

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045531.D
 Acq On : 29 May 2020 19:59
 Operator : CG/JU
 Sample : L2790-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-S

Quant Time: May 30 00:29:41 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

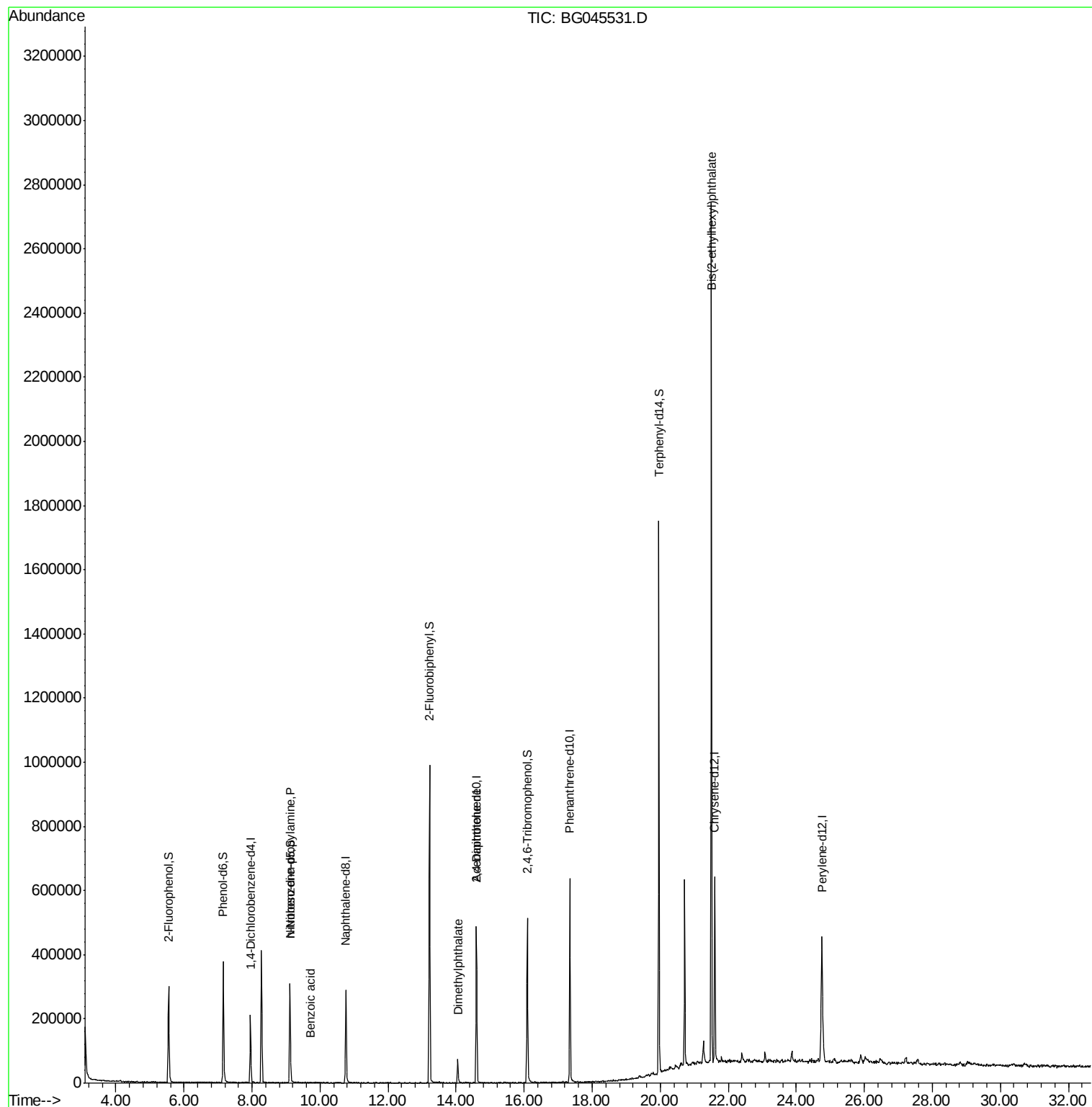
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	66397	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	267094	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	187478	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	433216	20.00	ng	0.00
76) Chrysene-d12	21.60	240	377481	20.00	ng	0.00
87) Perylene-d12	24.75	264	430383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	162335	47.78	ng	0.00
7) Phenol-d6	7.15	99	268943	55.62	ng	-0.01
23) Nitrobenzene-d5	9.11	82	223966	45.73	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	112819	47.05	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	556069	50.31	ng	0.00
79) Terphenyl-d14	19.96	244	884795	54.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	29424	8.799	ng	# 79
32) Benzoic acid	9.71	122	58	10.043	ng	# 1
50) Dimethylphthalate	14.05	163	56632	4.403	ng	# 98
57) 2,4-Dinitrotoluene	14.60	165	24801	5.901	ng	# 22
84) Bis(2-ethylhexyl)phthalate	21.50	149	1115879	87.401	ng	99

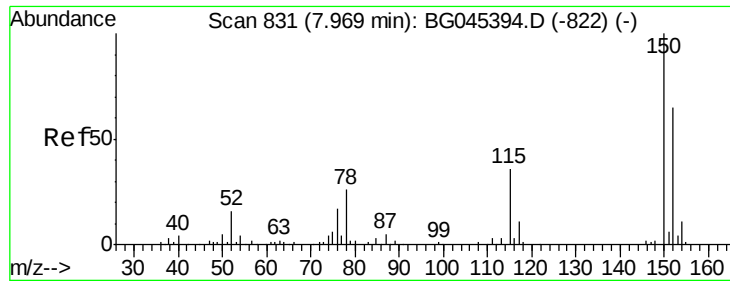
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
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QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration



