

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_N
 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

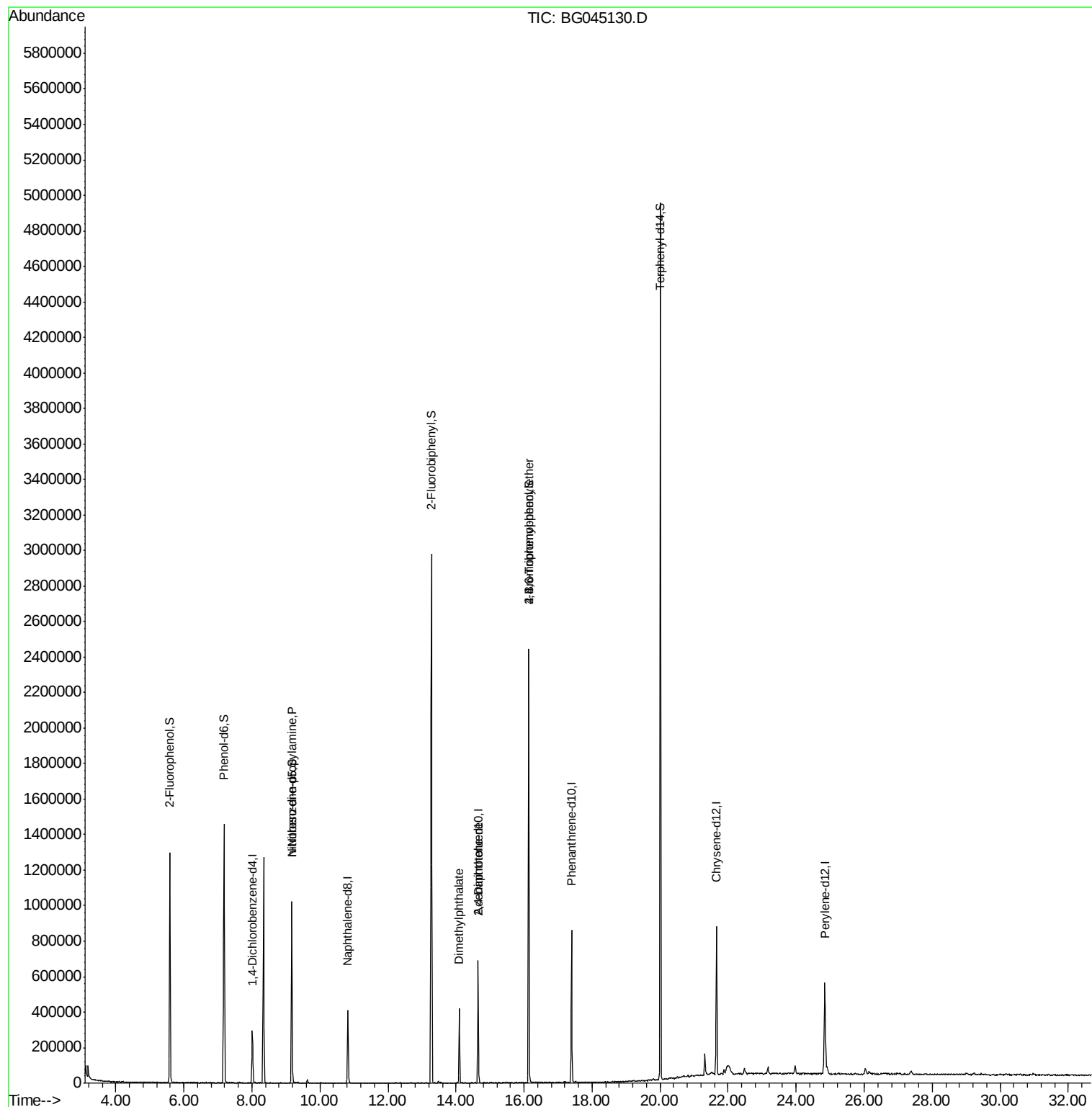
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	86770	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	361692	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	252878	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	541507	20.00	ng	0.00
76) Chrysene-d12	21.66	240	518213	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) Benzidine	20.01	184	46665	Below Cal	#	91

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

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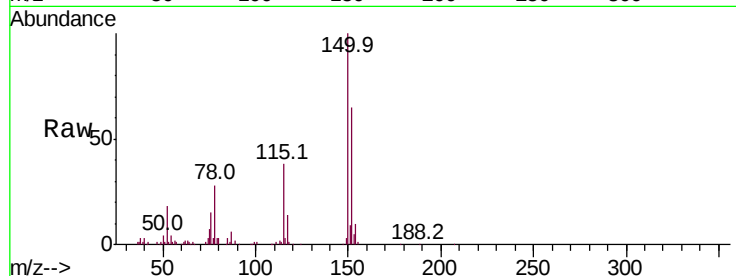


#1

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_N
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

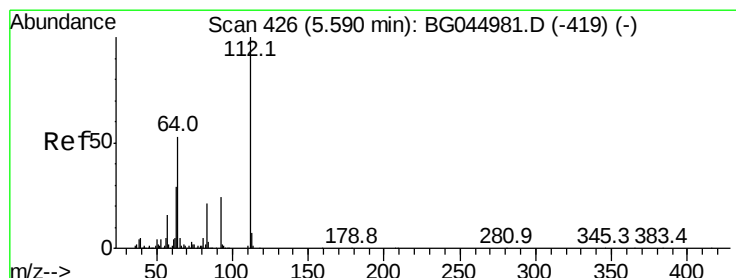
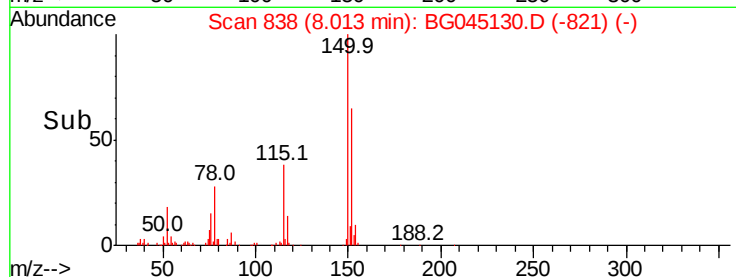
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.01

