

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045850.D
 Acq On : 24 Jun 2020 18:35
 Operator : CG/JU
 Sample : L3089-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RT

Quant Time: Jun 25 00:33:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

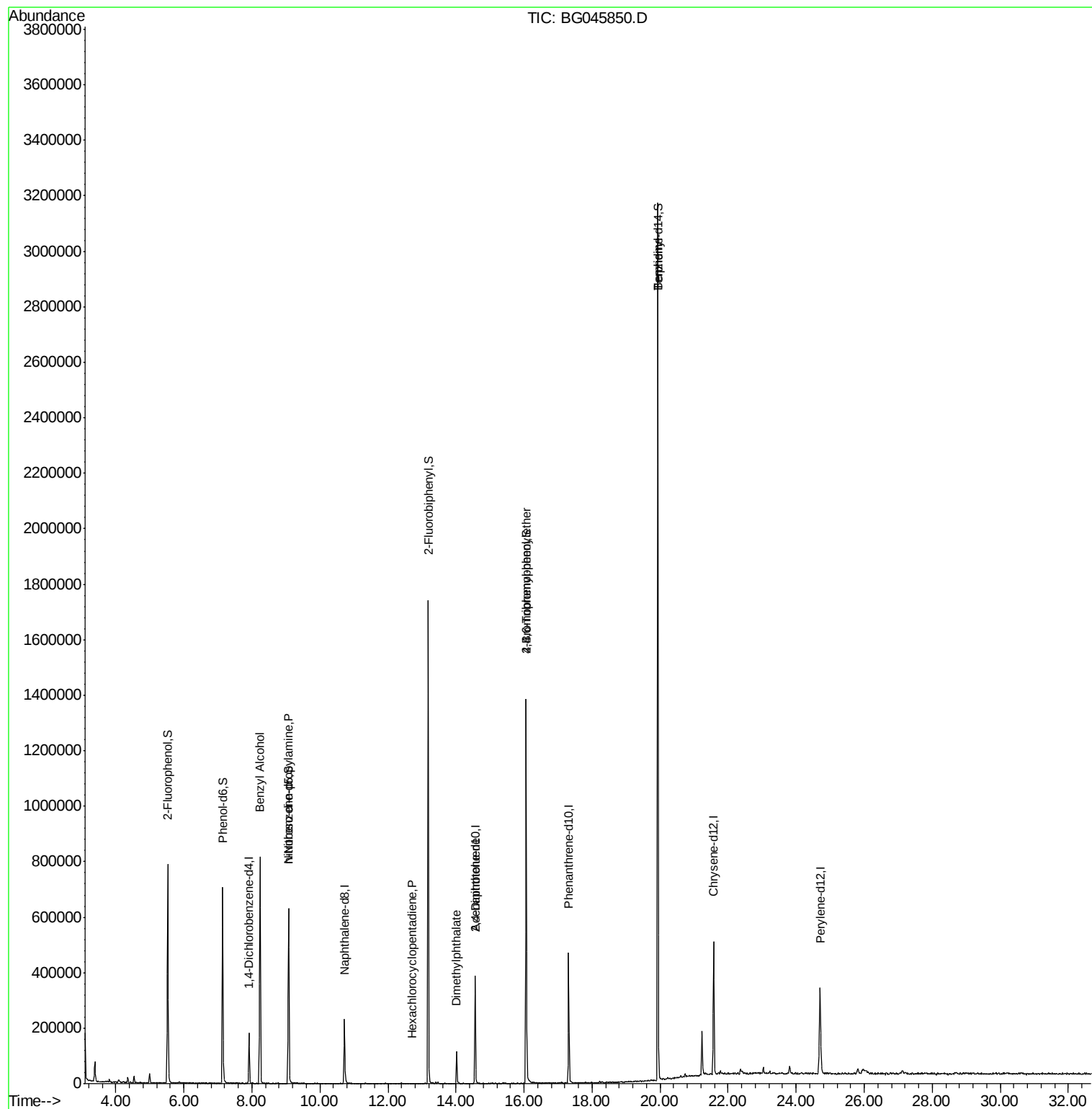
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55322	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	207924	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	147483	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	330171	20.00	ng	0.00
76) Chrysene-d12	21.57	240	316938	20.00	ng	0.00
86) Perylene-d12	24.70	264	338839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	378680	115.63	ng	-0.01
7) Phenol-d6	7.14	99	471440	94.64	ng	-0.03
23) Nitrobenzene-d5	9.08	82	434333	95.43	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	301005	135.19	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	963087	95.96	ng	0.00
79) Terphenyl-d14	19.93	244	1546372	98.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	8128	2.108	ng	# 67
19) n-Nitroso-di-n-propylamine	9.08	70	61334	18.728	ng	# 81
41) Hexachlorocyclopentadiene	12.72	237	58	8.438	ng	# 27
50) Dimethylphthalate	14.02	163	81689	7.070	ng	# 97
57) 2,4-Dinitrotoluene	14.56	165	18945	5.095	ng	# 21
67) 4-Bromophenyl-phenylether	16.07	248	20682	4.821	ng	# 1
77) Benzidine	19.93	184	29544	3.586	ng	# 92

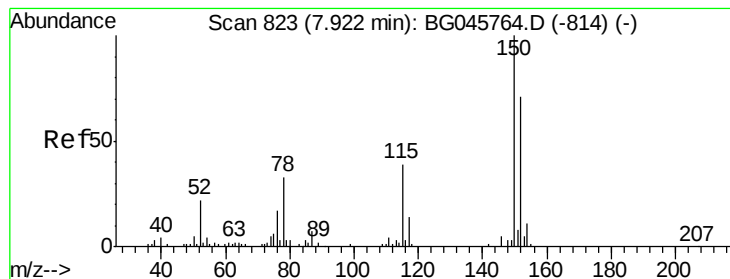
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 15 18:34:19 2020
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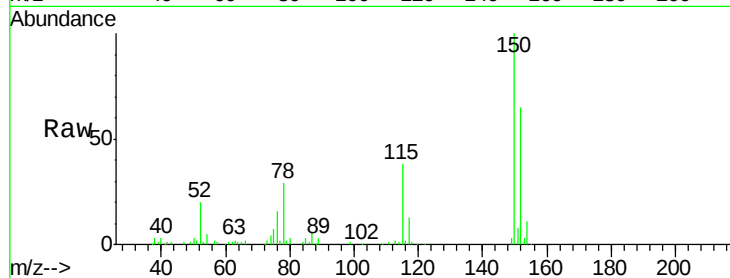


