

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045545.D
 Acq On : 30 May 2020 8:02
 Operator : CG/JU
 Sample : L2790-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-S

Quant Time: May 31 22:45:35 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

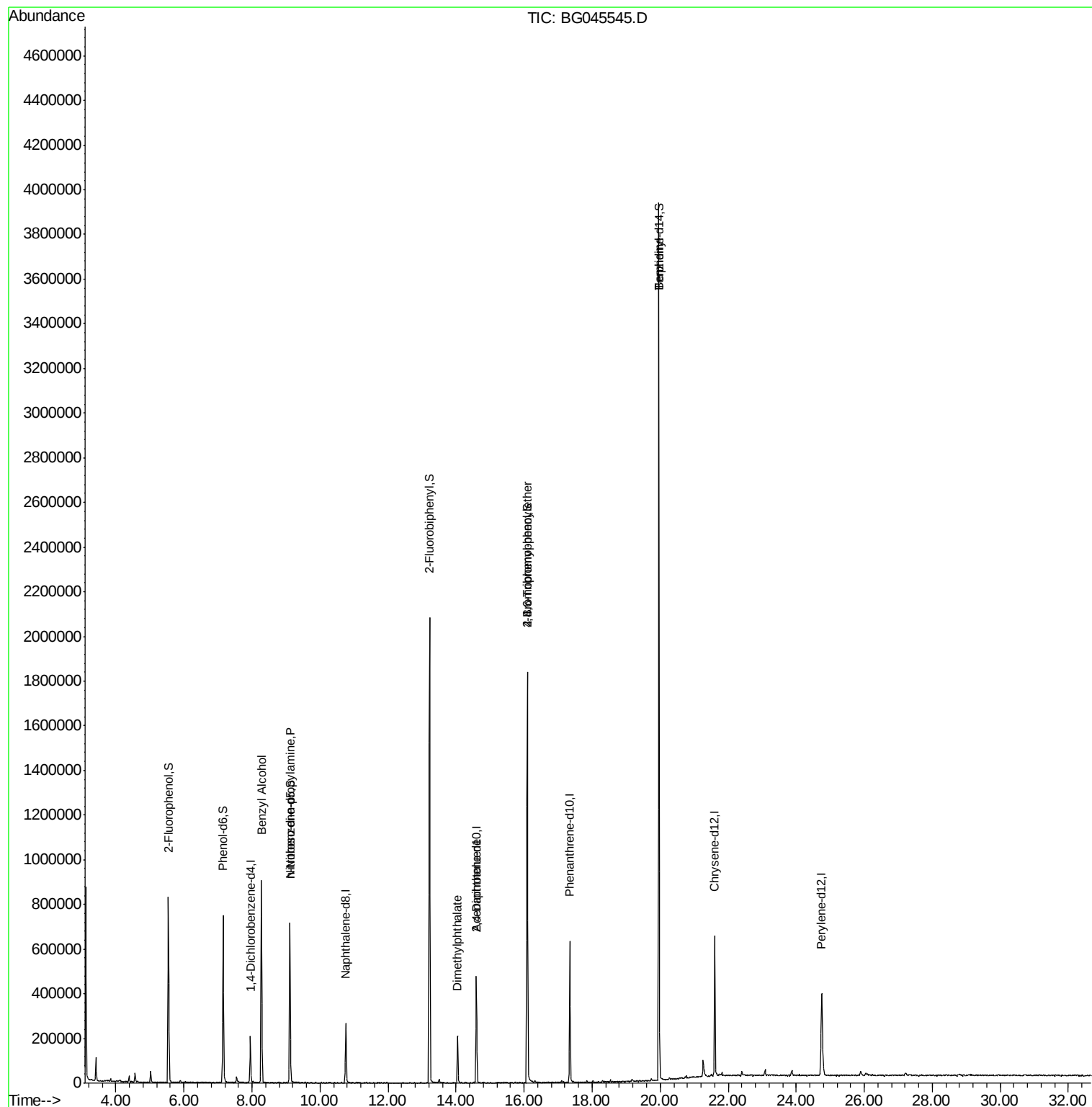
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61833	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	244303	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	181541	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	420348	20.00	ng	0.00
76) Chrysene-d12	21.60	240	395185	20.00	ng	0.00
87) Perylene-d12	24.75	264	431608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	402229	127.13	ng	0.00
7) Phenol-d6	7.15	99	499118	110.84	ng	-0.01
23) Nitrobenzene-d5	9.11	82	505079	112.74	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	389565	167.79	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1181508	110.39	ng	0.00
79) Terphenyl-d14	19.96	244	1975404	116.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	7782	2.092	ng	# 54
19) n-Nitroso-di-n-propylamine	9.11	70	69717	22.388	ng	# 82
50) Dimethylphthalate	14.05	163	152003	12.206	ng	# 99
57) 2,4-Dinitrotoluene	14.60	165	24234	5.955	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	27117	5.958	ng	# 1
77) Benzidine	19.96	184	37601	3.388	ng	# 91

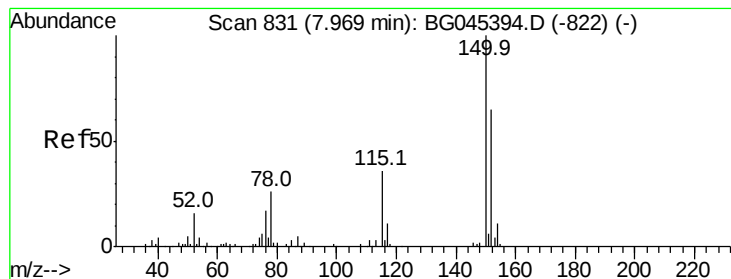
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

Instrument :

BNA_G

ClientSampleId :