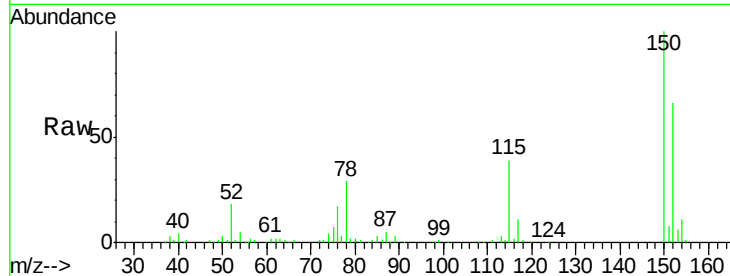


#1

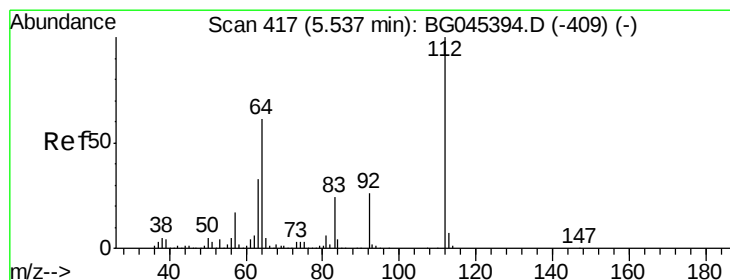
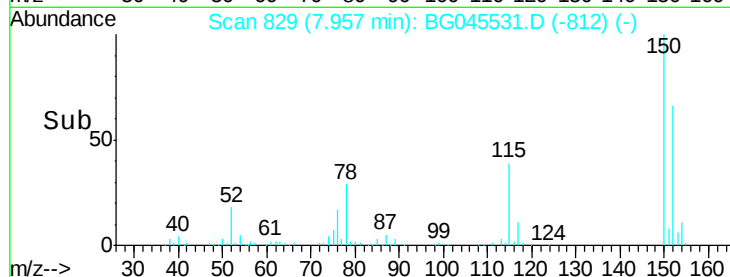
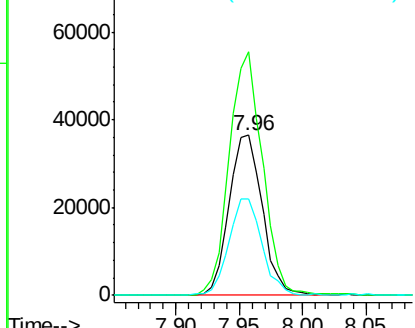
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

Instrument :
BNA_G
ClientSampleId :
SB-7-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.4	183.6
115	59.9	44.2	66.4



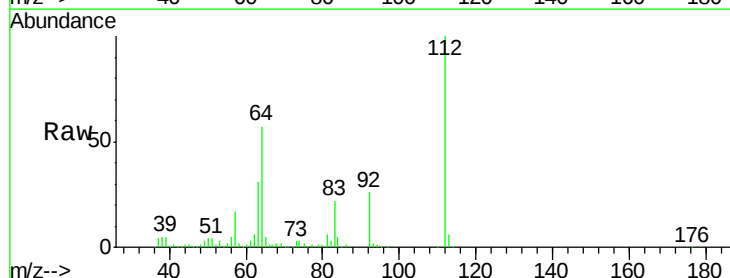
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



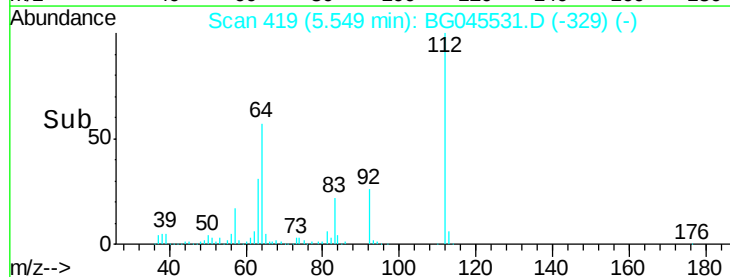
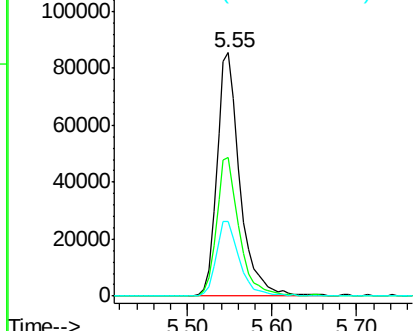
#5

2-Fluorophenol
Concen: 47.781 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.6	72.8
63	30.7	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: 55.617 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045531.D

Acq: 29 May 2020 19:59

Instrument :

BNA_G

ClientSampleId :

SB-7-S

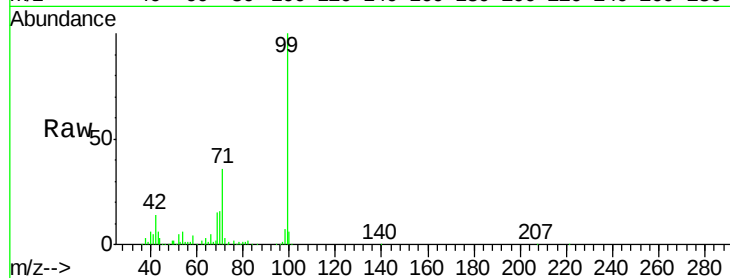
Tot Ion: 99 Resp: 268943

Ion Ratio Lower Upper

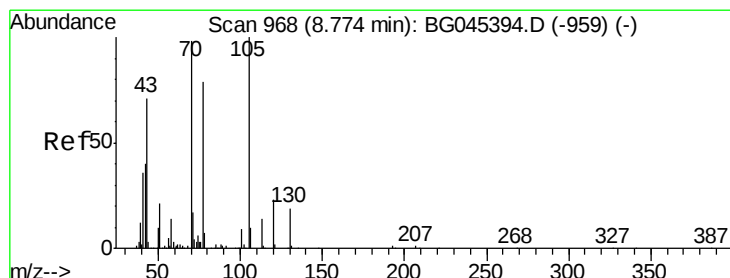
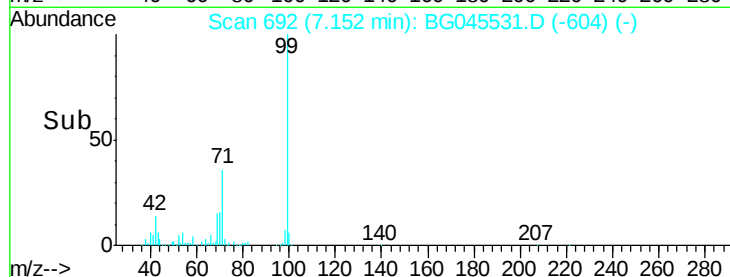
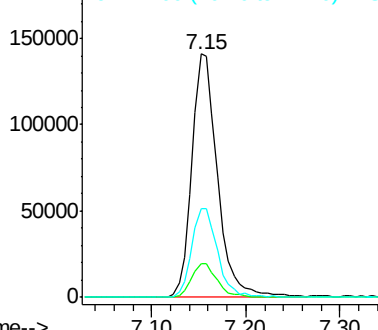
99 100

