

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045533.D
 Acq On : 29 May 2020 21:20
 Operator : CG/JU
 Sample : L2775-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UNPAINTED-CURB

Quant Time: May 30 00:30:07 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

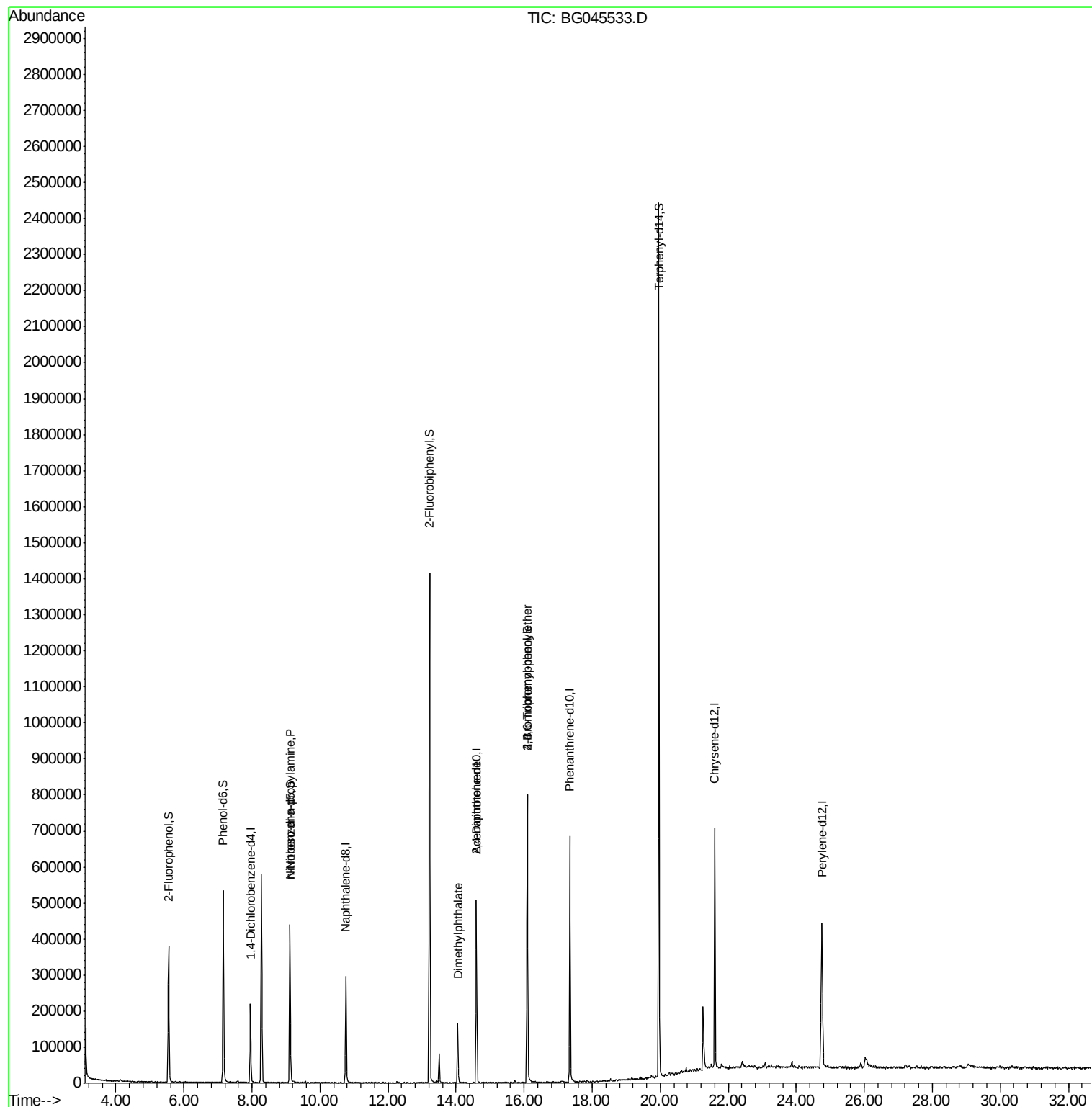
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66035	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	273449	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	198641	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	468388	20.00	ng	0.00
76) Chrysene-d12	21.60	240	430907	20.00	ng	0.00
87) Perylene-d12	24.75	264	461752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	196688	58.21	ng	0.00
7) Phenol-d6	7.16	99	372933	77.54	ng	0.00
23) Nitrobenzene-d5	9.11	82	311874	62.19	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	170862	67.26	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	758664	64.78	ng	0.00
79) Terphenyl-d14	19.96	244	1269329	68.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	40348	12.132	ng	Qvalue # 84
50) Dimethylphthalate	14.05	163	122763	9.009	ng	99
57) 2,4-Dinitrotoluene	14.59	165	25777	5.788	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	10707	2.111	ng	# 1

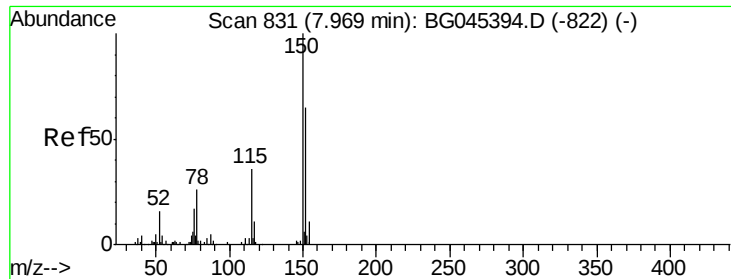
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
Data File : BG045533.D
Acq On : 29 May 2020 21:20
Operator : CG/JU
Sample : L2775-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UNPAINTED-CURB

Quant Time: May 30 00:30:07 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



