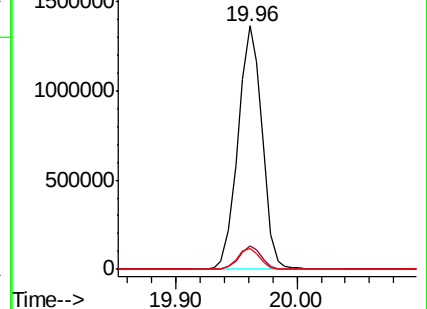
122 8.7 6.8 10.2



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# 3687

Delta R.T. -0.01 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

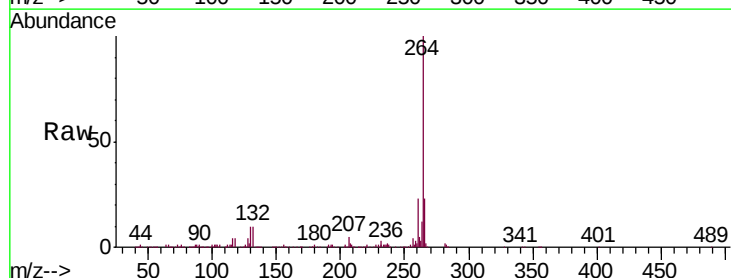
Tgt Ion:264 Resp: 447389

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 22.9 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

