

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042220\
 Data File : BG045130.D
 Acq On : 22 Apr 2020 17:28
 Operator : CG/JU
 Sample : L2332-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Apr 22 18:05:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

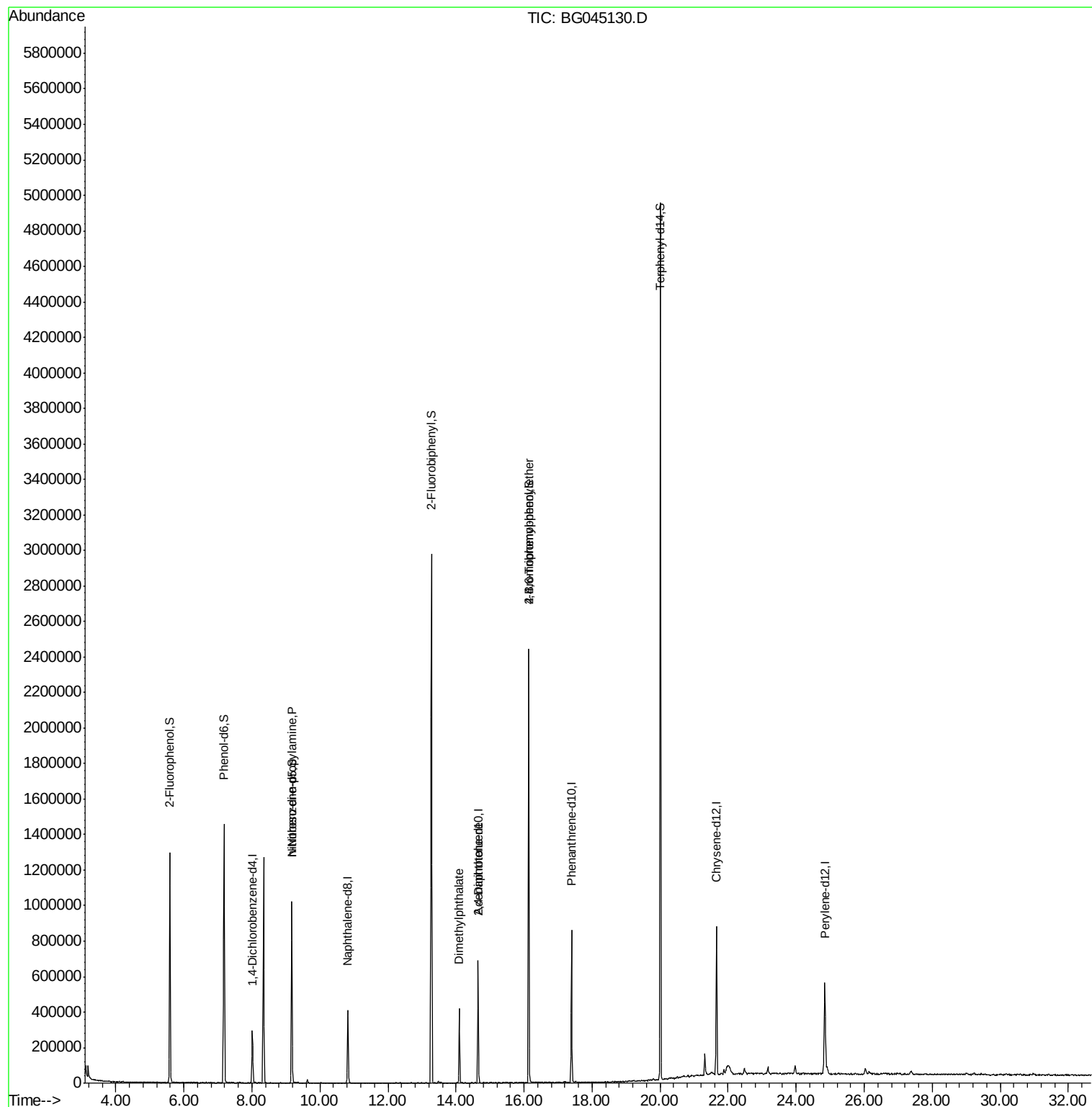
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	86770	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	361692	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	252878	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	541507	20.00	ng	0.00
76) Chrysene-d12	21.66	240	518213	20.00	ng	0.00
87) Perylene-d12	24.84	264	564270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	622267	118.40	ng	0.00
7) Phenol-d6	7.18	99	947231	121.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	700782	88.41	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	490058	125.44	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1604135	93.02	ng	0.00
79) Terphenyl-d14	20.01	244	2318933	97.53	ng	0.00
Target Compounds						
9) Benzaldehyde	7.19	77	1957	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.18	70	95471	17.288 ng	#	79
50) Dimethylphthalate	14.10	163	274344	13.324 ng	#	99
57) 2,4-Dinitrotoluene	14.65	165	32247	4.791 ng	#	22
67) 4-Bromophenyl-phenylether	16.14	248	34807	4.982 ng	#	1
69) Atrazine	16.61	200	54	Below Cal	#	35
74) Di-n-butylphthalate	18.36	149	858	Below Cal	#	76
75) Fluoranthene	19.50	202	129	Below Cal	#	62
77) Benizidine	20.01	184	46665	Below Cal	#	91

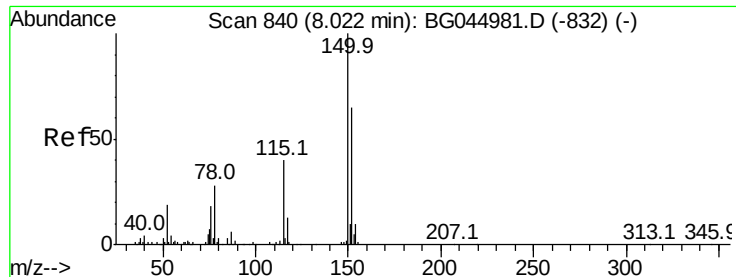
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042220\
Data File : BG045130.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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BNA_G
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TP-8

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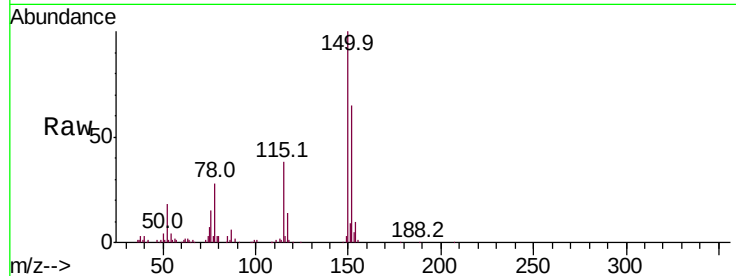


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Instrument :
BNA_G
ClientSampled :
TP-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.6	185.4
115	58.3	49.1	73.7

