

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047899.D
 Acq On : 8 Jan 2021 23:25
 Operator : CG/JU
 Sample : M1038-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Jan 09 00:59:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 11:19:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

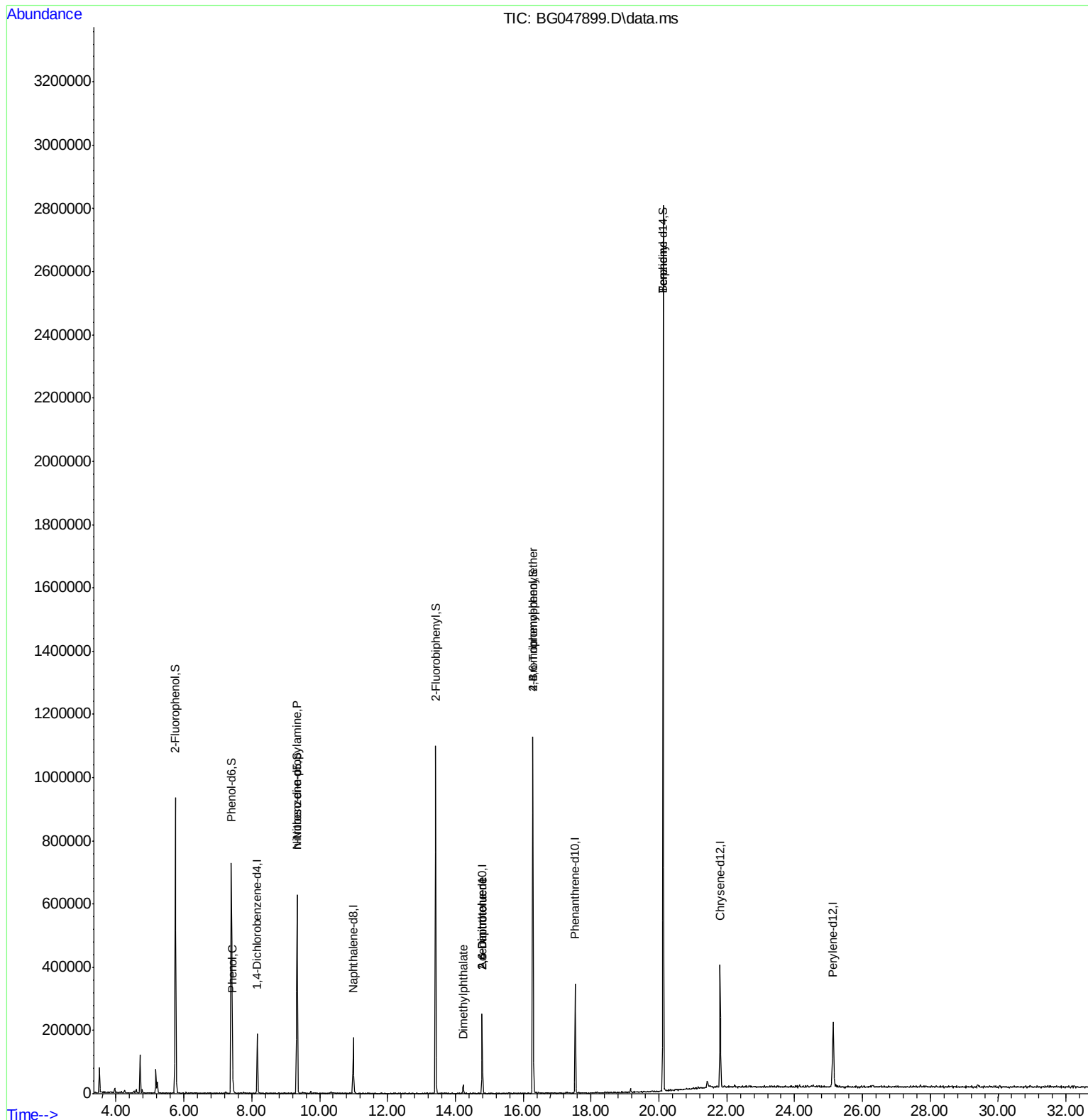
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	46880	20.00	ng	# 0.00
21) Naphthalene-d8	10.989	136	146132	20.00	ng	# 0.00
39) Acenaphthene-d10	14.791	164	86599	20.00	ng	0.00
64) Phenanthrene-d10	17.534	188	225041	20.00	ng	# 0.00
76) Chrysene-d12	21.806	240	246958	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	244606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.748	112	400175	147.67	ng	0.00
7) Phenol-d6	7.393	99	496460	125.32	ng	0.00
23) Nitrobenzene-d5	9.332	82	390519	98.29	ng	0.00
42) 2,4,6-Tribromophenol	16.283	330	214201	144.89	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	555413	82.99	ng	0.00
79) Terphenyl-d14	20.126	244	1167930	77.93	ng	0.00
Target Compounds						
10) Phenol	7.429	94	32002	8.91	ng	# 34
19) n-Nitroso-di-n-propyla...	9.332	70	58062	21.06	ng	# 72
50) Dimethylphthalate	14.232	163	16799	2.25	ng	97
51) 2,6-Dinitrotoluene	14.791	165	11439	7.54	ng	# 34
57) 2,4-Dinitrotoluene	14.791	165	11439	5.07	ng	# 32
67) 4-Bromophenyl-phenylether	16.283	248	15770	5.21	ng	# 1
70) Pentachlorophenol	17.123	266	63	Below Cal		# 19
77) Benzidine	20.126	184	24282	3.66	ng	99

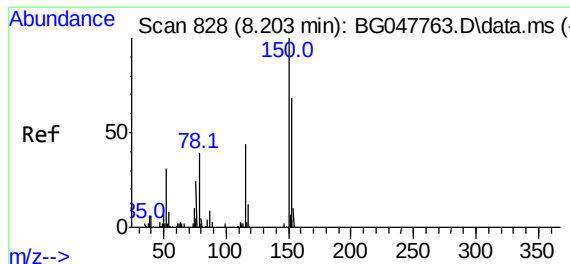
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
Data File : BG047899.D
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Sample : M1038-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jan 09 00:59:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

