

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045523.D
 Acq On : 29 May 2020 14:38
 Operator : CG/JU
 Sample : L2744-25
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-1

Quant Time: May 29 15:15:17 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

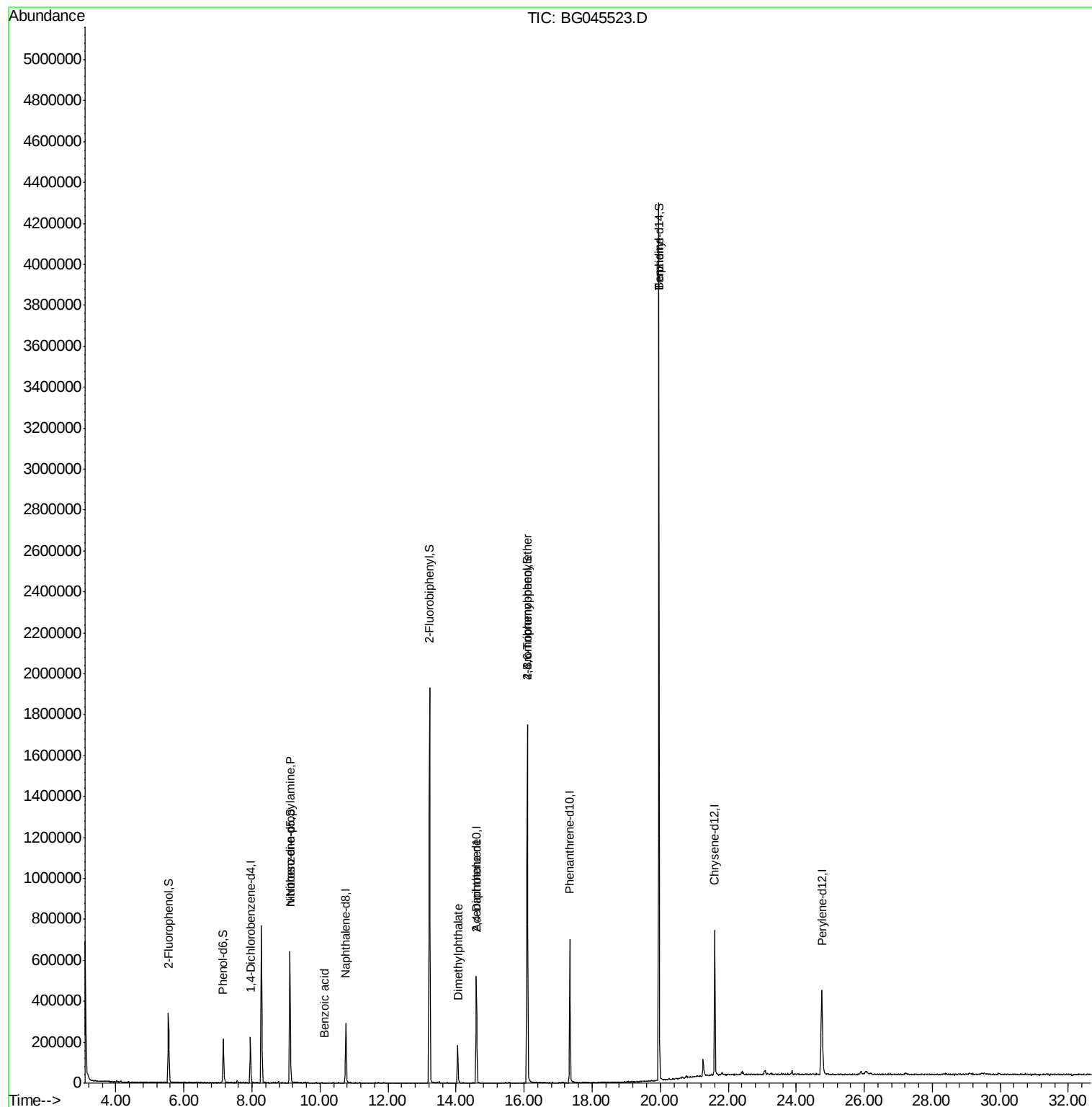
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	68781	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	272142	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	197576	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	473037	20.00	ng	0.00
76) Chrysene-d12	21.60	240	454411	20.00	ng	0.00
87) Perylene-d12	24.75	264	479624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	181341	51.52	ng	0.00
7) Phenol-d6	7.16	99	155118	30.97	ng	0.00
23) Nitrobenzene-d5	9.11	82	448438	89.86	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	372860	147.56	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1083115	92.99	ng	0.00
79) Terphenyl-d14	19.97	244	2040607	104.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	58643	16.929	ng	# 77
32) Benzoic acid	10.13	122	55	10.041	ng	# 1
50) Dimethylphthalate	14.05	163	137030	10.110	ng	99
57) 2,4-Dinitrotoluene	14.60	165	24646	5.564	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	24397	4.763	ng	# 1
77) Benzidine	19.97	184	40145	3.146	ng	# 92

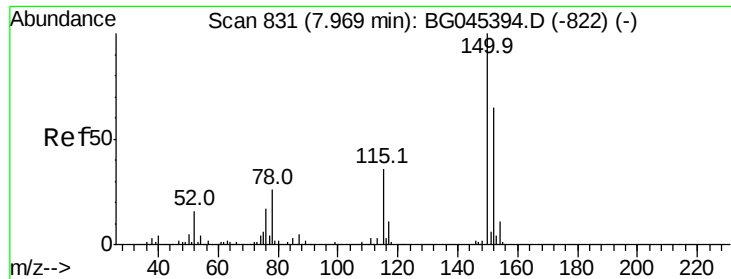
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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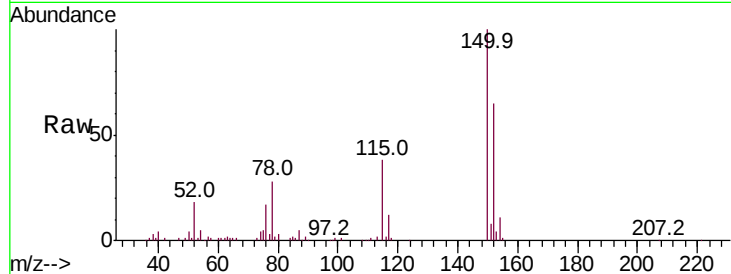