42 13.8 11.3 16.9

71 36.4 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: 8.799 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045531.D

Acq: 29 May 2020 19:59

Tgt Ion: 70 Resp: 29424

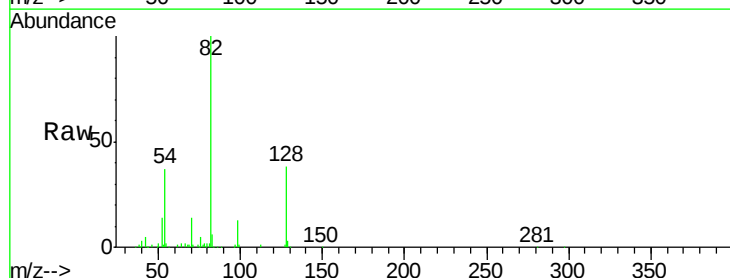
Ion Ratio Lower Upper

70 100

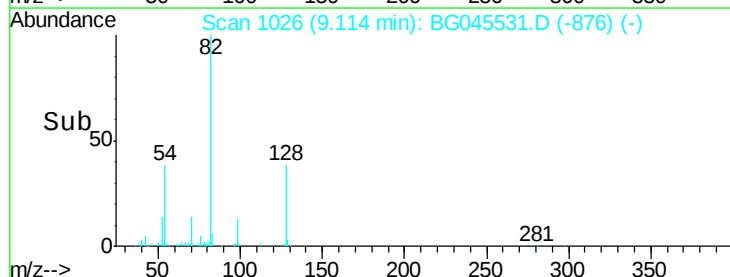
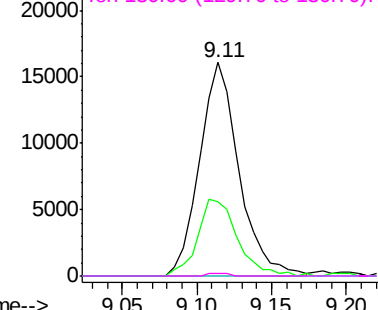
42 34.6 33.2 49.8

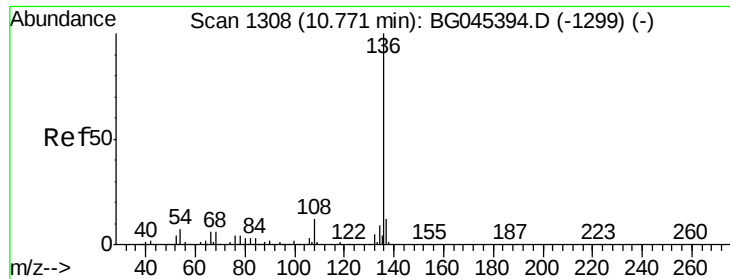
101 0.0 7.8 11.6#

130 1.3 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

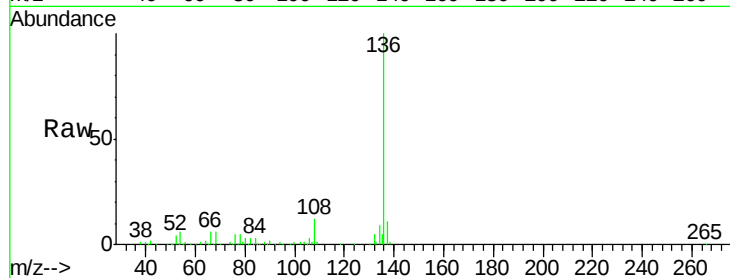




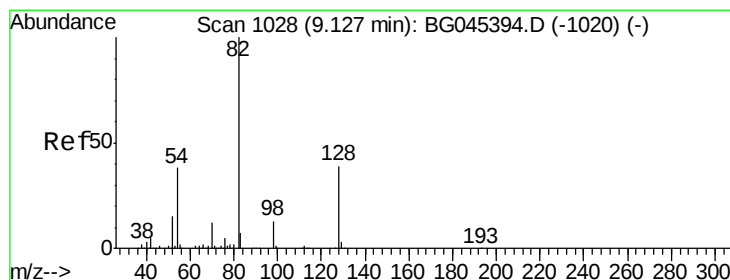
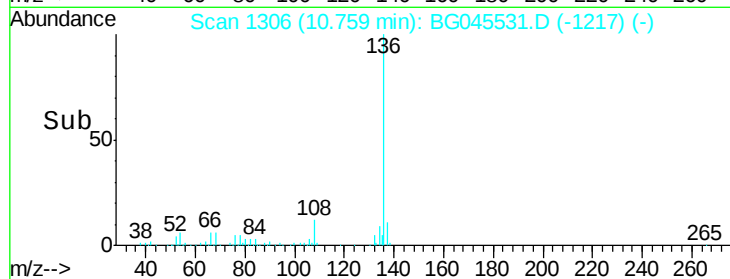
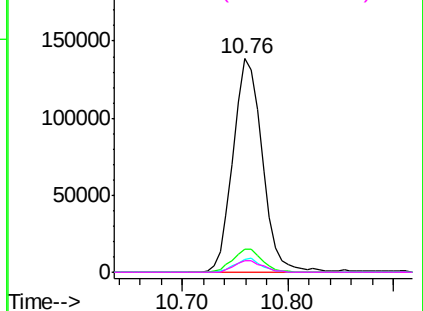
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

Instrument :
BNA_G
ClientSampleId :
SB-7-S

Tot Ion:136	Resp:	267094	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.4	14.2	
54 6.0	5.8	8.6	
68 5.6	4.5	6.7	