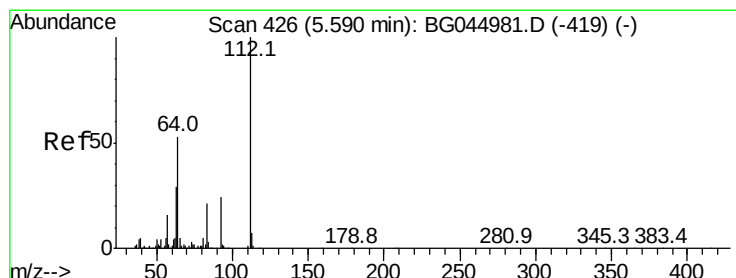
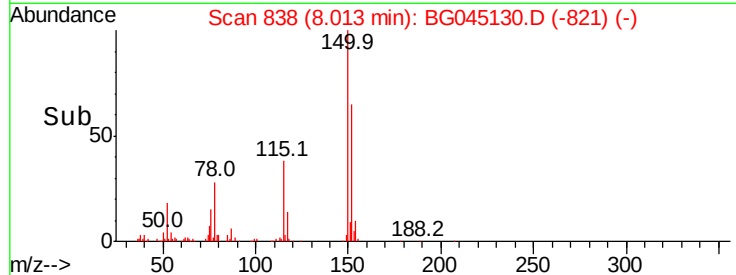
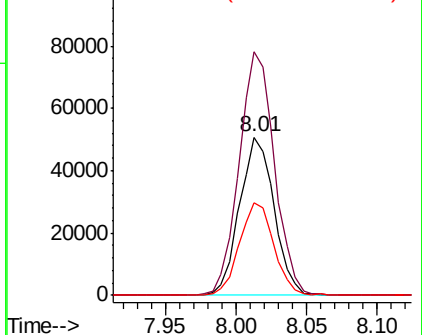


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

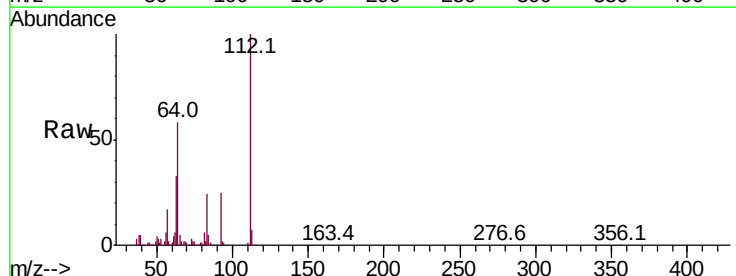
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.397 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	42.4	63.6
63	33.1	23.1	34.7

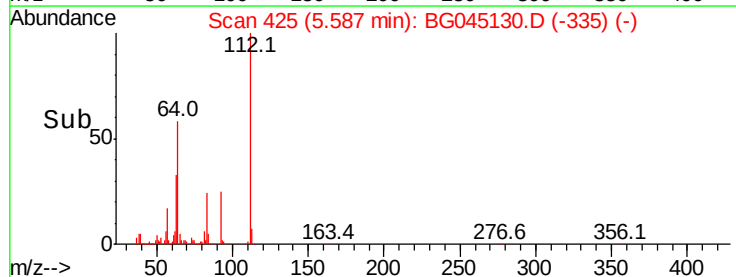
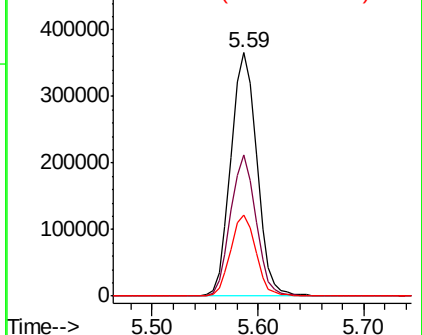


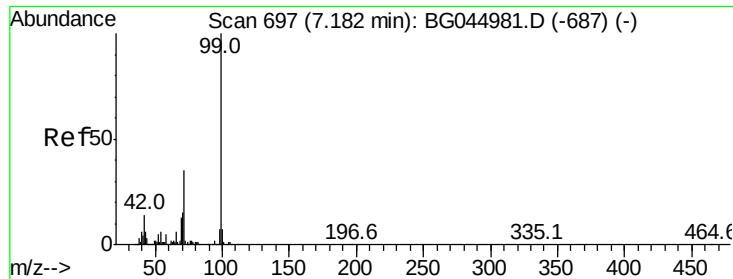
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.304 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

Instrument :

BNA_G

ClientSampleId :

TP-8

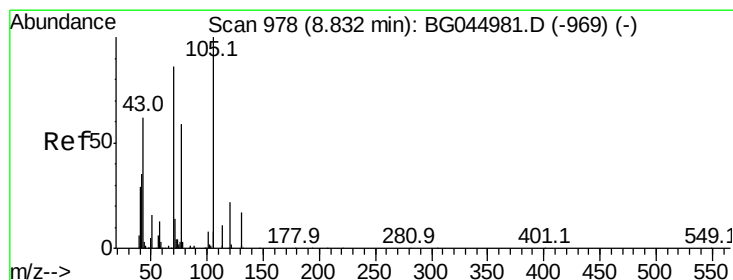
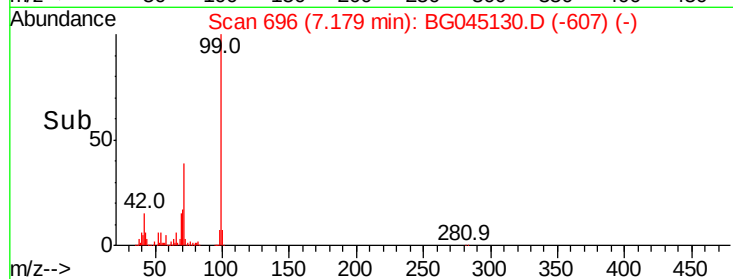
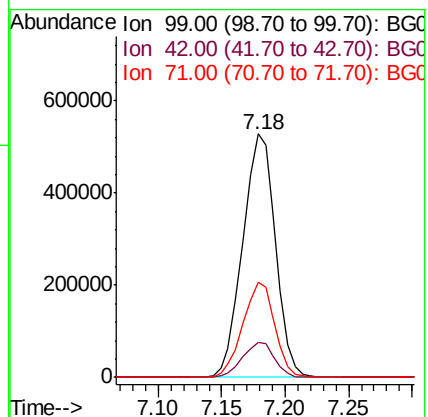
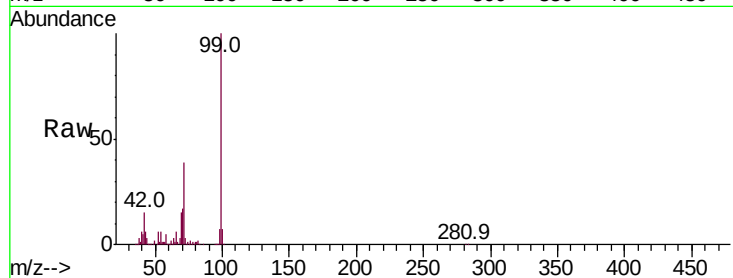
Tot Ion: 99 Resp: 947231

Ion Ratio Lower Upper

99 100

42 14.5 11.3 16.9

71 39.3 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.288 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.35 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

