

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045527.D
 Acq On : 29 May 2020 17:18
 Operator : CG/JU
 Sample : L2773-27
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-06

Quant Time: May 29 17:54:57 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

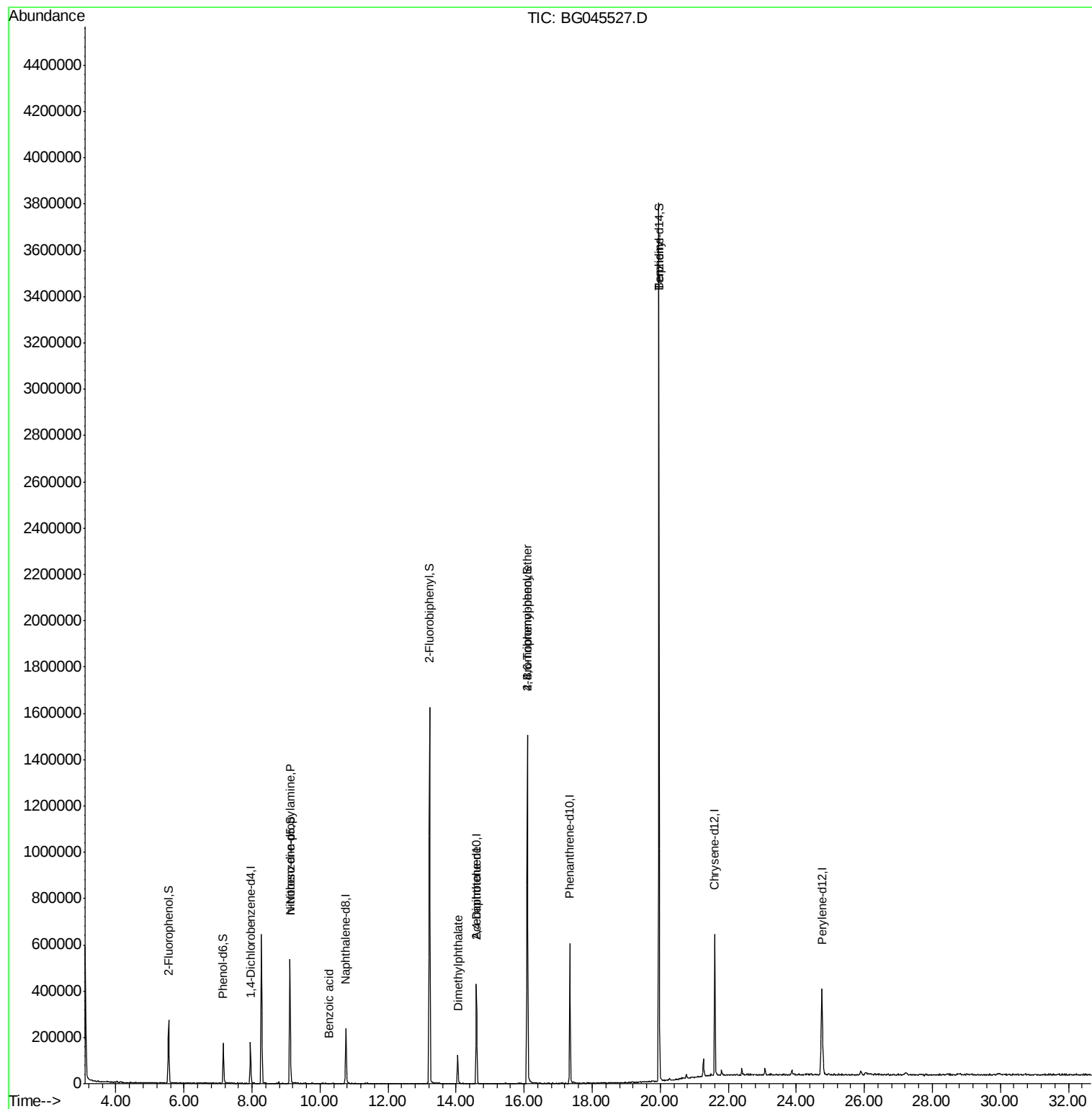
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	53685	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	216801	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	163516	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	397069	20.00	ng	0.00
76) Chrysene-d12	21.60	240	392595	20.00	ng	0.00
87) Perylene-d12	24.75	264	423079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	137588	50.09	ng	0.00
7) Phenol-d6	7.16	99	115824	29.62	ng	0.00
23) Nitrobenzene-d5	9.11	82	367963	92.55	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	310041	148.26	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	910741	94.47	ng	0.00
79) Terphenyl-d14	19.96	244	1859602	110.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	49987	18.488	ng	Qvalue # 80
32) Benzoic acid	10.25	122	55	10.046	ng	# 1
50) Dimethylphthalate	14.05	163	87925	7.838	ng	99
57) 2,4-Dinitrotoluene	14.60	165	21707	5.922	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	20547	4.779	ng	# 1
77) Benzidine	19.96	184	35678	3.236	ng	# 90

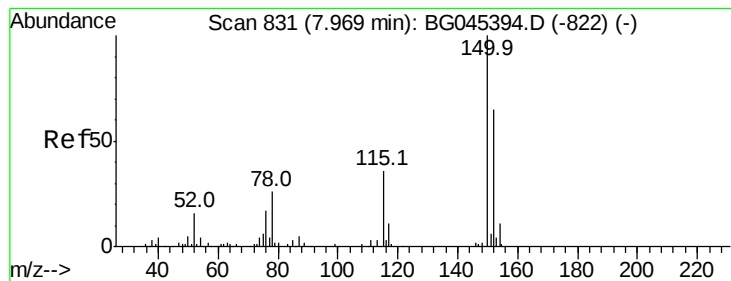
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG045527.D