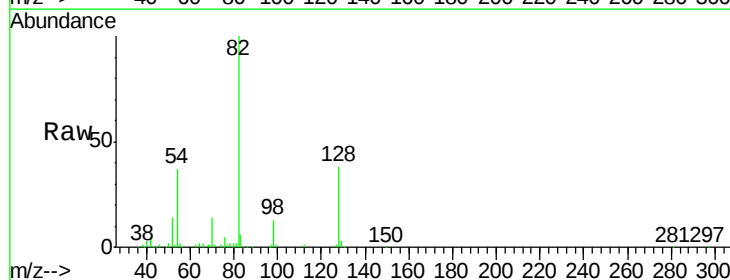


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

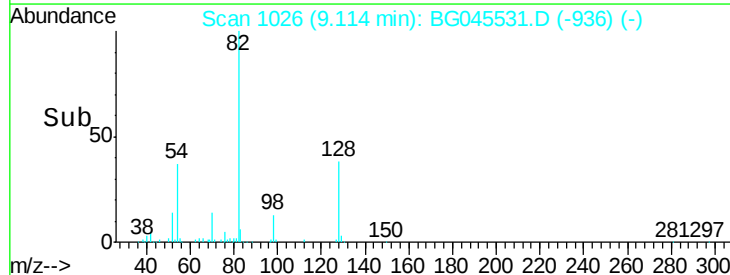
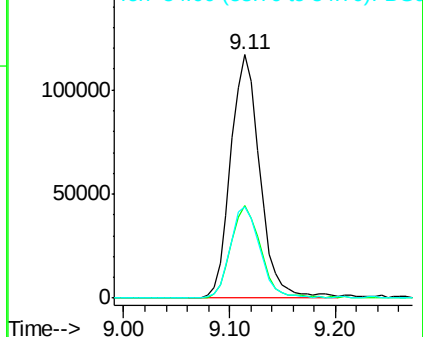


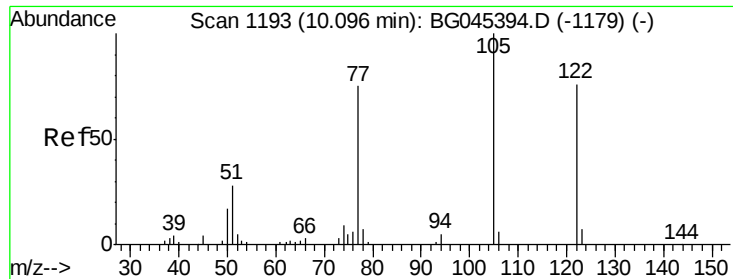
#23
Nitrobenzene-d5
Concen: 45.726 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

Tgt Ion: 82	Resp: 223966
Ion Ratio	Lower Upper
82 100	
128 38.1	30.9 46.3
54 37.5	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

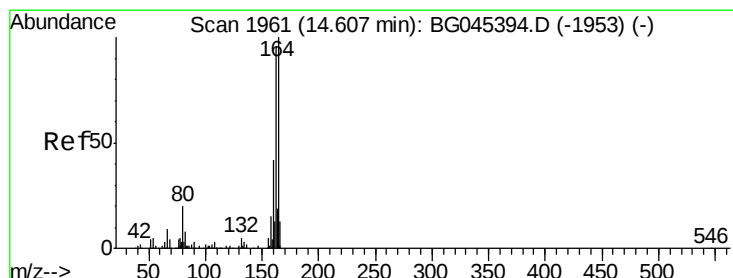
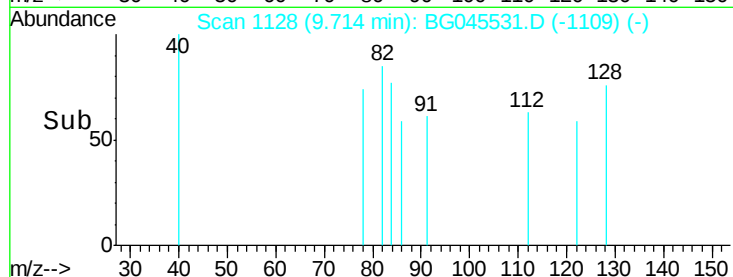
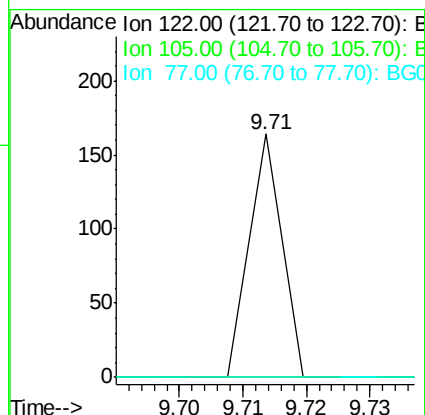
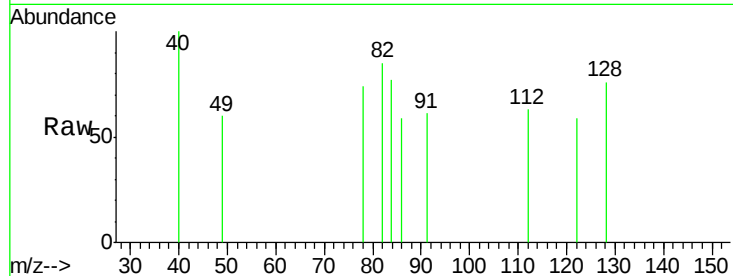




#32
Benzoic acid
Concen: 10.043 ng
RT: 9.71 min Scan# 1128
Delta R.T. -0.42 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

