

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045226.D
 Acq On : 1 May 2020 21:38
 Operator : CG/JU
 Sample : L2452-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 04:58:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	67315	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	247881	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	184020	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	467727	20.00	ng	0.00
76) Chrysene-d12	21.64	240	482141	20.00	ng	0.00
87) Perylene-d12	24.82	264	505636	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	495594	121.55	ng	0.00
7) Phenol-d6	7.16	99	613180	101.22	ng	0.00
23) Nitrobenzene-d5	9.15	82	521890	96.07	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	417402	146.82	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1221142	97.30	ng	0.00
79) Terphenyl-d14	20.00	244	2239994	101.26	ng	0.00

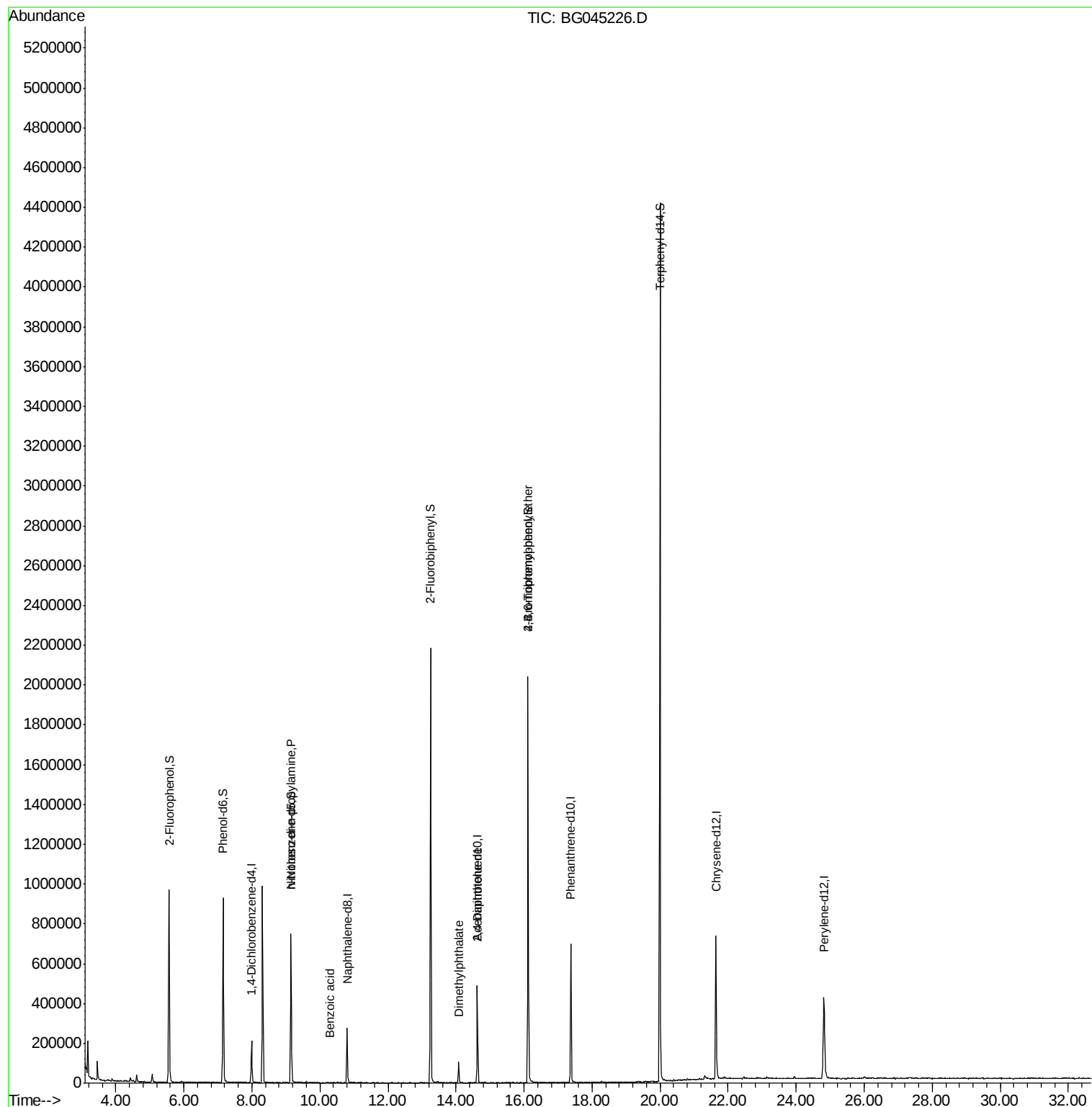
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.16	77	1350	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.15	70	70389	16.430	ng	# 79
32) Benzoic acid	10.29	122	115	6.406	ng	# 1
50) Dimethylphthalate	14.08	163	80329	5.361	ng	99
57) 2,4-Dinitrotoluene	14.63	165	24770	5.057	ng	# 22
67) 4-Bromophenyl-phenylether	16.12	248	28242	4.680	ng	# 1
74) Di-n-butylphthalate	18.35	149	1213	Below Cal	#	72
75) Fluoranthene	19.42	202	792	Below Cal		62
77) Benzidine	20.00	184	43890	Below Cal	#	90

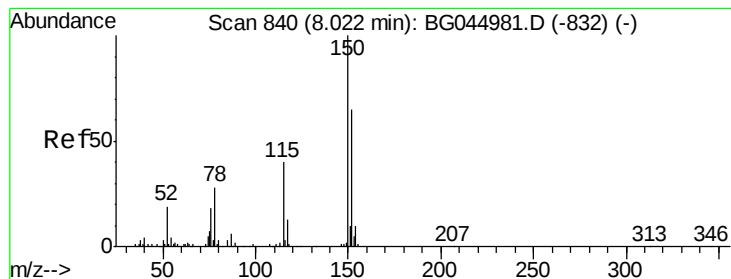
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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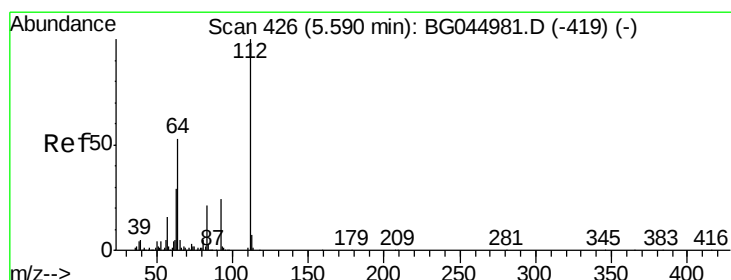
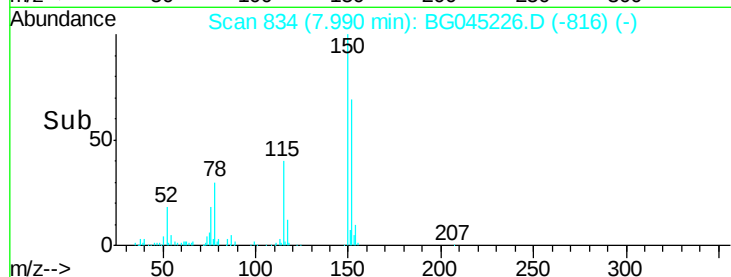
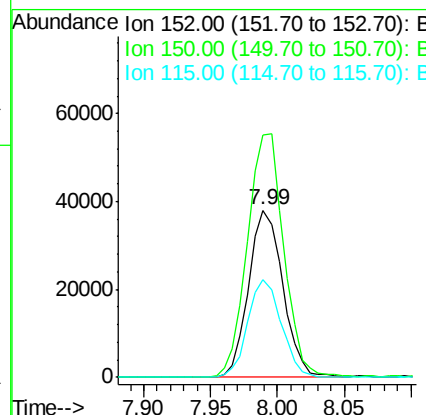
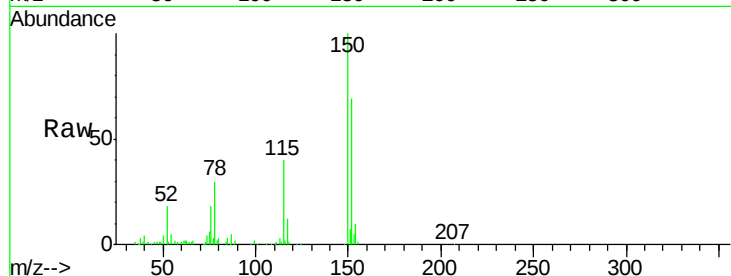