SB-3-S

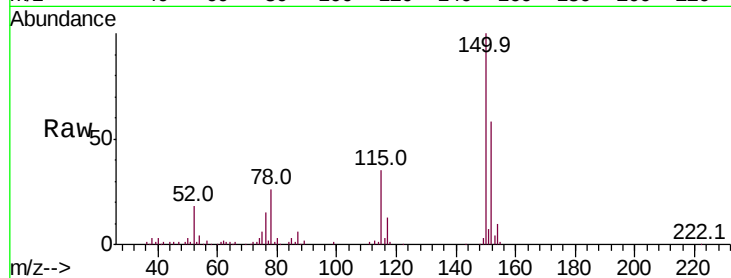
Tot Ion:152 Resp: 61833

Ion Ratio Lower Upper

152 100

150 171.8 122.4 183.6

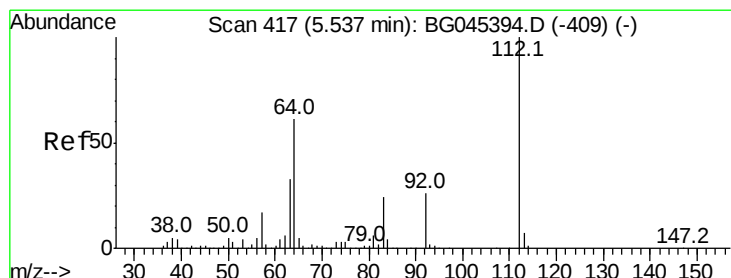
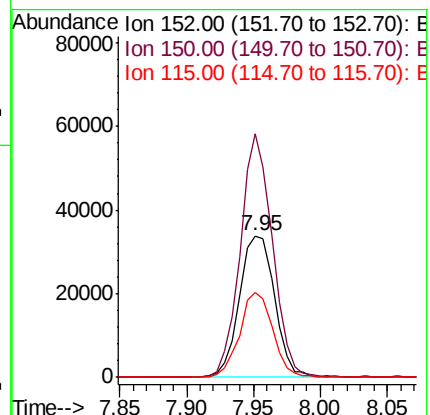
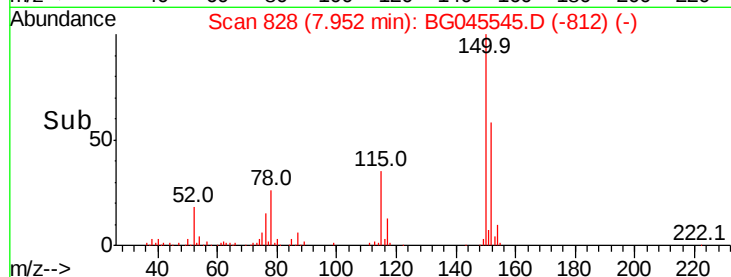
115 59.6 44.2 66.4



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: 127.129 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

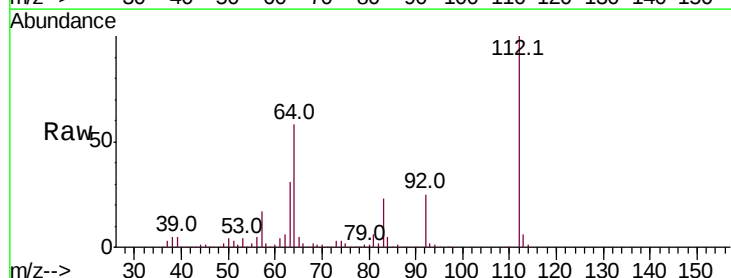
Tgt Ion:112 Resp: 402229

Ion Ratio Lower Upper

112 100

64 57.5 48.6 72.8

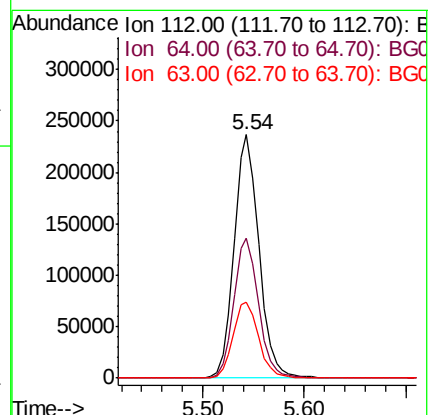
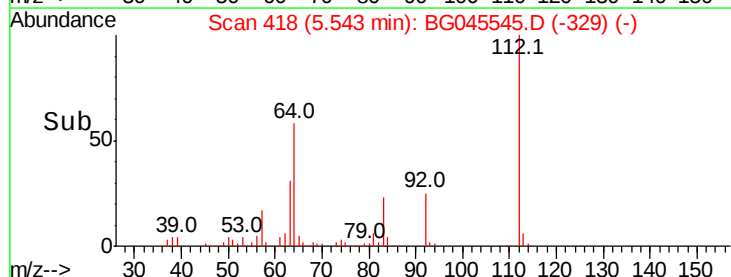
63 31.2 26.5 39.7

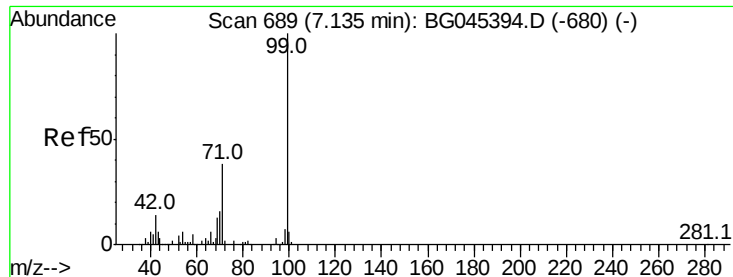


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.835 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

Instrument :

BNA_G

ClientSampleId :

SB-3-S

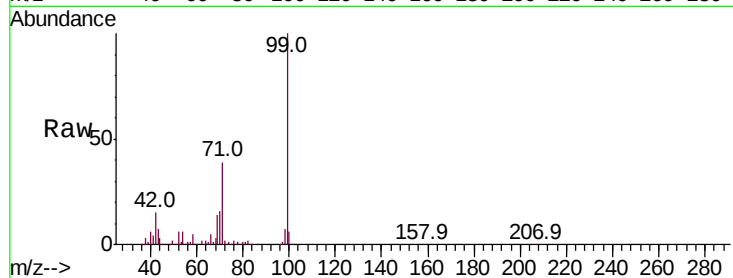
Tot Ion: 99 Resp: 499118

Ion Ratio Lower Upper

99 100

42 15.0 11.3 16.9

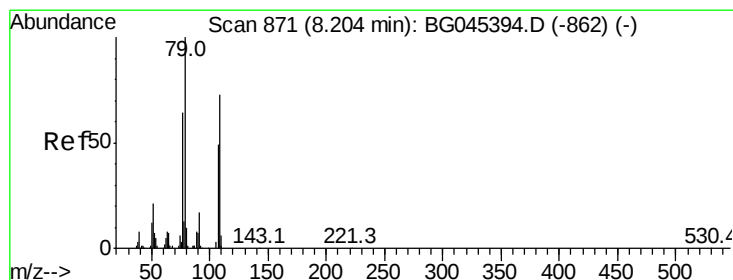
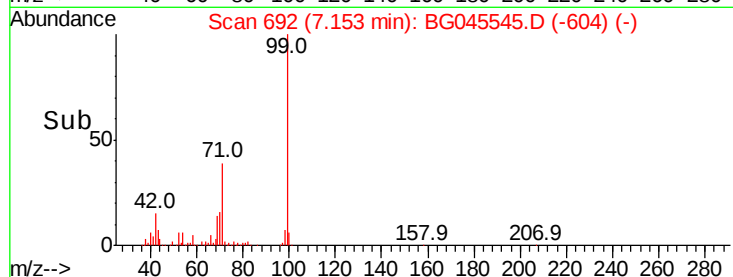
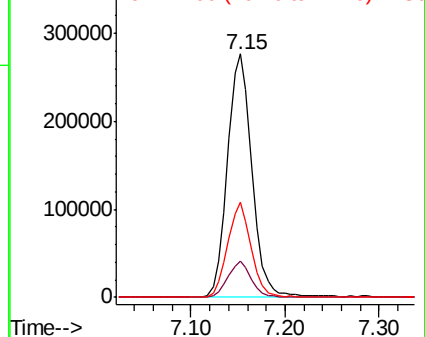
71 38.9 30.8 46.2