#1

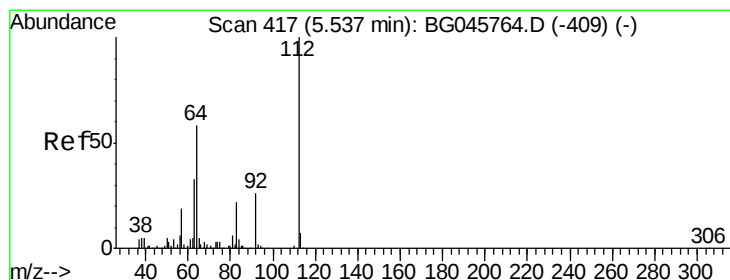
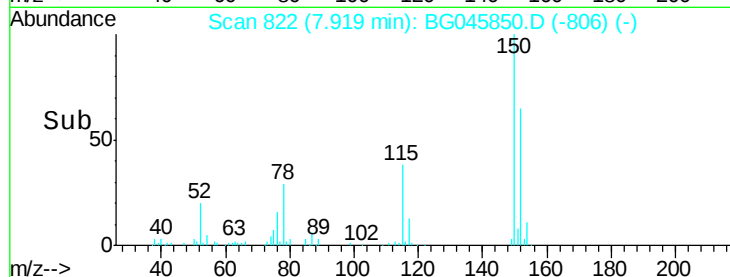
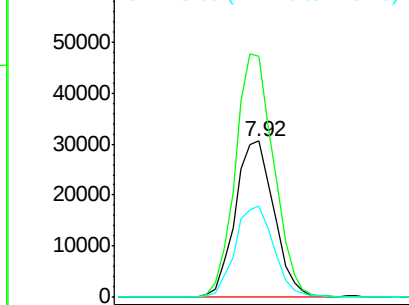
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Instrument :
BNA_G
ClientSampleId :
RB47184-RT

Tot Ion:152 Resp: 55322
Ion Ratio Lower Upper
152 100
150 154.3 113.1 169.7
115 58.0 43.8 65.6



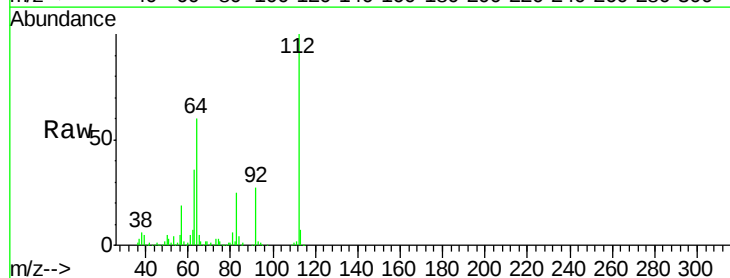
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



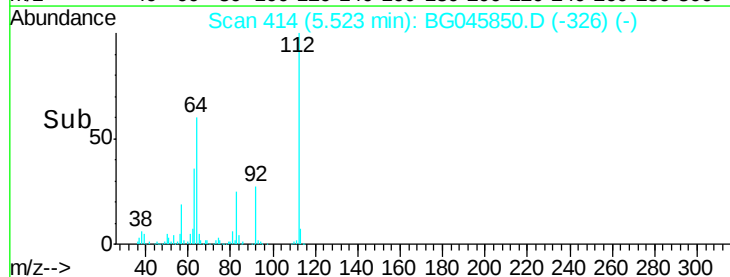
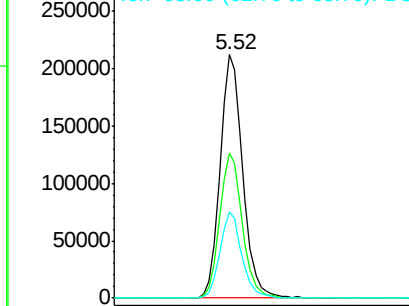
#5

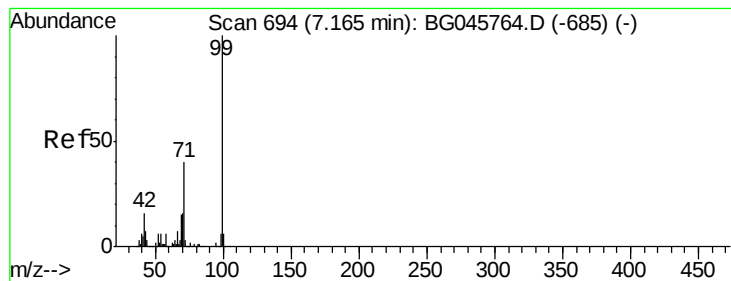
2-Fluorophenol
Concen: 115.628 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.01 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Tgt Ion:112 Resp: 378680
Ion Ratio Lower Upper
112 100
64 59.7 46.6 69.8
63 35.6 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.638 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

RB47184-RT

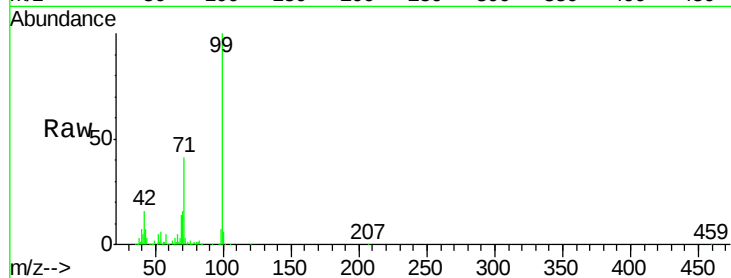
Tot Ion: 99 Resp: 471440

Ion Ratio Lower Upper

99 100

42 15.9 12.4 18.6

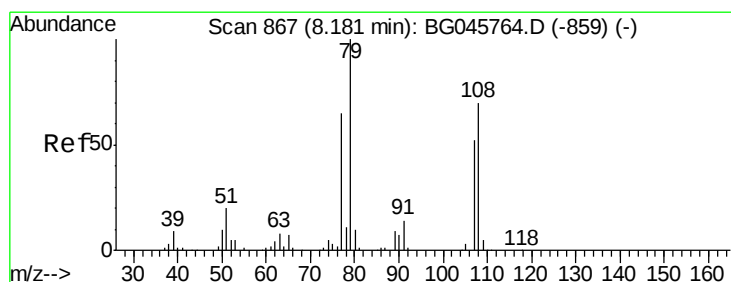
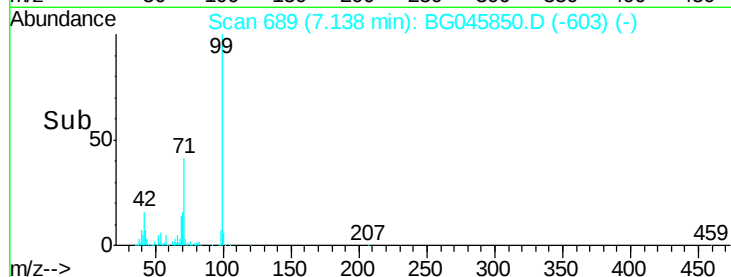
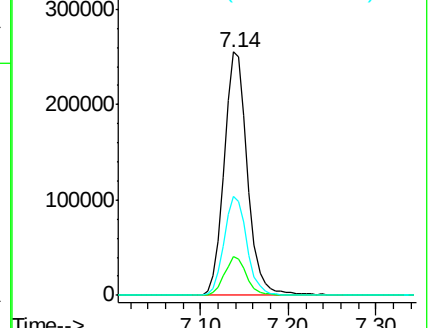
71 40.7 32.1 48.1