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045226.D
Acq: 1 May 2020 21:38

Instrument :
BNA_G
ClientSampleId :

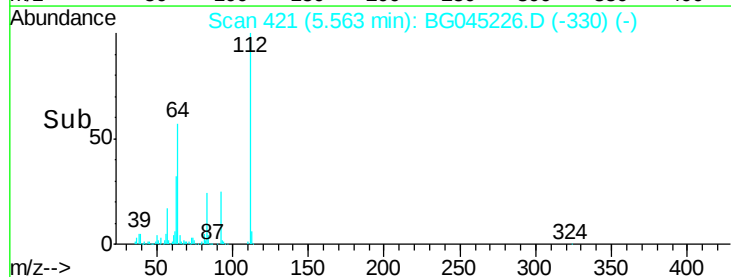
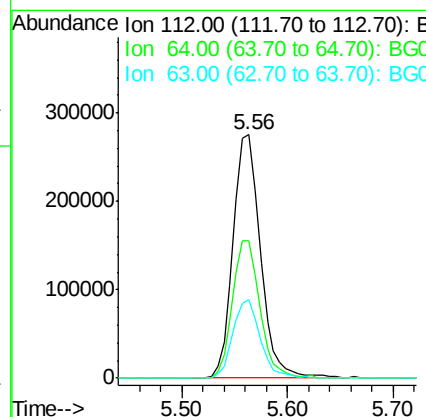
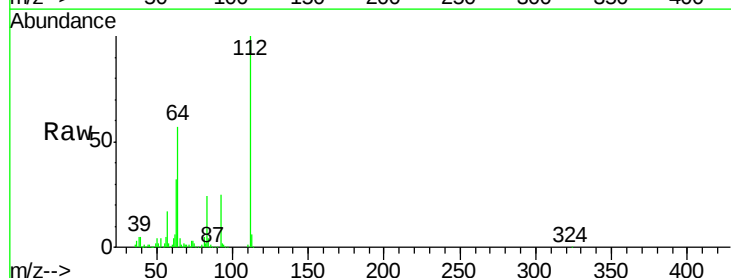
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	123.6	185.4
115	58.6	49.1	73.7

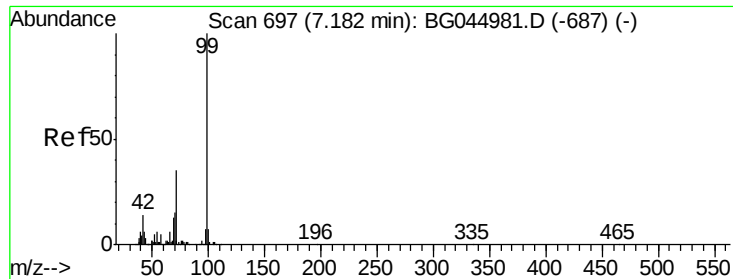


#5

2-Fluorophenol
Concen: 121.548 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045226.D
Acq: 1 May 2020 21:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.4	63.6
63	32.3	23.1	34.7





#7

Phenol-d6

Concen: 101.219 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

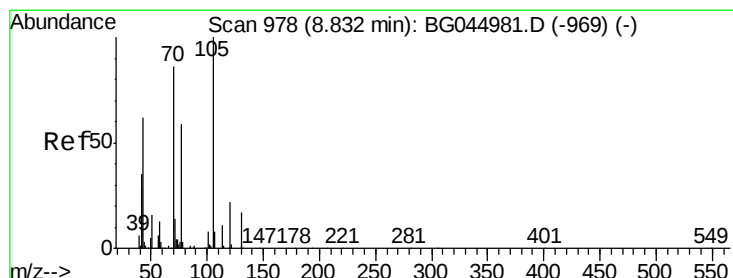
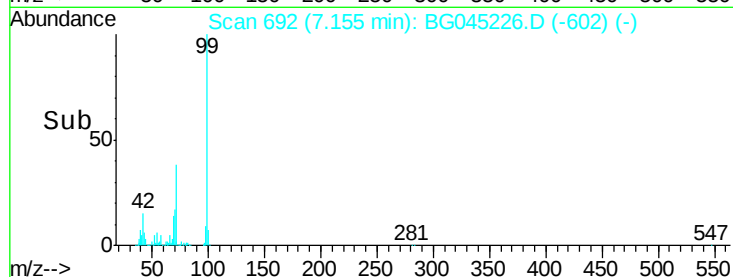
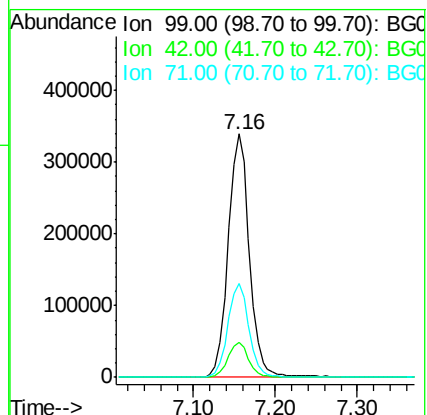
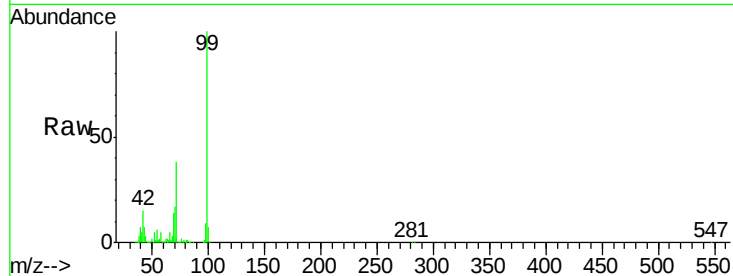
Tot Ion: 99 Resp: 613180

