

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045524.D
 Acq On : 29 May 2020 15:18
 Operator : CG/JU
 Sample : L2745-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-2

Quant Time: May 29 15:55:05 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

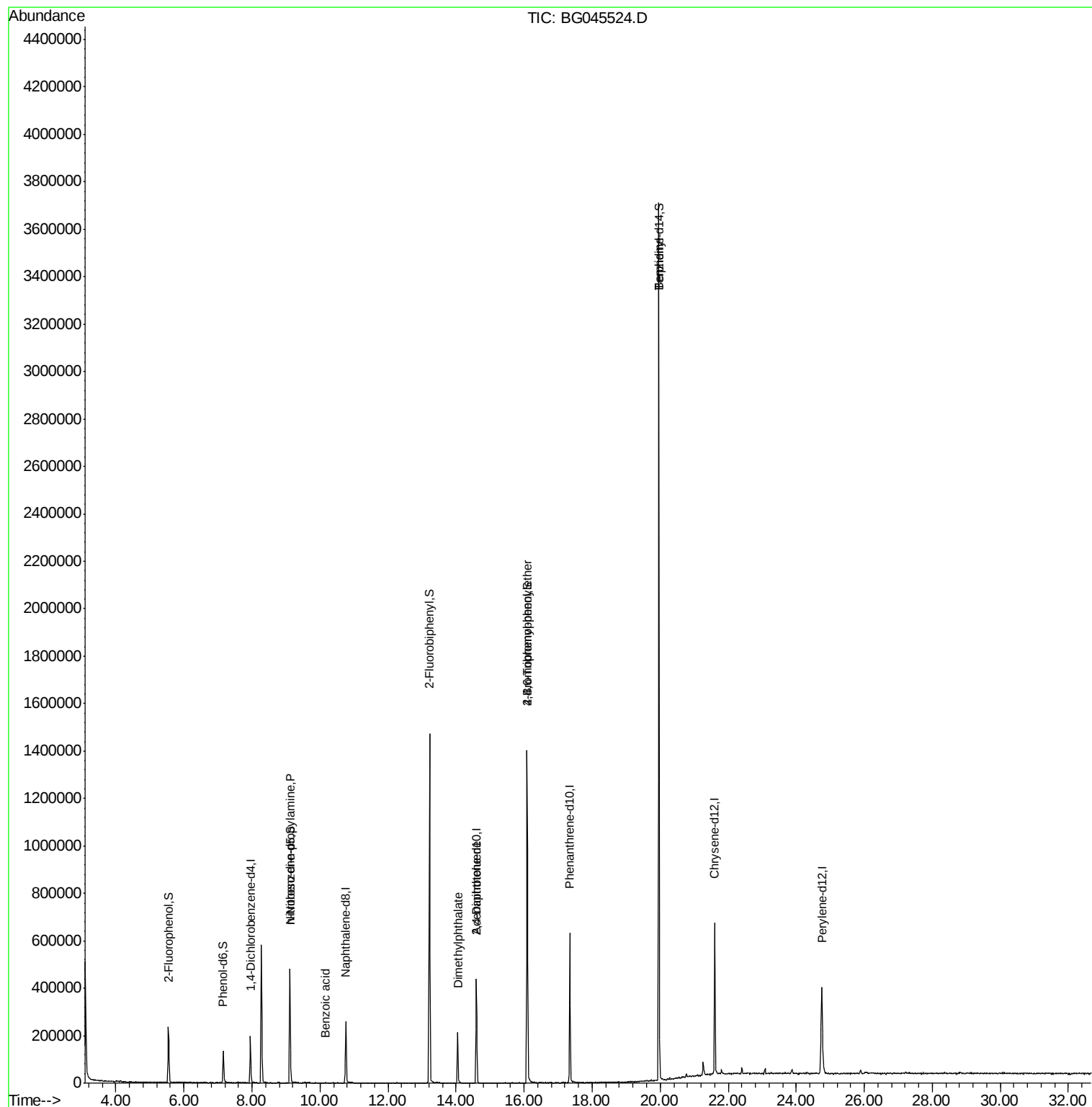
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60575	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	236330	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	172605	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	406334	20.00	ng	0.00
76) Chrysene-d12	21.60	240	411827	20.00	ng	0.00
87) Perylene-d12	24.75	264	435081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	123278	39.77	ng	0.00
7) Phenol-d6	7.16	99	99721	22.60	ng	0.00
23) Nitrobenzene-d5	9.12	82	332176	76.65	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	304704	138.04	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	845158	83.05	ng	0.00
79) Terphenyl-d14	19.96	244	1854235	105.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.12	70	44810	14.688	ng	Qvalue # 83
32) Benzoic acid	10.16	122	71	10.050	ng	# 1
50) Dimethylphthalate	14.05	163	154707	13.066	ng	100
57) 2,4-Dinitrotoluene	14.60	165	21950	5.673	ng	# 24
67) 4-Bromophenyl-phenylether	16.09	248	18616	4.231	ng	# 1
77) Benzidine	19.96	184	35017	3.027	ng	# 90

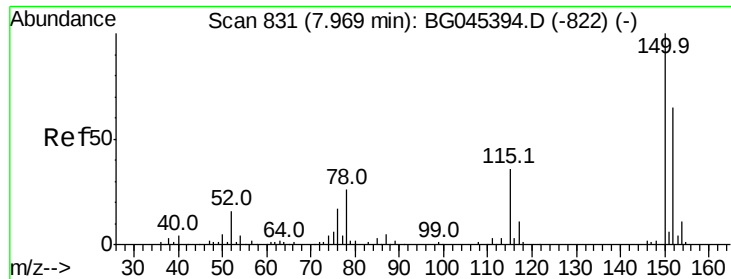
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
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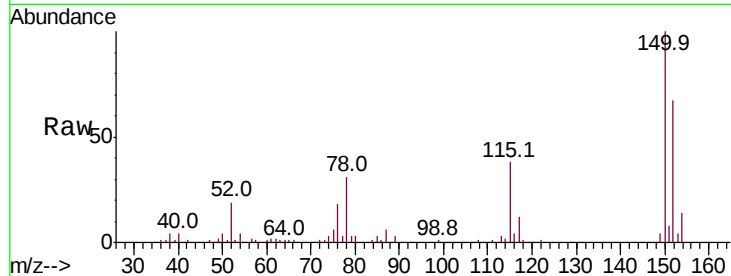