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



#15

Benzyl Alcohol

Concen: 2.108 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.06 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

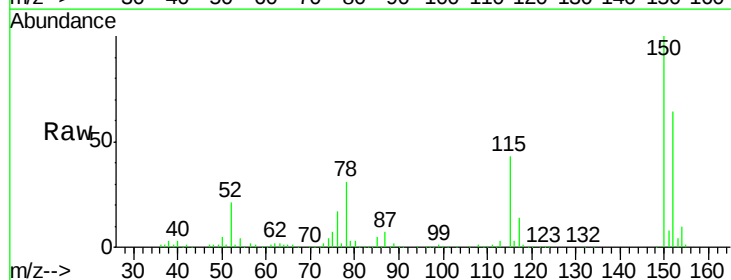
Tgt Ion: 79 Resp: 8128

Ion Ratio Lower Upper

79 100

108 31.8 56.2 84.4#

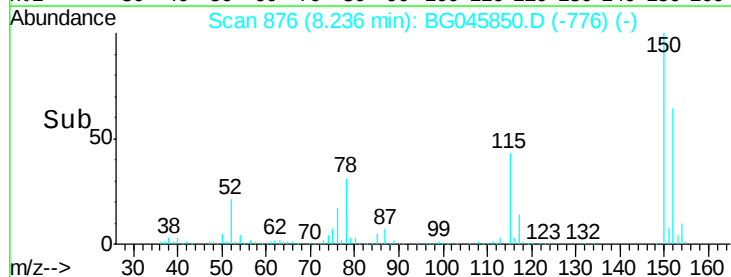
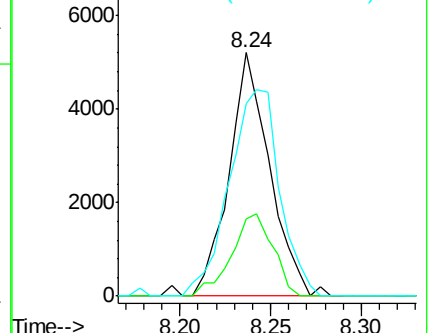
77 78.9 52.2 78.2#

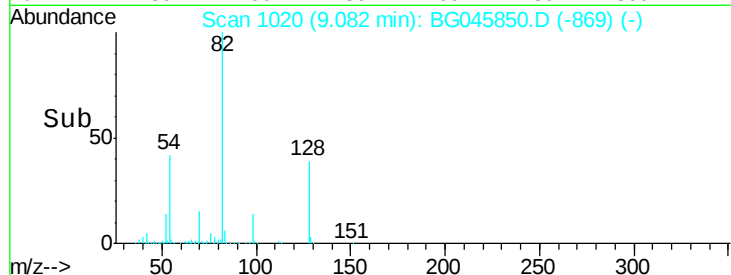
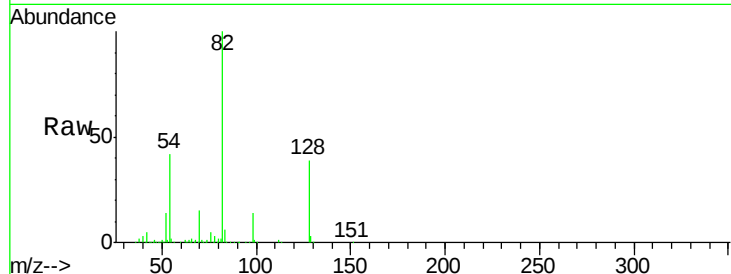
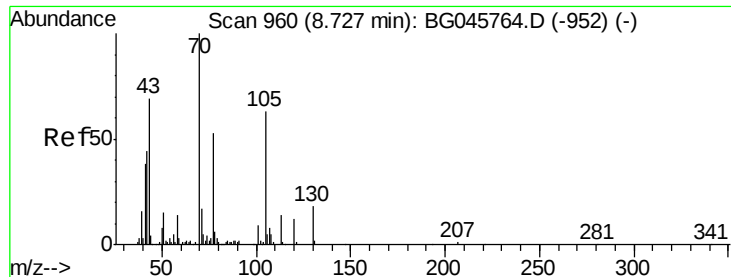


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

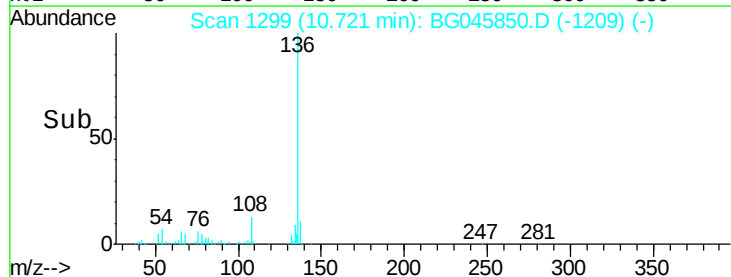
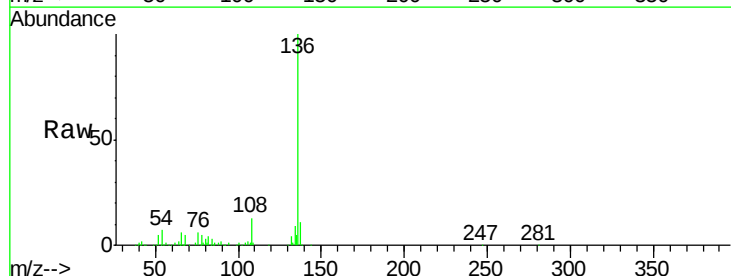
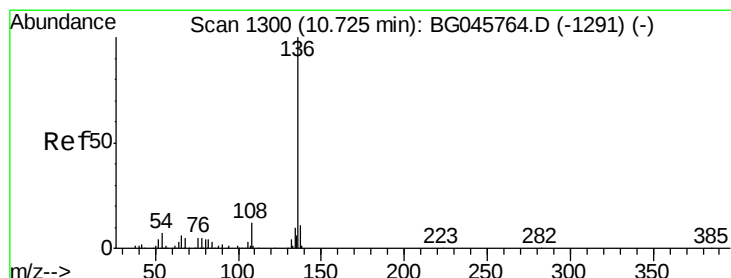
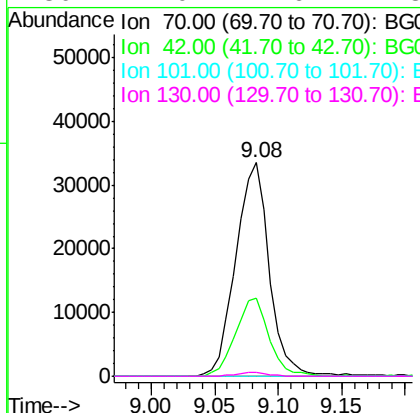




#19
n-Nitroso-di-n-propylamine
Concen: 18.728 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.36 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

