

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
 Data File : BG045169.D
 Acq On : 24 Apr 2020 20:23
 Operator : CG/JU
 Sample : L2401-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:21:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

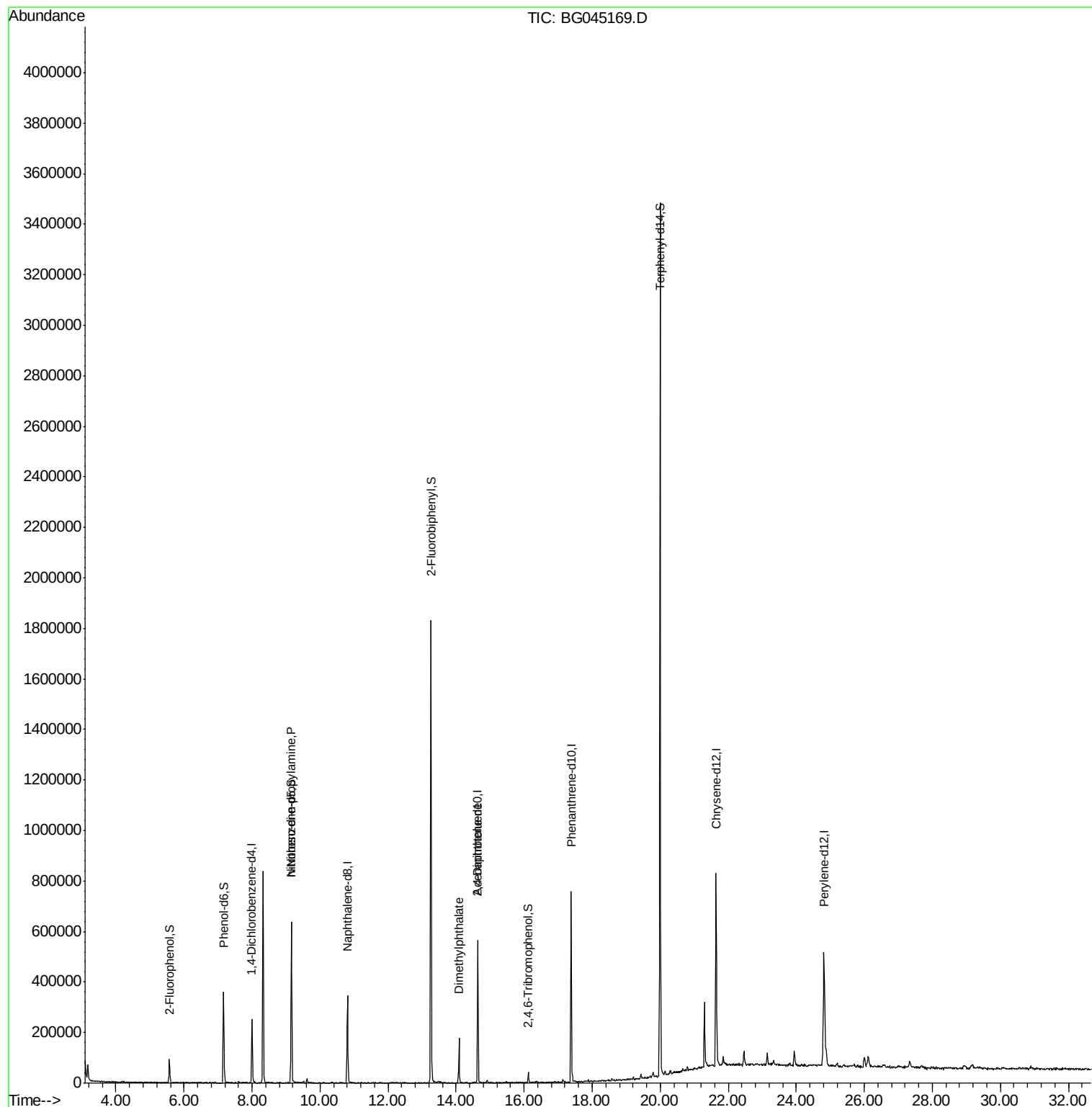
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	79064	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	309579	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	215036	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	518884	20.00	ng	0.00
76) Chrysene-d12	21.64	240	508538	20.00	ng	-0.01
87) Perylene-d12	24.82	264	545970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	45646	9.53	ng	0.00
7) Phenol-d6	7.16	99	248107	34.87	ng	0.00
23) Nitrobenzene-d5	9.16	82	441016	65.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	9308	2.80	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1021142	69.63	ng	0.00
79) Terphenyl-d14	19.99	244	1752005	75.09	ng	0.00
Target Compounds						
9) Benzaldehyde	7.14	77	123	Below Cal	#	50
19) n-Nitroso-di-n-propylamine	9.16	70	61166	12.156 ng	#	82
50) Dimethylphthalate	14.08	163	123894	7.076 ng	#	96
57) 2,4-Dinitrotoluene	14.63	165	27641	4.830 ng	#	22
69) Atrazine	17.33	200	56	Below Cal	#	35
74) Di-n-butylphthalate	18.34	149	1928	Below Cal	#	76
75) Fluoranthene	19.43	202	10823	Below Cal	#	95
77) Benzidine	19.99	184	31596	Below Cal	#	88

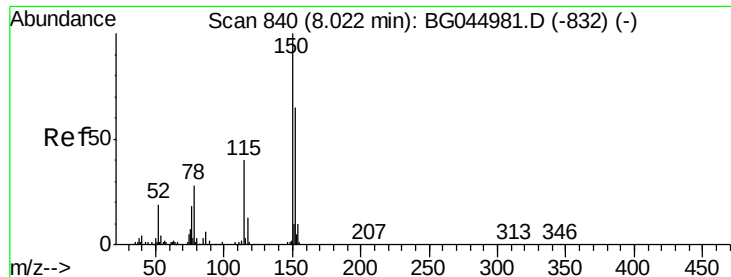
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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Response via : Initial Calibration