Tgt Ion: 70 Resp: 95471

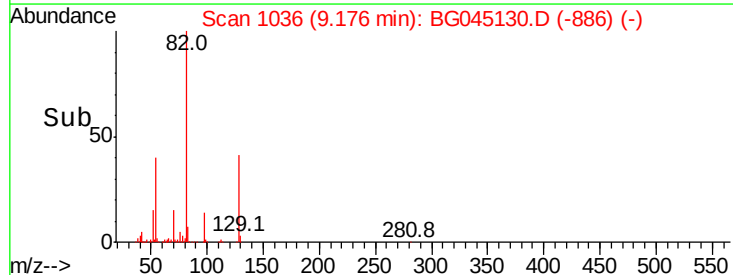
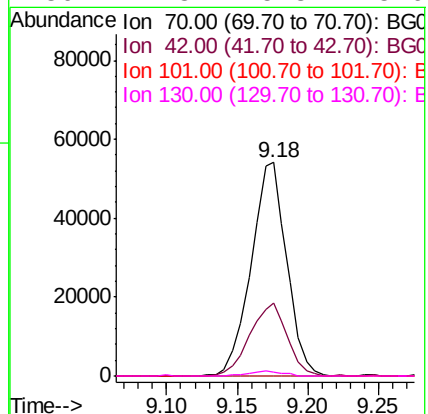
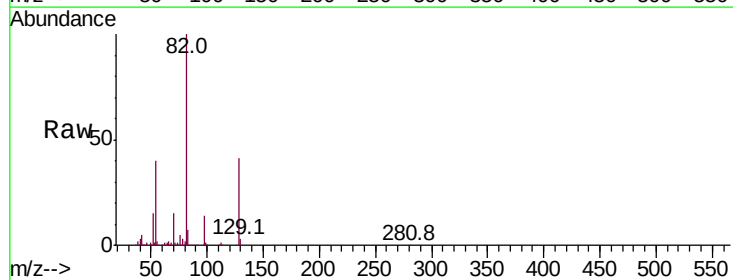
Ion Ratio Lower Upper

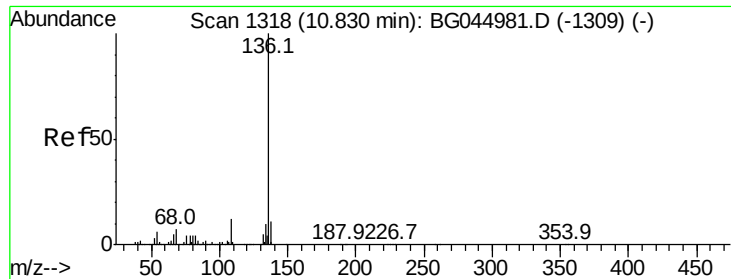
70 100

42 34.3 33.3 49.9

101 0.0 7.8 11.8#

130 1.8 15.8 23.6#

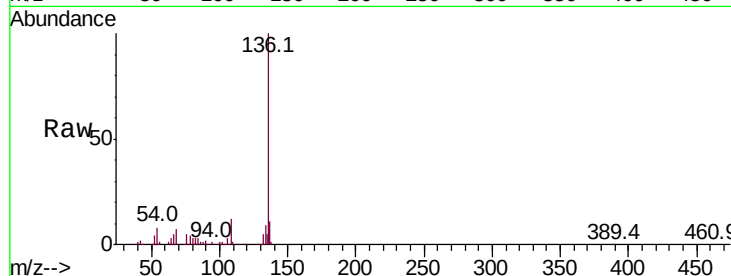




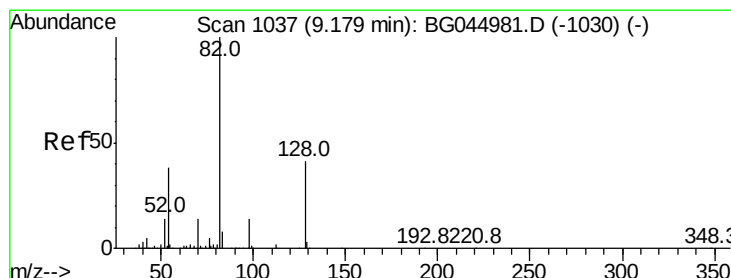
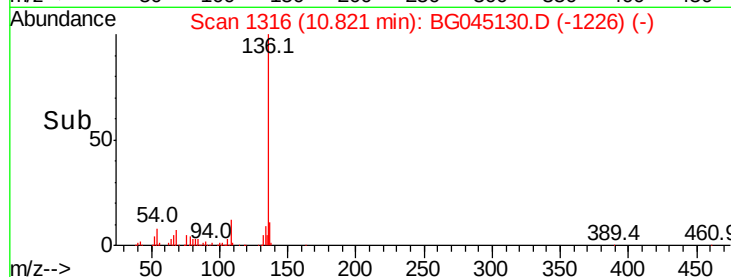
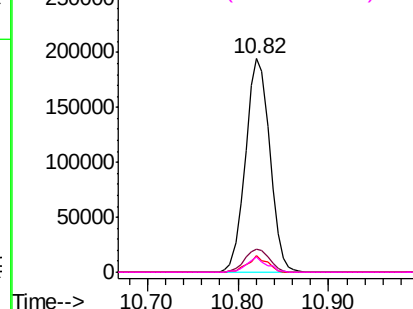
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Instrument :
BNA_G
ClientSampleId :
TP-8

Tot Ion:136	Resp:	361692
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	7.5	4.8 7.2#
68	7.2	5.2 7.8

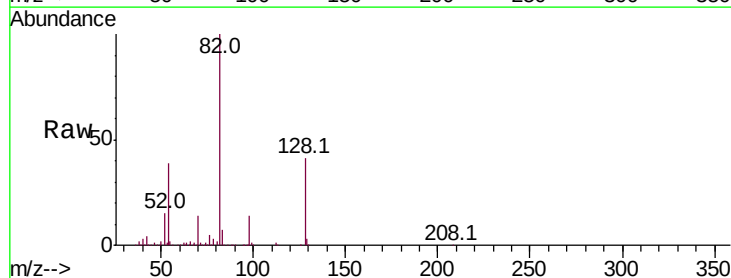


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

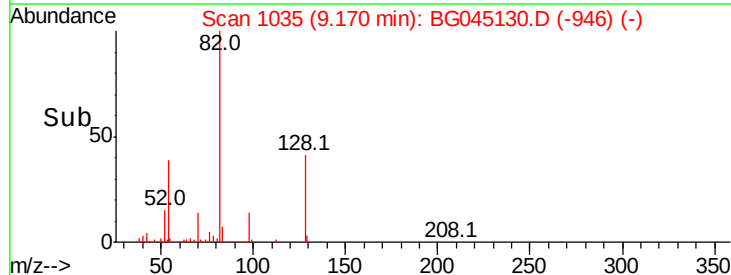
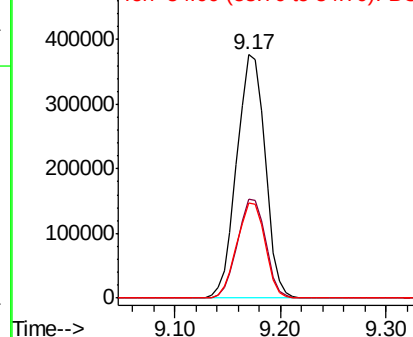


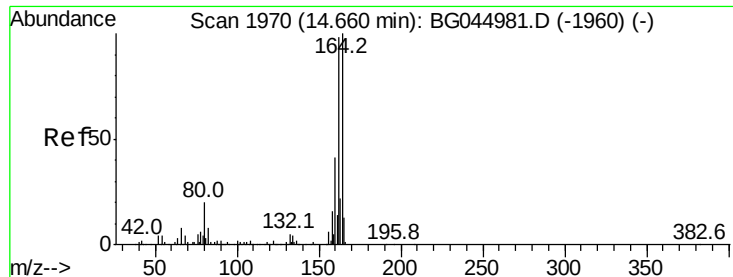
#23
Nitrobenzene-d5
Concen: 88.406 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Tgt Ion: 82	Resp:	700782
Ion Ratio	Lower	Upper
82	100	
128	40.9	33.0 49.4
54	39.1	30.4 45.6



