

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045924.D
 Acq On : 2 Jul 2020 21:25
 Operator : CG/JU
 Sample : L3172-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1-SS

Quant Time: Jul 03 00:38:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

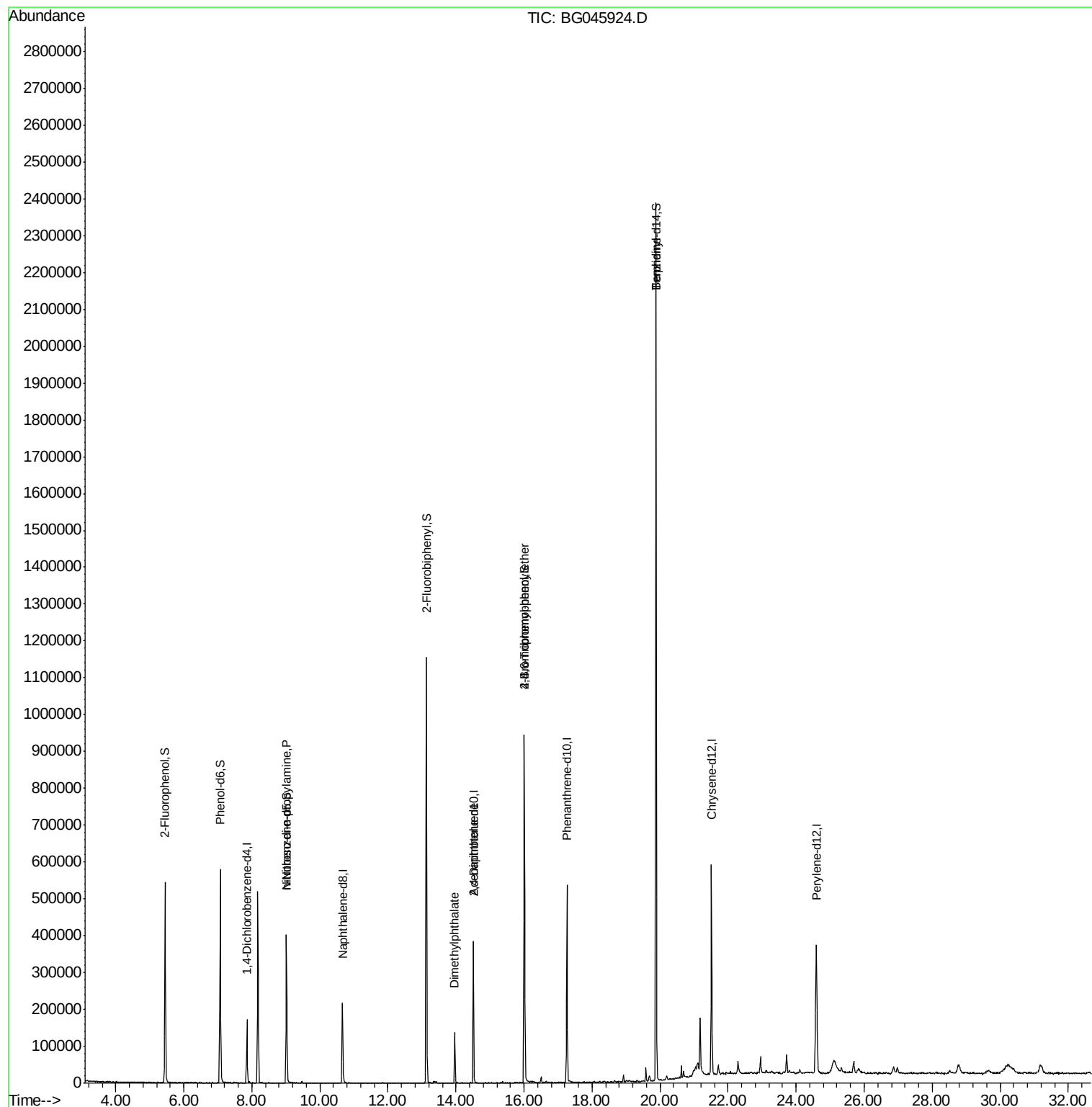
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	50628	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	197424	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	142365	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	337343	20.00	ng	0.00
76) Chrysene-d12	21.51	240	350860	20.00	ng	0.00
86) Perylene-d12	24.59	264	363097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	256246	85.50	ng	0.00
7) Phenol-d6	7.07	99	367823	80.68	ng	0.00
23) Nitrobenzene-d5	9.02	82	267306	61.85	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	189682	88.25	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	626862	64.71	ng	0.00
79) Terphenyl-d14	19.89	244	1188837	68.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	36044	12.026	ng	Qvalue # 85
50) Dimethylphthalate	13.96	163	89280	8.005	ng	98
57) 2,4-Dinitrotoluene	14.51	165	17955	5.003	ng	# 22
67) 4-Bromophenyl-phenylether	16.01	248	13199	3.011	ng	# 1
77) Benzidine	19.89	184	22357	2.451	ng	# 92

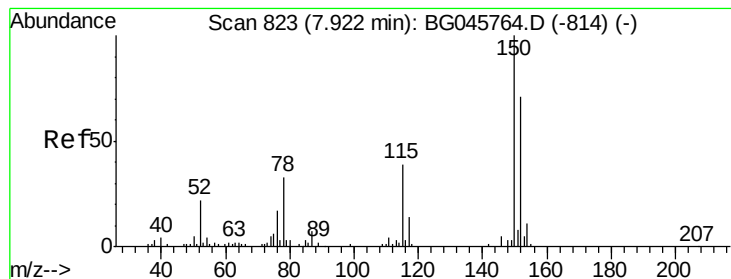
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 02 14:02:29 2020
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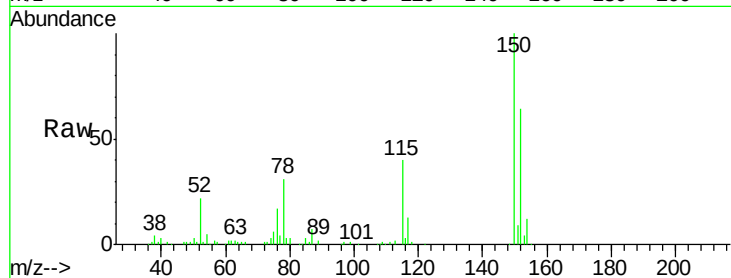