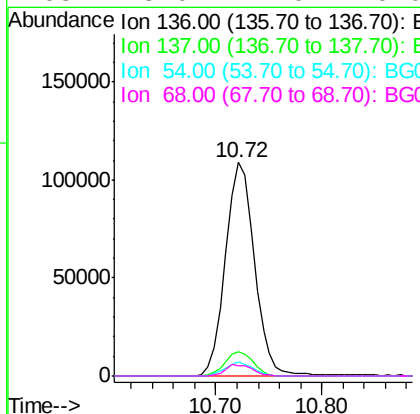
Instrument :
BNA_G
ClientSampleId :
RB47184-RT

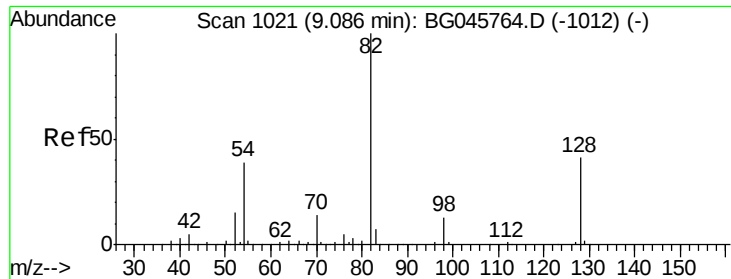
Tot Ion: 70 Resp: 61334
Ion Ratio Lower Upper
70 100
42 36.7 35.1 52.7
101 0.0 7.4 11.0#
130 2.0 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Tgt Ion: 136 Resp: 207924
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 6.6 5.8 8.6
68 5.0 4.0 6.0

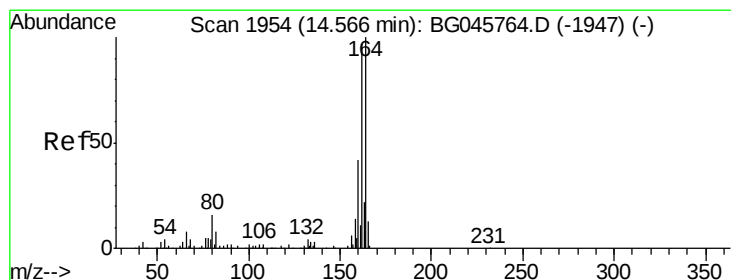
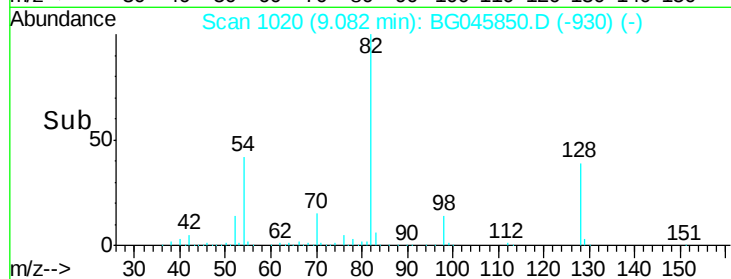
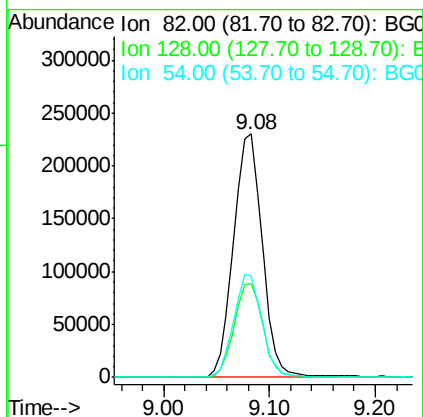
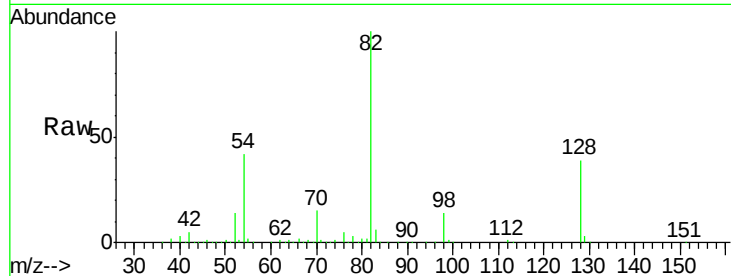




#23
Nitrobenzene-d5
Concen: 95.428 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

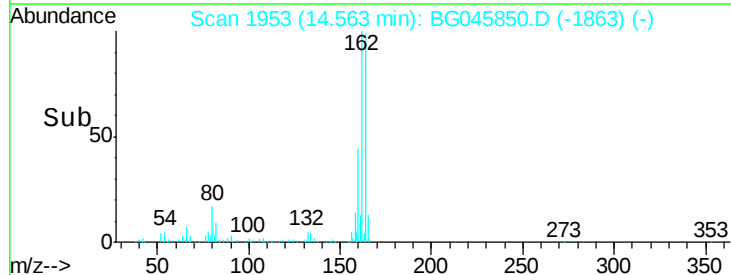
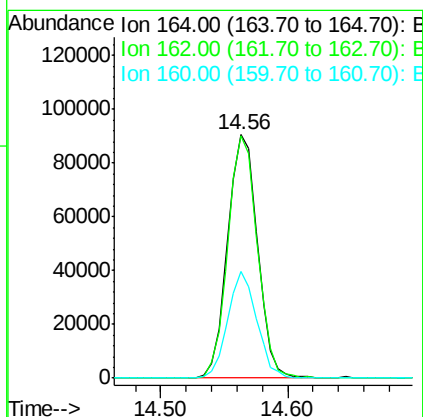
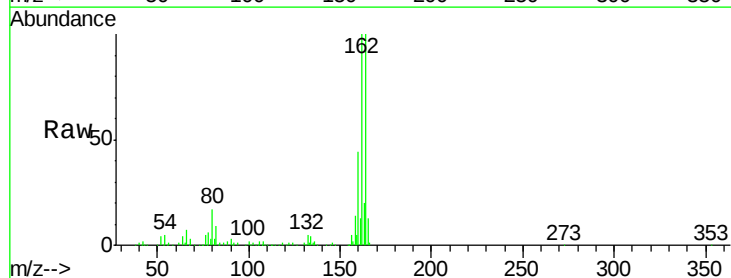
Instrument :
BNA_G
ClientSampleId :
RB47184-RT

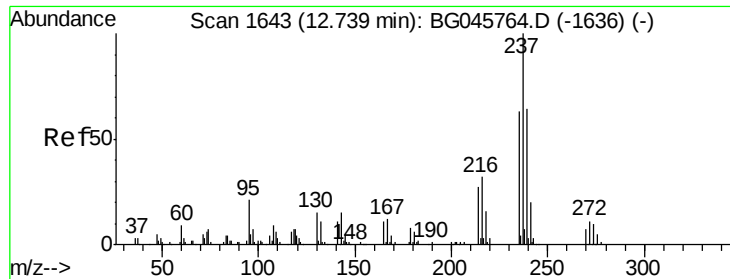
Tot Ion	82	Resp	434333
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.5	48.7
54	41.8	31.2	46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Tgt Ion	164	Resp	147483
Ion Ratio	Lower	Upper	
164	100		
162	99.7	77.4	116.0
160	43.9	33.3	49.9