#1

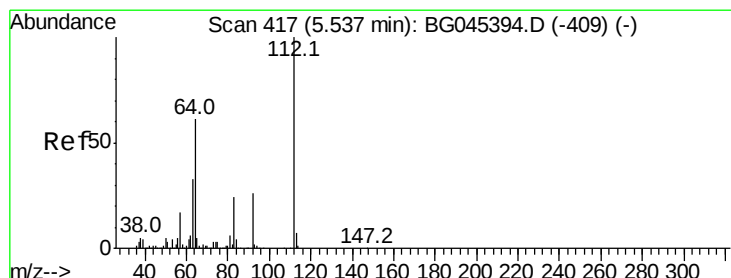
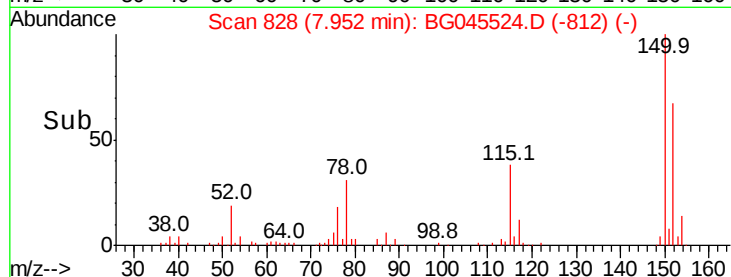
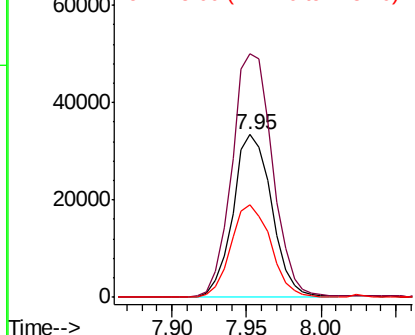
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045524.D
Acq: 29 May 2020 15:18

Instrument :
BNA_G
ClientSampleId :
NM-EB-2

Tot Ion:152 Resp: 60575
Ion Ratio Lower Upper
152 100
150 149.7 122.4 183.6
115 57.0 44.2 66.4



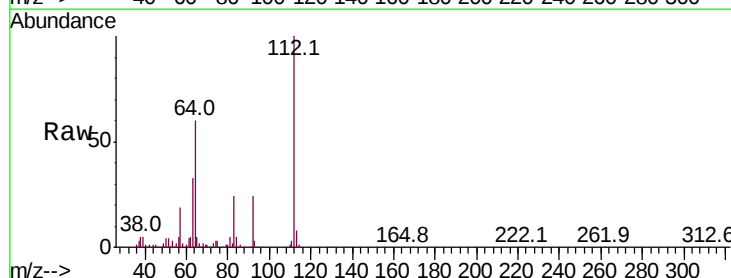
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



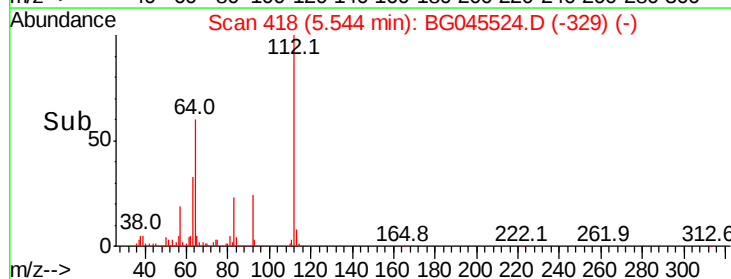
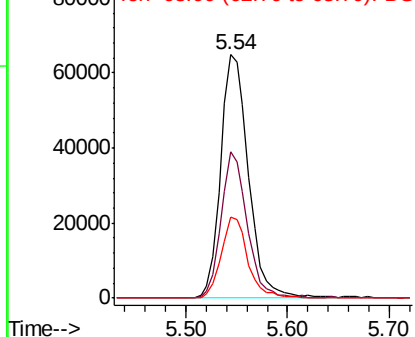
#5

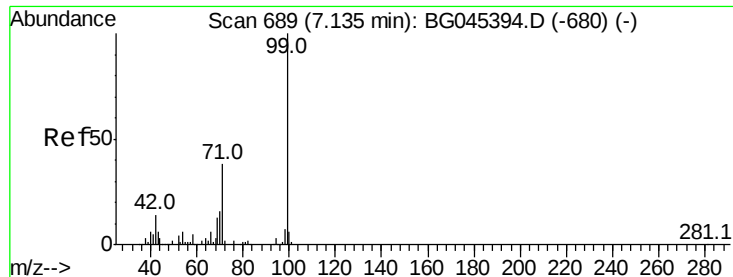
2-Fluorophenol
Concen: 39.772 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045524.D
Acq: 29 May 2020 15:18

Tgt Ion:112 Resp: 123278
Ion Ratio Lower Upper
112 100
64 60.2 48.6 72.8
63 33.2 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: 22.604 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045524.D

Acq: 29 May 2020 15:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-2

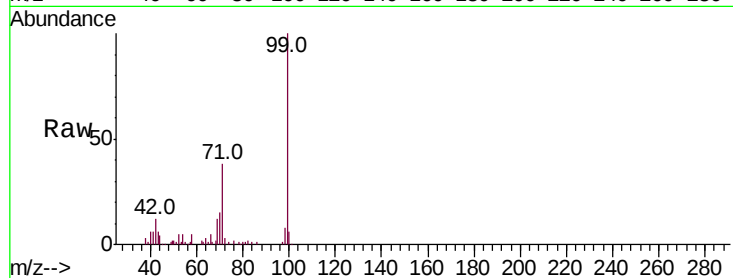
Tot Ion: 99 Resp: 99721

Ion Ratio Lower Upper

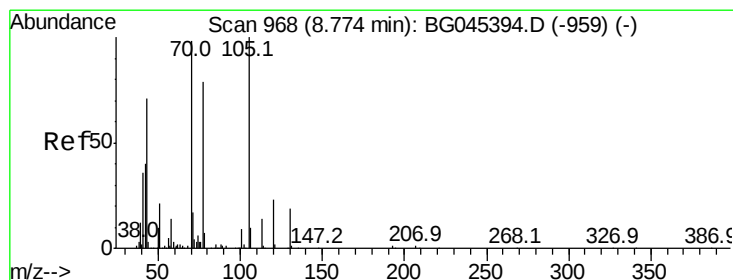
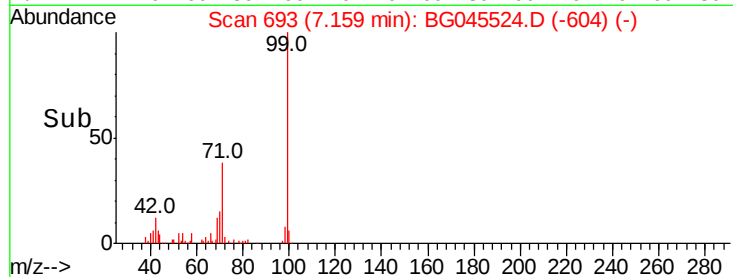
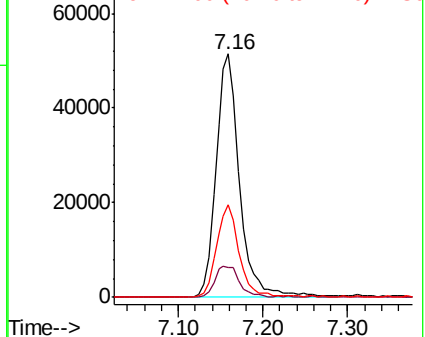
99 100