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: 2.092 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.07 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

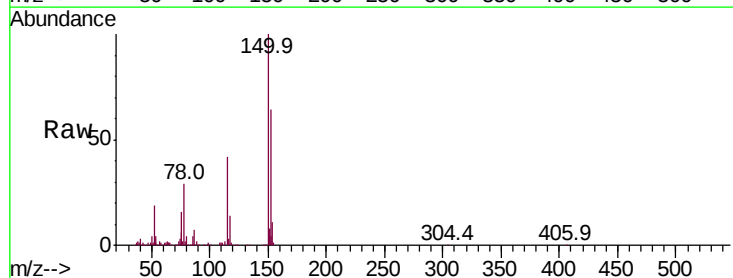
Tgt Ion: 79 Resp: 7782

Ion Ratio Lower Upper

79 100

108 38.4 58.2 87.4#

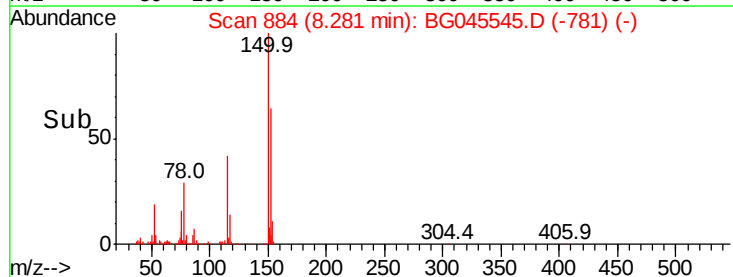
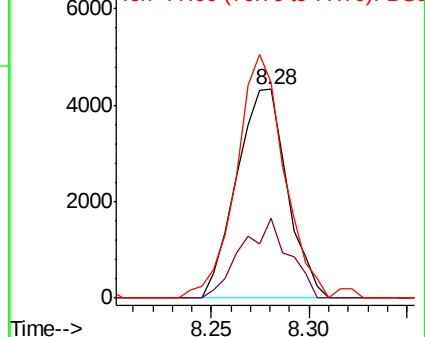
77 103.3 51.0 76.4#

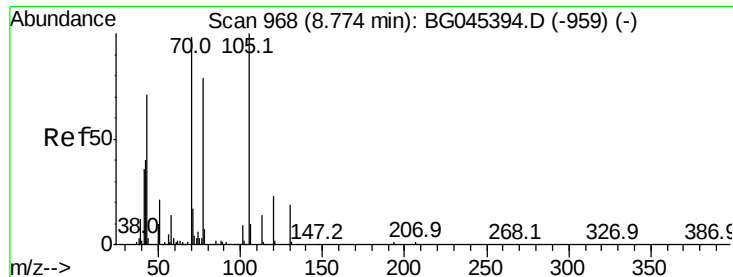


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

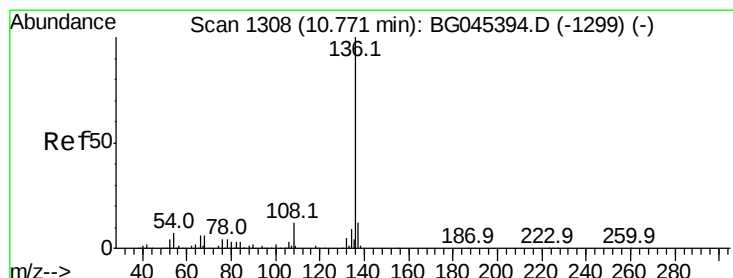
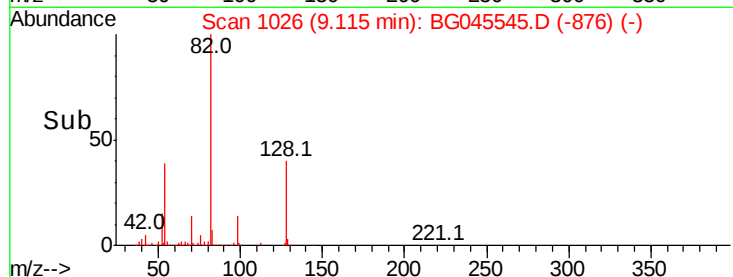
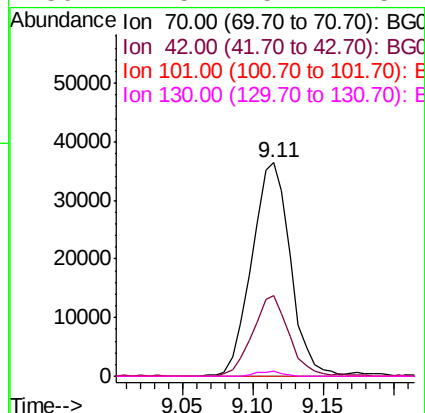
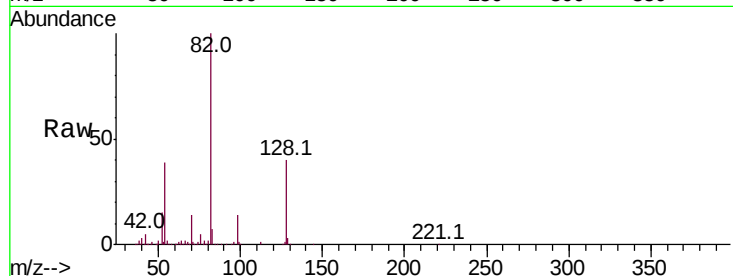




#19
n-Nitroso-di-n-propylamine
Concen: 22.388 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG045545.D
Acq: 30 May 2020 8:02