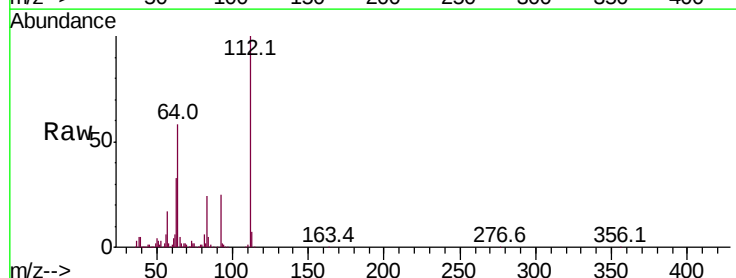
Time-->



#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

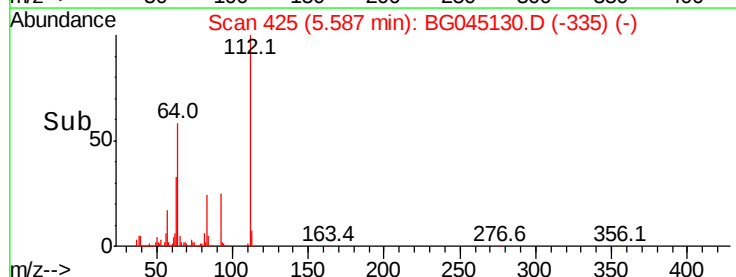
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG

5.59

Time-->





#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_N

ClientSampleId :

TP-8

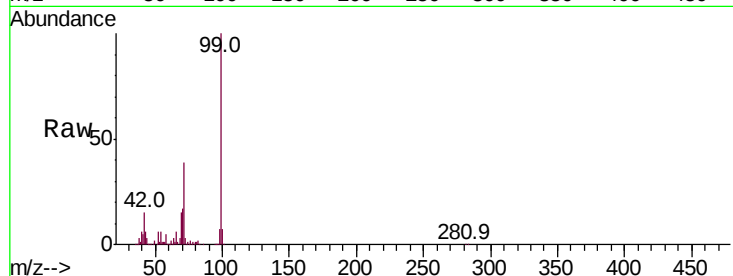
Tot Ion: 99 Resp: 947231

Ion Ratio Lower Upper

99 100

42 14.5 11.3 16.9

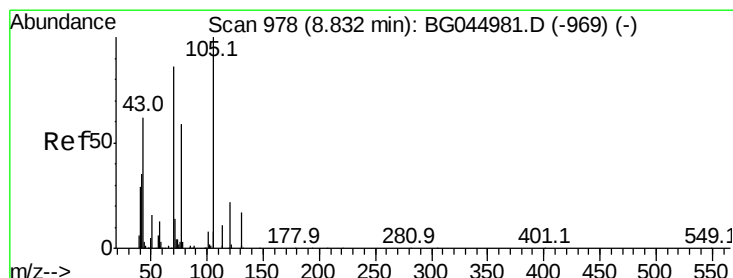
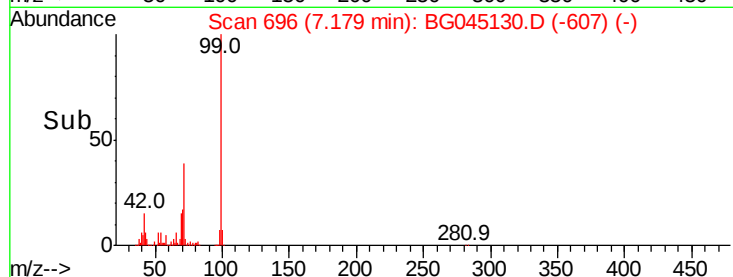
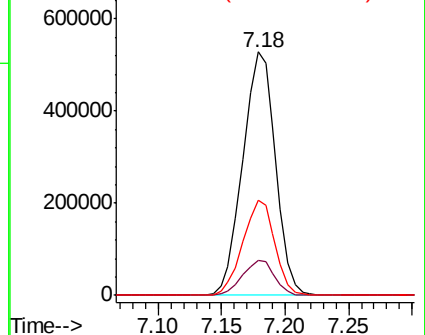
71 39.3 28.3 42.5



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: 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

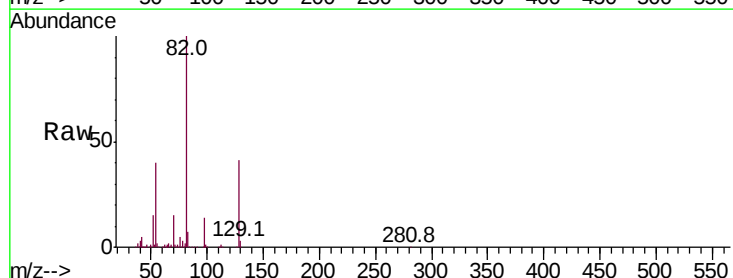
Ion Ratio Lower Upper

70 100

42 34.3 33.3 49.9

101 0.0 7.8 11.8#

130 1.8 15.8 23.6#

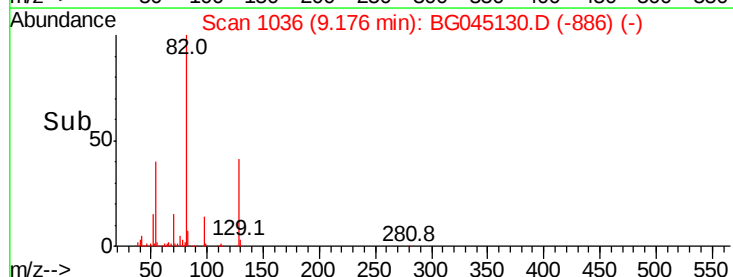
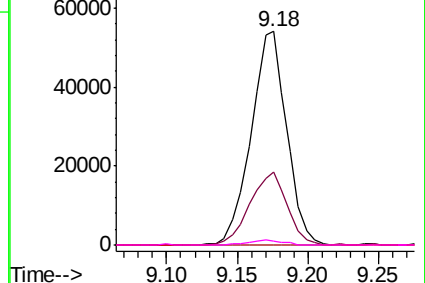


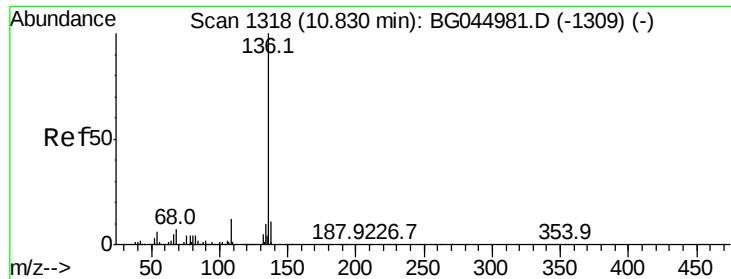
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