42 12.1 11.3 16.9

71 37.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.688 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045524.D

Acq: 29 May 2020 15:18

Tgt Ion: 70 Resp: 44810

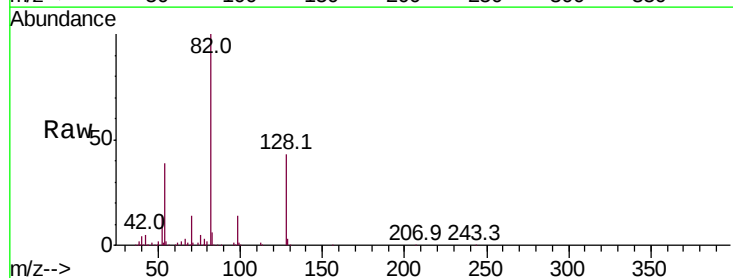
Ion Ratio Lower Upper

70 100

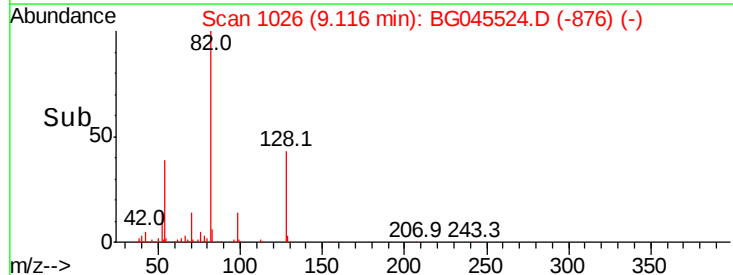
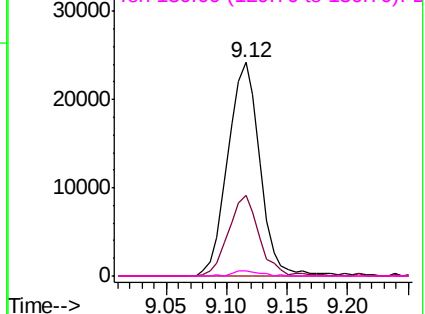
42 37.7 33.2 49.8

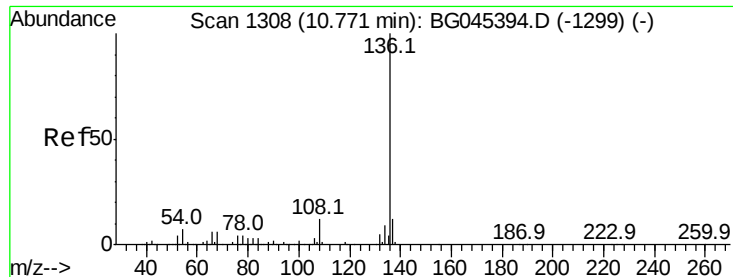
101 0.0 7.8 11.6#

130 2.5 15.4 23.2#



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

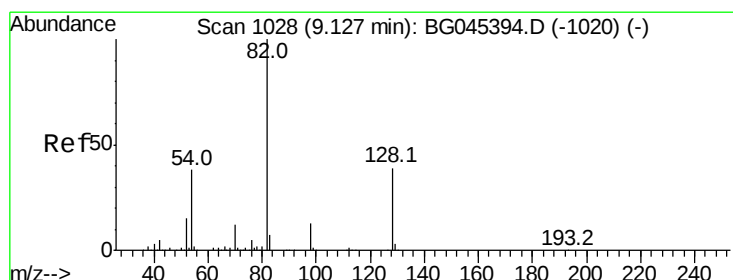
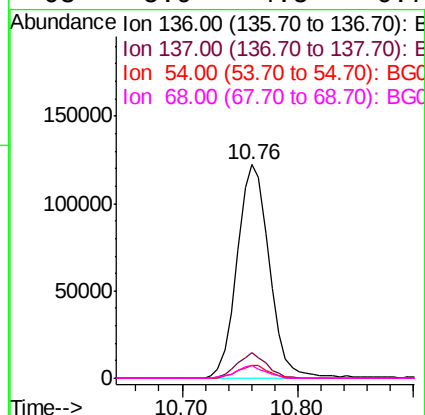
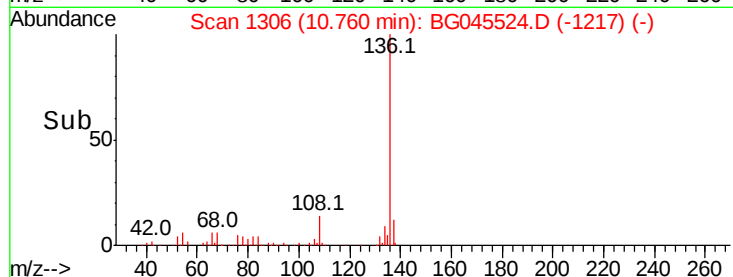
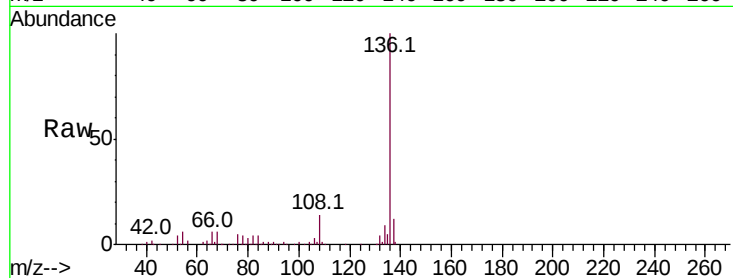




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045524.D
Acq: 29 May 2020 15:18