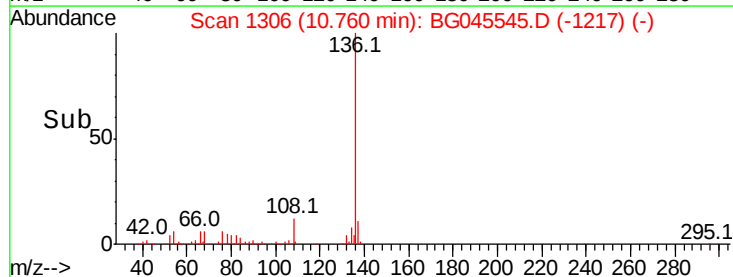
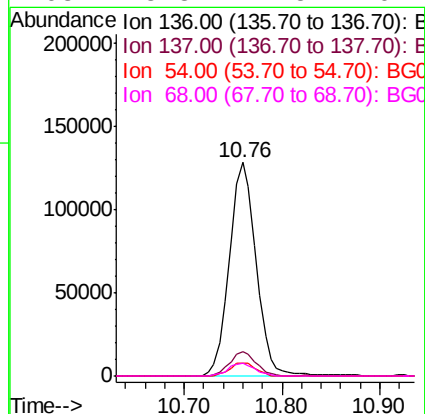
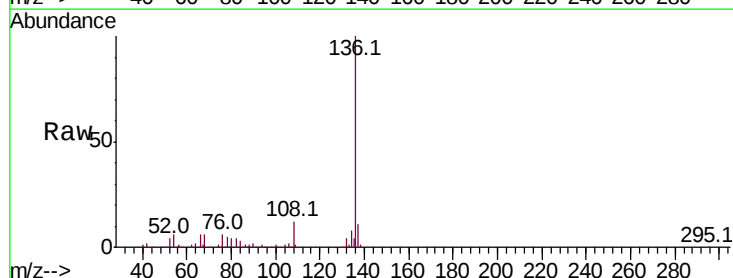
Instrument :
BNA_G
ClientSampled :
SB-3-S

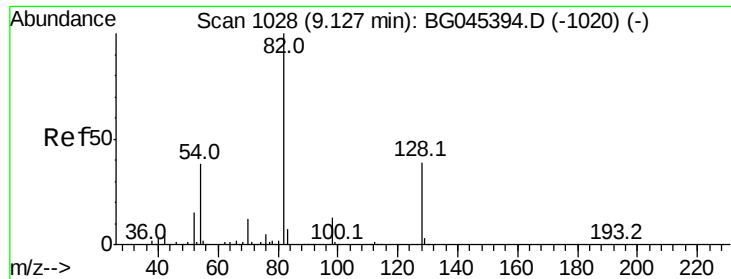
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.5	33.2	49.8	
101	0.0	7.8	11.6	#
130	2.5	15.4	23.2	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045545.D
Acq: 30 May 2020 8:02

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.2	9.4	14.2	
54	6.0	5.8	8.6	
68	5.8	4.5	6.7	

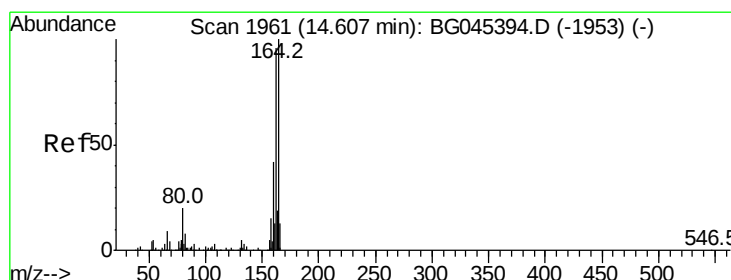
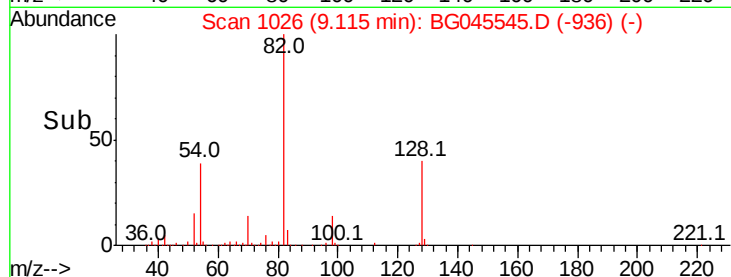
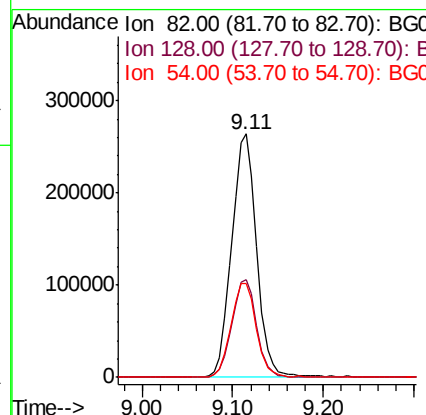
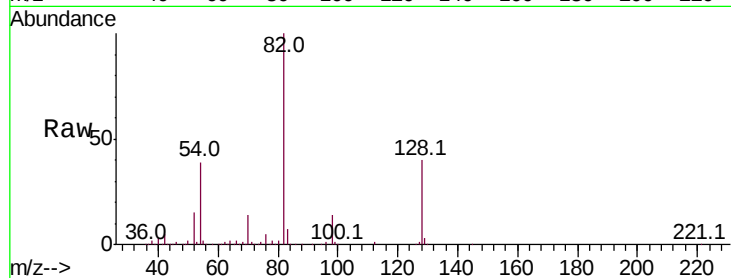




#23
Nitrobenzene-d5
Concen: 112.740 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045545.D
Acq: 30 May 2020 8:02

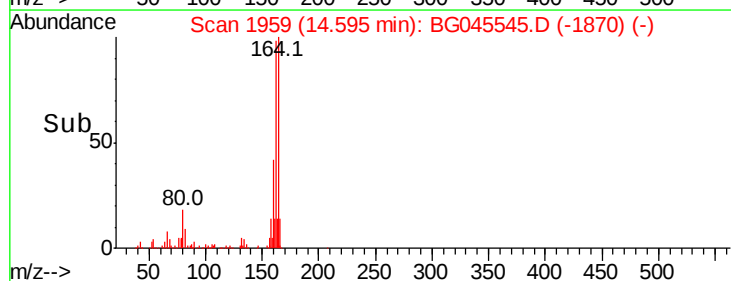
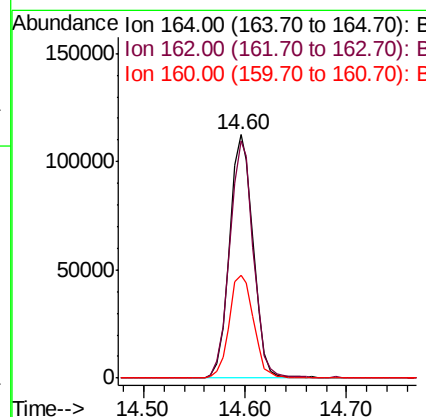
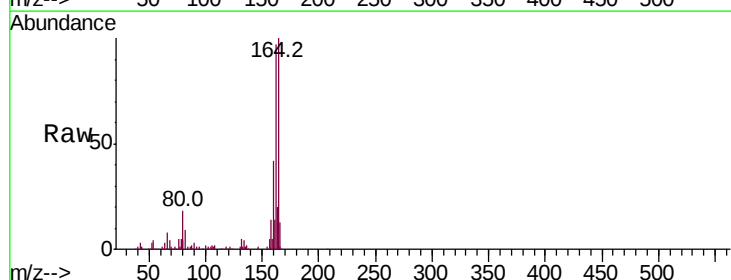
Instrument :
BNA_G
ClientSampleId :
SB-3-S