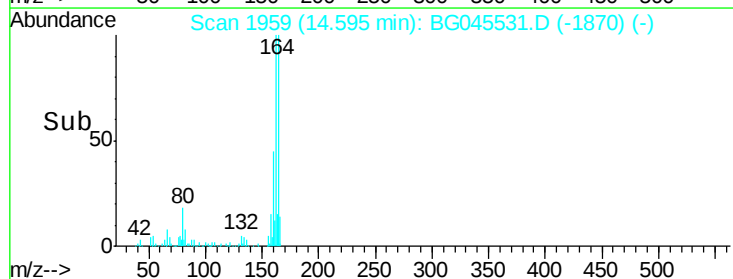
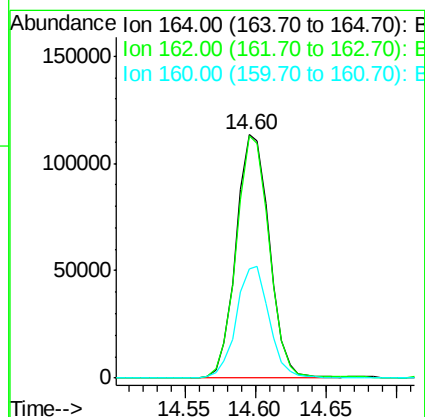
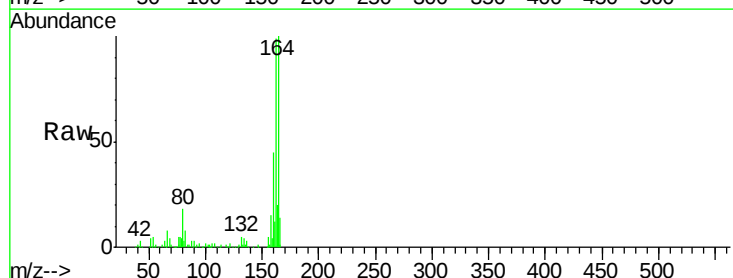
Instrument :
BNA_G
ClientSampleId :
SB-7-S

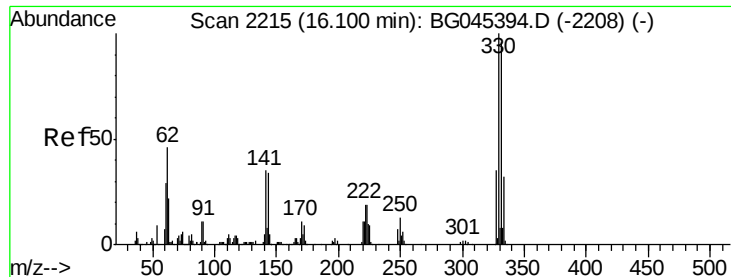
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	76.9	115.3
160	45.0	33.8	50.8

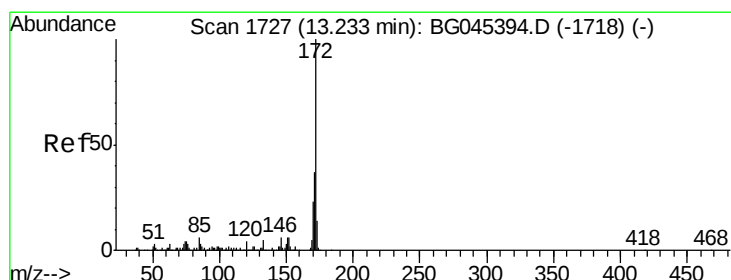
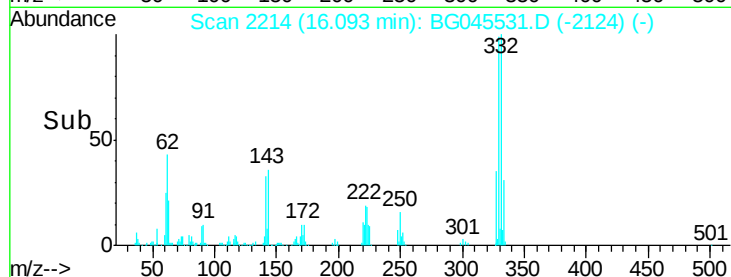
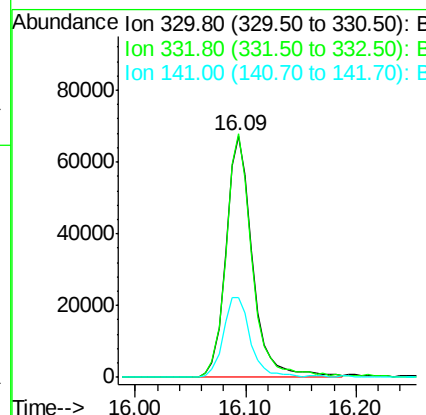
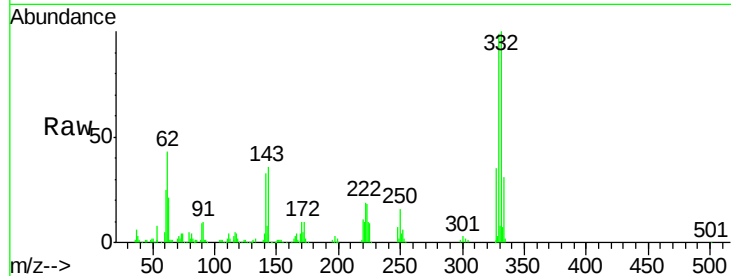




#42
 2,4,6-Tribromophenol
 Concen: 47.054 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045531.D
 Acq: 29 May 2020 19:59

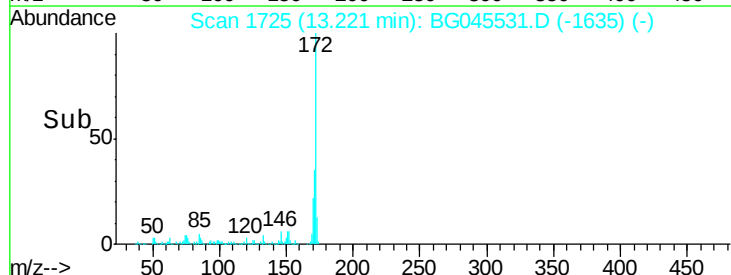
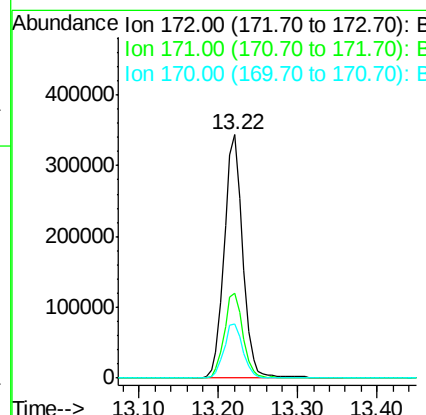
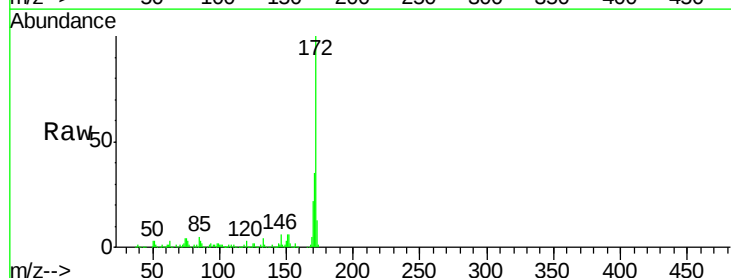
Instrument :
 BNA_G
 ClientSampled :
 SB-7-S