#1

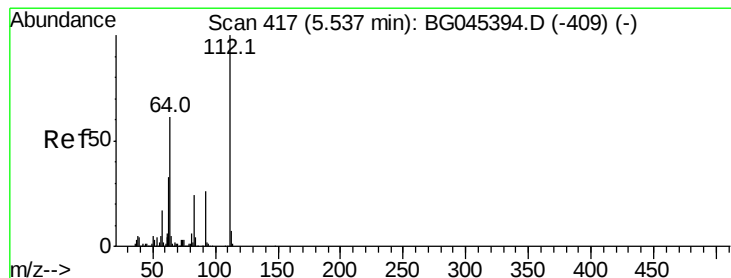
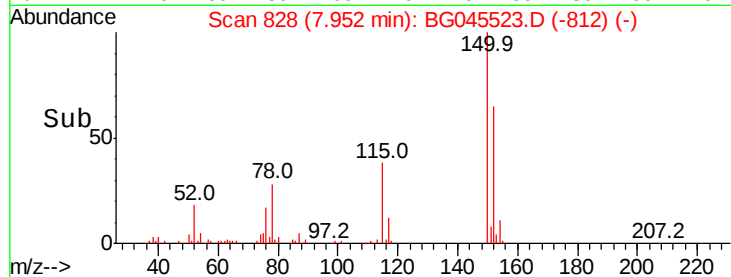
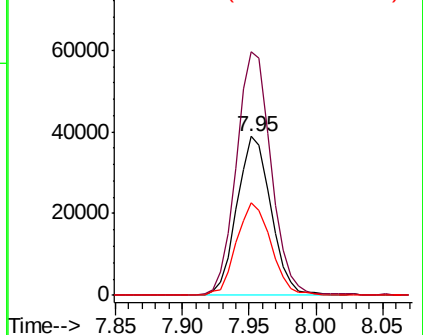
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045523.D
Acq: 29 May 2020 14:38

Instrument :
BNA_G
ClientSampleId :
NM-EB-1

Tot Ion:152 Resp: 68781
Ion Ratio Lower Upper
152 100
150 153.2 122.4 183.6
115 58.5 44.2 66.4



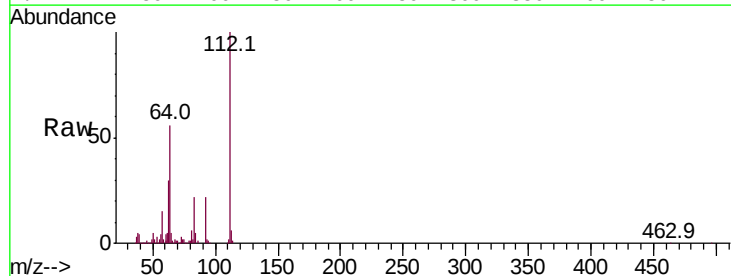
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



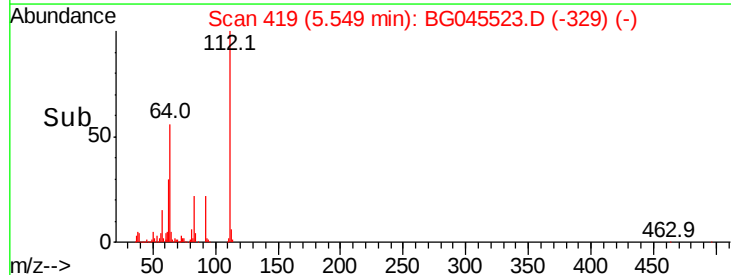
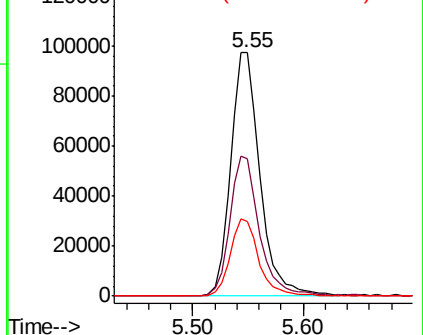
#5

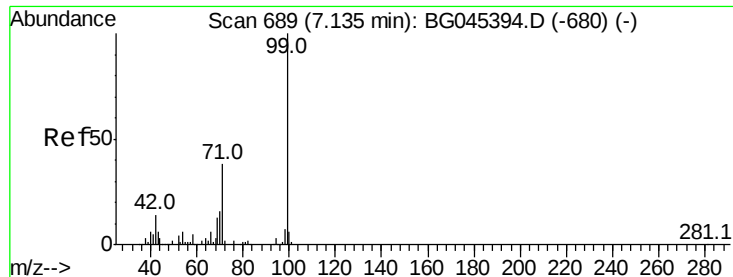
2-Fluorophenol
Concen: 51.525 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045523.D
Acq: 29 May 2020 14:38

Tgt Ion:112 Resp: 181341
Ion Ratio Lower Upper
112 100
64 56.2 48.6 72.8
63 30.4 26.5 39.7



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





#7

Phenol-d6

Concen: 30.966 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045523.D

Acq: 29 May 2020 14:38

Instrument :

BNA_G

ClientSampleId :

NM-EB-1

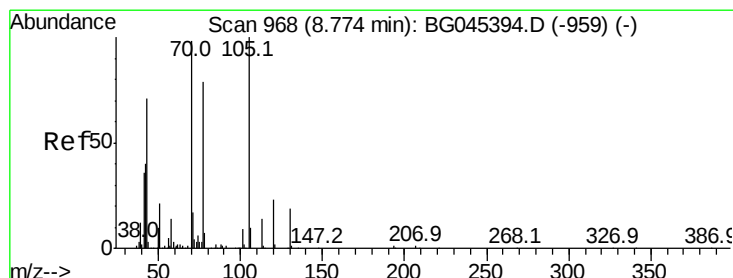
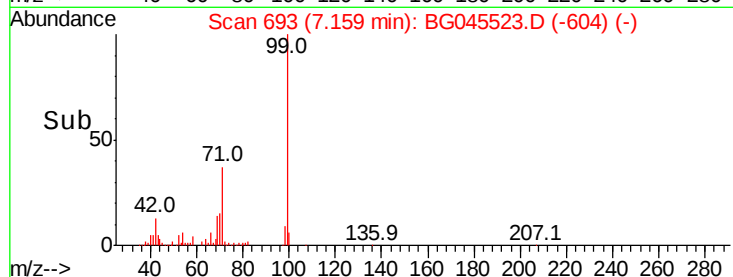
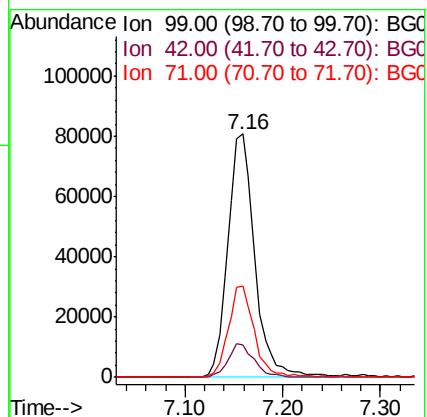
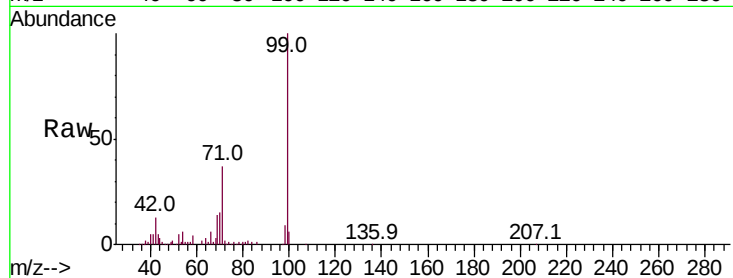
Tot Ion: 99 Resp: 155118