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

Instrument :

BNA_G

ClientSampleId :

TP-8

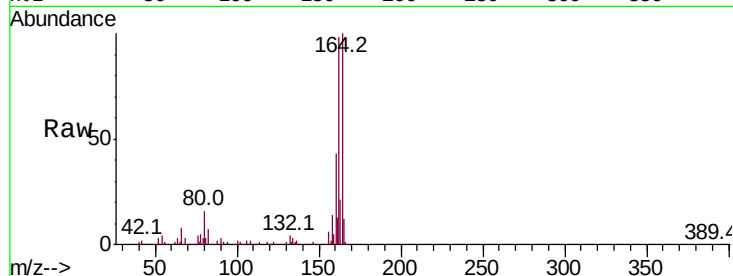
Tot Ion:164 Resp: 252878

Ion Ratio Lower Upper

164 100

162 98.0 78.7 118.1

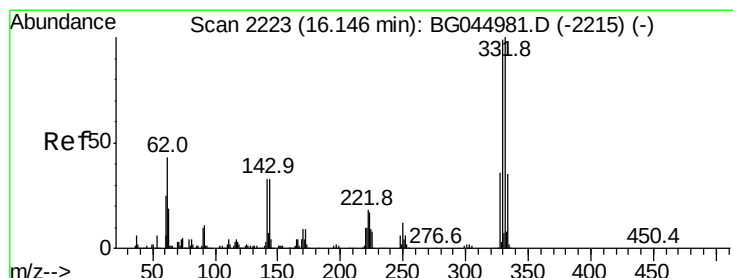
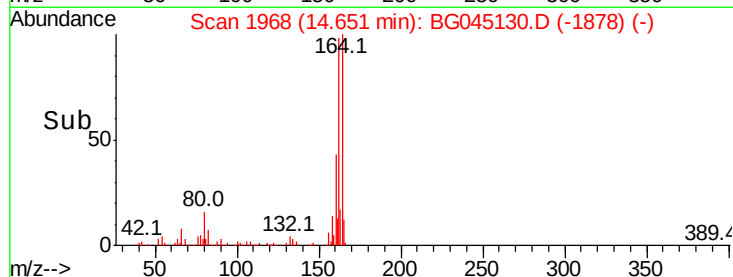
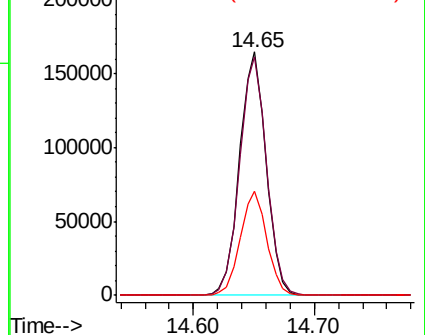
160 42.7 32.8 49.2



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: 125.443 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

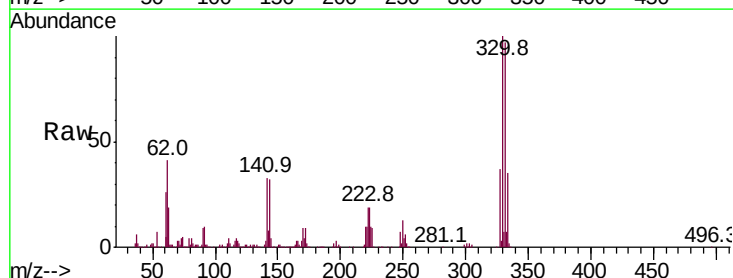
Tgt Ion:330 Resp: 490058

Ion Ratio Lower Upper

330 100

332 99.4 79.1 118.7

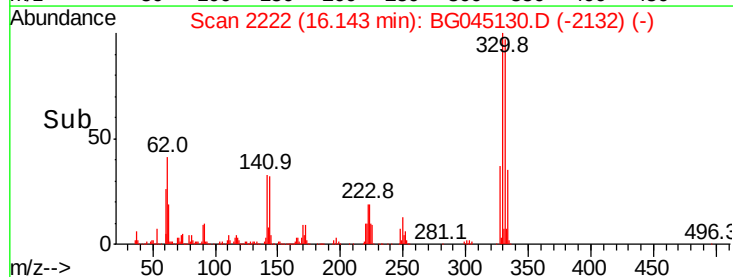
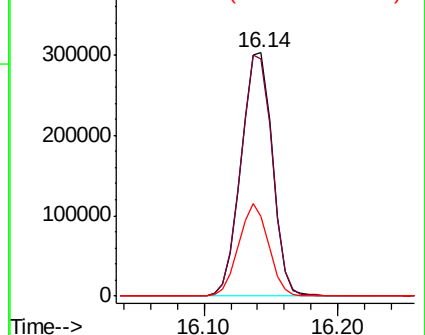
141 36.2 27.1 40.7

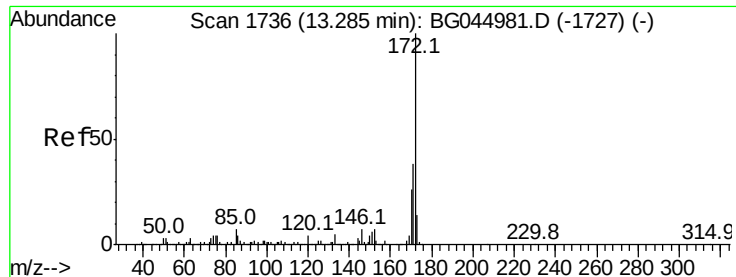


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

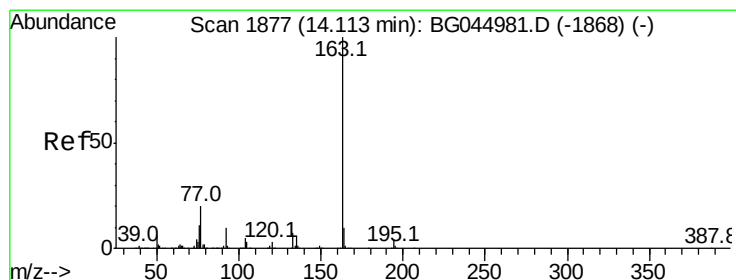
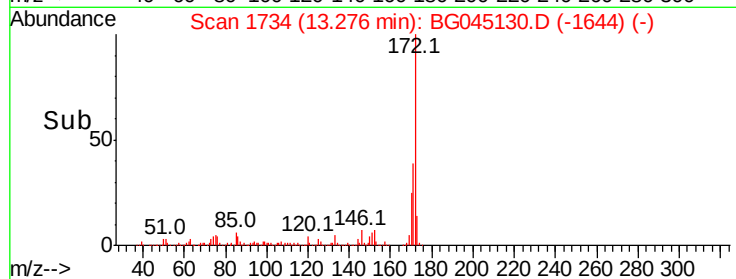
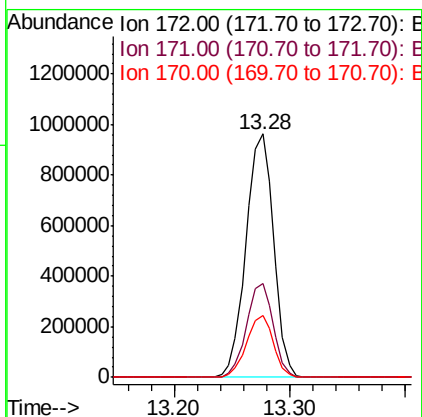
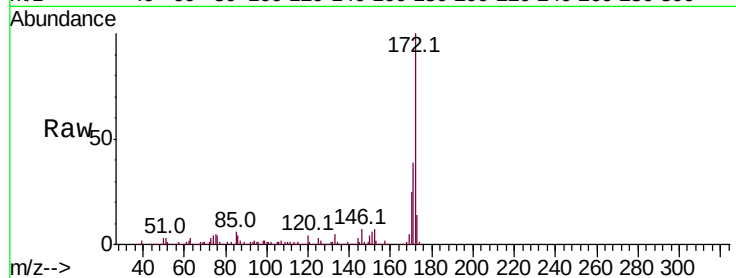




