

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
 Data File : BG049107.D
 Acq On : 26 Jun 2021 13:50
 Operator : CG/JU
 Sample : PB137325BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137325BL

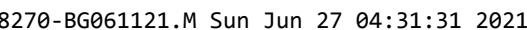
Quant Time: Jun 27 04:31:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	25096	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	102514	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	74541	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	191210	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	218802	20.00	ng	-0.01
86) Perylene-d12	25.089	264	218945	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	219092	135.90	ng	0.00
7) Phenol-d6	7.257	99	285194	118.03	ng	0.00
23) Nitrobenzene-d5	9.273	82	204148	85.87	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	171711	155.48	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	451162	85.50	ng	0.00
79) Terphenyl-d14	20.101	244	1080866	90.47	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.267	70	30019	15.89	ng	# 71
51) 2,6-Dinitrotoluene	14.743	165	9657	8.17	ng	# 10
57) 2,4-Dinitrotoluene	14.743	165	9657	6.65	ng	# 15
67) 4-Bromophenyl-phenylether	16.229	248	10807	4.53	ng	# 1
77) Benzidine	20.101	184	20604	4.67	ng	# 94

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

Quant Time: Jun 27 04:31:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

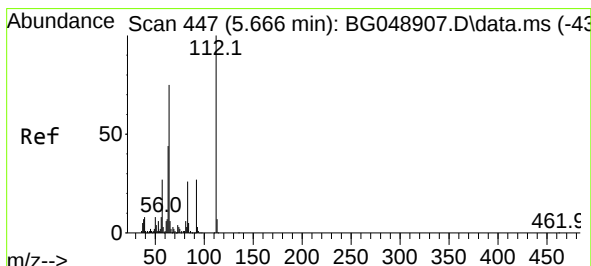
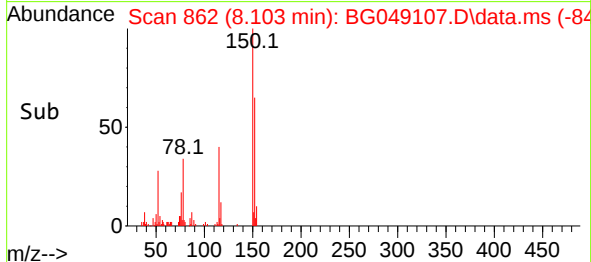
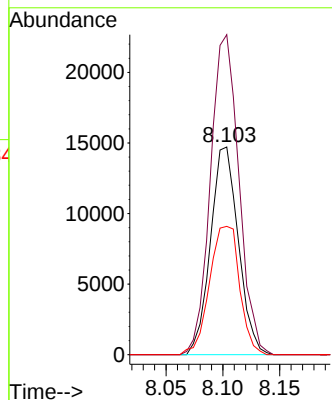
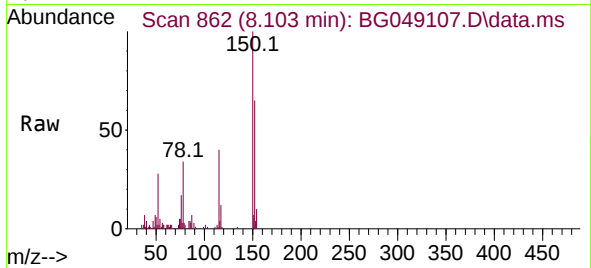




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.002 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

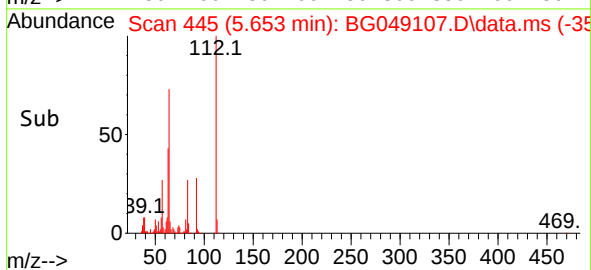
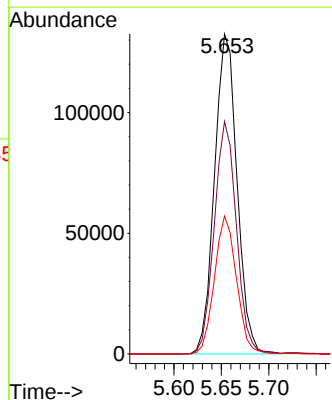
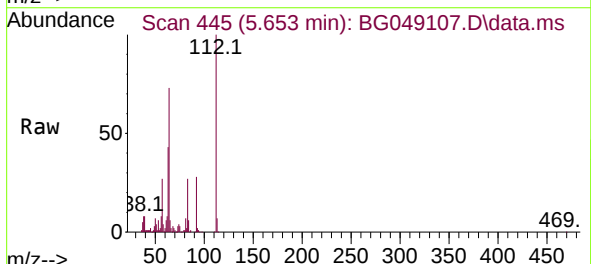
Instrument :
BNA_G
ClientSampleId :
PB137325BL