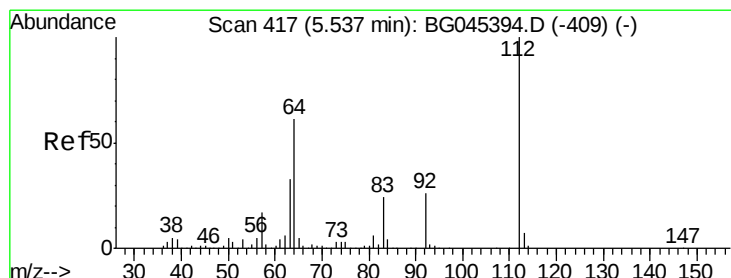
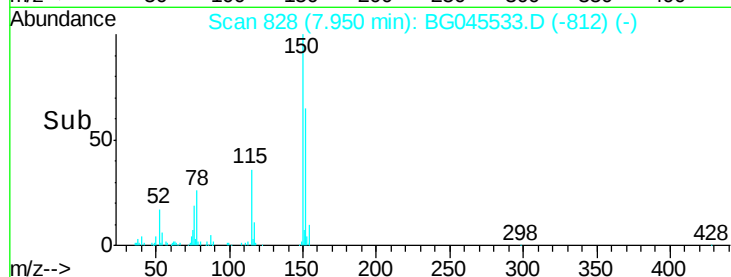
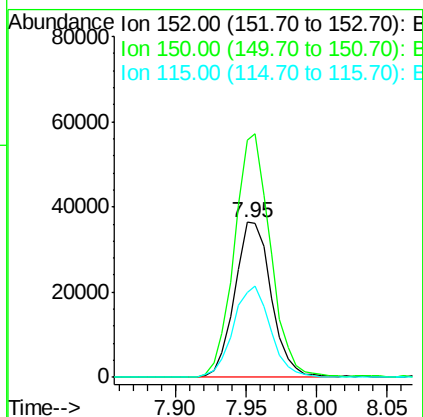
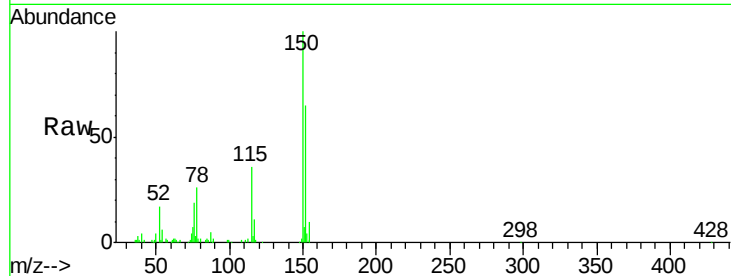


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045533.D
Acq: 29 May 2020 21:20

Instrument :
BNA_G
ClientSampleId :
UNPAINTED-CURB

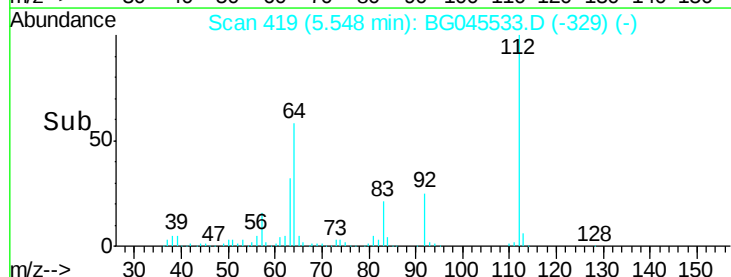
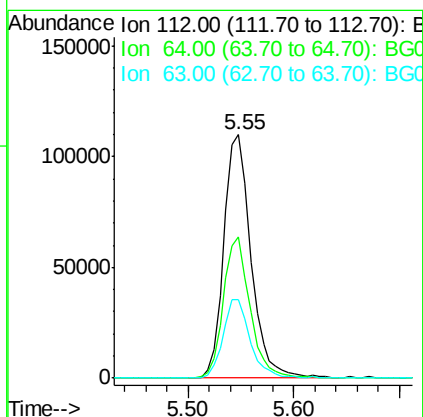
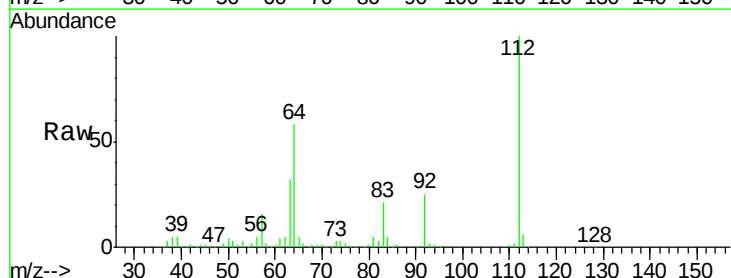
Tot Ion:152 Resp: 66035
Ion Ratio Lower Upper
152 100
150 153.2 122.4 183.6
115 55.1 44.2 66.4

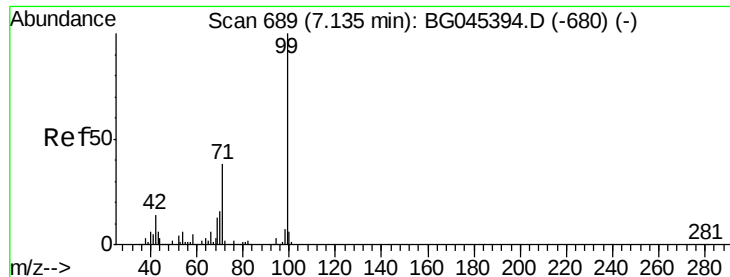


#5

2-Fluorophenol
Concen: 58.210 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045533.D
Acq: 29 May 2020 21:20

Tgt Ion:112 Resp: 196688
Ion Ratio Lower Upper
112 100
64 58.2 48.6 72.8
63 32.1 26.5 39.7





#7

Phenol-d6

Concen: 77.544 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045533.D

Acq: 29 May 2020 21:20

Instrument :

BNA_G

ClientSampleId :