Ion Ratio Lower Upper

99 100

42 14.5 11.3 16.9

71 38.4 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.430 ng

RT: 9.15 min Scan# 1031

Delta R.T. 0.35 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

Tgt Ion: 70 Resp: 70389

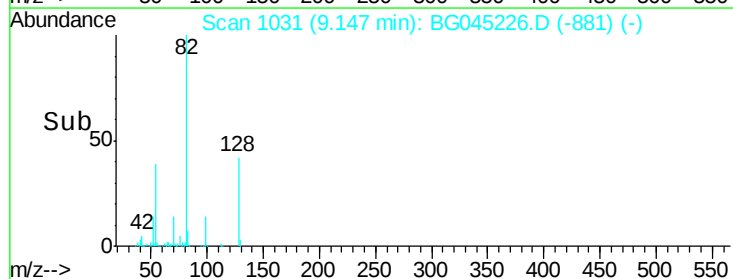
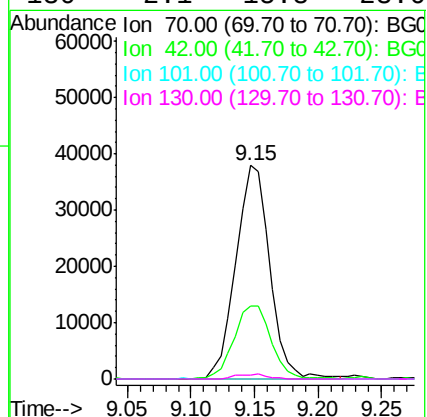
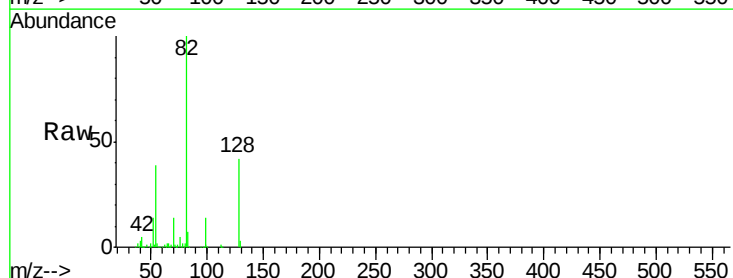
Ion Ratio Lower Upper

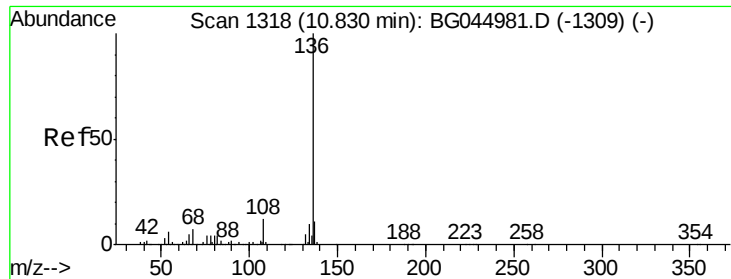
70 100

42 34.3 33.3 49.9

101 0.0 7.8 11.8#

130 2.1 15.8 23.6#

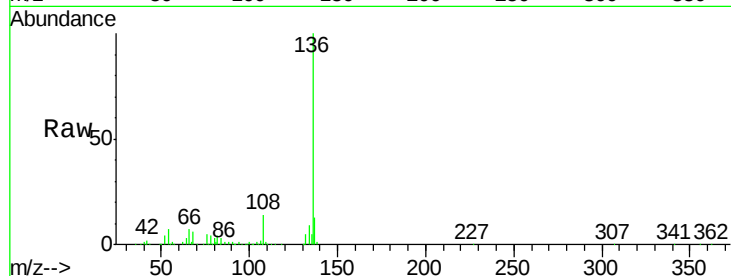




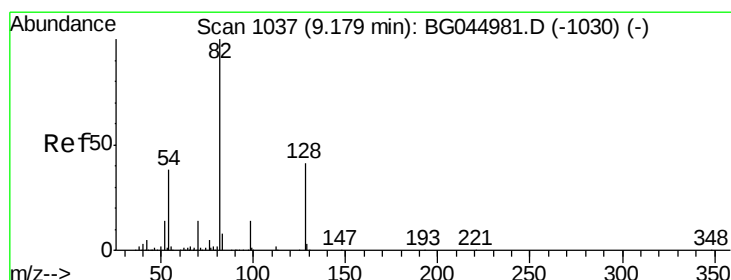
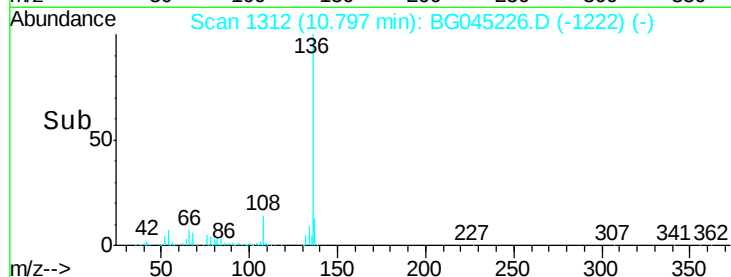
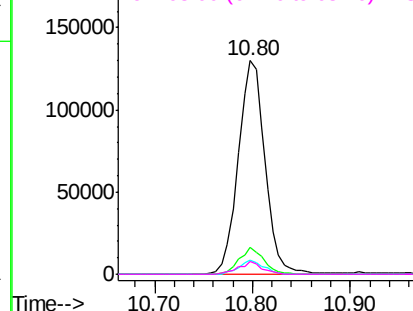
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045226.D
Acq: 1 May 2020 21:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	247881
Ion Ratio	Lower	Upper
136 100		
137 12.7	8.6	13.0
54 6.5	4.8	7.2
68 6.2	5.2	7.8

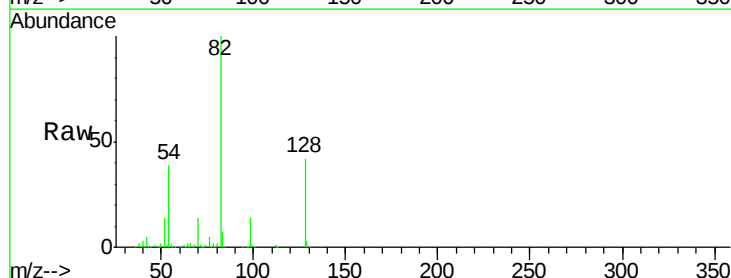


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

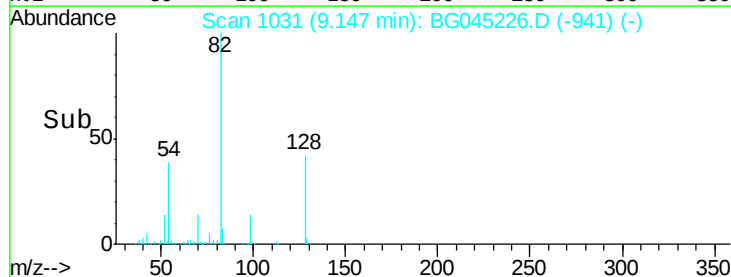
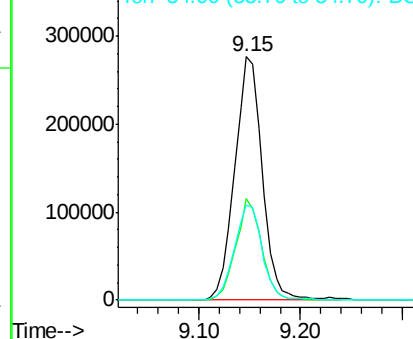


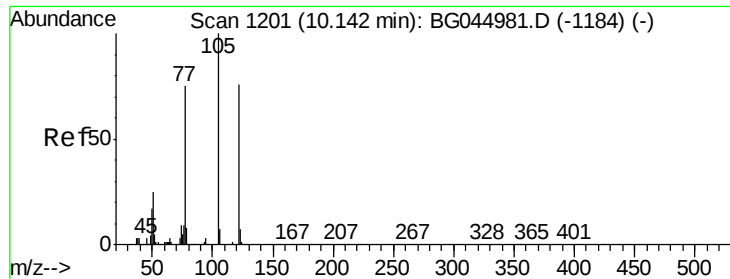
#23
Nitrobenzene-d5
Concen: 96.067 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG045226.D
Acq: 1 May 2020 21:38