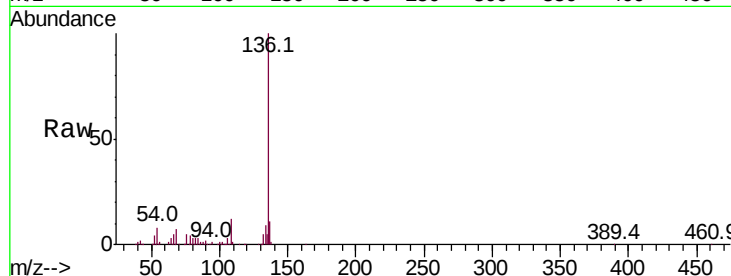




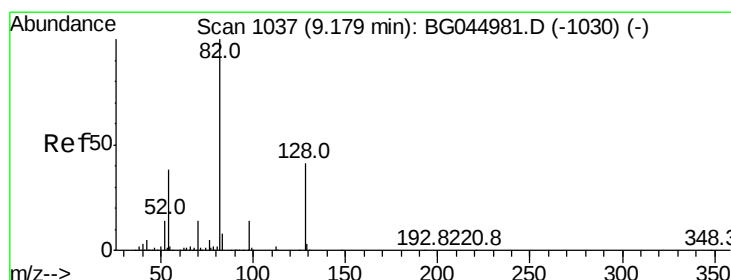
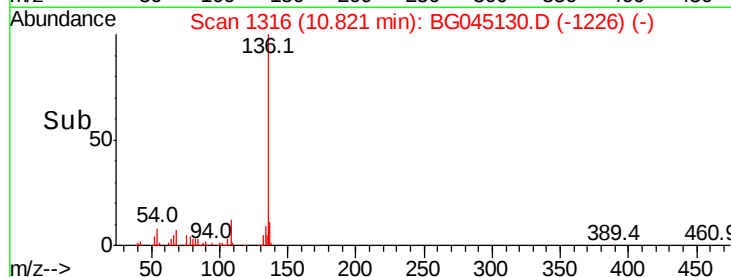
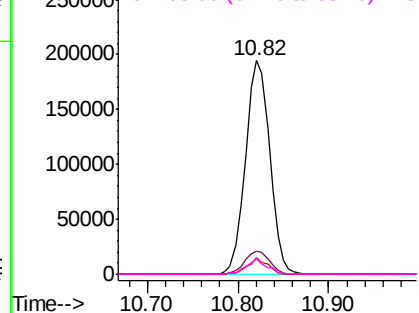
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Instrument :
BNA_N
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

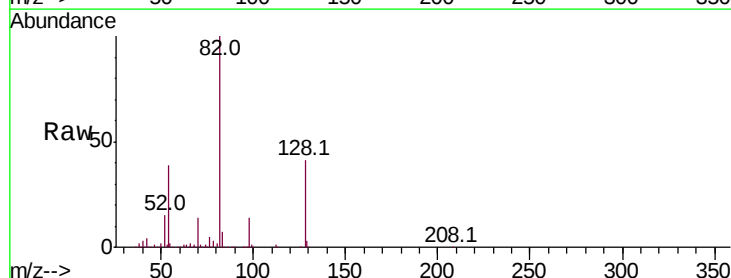


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

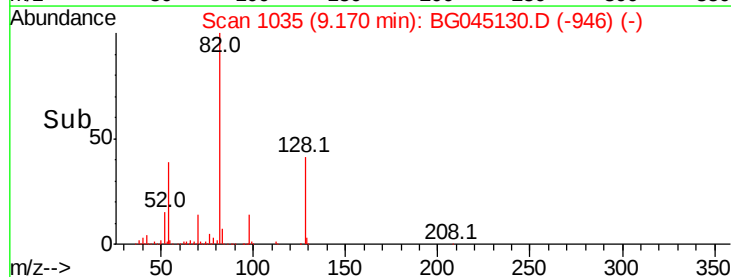
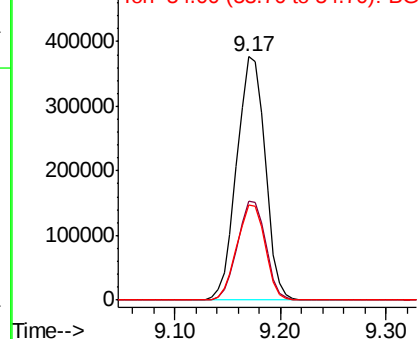


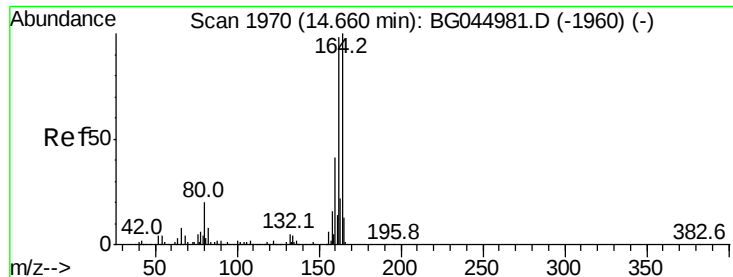
#23
Nitrobenzene-d5
Concen: 88.406 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

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_N

ClientSampled :

TP-8

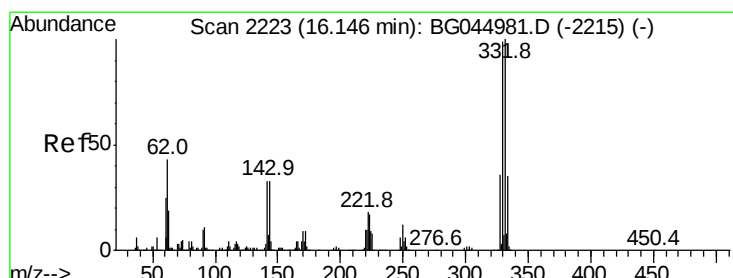
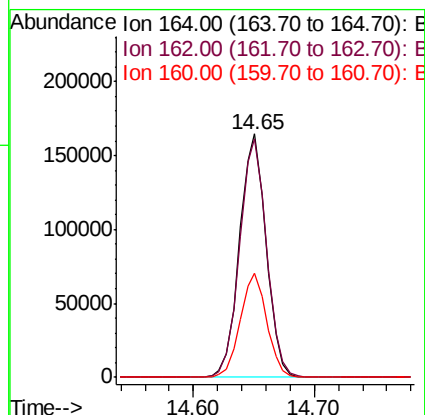
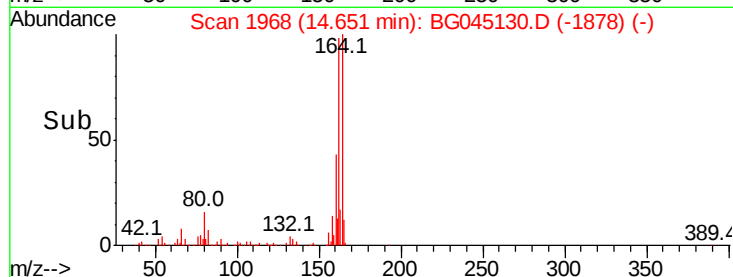
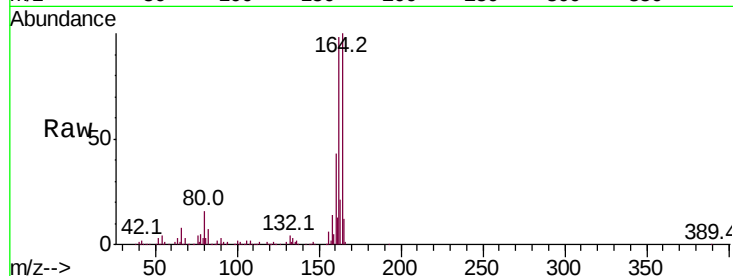
Tot Ion:164 Resp: 252878

