

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045530.D
 Acq On : 29 May 2020 19:19
 Operator : CG/JU
 Sample : L2790-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-D

Quant Time: May 30 00:29:28 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

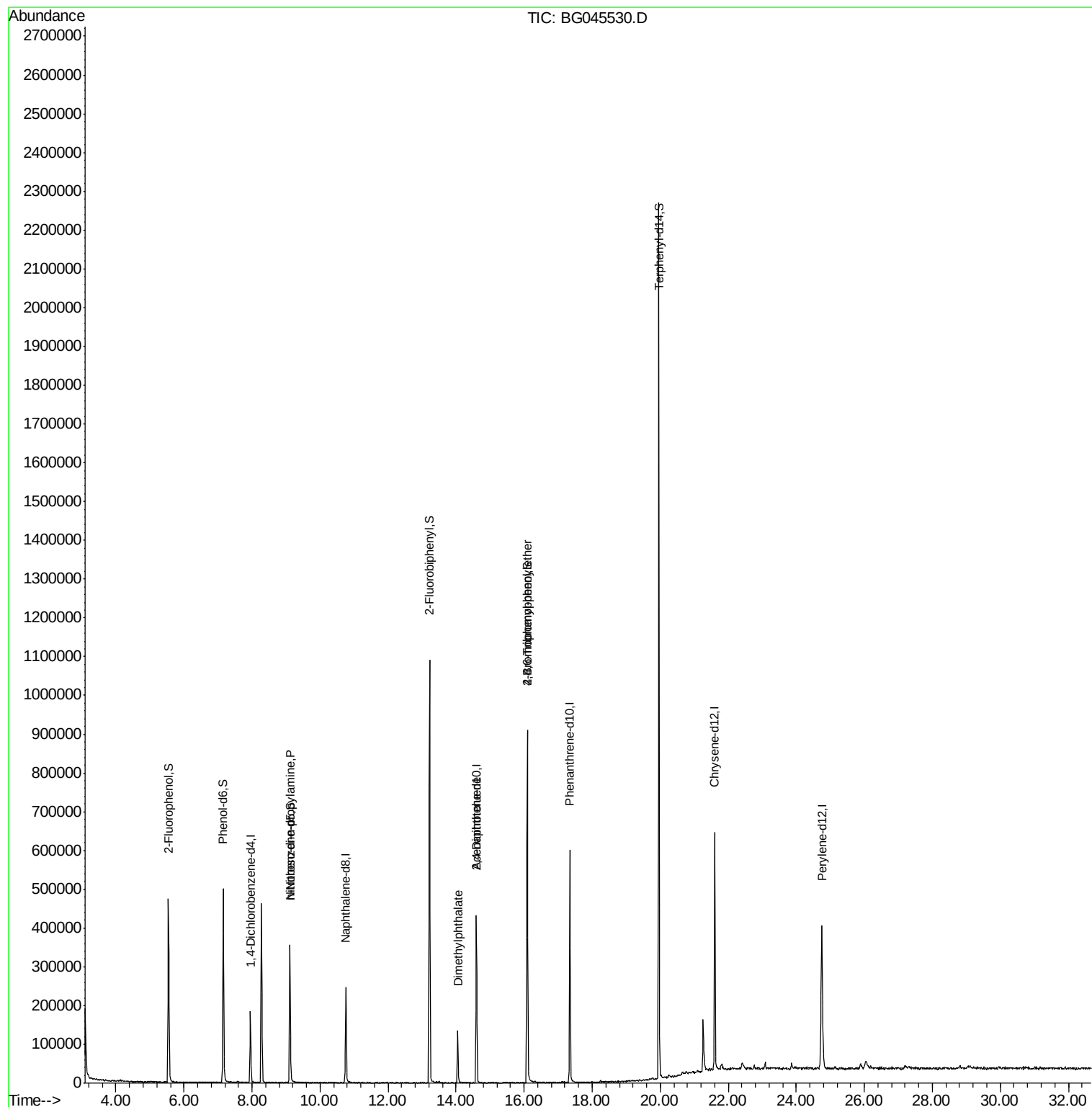
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	60290	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	232724	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	165335	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	399890	20.00	ng	0.00
76) Chrysene-d12	21.60	240	392269	20.00	ng	0.00
87) Perylene-d12	24.75	264	426680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	244204	79.16	ng	0.00
7) Phenol-d6	7.15	99	357833	81.49	ng	-0.01
23) Nitrobenzene-d5	9.11	82	251810	59.00	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	201965	95.52	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	625869	64.21	ng	0.00
79) Terphenyl-d14	19.96	244	1164421	69.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	33416	11.005	ng	# 82
50) Dimethylphthalate	14.05	163	98336	8.670	ng	# 99
57) 2,4-Dinitrotoluene	14.60	165	21809	5.884	ng	# 24
67) 4-Bromophenyl-phenylether	16.09	248	13317	3.075	ng	# 1

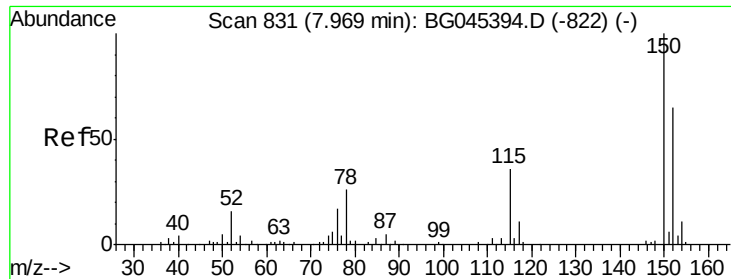
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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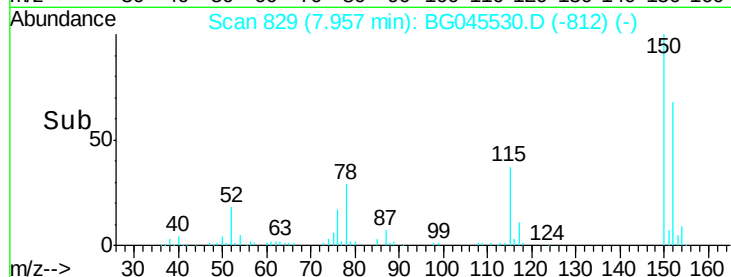
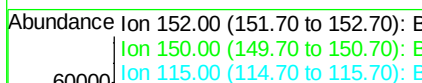
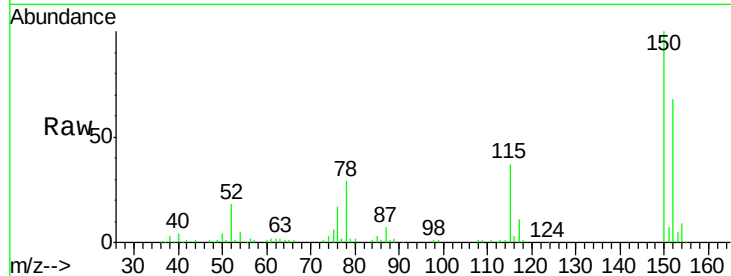