#1

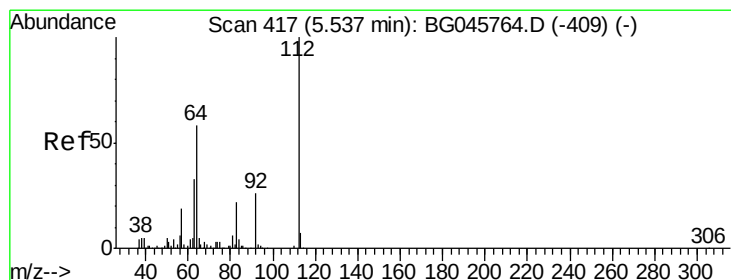
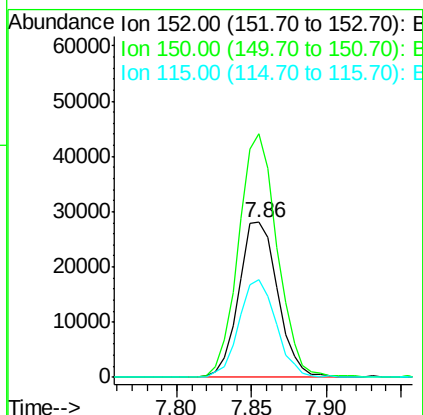
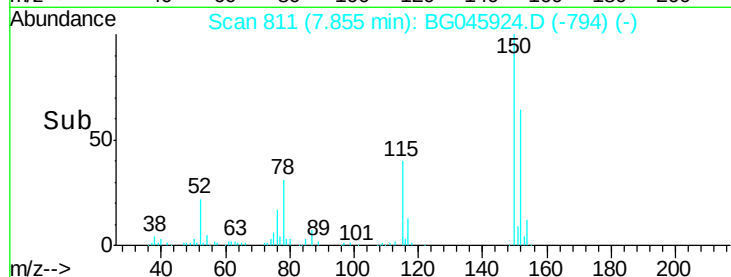
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Instrument :
BNA_G
ClientSampleId :
TP1-SS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.5	186.7
115	63.0	45.8	68.8



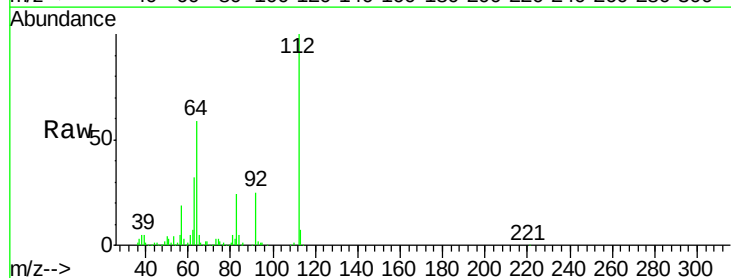
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



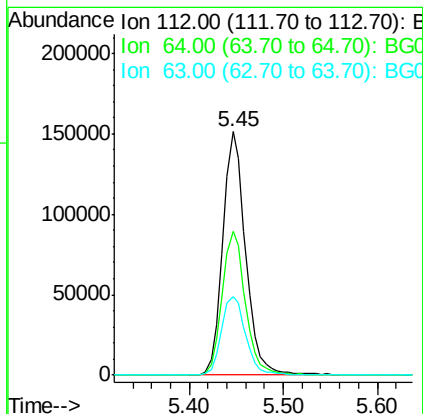
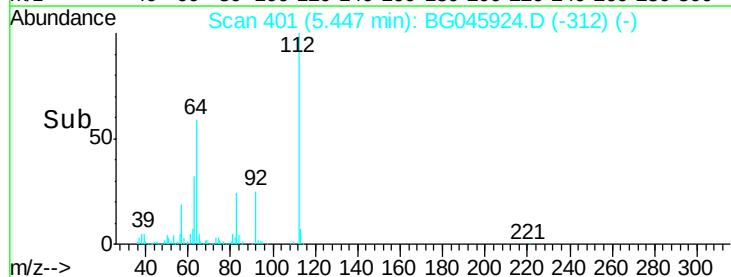
#5

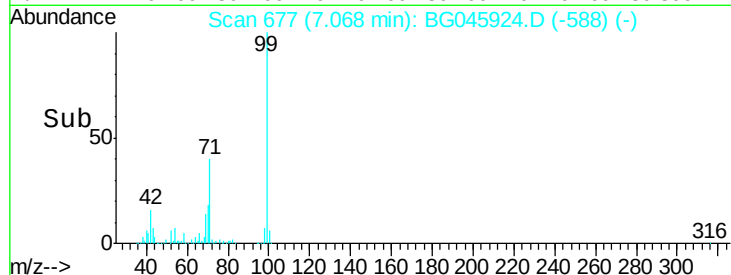
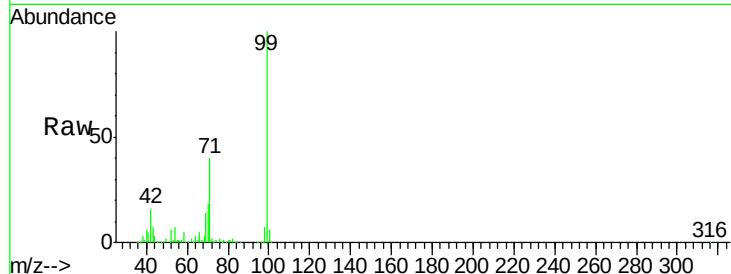
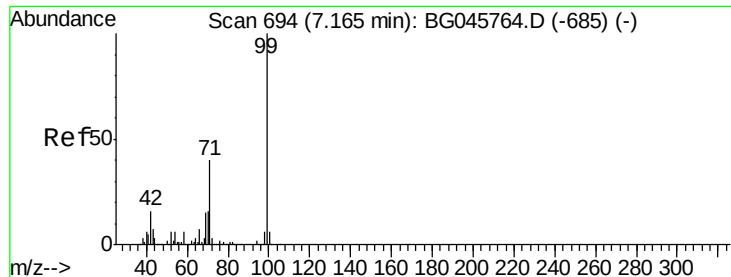
2-Fluorophenol
Concen: 85.498 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.9	67.3
63	32.1	26.9	40.3



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: 80.683 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045924.D

Acq: 2 Jul 2020 21:25

Instrument :

BNA_G

ClientSampled :