#41

Hexachlorocyclopentadiene

Concen: 8.438 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

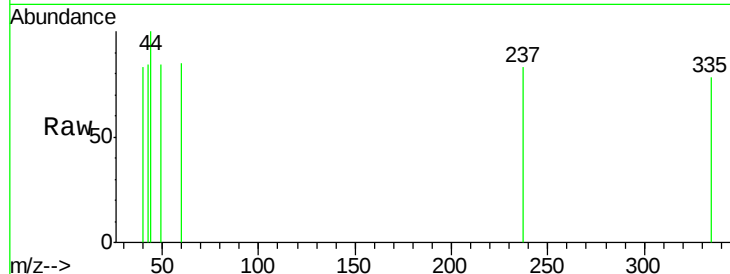
Instrument :

BNA_G

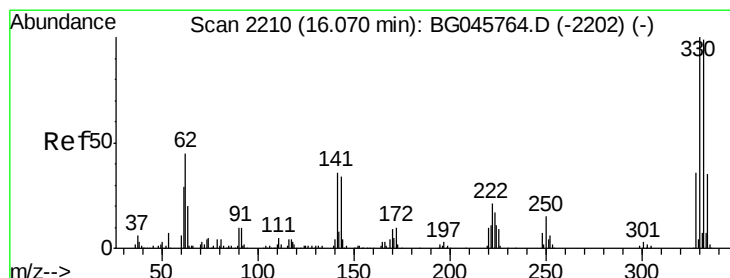
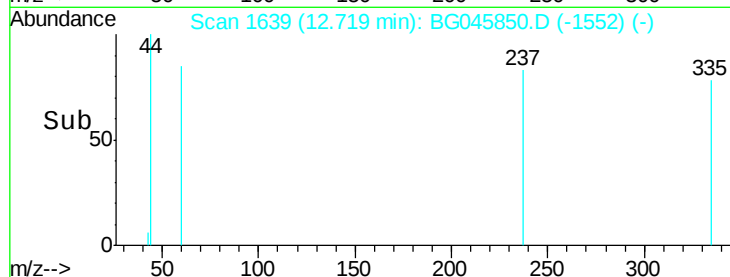
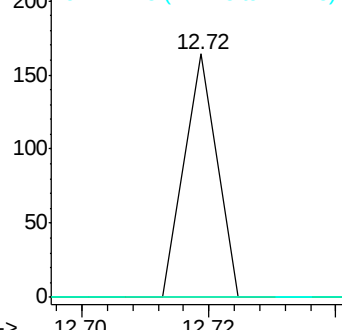
ClientSampleId :

RB47184-RT

Tot Ion:	237	Resp:	58
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.9	82.9#
272	0.0	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.185 ng

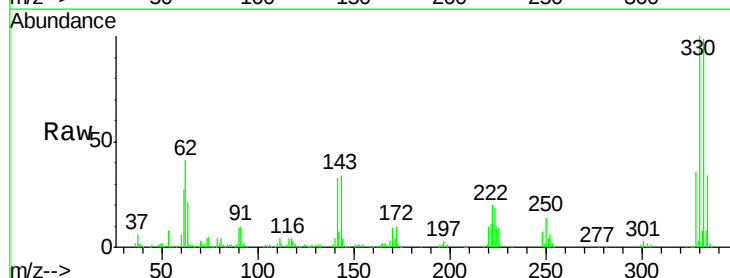
RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

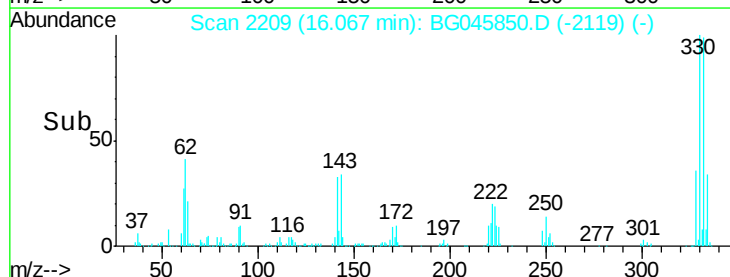
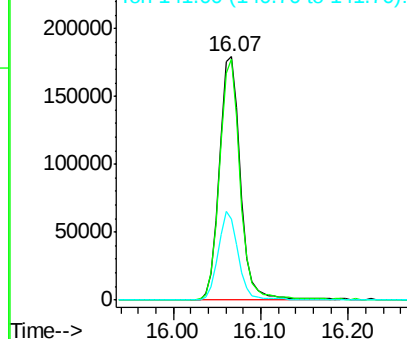
Lab File: BG045850.D

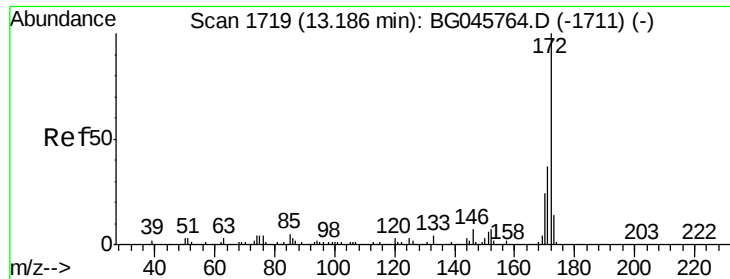
Acq: 24 Jun 2020 18:35

Tgt Ion:	330	Resp:	301005
Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	117.8
141	34.7	28.2	42.4



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

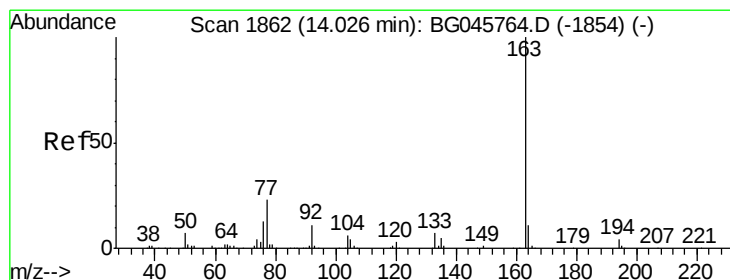
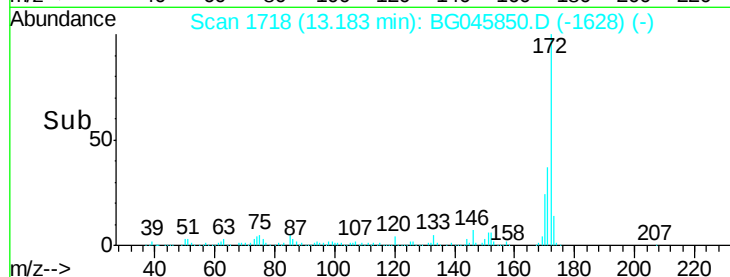
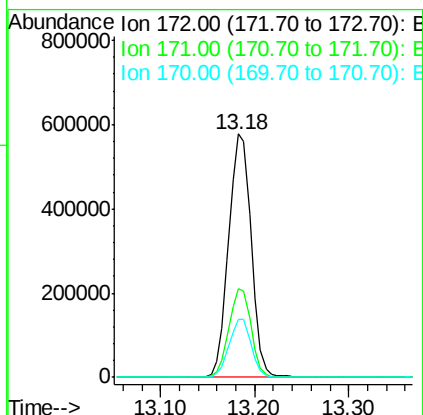
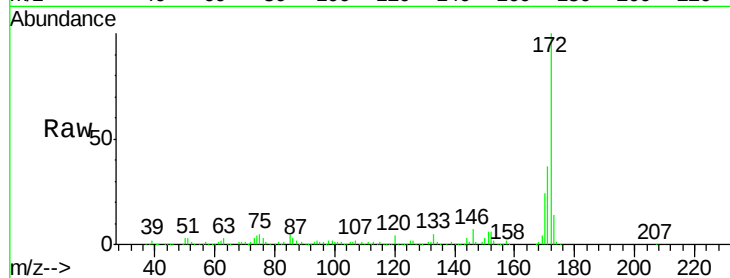