Acq: 29 May 2020 17:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-06

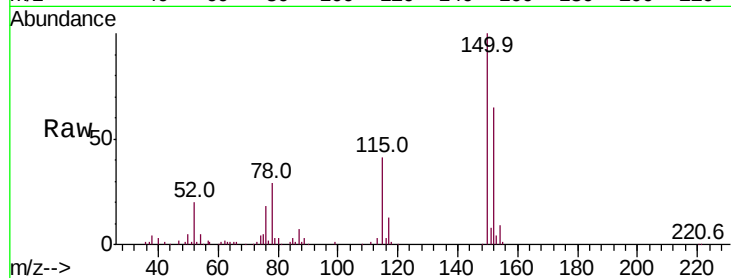
Tot Ion:152 Resp: 53685

Ion Ratio Lower Upper

152 100

150 154.1 122.4 183.6

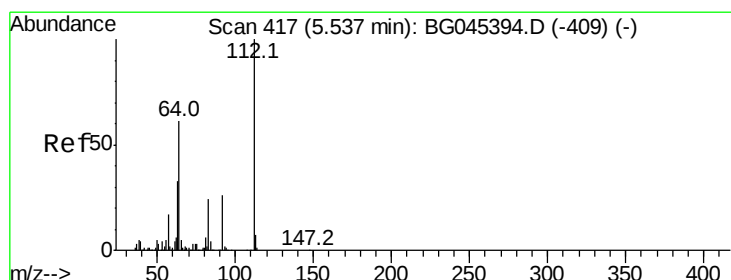
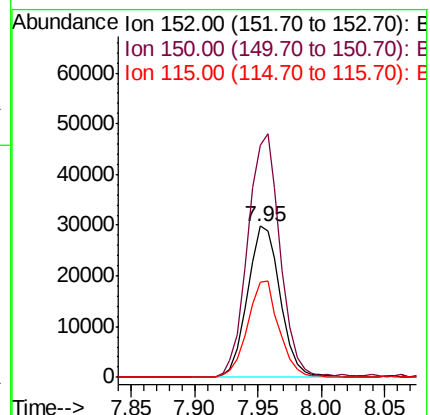
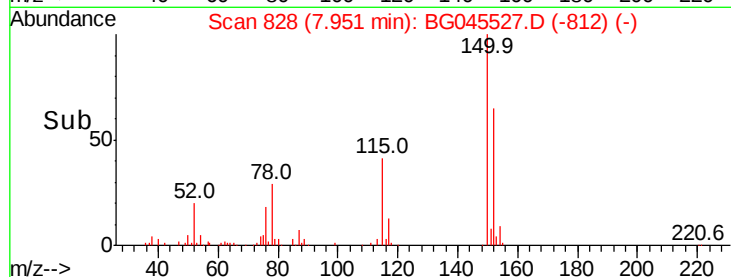
115 62.7 44.2 66.4



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: 50.086 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045527.D

Acq: 29 May 2020 17:18

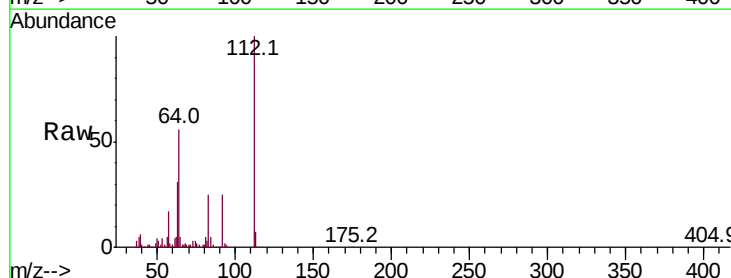
Tgt Ion:112 Resp: 137588

Ion Ratio Lower Upper

112 100

64 56.2 48.6 72.8

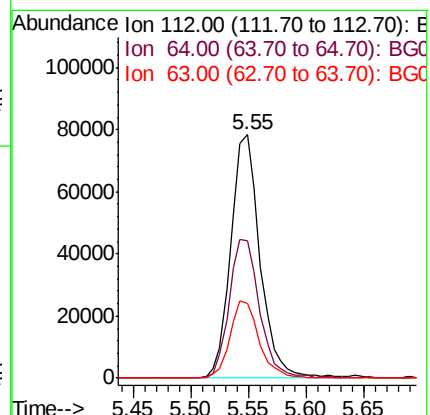
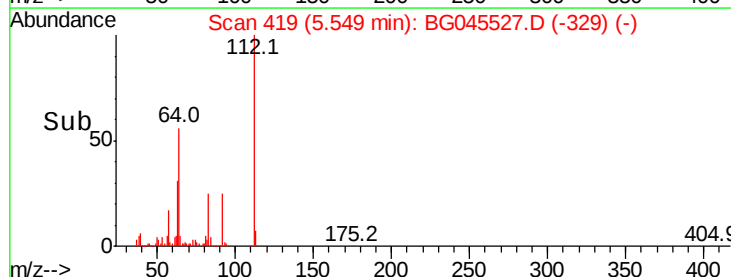
63 30.6 26.5 39.7

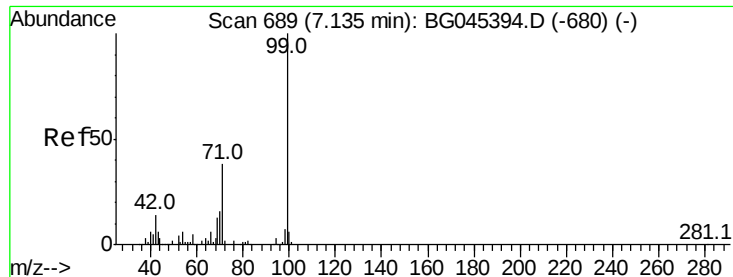


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.624 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045527.D

Acq: 29 May 2020 17:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-06

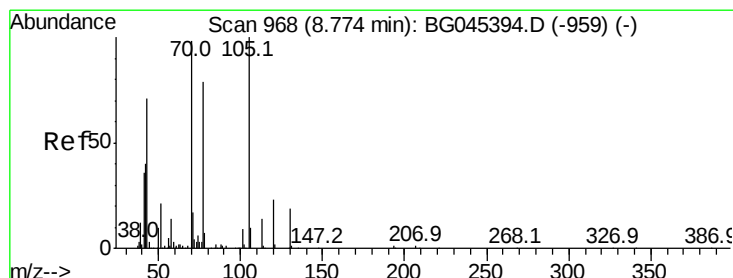
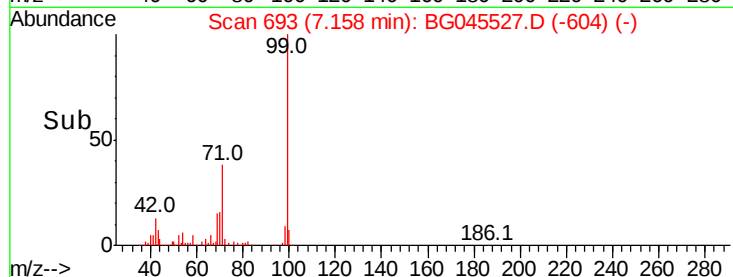
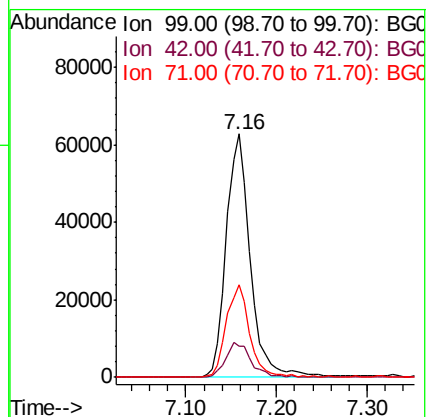
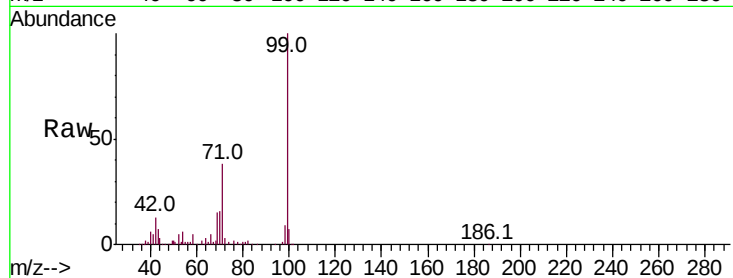
Tot Ion: 99 Resp: 115824