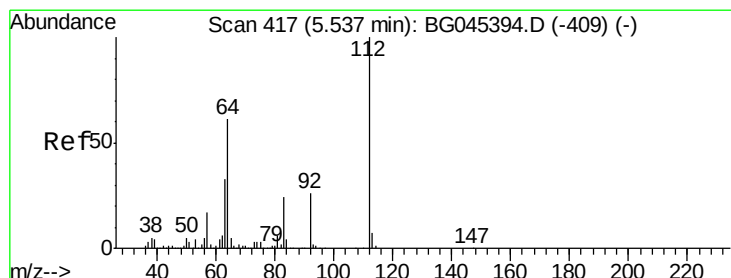
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BG045530.D
 Acq: 29 May 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-D

Tot Ion:152 Resp: 60290
 Ion Ratio Lower Upper
 152 100
 150 147.0 122.4 183.6
 115 55.0 44.2 66.4

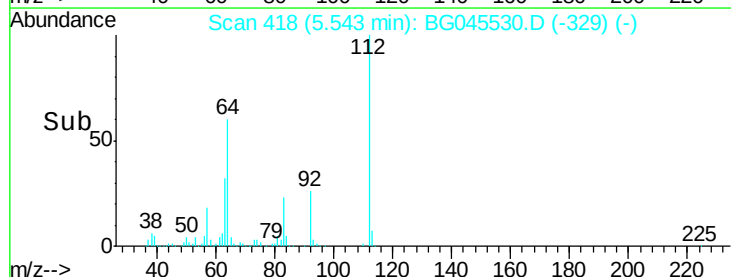
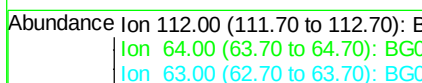
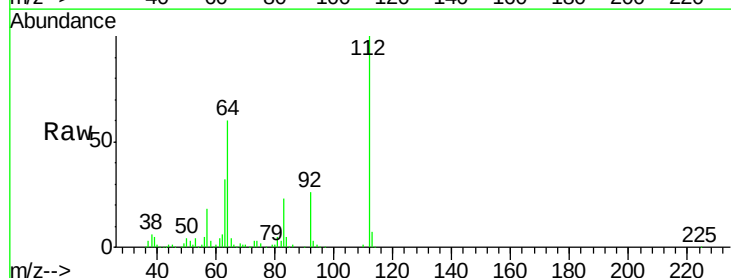


Time--> 7.85 7.90 7.95 8.00 8.05

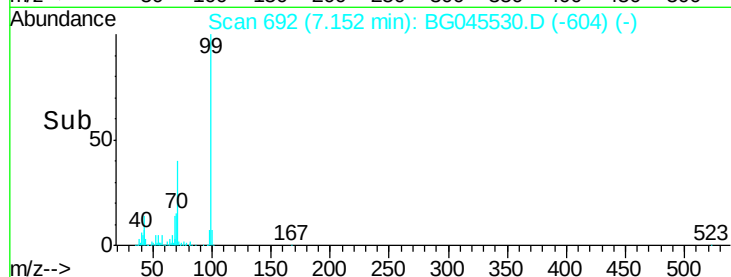
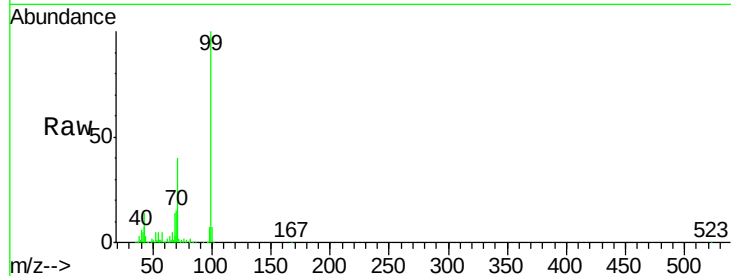
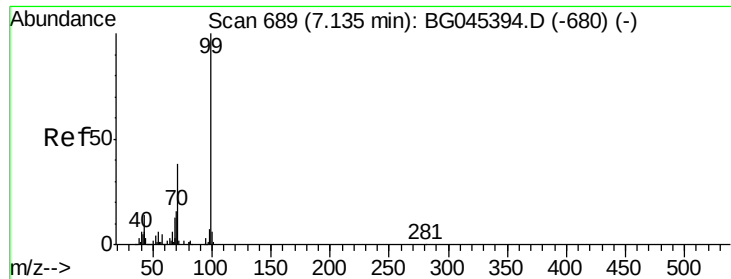


#5
 2-Fluorophenol
 Concen: 79.159 ng
 RT: 5.54 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BG045530.D
 Acq: 29 May 2020 19:19

Tgt Ion:112 Resp: 244204
 Ion Ratio Lower Upper
 112 100
 64 59.6 48.6 72.8
 63 31.9 26.5 39.7



Time--> 5.50 5.55 5.60 5.70



#7

Phenol-d6

Concen: 81.495 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045530.D

Acq: 29 May 2020 19:19

Instrument :