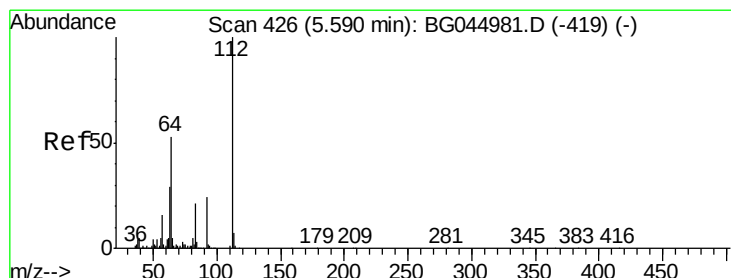
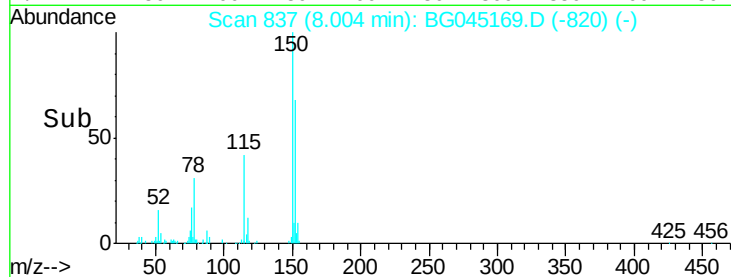
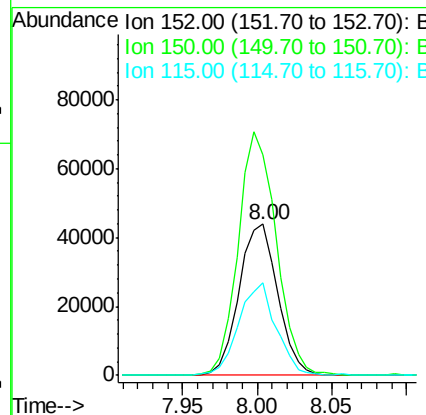
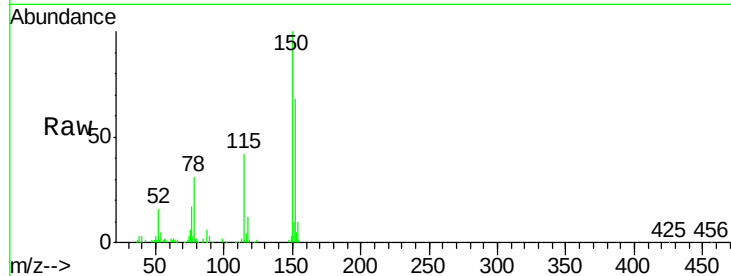


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

Instrument :
BNA_G
ClientSampleId :

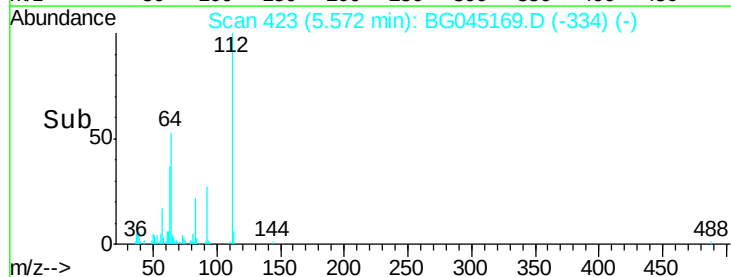
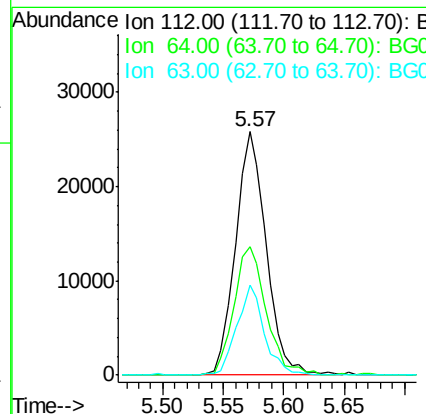
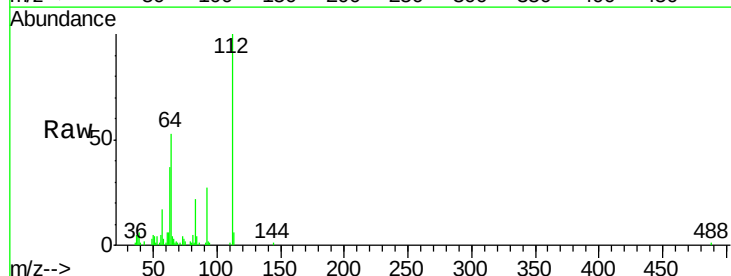
Tot Ion:152 Resp: 79064
Ion Ratio Lower Upper
152 100
150 146.2 123.6 185.4
115 61.0 49.1 73.7

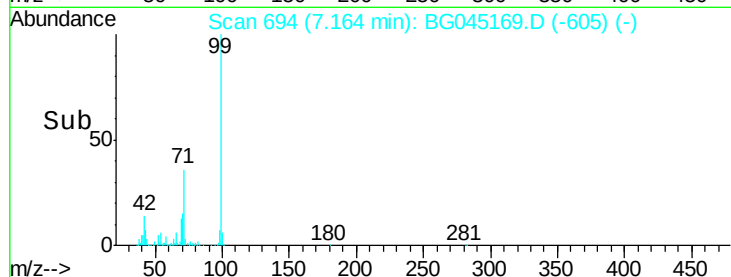
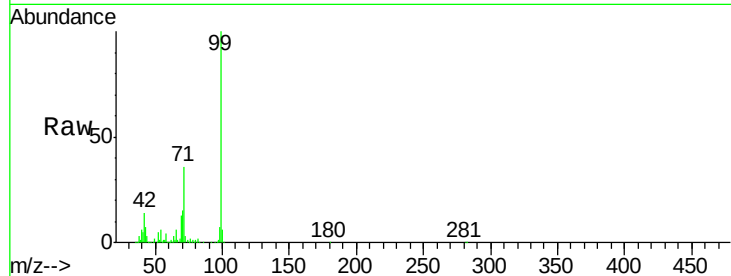
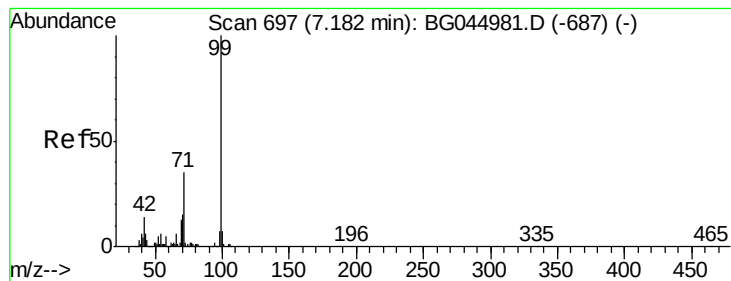


#5

2-Fluorophenol
Concen: 9.531 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

Tgt Ion:112 Resp: 45646
Ion Ratio Lower Upper
112 100
64 52.6 42.4 63.6
63 36.9 23.1 34.7#





#7

Phenol-d6

Concen: 34.870 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

Instrument :

BNA_G

ClientSampleId :