Ion Ratio Lower Upper

99 100

42 12.6 11.3 16.9

71 37.8 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.488 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045527.D

Acq: 29 May 2020 17:18

Tgt Ion: 70 Resp: 49987

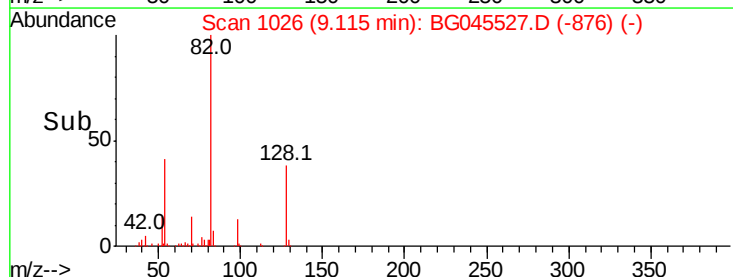
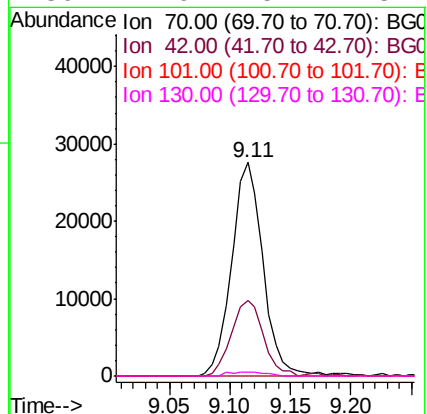
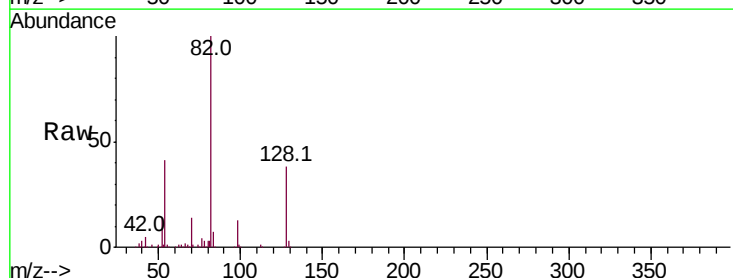
Ion Ratio Lower Upper

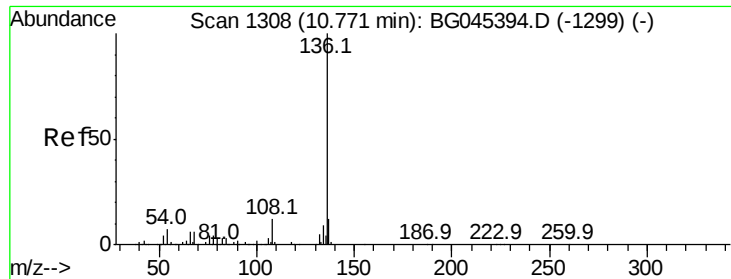
70 100

42 35.3 33.2 49.8

101 0.0 7.8 11.6#

130 1.9 15.4 23.2#

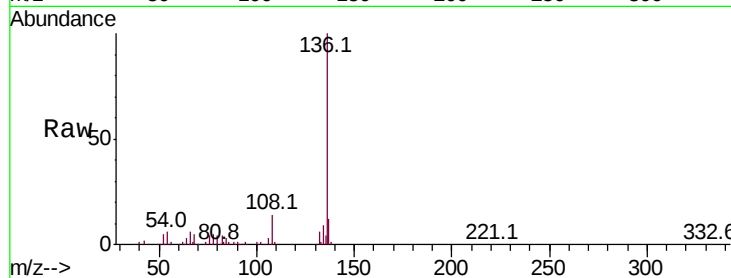




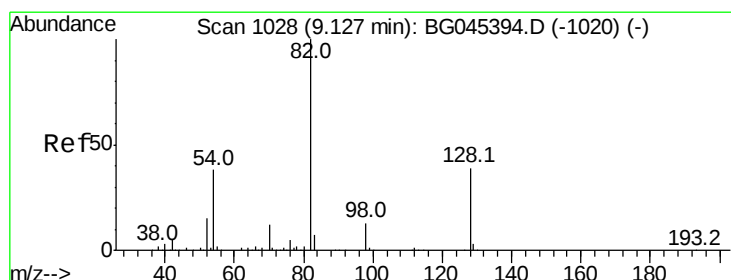
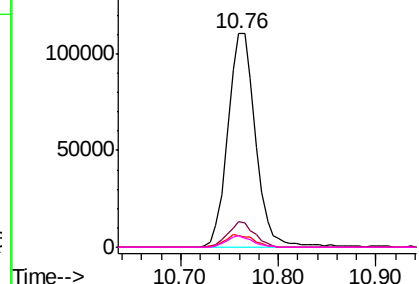
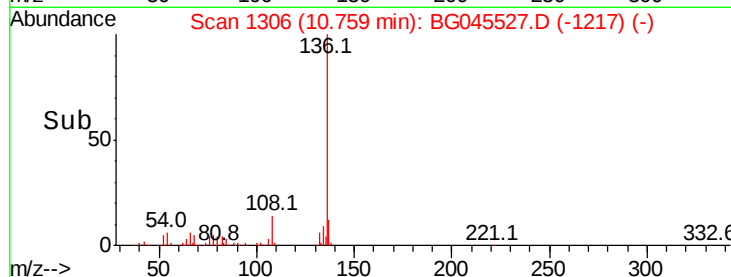
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045527.D
Acq: 29 May 2020 17:18

Instrument :
BNA_G
ClientSampleId :
NM-EB-06

Tot Ion:	136	Resp:	216801
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.2
54	5.6	5.8	8.6#
68	5.5	4.5	6.7