Ion Ratio Lower Upper

99 100

42 13.5 11.3 16.9

71 37.3 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.929 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045523.D

Acq: 29 May 2020 14:38

Tgt Ion: 70 Resp: 58643

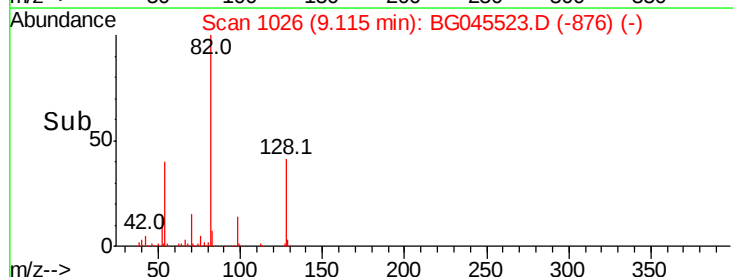
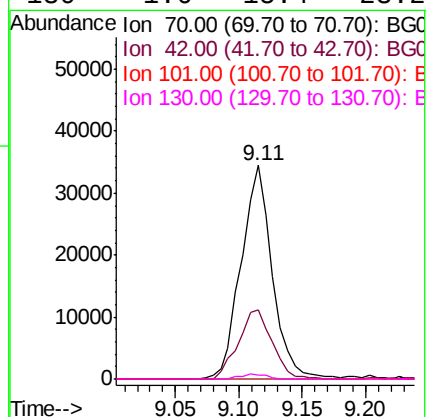
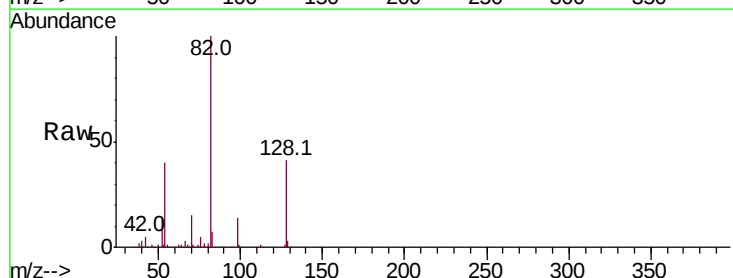
Ion Ratio Lower Upper

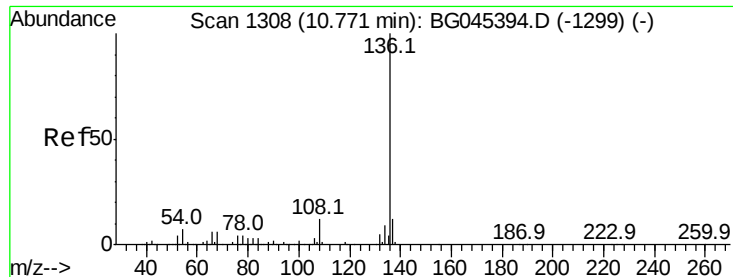
70 100

42 32.5 33.2 49.8#

101 0.0 7.8 11.6#

130 1.6 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: BG045523.D

Acq: 29 May 2020 14:38

Instrument :

BNA_G

ClientSampleId :

NM-EB-1

Tot Ion:136 Resp: 272142

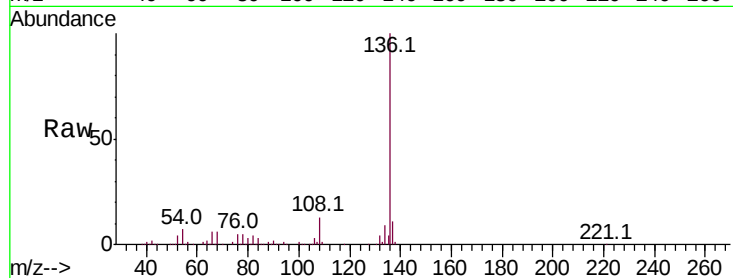
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.2

54 6.6 5.8 8.6

68 6.2 4.5 6.7

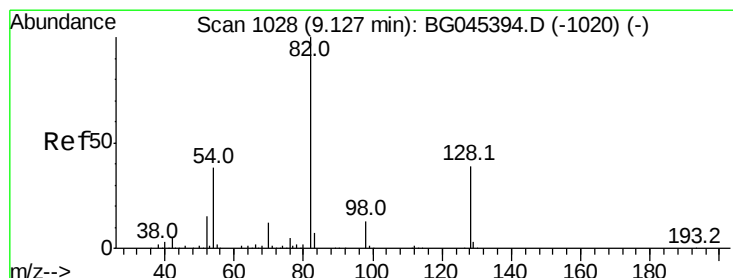
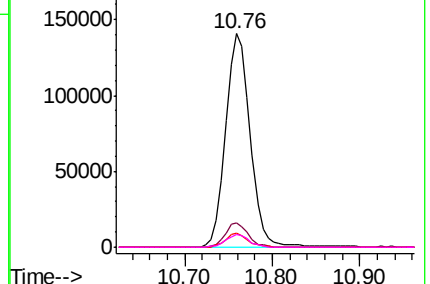
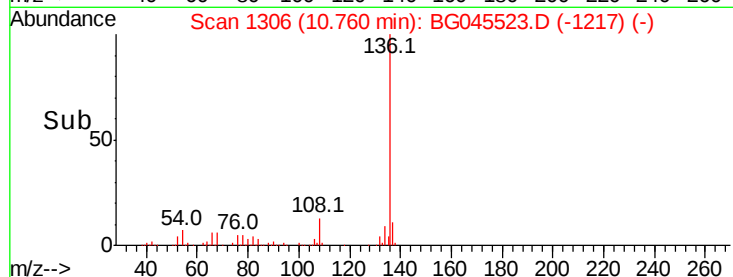