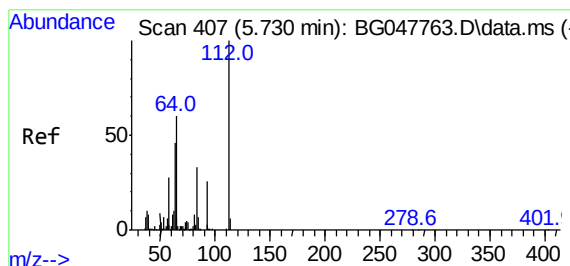
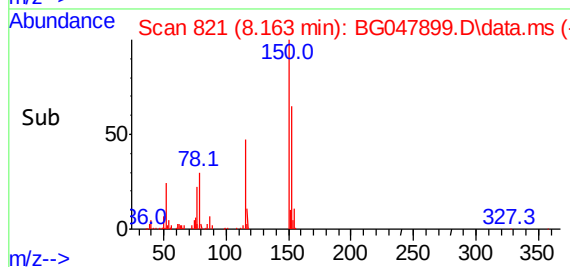
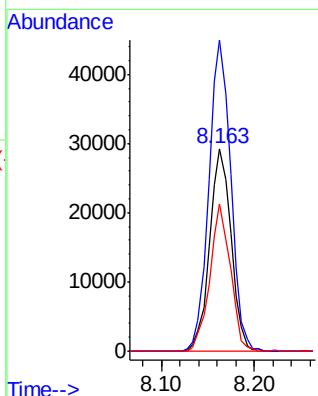
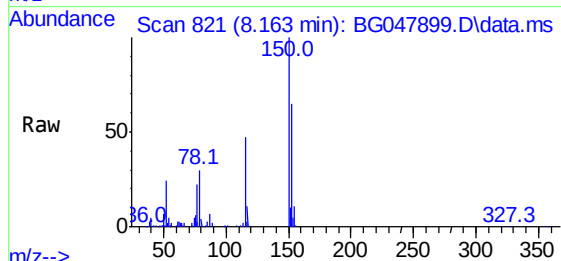




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.163 min Scan# 821
Delta R.T. 0.001 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

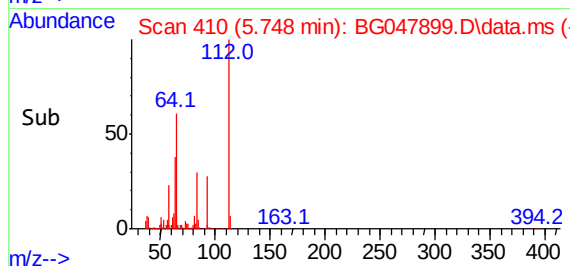
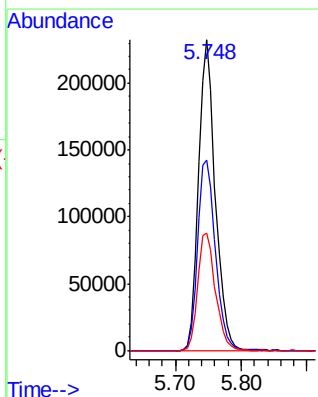
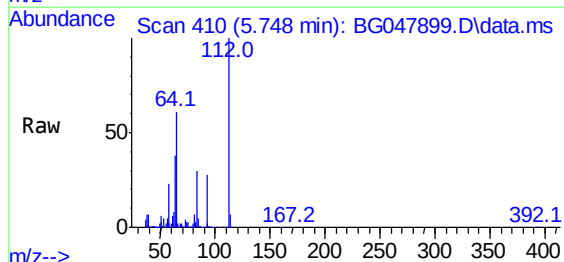
Instrument :
BNA_G
ClientSampleId :
TP-8

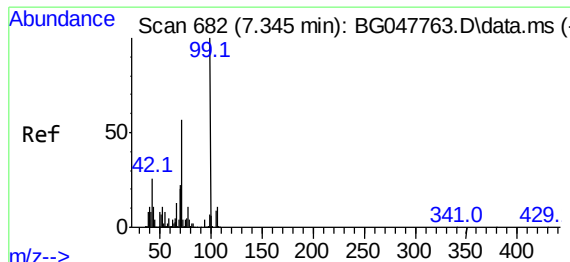
Tgt Ion:152 Resp: 46880
Ion Ratio Lower Upper
152 100
150 153.7 125.0 187.6
115 72.5 41.8 62.6#



#5
2-Fluorophenol
Concen: 147.67 ng
RT: 5.748 min Scan# 410
Delta R.T. -0.005 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Tgt Ion:112 Resp: 400175
Ion Ratio Lower Upper
112 100
64 61.4 46.7 70.1
63 38.0 22.8 34.2#

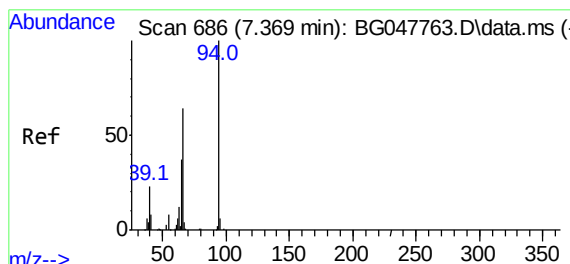
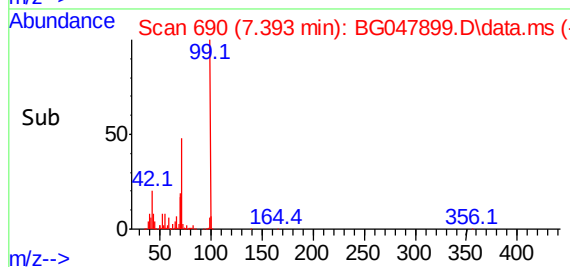
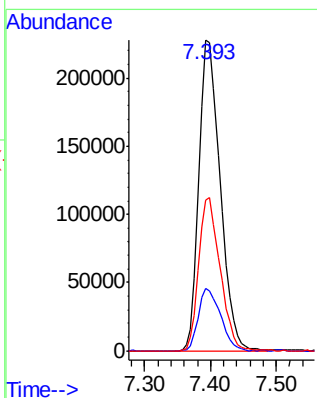
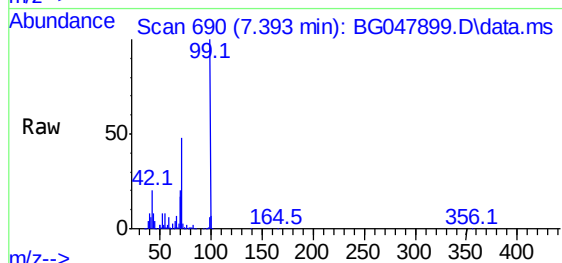