BNA_G

ClientSampleId :

SB-1-D

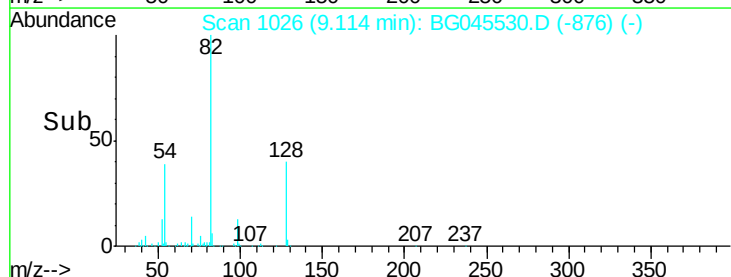
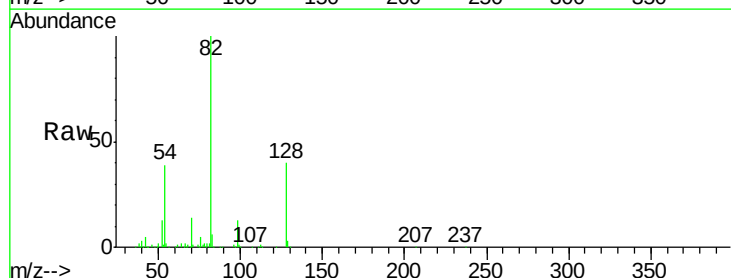
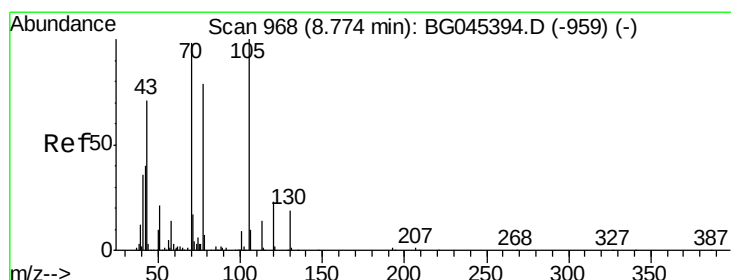
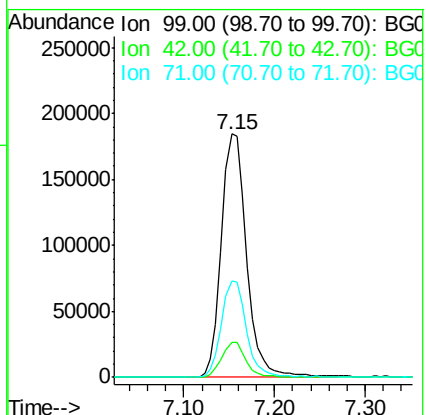
Tot Ion: 99 Resp: 357833

Ion Ratio Lower Upper

99 100

42 14.5 11.3 16.9

71 39.7 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.005 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045530.D