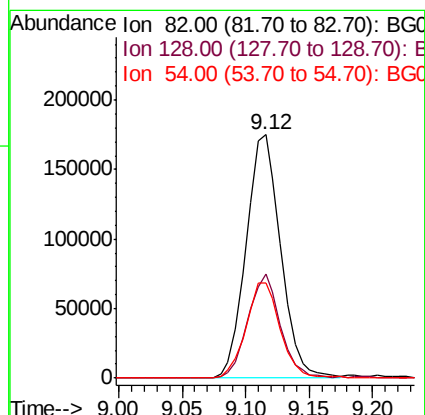
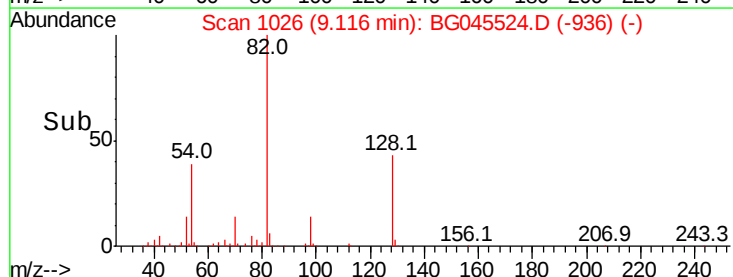
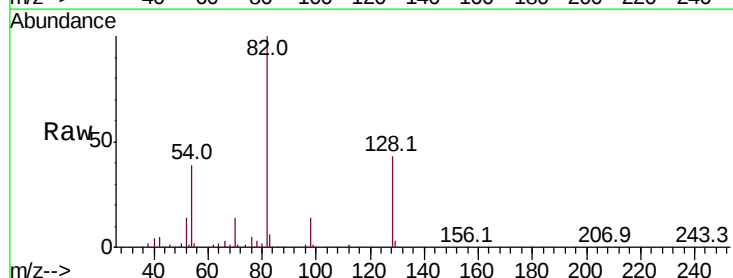
Instrument :
BNA_G
ClientSampleId :
NM-EB-2

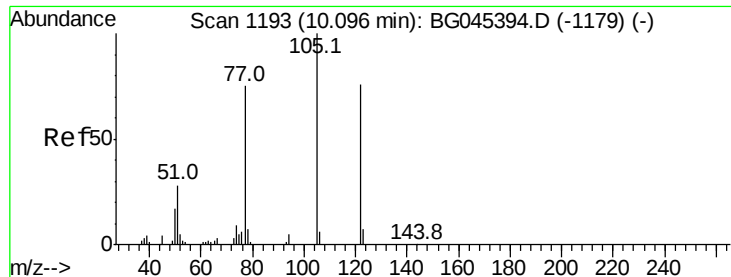
Tot Ion:136	Resp:	236330
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.4 14.2
54	5.8	5.8 8.6
68	5.9	4.5 6.7



#23
Nitrobenzene-d5
Concen: 76.647 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045524.D
Acq: 29 May 2020 15:18

Tgt Ion: 82	Resp:	332176
Ion Ratio	Lower	Upper
82	100	
128	42.7	30.9 46.3
54	39.3	30.3 45.5





#32

Benzoic acid

Concen: 10.050 ng

RT: 10.16 min Scan# 1204

Delta R.T. 0.03 min

Lab File: BG045524.D

Acq: 29 May 2020 15:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-2

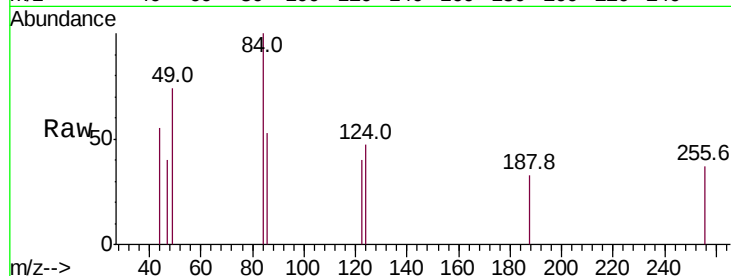
Tot Ion:122 Resp: 71

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

77 0.0 78.9 118.9#

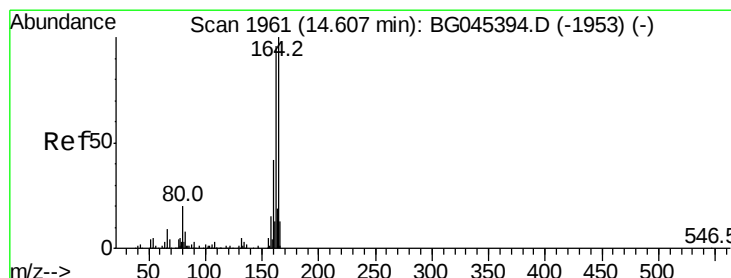
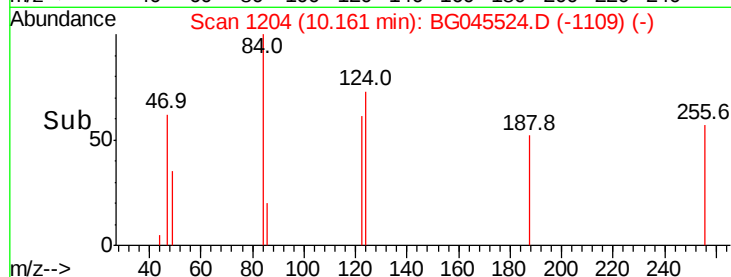
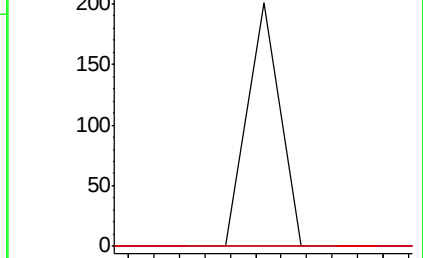


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

10.16



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG045524.D

Acq: 29 May 2020 15:18

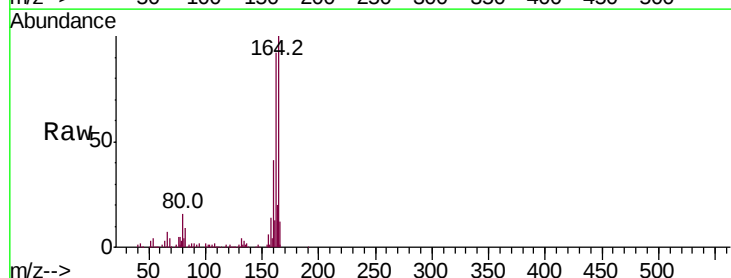
Tgt Ion:164 Resp: 172605

Ion Ratio Lower Upper

164 100

162 92.1 76.9 115.3

160 41.1 33.8 50.8

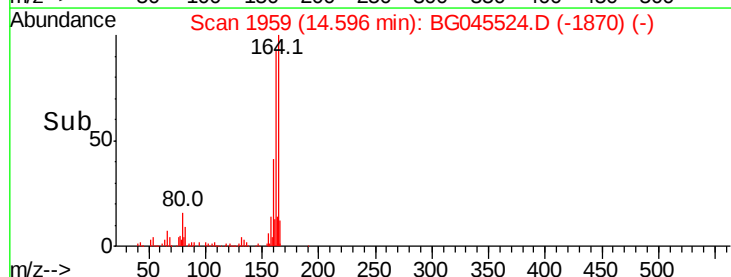
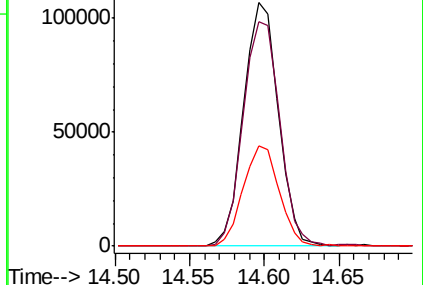