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.858 ng

RT: 9.11 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG045523.D

Acq: 29 May 2020 14:38

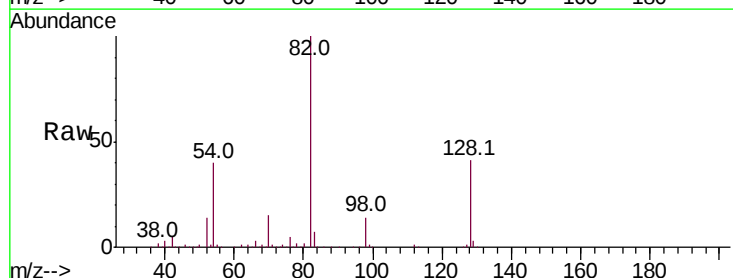
Tgt Ion: 82 Resp: 448438

Ion Ratio Lower Upper

82 100

128 40.5 30.9 46.3

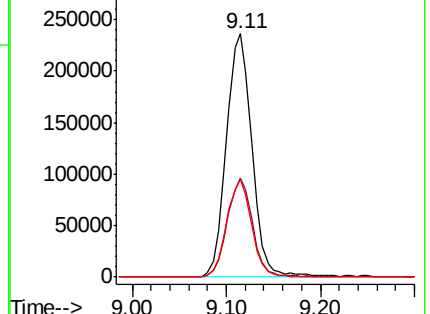
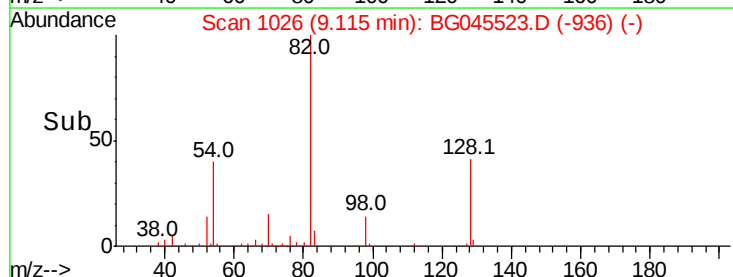
54 40.0 30.3 45.5

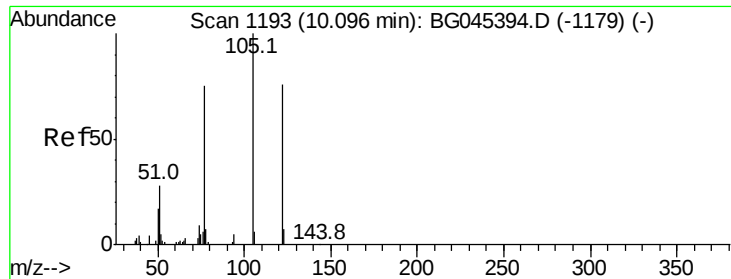


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 10.041 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG045523.D

Acq: 29 May 2020 14:38

Instrument :

BNA_G

ClientSampleId :

NM-EB-1

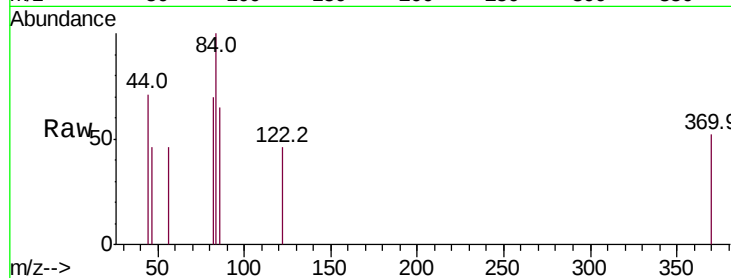
Tot Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

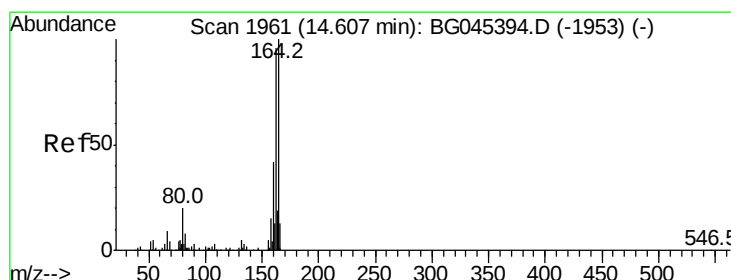
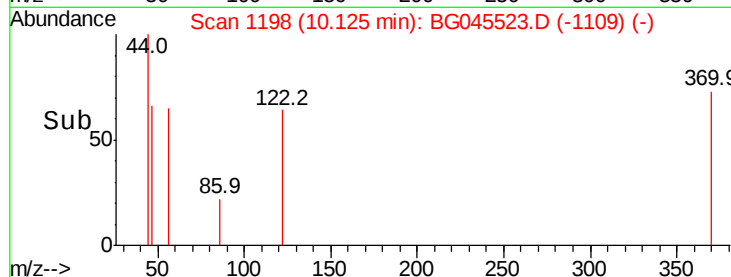
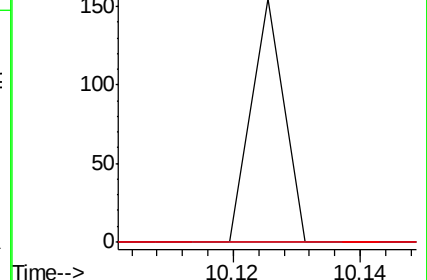
77 0.0 78.9 118.9#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG045523.D

Acq: 29 May 2020 14:38

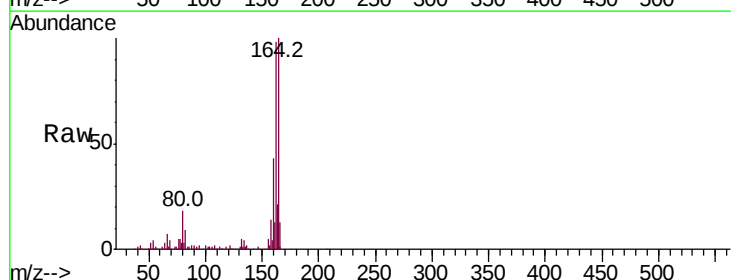
Tgt Ion:164 Resp: 197576

Ion Ratio Lower Upper

164 100

162 98.2 76.9 115.3

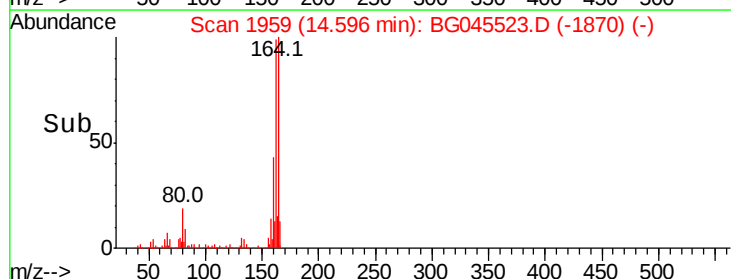
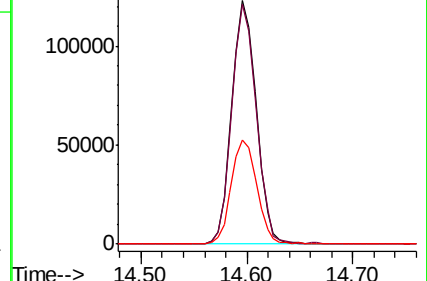
160 42.7 33.8 50.8