Ion Ratio Lower Upper

164 100

162 98.0 78.7 118.1

160 42.7 32.8 49.2



#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

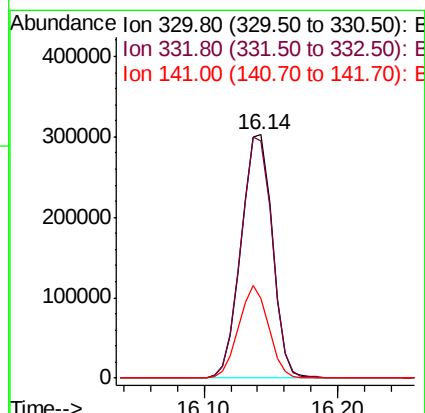
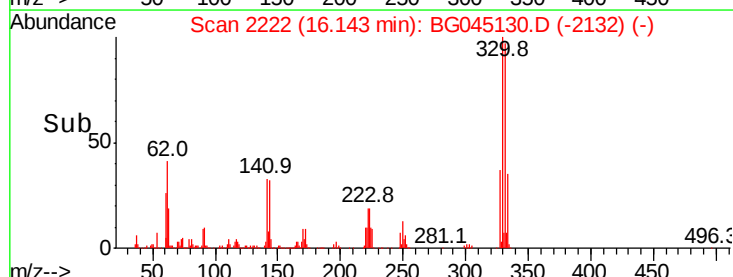
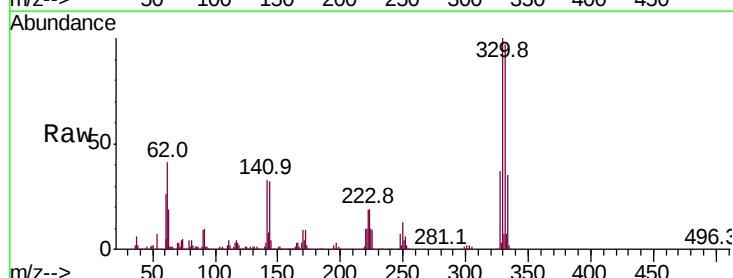
Tgt Ion:330 Resp: 490058

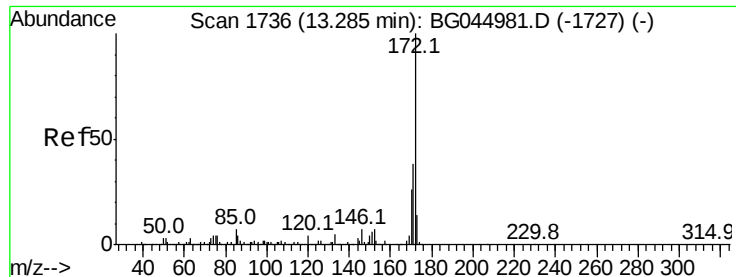
Ion Ratio Lower Upper

330 100

332 99.4 79.1 118.7

141 36.2 27.1 40.7



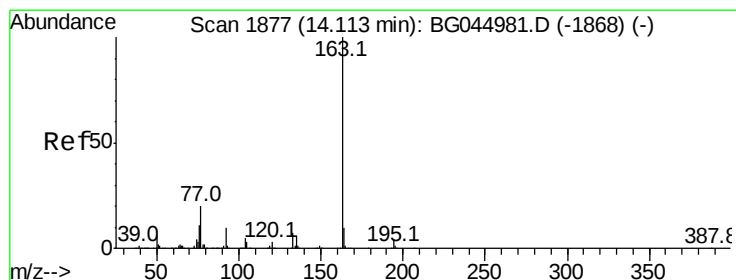
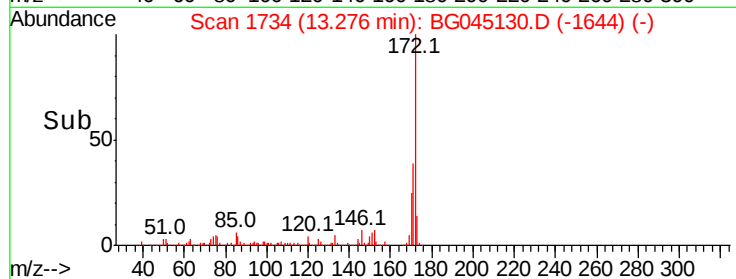
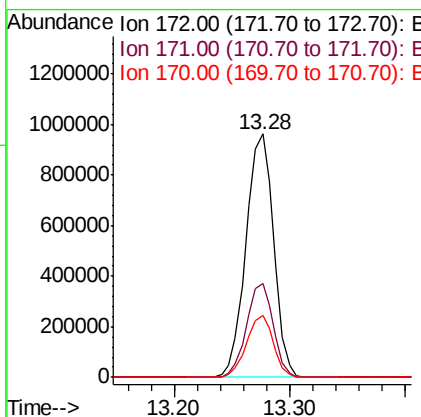
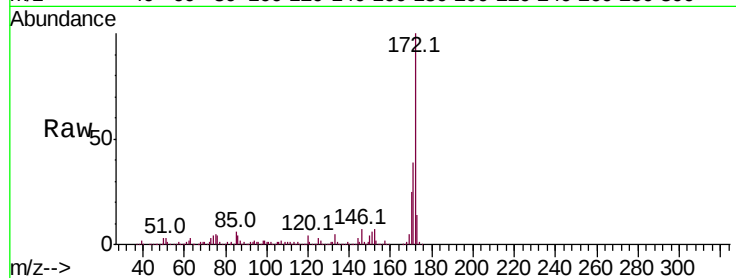


#45
 2-Fluorobiphenyl
 Concen: 93.016 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG045130.D
 Acq: 22 Apr 2020 17:28