#45
2-Fluorobiphenyl
Concen: 93.016 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

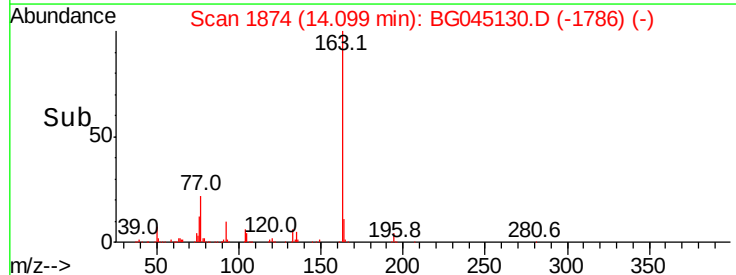
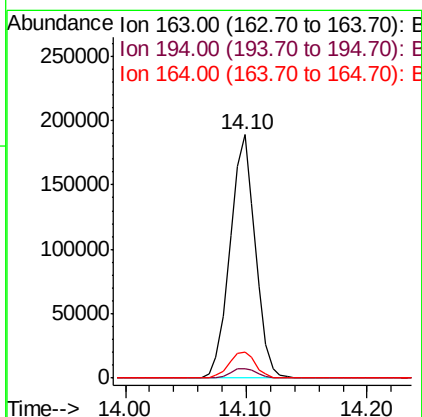
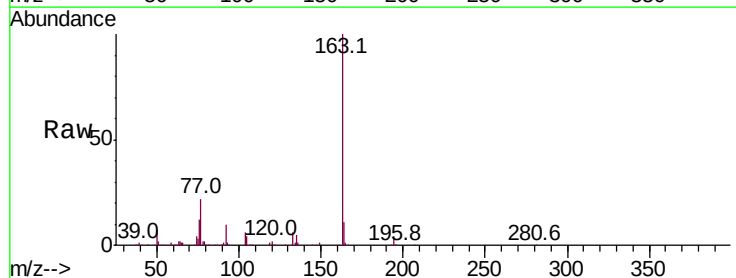
Instrument :
BNA_G
ClientSampleId :
TP-8

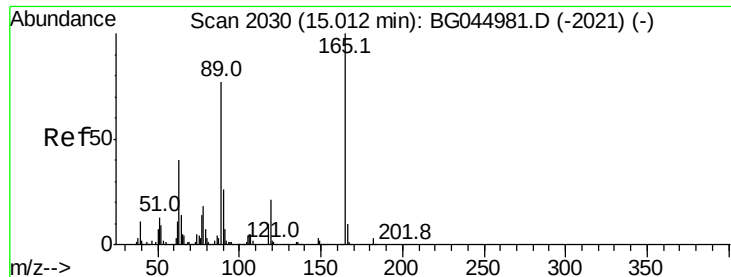
Tot Ion:172 Resp: 1604135
Ion Ratio Lower Upper
172 100
171 38.7 30.6 46.0
170 25.3 20.5 30.7



#50
Dimethylphthalate
Concen: 13.324 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Tgt Ion:163 Resp: 274344
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 10.5 8.2 12.4

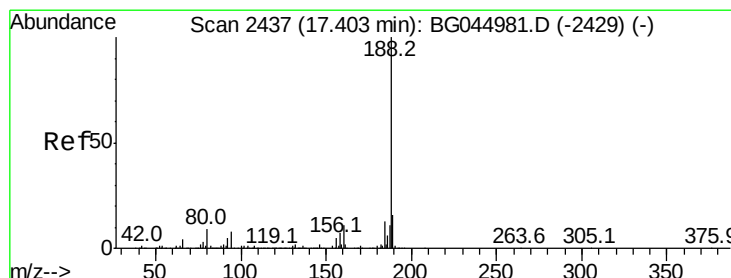
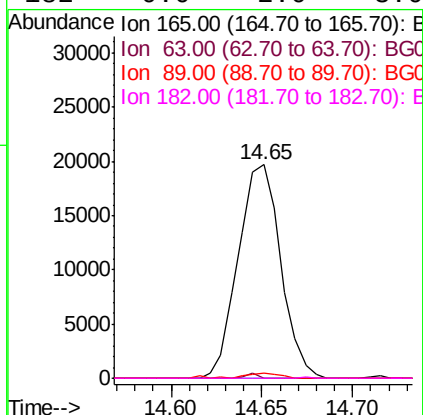
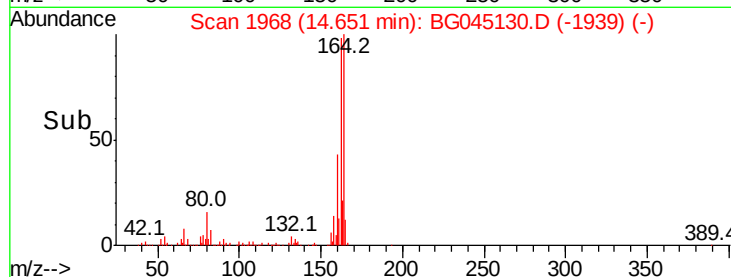
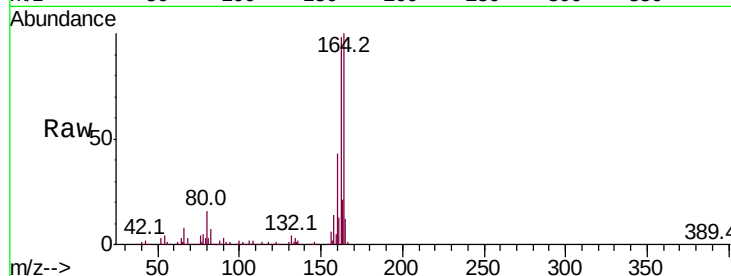




#57
 2,4-Dinitrotoluene
 Concen: 4.791 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG045130.D
 Acq: 22 Apr 2020 17:28