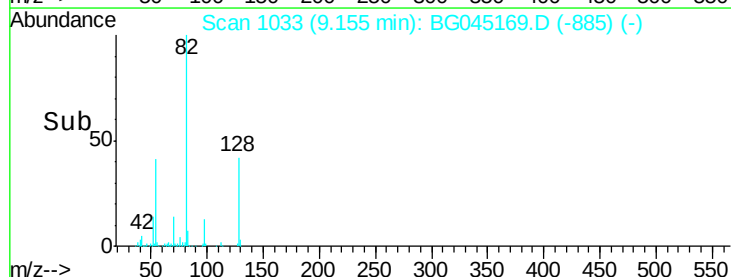
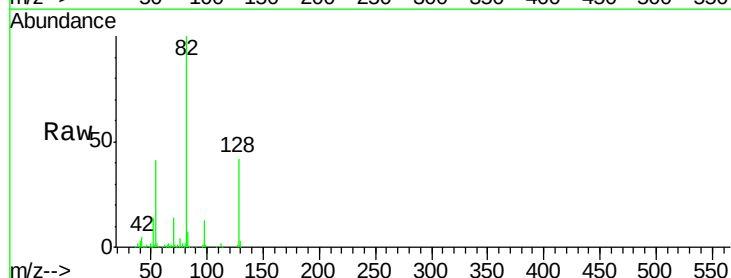
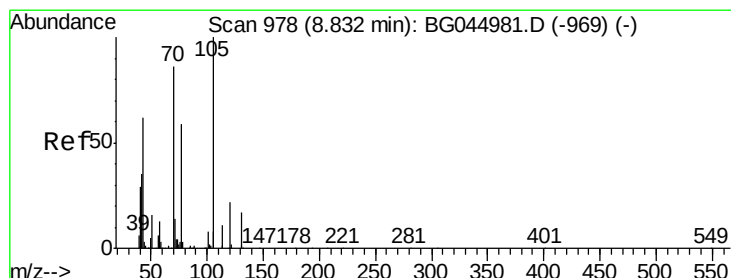
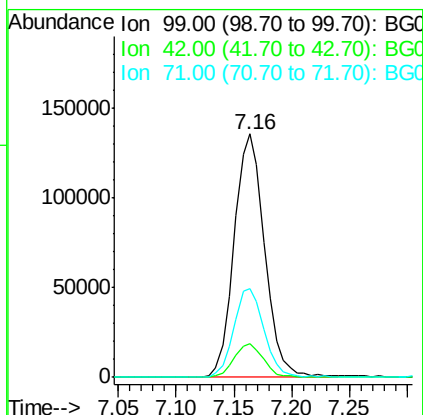
Tot Ion: 99 Resp: 248107

Ion Ratio Lower Upper

99 100

42 13.9 11.3 16.9

71 36.3 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.156 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.34 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

Tgt Ion: 70 Resp: 61166

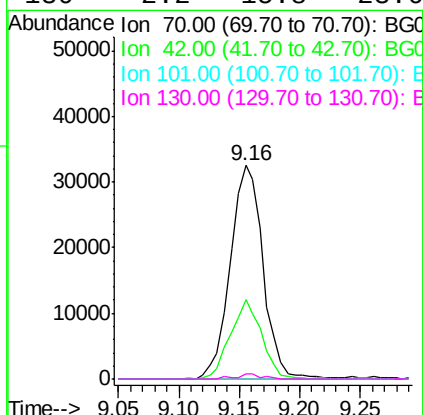
Ion Ratio Lower Upper

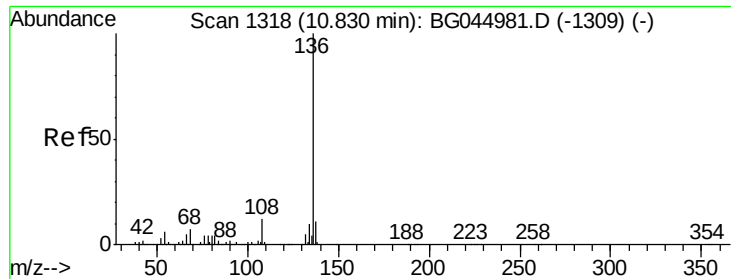
70 100

42 37.2 33.3 49.9

101 0.0 7.8 11.8#

130 2.2 15.8 23.6#

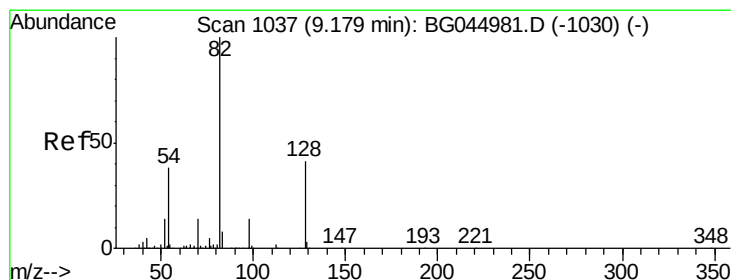
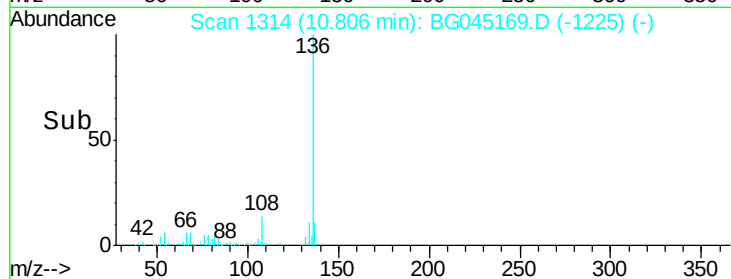
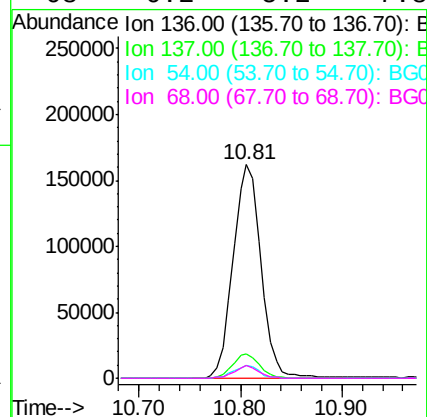
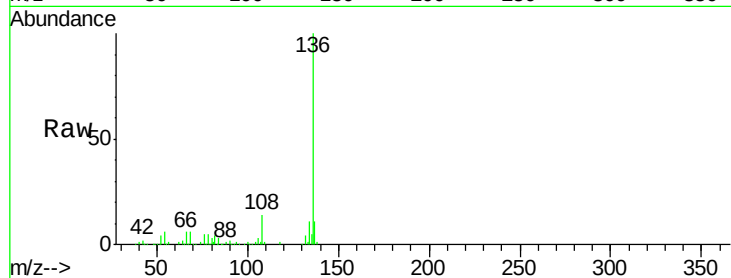




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

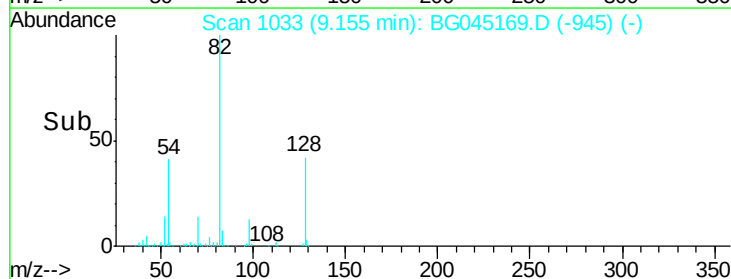
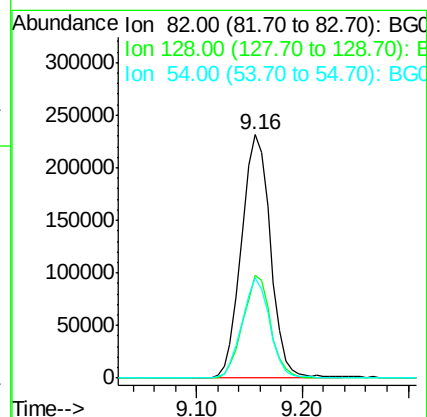
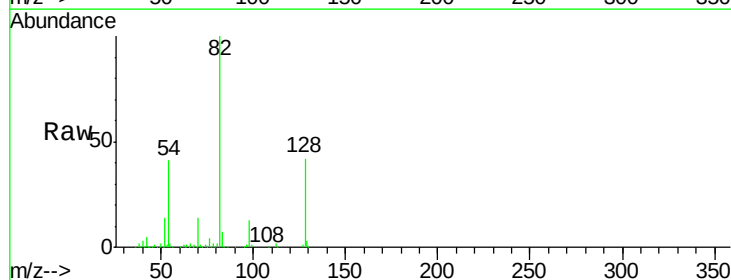
Instrument :
BNA_G
ClientSampled :