Acq: 29 May 2020 19:19

Tgt Ion: 70 Resp: 33416

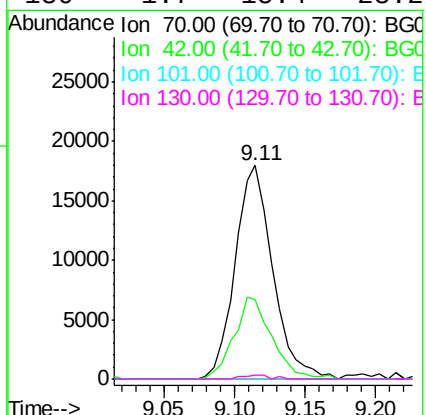
Ion Ratio Lower Upper

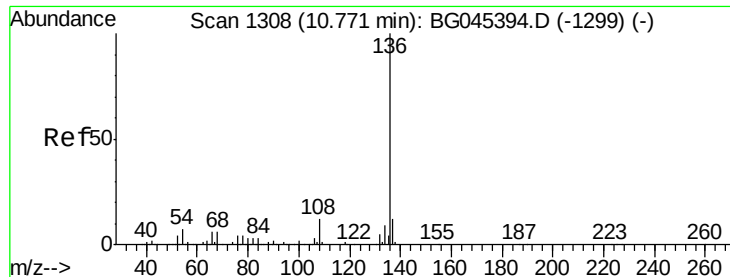
70 100

42 37.4 33.2 49.8

101 0.0 7.8 11.6#

130 1.7 15.4 23.2#

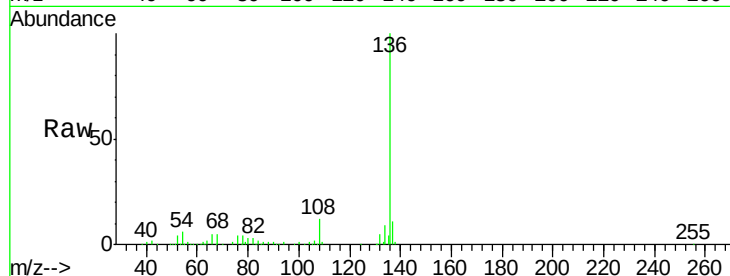




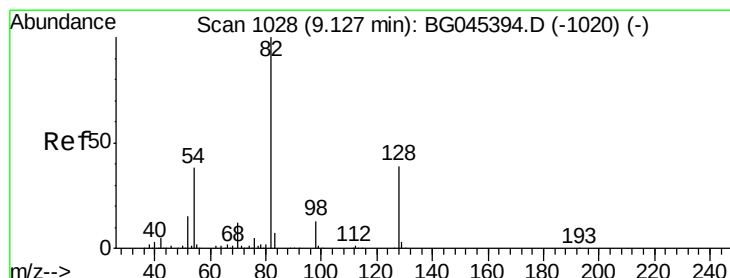
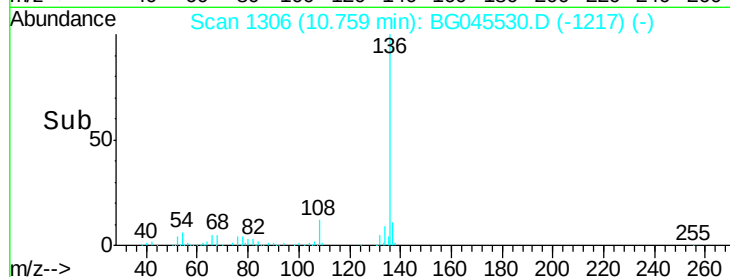
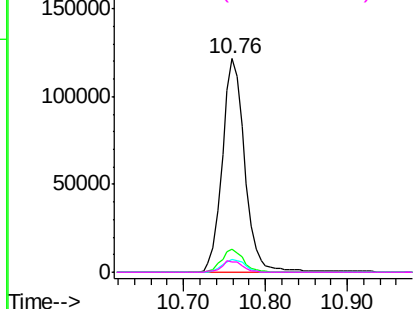
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045530.D
Acq: 29 May 2020 19:19

Instrument :
BNA_G
ClientSampleId :
SB-1-D

Tot Ion:136	Resp:	232724	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.4	14.2	
54 5.9	5.8	8.6	
68 4.7	4.5	6.7	

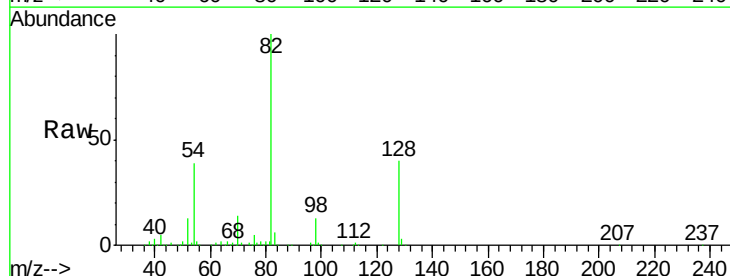


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

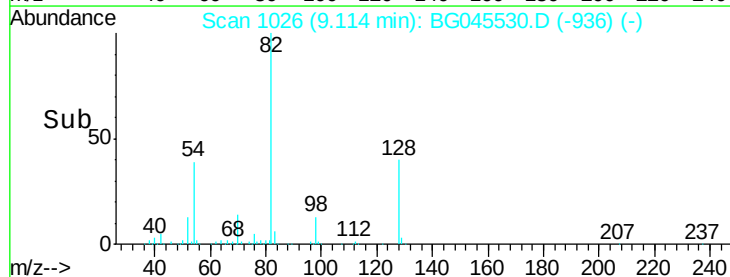
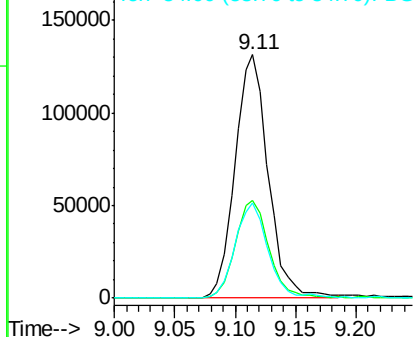


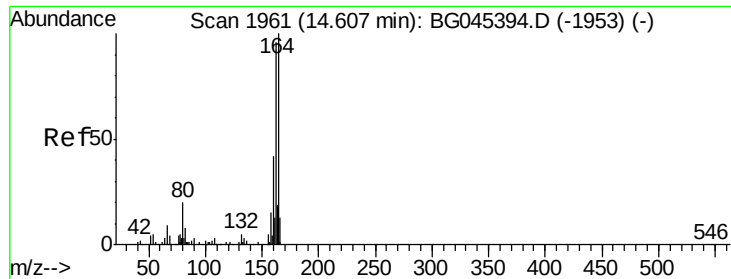
#23
Nitrobenzene-d5
Concen: 59.004 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045530.D
Acq: 29 May 2020 19:19

Tgt Ion	82	Resp: Lower	251810 Upper
	Ratio 100		
128	40.0	30.9	46.3
54	38.9	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045530.D

Acq: 29 May 2020 19:19

Instrument :

BNA_G

ClientSampleId :

SB-1-D

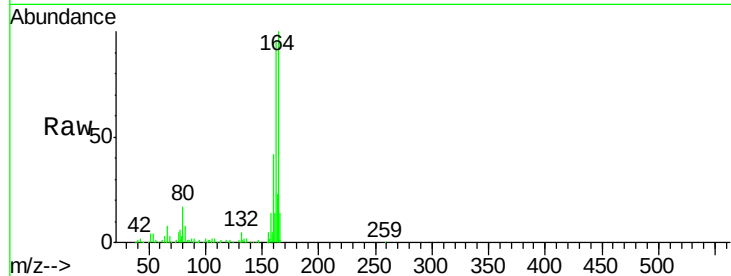
Tot Ion:164 Resp: 165335

Ion Ratio Lower Upper

164 100

162 95.9 76.9 115.3

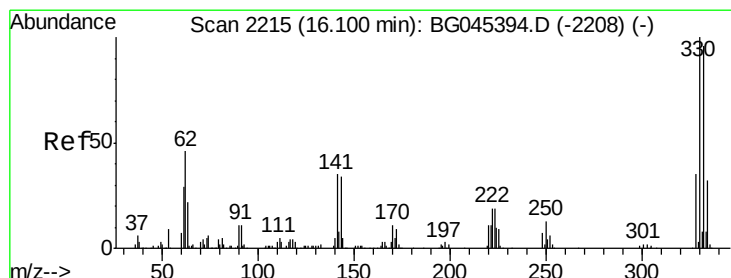
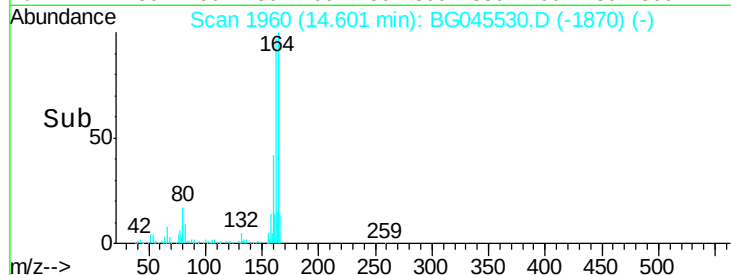
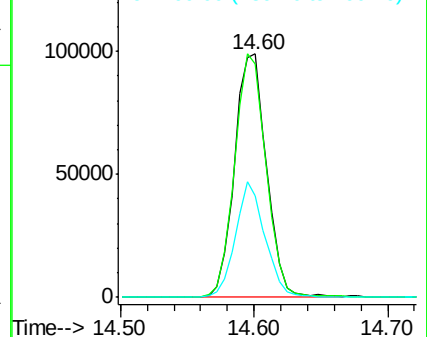
160 41.8 33.8 50.8