#7
Phenol-d6
Concen: 125.32 ng
RT: 7.393 min Scan# 690
Delta R.T. -0.005 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

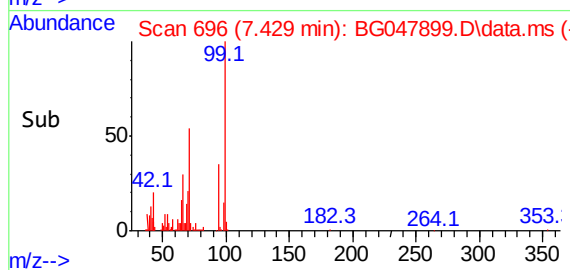
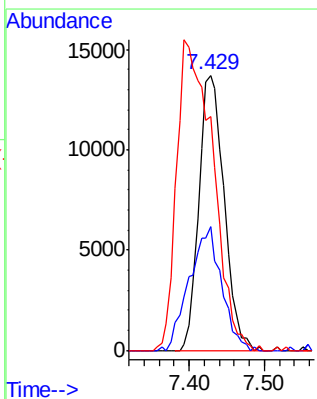
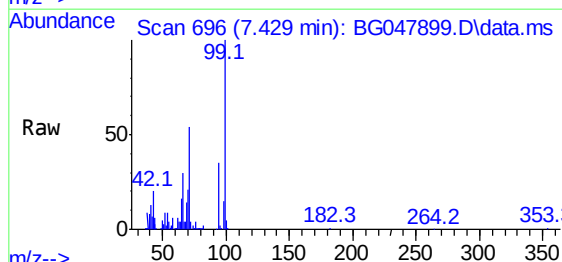
Instrument :
BNA_G
ClientSampled :
TP-8

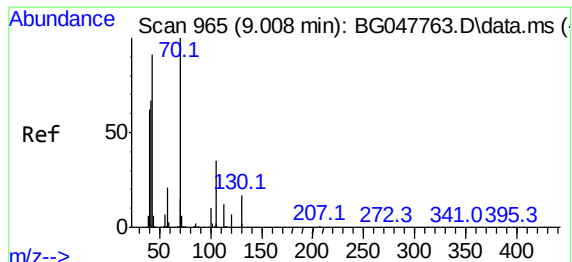
Tgt Ion: 99 Resp: 496460
Ion Ratio Lower Upper
99 100
42 20.3 12.8 19.2#
71 48.3 24.6 36.8#



#10
Phenol
Concen: 8.91 ng
RT: 7.429 min Scan# 696
Delta R.T. 0.001 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Tgt Ion: 94 Resp: 32002
Ion Ratio Lower Upper
94 100
65 44.9 6.6 46.6
66 85.1 13.9 53.9#

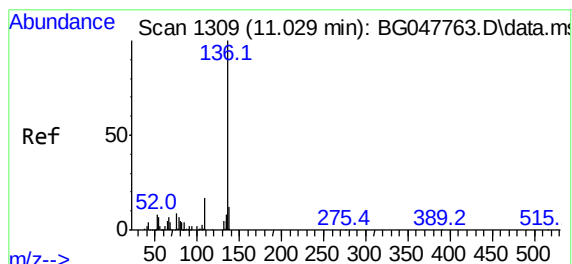
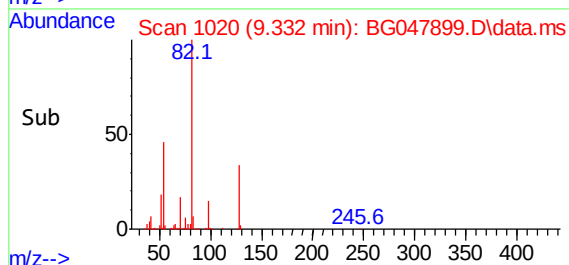
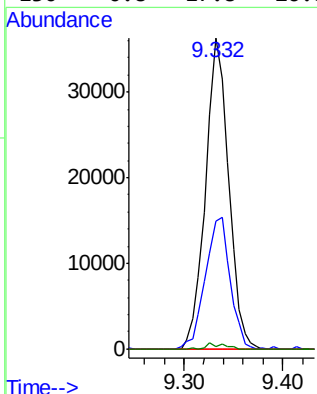
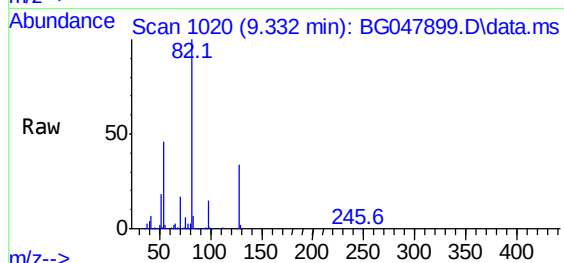




#19
n-Nitroso-di-n-propylamine
Concen: 21.06 ng
RT: 9.332 min Scan# 1020
Delta R.T. 0.366 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