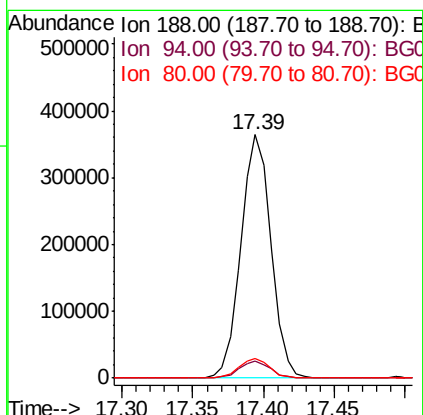
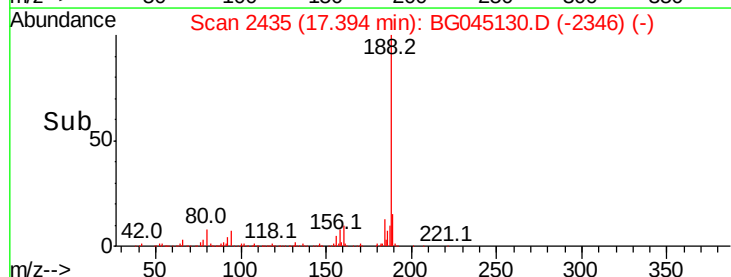
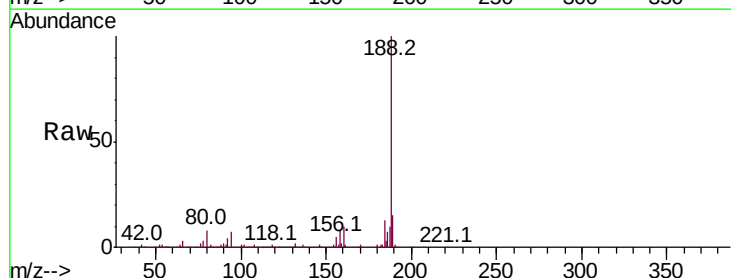
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 ClientSampleId :
 TP-8

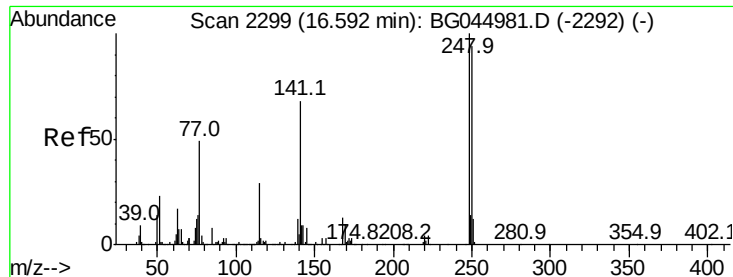
Tot Ion:165 Resp: 32247
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.2 48.2#
 89 2.4 61.7 92.5#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG045130.D
 Acq: 22 Apr 2020 17:28

Tgt Ion:188 Resp: 541507
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.2 9.4
 80 8.0 7.0 10.6

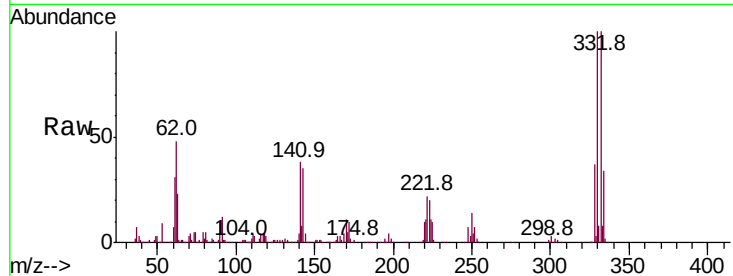




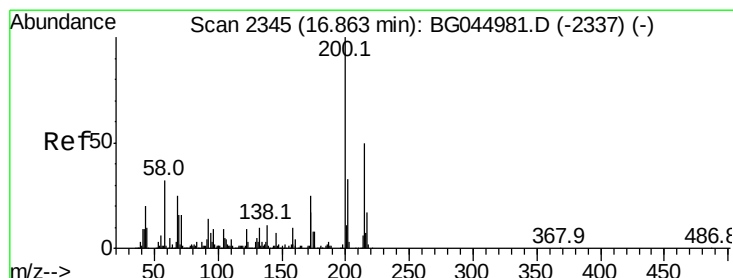
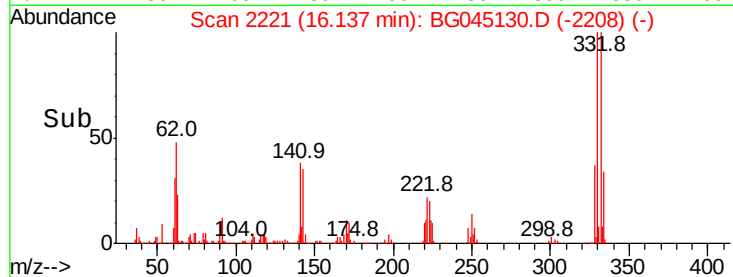
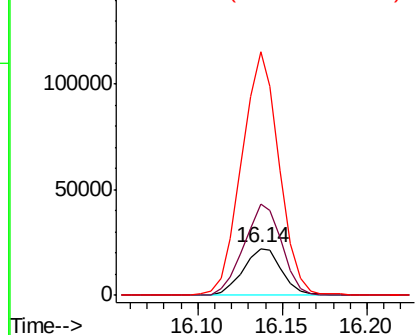
#67
4-Bromophenyl-phenylether
Concen: 4.982 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Instrument :
BNA_G
ClientSampleId :
TP-8

Tot Ion:248 Resp: 34807
Ion Ratio Lower Upper
248 100
250 197.0 75.4 113.2#
141 522.6 54.4 81.6#

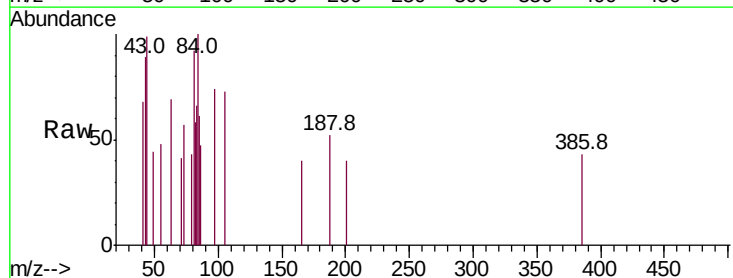


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

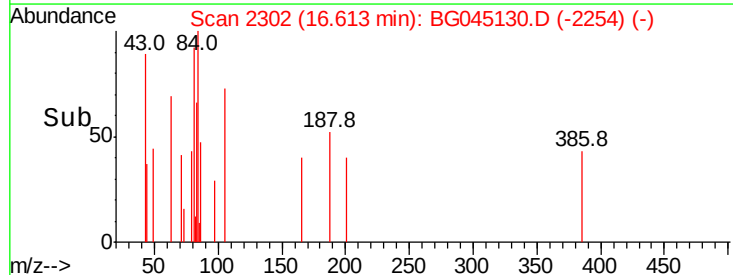
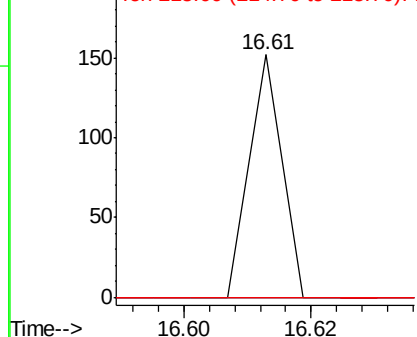


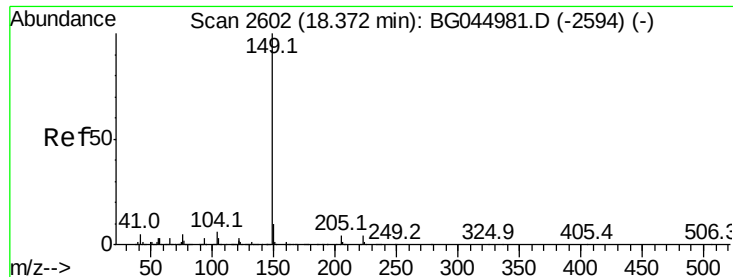
#69
Atrazine
Concen: Below Cal
RT: 16.61 min Scan# 2302
Delta R.T. -0.25 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Tgt Ion:200 Resp: 54
Ion Ratio Lower Upper
200 100
173 0.0 4.5 44.5#
215 0.0 30.0 70.0#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.36 min Scan# 2600