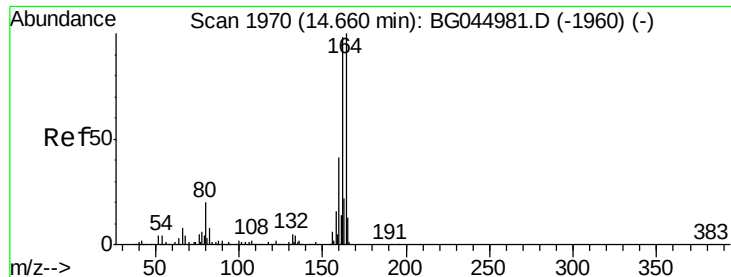
Tot Ion:136	Resp:	309579	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.6	13.0	
54 5.8	4.8	7.2	
68 6.2	5.2	7.8	



#23
Nitrobenzene-d5
Concen: 65.001 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

Tgt	Ion: 82	Resp:	441016
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	41.2	30.4	45.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

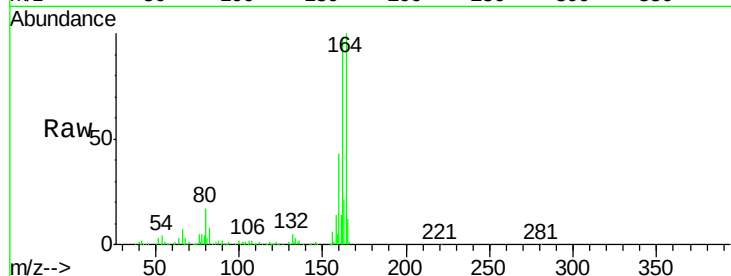
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 215036

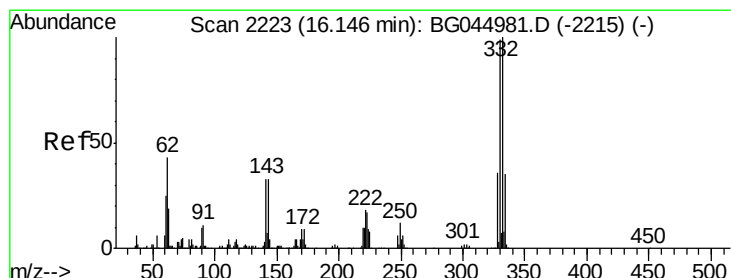
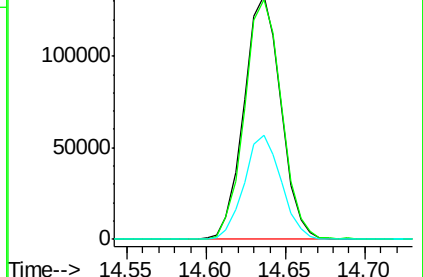
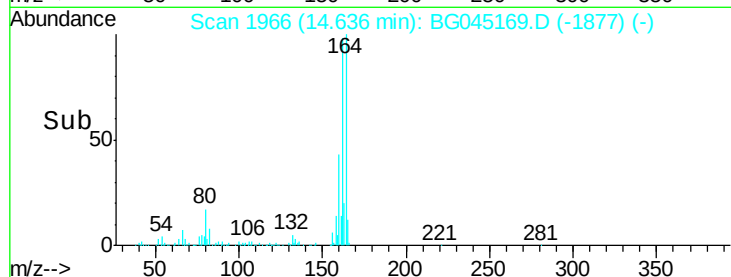
Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.7	118.1
160	42.8	32.8	49.2



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: 2.802 ng

RT: 16.13 min Scan# 2220

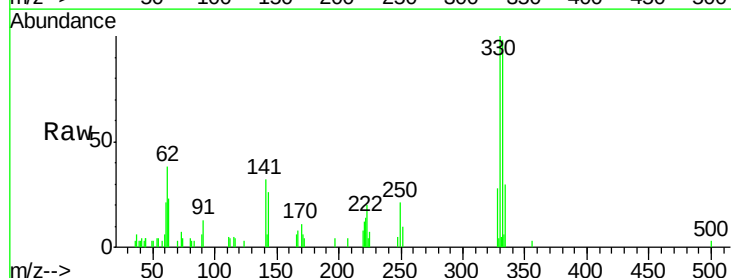
Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

Tgt Ion:330 Resp: 9308

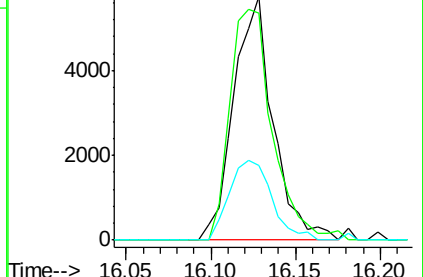
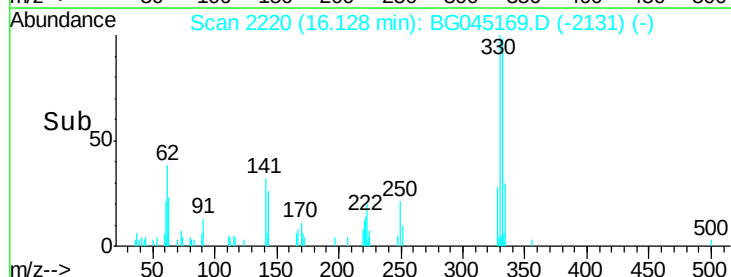
Ion	Ratio	Lower	Upper
330	100		
332	102.8	79.1	118.7
141	35.4	27.1	40.7