Tgt Ion: 82	Resp:	521890
Ion Ratio	Lower	Upper
82 100		
128 41.9	33.0	49.4
54 39.1	30.4	45.6



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

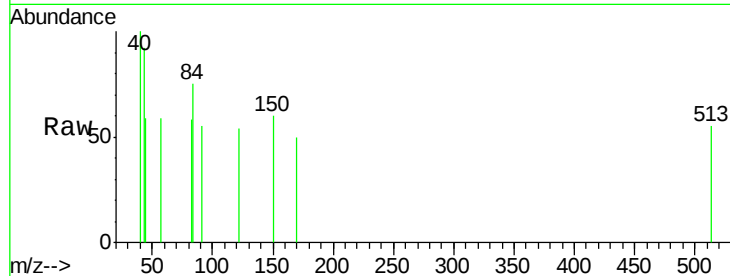




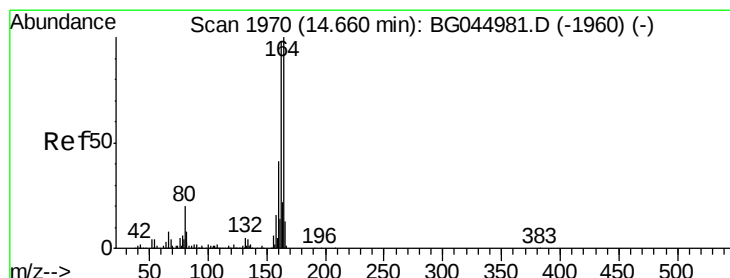
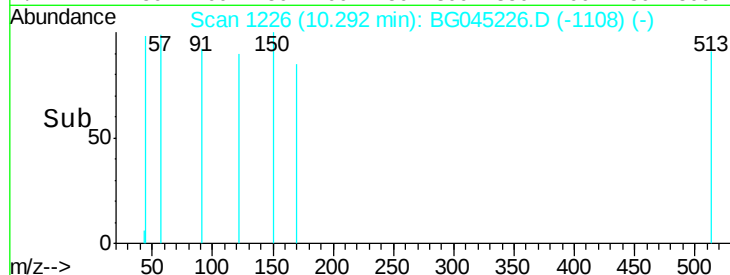
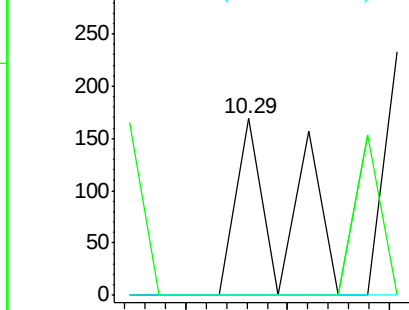
#32
Benzoic acid
Concen: 6.406 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.16 min
Lab File: BG045226.D
Acq: 1 May 2020 21:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 115
Ion Ratio Lower Upper
122 100
105 0.0 108.4 148.4#
77 0.0 78.8 118.8#

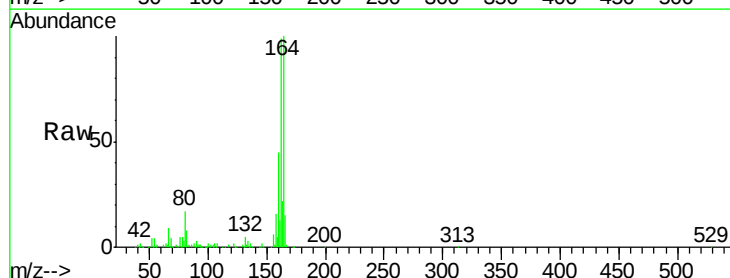


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

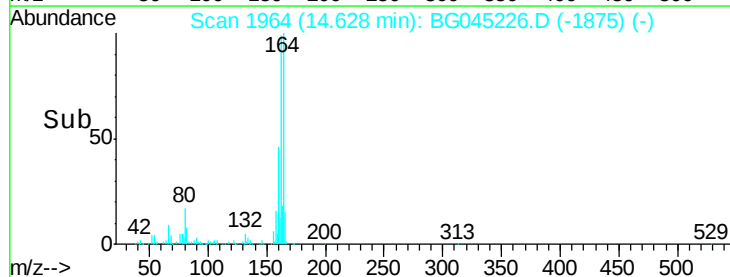
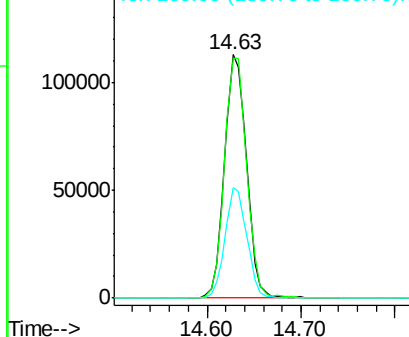


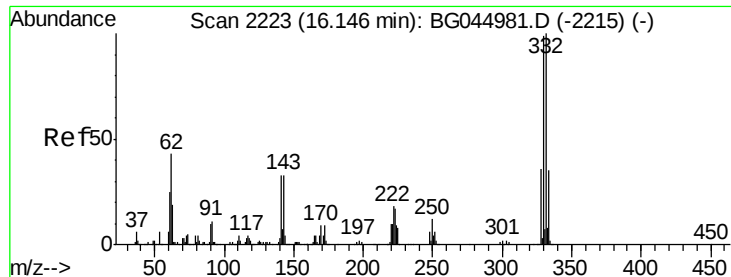
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG045226.D
Acq: 1 May 2020 21:38

Tgt Ion:164 Resp: 184020
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 45.3 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

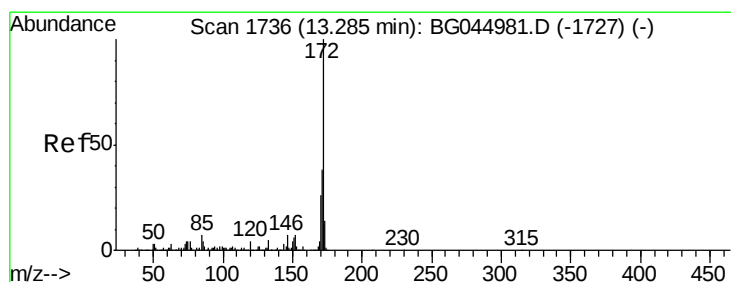
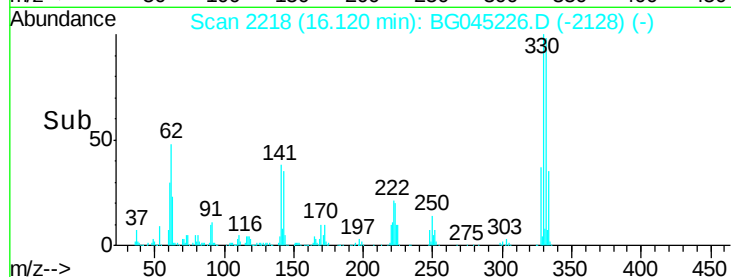
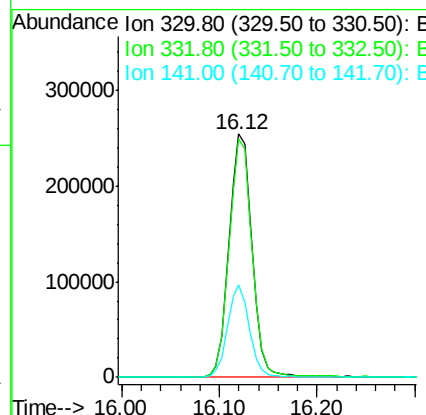
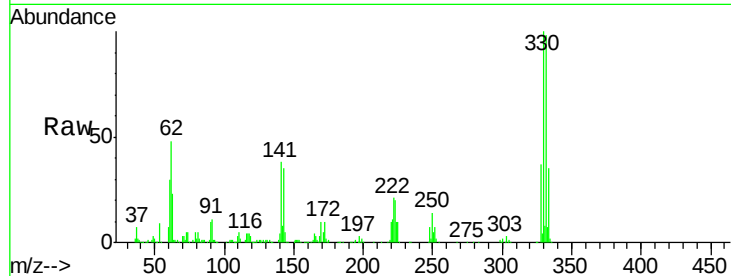