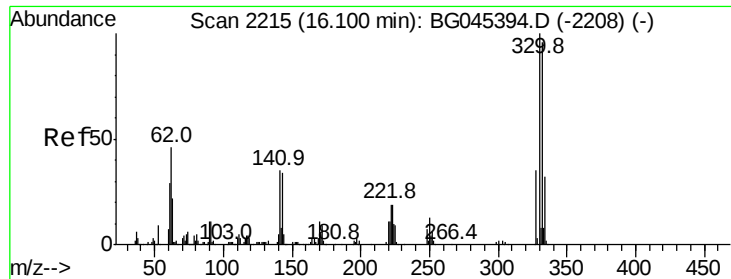
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.60

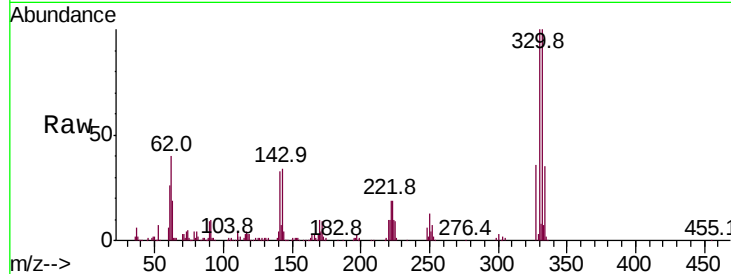




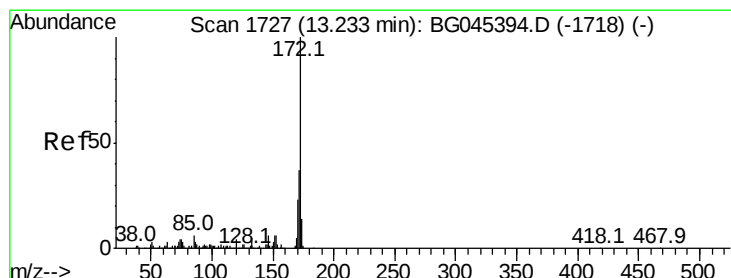
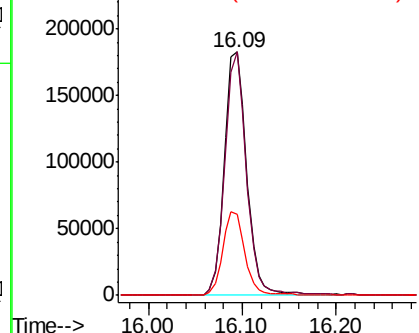
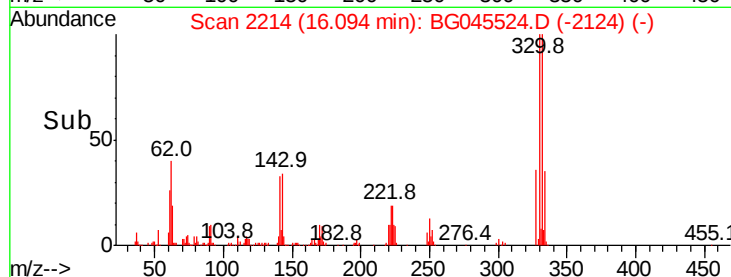
#42
 2,4,6-Tribromophenol
 Concen: 138.036 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045524.D
 Acq: 29 May 2020 15:18

Instrument :
 BNA_G
 ClientSampleID :
 NM-EB-2

Tot Ion:330 Resp: 304704
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.4
 141 34.0 28.2 42.4

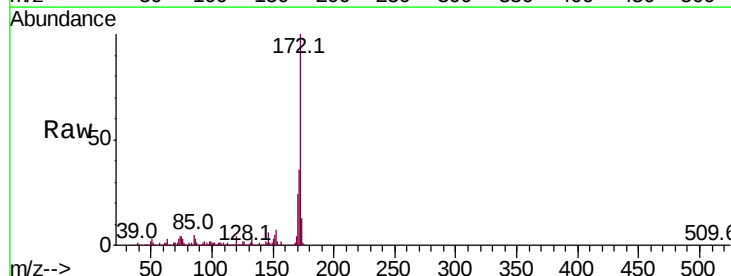


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

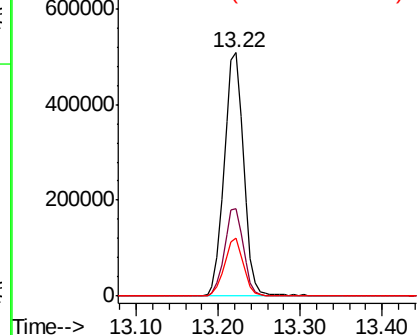
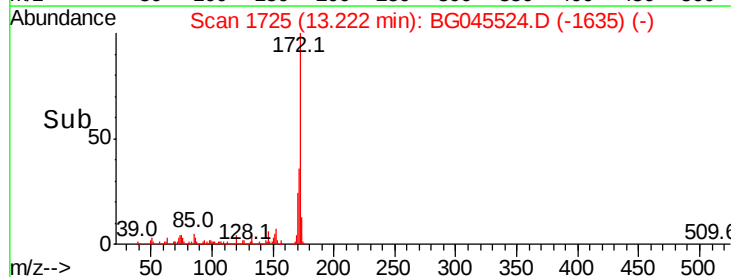


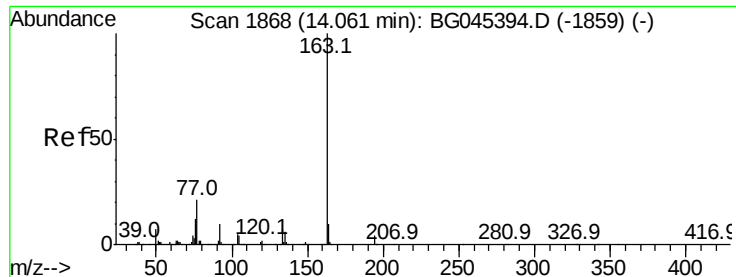
#45
 2-Fluorobiphenyl
 Concen: 83.055 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045524.D
 Acq: 29 May 2020 15:18