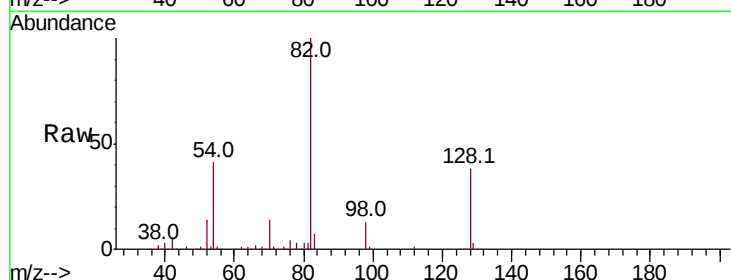


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

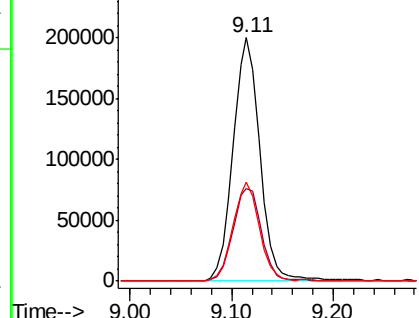
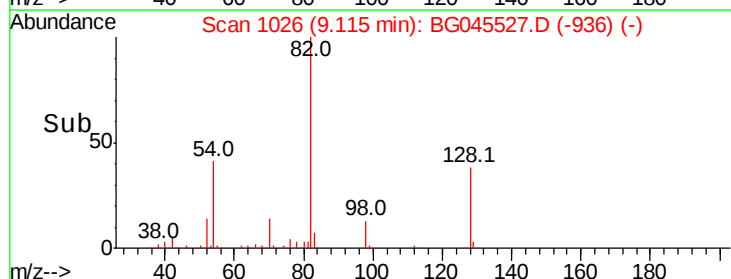


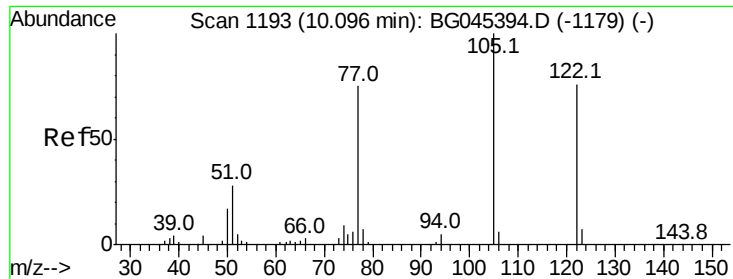
#23
Nitrobenzene-d5
Concen: 92.553 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045527.D
Acq: 29 May 2020 17:18

Tgt Ion:	82	Resp:	367963
Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.9	46.3
54	40.5	30.3	45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

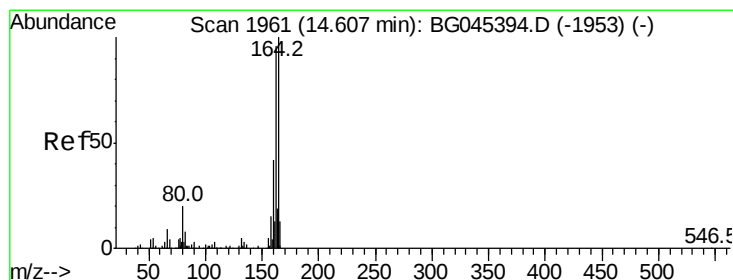
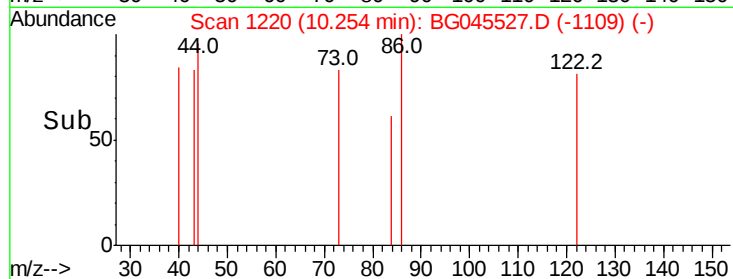
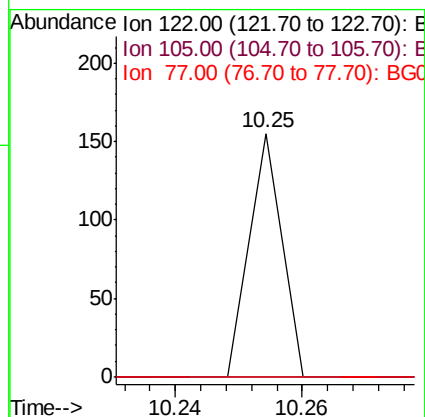
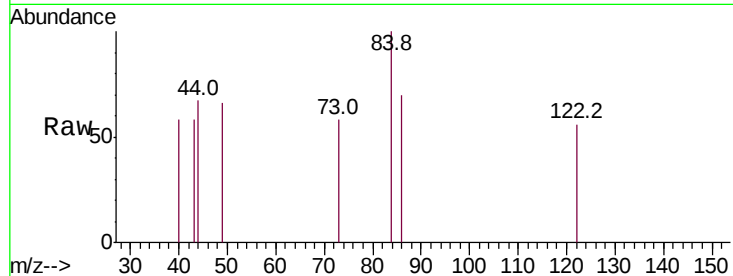




#32
Benzoic acid
Concen: 10.046 ng
RT: 10.25 min Scan# 1220
Delta R.T. 0.12 min
Lab File: BG045527.D
Acq: 29 May 2020 17:18

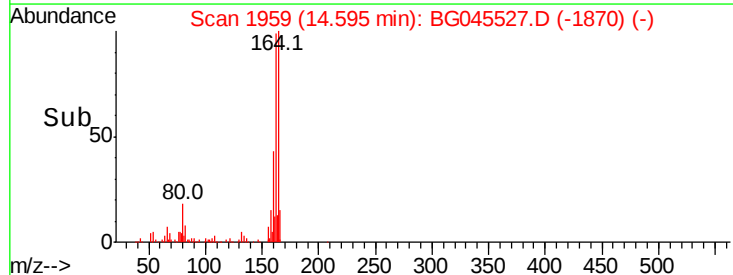
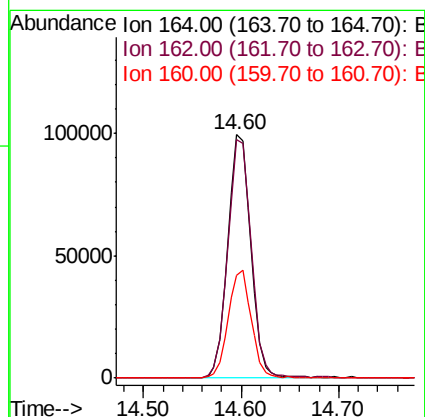
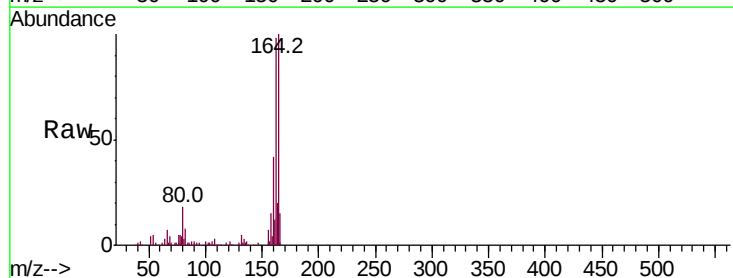
Instrument :
BNA_G
ClientSampleId :
NM-EB-06