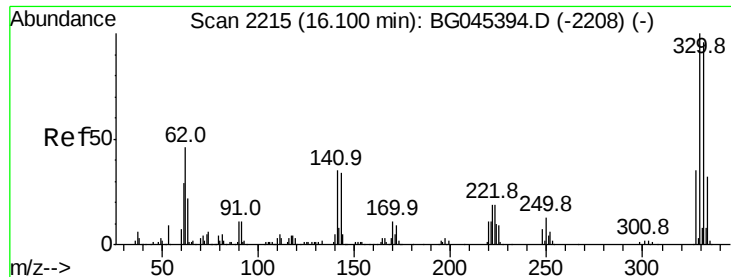


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

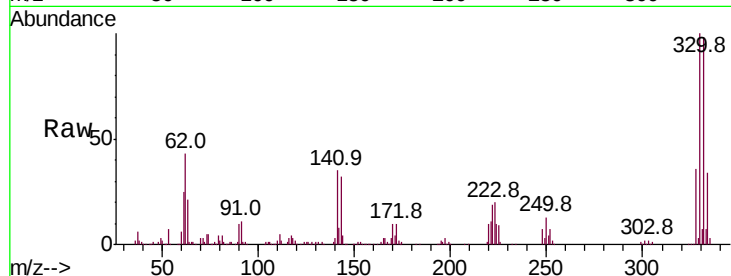




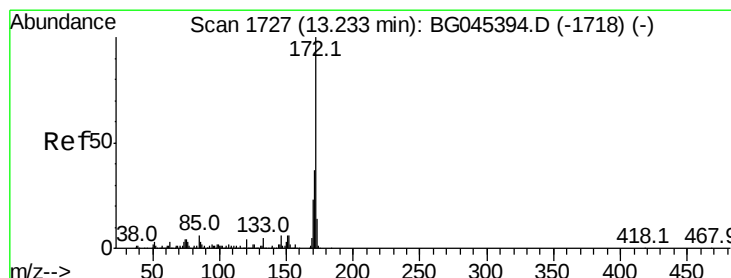
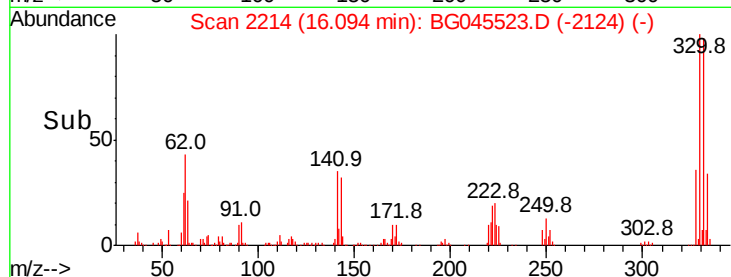
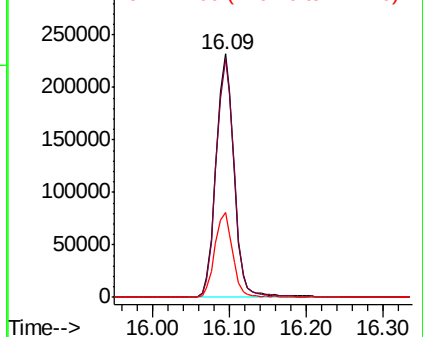
#42
 2,4,6-Tribromophenol
 Concen: 147.564 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045523.D
 Acq: 29 May 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-1

Tot Ion:330 Resp: 372860
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.2 117.4
 141 34.3 28.2 42.4

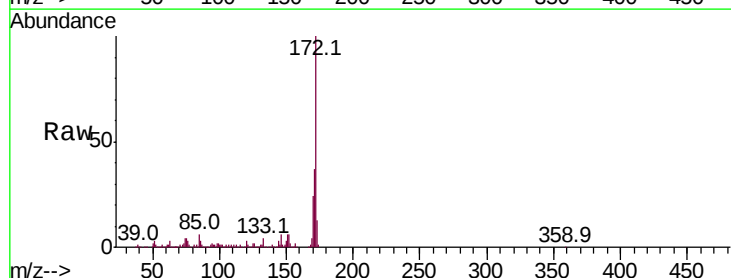


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

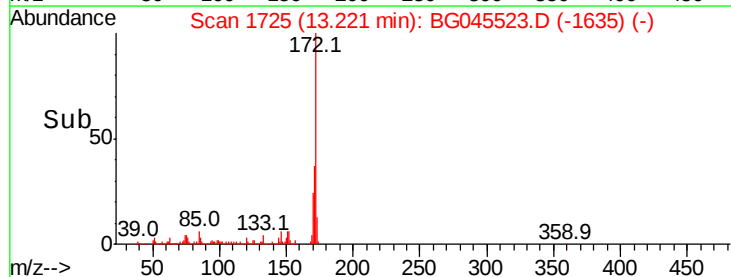
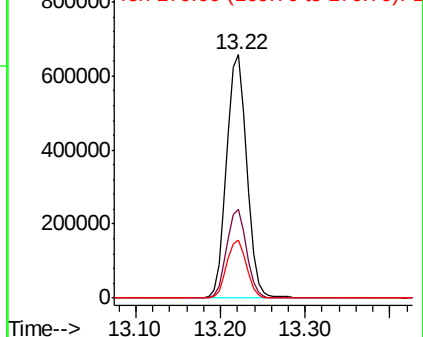


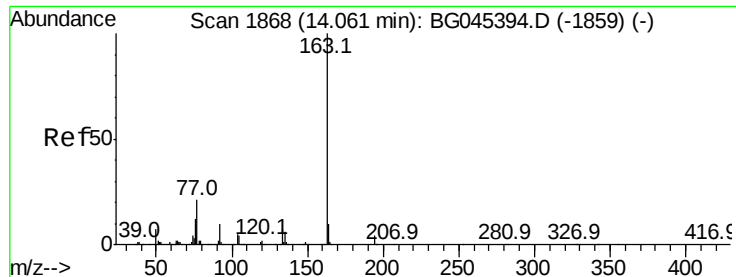
#45
 2-Fluorobiphenyl
 Concen: 92.986 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045523.D
 Acq: 29 May 2020 14:38