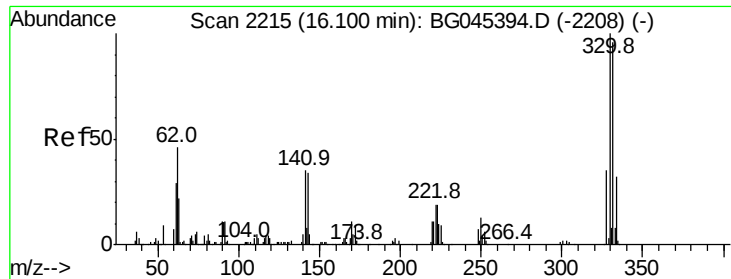
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.9	46.3
54	38.7	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045545.D
Acq: 30 May 2020 8:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	76.9	115.3
160	42.0	33.8	50.8

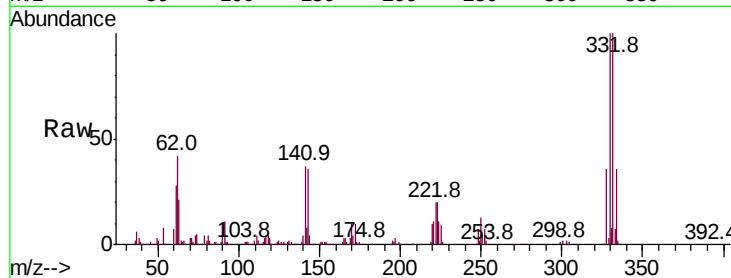




#42
 2,4,6-Tribromophenol
 Concen: 167.793 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045545.D
 Acq: 30 May 2020 8:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.2	117.4
141	35.3	28.2	42.4

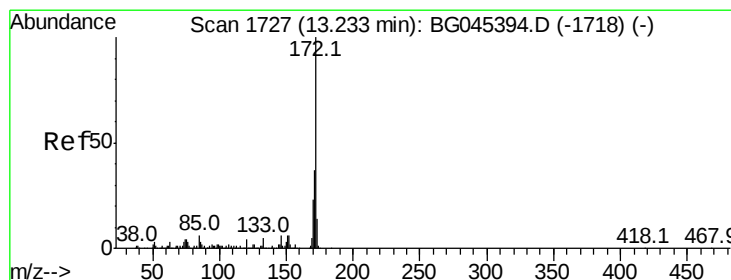
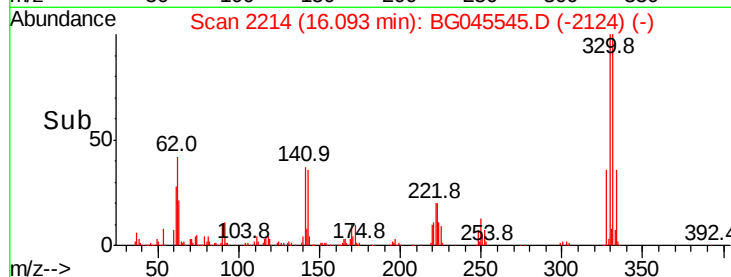
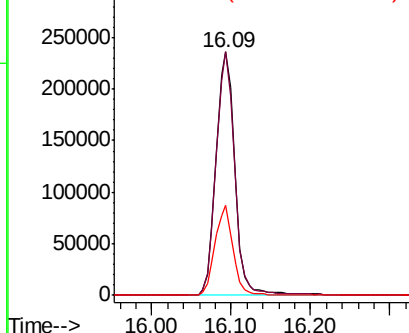


Abundance

Ion 329.80 (329.50 to 330.50): E

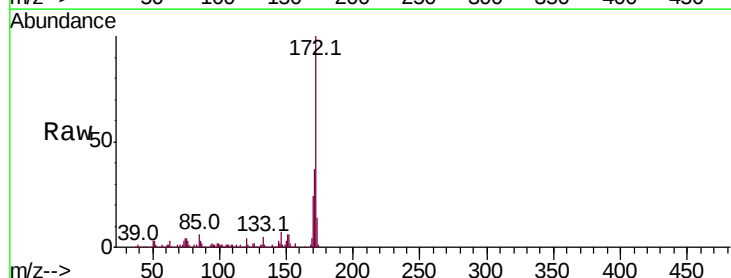
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 110.393 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045545.D
 Acq: 30 May 2020 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	24.3	18.5	27.7

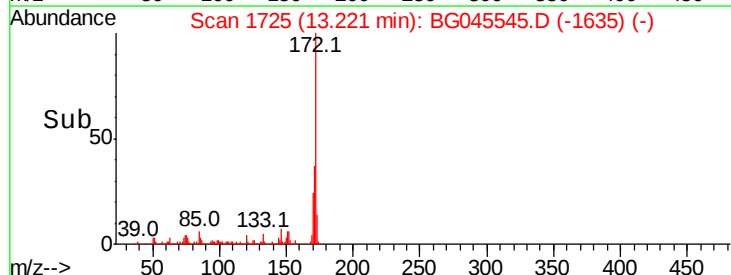
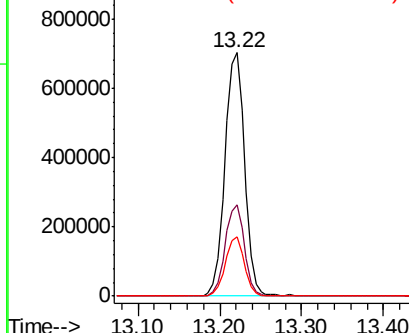


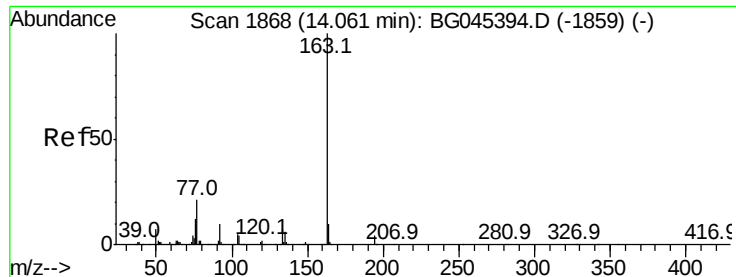
Abundance

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: 12.206 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