UNPAINTED-CURB

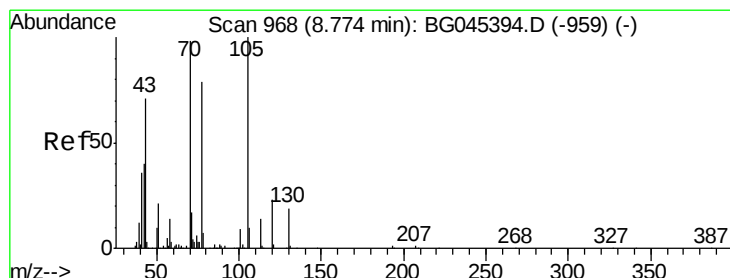
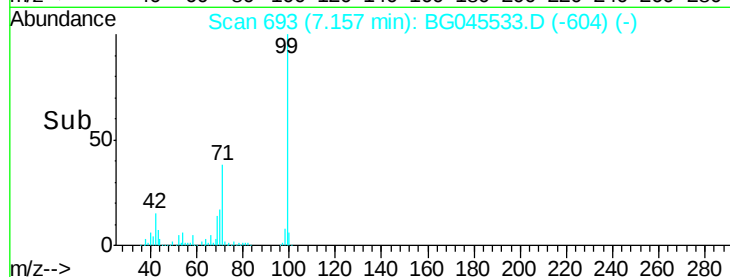
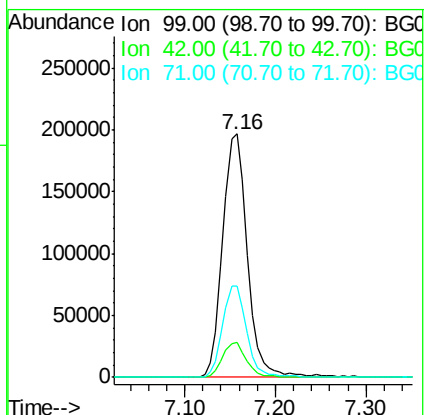
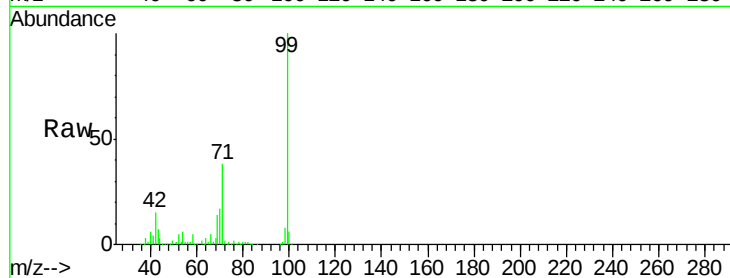
Tot Ion: 99 Resp: 372933

Ion Ratio Lower Upper

99 100

42 14.6 11.3 16.9

71 37.7 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.132 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045533.D

Acq: 29 May 2020 21:20

Tgt Ion: 70 Resp: 40348

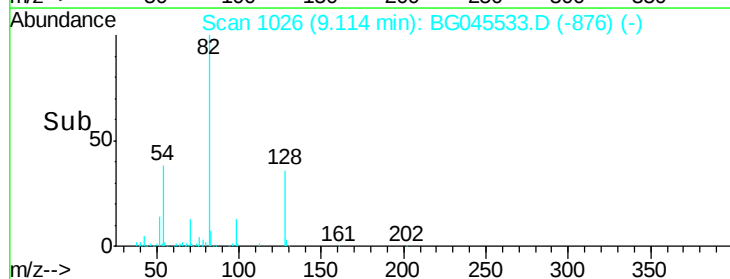
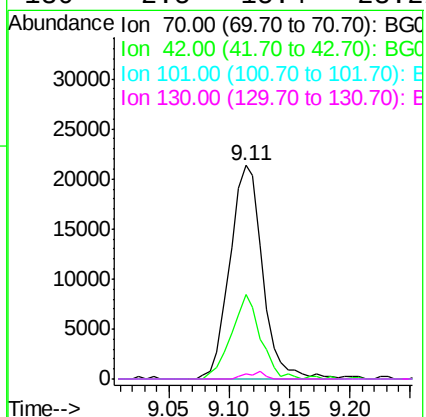
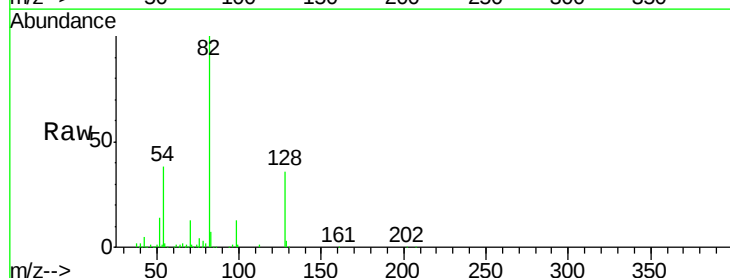
Ion Ratio Lower Upper