Tgt Ion:172 Resp: 1083115
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 24.0 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: 10.110 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045523.D

Acq: 29 May 2020 14:38

Instrument :

BNA_G

ClientSampleId :

NM-EB-1

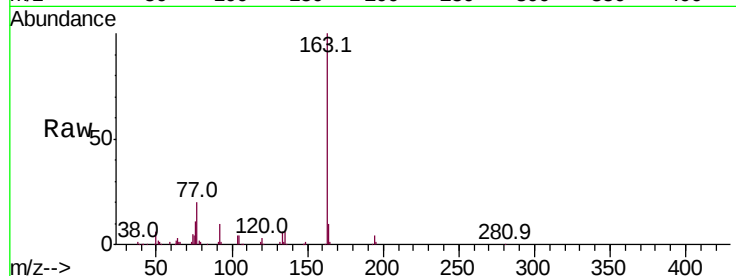
Tot Ion:163 Resp: 137030

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

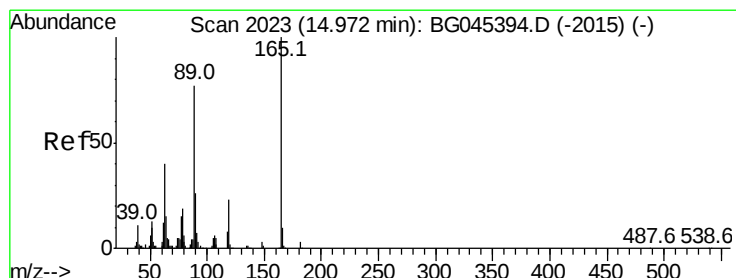
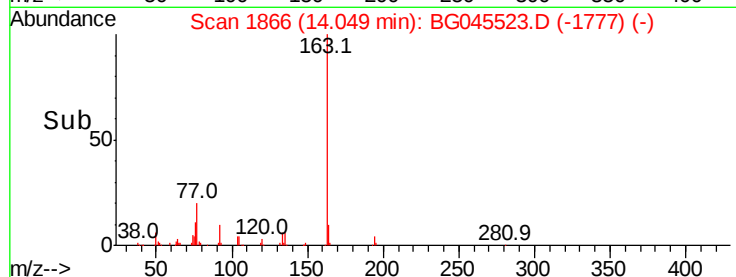
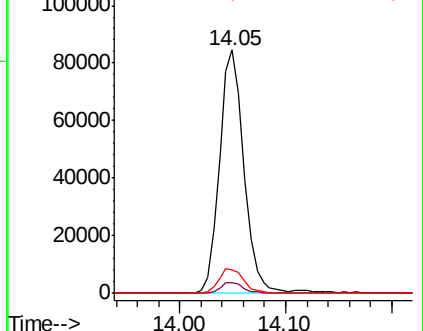
164 9.9 8.3 12.5



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: 5.564 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.37 min

Lab File: BG045523.D

Acq: 29 May 2020 14:38

Tgt Ion:165 Resp: 24646

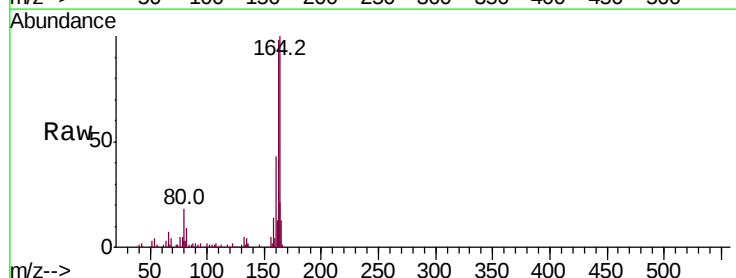
Ion Ratio Lower Upper

165 100

63 1.5 32.5 48.7#

89 1.1 61.8 92.6#

182 0.0 2.3 3.5#

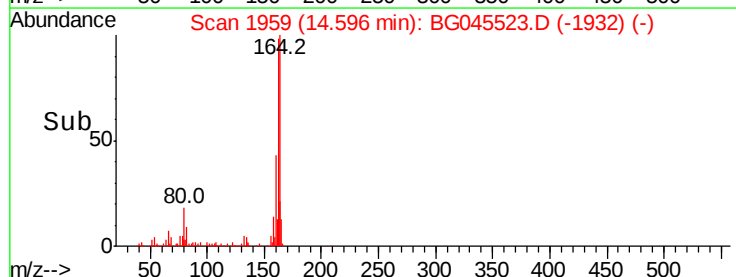
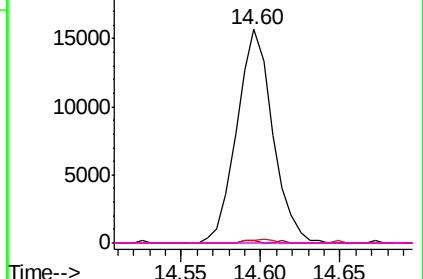


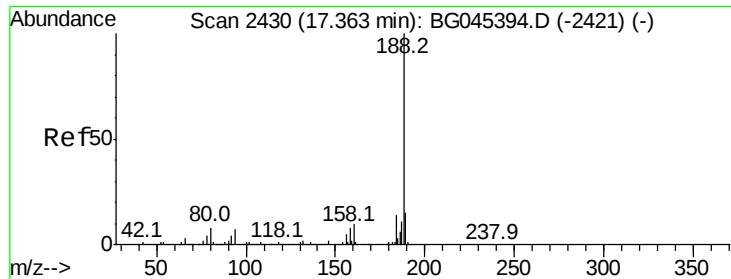
Abundance Ion 165.00 (164.70 to 165.70): E

