

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\
 Data File : BG045332.D
 Acq On : 12 May 2020 17:07
 Operator : CG/JU
 Sample : PB128809BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BL

Quant Time: May 12 17:50:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

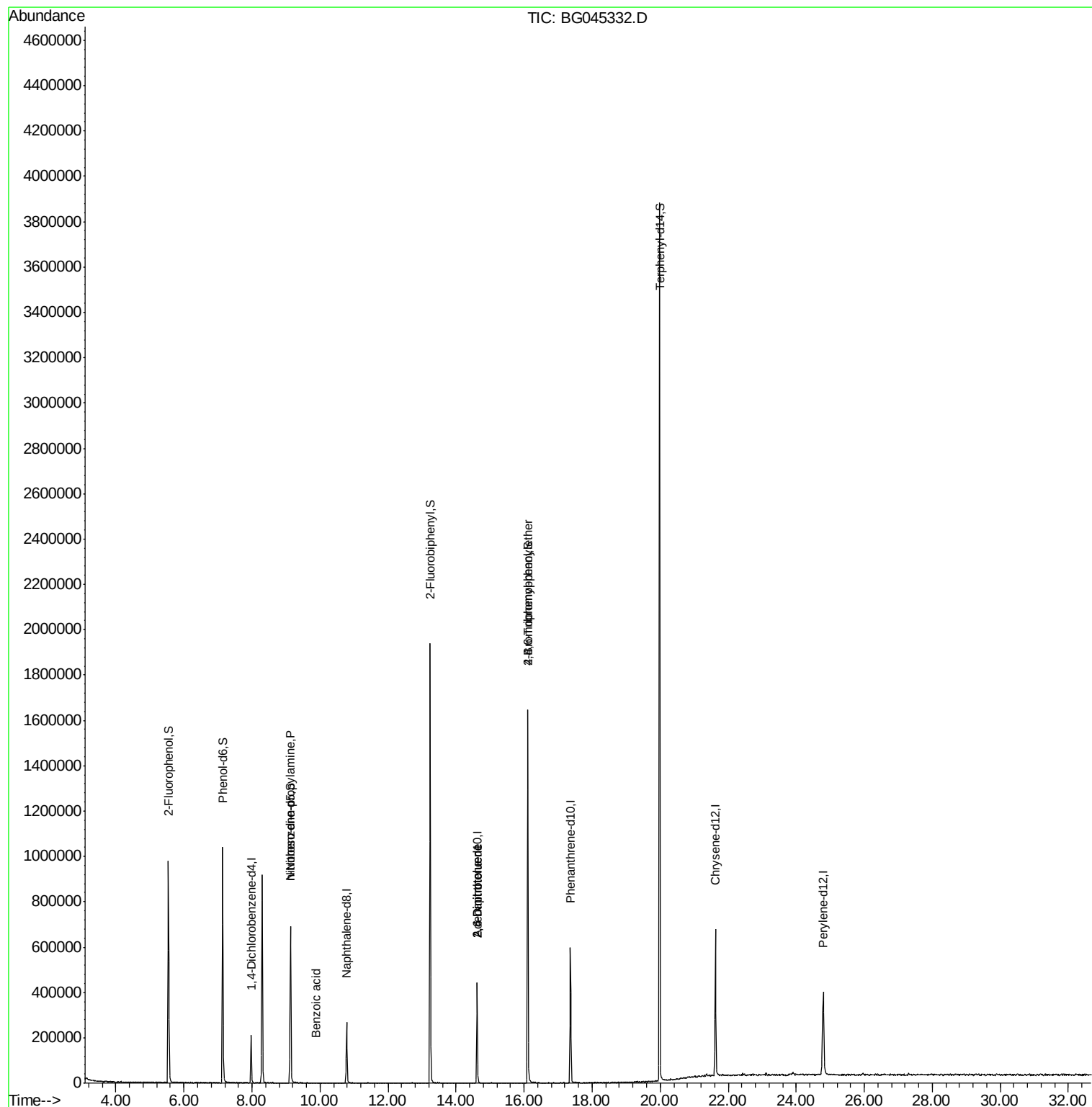
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	64584	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	251796	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	172334	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	411059	20.00	ng	0.00
76) Chrysene-d12	21.63	240	418064	20.00	ng	0.00
87) Perylene-d12	24.79	264	432070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	486333	124.32	ng	0.00
7) Phenol-d6	7.14	99	689152	118.57	ng	0.00
23) Nitrobenzene-d5	9.13	82	473759	85.85	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	342136	128.51	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1065707	90.68	ng	0.00
79) Terphenyl-d14	19.98	244	1917000	99.94	ng	0.00
Target Compounds						
9) Benzaldehyde	7.14	77	828	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.13	70	63353	15.413 ng	#	81
32) Benzoic acid	9.88	122	57	6.390 ng	#	1
51) 2,6-Dinitrotoluene	14.61	165	22678	7.226 ng	#	23
57) 2,4-Dinitrotoluene	14.61	165	22678	4.944 ng	#	21
67) 4-Bromophenyl-phenylether	16.11	248	22767	4.293 ng	#	1
74) Di-n-butylphthalate	18.33	149	73	Below Cal	#	76
75) Fluoranthene	19.37	202	54	Below Cal	#	62
77) Benzidine	19.98	184	37663	Below Cal	#	88

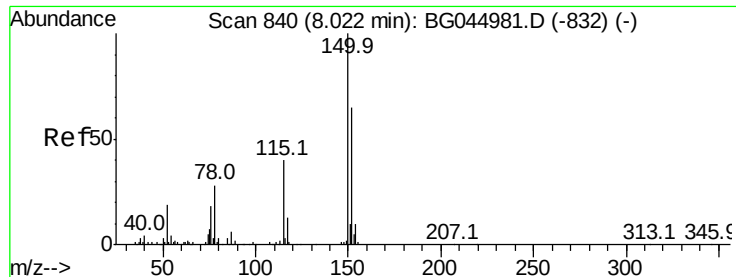
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\
Data File : BG045332.D
Acq On : 12 May 2020 17:07
Operator : CG/JU
Sample : PB128809BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128809BL

Quant Time: May 12 17:50:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration



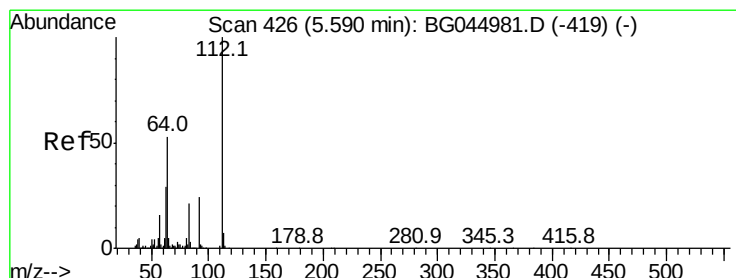
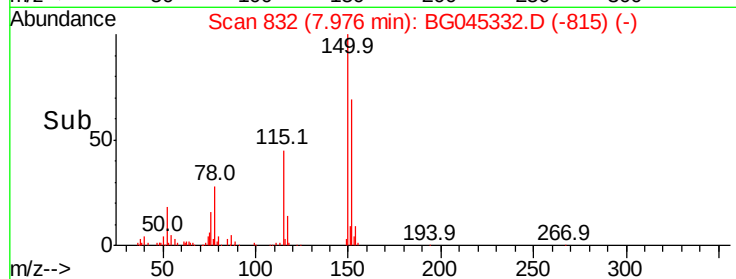
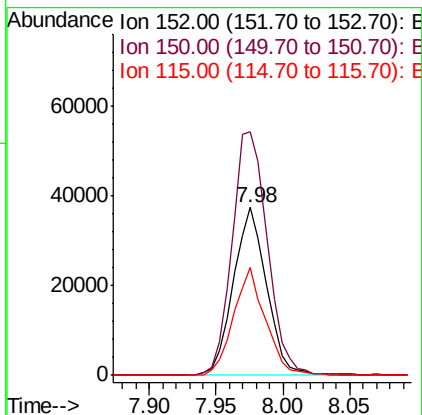
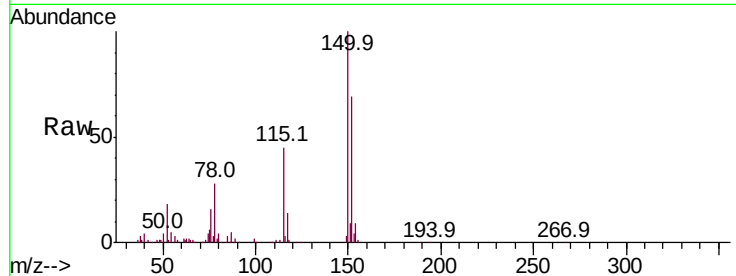


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045332.D
Acq: 12 May 2020 17:07

Instrument :
BNA_G
ClientSampleId :
PB128809BL

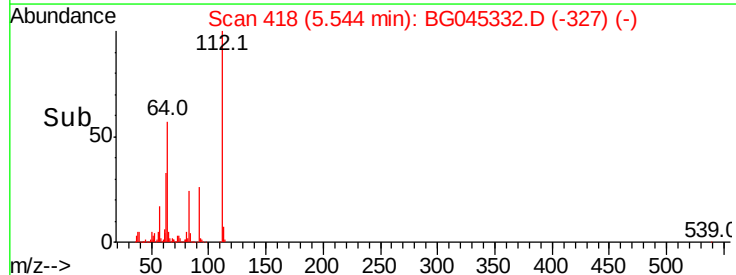
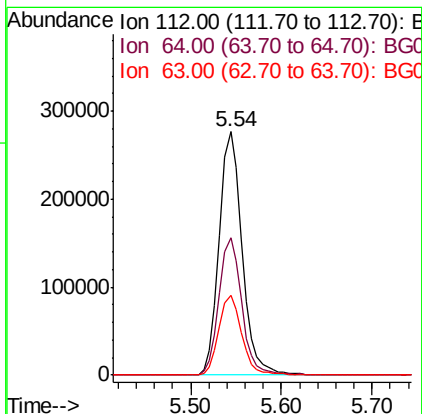
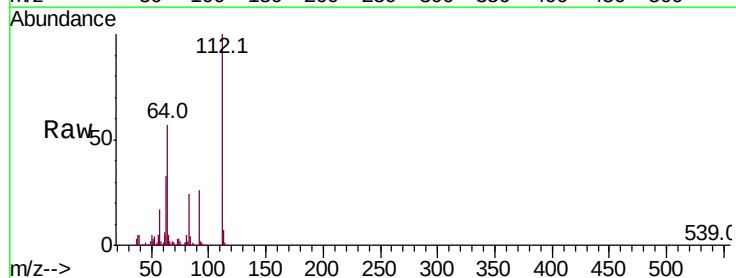
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.9	123.6	185.4
115	64.5	49.1	73.7

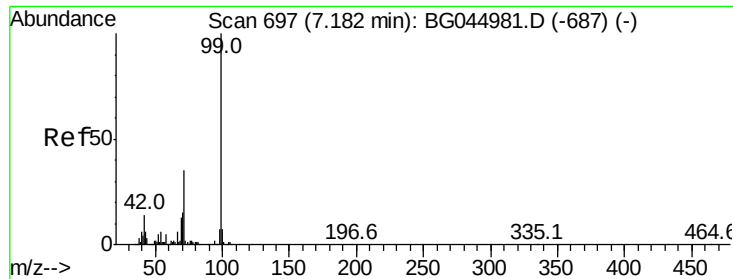


#5

2-Fluorophenol
Concen: 124.320 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045332.D
Acq: 12 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	42.4	63.6
63	32.8	23.1	34.7





#7

Phenol-d6

Concen: 118.571 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

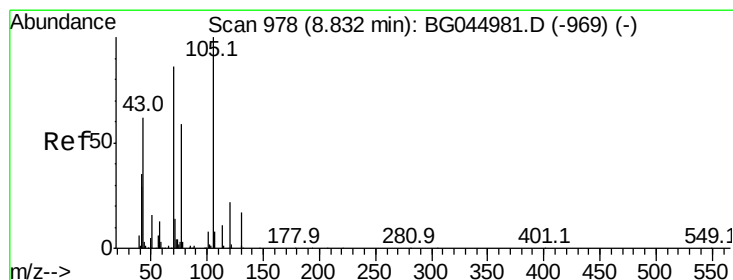
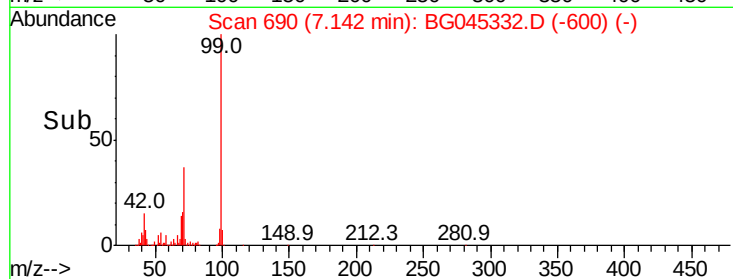
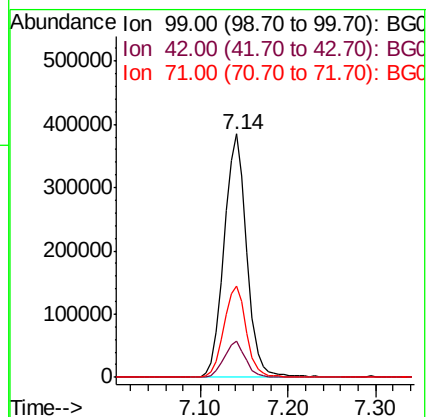
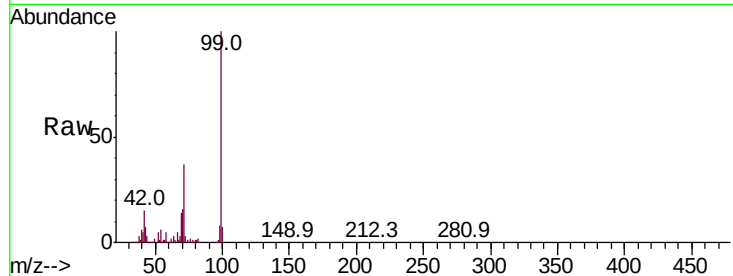
Tot Ion: 99 Resp: 689152