Instrument :

BNA_G

ClientSampled :

SB-3-S

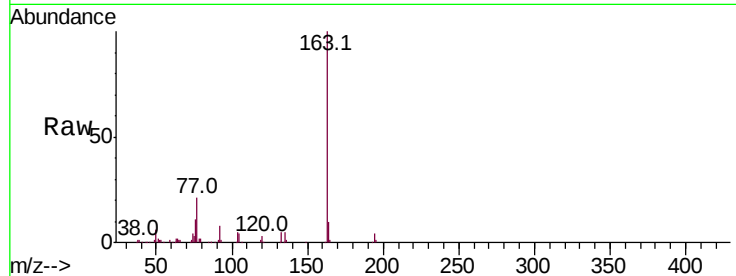
Tot Ion:163 Resp: 152003

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

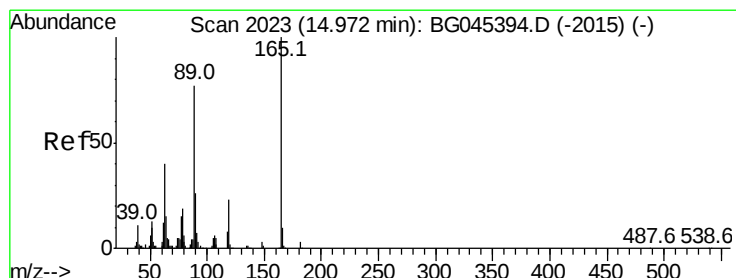
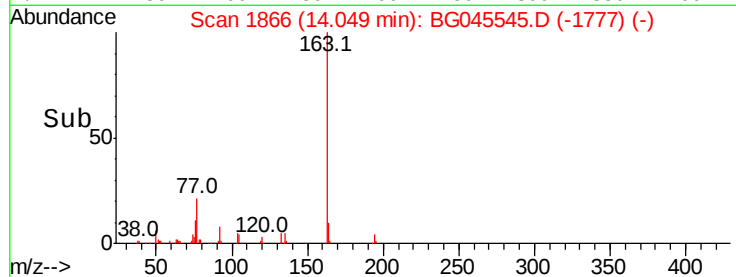
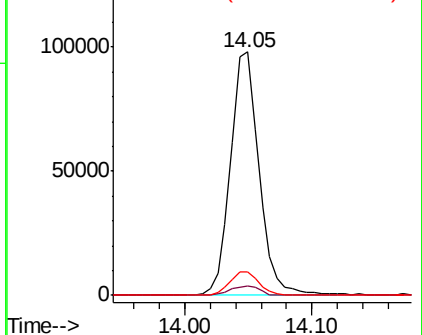
164 9.8 8.3 12.5



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: 5.955 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.37 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

Tgt Ion:165 Resp: 24234

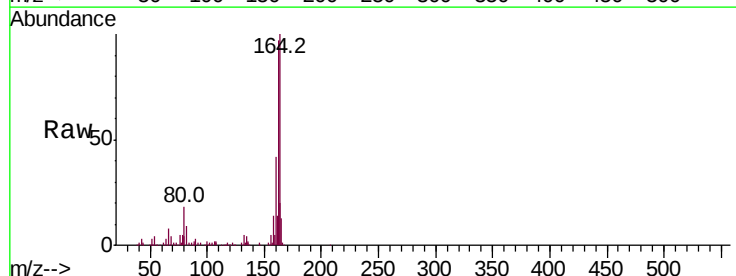
Ion Ratio Lower Upper

165 100

63 2.6 32.5 48.7#

89 1.5 61.8 92.6#

182 0.0 2.3 3.5#

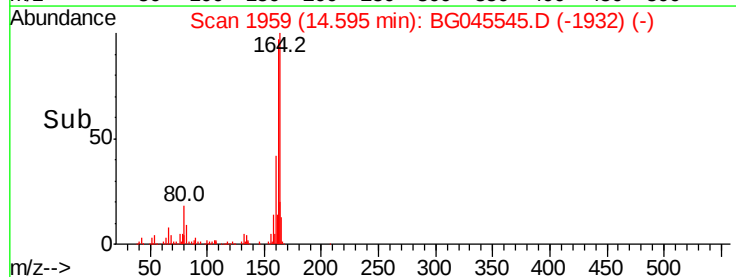
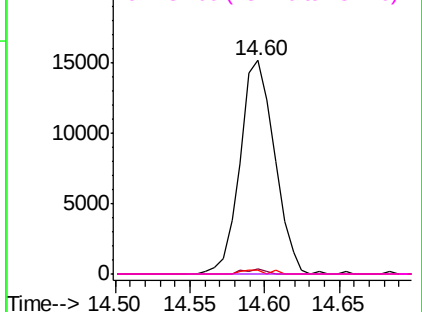


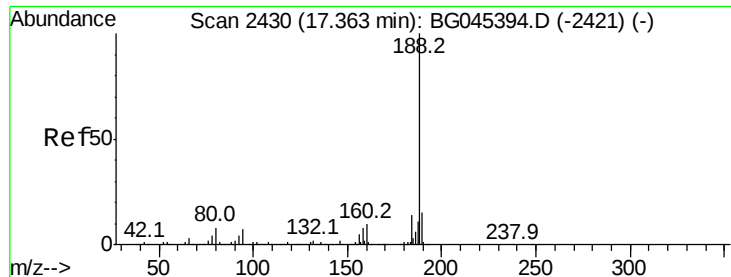
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.34 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

Instrument :

BNA_G

ClientSampleId :