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

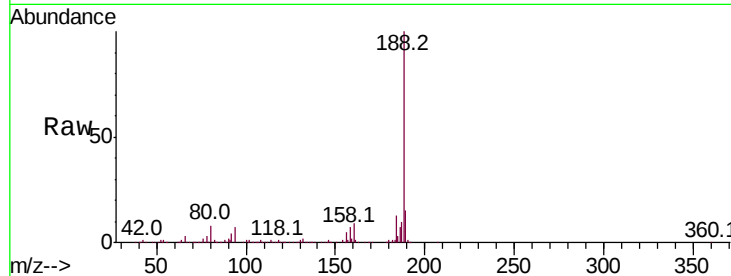




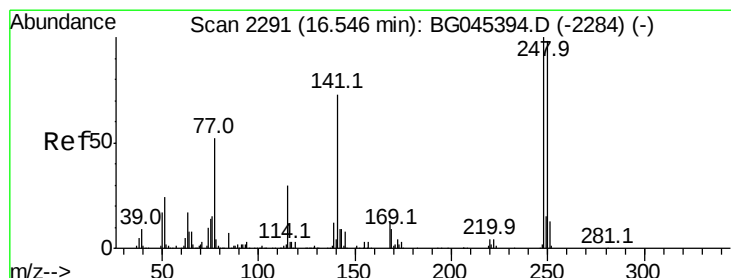
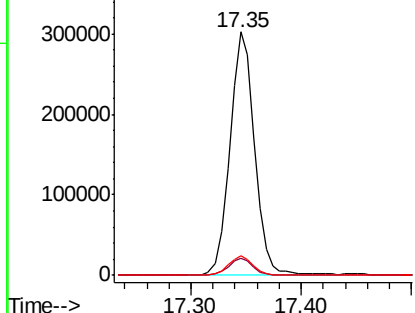
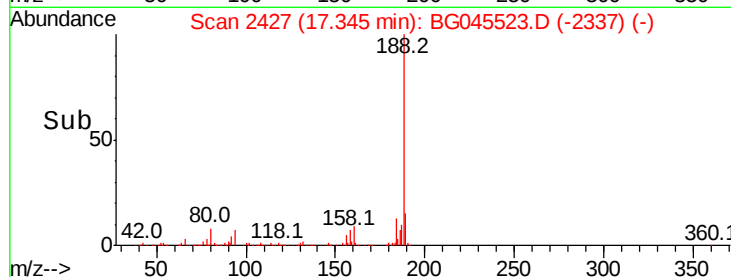
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG045523.D
 Acq: 29 May 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	8.2	6.6	10.0

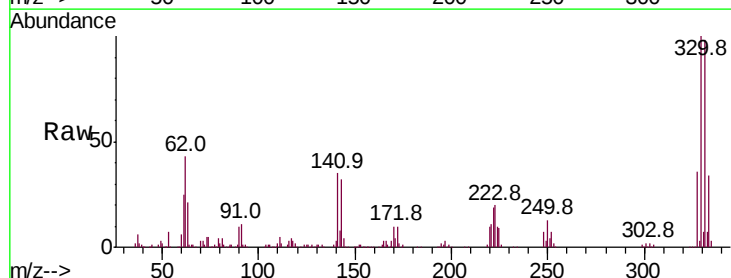


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

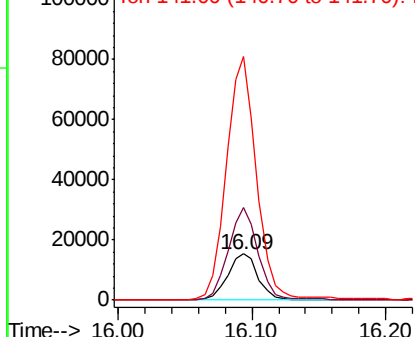
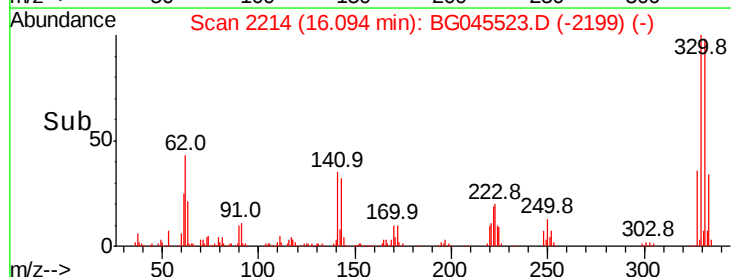


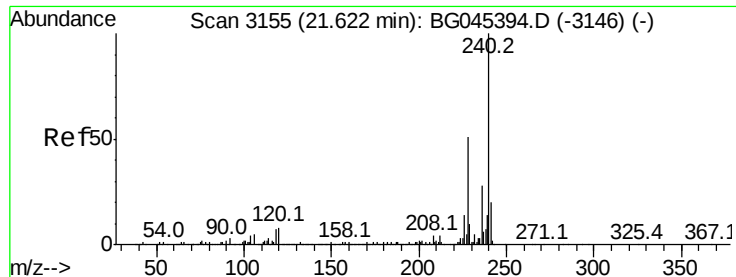
#67
 4-Bromophenyl-phenylether
 Concen: 4.763 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045523.D
 Acq: 29 May 2020 14:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.3	78.6	117.8#
141	528.3	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

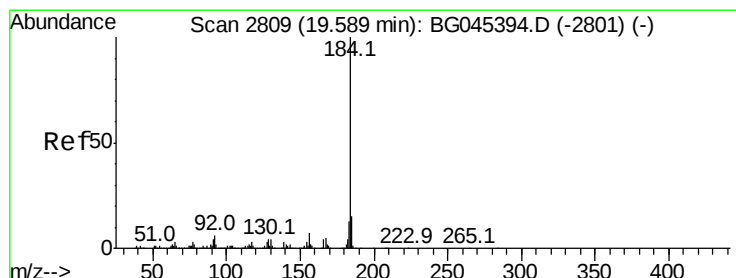
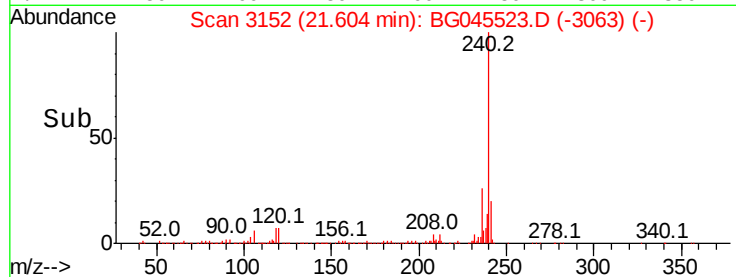
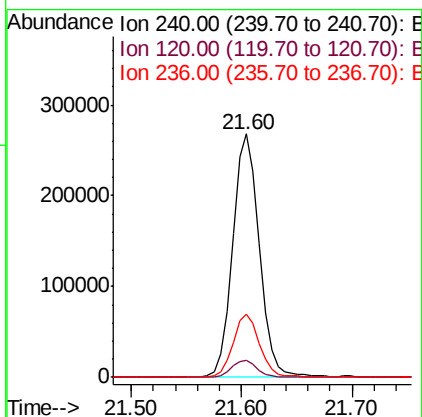
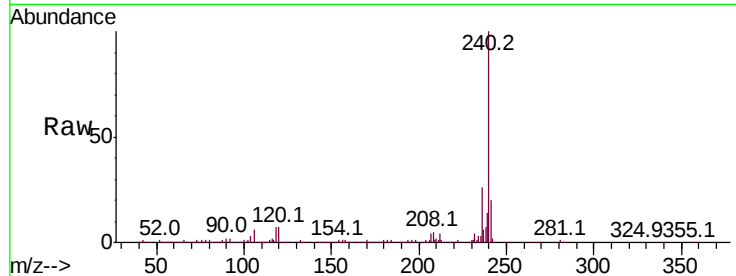