Ion Ratio Lower Upper

99 100

42 14.6 11.3 16.9

71 37.3 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.413 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.34 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Tgt Ion: 70 Resp: 63353

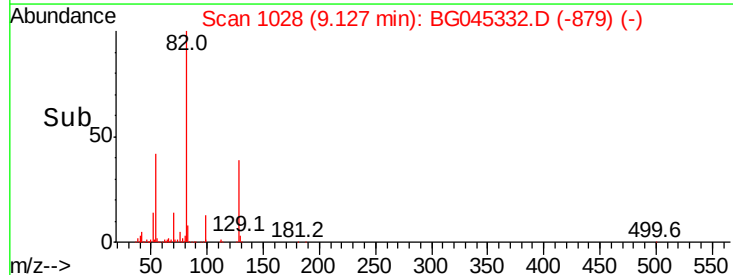
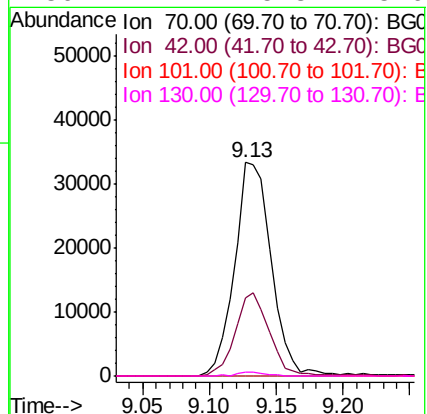
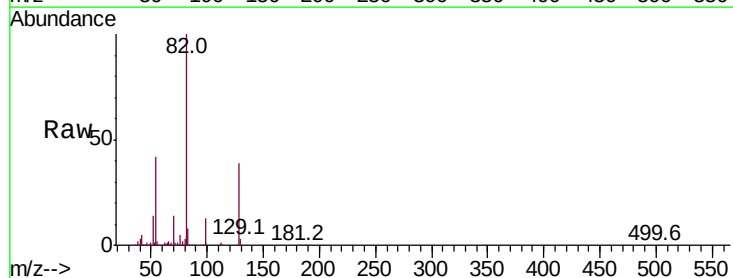
Ion Ratio Lower Upper

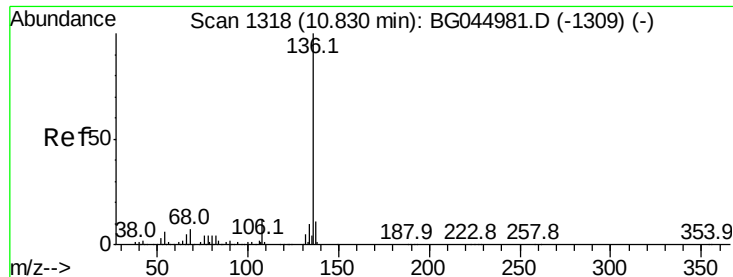
70 100

42 36.6 33.3 49.9

101 0.0 7.8 11.8#

130 1.7 15.8 23.6#

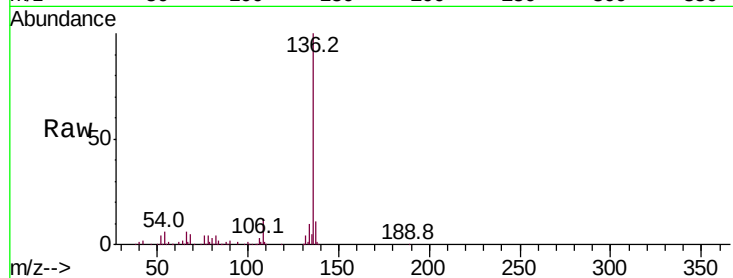




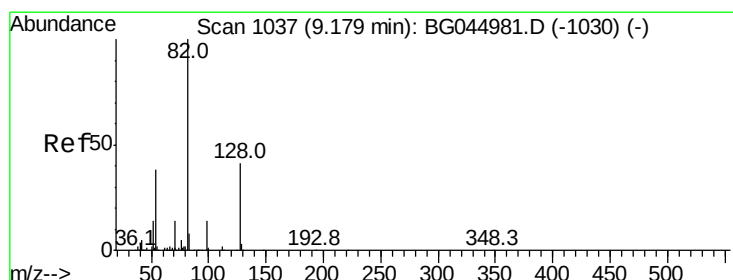
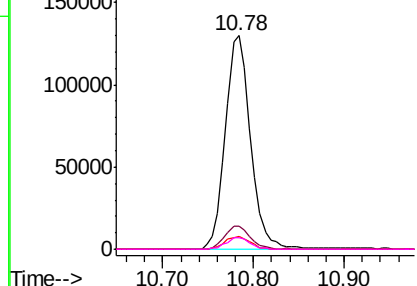
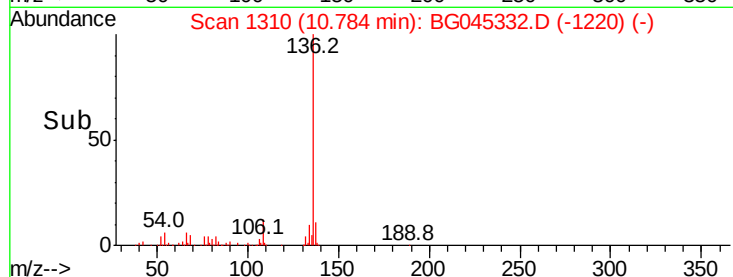
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045332.D
Acq: 12 May 2020 17:07

Instrument :
BNA_G
ClientSampleId :
PB128809BL

Tot Ion:136	Resp:	251796
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.6	13.0
54 6.2	4.8	7.2
68 5.2	5.2	7.8

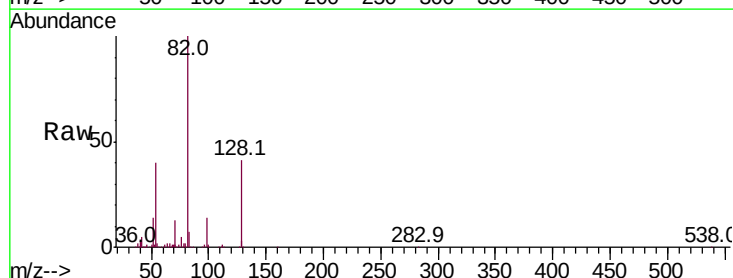


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

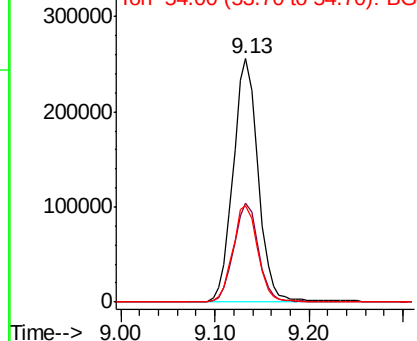
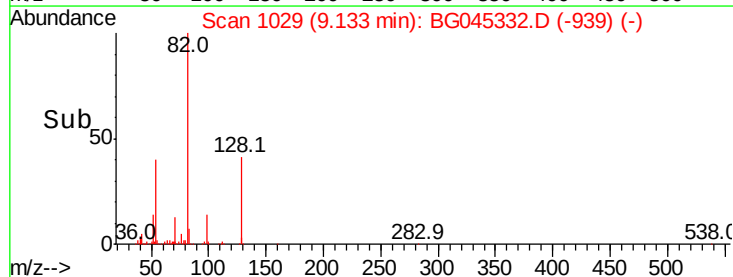