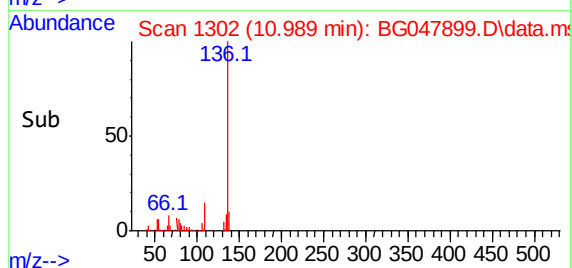
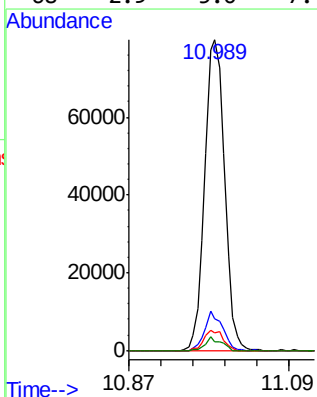
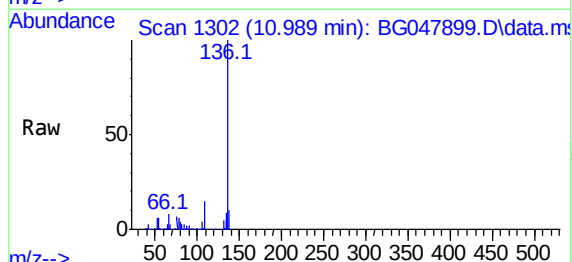
Instrument :
BNA_G
ClientSampled :
TP-8

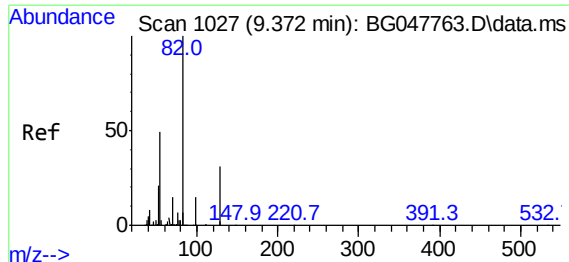
Tgt Ion: 70 Resp: 58062
Ion Ratio Lower Upper
70 100
42 41.1 45.6 68.4#
101 0.0 8.4 12.6#
130 0.8 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.989 min Scan# 1302
Delta R.T. -0.005 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Tgt Ion:136 Resp: 146132
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 5.8 6.2 9.4#
68 2.9 5.0 7.4#

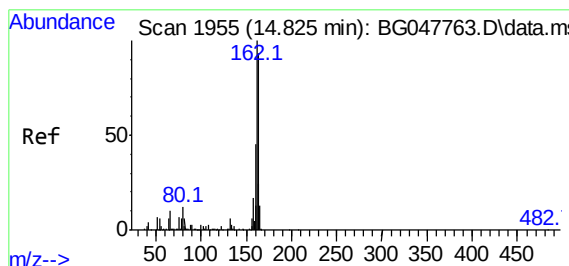
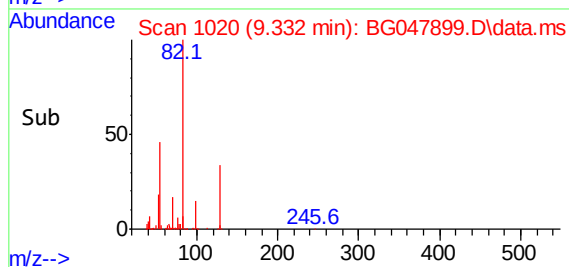
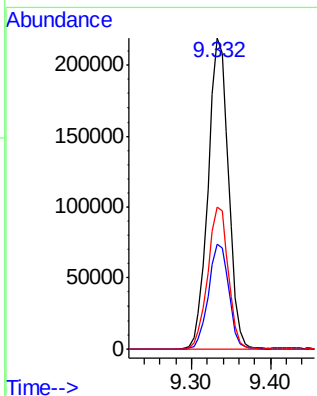
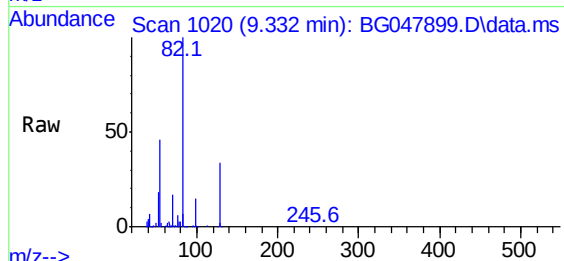




#23
Nitrobenzene-d5
Concen: 98.29 ng
RT: 9.332 min Scan# 1020
Delta R.T. -0.005 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

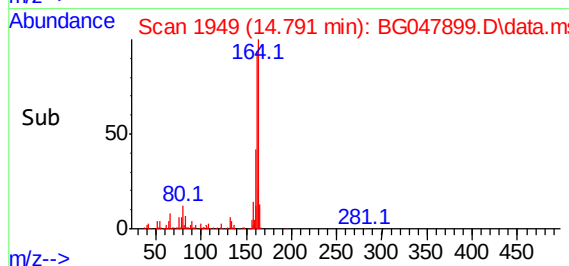
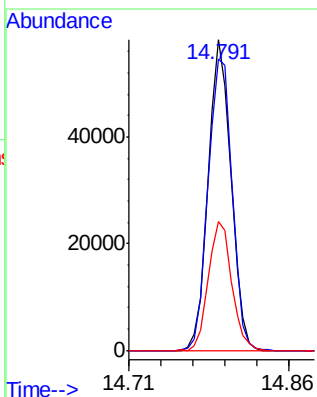
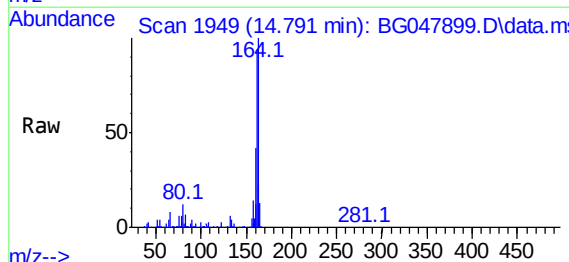
Instrument :
BNA_G
ClientSampleId :
TP-8