SB-3-S

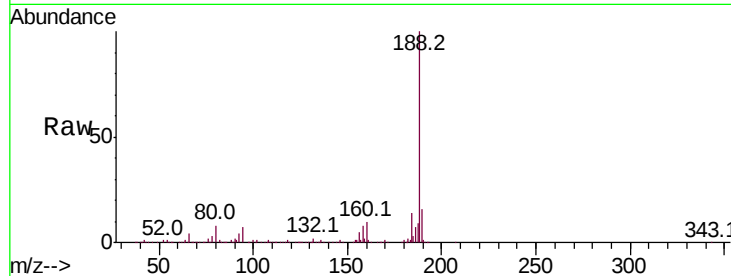
Tot Ion:188 Resp: 420348

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

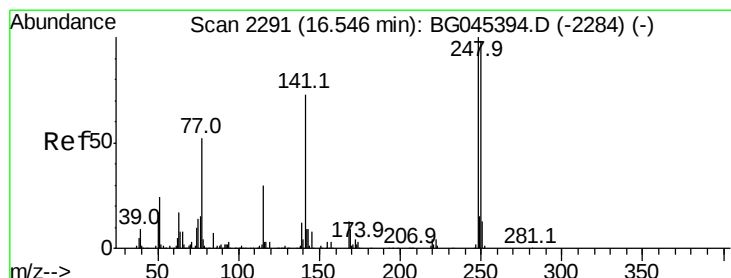
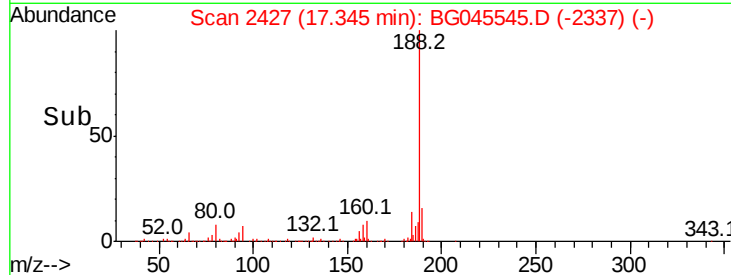
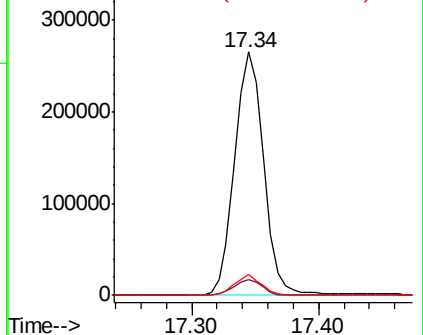
80 8.4 6.6 10.0



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: 5.958 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.44 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

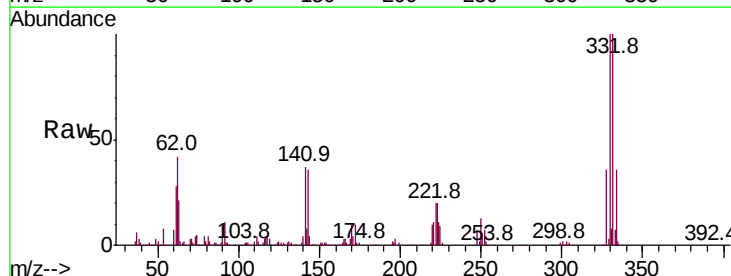
Tgt Ion:248 Resp: 27117

Ion Ratio Lower Upper

248 100

250 188.9 78.6 117.8#

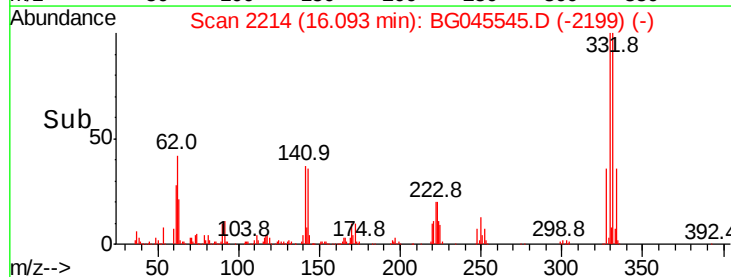
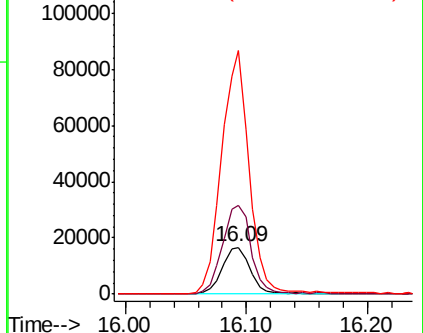
141 520.7 58.2 87.2#

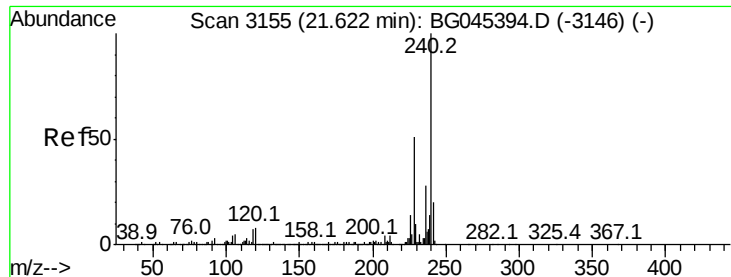


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

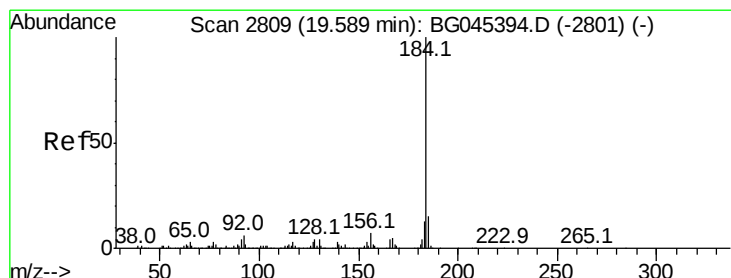
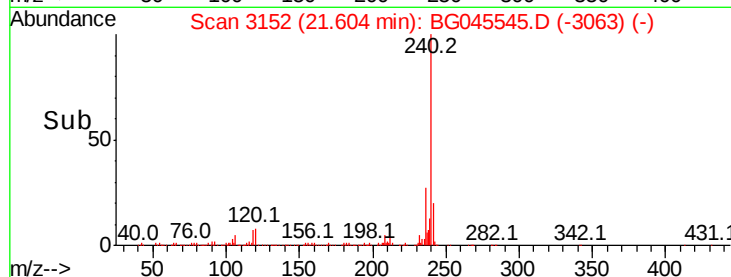
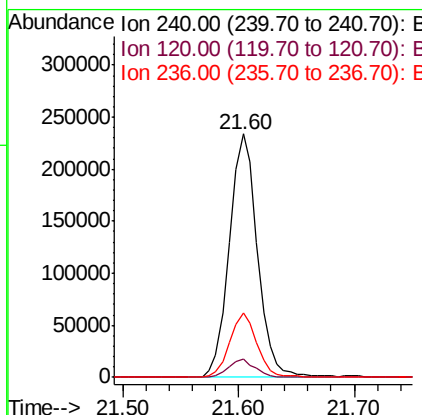
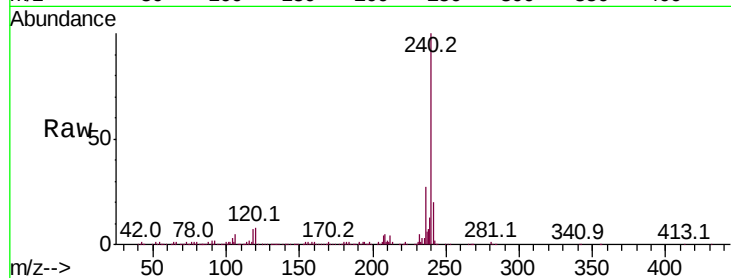