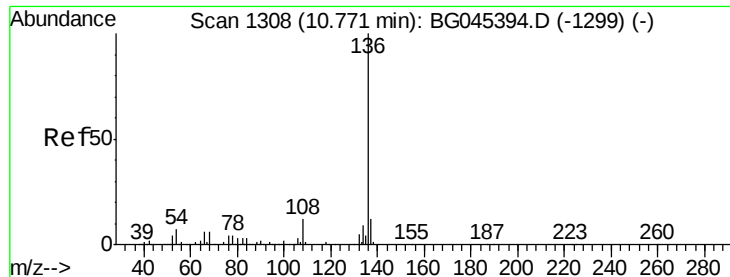
70 100

42 39.3 33.2 49.8

101 0.0 7.8 11.6#

130 2.5 15.4 23.2#

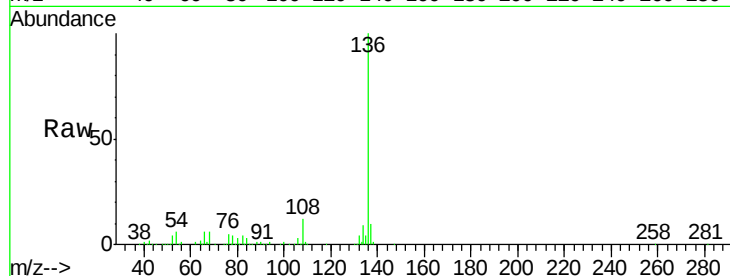




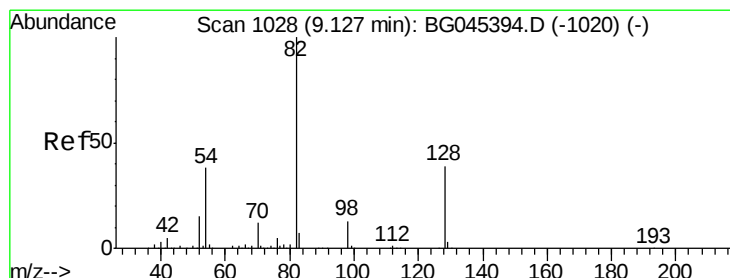
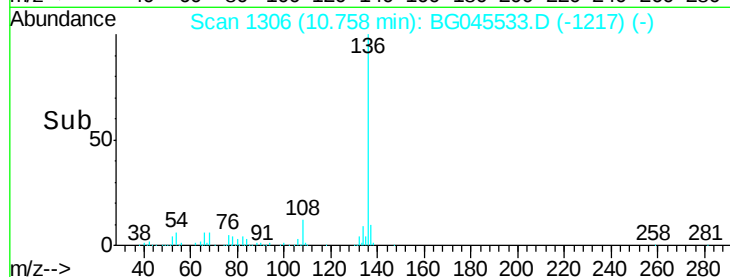
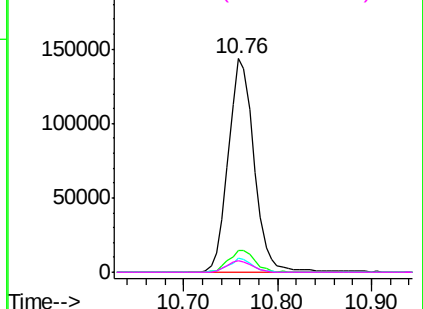
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045533.D
Acq: 29 May 2020 21:20

Instrument :
BNA_G
ClientSampleId :
UNPAINTED-CURB

Tot Ion:136	Resp:	273449	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	9.4	14.2	
54 6.5	5.8	8.6	
68 5.6	4.5	6.7	

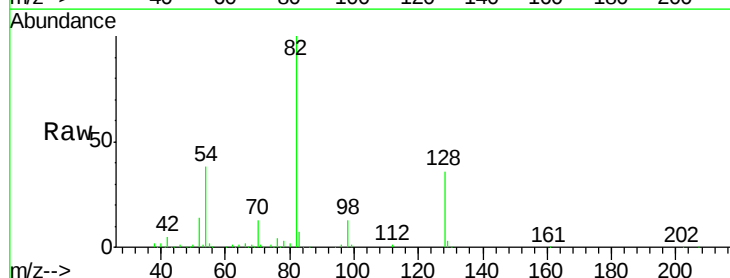


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

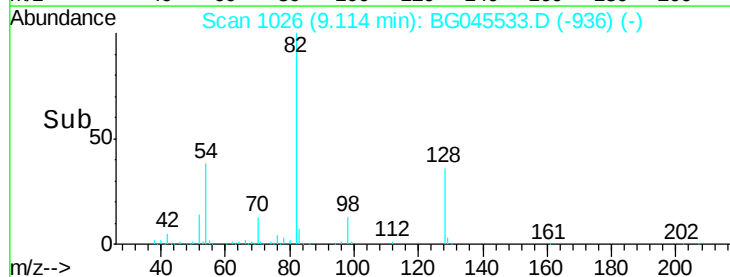
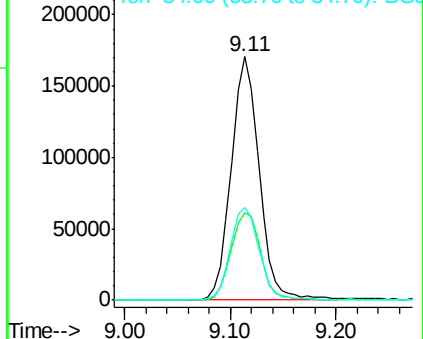


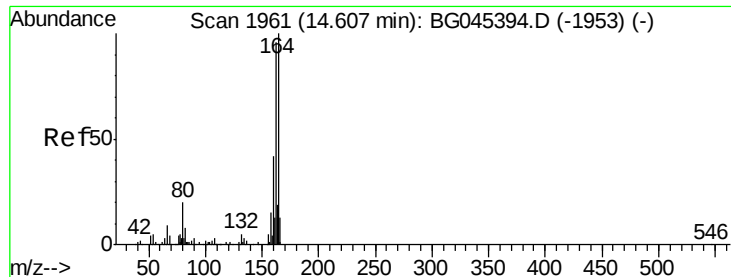
#23
Nitrobenzene-d5
Concen: 62.194 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045533.D
Acq: 29 May 2020 21:20

Tgt Ion: 82	Resp: 311874
Ion Ratio	Lower Upper
82 100	
128 36.0	30.9 46.3
54 38.0	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG045533.D

Acq: 29 May 2020 21:20

Instrument :

BNA_G

ClientSampleId :