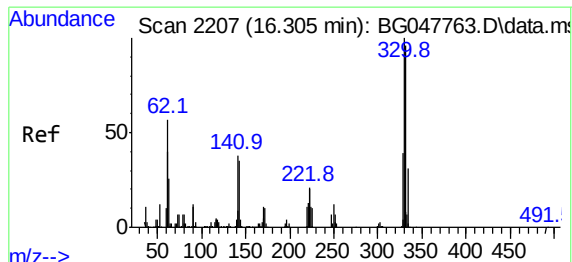
Tgt Ion: 82 Resp: 390519
Ion Ratio Lower Upper
82 100
128 33.7 37.0 55.6#
54 45.7 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.791 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Tgt Ion: 164 Resp: 86599
Ion Ratio Lower Upper
164 100
162 94.0 82.3 123.5
160 41.7 35.3 52.9

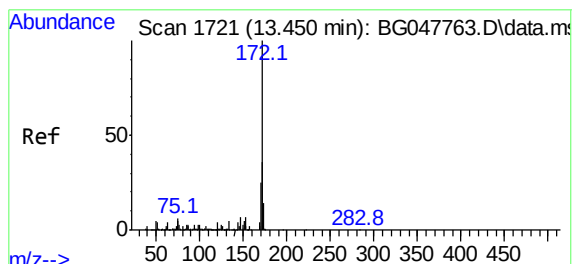
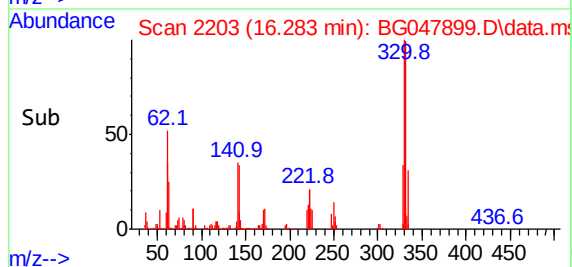
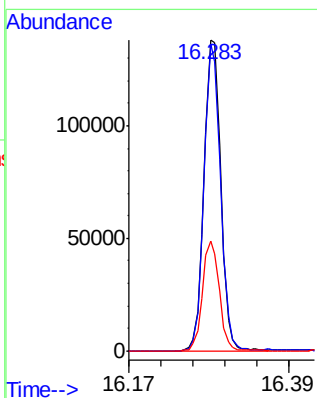
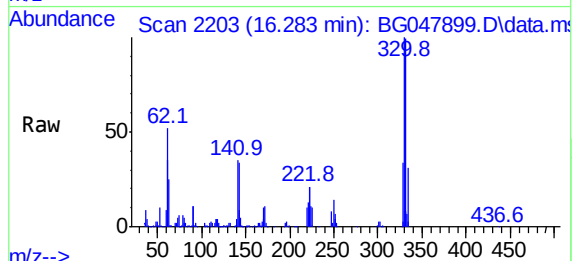




#42
2,4,6-Tribromophenol
Concen: 144.89 ng
RT: 16.283 min Scan# 2203
Delta R.T. -0.005 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

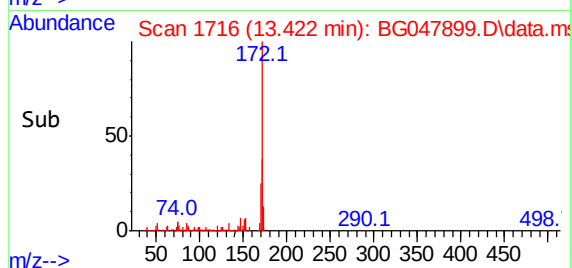
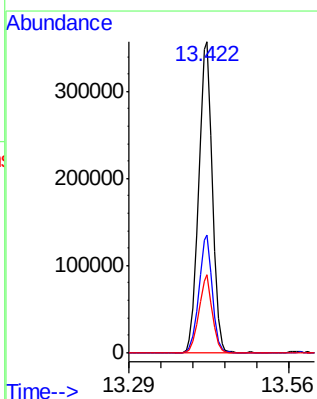
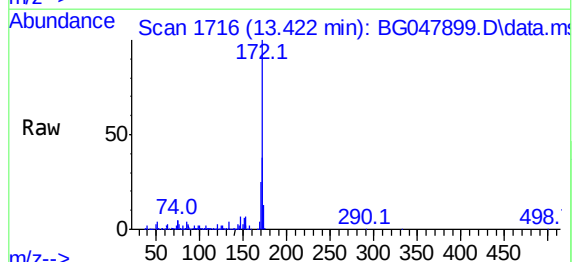
Instrument :
BNA_G
ClientSampleId :
TP-8

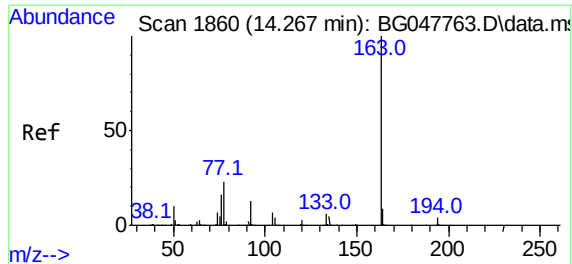
Tgt Ion:330 Resp: 214201
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 35.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 82.99 ng
RT: 13.422 min Scan# 1716
Delta R.T. 0.001 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Tgt Ion:172 Resp: 555413
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.9 20.8 31.2