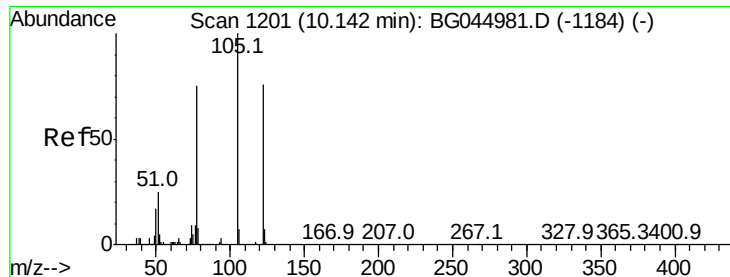
#23
Nitrobenzene-d5
Concen: 85.851 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045332.D
Acq: 12 May 2020 17:07

Tgt Ion: 82	Resp:	473759
Ion Ratio	Lower	Upper
82 100		
128 40.6	33.0	49.4
54 39.7	30.4	45.6



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: 6.390 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.22 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

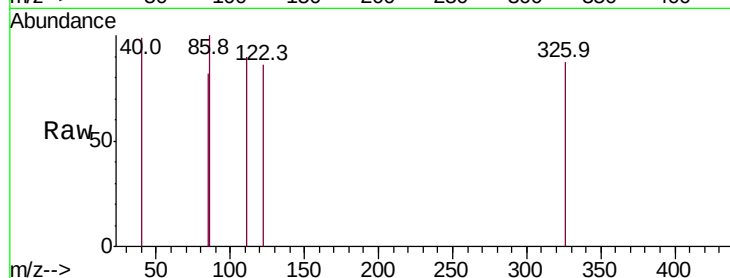
Tot Ion:122 Resp: 57

Ion Ratio Lower Upper

122 100

105 0.0 108.4 148.4#

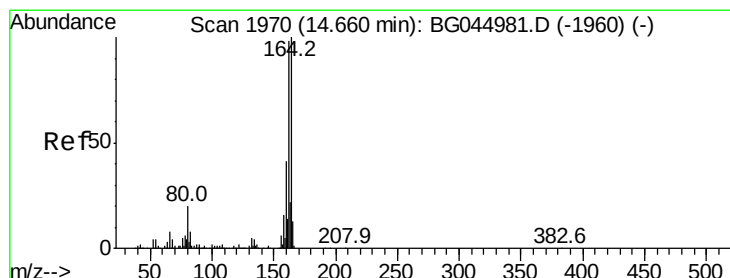
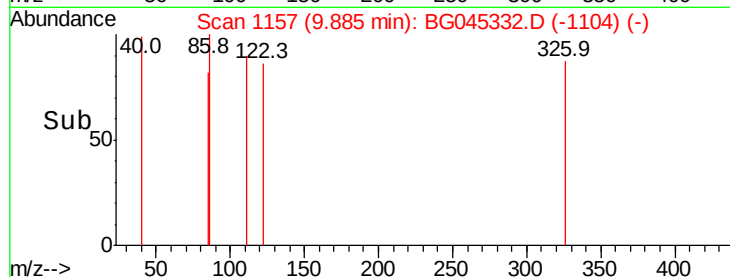
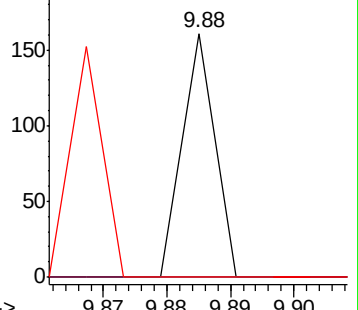
77 0.0 78.8 118.8#



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): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

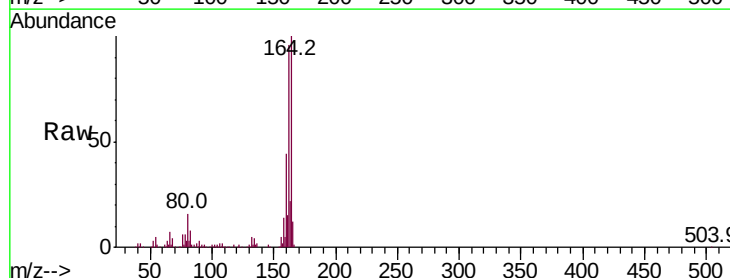
Tgt Ion:164 Resp: 172334

Ion Ratio Lower Upper

164 100

162 96.5 78.7 118.1

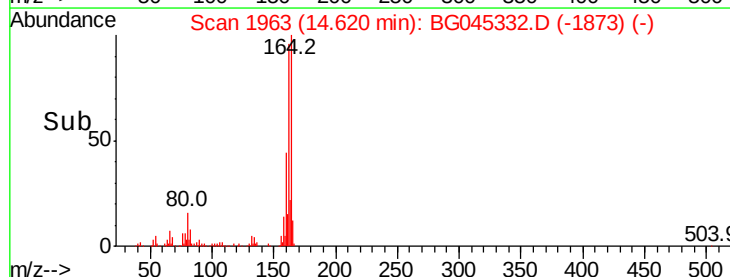
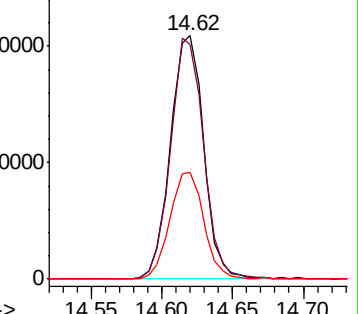
160 43.8 32.8 49.2