#42
 2,4,6-Tribromophenol
 Concen: 146.824 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045226.D
 Acq: 1 May 2020 21:38

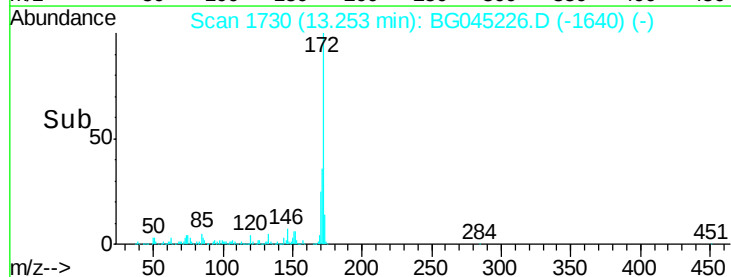
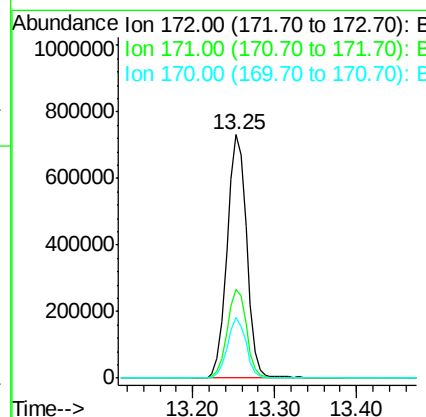
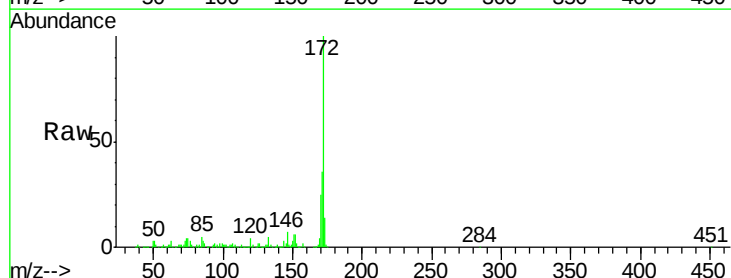
Instrument :
 BNA_G
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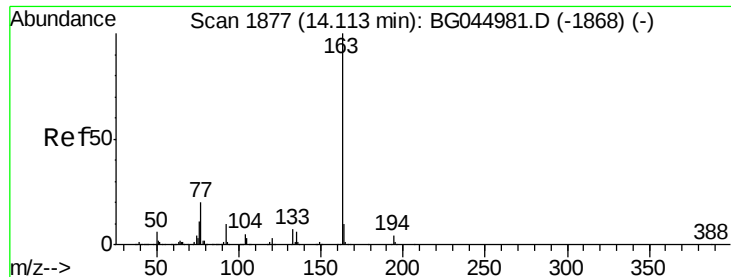
Tot Ion:330 Resp: 417402
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.1 118.7
 141 35.9 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 97.304 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045226.D
 Acq: 1 May 2020 21:38

Tgt Ion:172 Resp: 1221142
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.6 46.0
 170 24.9 20.5 30.7





#50

Dimethylphthalate

Concen: 5.361 ng

RT: 14.08 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

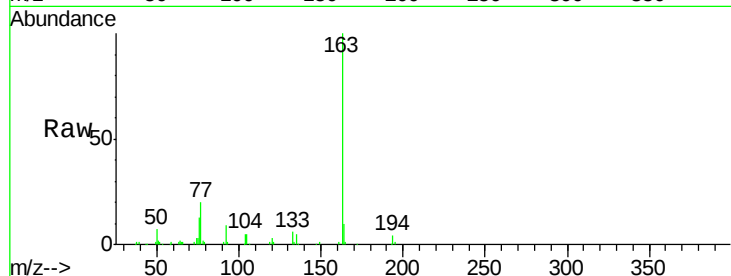
Tot Ion:163 Resp: 80329

Ion Ratio Lower Upper

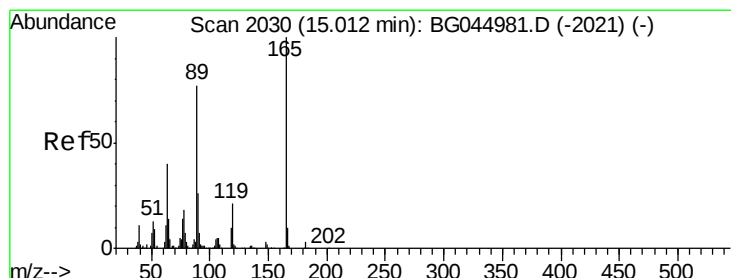
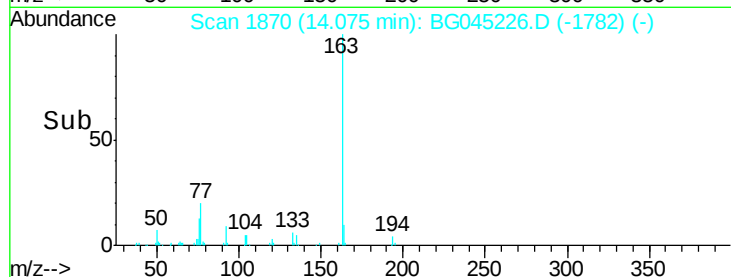
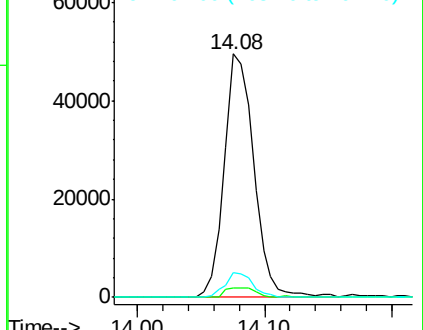
163 100

194 3.8 3.5 5.3

164 10.1 8.2 12.4



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: 5.057 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.36 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