TP1-SS

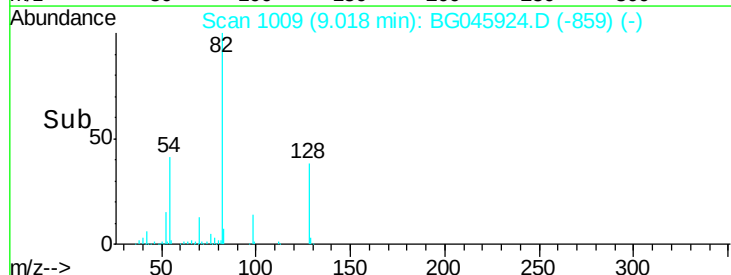
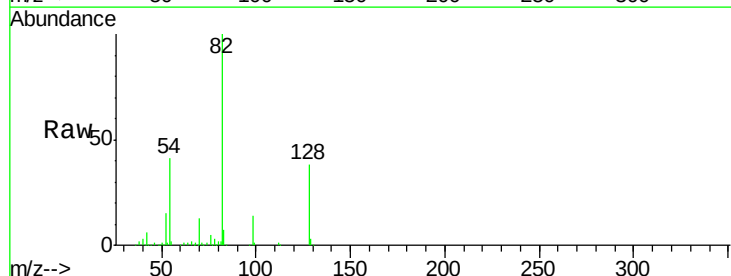
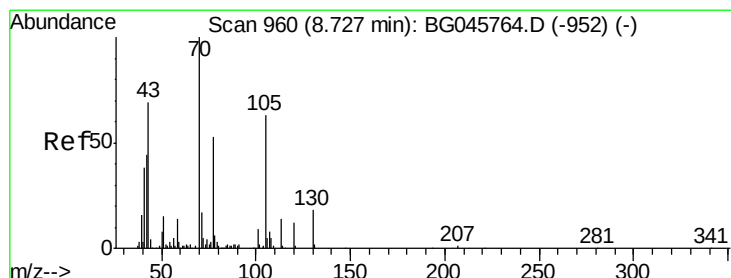
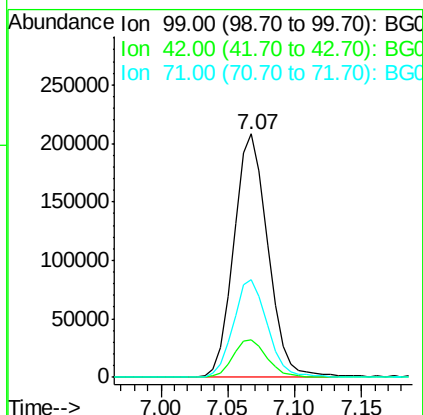
Tot Ion: 99 Resp: 367823

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

71 40.4 31.0 46.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.026 ng

RT: 9.02 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG045924.D

Acq: 2 Jul 2020 21:25

Tgt Ion: 70 Resp: 36044

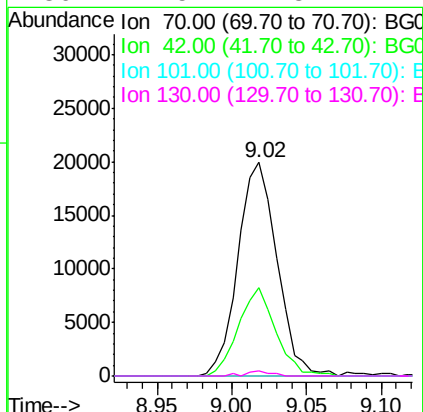
Ion Ratio Lower Upper

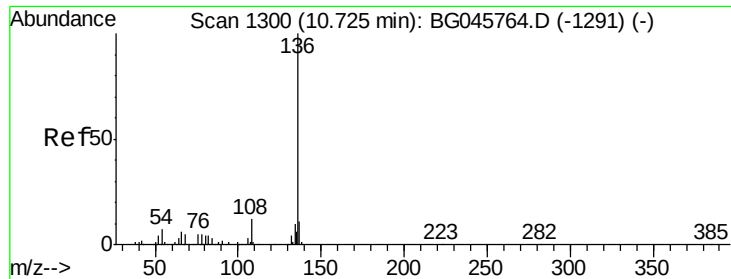
70 100

42 41.6 35.6 53.4

101 0.0 6.6 10.0#

130 2.5 14.8 22.2#

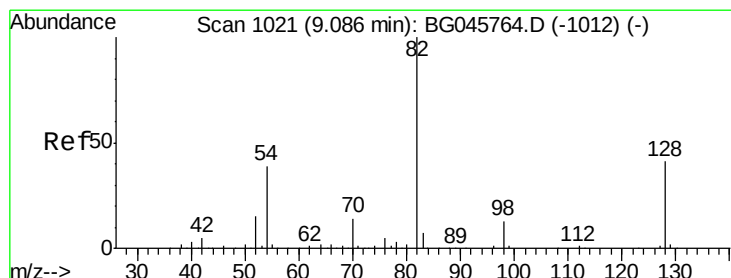
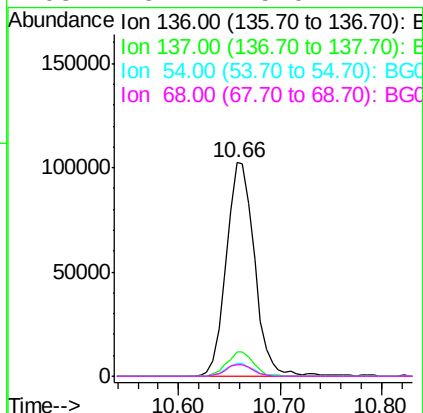
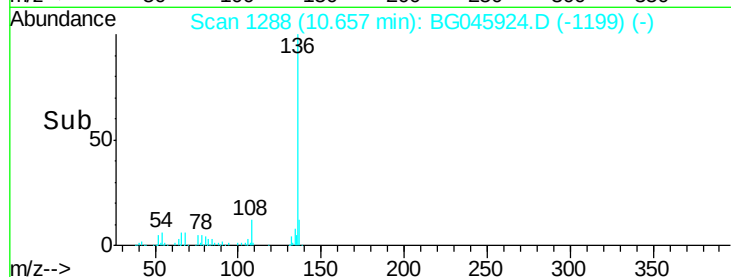
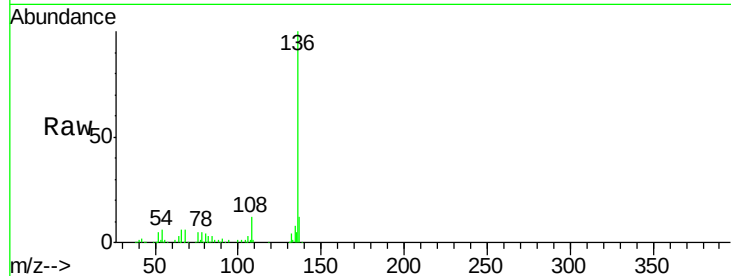