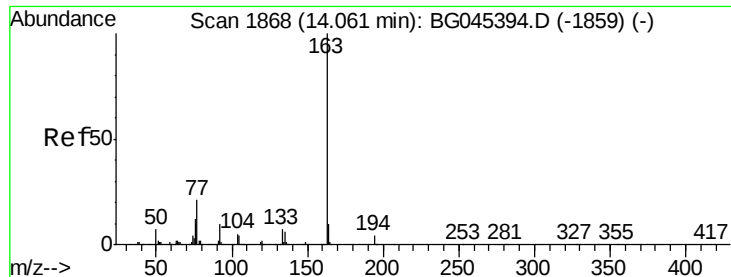
Tot Ion:330 Resp: 112819
 Ion Ratio Lower Upper
 330 100
 332 99.3 78.2 117.4
 141 33.8 28.2 42.4



#45
 2-Fluorobiphenyl
 Concen: 50.310 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045531.D
 Acq: 29 May 2020 19:59

Tgt Ion:172 Resp: 556069
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.5 44.3
 170 22.2 18.5 27.7





#50

Dimethylphthalate

Concen: 4.403 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045531.D

Acq: 29 May 2020 19:59

Instrument :

BNA_G

ClientSampleId :

SB-7-S

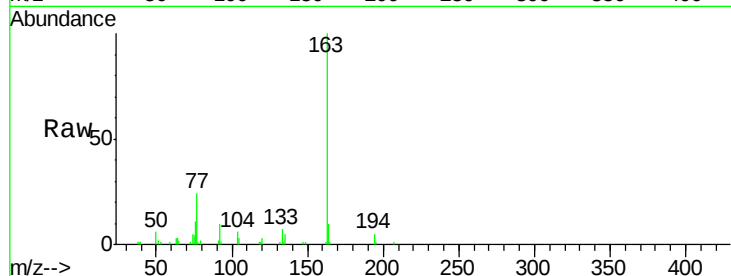
Tot Ion:163 Resp: 56632

Ion Ratio Lower Upper

163 100

194 5.1 3.2 4.8#

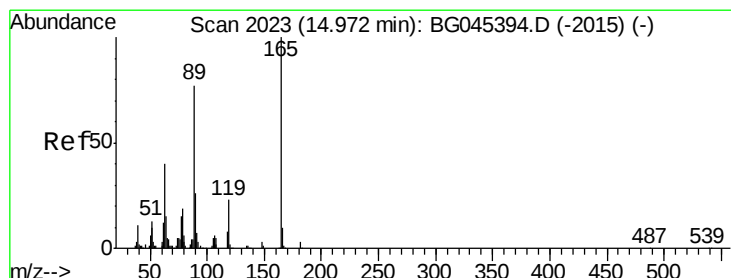
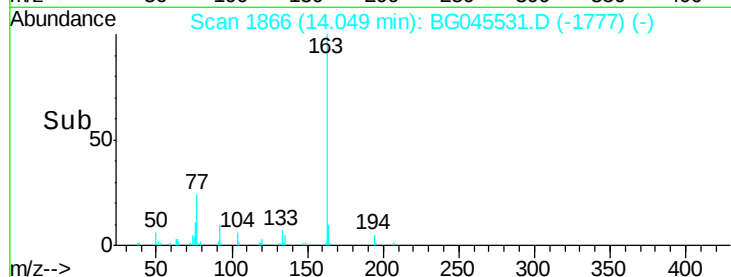
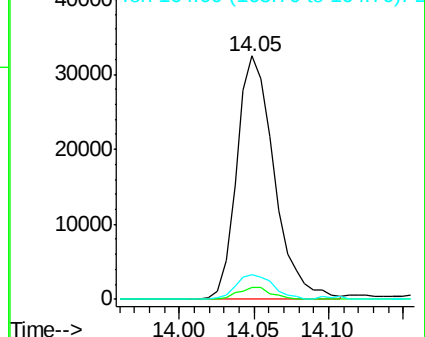
164 9.9 8.3 12.5



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: 5.901 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.37 min

Lab File: BG045531.D

Acq: 29 May 2020 19:59

Tgt Ion:165 Resp: 24801

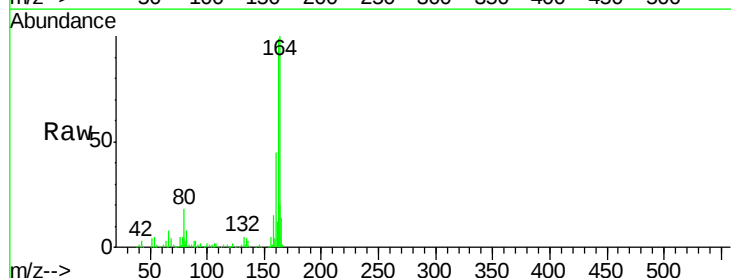
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 1.1 61.8 92.6#

182 0.0 2.3 3.5#

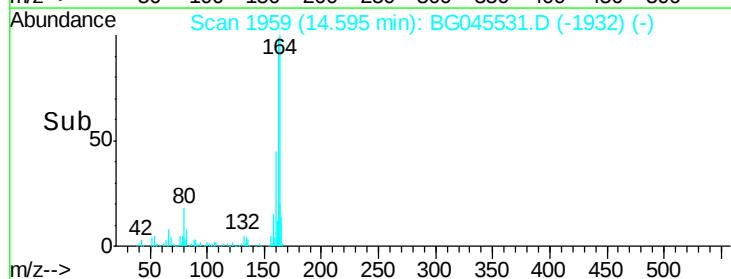
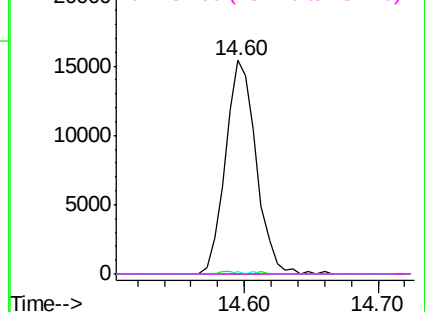