Tgt Ion:172 Resp: 845158
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.5 44.3
 170 23.8 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: 13.066 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045524.D

Acq: 29 May 2020 15:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-2

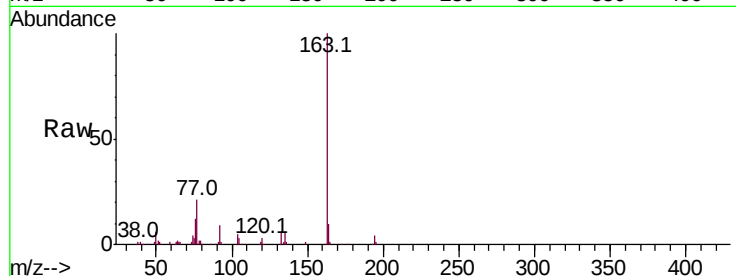
Tot Ion:163 Resp: 154707

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

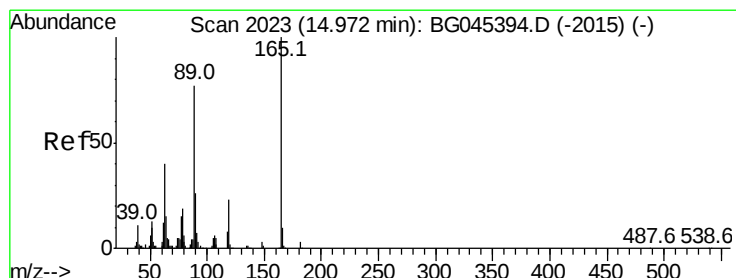
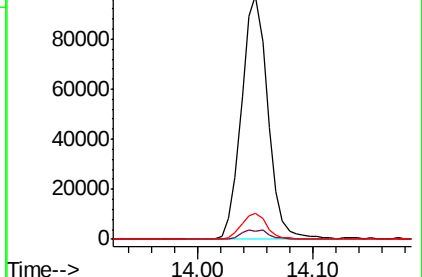
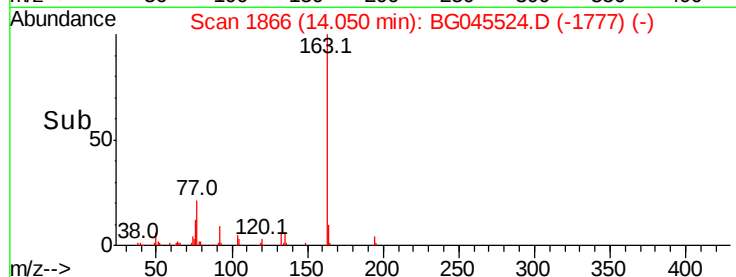
164 10.4 8.3 12.5



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: 5.673 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.37 min

Lab File: BG045524.D

Acq: 29 May 2020 15:18

Tgt Ion:165 Resp: 21950

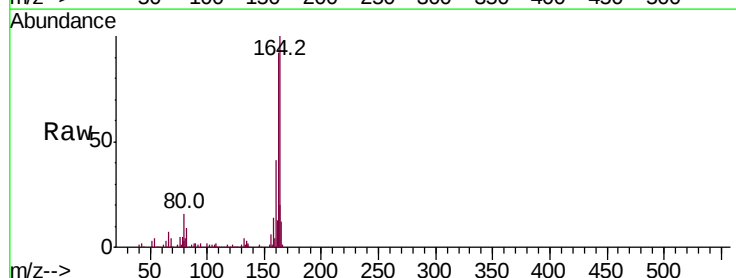
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 3.9 61.8 92.6#

182 0.0 2.3 3.5#

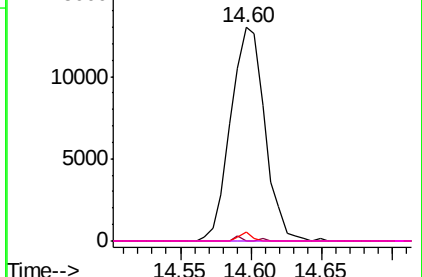
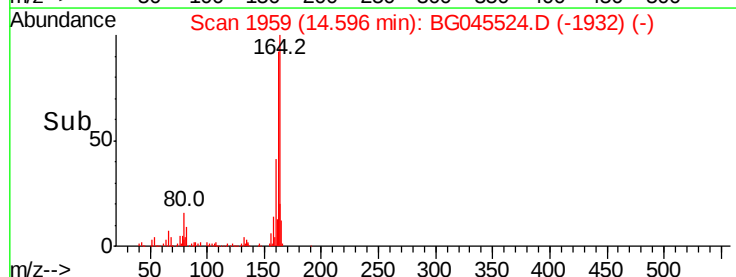


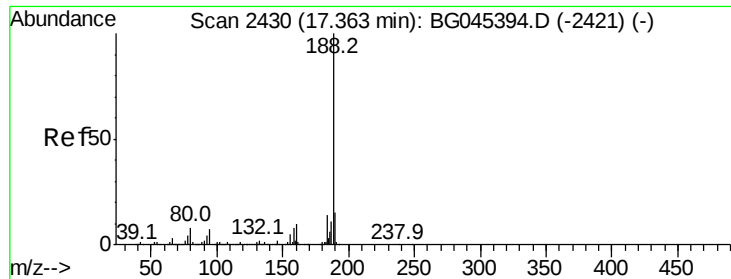
Abundance Ion 165.00 (164.70 to 165.70): E