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045523.D
 Acq: 29 May 2020 14:38

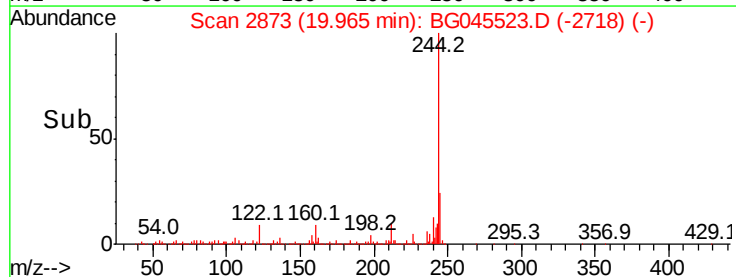
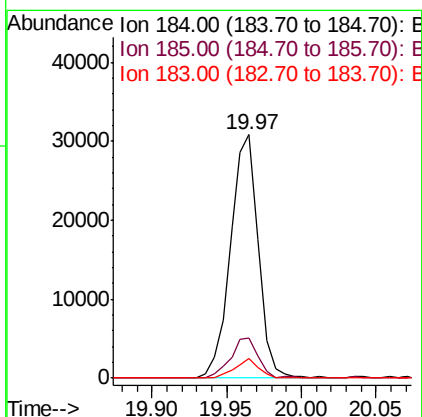
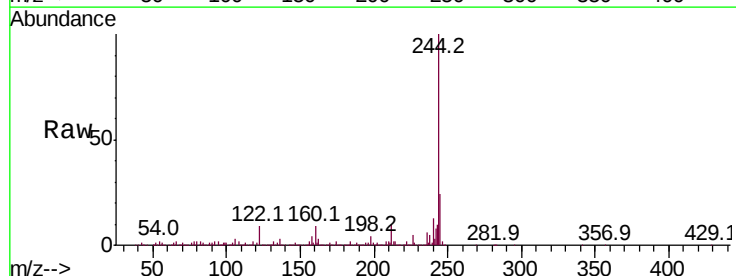
Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-1

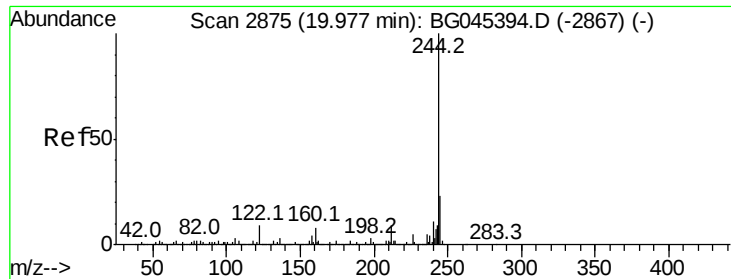
Tot Ion:240 Resp: 454411
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.1 9.1
 236 25.7 22.3 33.5



#77
 Benzidine
 Concen: 3.146 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.38 min
 Lab File: BG045523.D
 Acq: 29 May 2020 14:38

Tgt Ion:184 Resp: 40145
 Ion Ratio Lower Upper
 184 100
 185 16.3 11.7 17.5
 183 8.0 10.2 15.4#



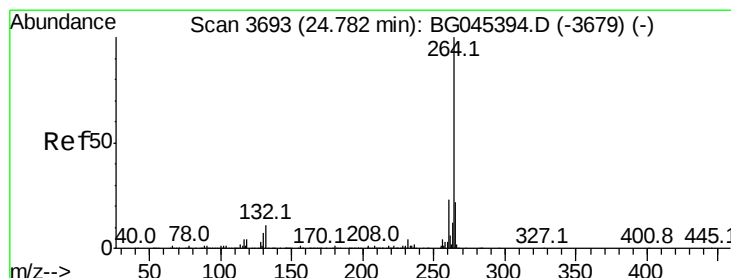
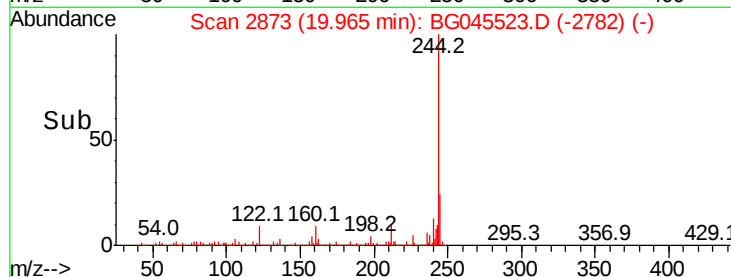
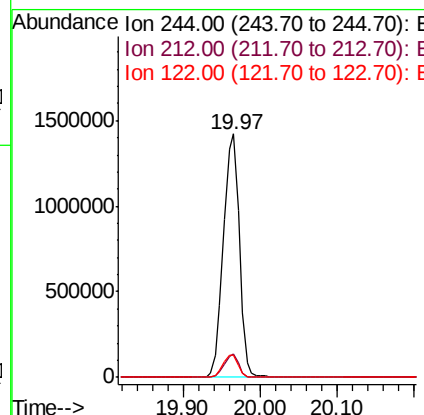
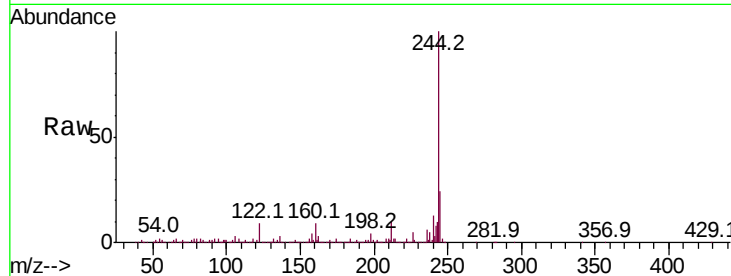


#79
 Terphenyl-d14
 Concen: 104.736 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045523.D
 Acq: 29 May 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-1

Tot Ion:244 Resp: 2040607

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.4	11.0
122	8.9	6.8	10.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: BG045523.D
 Acq: 29 May 2020 14:38

Tgt Ion:264 Resp: 479624

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	19.8	17.6	26.4