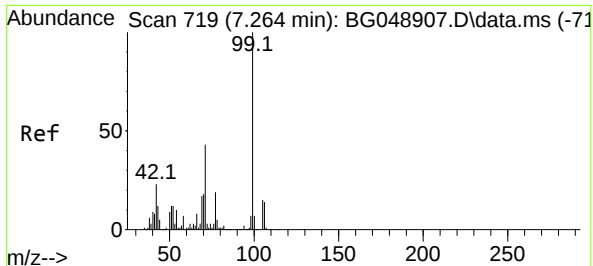
Tgt Ion:152 Resp: 25096
Ion Ratio Lower Upper
152 100
150 154.1 119.4 179.0
115 61.8 60.2 90.4



#5
2-Fluorophenol
Concen: 135.90 ng
RT: 5.653 min Scan# 445
Delta R.T. -0.002 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

Tgt Ion:112 Resp: 219092
Ion Ratio Lower Upper
112 100
64 72.6 46.7 70.1#
63 43.1 35.3 52.9

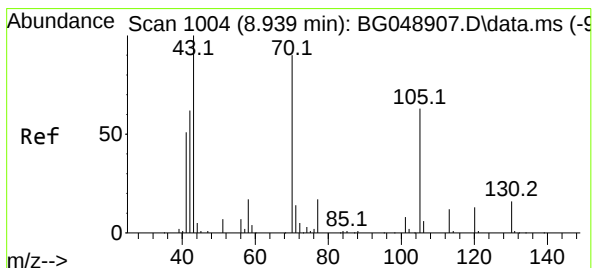
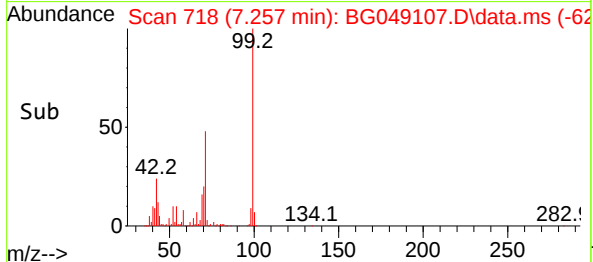
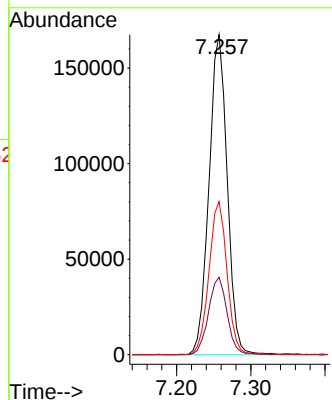
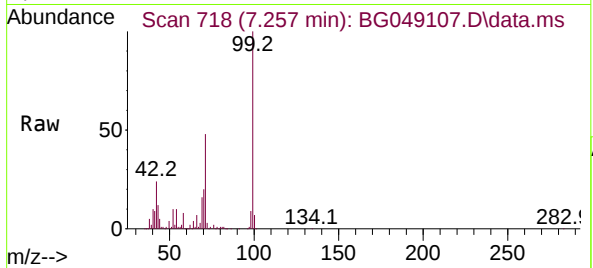




#7
Phenol-d6
Concen: 118.03 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

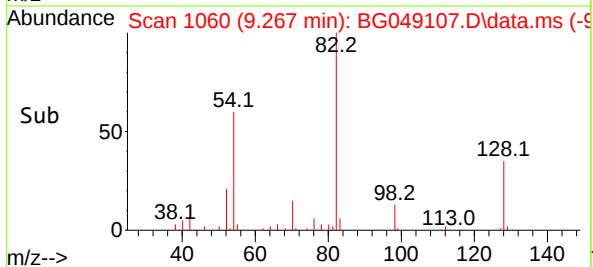
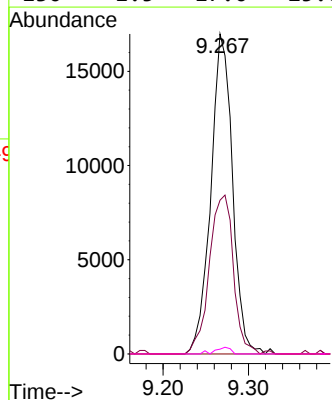
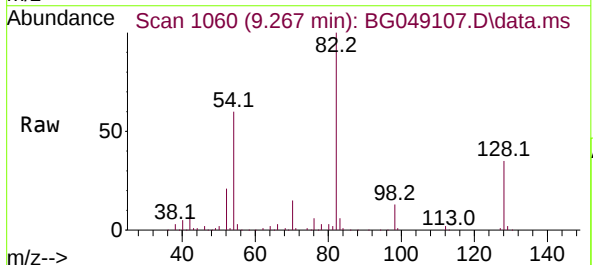
Instrument :
BNA_G
ClientSampleId :
PB137325BL