Instrument :
 BNA_N
 ClientSampleId :
 TP-8

Tot Ion:172 Resp: 1604135

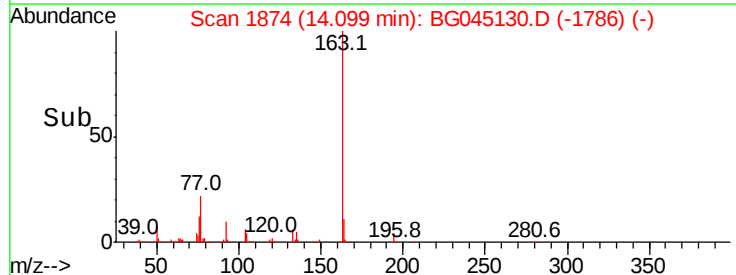
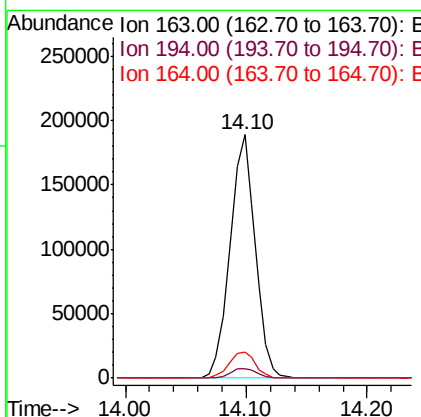
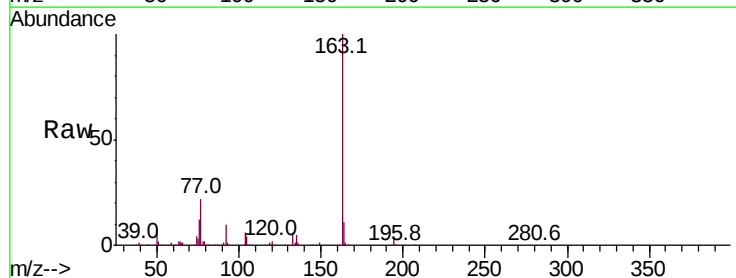
Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.6	46.0
170	25.3	20.5	30.7

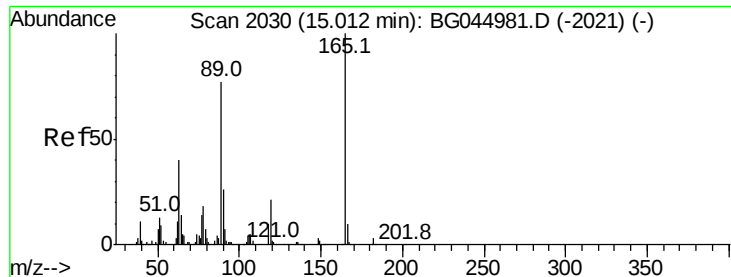


#50
 Dimethylphthalate
 Concen: 13.324 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG045130.D
 Acq: 22 Apr 2020 17:28

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

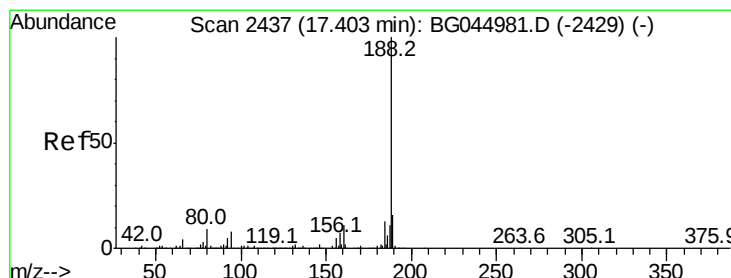
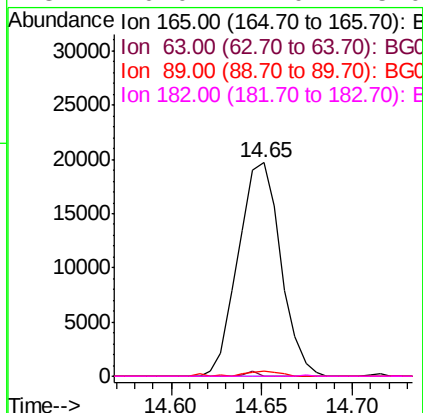
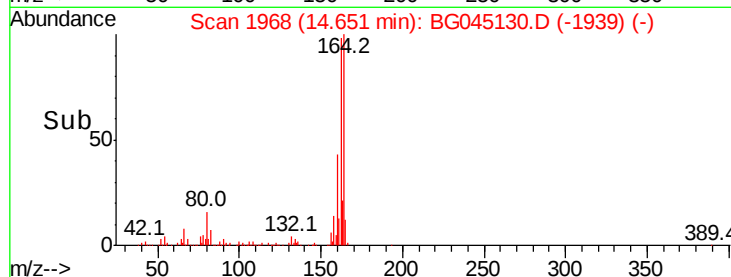
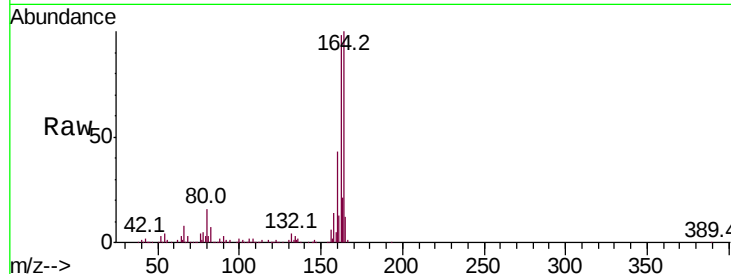




#57
2,4-Dinitrotoluene
Concen: 4.791 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

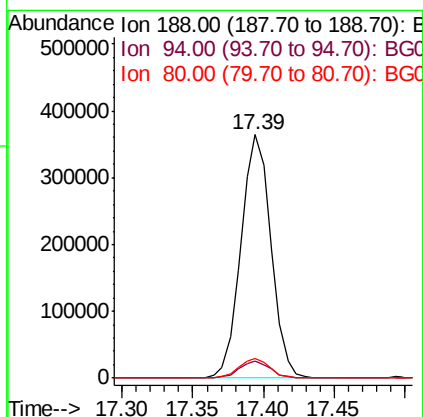
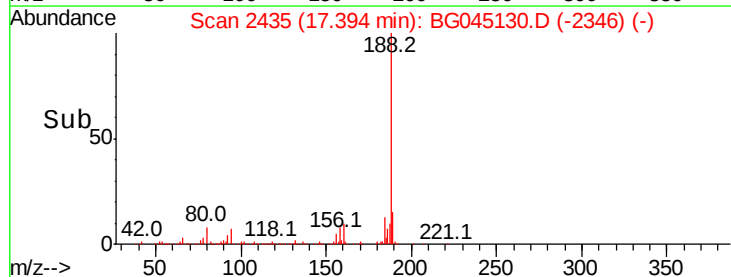
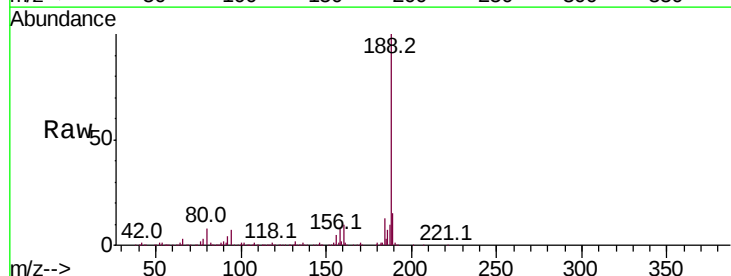
Instrument :
BNA_N
ClientSampleId :
TP-8