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045545.D
Acq: 30 May 2020 8:02

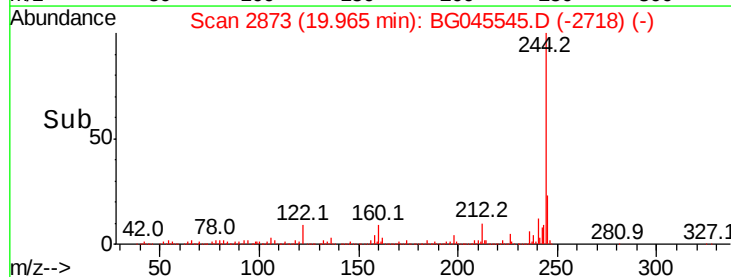
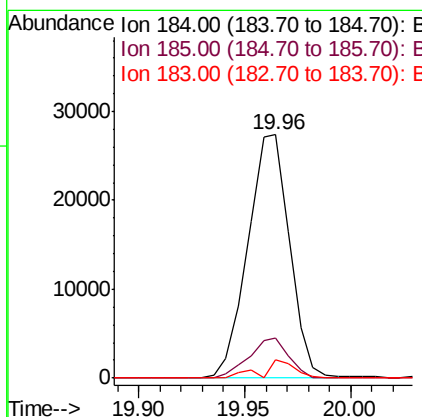
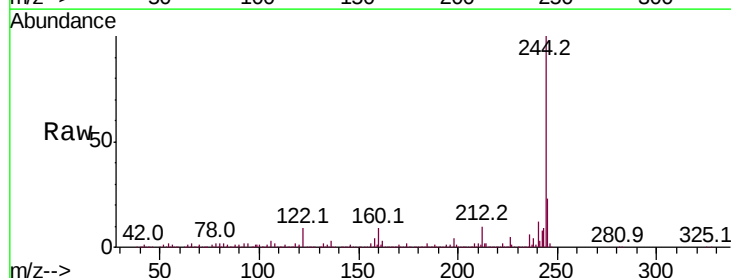
Instrument :
BNA_G
ClientSampleId :
SB-3-S

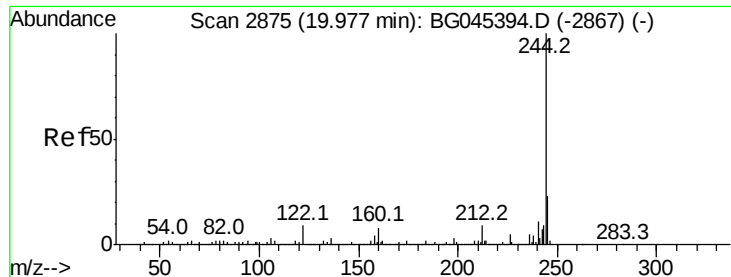
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.1	9.1
236	26.5	22.3	33.5



#77
Benzidine
Concen: 3.388 ng
RT: 19.96 min Scan# 2873
Delta R.T. 0.38 min
Lab File: BG045545.D
Acq: 30 May 2020 8:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.7	17.5
183	7.4	10.2	15.4





#79

Terphenyl-d14

Concen: 116.584 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045545.D

Acq: 30 May 2020 8:02

Instrument :

BNA_G

ClientSampleId :

SB-3-S

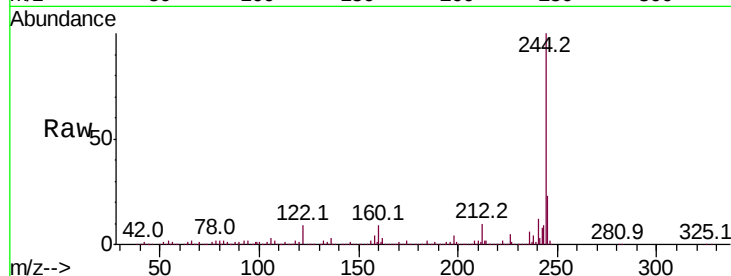
Tot Ion:244 Resp: 1975404

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

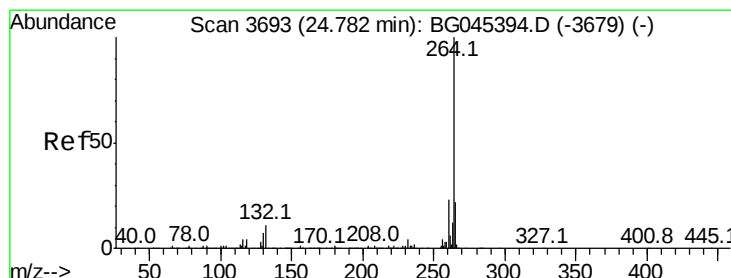
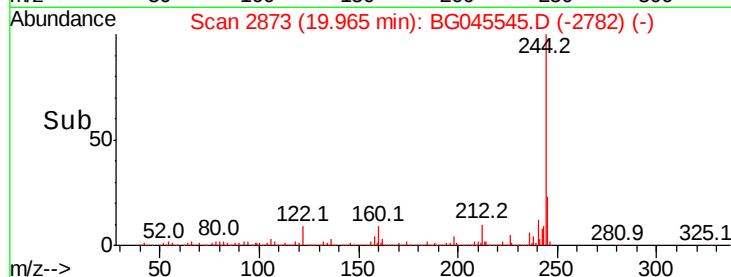
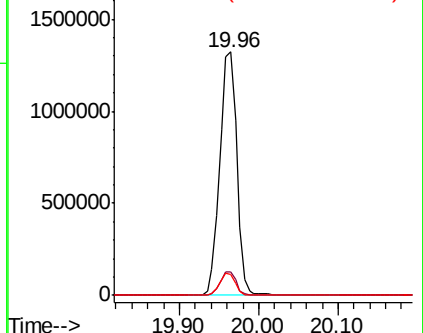
122 8.5 6.8 10.2



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: BG045545.D

Acq: 30 May 2020 8:02

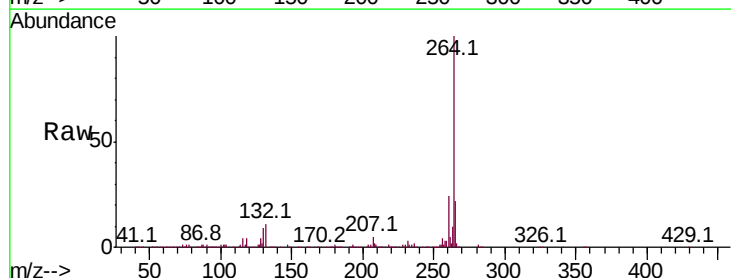
Tgt Ion:264 Resp: 431608

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.1 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