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

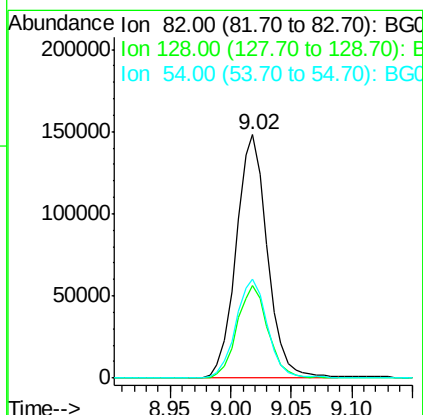
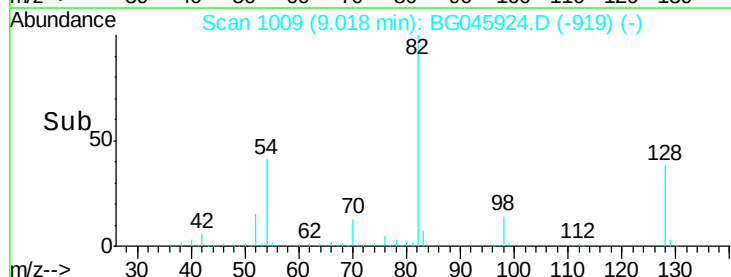
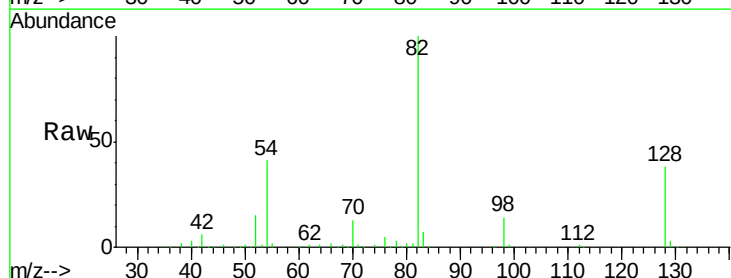
Instrument :
BNA_G
ClientSampleId :
TP1-SS

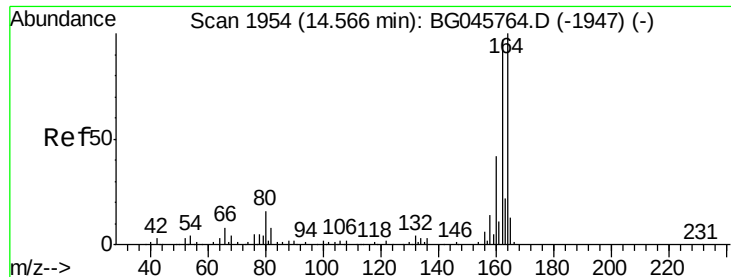
Tot Ion:136	Resp:	197424
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.2 12.4
54	6.1	4.6 7.0
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 61.854 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Tgt Ion: 82	Resp:	267306
Ion	Ratio	Lower Upper
82	100	
128	38.1	29.9 44.9
54	40.9	33.3 49.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045924.D

Acq: 2 Jul 2020 21:25

Instrument :

BNA_G

ClientSampleId :

TP1-SS

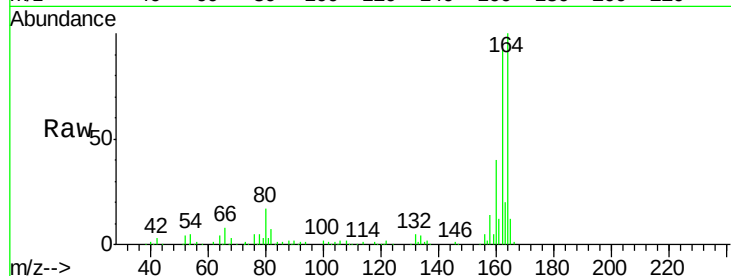
Tot Ion:164 Resp: 142365

Ion Ratio Lower Upper

164 100

162 92.1 78.8 118.2

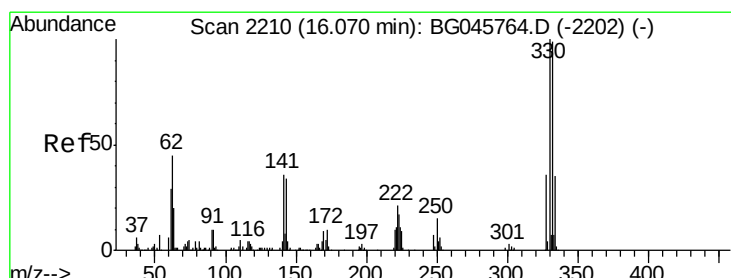
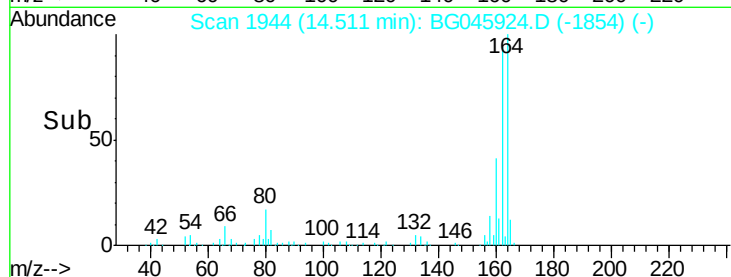
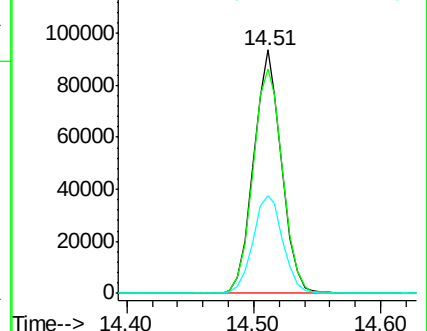
160 40.3 33.8 50.6



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: 88.251 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG045924.D