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

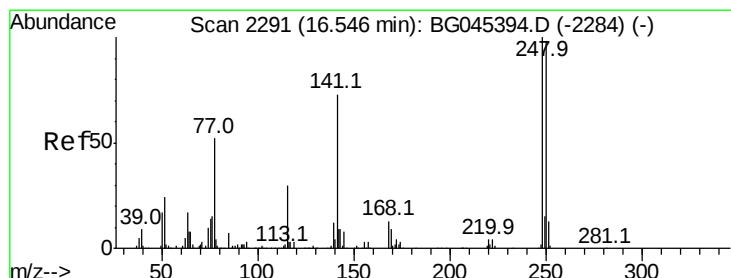
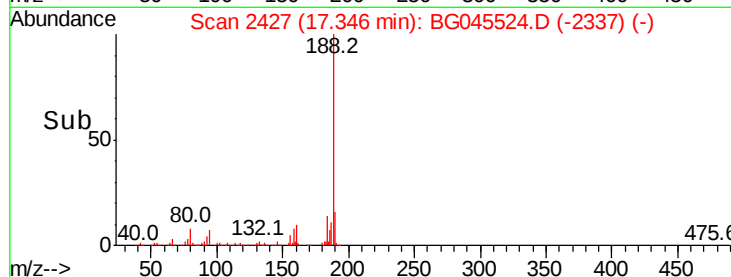
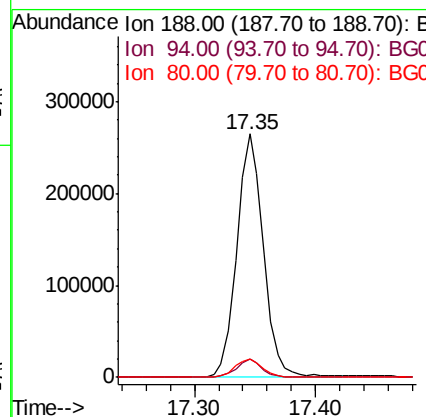
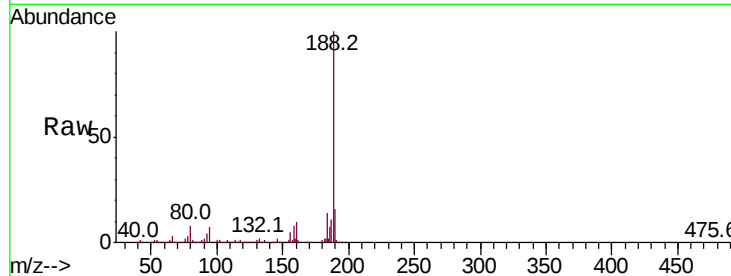




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG045524.D
 Acq: 29 May 2020 15:18

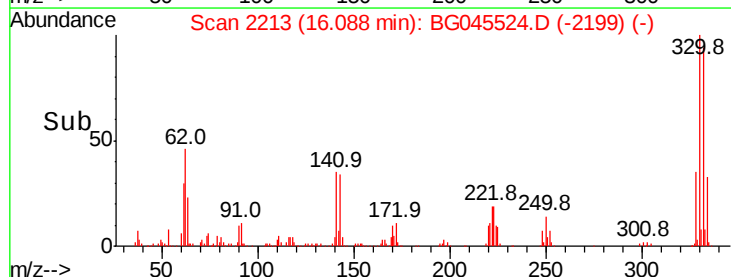
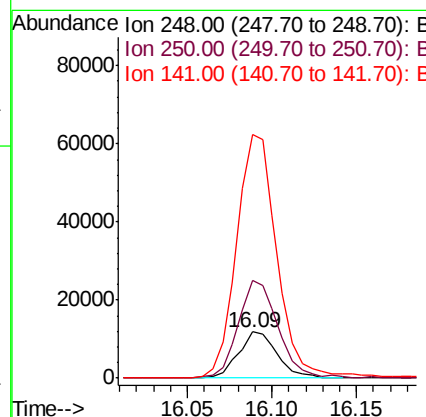
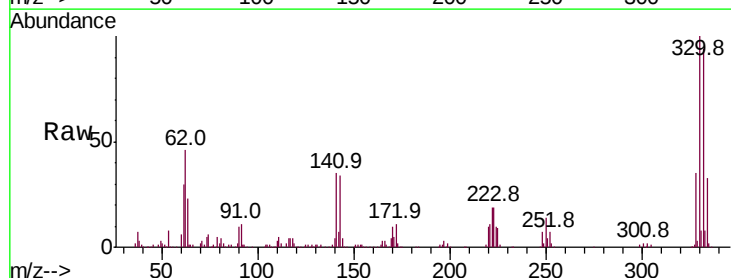
Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-2

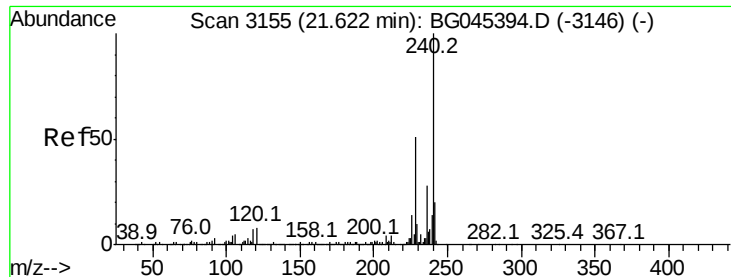
Tot Ion:188 Resp: 406334
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.5 8.3
 80 7.7 6.6 10.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.231 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.45 min
 Lab File: BG045524.D
 Acq: 29 May 2020 15:18

Tgt Ion:248 Resp: 18616
 Ion Ratio Lower Upper
 248 100
 250 210.1 78.6 117.8#
 141 525.3 58.2 87.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045524.D

Acq: 29 May 2020 15:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-2

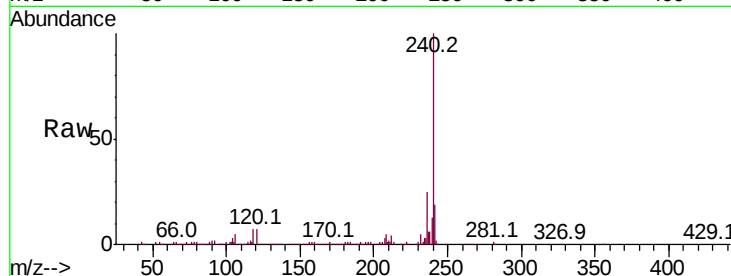
Tot Ion:240 Resp: 411827

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

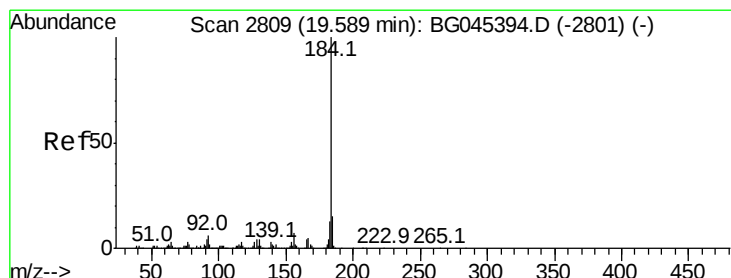
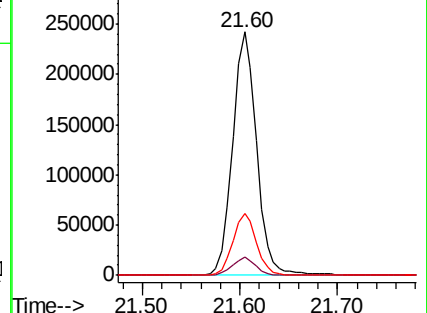
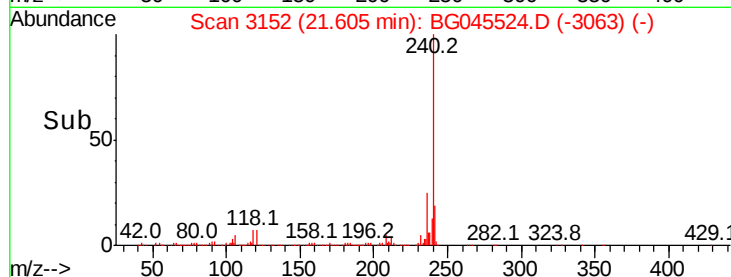
236 25.4 22.3 33.5