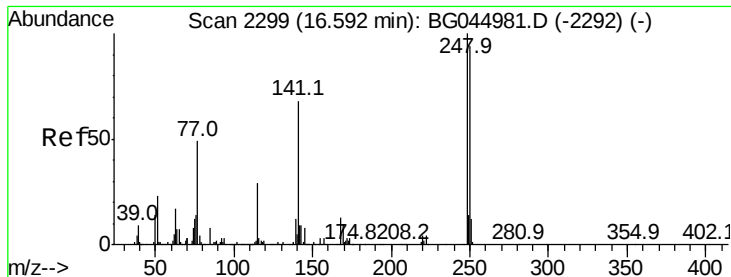
Tot Ion:165 Resp: 32247
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.4 61.7 92.5#
182 0.0 2.0 3.0#



#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

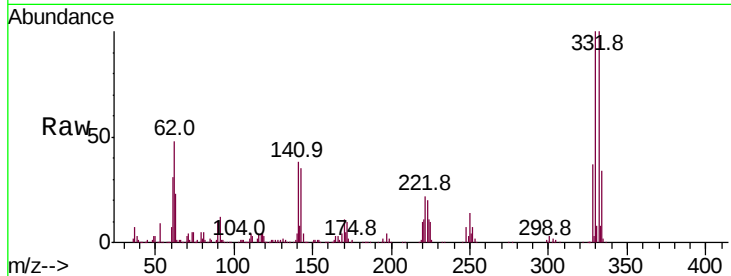




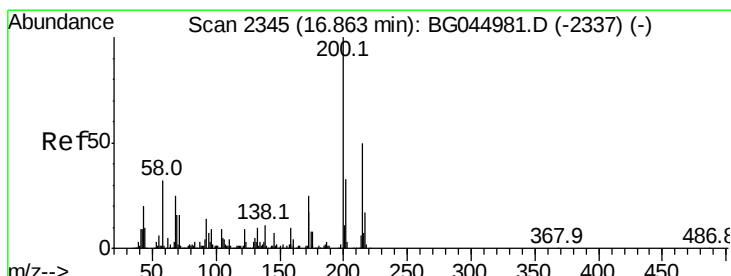
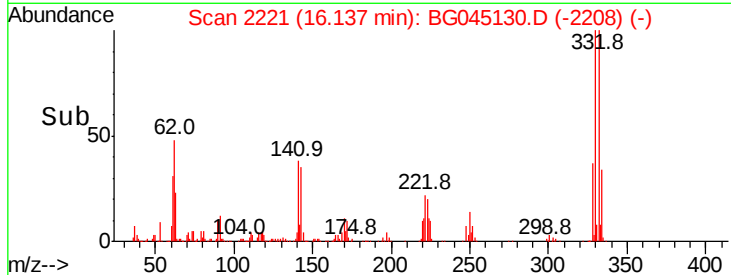
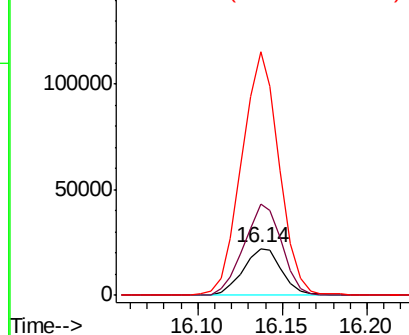
#67
4-Bromophenyl-phenylether
Concen: 4.982 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

Instrument :
BNA_N
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#

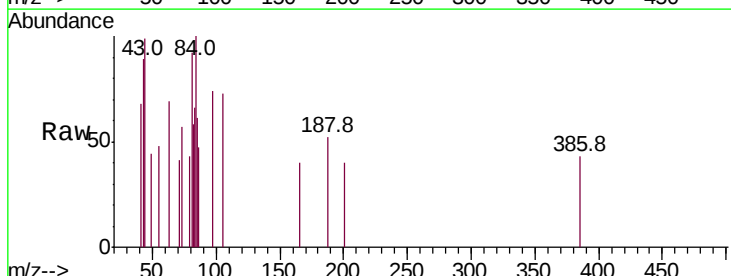


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

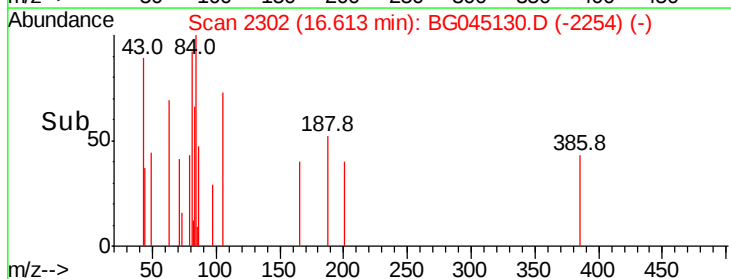
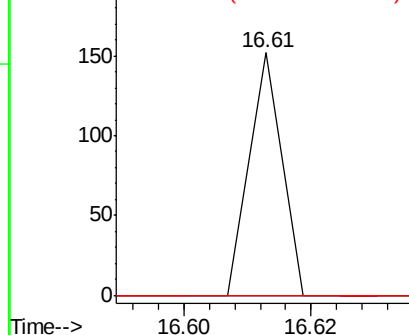


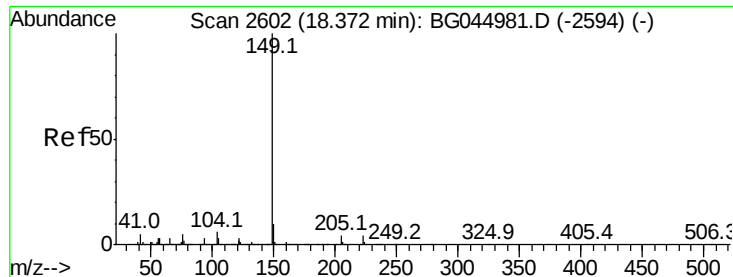
#69
Atrazine
Concen: Below Cal
RT: 16.61 min Scan# 2302
Delta R.T. -0.25 min
Lab File: BG045130.D
Acq: 22 Apr 2020 17:28