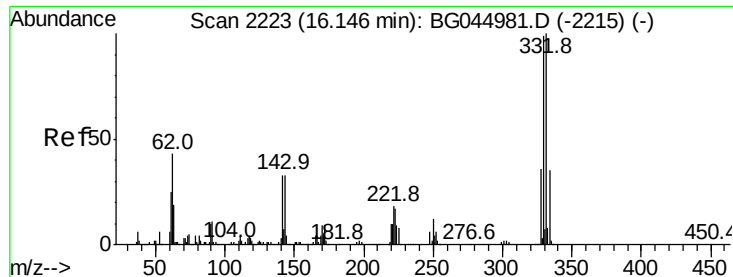


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

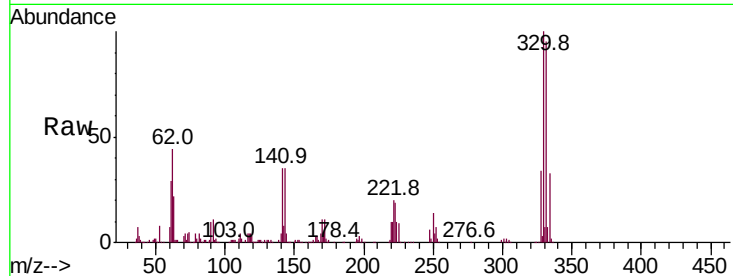




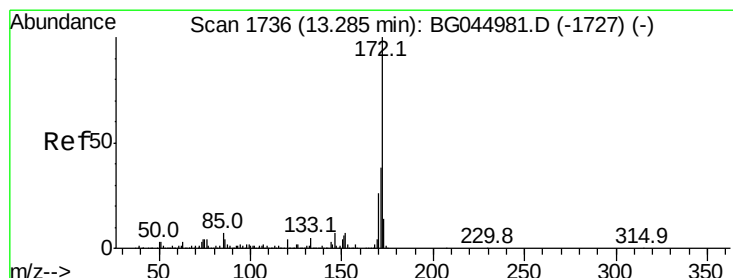
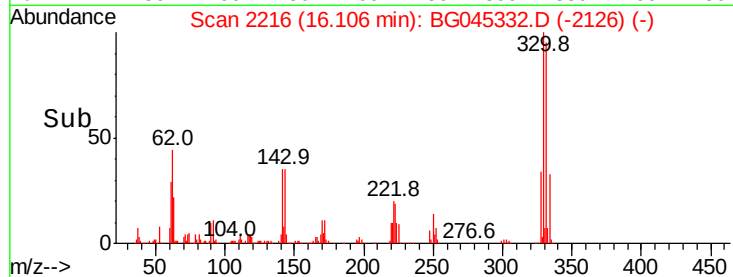
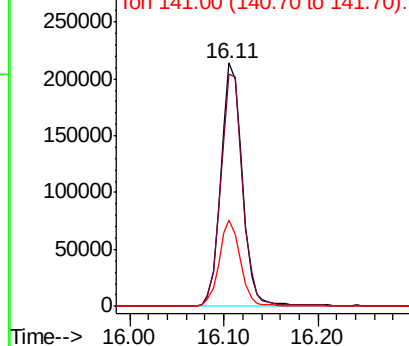
#42
 2,4,6-Tribromophenol
 Concen: 128.510 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045332.D
 Acq: 12 May 2020 17:07

Instrument :
 BNA_G
 ClientSampled :
 PB128809BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.1	118.7
141	34.9	27.1	40.7

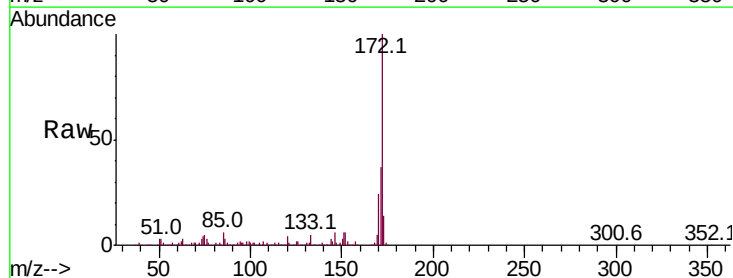


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

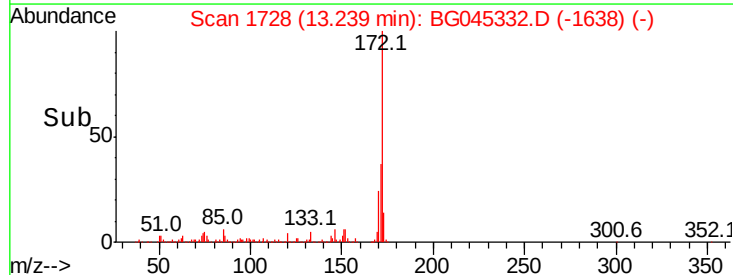
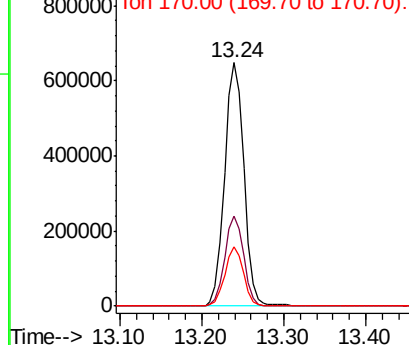


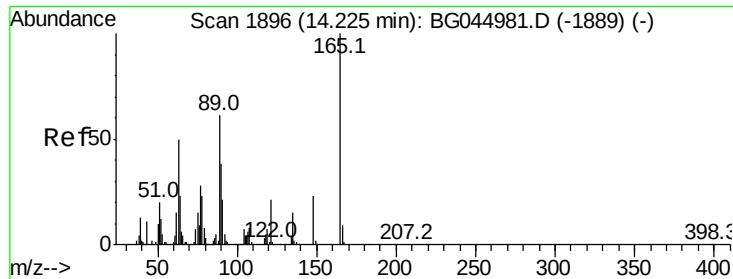
#45
 2-Fluorobiphenyl
 Concen: 90.677 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045332.D
 Acq: 12 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.2	20.5	30.7



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





#51

2,6-Dinitrotoluene

Concen: 7.226 ng

RT: 14.61 min Scan# 1962

Delta R.T. 0.43 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

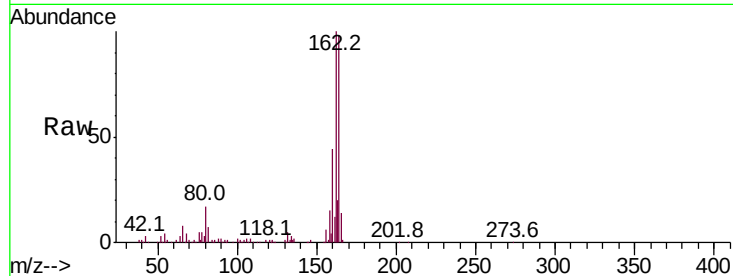
Tot Ion:165 Resp: 22678

Ion Ratio Lower Upper

165 100

63 0.0 40.4 60.6#

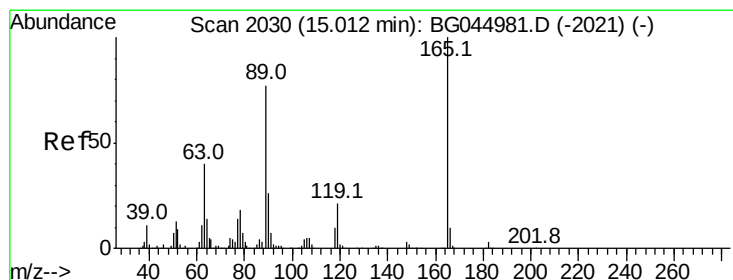
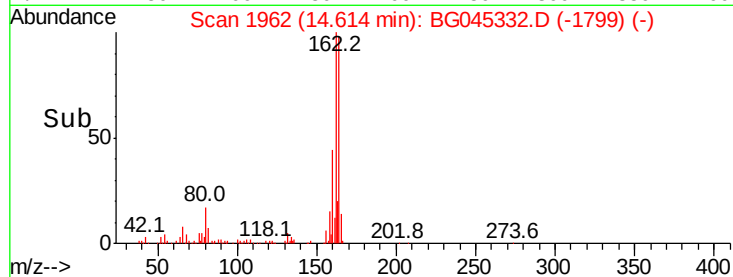
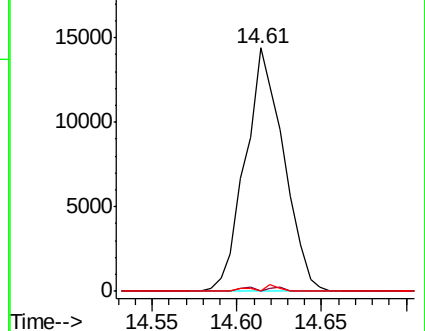
89 0.0 49.1 73.7#