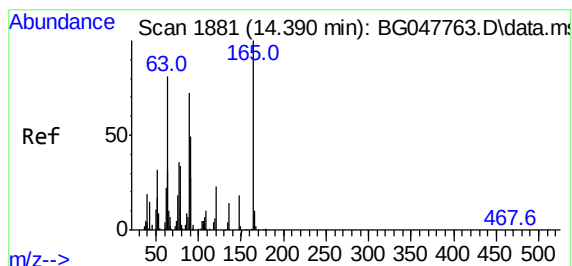
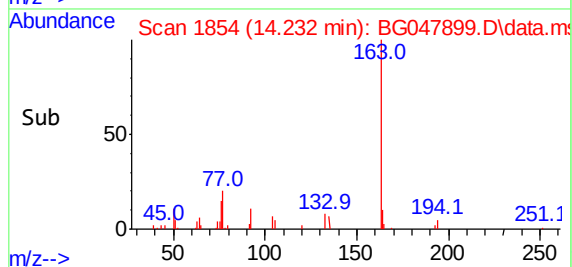
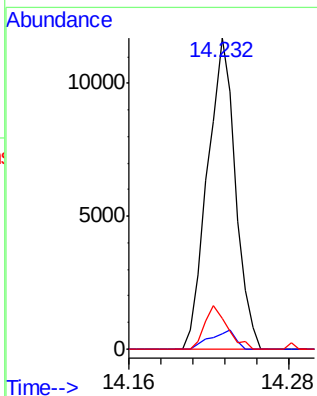
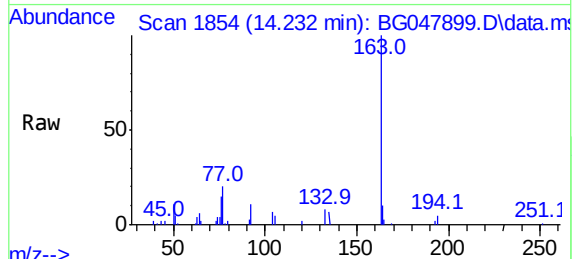




#50
Dimethylphthalate
Concen: 2.25 ng
RT: 14.232 min Scan# 1854
Delta R.T. -0.010 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

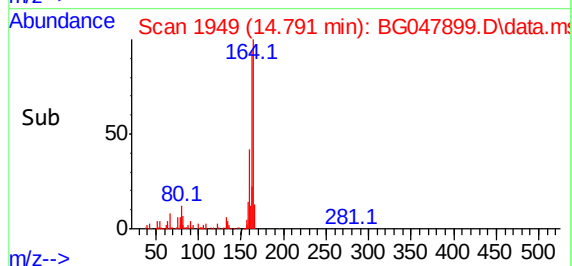
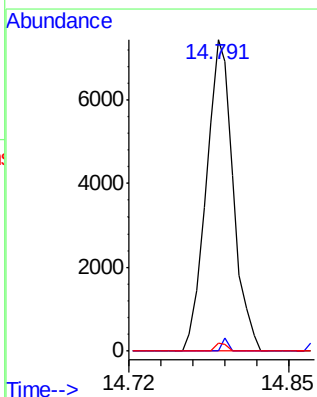
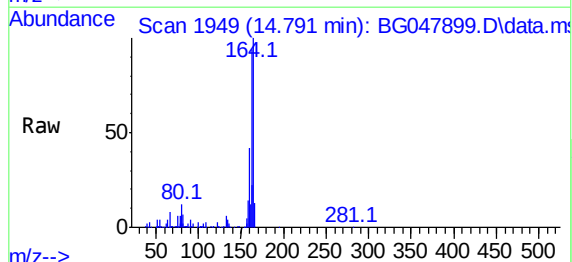
Instrument :
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ClientSampleId :
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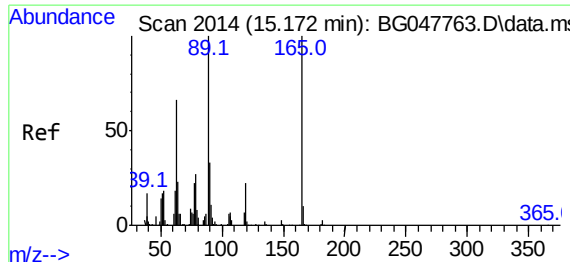
Tgt Ion:	163	Resp:	16799
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	9.6	8.8	13.2



#51
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 14.791 min Scan# 1949
Delta R.T. 0.430 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

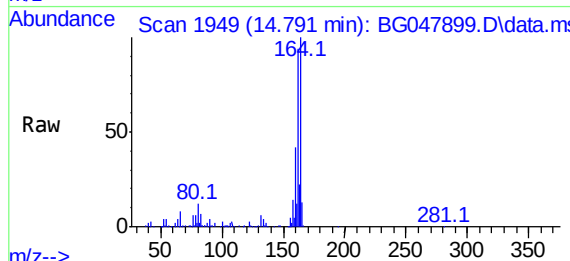
Tgt Ion:	165	Resp:	11439
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	2.3	36.6	54.8#



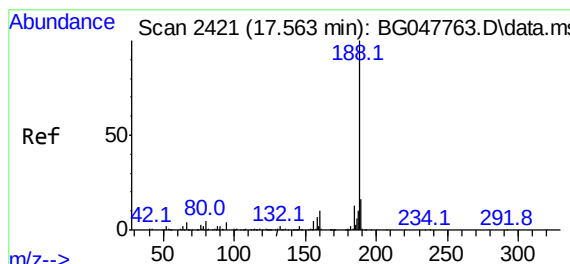
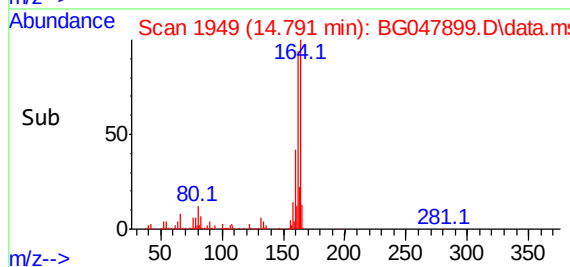
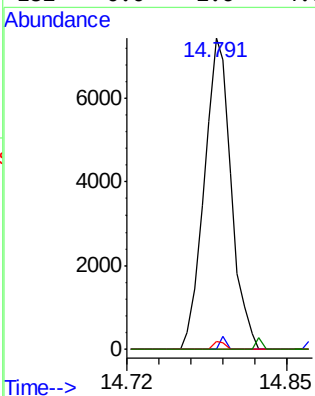


#57
2,4-Dinitrotoluene
Concen: 5.07 ng
RT: 14.791 min Scan# 1949
Delta R.T. -0.357 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Instrument :
BNA_G
ClientSampled :
TP-8