Tgt Ion:165 Resp: 24770

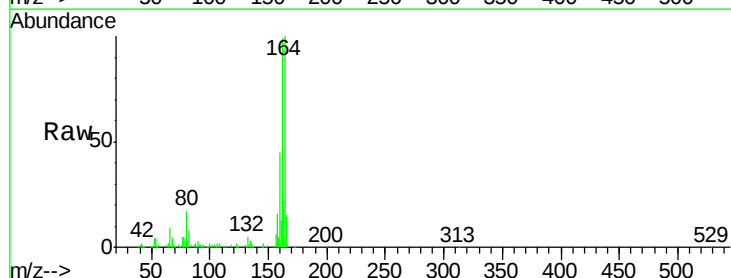
Ion Ratio Lower Upper

165 100

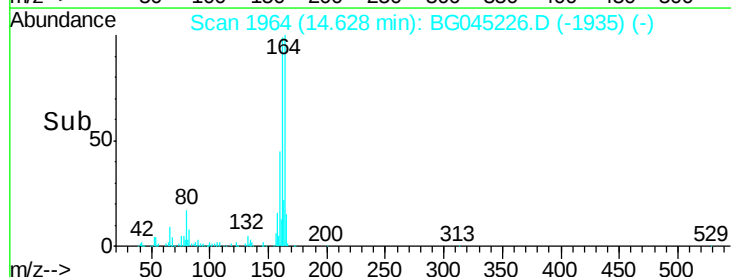
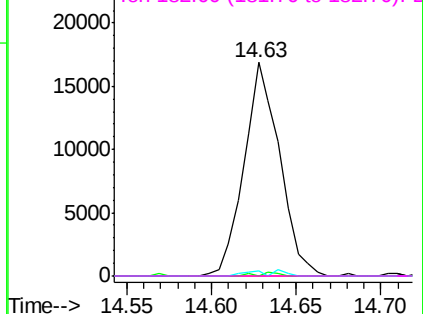
63 0.0 32.2 48.2#

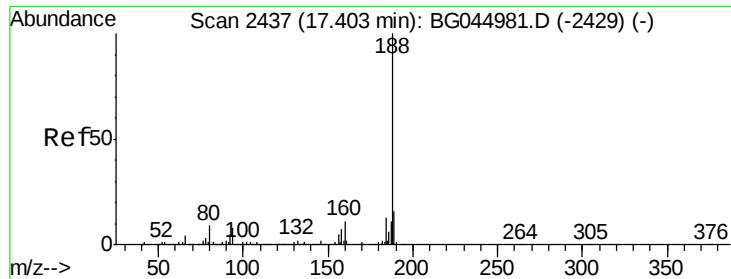
89 2.4 61.7 92.5#

182 0.0 2.0 3.0#



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: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

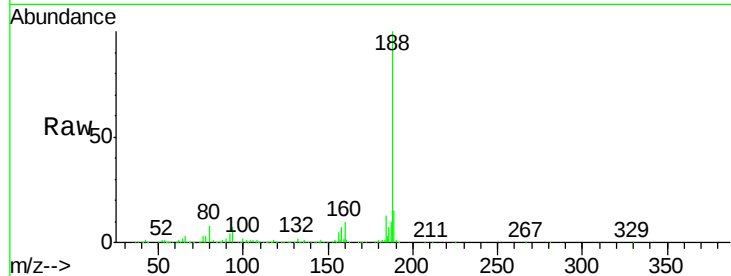
Tot Ion:188 Resp: 467727

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

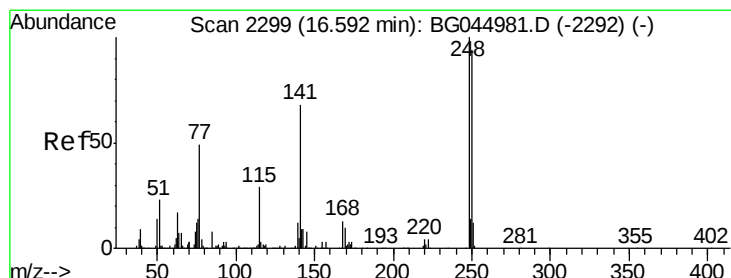
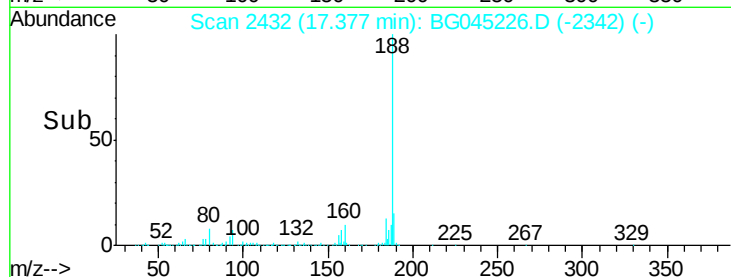
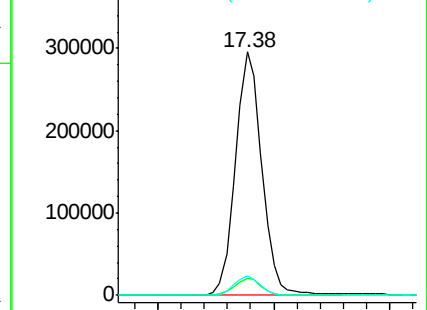
80 8.1 7.0 10.6



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: 4.680 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.45 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

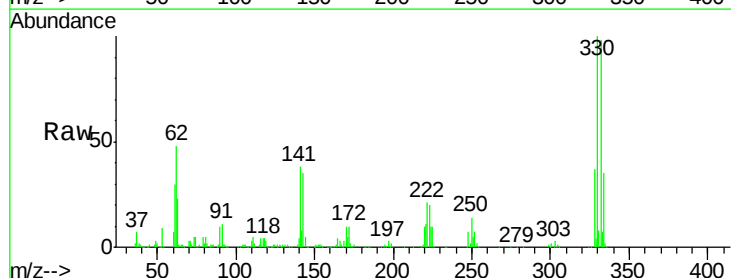
Tgt Ion:248 Resp: 28242

Ion Ratio Lower Upper

248 100

250 186.7 75.4 113.2#

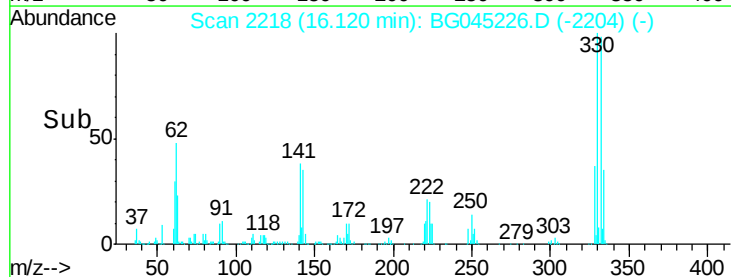
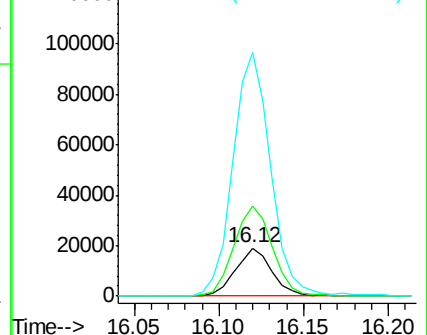
141 507.1 54.4 81.6#