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: 95.517 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045530.D

Acq: 29 May 2020 19:19

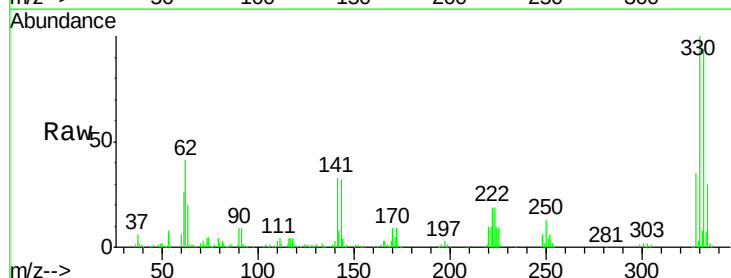
Tgt Ion:330 Resp: 201965

Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.4

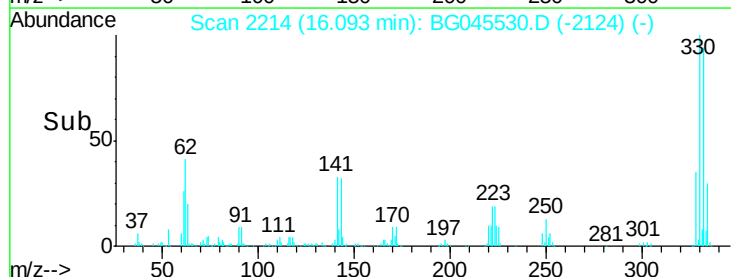
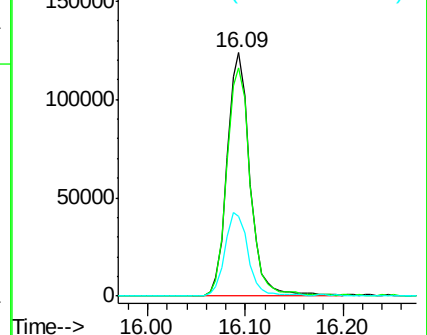
141 35.0 28.2 42.4

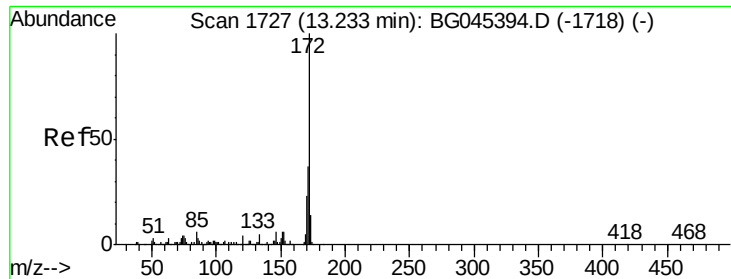


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 64.209 ng

RT: 13.22 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG045530.D

Acq: 29 May 2020 19:19

Instrument :

BNA_G

ClientSampleId :

SB-1-D

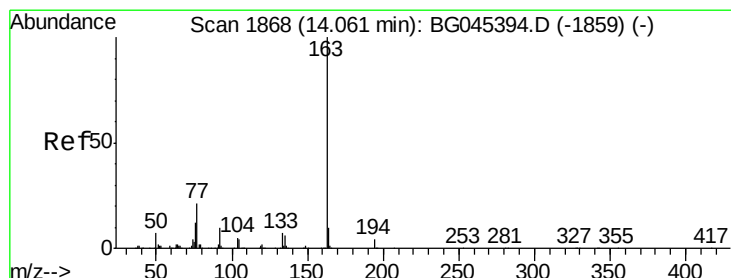
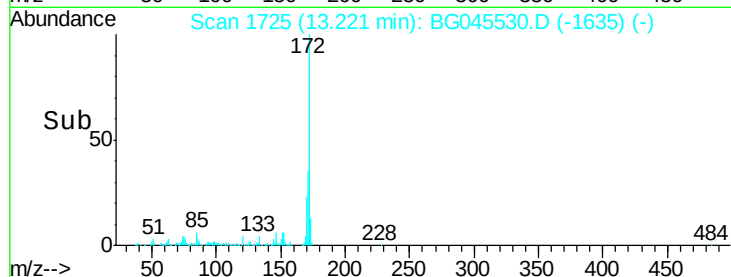
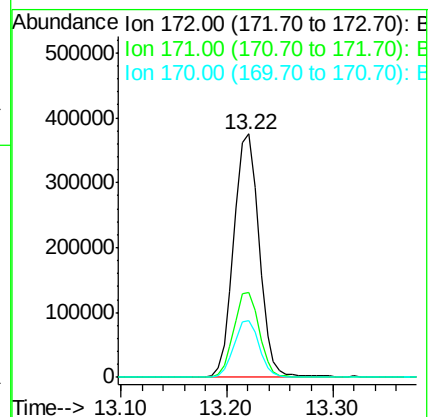
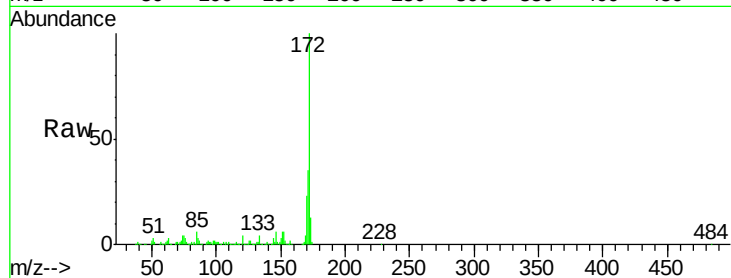
Tot Ion:172 Resp: 625869