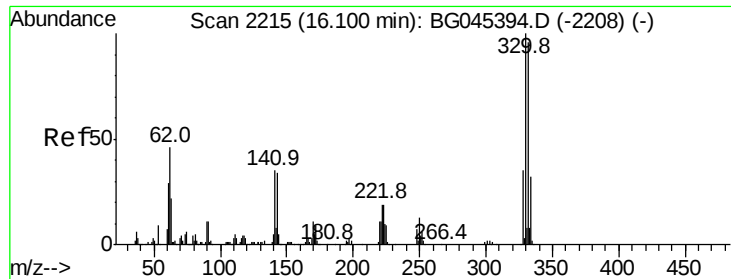
Tot Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045527.D
Acq: 29 May 2020 17:18

Tgt Ion:164 Resp: 163516
Ion Ratio Lower Upper
164 100
162 98.1 76.9 115.3
160 42.5 33.8 50.8

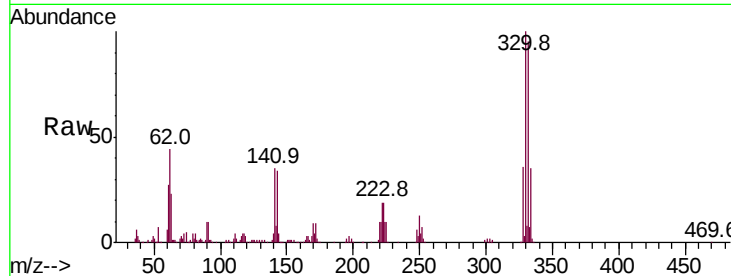




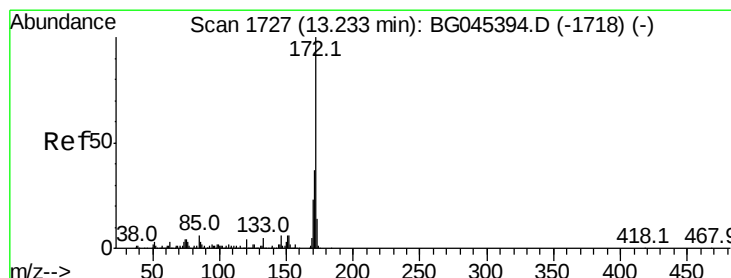
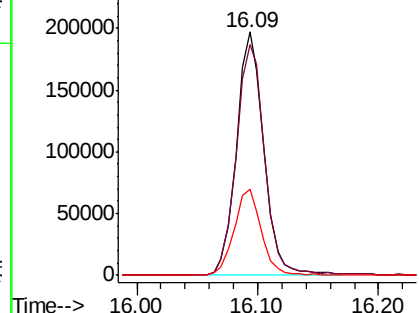
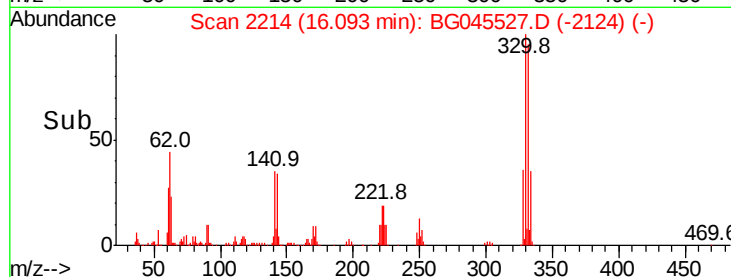
#42
 2,4,6-Tribromophenol
 Concen: 148.261 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045527.D
 Acq: 29 May 2020 17:18

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-06

Tot Ion:330 Resp: 310041
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.2 117.4
 141 35.4 28.2 42.4

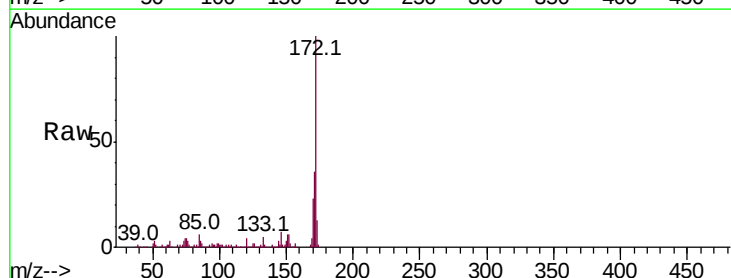


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

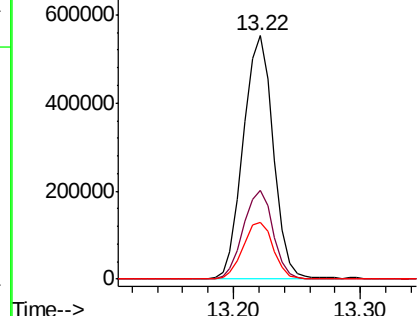
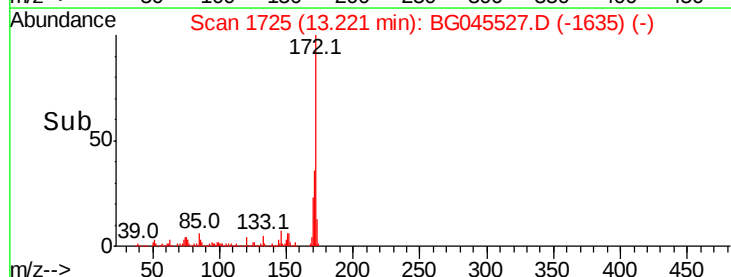


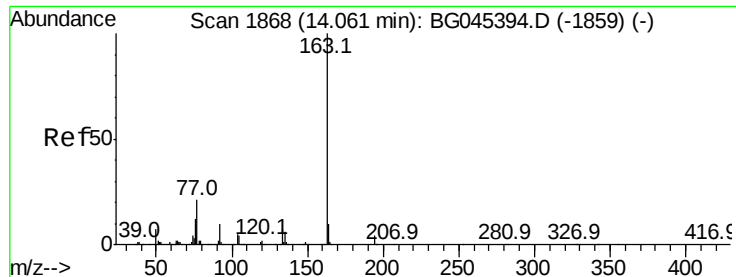
#45
 2-Fluorobiphenyl
 Concen: 94.474 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045527.D
 Acq: 29 May 2020 17:18