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_N

ClientSampleId :

TP-8

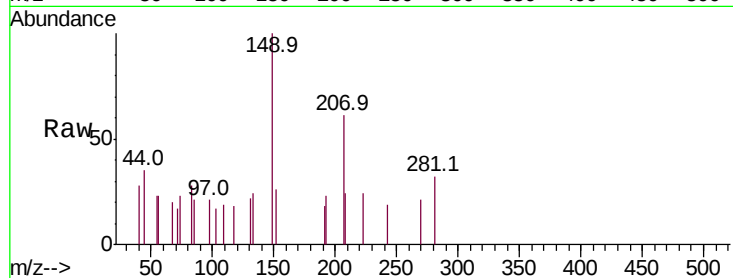
Tot Ion:149 Resp: 858

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

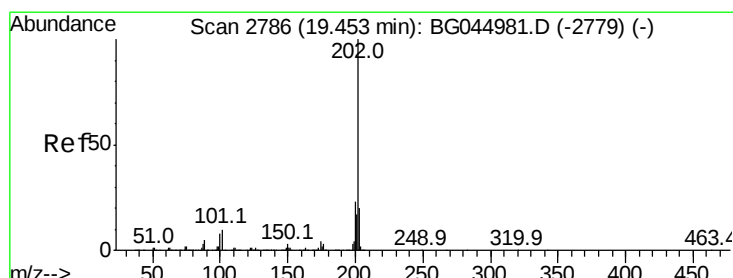
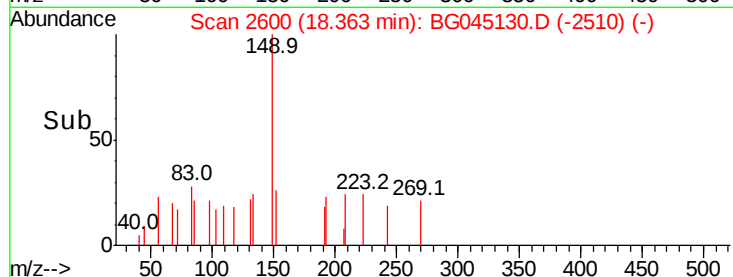
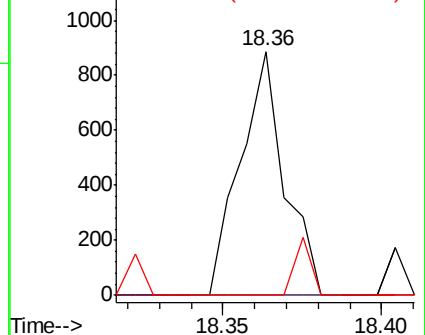
104 0.0 4.8 7.2#



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

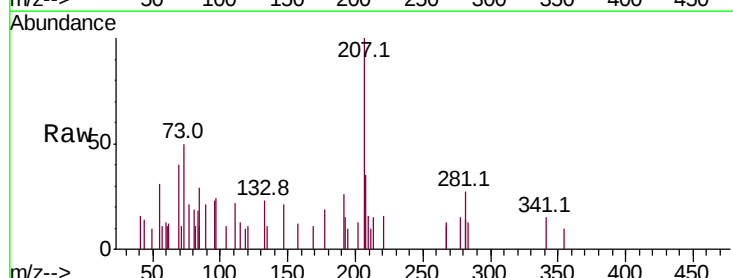
Tgt Ion:202 Resp: 129

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

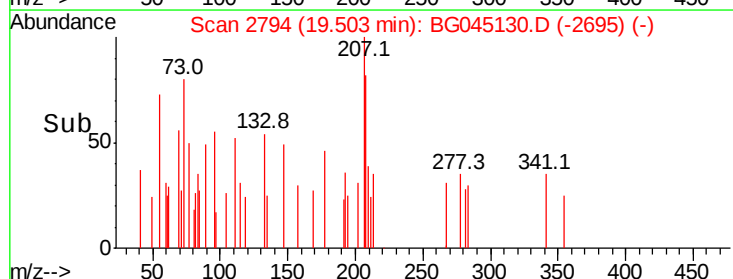
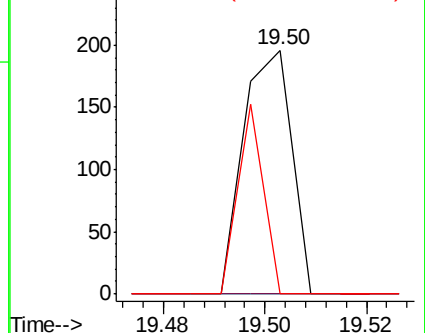
203 0.0 0.0 39.7

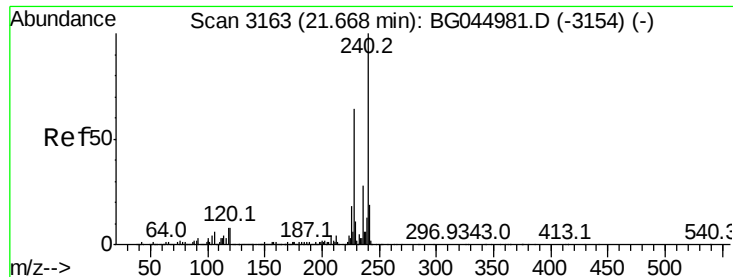


Abundance Ion 202.00 (201.70 to 202.70): E

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_N

ClientSampleId :