Acq: 2 Jul 2020 21:25

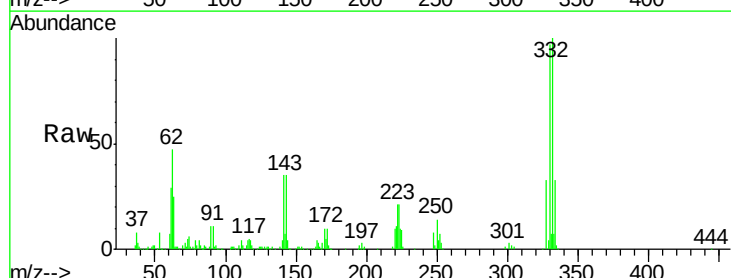
Tgt Ion:330 Resp: 189682

Ion Ratio Lower Upper

330 100

332 97.1 79.4 119.0

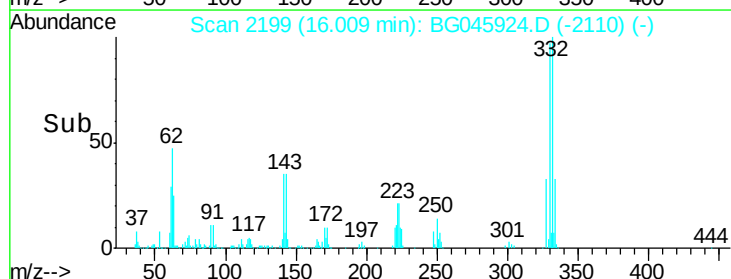
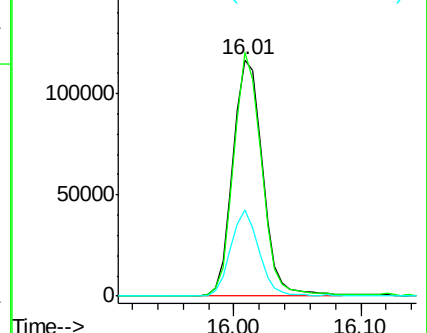
141 35.0 28.2 42.2

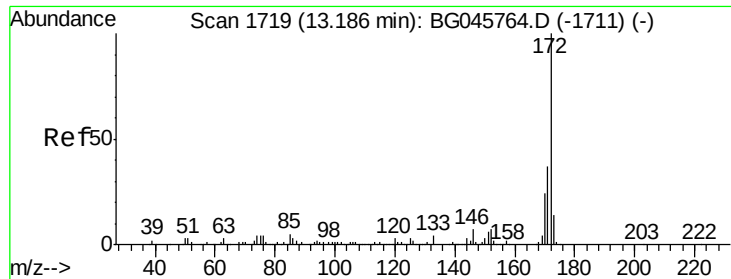


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

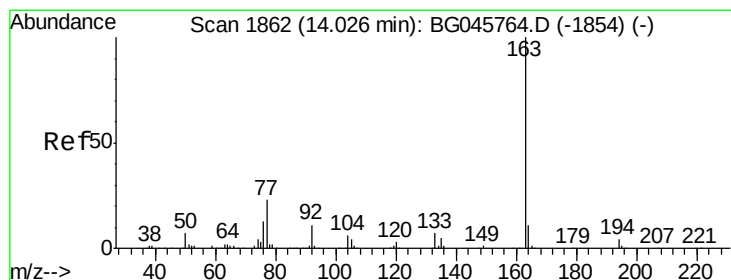
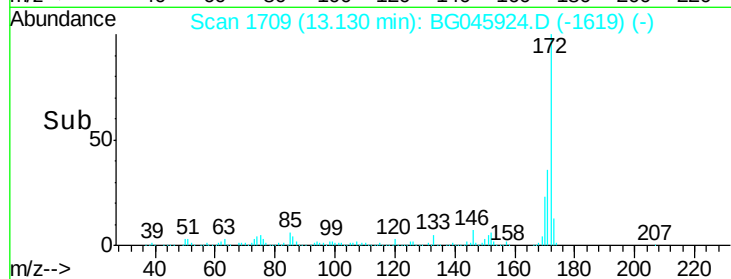
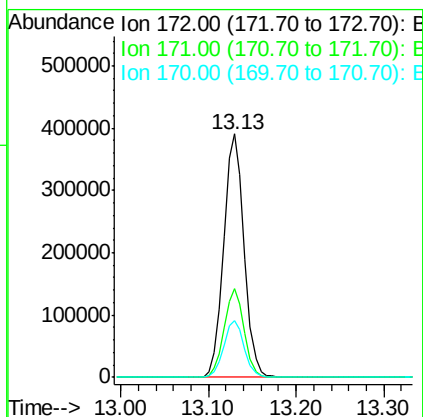
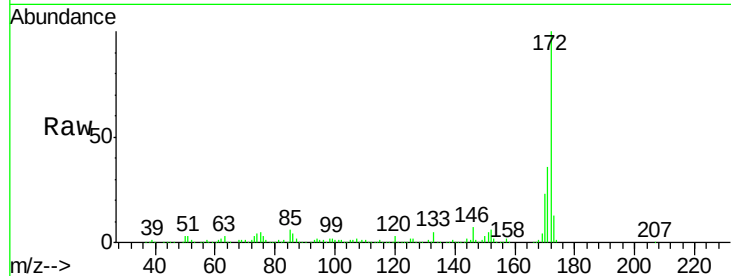




#45
2-Fluorobiphenyl
Concen: 64.708 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

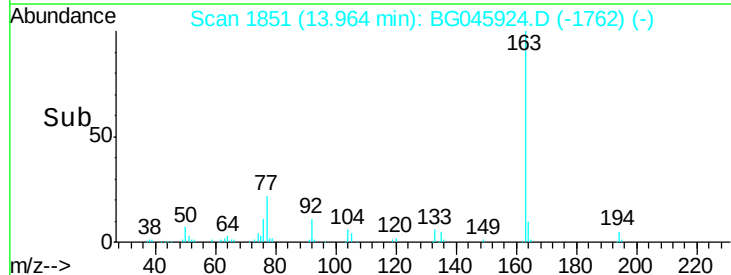
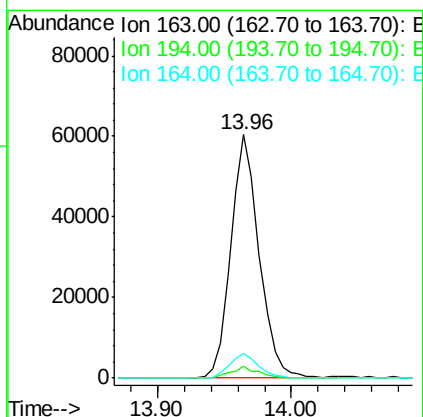
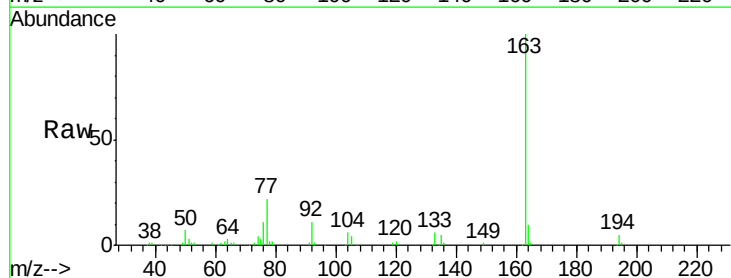
Instrument :
BNA_G
ClientSampleId :
TP1-SS