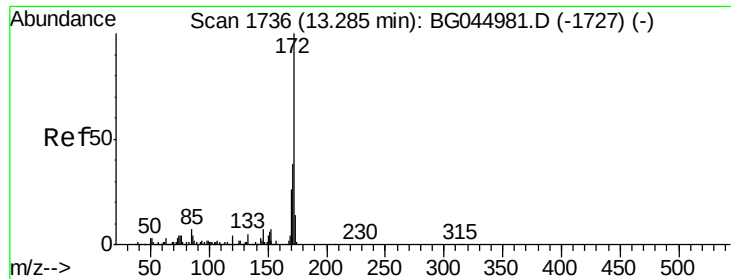


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

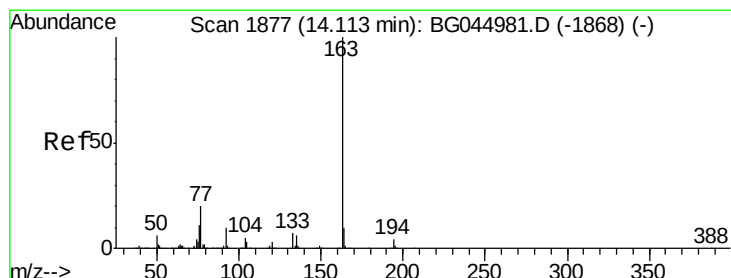
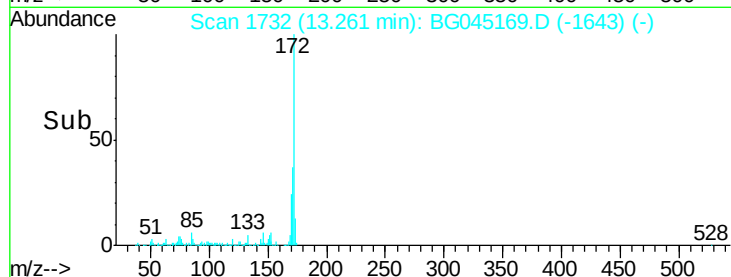
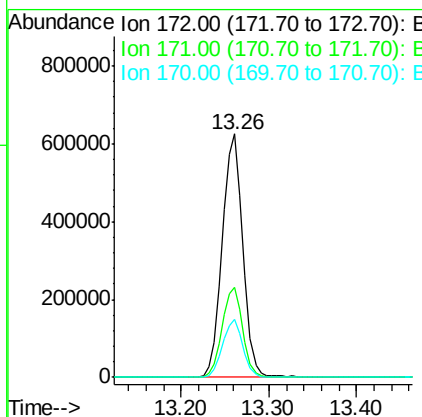
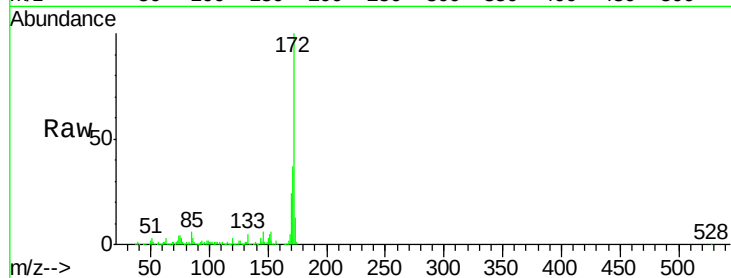




#45
2-Fluorobiphenyl
Concen: 69.631 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

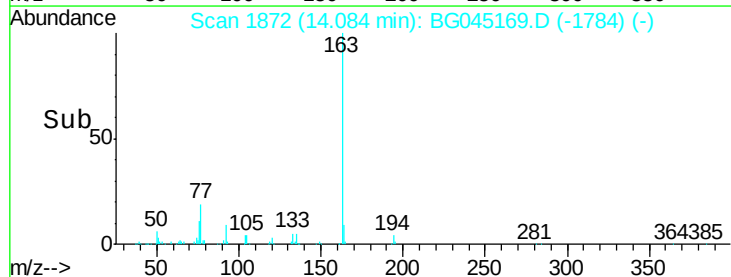
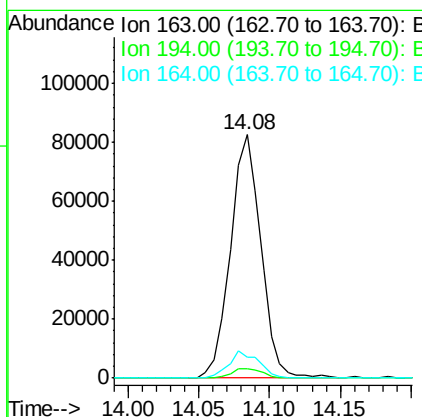
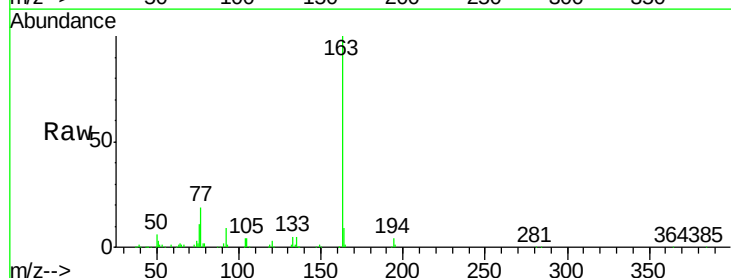
Instrument :
BNA_G
ClientSampleId :

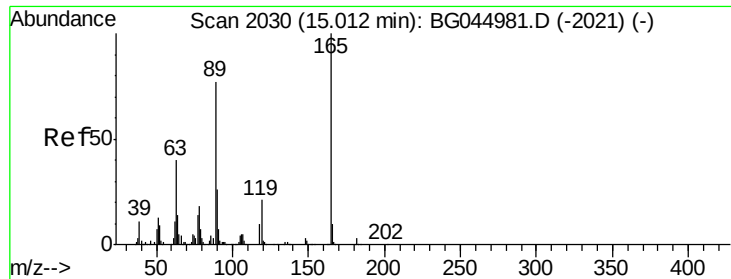
Tot Ion:172 Resp: 1021142
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 24.1 20.5 30.7



#50
Dimethylphthalate
Concen: 7.076 ng
RT: 14.08 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

Tgt Ion:163 Resp: 123894
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 8.8 8.2 12.4