#45
2-Fluorobiphenyl
Concen: 95.964 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

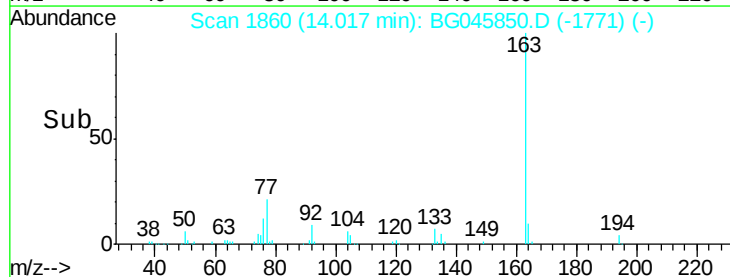
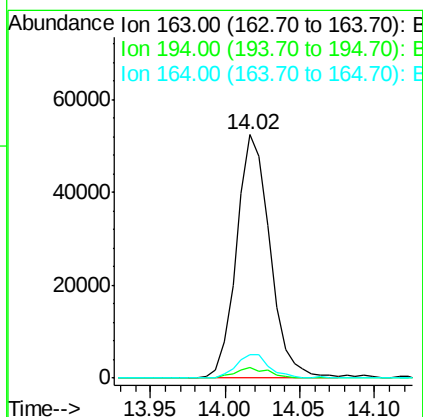
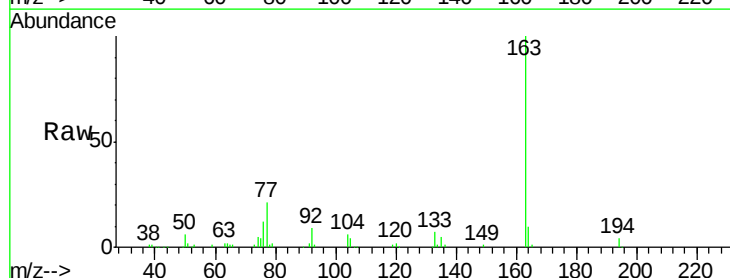
Instrument :
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ClientSampleId :
RB47184-RT

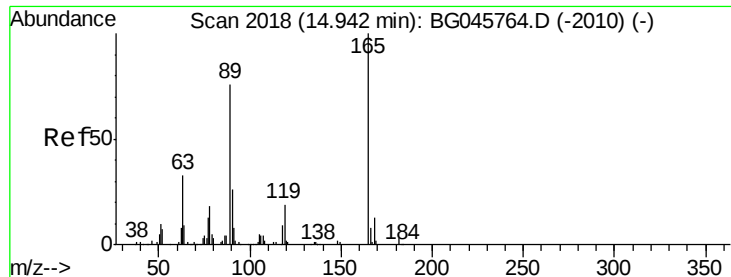
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	23.9	19.3	28.9



#50
Dimethylphthalate
Concen: 7.070 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.6	8.9	13.3

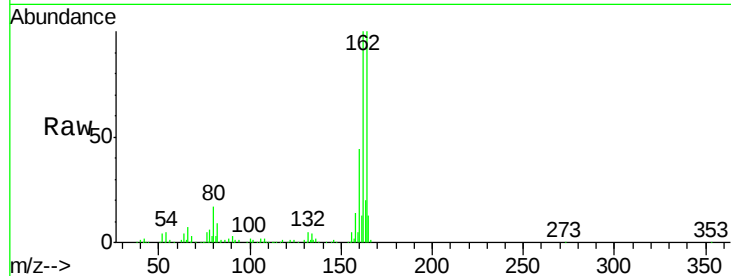




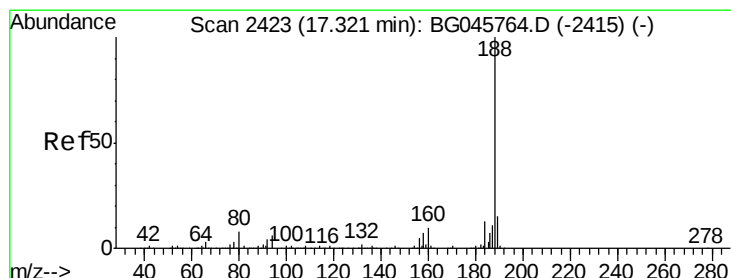
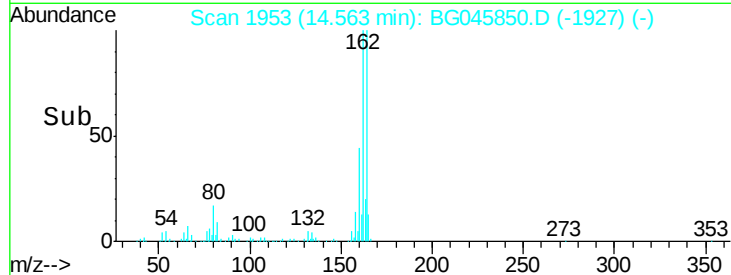
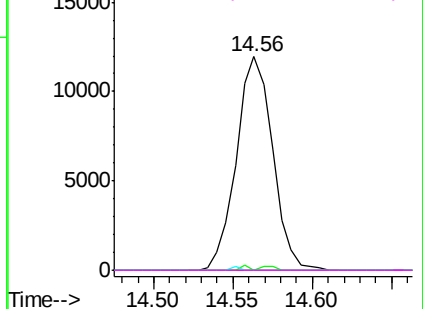
#57
 2,4-Dinitrotoluene
 Concen: 5.095 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.38 min
 Lab File: BG045850.D
 Acq: 24 Jun 2020 18:35

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RT

Tot Ion:165 Resp: 18945
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.8#
 89 0.0 60.4 90.6#
 182 0.0 2.6 3.8#