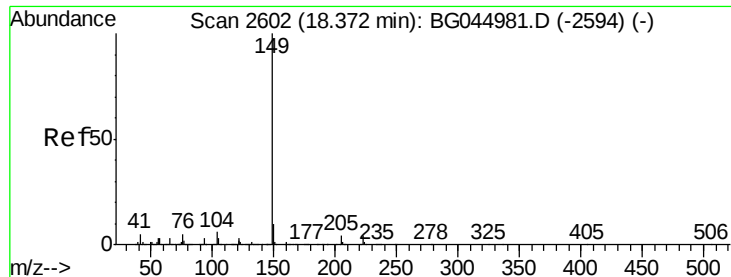


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

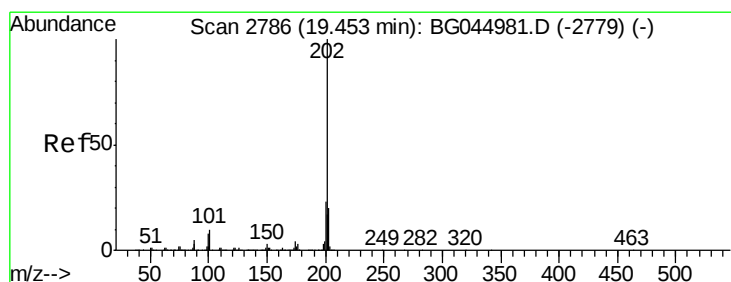
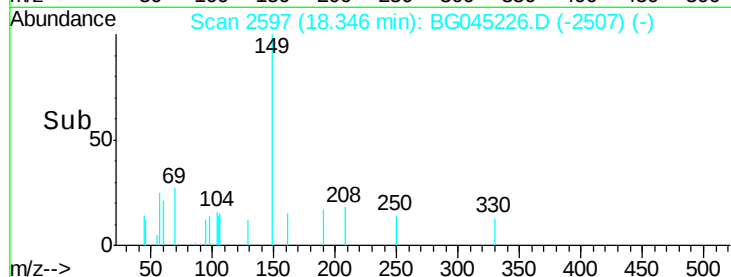
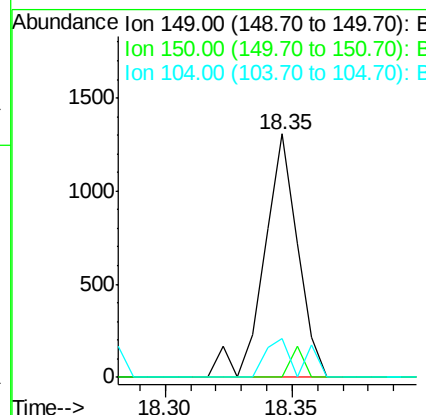
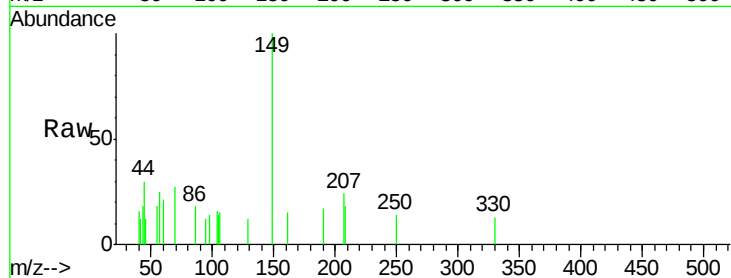




#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.35 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BG045226.D
Acq: 1 May 2020 21:38

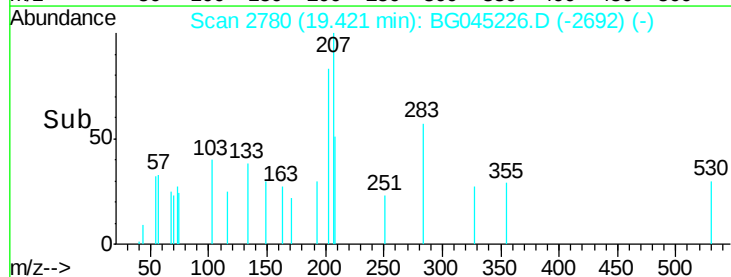
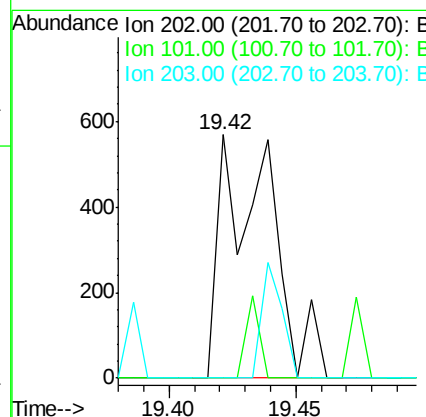
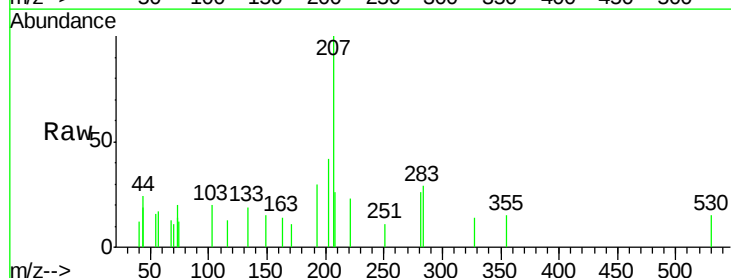
Instrument :
BNA_G
ClientSampleId :

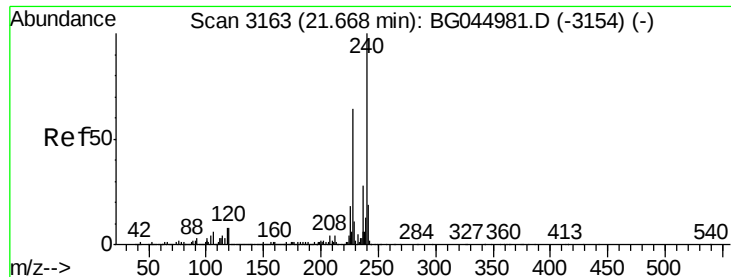
Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	16.2	4.8	7.2#



#75
Fluoranthene
Concen: Below Cal
RT: 19.42 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BG045226.D
Acq: 1 May 2020 21:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