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



#57

2,4-Dinitrotoluene

Concen: 4.944 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.37 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Tgt Ion:165 Resp: 22678

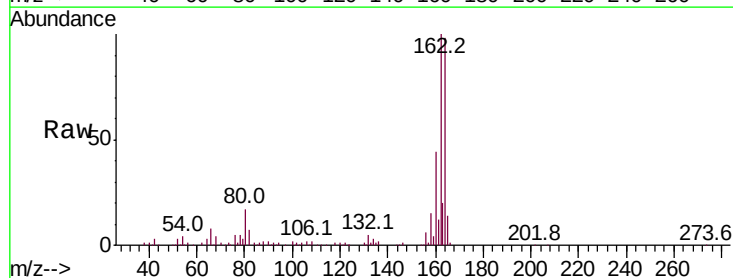
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 0.0 61.7 92.5#

182 0.0 2.0 3.0#

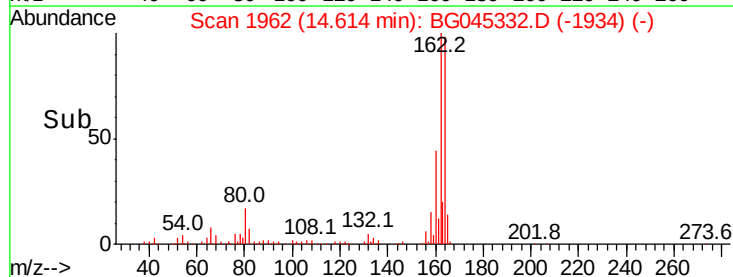
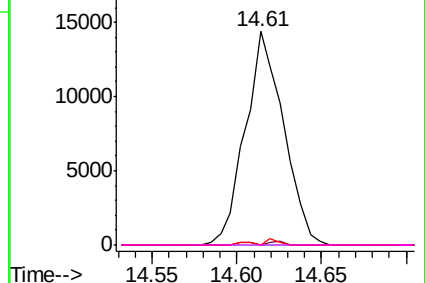


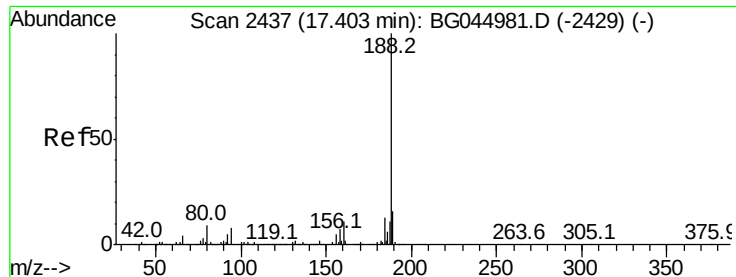
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

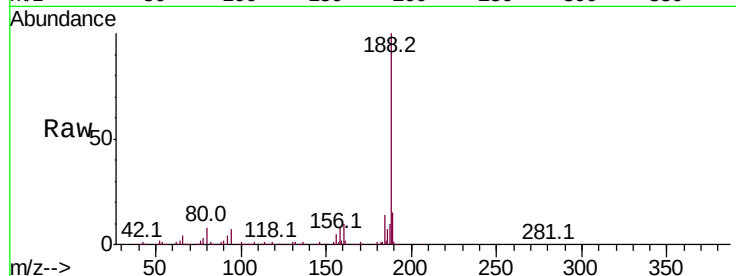
Tot Ion:188 Resp: 411059

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

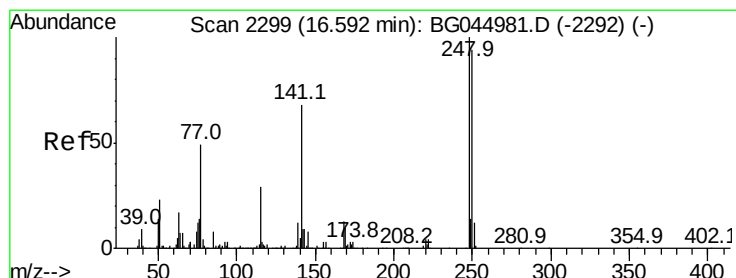
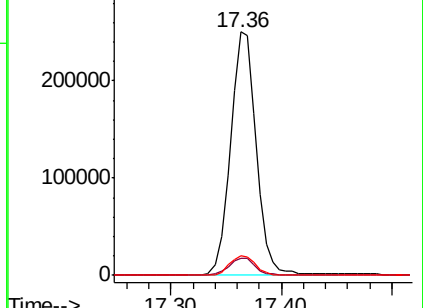
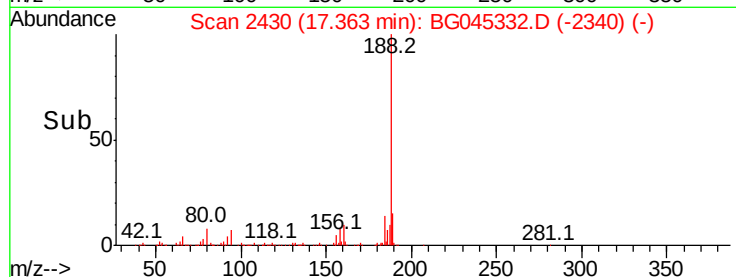
80 8.2 7.0 10.6



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: 4.293 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.45 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

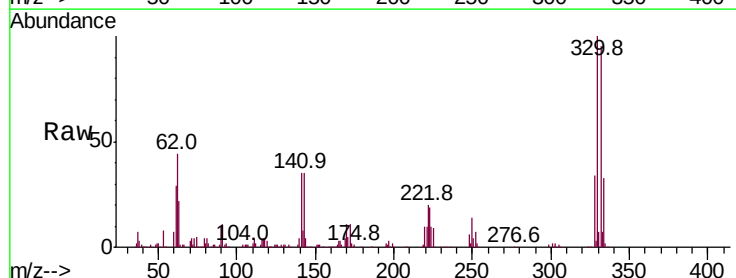
Tgt Ion:248 Resp: 22767

Ion Ratio Lower Upper

248 100

250 223.6 75.4 113.2#

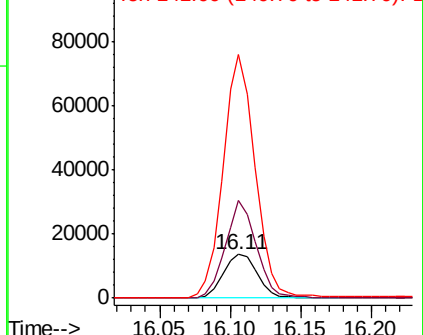
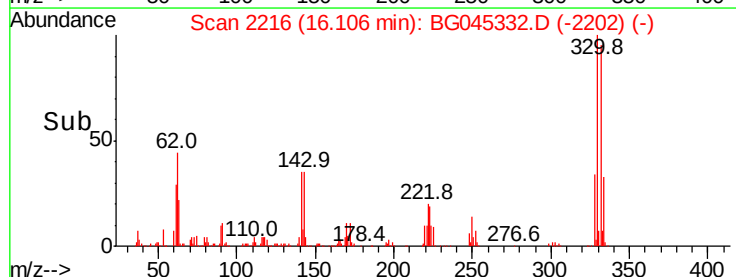
141 559.7 54.4 81.6#