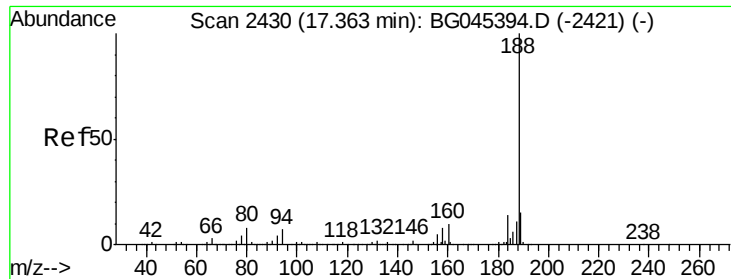
Abundance Ion 165.00 (164.70 to 165.70): E

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

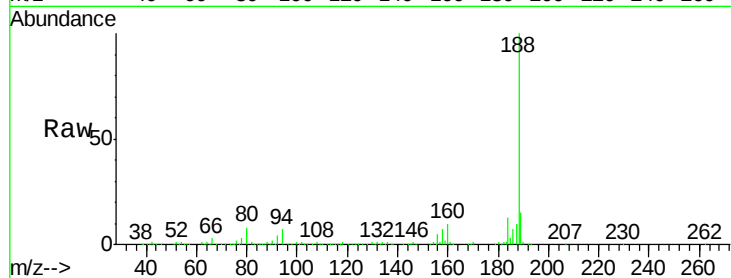




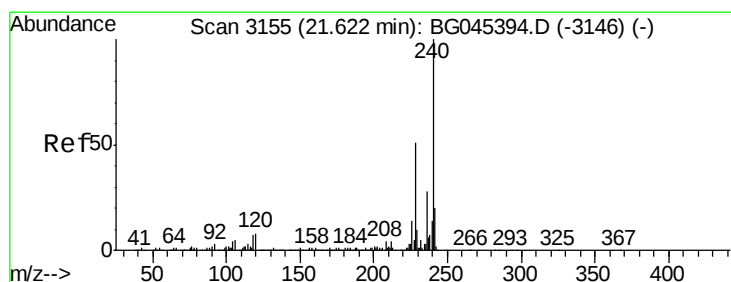
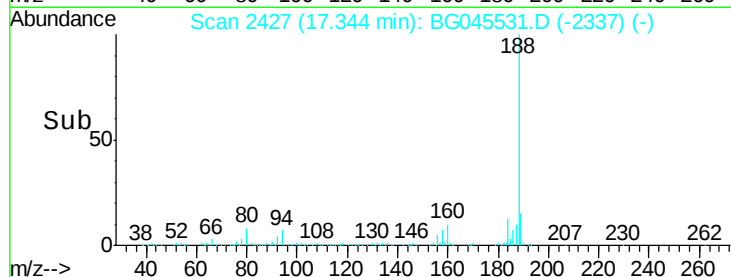
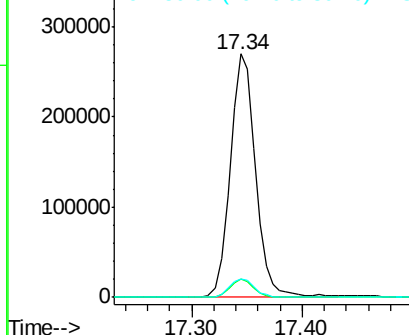
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

Instrument :
BNA_G
ClientSampleId :
SB-7-S

Tot Ion:188 Resp: 433216
Ion Ratio Lower Upper
188 100
94 7.3 5.5 8.3
80 7.7 6.6 10.0

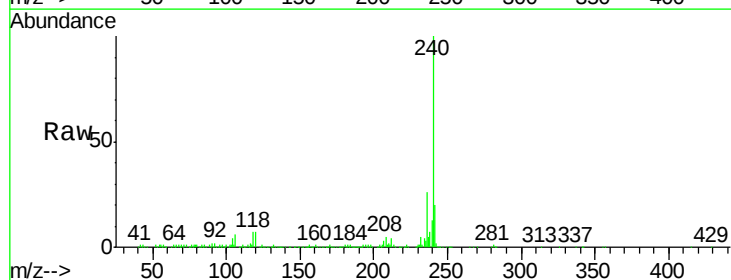


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

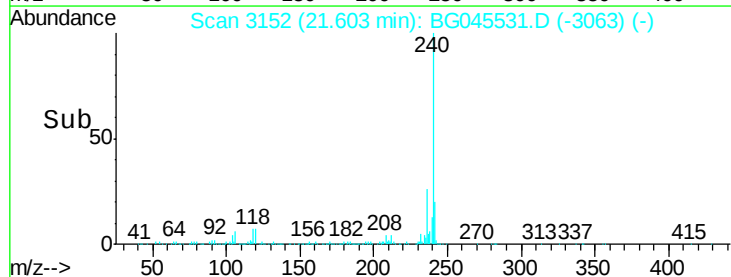
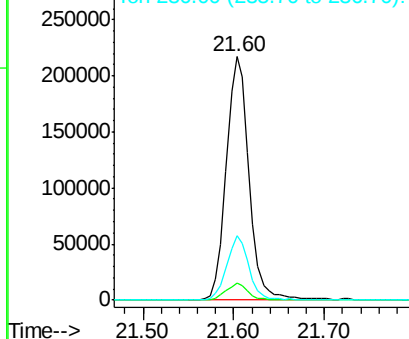