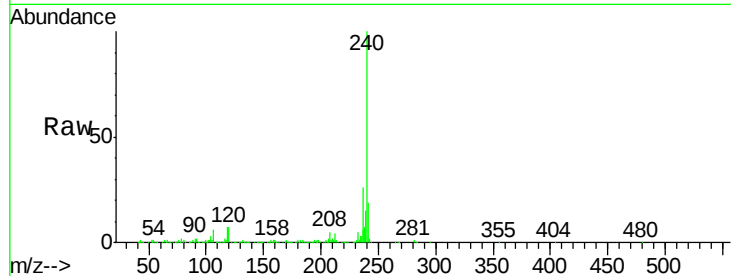
Tot Ion:240 Resp: 482141

Ion Ratio Lower Upper

240 100

120 6.5 6.6 10.0#

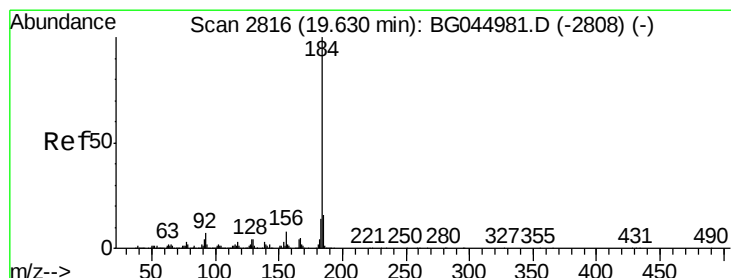
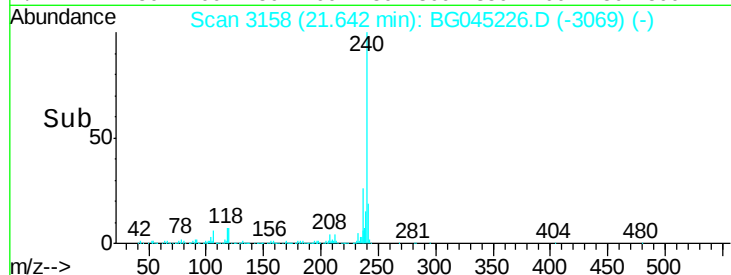
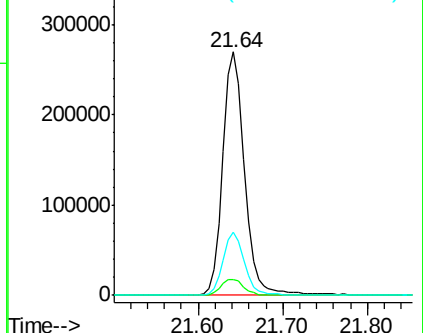
236 26.0 22.2 33.2



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: 20.00 min Scan# 2878

Delta R.T. 0.38 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

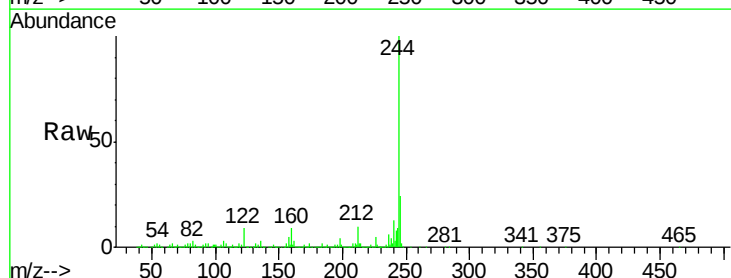
Tgt Ion:184 Resp: 43890

Ion Ratio Lower Upper

184 100

185 16.9 12.6 19.0

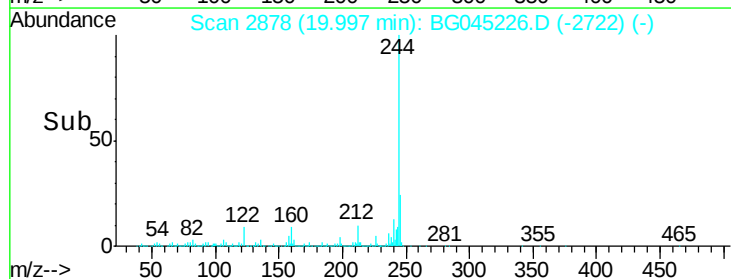
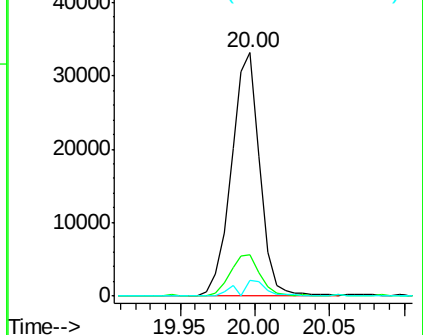
183 6.5 11.3 16.9#

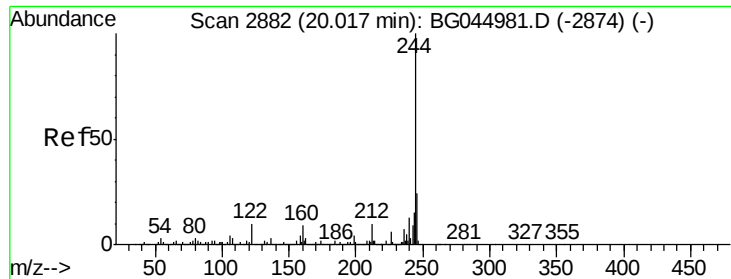


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 101.261 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

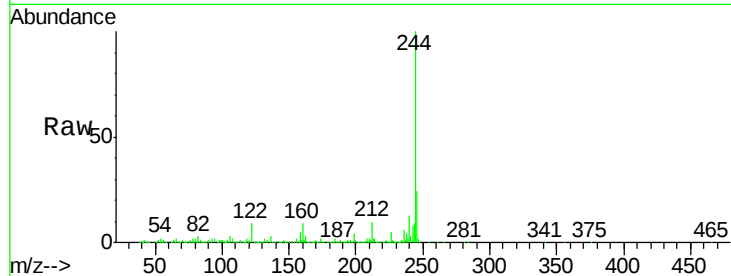
Tot Ion:244 Resp: 2239994

Ion Ratio Lower Upper

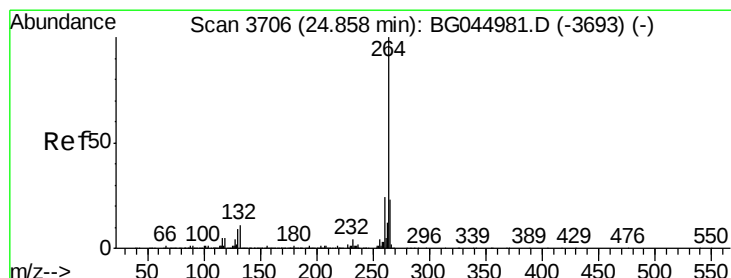
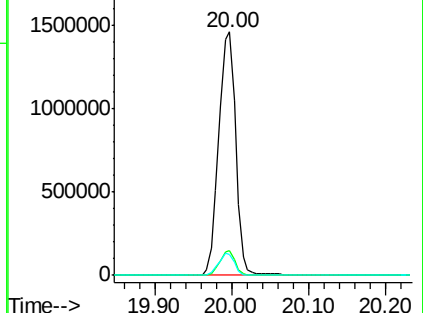
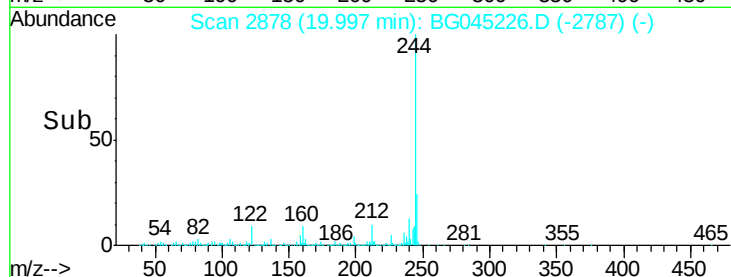
244 100

212 10.0 7.9 11.9

122 8.7 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: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG045226.D

Acq: 1 May 2020 21:38

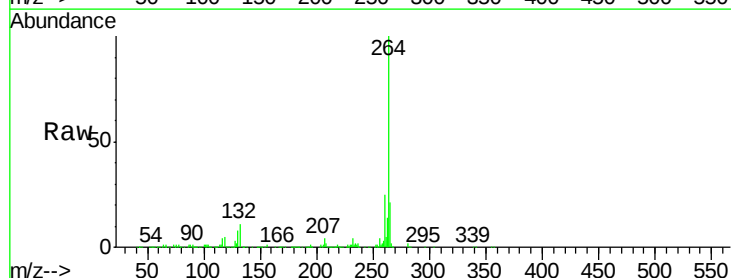
Tgt Ion:264 Resp: 505636

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 20.7 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