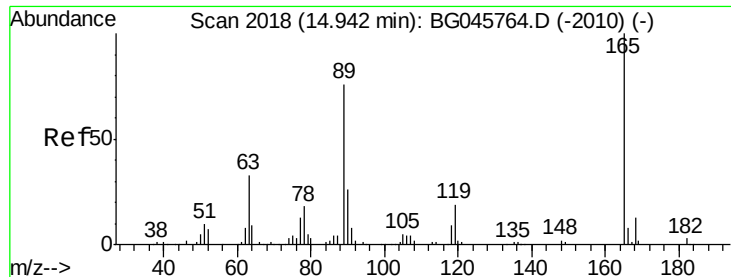
Tot Ion:172 Resp: 626862
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 8.005 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Tgt Ion:163 Resp: 89280
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 10.3 8.7 13.1

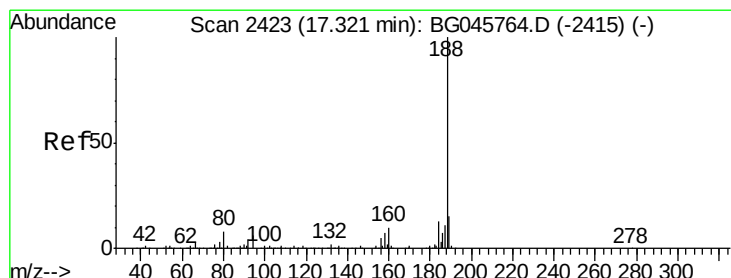
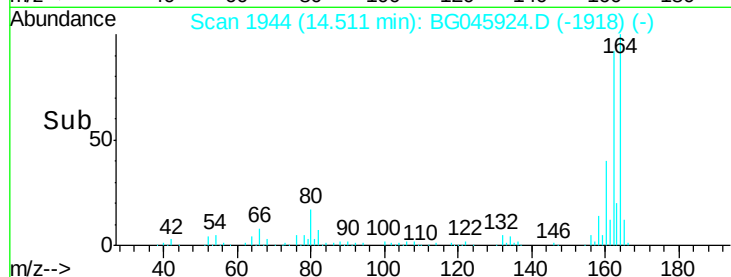
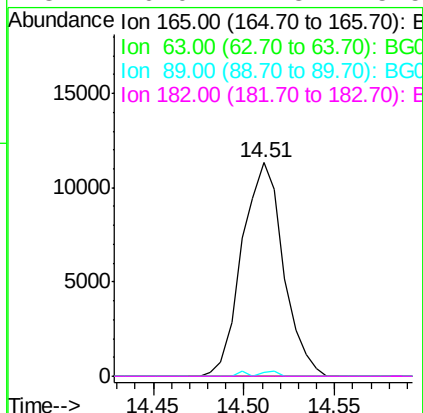
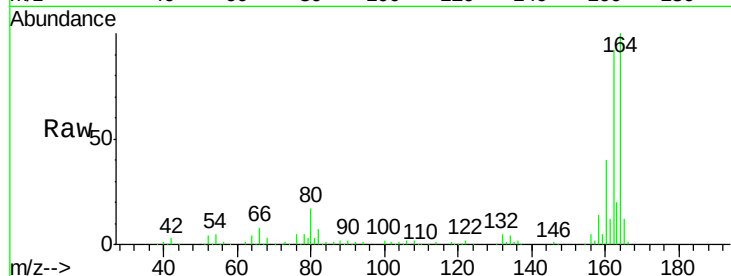




#57
 2,4-Dinitrotoluene
 Concen: 5.003 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

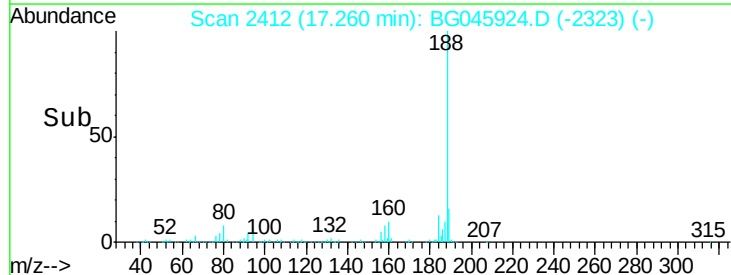
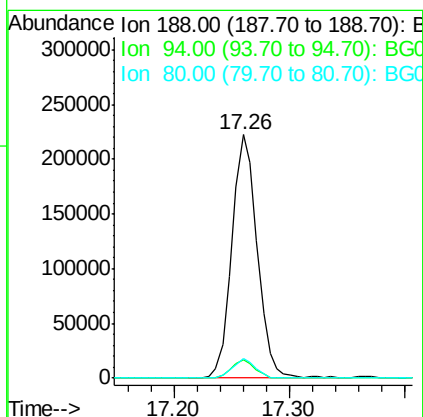
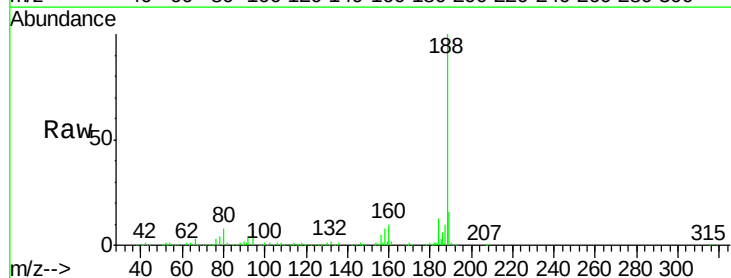
Instrument :
 BNA_G
 ClientSampleId :
 TP1-SS