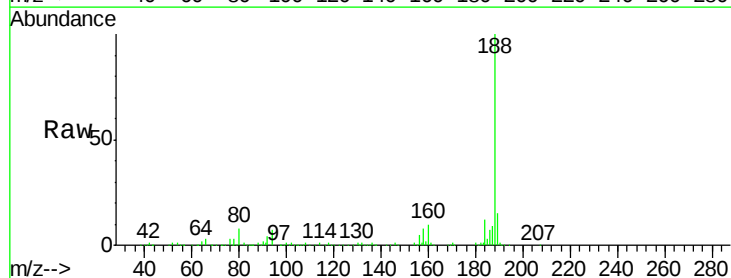


Abundance Ion 165.00 (164.70 to 165.70): E

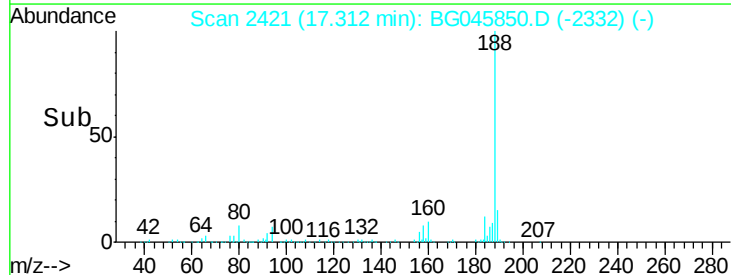
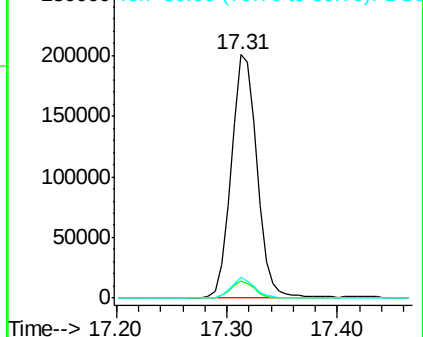


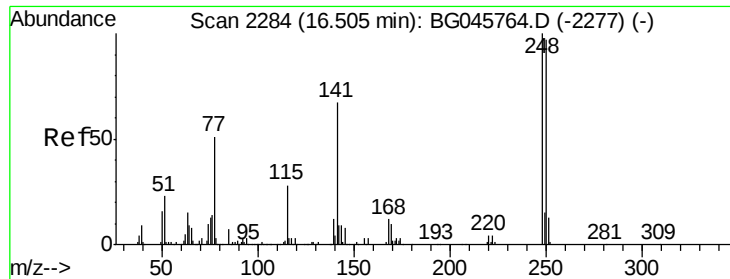
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BG045850.D
 Acq: 24 Jun 2020 18:35

Tgt Ion:188 Resp: 330171
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.1 7.7
 80 8.5 6.2 9.4



Abundance Ion 188.00 (187.70 to 188.70): E

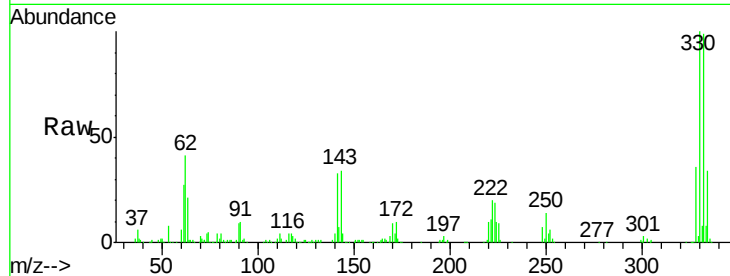




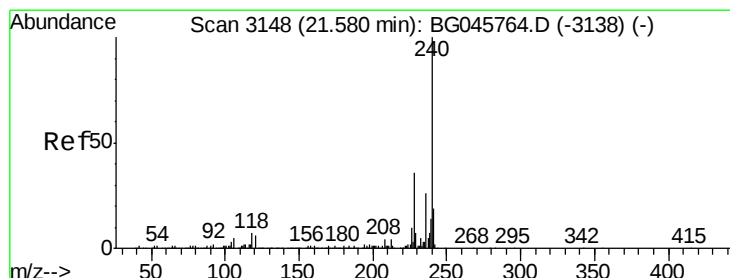
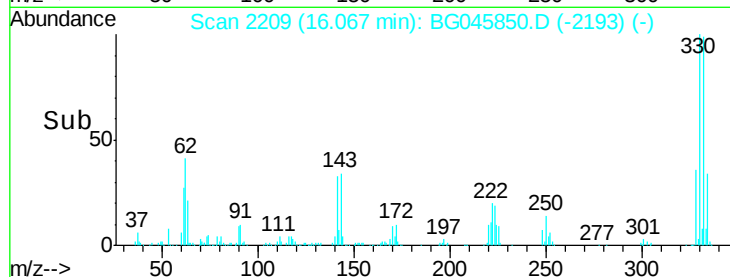
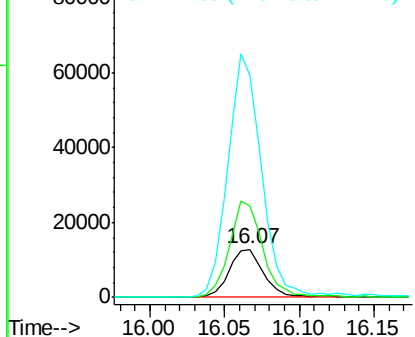
#67
4-Bromophenyl-phenylether
Concen: 4.821 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.44 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Instrument :
BNA_G
ClientSampleId :
RB47184-RT

Tot Ion:248 Resp: 20682
Ion Ratio Lower Upper
248 100
250 189.9 78.0 117.0#
141 464.2 53.9 80.9#

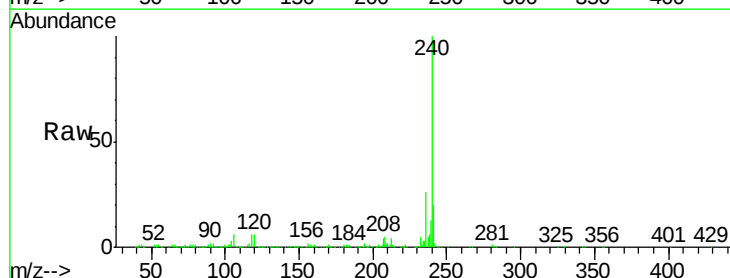


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

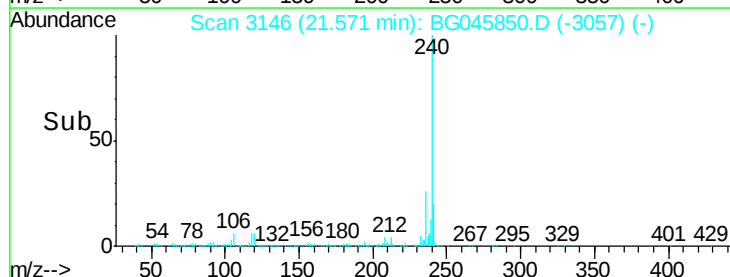
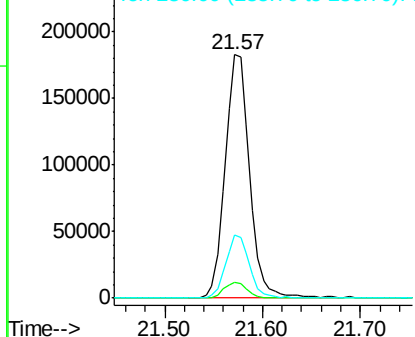