TP-8

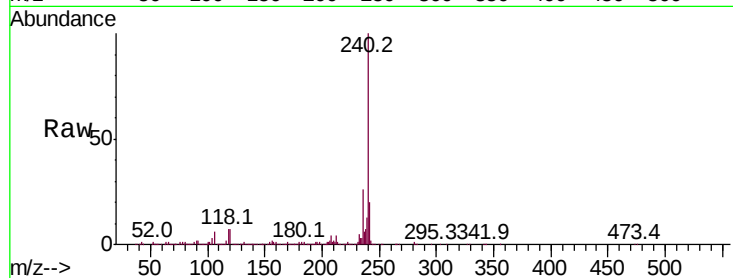
Tot Ion:240 Resp: 518213

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

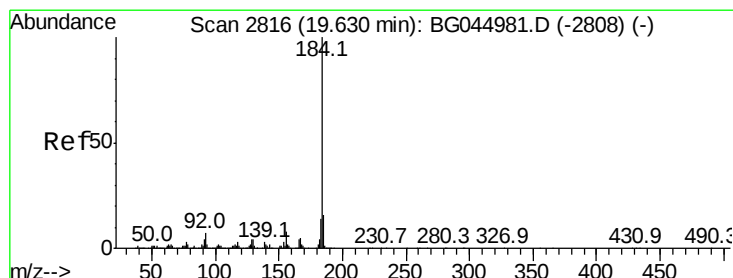
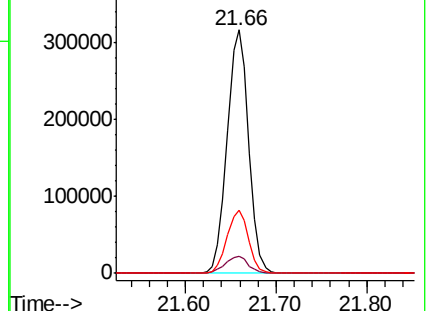
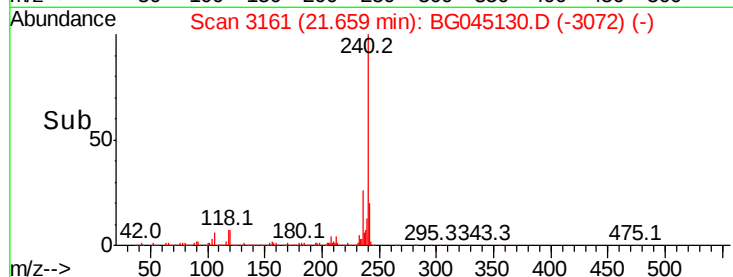
236 25.9 22.2 33.2



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

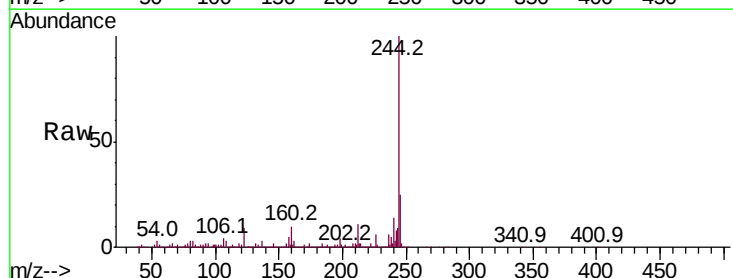
Tgt Ion:184 Resp: 46665

Ion Ratio Lower Upper

184 100

185 15.9 12.6 19.0

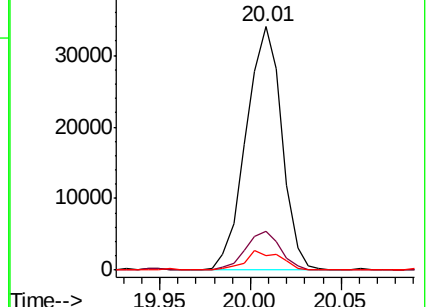
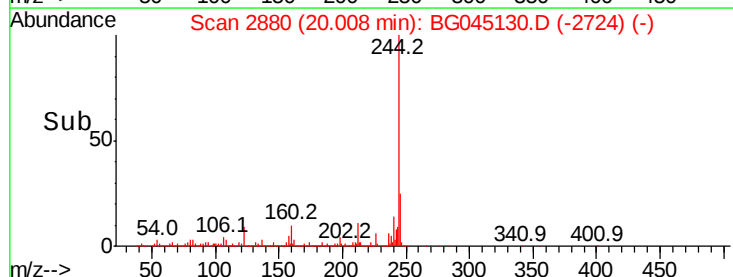
183 6.1 11.3 16.9#

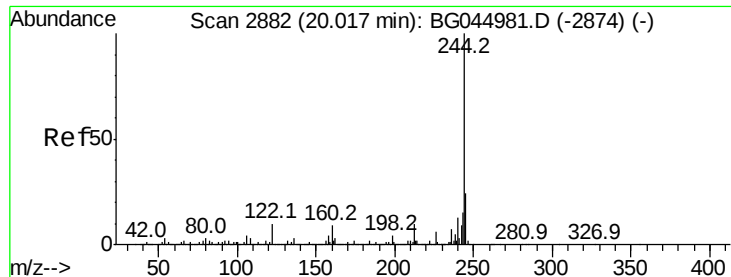


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



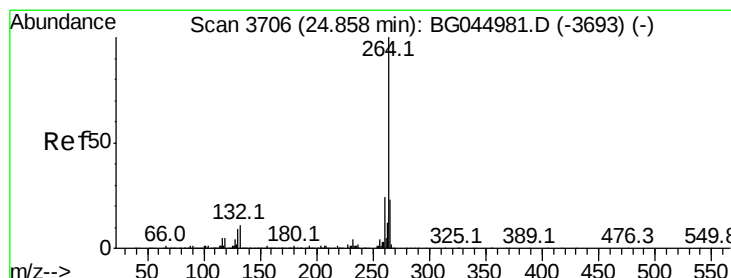
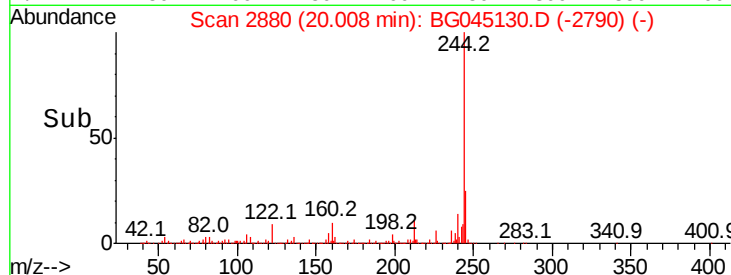
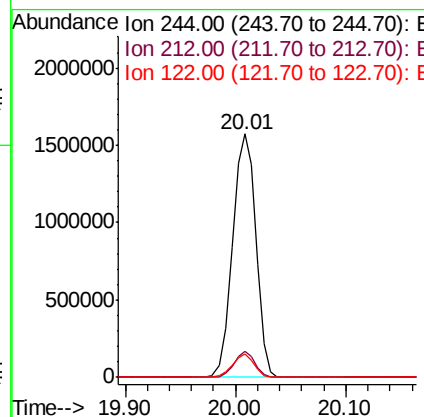
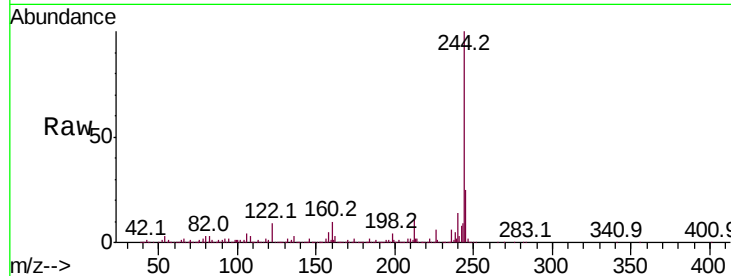


#79
 Terphenyl-d14
 Concen: 97.533 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG045130.D
 Acq: 22 Apr 2020 17:28

Instrument :
 BNA_N
 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



#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