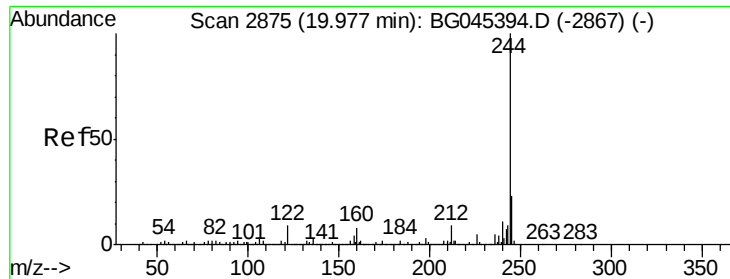
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

Tgt Ion:240 Resp: 377481
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 26.4 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





#79

Terphenyl-d14

Concen: 54.668 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045531.D

Acq: 29 May 2020 19:59

Instrument :

BNA_G

ClientSampleId :

SB-7-S

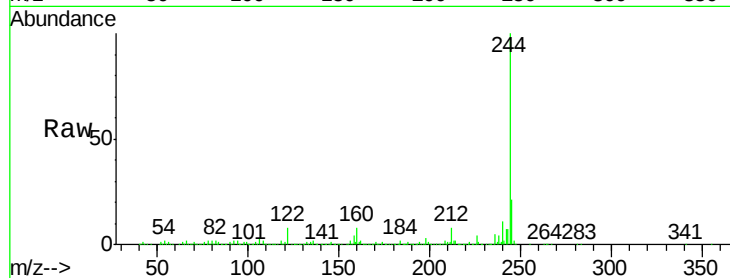
Tot Ion:244 Resp: 884795

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.0

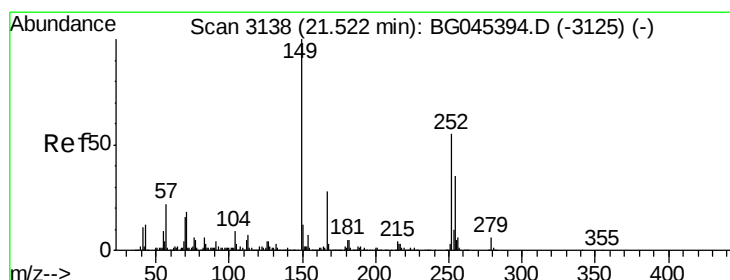
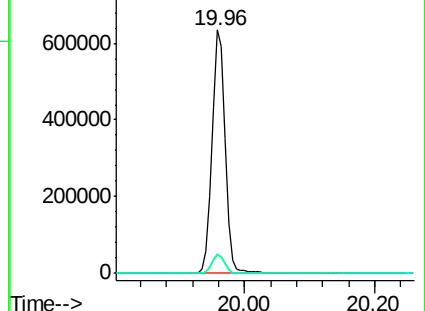
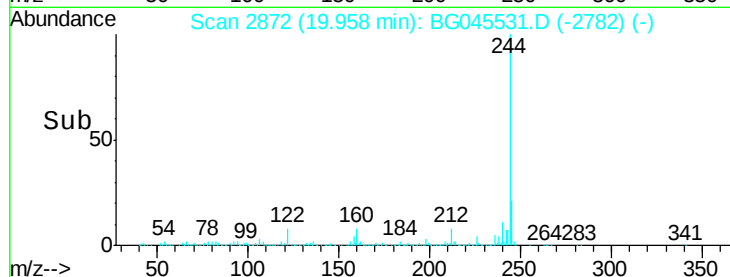
122 8.2 6.8 10.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 87.401 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045531.D

Acq: 29 May 2020 19:59

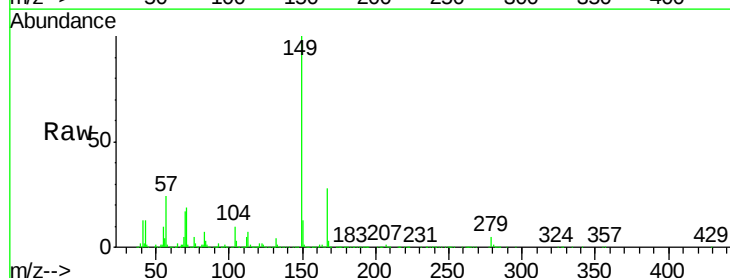
Tgt Ion:149 Resp: 1115879

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

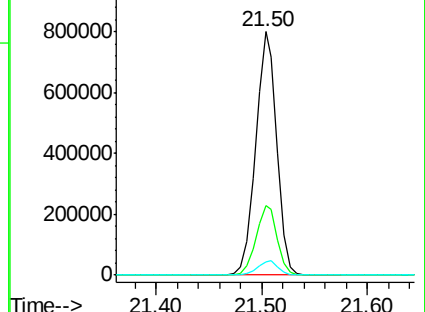
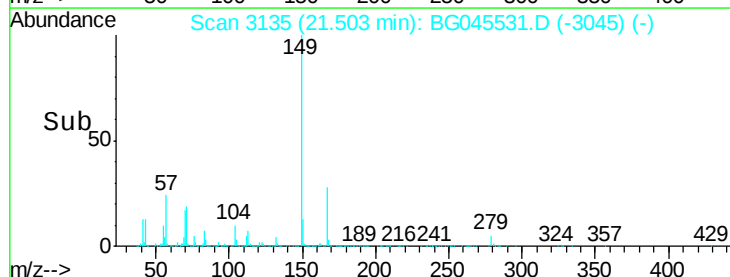
279 5.5 4.7 7.1

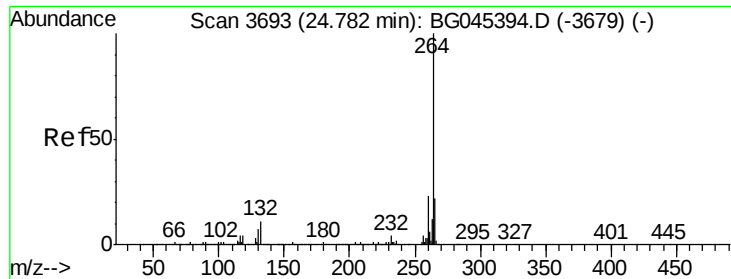


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045531.D
Acq: 29 May 2020 19:59

Instrument :
BNA_G
ClientSampleId :
SB-7-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.6	17.6	26.4