Ion Ratio Lower Upper

172 100

171 34.8 29.5 44.3

170 23.2 18.5 27.7



#50

Dimethylphthalate

Concen: 8.670 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045530.D

Acq: 29 May 2020 19:19

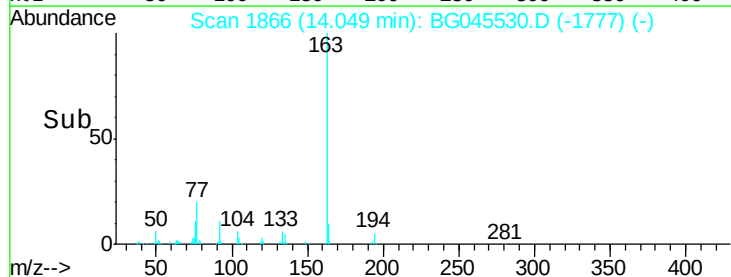
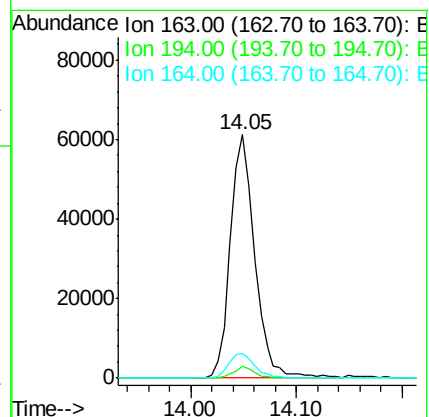
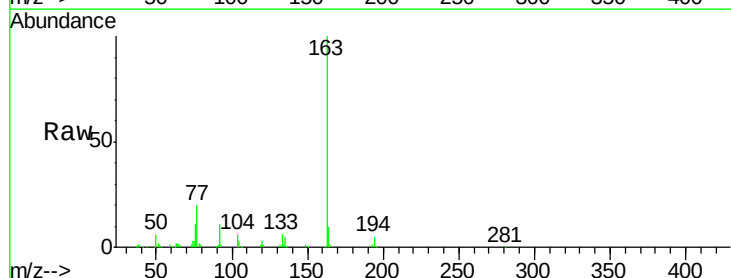
Tgt Ion:163 Resp: 98336

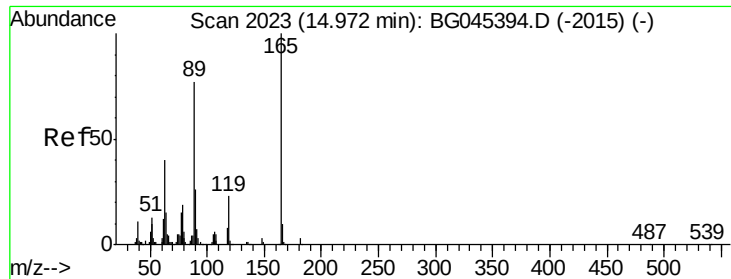
Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

164 9.9 8.3 12.5

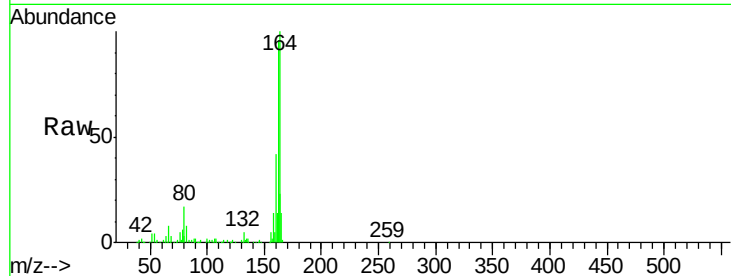




#57
2,4-Dinitrotoluene
Concen: 5.884 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.37 min
Lab File: BG045530.D
Acq: 29 May 2020 19:19

Instrument :
BNA_G
ClientSampleId :
SB-1-D

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	32.5	48.7#
89	2.4	61.8	92.6#
182	0.0	2.3	3.5#

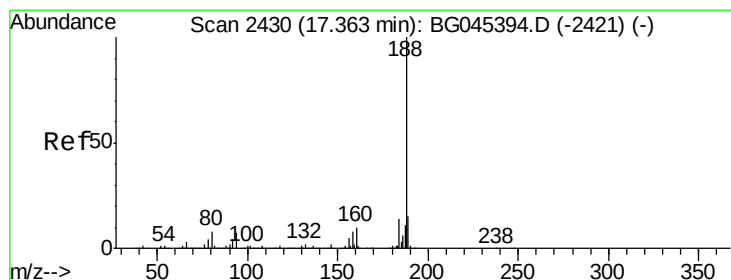
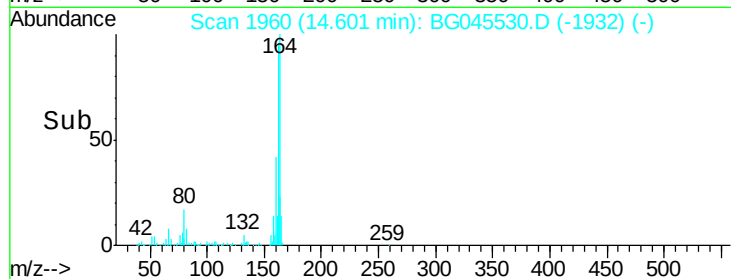
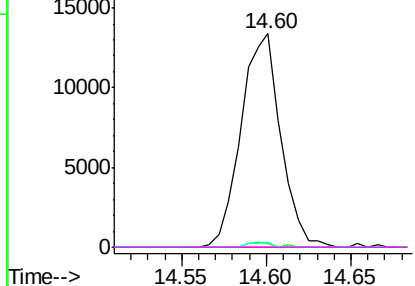