UNPAINTED-CURB

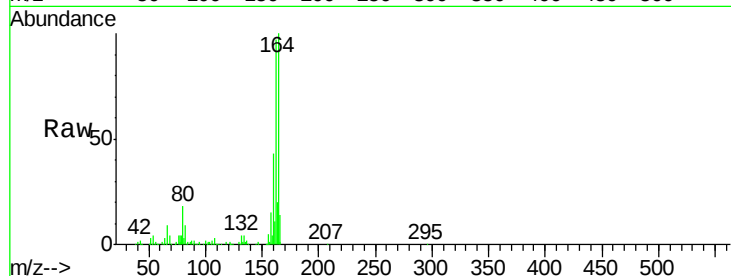
Tot Ion:164 Resp: 198641

Ion Ratio Lower Upper

164 100

162 97.1 76.9 115.3

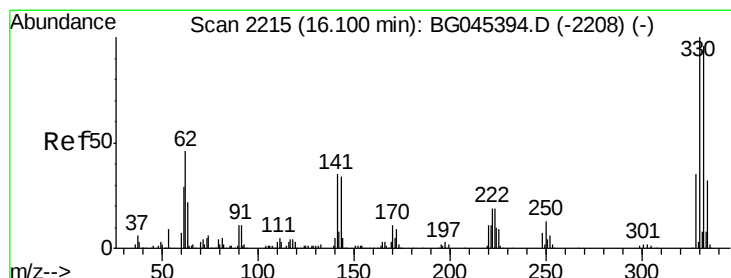
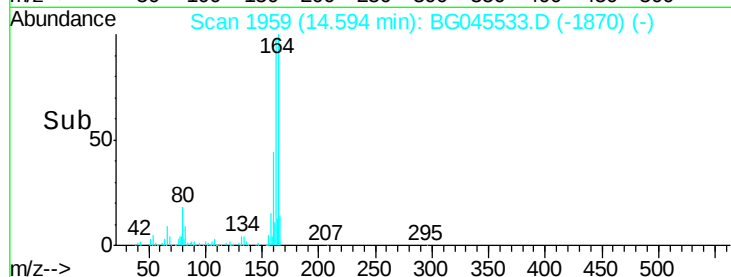
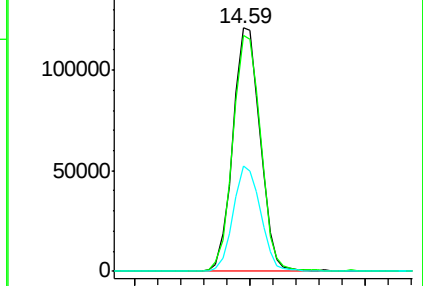
160 43.3 33.8 50.8



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: 67.258 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045533.D

Acq: 29 May 2020 21:20

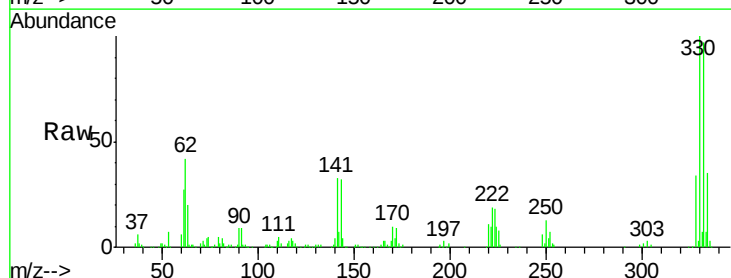
Tgt Ion:330 Resp: 170862

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.4

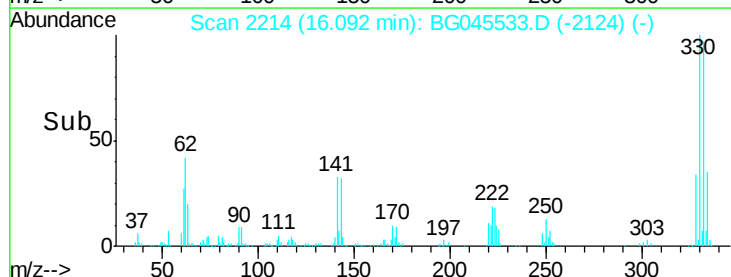
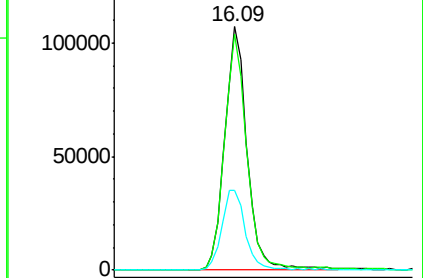
141 34.2 28.2 42.4

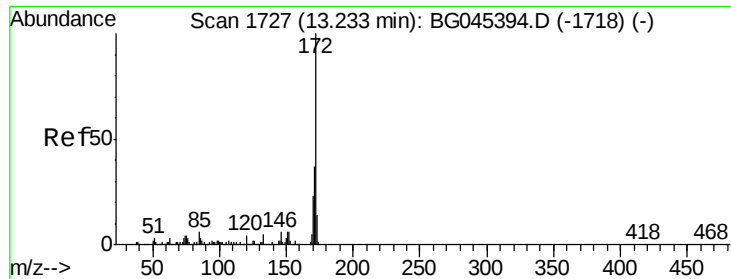


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

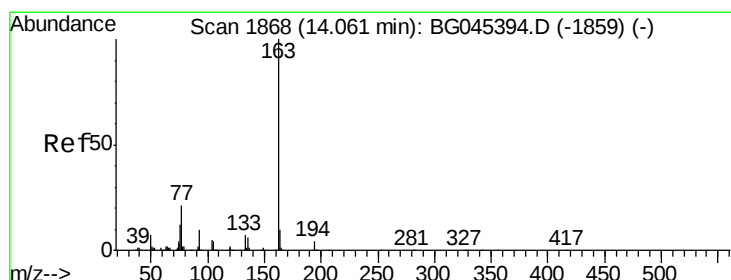
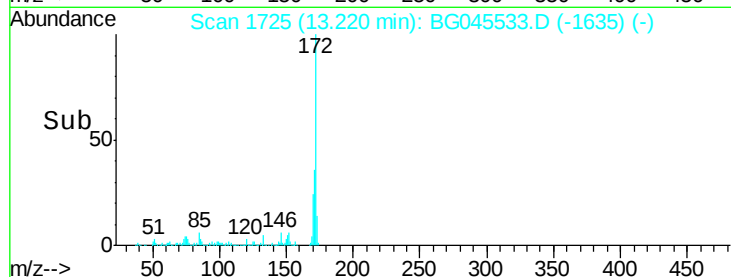
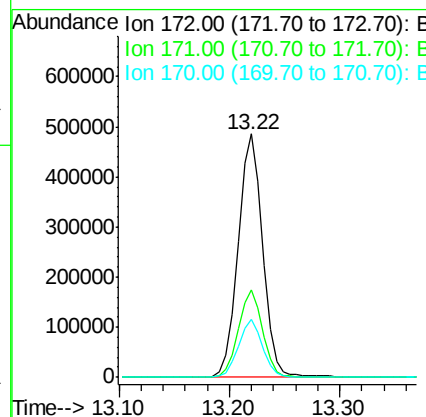
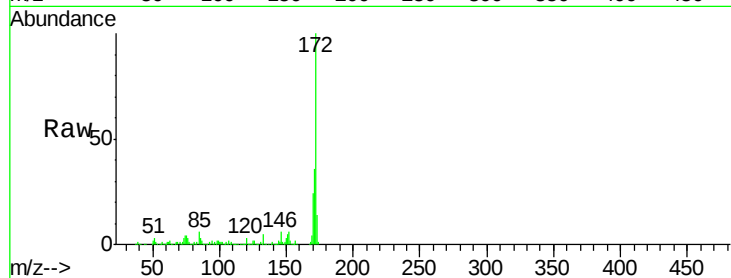