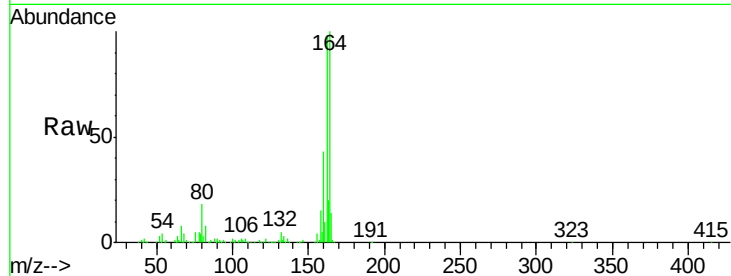




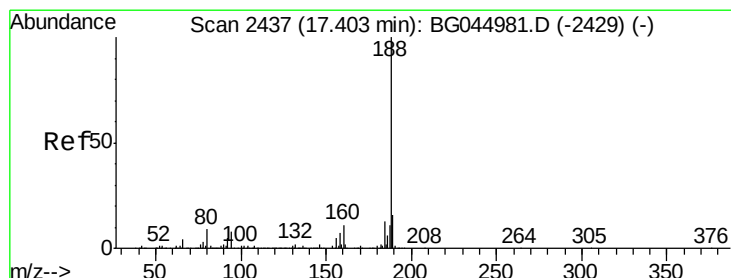
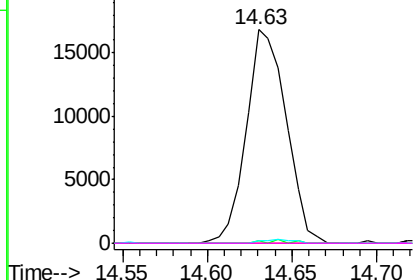
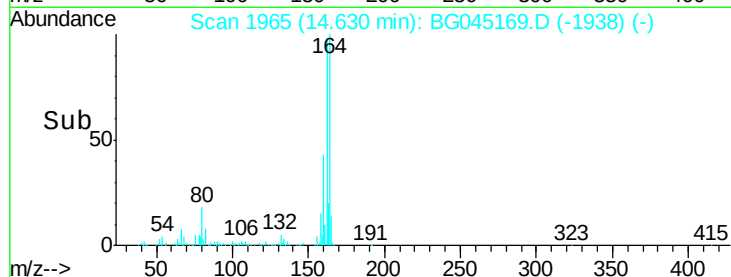
#57
 2,4-Dinitrotoluene
 Concen: 4.830 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG045169.D
 Acq: 24 Apr 2020 20:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 27641
 Ion Ratio Lower Upper
 165 100
 63 1.4 32.2 48.2#
 89 1.4 61.7 92.5#
 182 0.0 2.0 3.0#

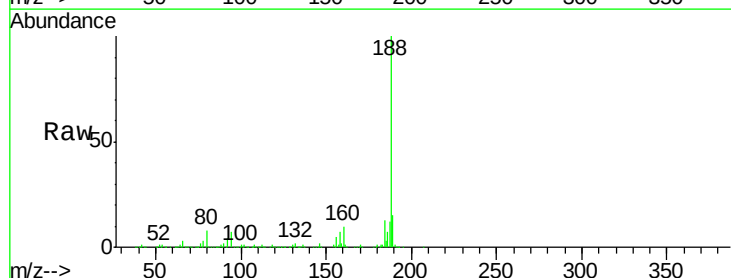


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

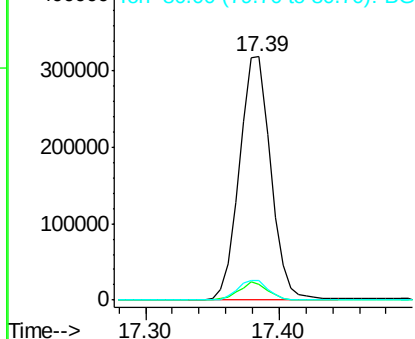
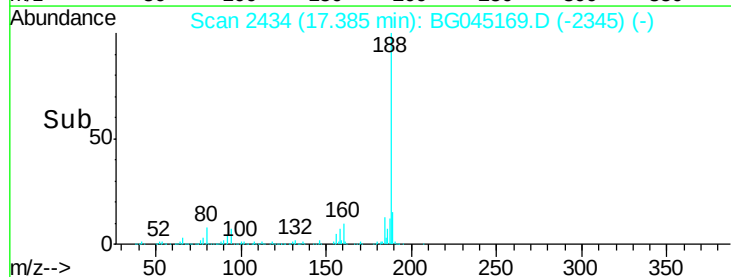


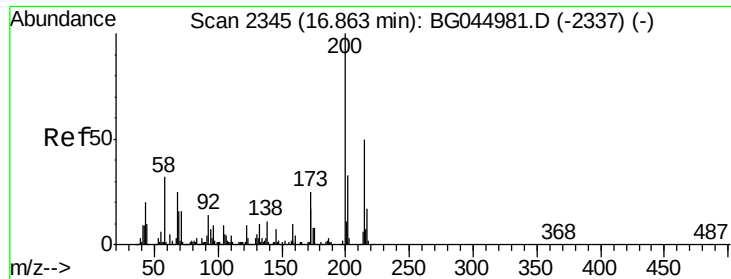
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG045169.D
 Acq: 24 Apr 2020 20:23

Tgt Ion:188 Resp: 518884
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.2 9.4
 80 7.9 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

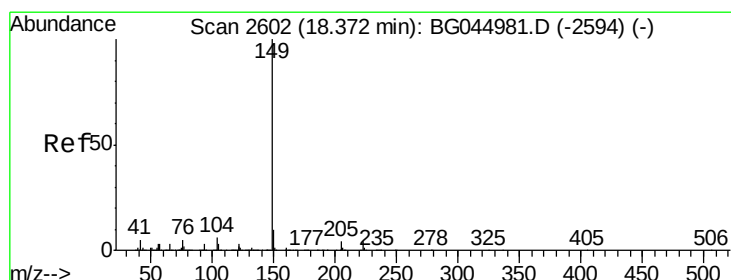
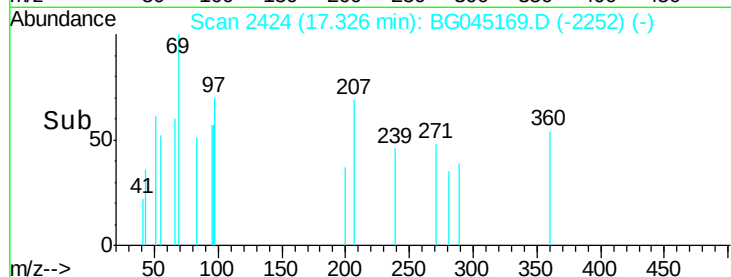
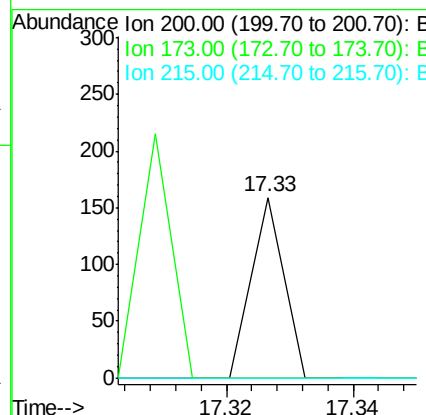
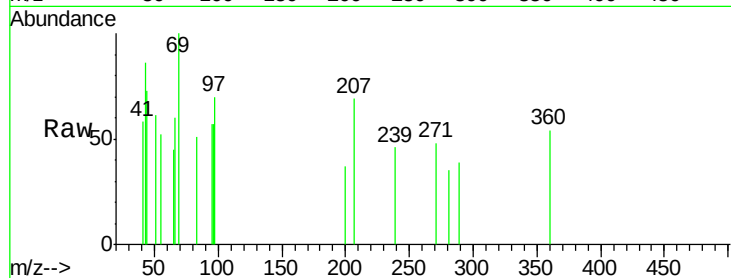




#69
Atrazine
Concen: Below Cal
RT: 17.33 min Scan# 2424
Delta R.T. 0.48 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