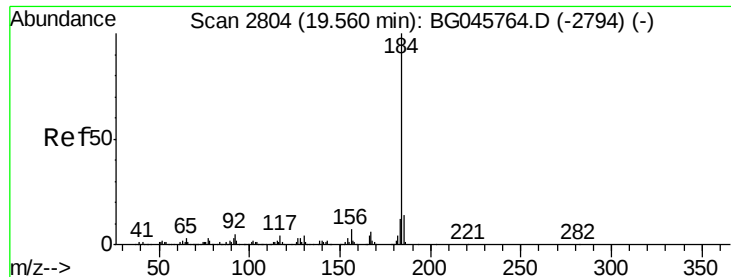
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Tgt Ion:240 Resp: 316938
Ion Ratio Lower Upper
240 100
120 6.2 5.0 7.4
236 26.0 20.6 30.8



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: 3.586 ng

RT: 19.93 min Scan# 2867

Delta R.T. 0.37 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

RB47184-RT

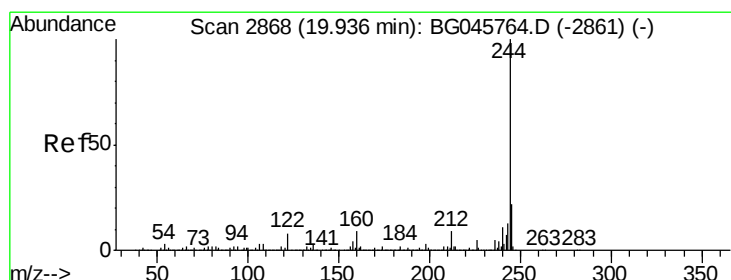
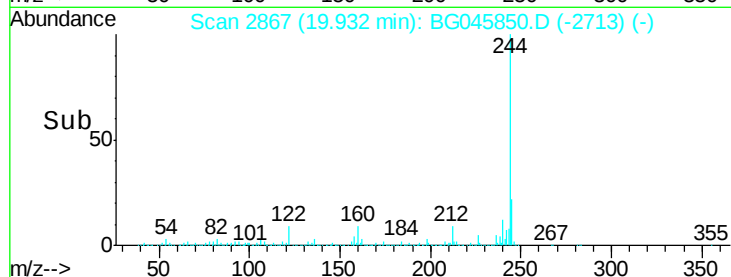
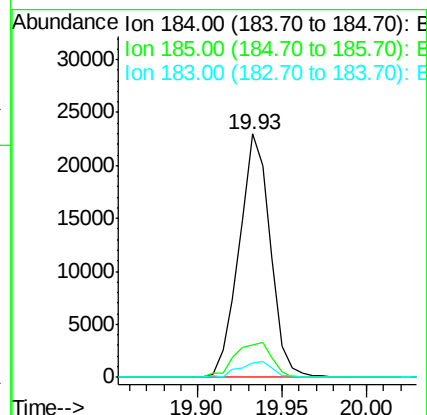
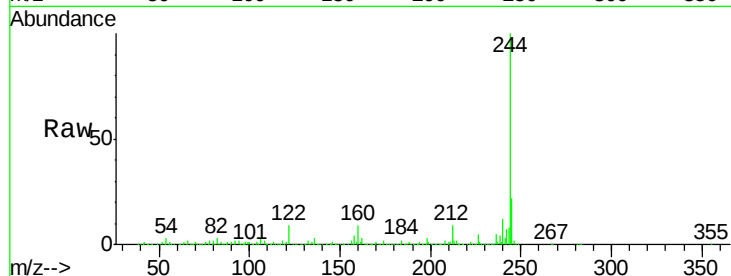
Tot Ion:184 Resp: 29544

Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

183 6.2 9.7 14.5#



#79

Terphenyl-d14

Concen: 98.880 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

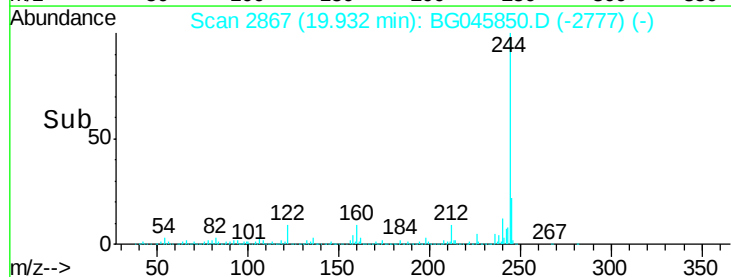
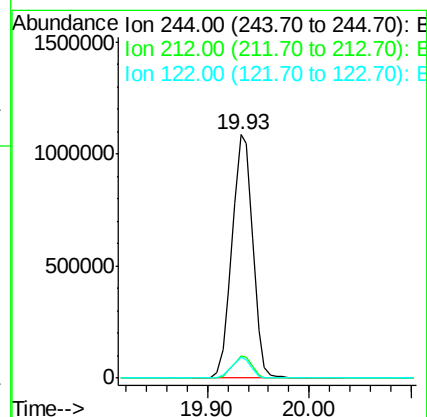
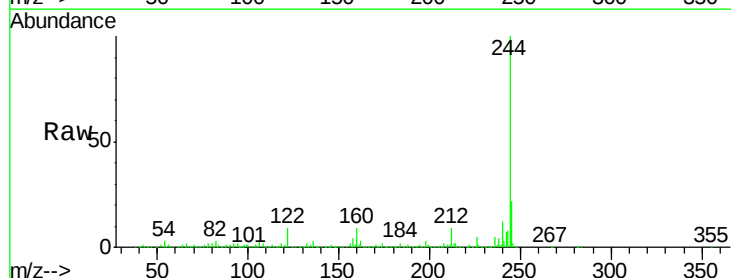
Tgt Ion:244 Resp: 1546372

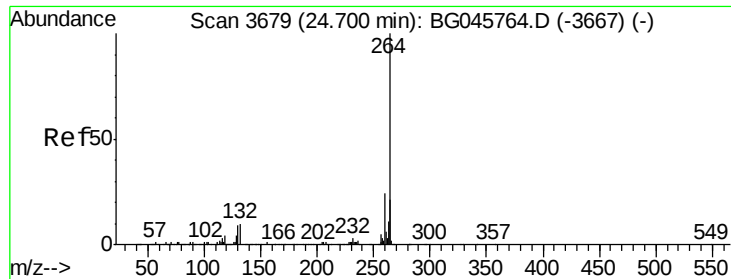
Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

122 8.6 6.4 9.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Instrument :
BNA_G
ClientSampleId :
RB47184-RT

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.4
265	21.4	17.4	26.0