Tgt Ion:172 Resp: 910741
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 23.2 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

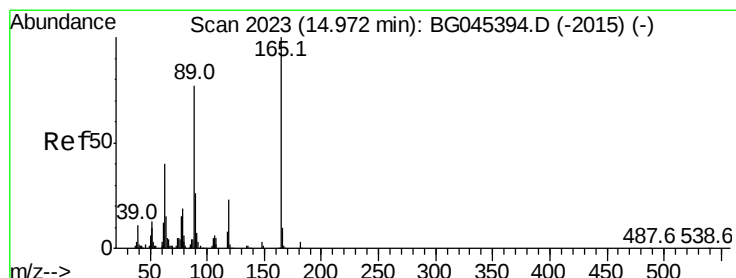
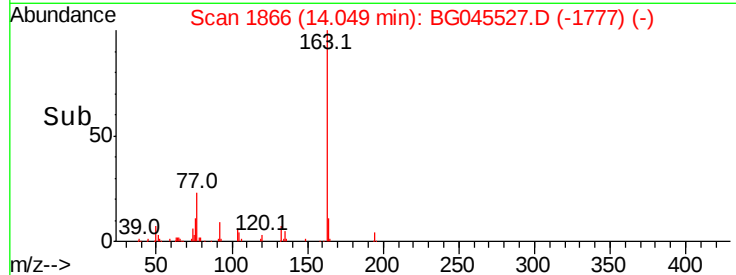
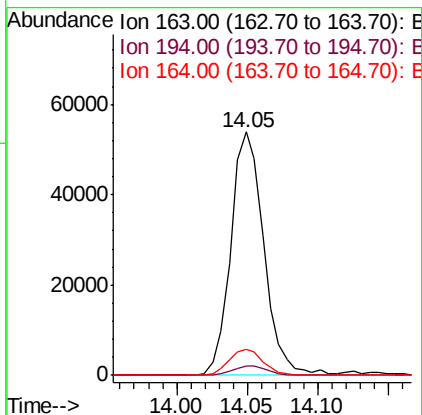
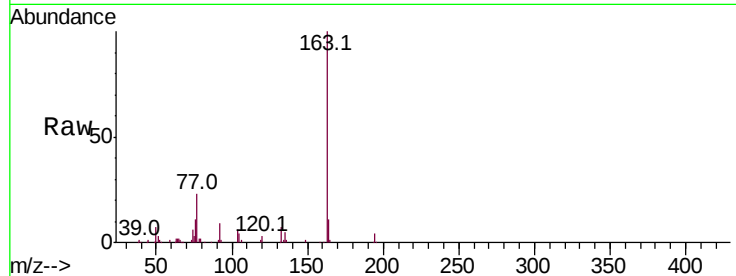




#50
Dimethylphthalate
Concen: 7.838 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045527.D
Acq: 29 May 2020 17:18

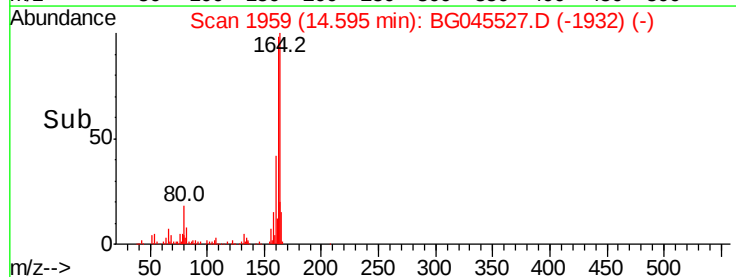
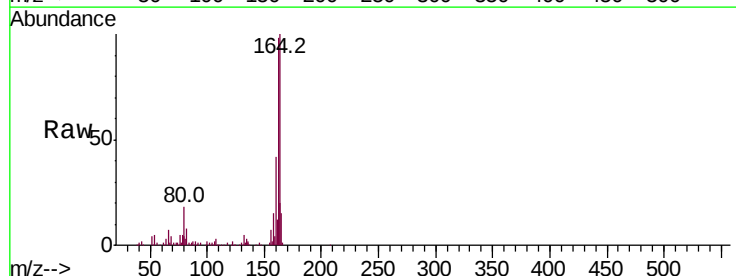
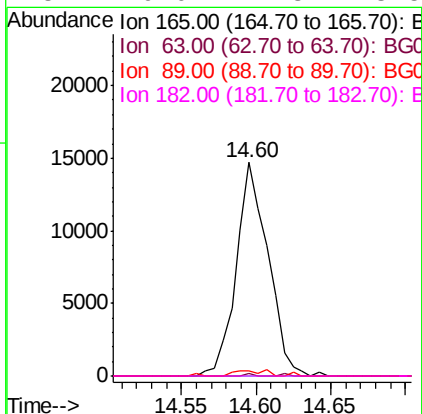
Instrument :
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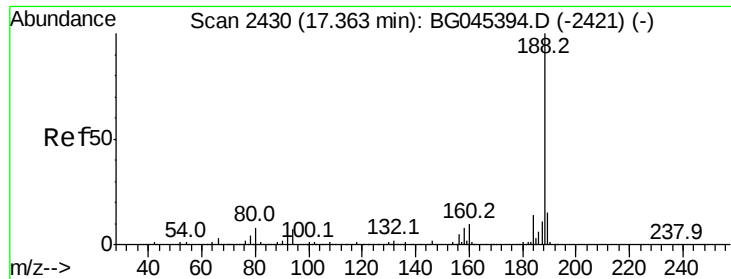
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.7	8.3	12.5



#57
2,4-Dinitrotoluene
Concen: 5.922 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.37 min
Lab File: BG045527.D
Acq: 29 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	2.6	61.8	92.6#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045527.D