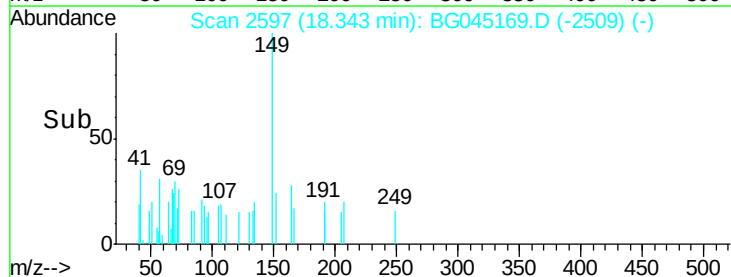
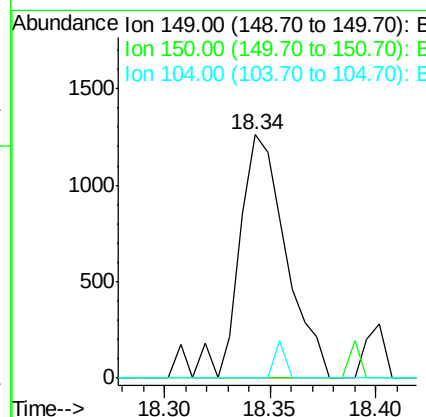
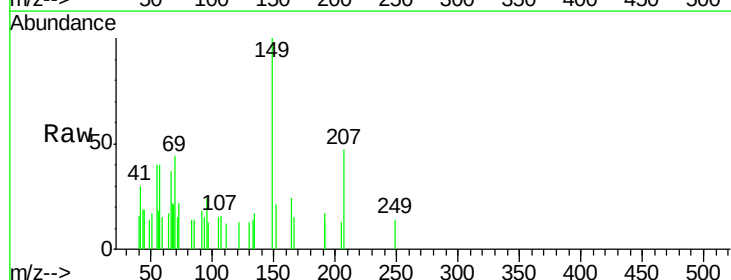
Instrument :
BNA_G
ClientSampleId :

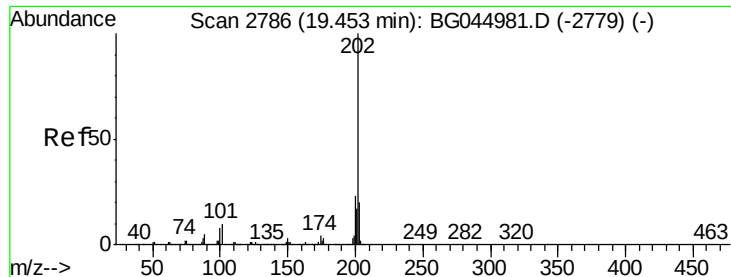
Tot Ion:200 Resp: 56
Ion Ratio Lower Upper
200 100
173 0.0 4.5 44.5#
215 0.0 30.0 70.0#



#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2597
Delta R.T. -0.01 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

Tgt Ion:149 Resp: 1928
Ion Ratio Lower Upper
149 100
150 0.0 8.2 12.2#
104 0.0 4.8 7.2#





#75

Fluoranthene

Concen: Below Cal

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG045169.D

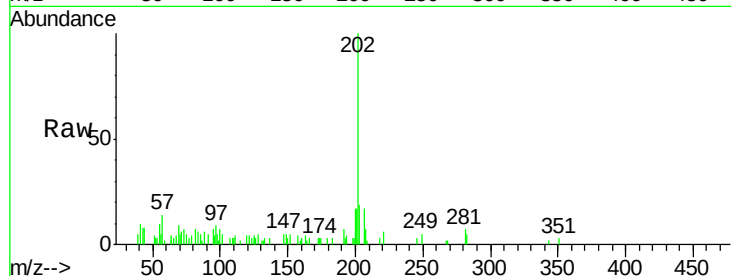
Acq: 24 Apr 2020 20:23

Instrument :

BNA_G

ClientSampleId :

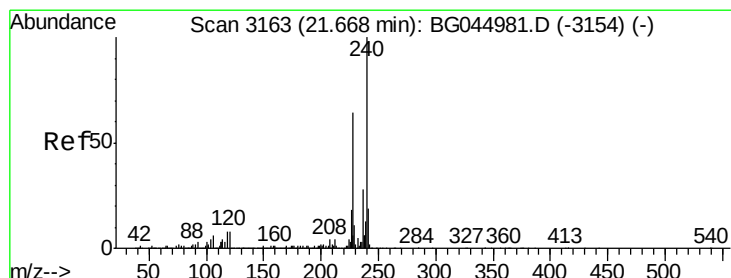
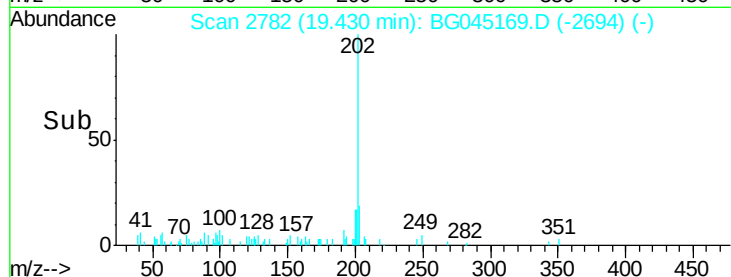
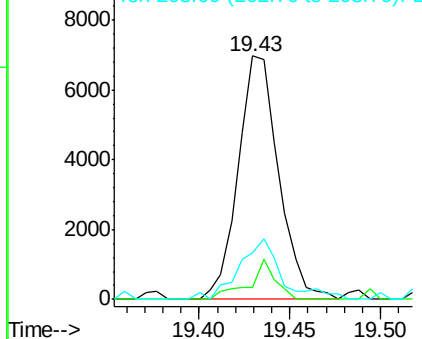
Tot Ion:	202	Resp:	10823
Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	29.6
203	19.0	0.0	39.7



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



#76

Chrysene-d12

Concen: 20.000 ng

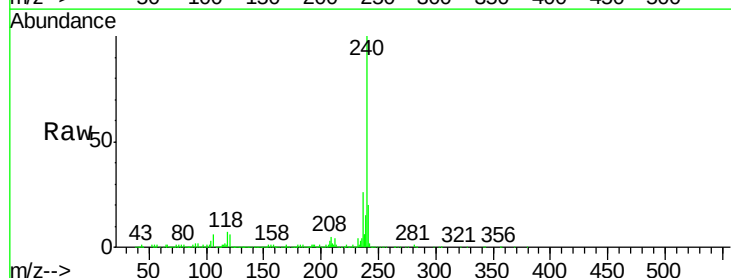
RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