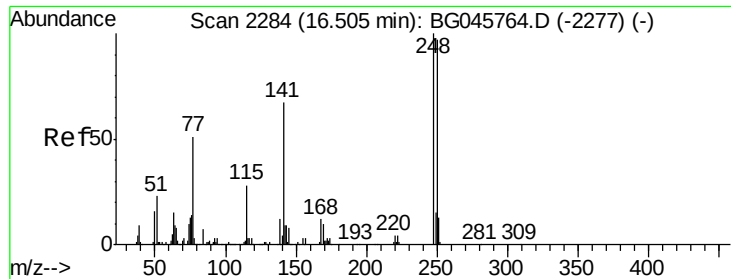
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.5	51.7#
89	1.9	60.8	91.2#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	8.0	6.1	9.1

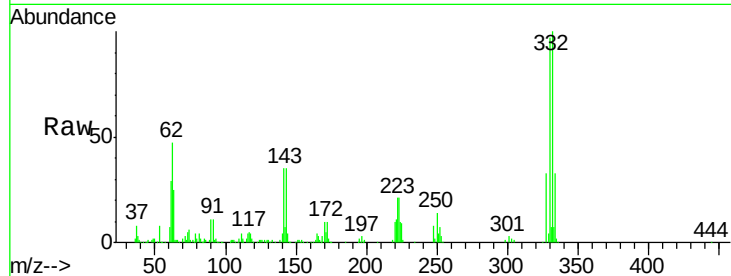




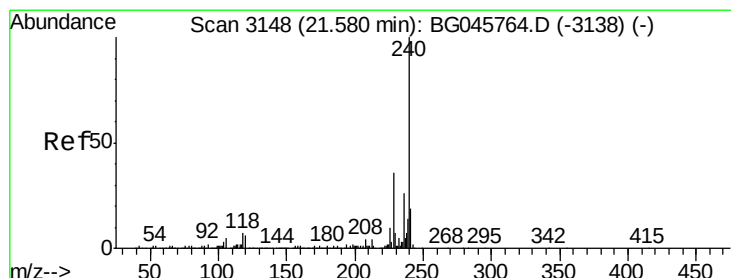
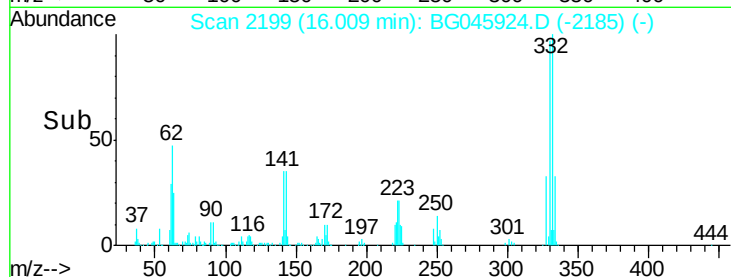
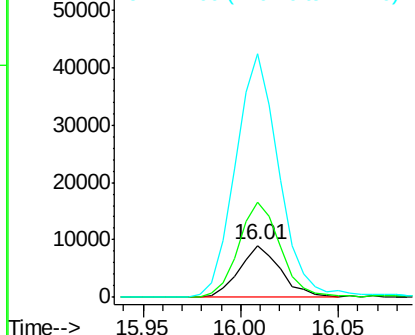
#67
 4-Bromophenyl-phenylether
 Concen: 3.011 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

Instrument :
 BNA_G
 ClientSampled :
 TP1-SS

Tot Ion:248 Resp: 13199
 Ion Ratio Lower Upper
 248 100
 250 183.2 77.2 115.8#
 141 468.4 52.6 79.0#

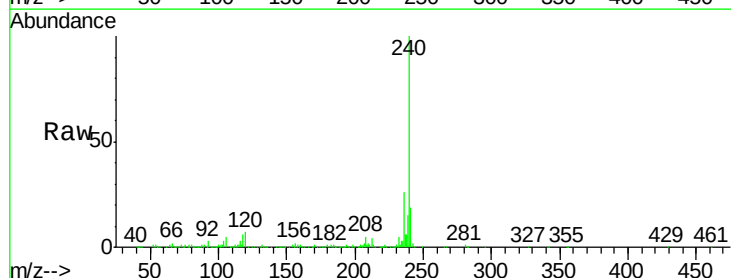


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

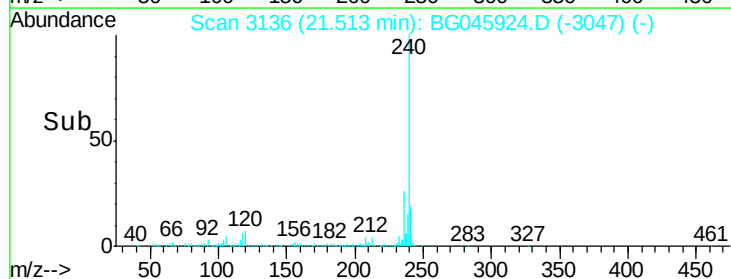
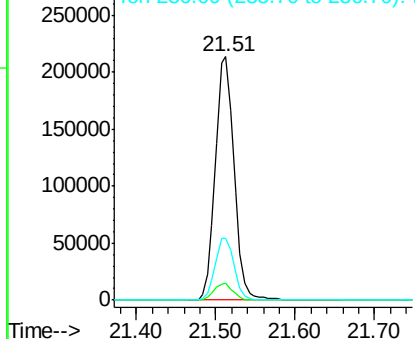


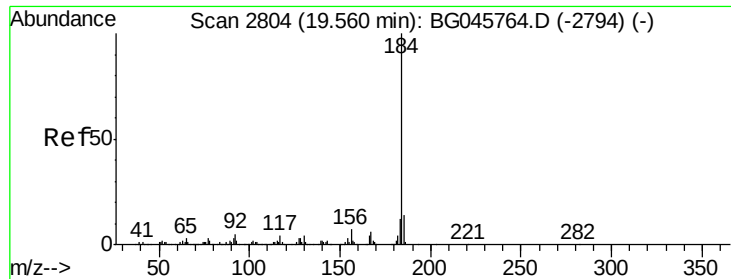
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

Tgt Ion:240 Resp: 350860
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.2 7.8
 236 25.7 20.8 31.2