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

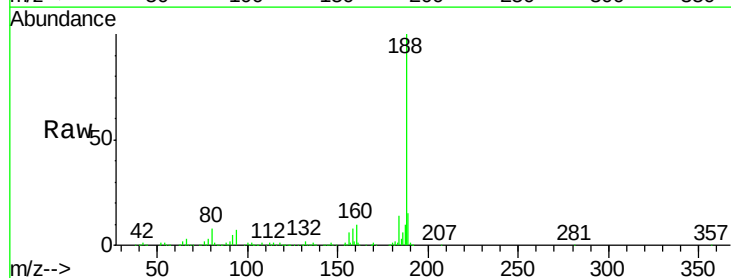
Ion 89.00 (88.70 to 89.70): BGC

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: BG045530.D
Acq: 29 May 2020 19:19

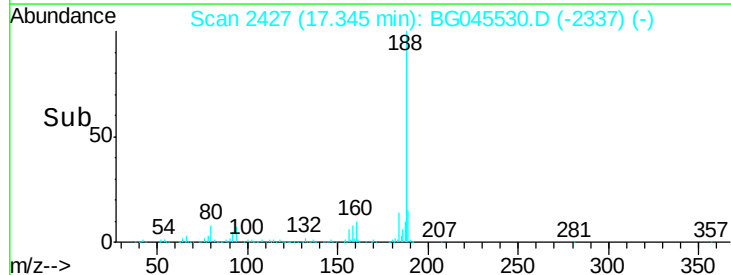
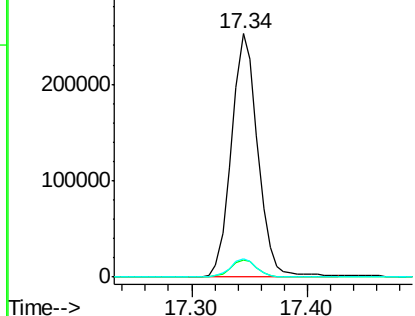
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	7.6	6.6	10.0

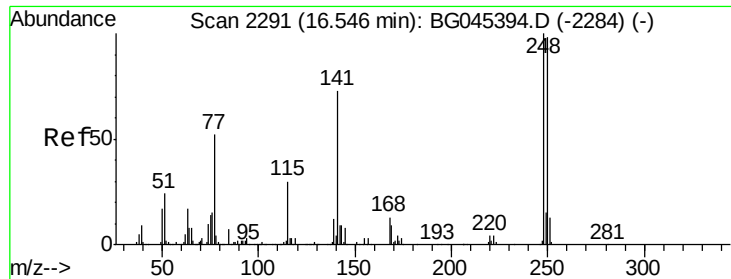


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

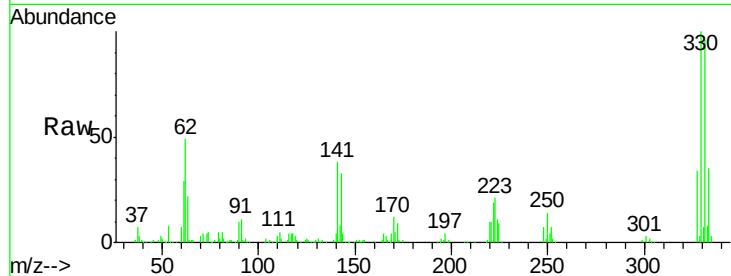




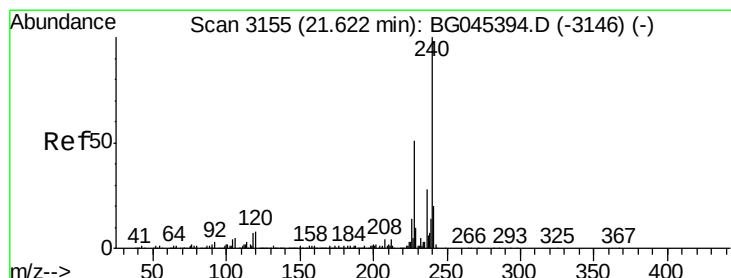
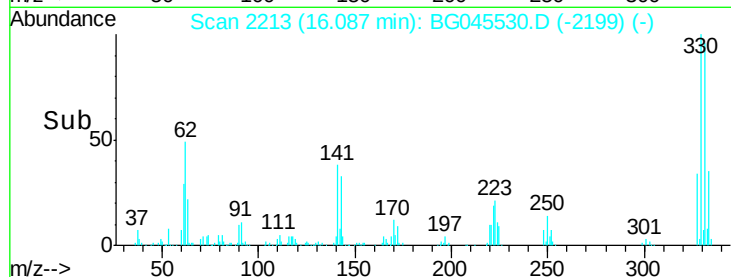
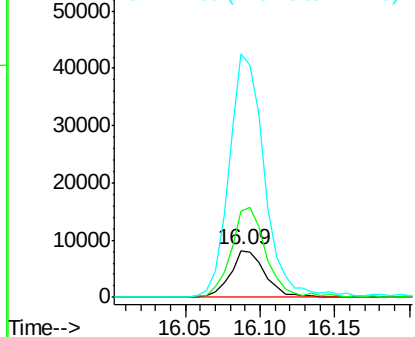
#67
 4-Bromophenyl-phenylether
 Concen: 3.075 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.45 min
 Lab File: BG045530.D
 Acq: 29 May 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-D

Tot Ion:248 Resp: 13317
 Ion Ratio Lower Upper
 248 100
 250 183.5 78.6 117.8#
 141 517.4 58.2 87.2#