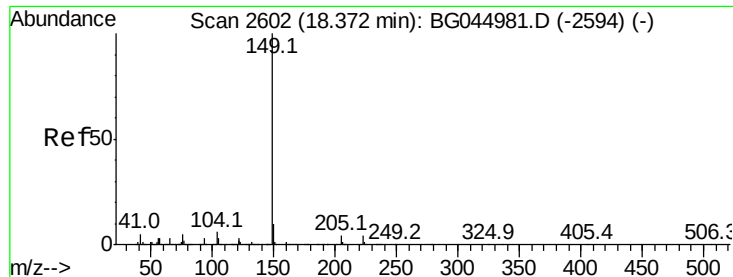


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

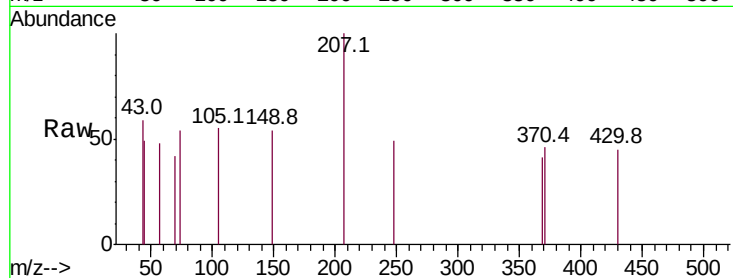
Tot Ion:149 Resp: 73

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

104 0.0 4.8 7.2#

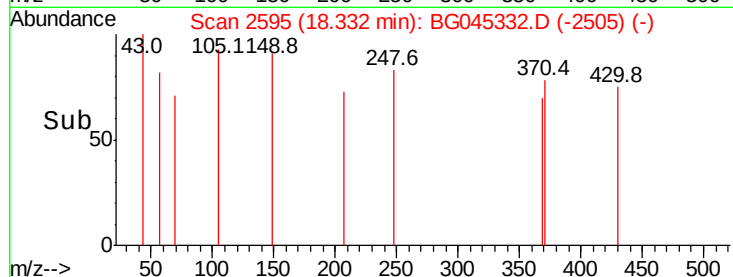


Abundance Ion 149.00 (148.70 to 149.70): E

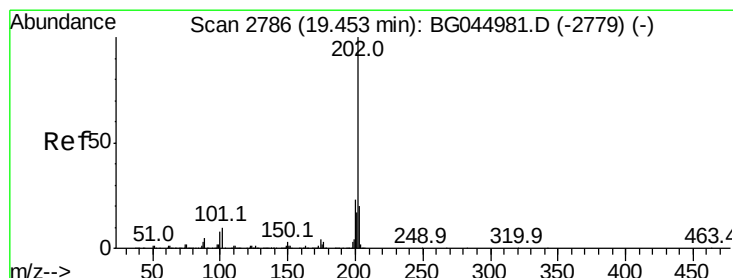
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.33



Time-->



#75

Fluoranthene

Concen: Below Cal

RT: 19.37 min Scan# 2771

Delta R.T. -0.06 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

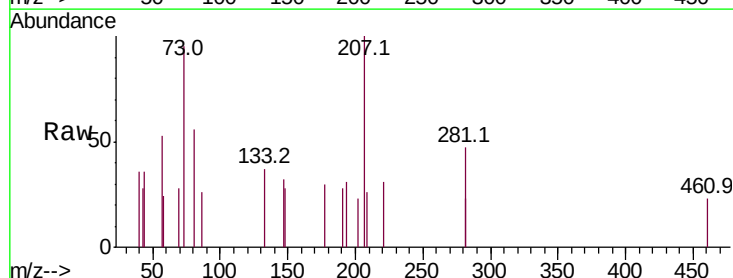
Tgt Ion:202 Resp: 54

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

203 0.0 0.0 39.7

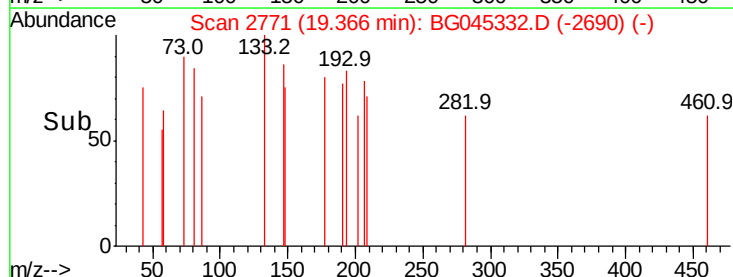


Abundance Ion 202.00 (201.70 to 202.70): E

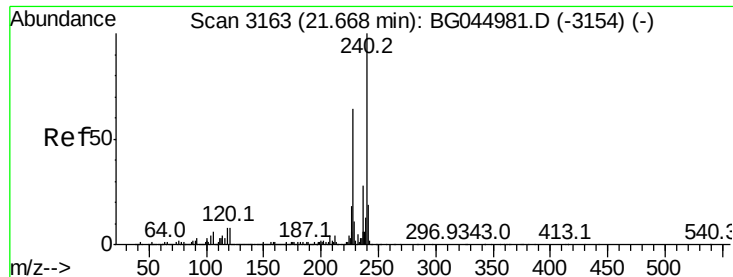
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.37