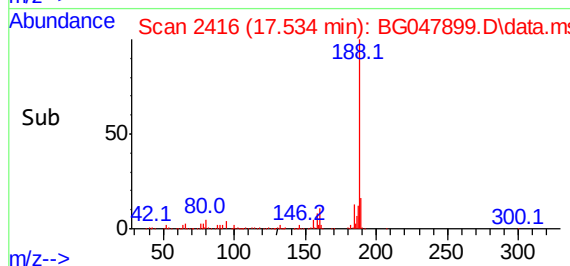
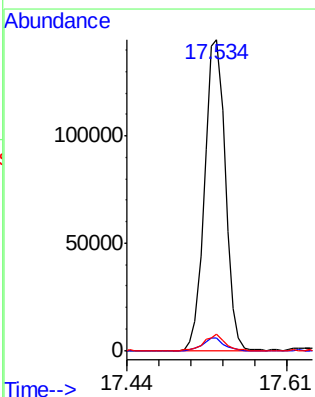
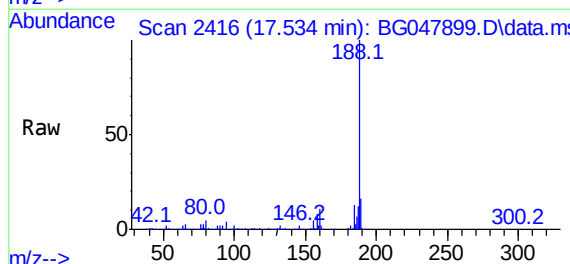


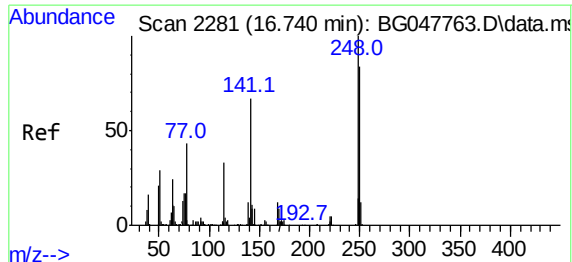
Tgt Ion:165 Resp: 11439
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.3 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.534 min Scan# 2416
Delta R.T. 0.001 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Tgt Ion:188 Resp: 225041
Ion Ratio Lower Upper
188 100
94 4.0 6.3 9.5#
80 5.4 7.0 10.6#

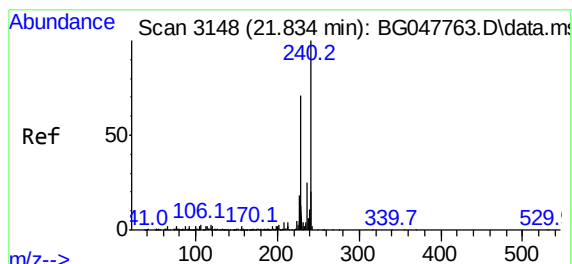
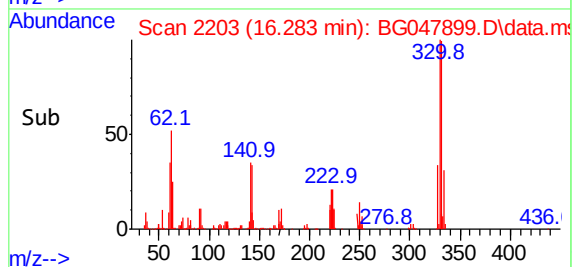
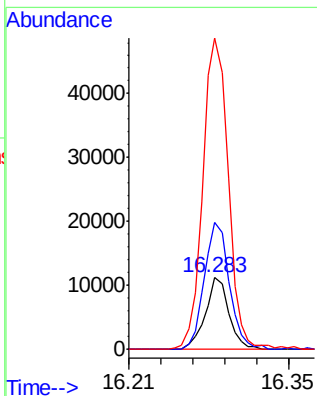
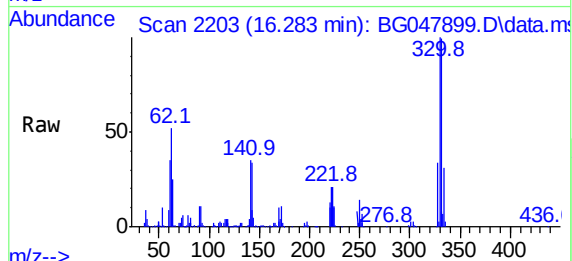




#67
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 16.283 min Scan# 2203
Delta R.T. -0.433 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

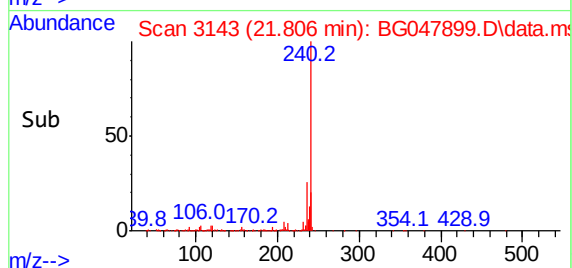
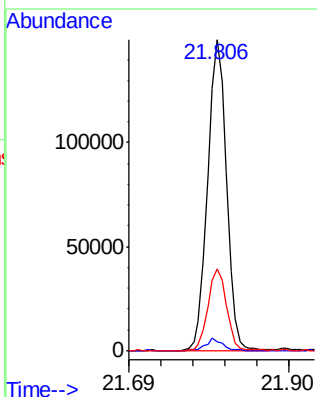
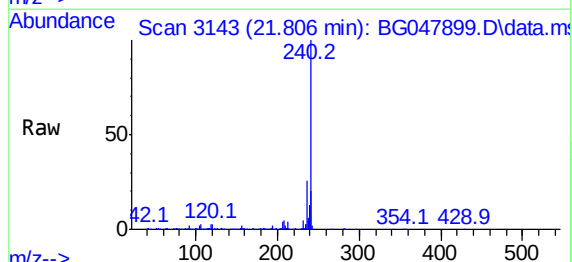
Instrument :
BNA_G
ClientSampled :
TP-8