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: 3.027 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045524.D

Acq: 29 May 2020 15:18

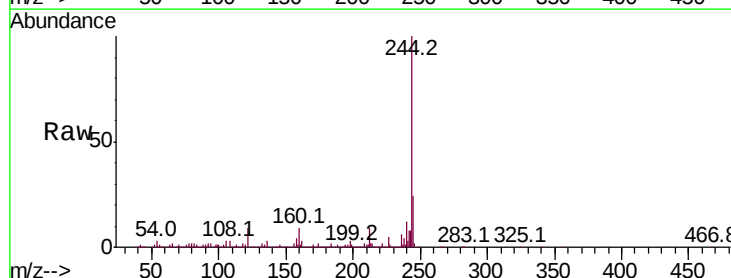
Tgt Ion:184 Resp: 35017

Ion Ratio Lower Upper

184 100

185 15.5 11.7 17.5

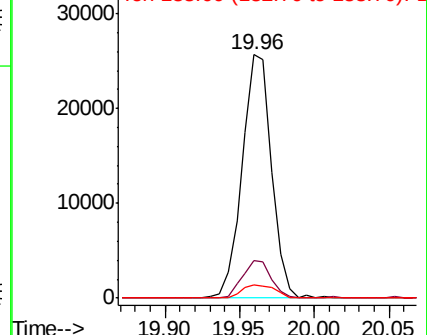
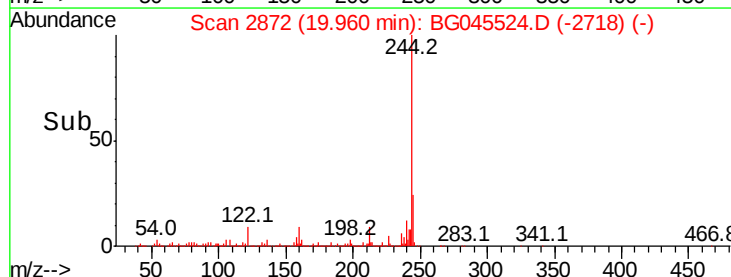
183 5.6 10.2 15.4#

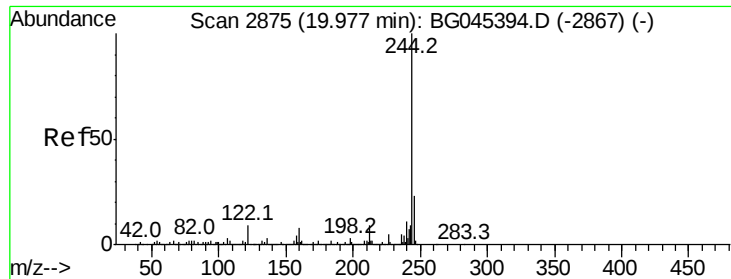


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



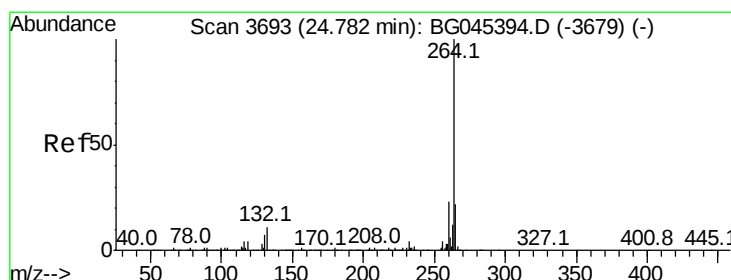
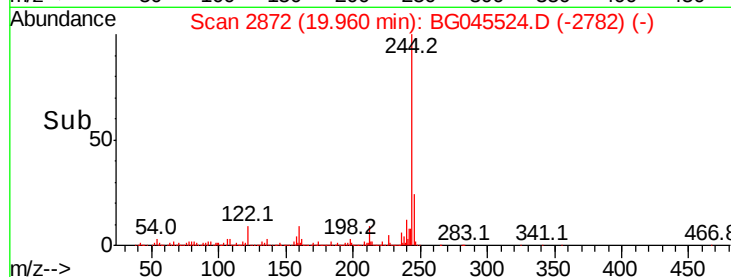
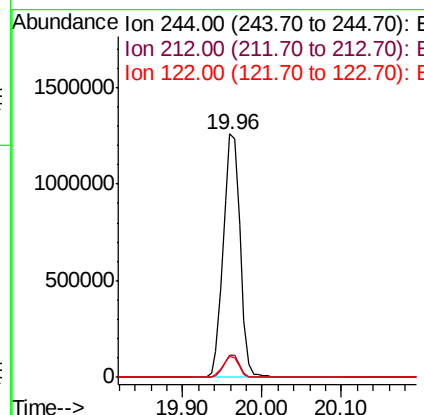
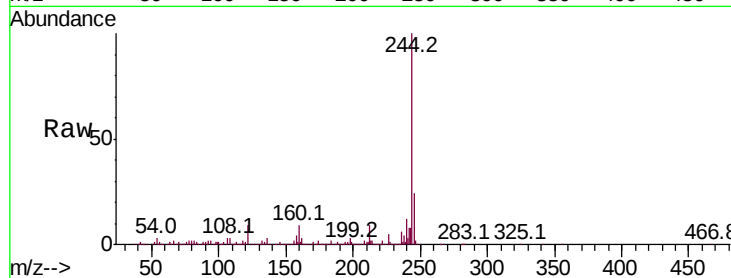


#79
 Terphenyl-d14
 Concen: 105.011 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: BG045524.D
 Acq: 29 May 2020 15:18

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-2

Tot Ion:244 Resp: 1854235

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	8.7	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: BG045524.D
 Acq: 29 May 2020 15:18

Tgt Ion:264 Resp: 435081

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.1	17.6	26.4