Acq: 29 May 2020 17:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-06

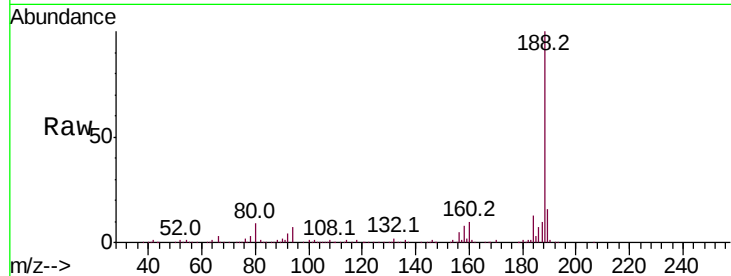
Tot Ion:188 Resp: 397069

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

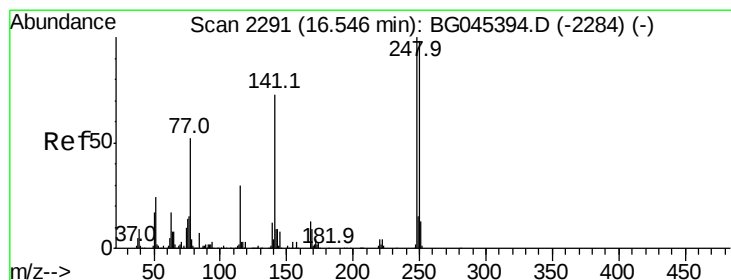
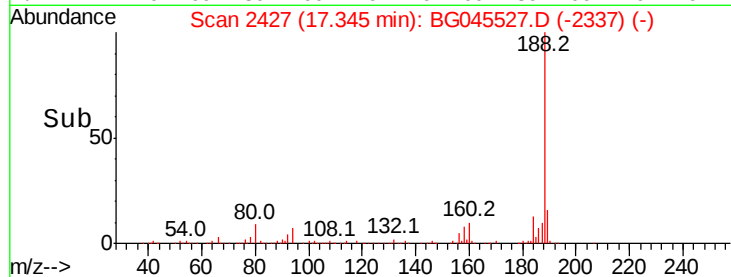
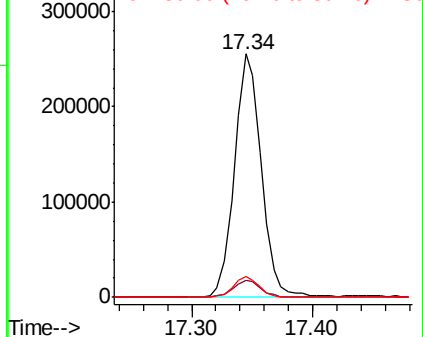
80 8.5 6.6 10.0



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: 4.779 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.44 min

Lab File: BG045527.D

Acq: 29 May 2020 17:18

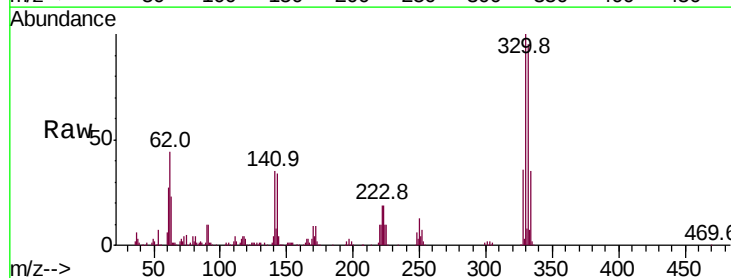
Tgt Ion:248 Resp: 20547

Ion Ratio Lower Upper

248 100

250 213.4 78.6 117.8#

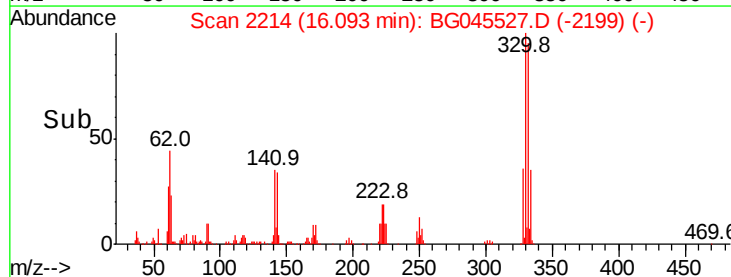
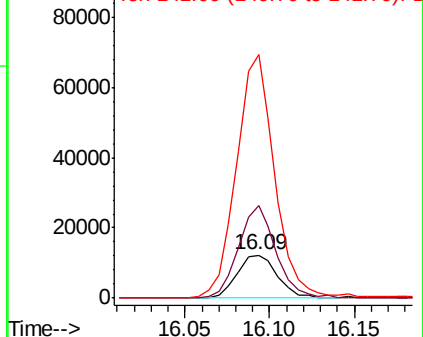
141 564.8 58.2 87.2#

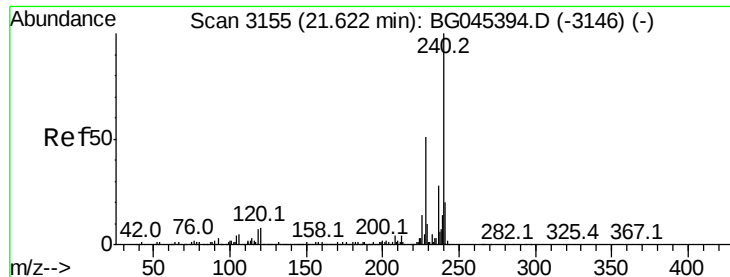


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG045527.D

Acq: 29 May 2020 17:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-06

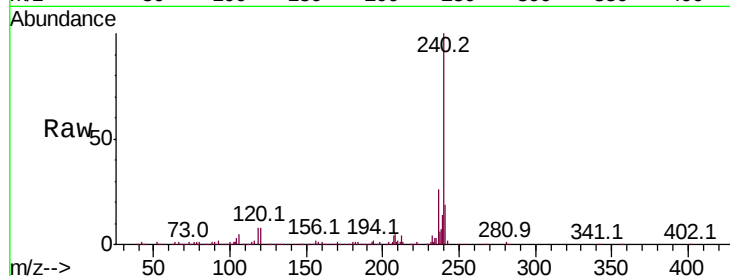
Tot Ion:240 Resp: 392595

Ion Ratio Lower Upper

240 100

120 7.8 6.1 9.1

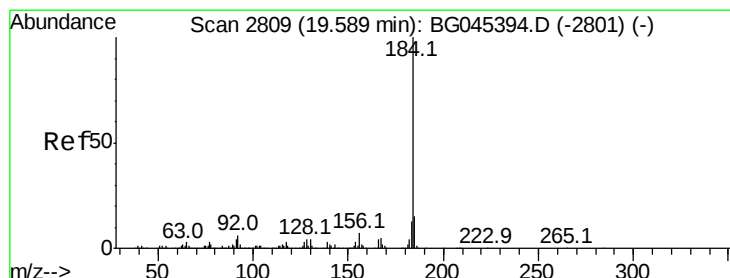
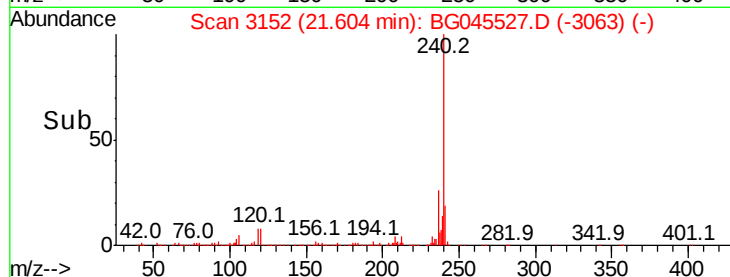
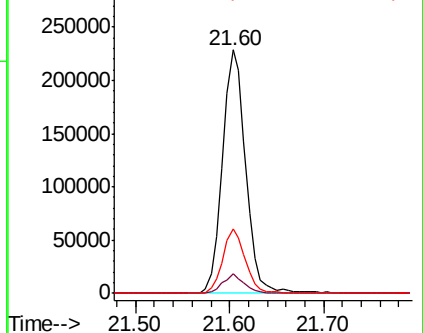
236 26.5 22.3 33.5