Delta R.T. -0.00 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

Instrument :

BNA_G

ClientSampleId :

TP-8

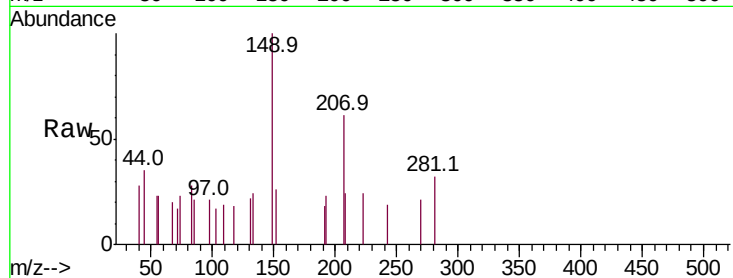
Tot Ion:149 Resp: 858

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

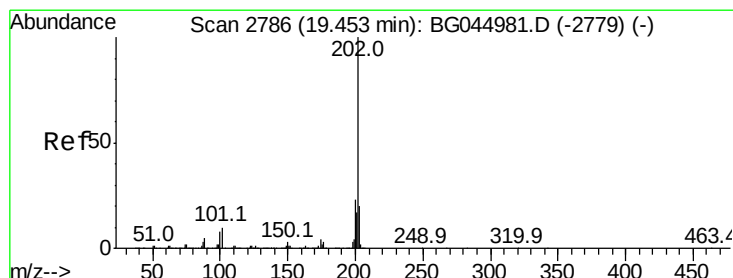
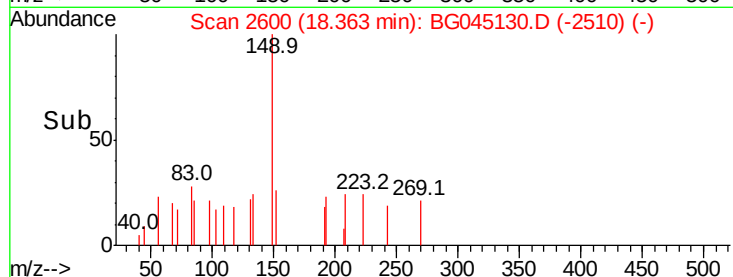
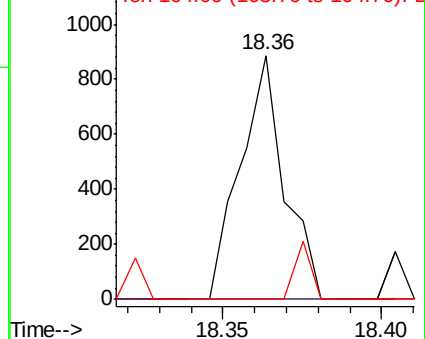
104 0.0 4.8 7.2#



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



#75

Fluoranthene

Concen: Below Cal

RT: 19.50 min Scan# 2794

Delta R.T. 0.05 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

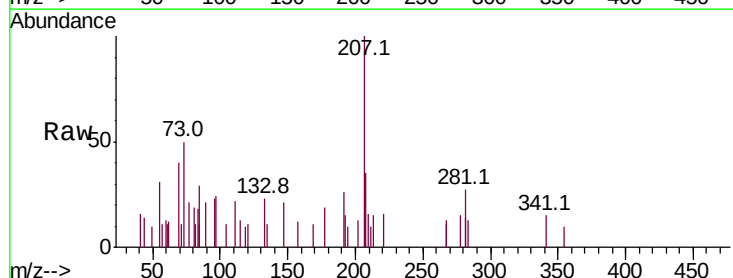
Tgt Ion:202 Resp: 129

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

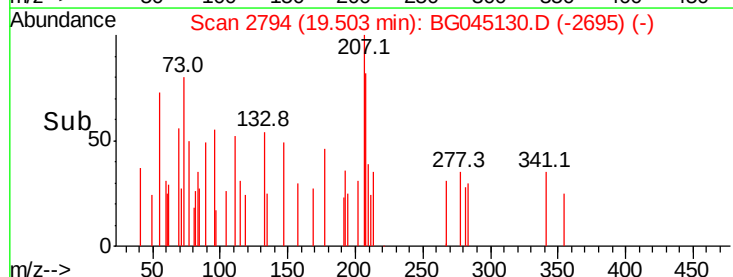
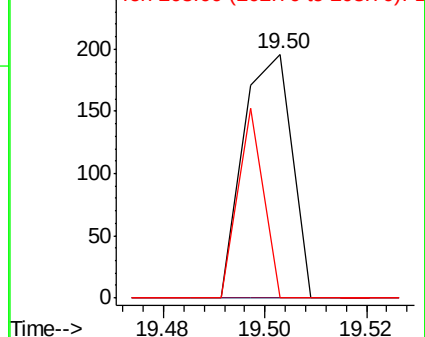
203 0.0 0.0 39.7

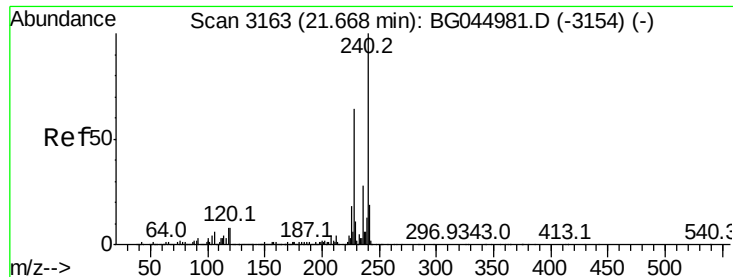


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

Instrument :

BNA_G

ClientSampleId :

TP-8

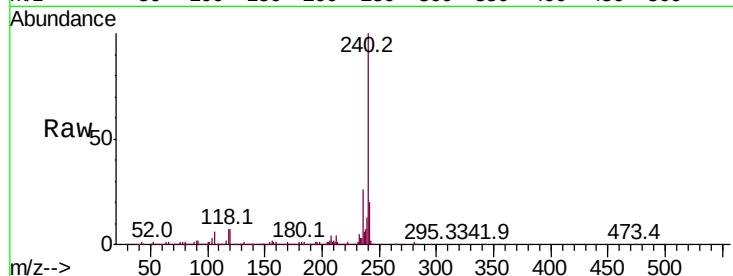
Tot Ion:240 Resp: 518213

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

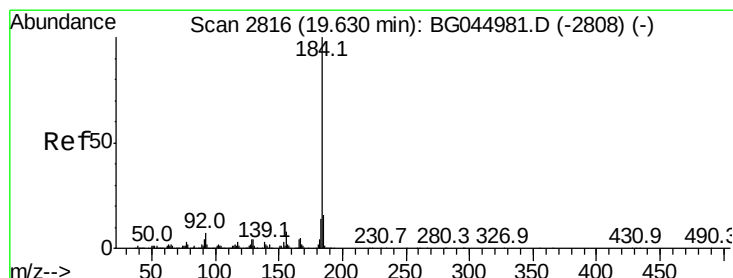
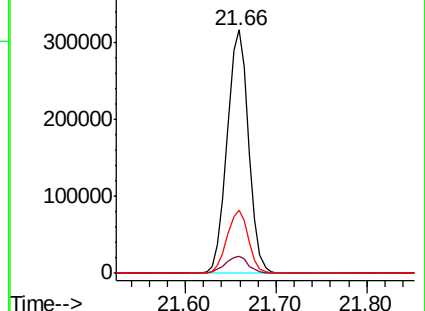
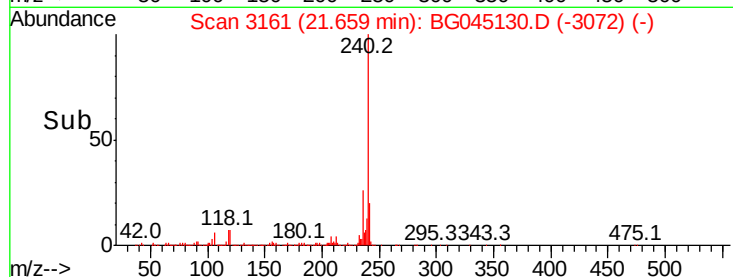
236 25.9 22.2 33.2