#45
2-Fluorobiphenyl
Concen: 64.783 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045533.D
Acq: 29 May 2020 21:20

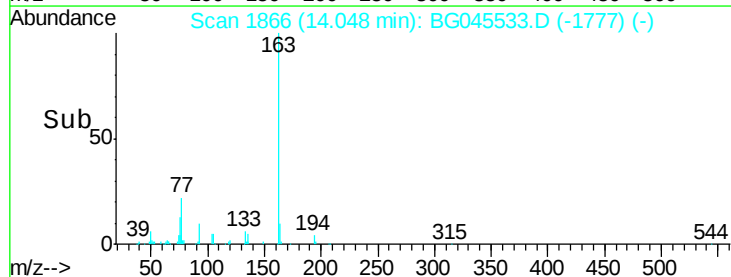
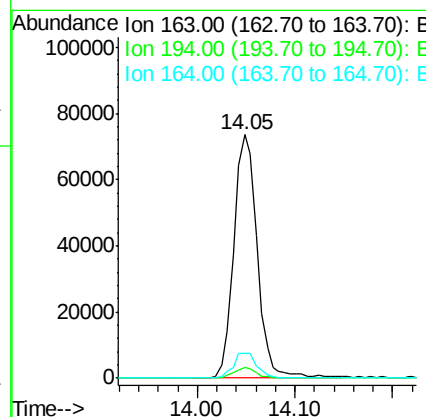
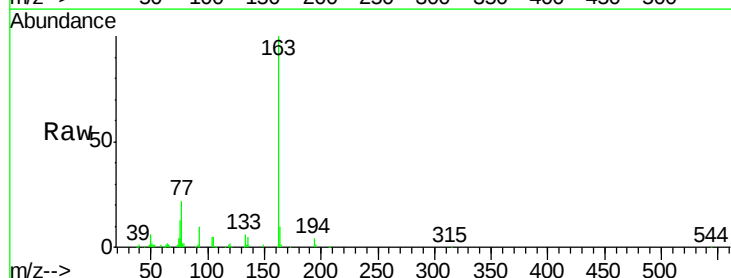
Instrument :
BNA_G
ClientSampleId :
UNPAINTED-CURB

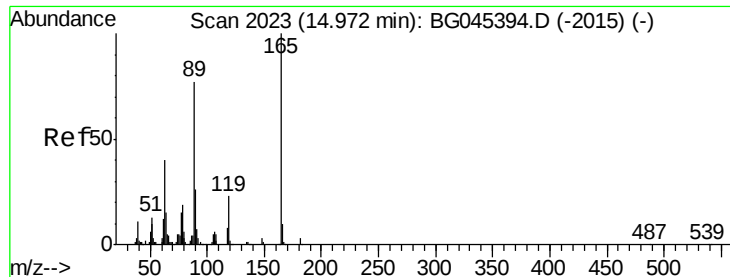
Tot Ion:172 Resp: 758664
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 23.8 18.5 27.7



#50
Dimethylphthalate
Concen: 9.009 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045533.D
Acq: 29 May 2020 21:20

Tgt Ion:163 Resp: 122763
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.1 8.3 12.5





#57

2,4-Dinitrotoluene

Concen: 5.788 ng

RT: 14.59 min Scan# 1959

Delta R.T. -0.37 min

Lab File: BG045533.D

Acq: 29 May 2020 21:20

Instrument :

BNA_G

ClientSampleId :

UNPAINTED-CURB

Tot Ion:165 Resp: 25777

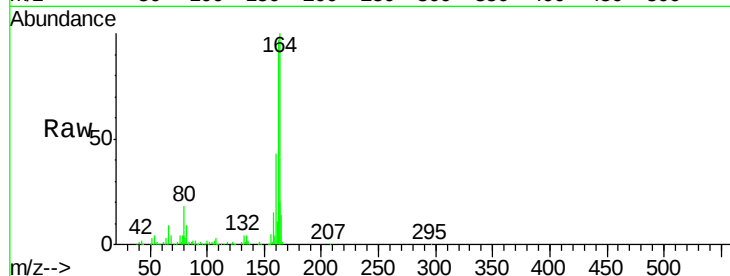
Ion Ratio Lower Upper

165 100

63 1.1 32.5 48.7#

89 1.5 61.8 92.6#

182 0.0 2.3 3.5#

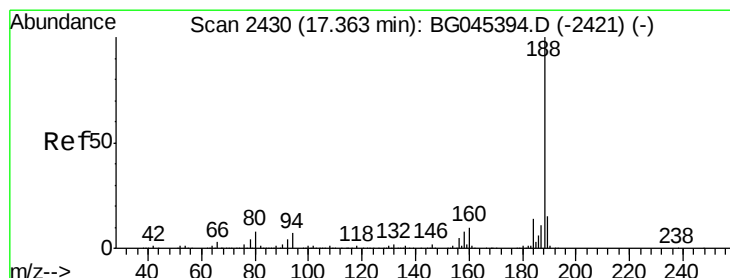
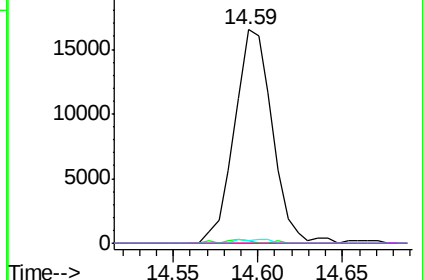
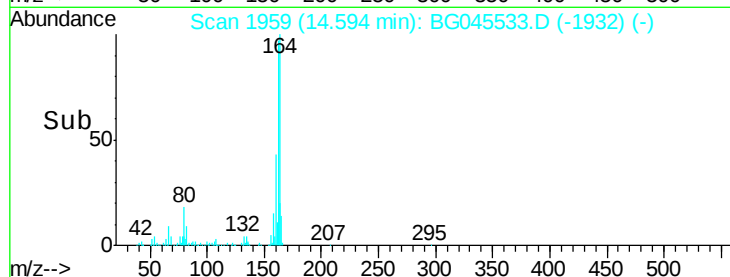