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: 3.236 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045527.D

Acq: 29 May 2020 17:18

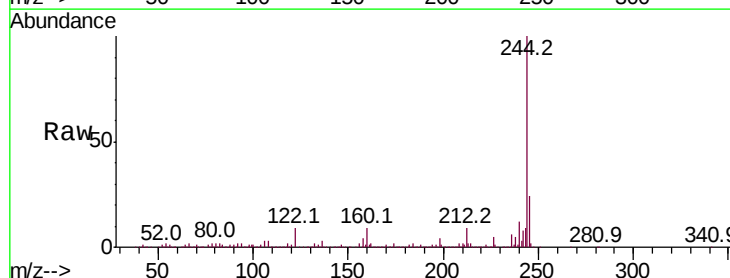
Tgt Ion:184 Resp: 35678

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

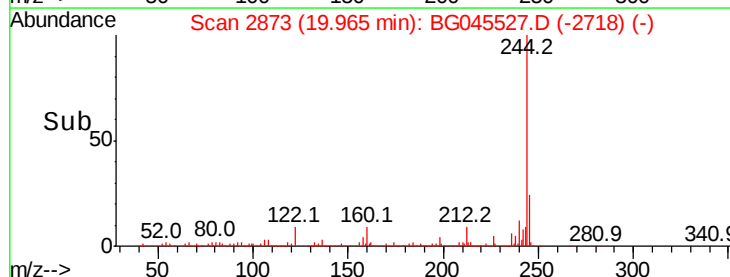
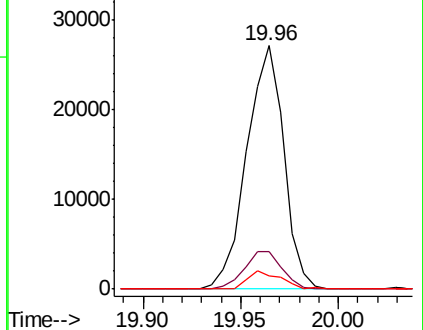
183 5.6 10.2 15.4#

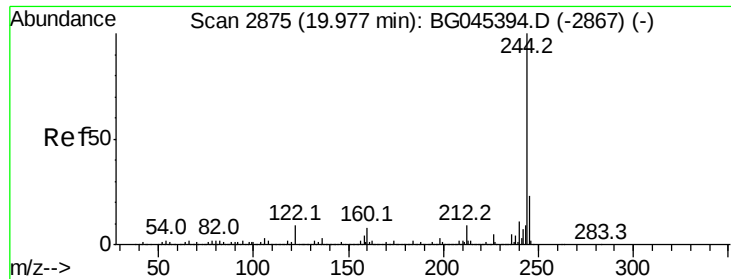


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 110.474 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045527.D

Acq: 29 May 2020 17:18

Instrument :

BNA_G

ClientSampleId :

NM-EB-06

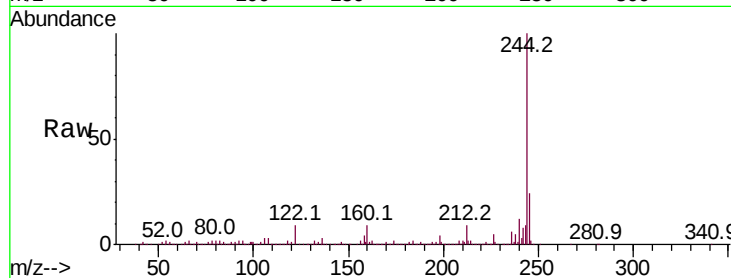
Tot Ion:244 Resp: 1859602

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

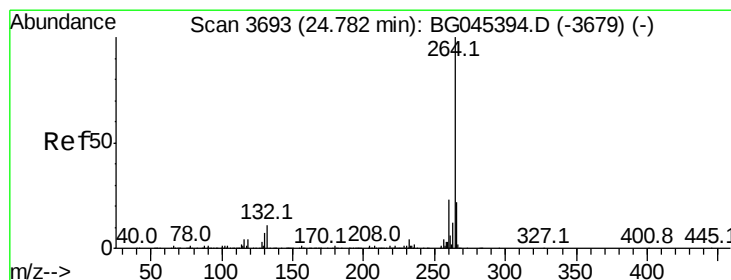
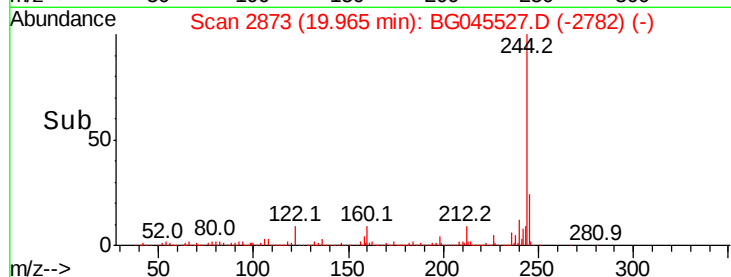
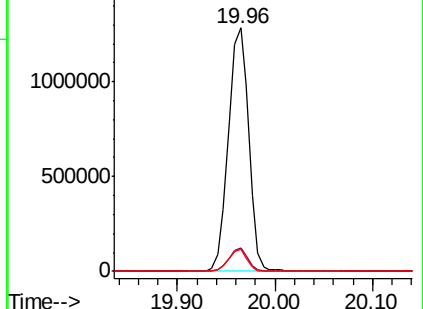
122 8.9 6.8 10.2



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: BG045527.D

Acq: 29 May 2020 17:18

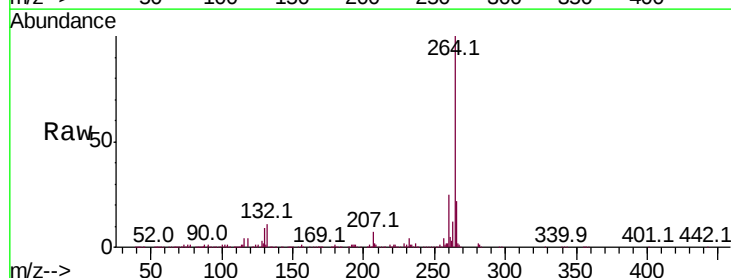
Tgt Ion:264 Resp: 423079

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 22.5 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