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

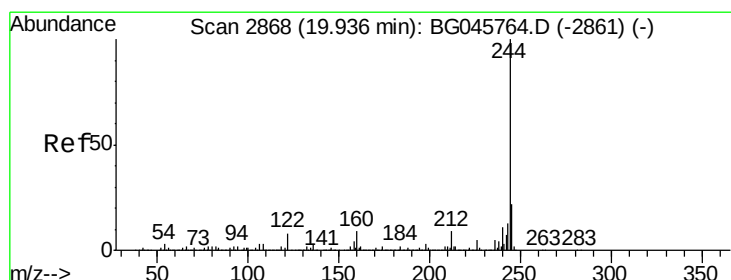
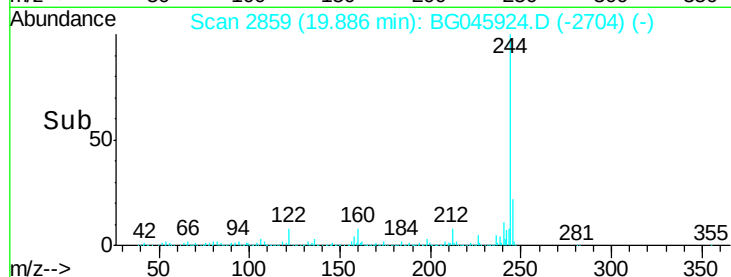
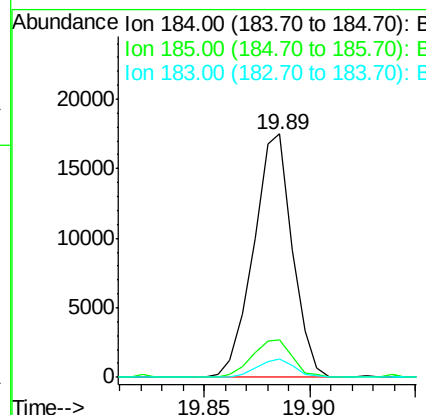
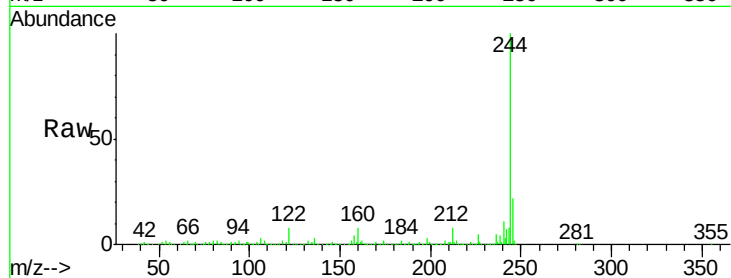




#77
Benzidine
Concen: 2.451 ng
RT: 19.89 min Scan# 2859
Delta R.T. 0.38 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

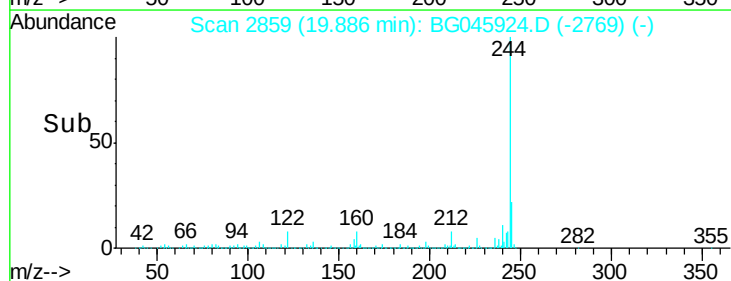
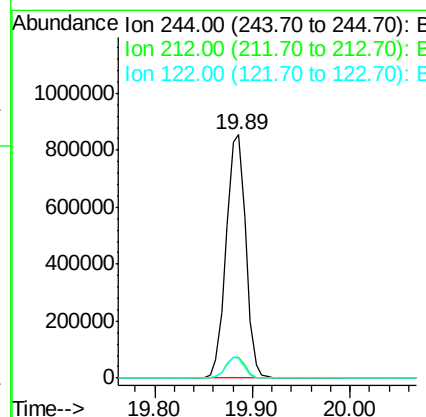
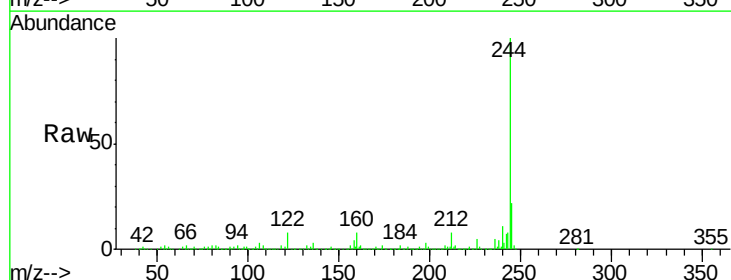
Instrument :
BNA_G
ClientSampleId :
TP1-SS

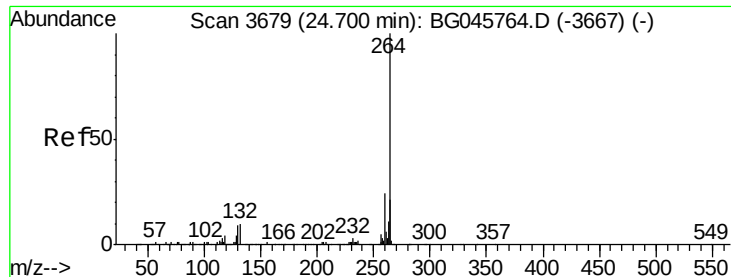
Tot Ion:184 Resp: 22357
Ion Ratio Lower Upper
184 100
185 15.2 11.1 16.7
183 7.7 10.6 15.8#



#79
Terphenyl-d14
Concen: 68.668 ng
RT: 19.89 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Tgt Ion:244 Resp: 1188837
Ion Ratio Lower Upper
244 100
212 8.4 7.0 10.6
122 8.0 6.6 9.8

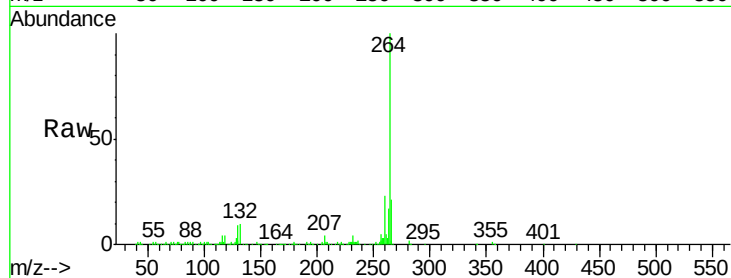




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Instrument :
BNA_G
ClientSampleId :
TP1-SS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.0	16.4	24.6



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