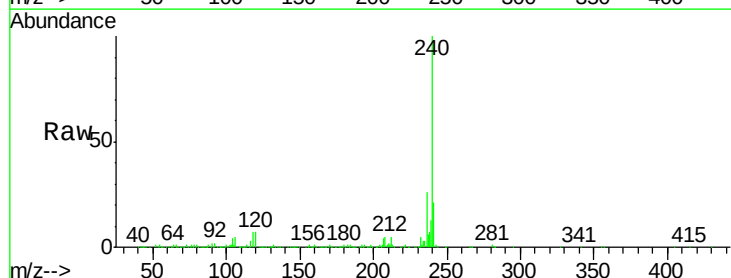


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

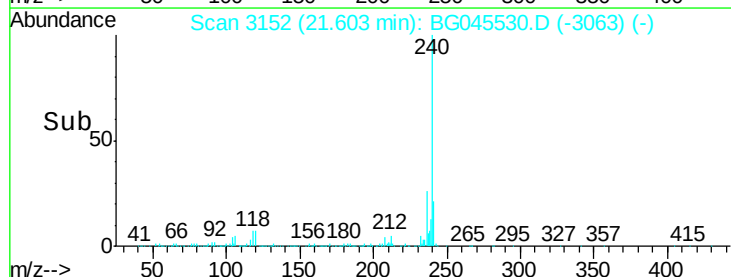
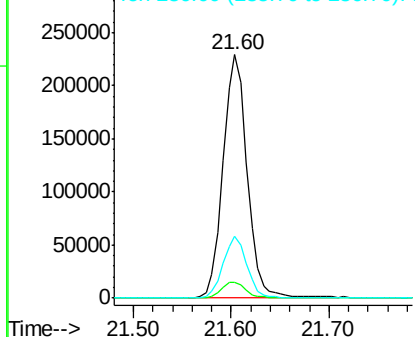


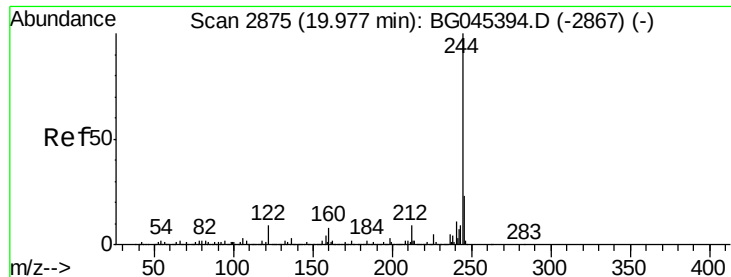
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045530.D
 Acq: 29 May 2020 19:19

Tgt Ion:240 Resp: 392269
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.1 9.1
 236 25.6 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: 69.233 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045530.D

Acq: 29 May 2020 19:19

Instrument :

BNA_G

ClientSampled :

SB-1-D

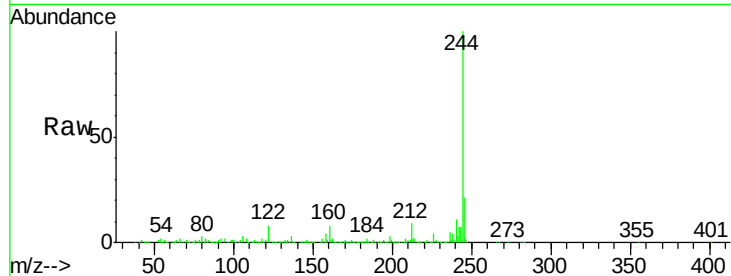
Tot Ion:244 Resp: 1164421

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

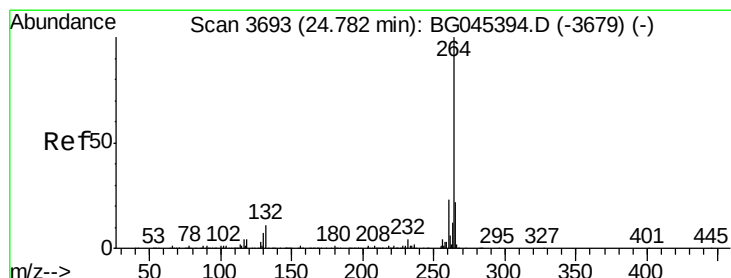
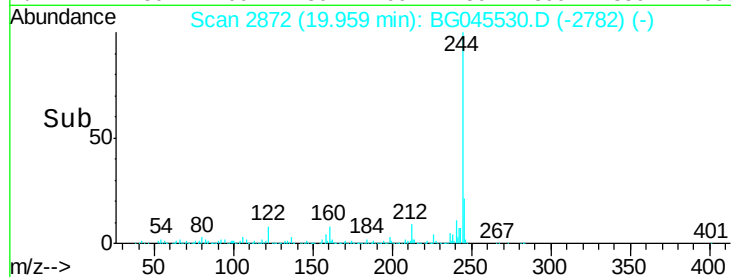
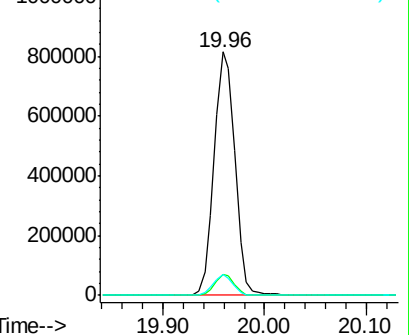
122 8.5 6.8 10.2



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# 3688

Delta R.T. -0.00 min

Lab File: BG045530.D

Acq: 29 May 2020 19:19

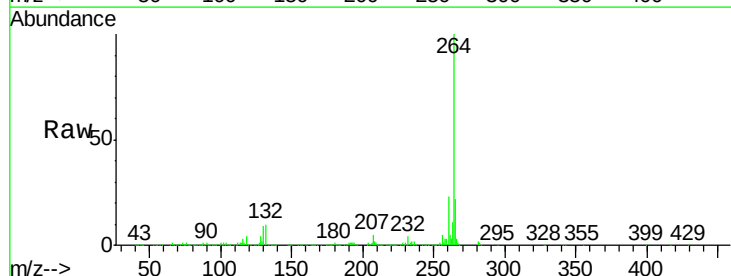
Tgt Ion:264 Resp: 426680

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.6 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