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG045533.D

Acq: 29 May 2020 21:20

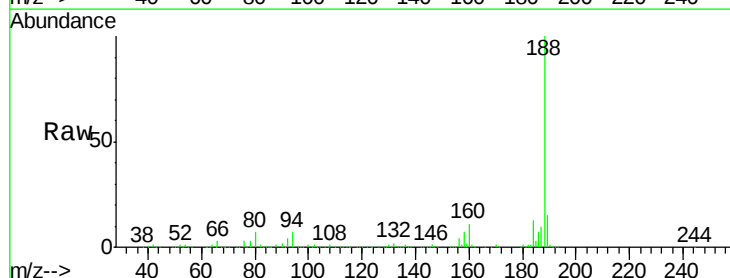
Tgt Ion:188 Resp: 468388

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

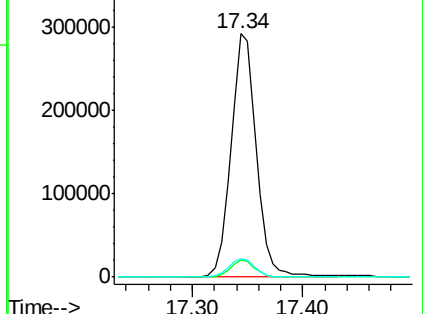
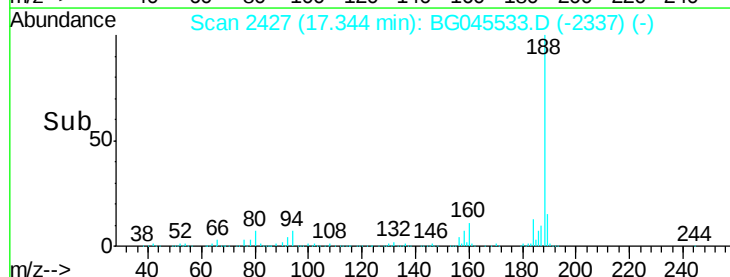
80 7.5 6.6 10.0

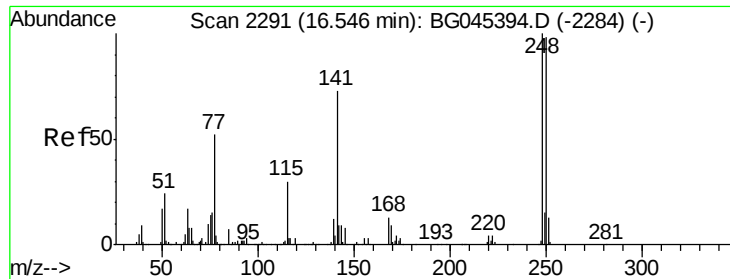


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

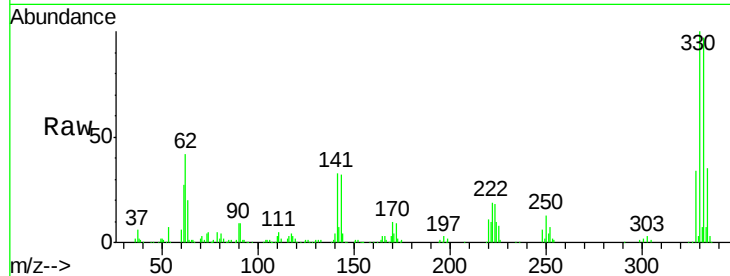




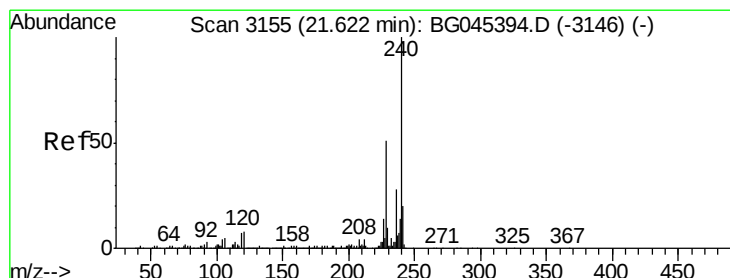
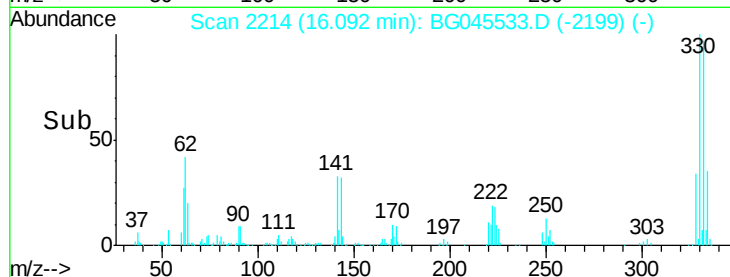
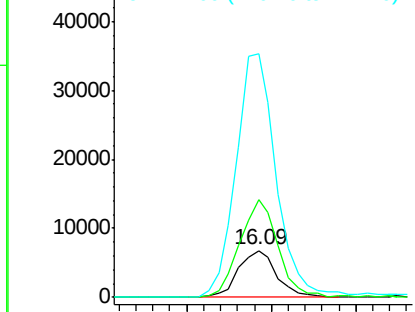
#67
 4-Bromophenyl-phenylether
 Concen: 2.111 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045533.D
 Acq: 29 May 2020 21:20

Instrument :
 BNA_G
 ClientSampleId :
 UNPAINTED-CURB

Tot Ion:248 Resp: 10707
 Ion Ratio Lower Upper
 248 100
 250 208.6 78.6 117.8#
 141 517.7 58.2 87.2#