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

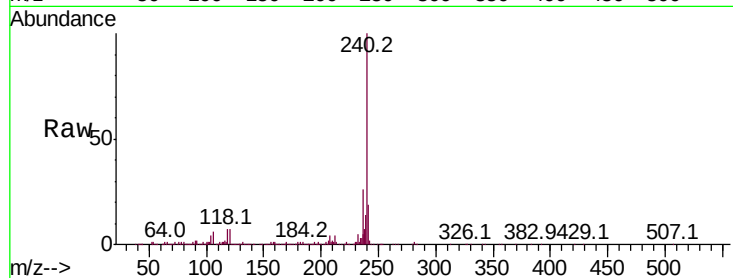
Tot Ion:240 Resp: 418064

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

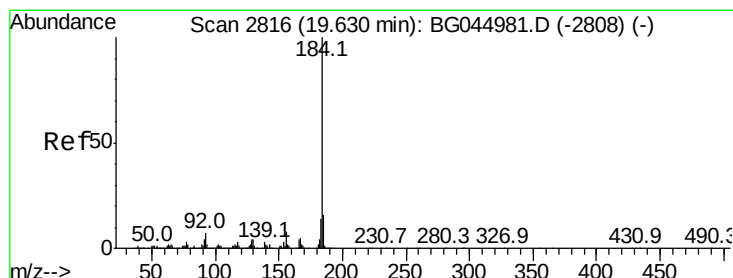
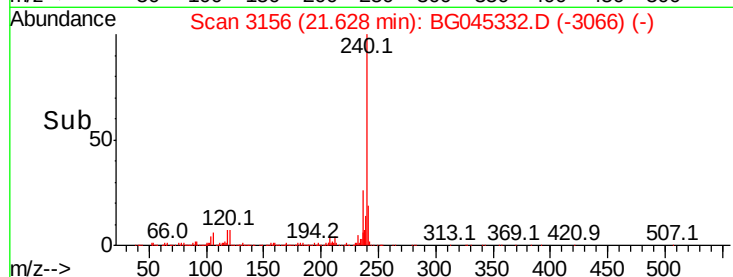
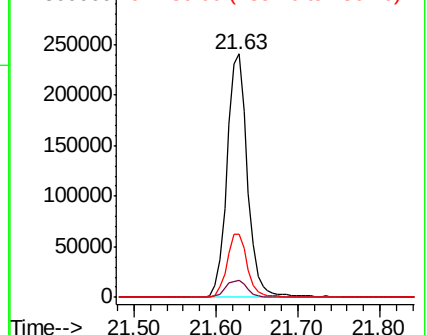
236 25.8 22.2 33.2



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: Below Cal

RT: 19.98 min Scan# 2876

Delta R.T. 0.39 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

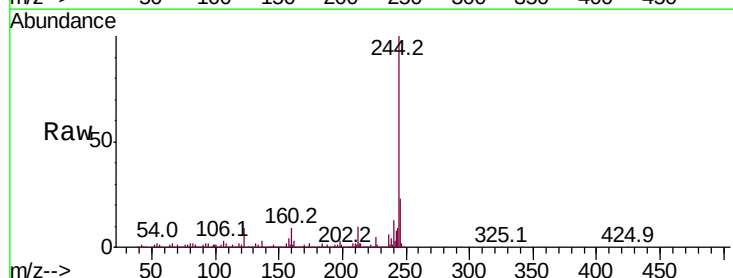
Tgt Ion:184 Resp: 37663

Ion Ratio Lower Upper

184 100

185 18.5 12.6 19.0

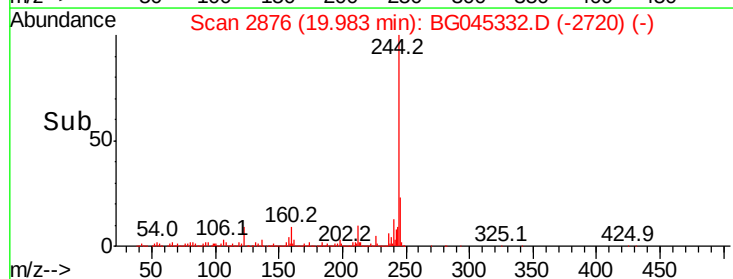
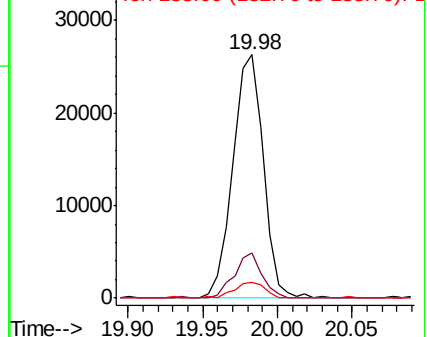
183 6.5 11.3 16.9#

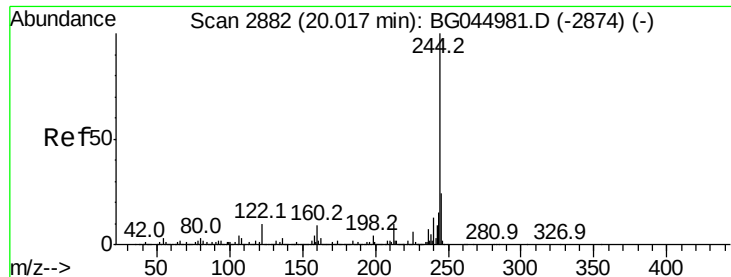


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 99.942 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

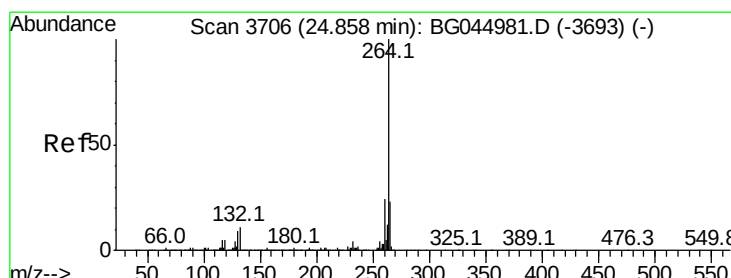
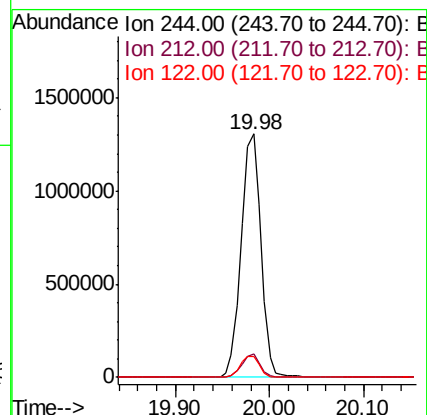
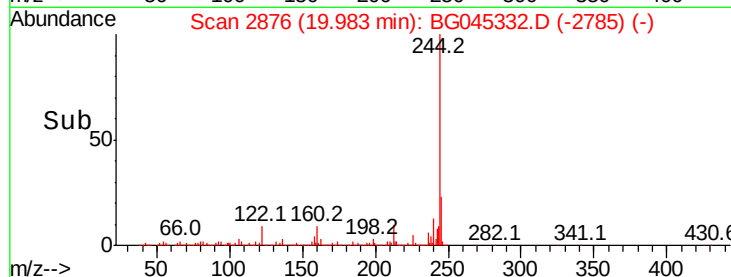
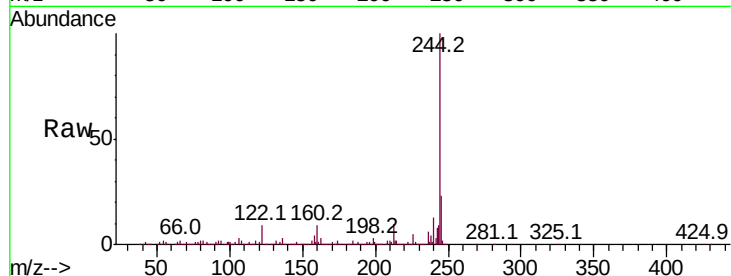
Tot Ion:244 Resp: 1917000

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	8.7	7.7	11.5

244 100

212 9.5 7.9 11.9

122 8.7 7.7 11.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Tgt Ion:264 Resp: 432070

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.0	19.0	28.4

264 100

260 22.7 19.2 28.8

265 21.0 19.0 28.4