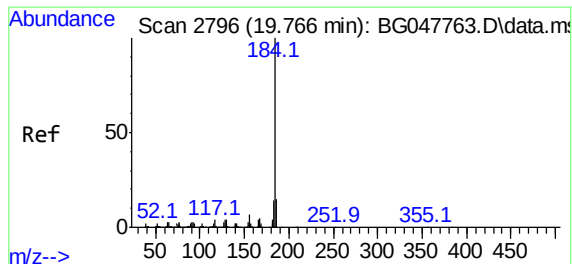
Tgt Ion:248 Resp: 15770
Ion Ratio Lower Upper
248 100
250 178.3 78.9 118.3#
141 437.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.806 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Tgt Ion:240 Resp: 246958
Ion Ratio Lower Upper
240 100
120 3.0 6.2 9.4#
236 26.3 20.5 30.7

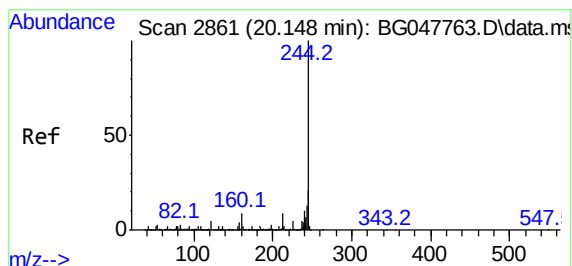
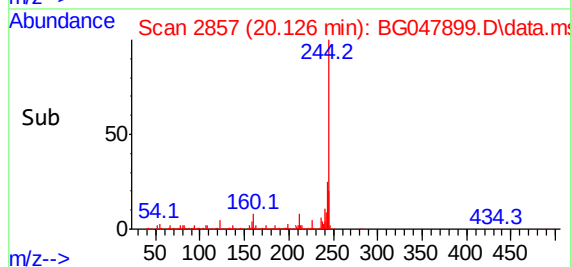
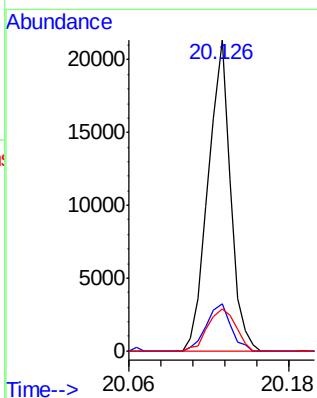
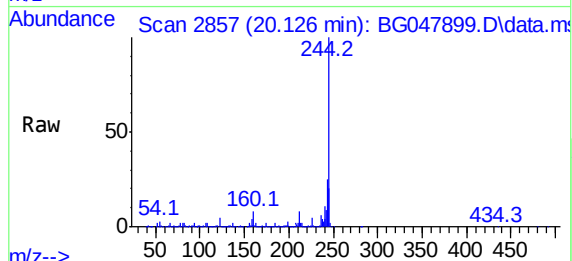




#77
Benzidine
Concen: 3.66 ng
RT: 20.126 min Scan# 2857
Delta R.T. 0.377 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

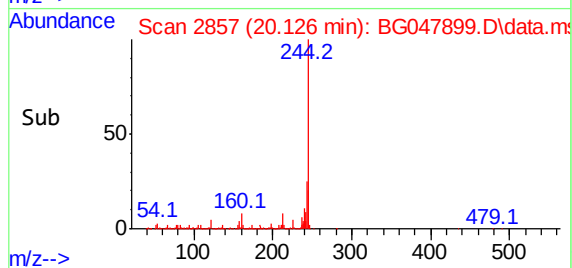
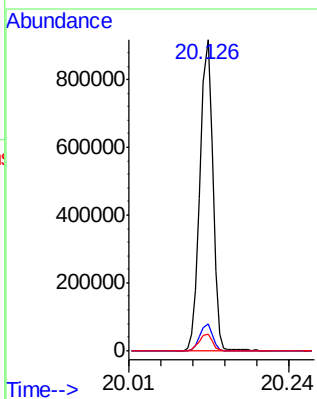
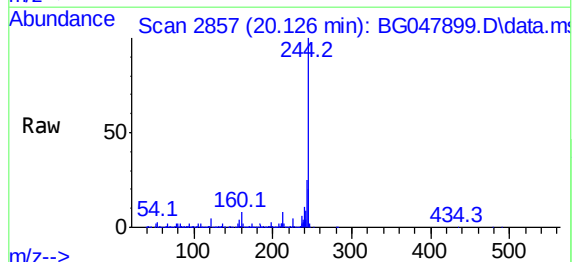
Instrument :
BNA_G
ClientSampled :
TP-8

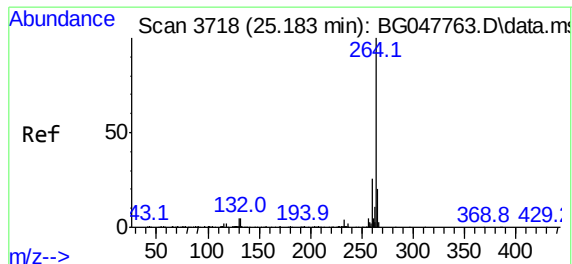
Tgt Ion:	184	Resp:	24282
Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.4	18.6
183	13.5	10.6	15.8



#79
Terphenyl-d14
Concen: 77.93 ng
RT: 20.126 min Scan# 2857
Delta R.T. 0.001 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

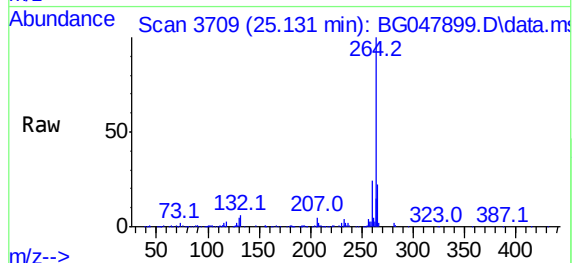
Tgt Ion:	244	Resp:	1167930
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	5.3	7.8	11.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BG047899.D
Acq: 8 Jan 2021 23:25

Instrument :
BNA_G
ClientSampleId :
TP-8



Tgt Ion:264 Resp: 244606

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.1	17.8	26.8