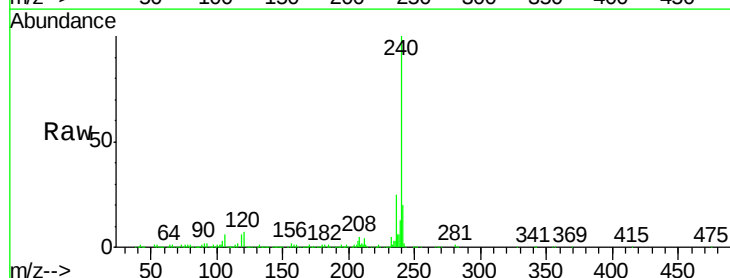


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

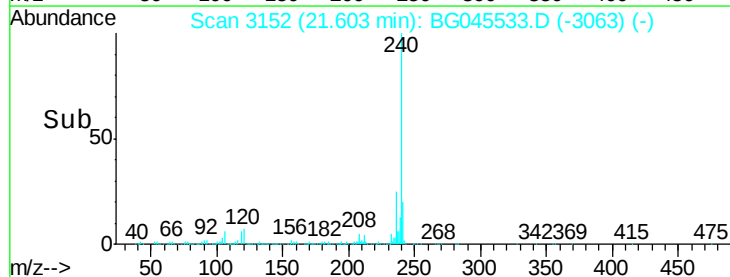
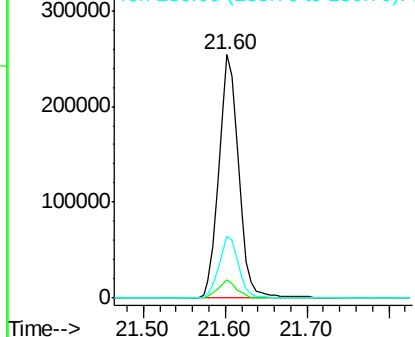


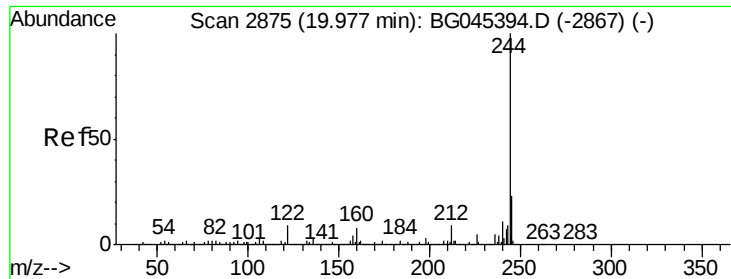
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045533.D
 Acq: 29 May 2020 21:20

Tgt Ion:240 Resp: 430907
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.1 9.1
 236 25.3 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





#79

Terphenyl-d14

Concen: 68.703 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045533.D

Acq: 29 May 2020 21:20

Instrument :

BNA_G

ClientSampleId :

UNPAINTED-CURB

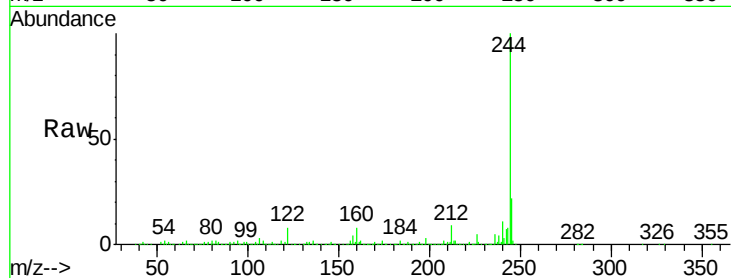
Tot Ion:244 Resp: 1269329

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

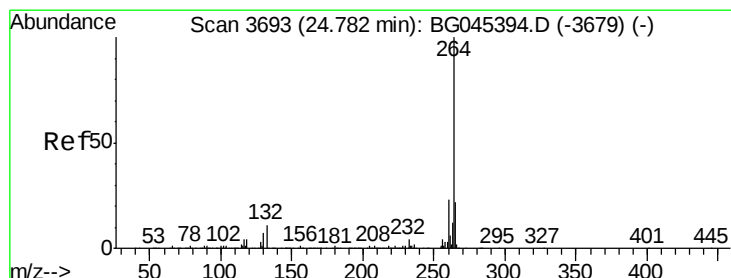
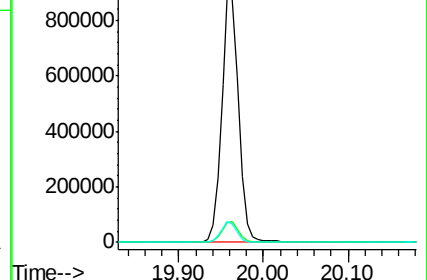
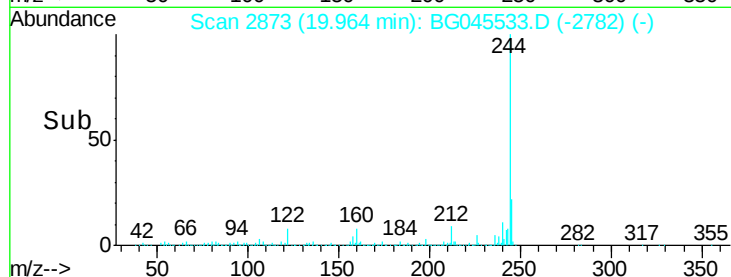
122 7.7 6.8 10.2



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# 3688

Delta R.T. -0.00 min

Lab File: BG045533.D

Acq: 29 May 2020 21:20

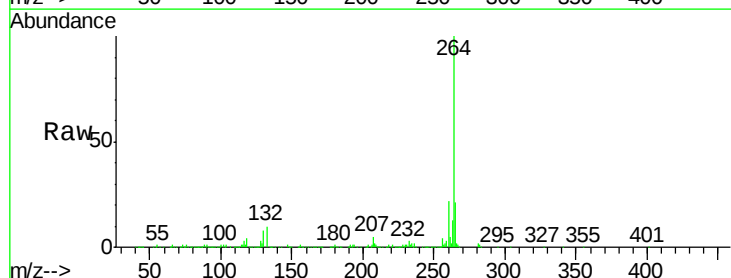
Tgt Ion:264 Resp: 461752

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 21.3 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