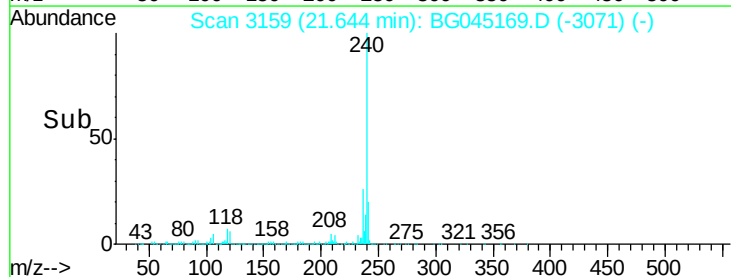
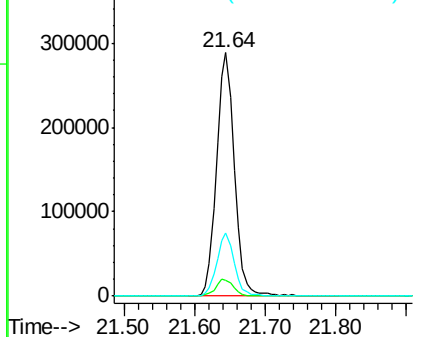
Tgt Ion:	240	Resp:	508538
Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.6	10.0#
236	26.2	22.2	33.2

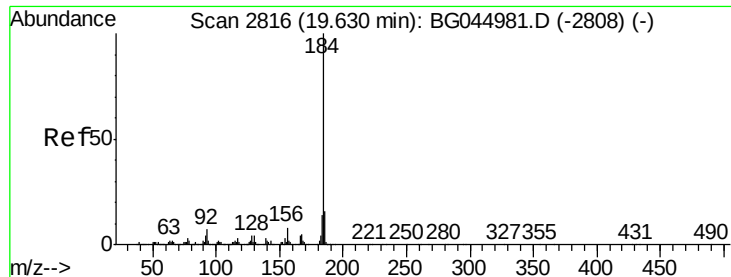


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.99 min Scan# 2878

Delta R.T. 0.38 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

Instrument :

BNA_G

ClientSampleId :

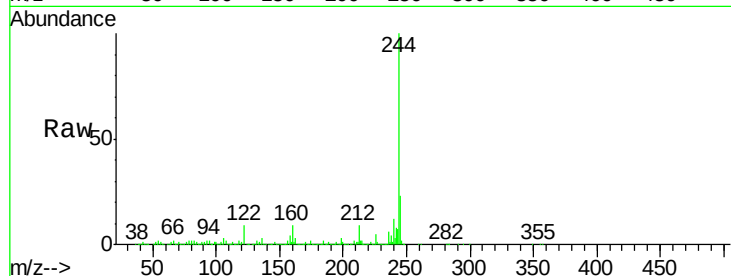
Tot Ion:184 Resp: 31596

Ion Ratio Lower Upper

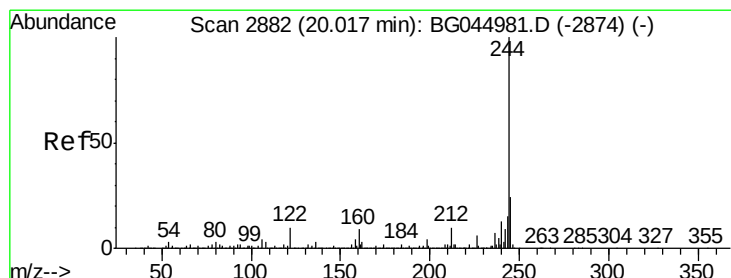
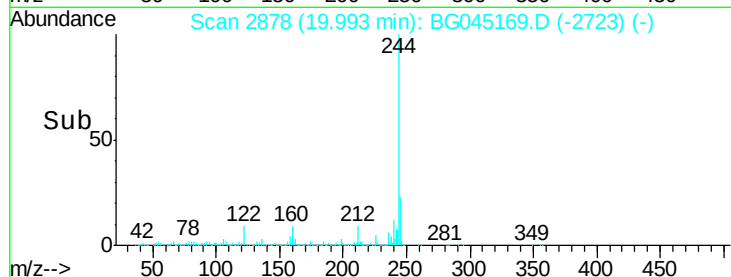
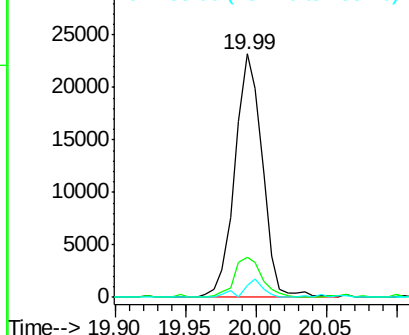
184 100

185 16.7 12.6 19.0

183 4.8 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: 75.090 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

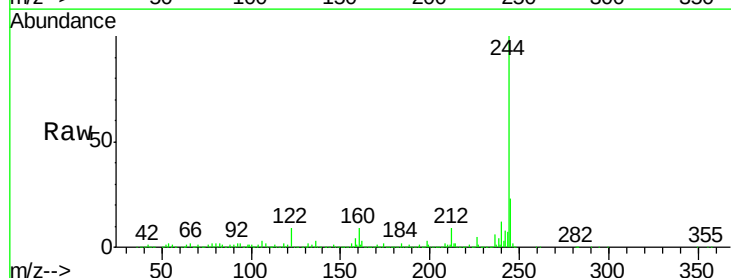
Tgt Ion:244 Resp: 1752005

Ion Ratio Lower Upper

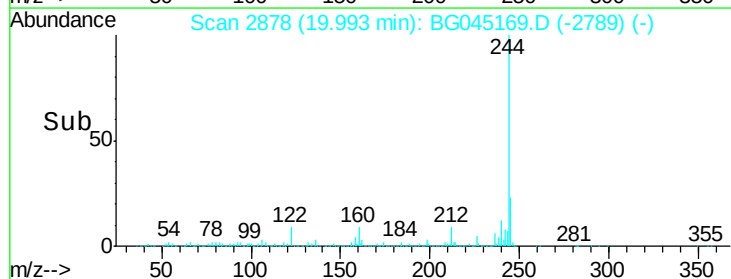
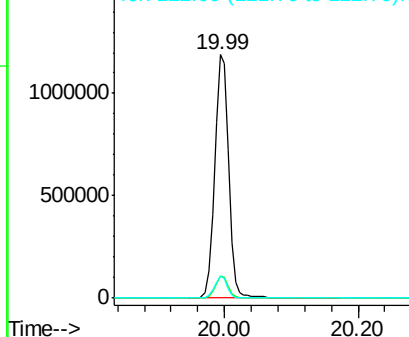
244 100

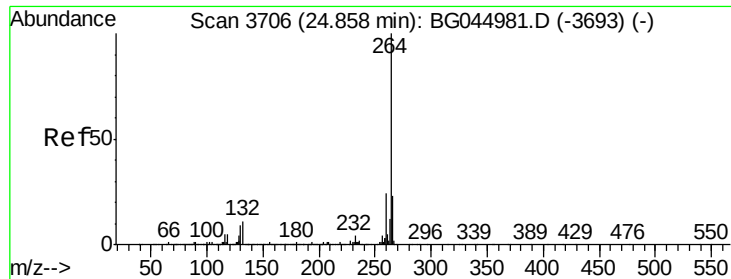
212 9.3 7.9 11.9

122 9.0 7.7 11.5



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
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.02 min
Lab File: BG045169.D
Acq: 24 Apr 2020 20:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	19.0	28.4