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: 20.01 min Scan# 2880

Delta R.T. 0.39 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

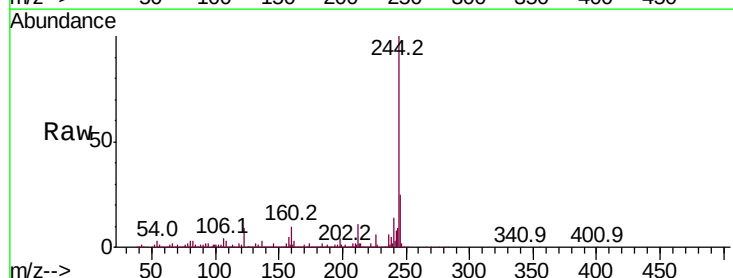
Tgt Ion:184 Resp: 46665

Ion Ratio Lower Upper

184 100

185 15.9 12.6 19.0

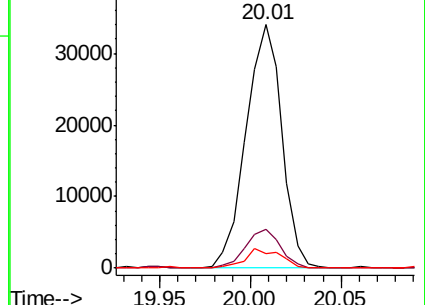
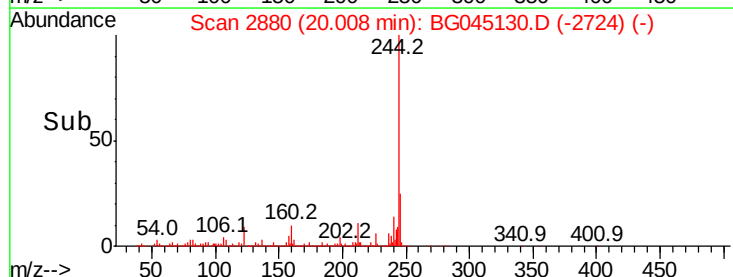
183 6.1 11.3 16.9#

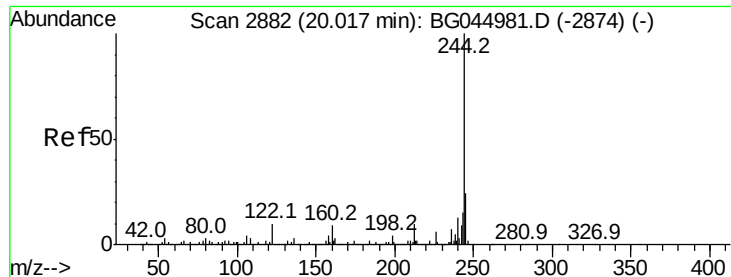


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 97.533 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

Instrument :

BNA_G

ClientSampleId :

TP-8

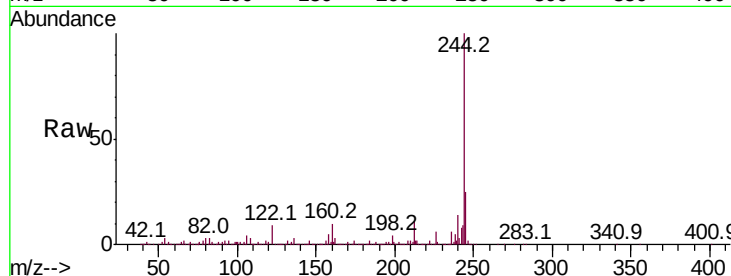
Tot Ion:244 Resp: 2318933

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.9	11.9
122	9.4	7.7	11.5

244 100

212 10.8 7.9 11.9

122 9.4 7.7 11.5

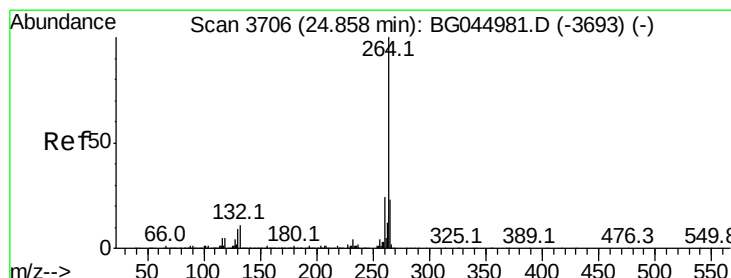
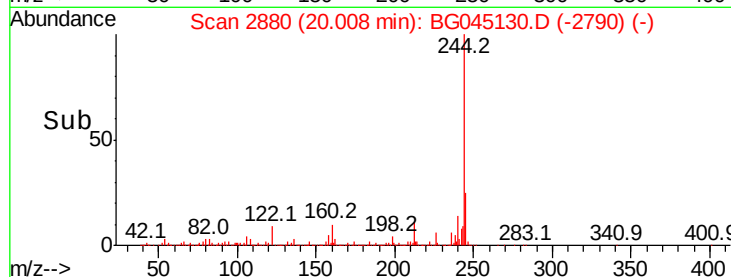
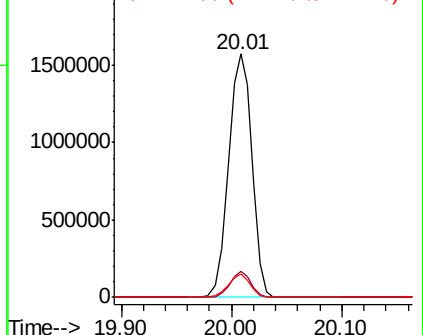


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG045130.D

Acq: 22 Apr 2020 17:28

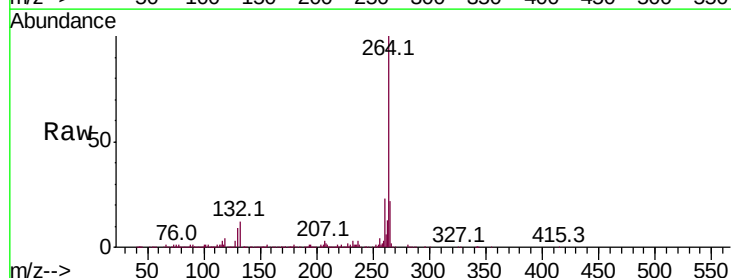
Tgt Ion:264 Resp: 564270

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.6	19.0	28.4

264 100

260 22.9 19.2 28.8

265 21.6 19.0 28.4



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