Tgt Ion:	99	Resp:	285194
Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.5	30.7
71	47.8	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.89 ng
RT: 9.267 min Scan# 1060
Delta R.T. 0.356 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

Tgt Ion:	70	Resp:	30019
Ion	Ratio	Lower	Upper
70	100		
42	48.0	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#

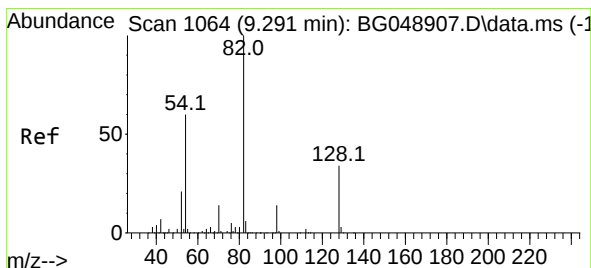
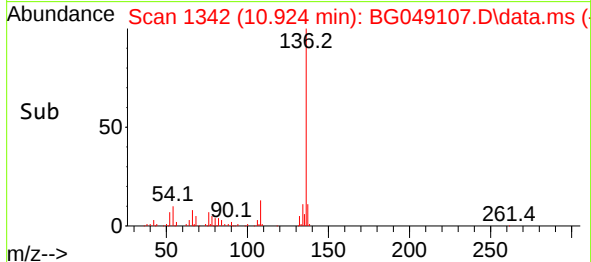
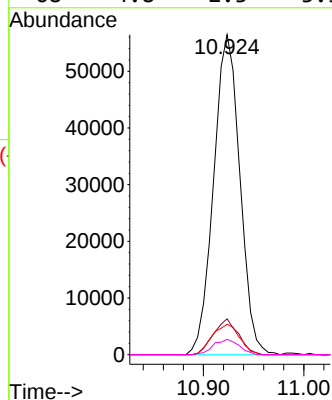
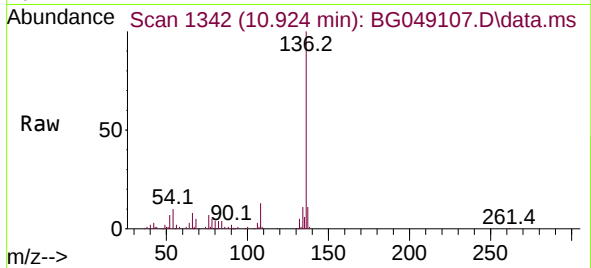




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

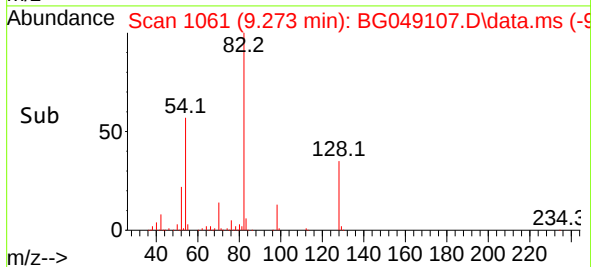
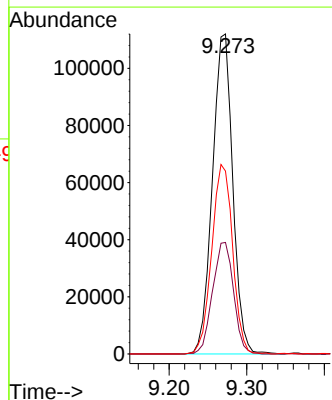
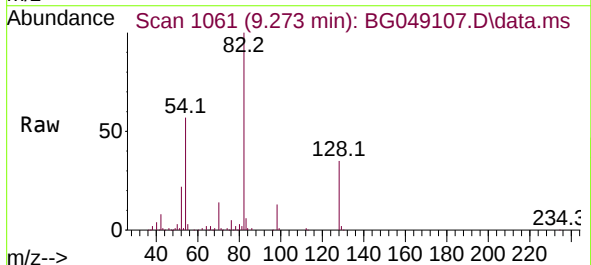
Instrument :
BNA_G
ClientSampleId :
PB137325BL

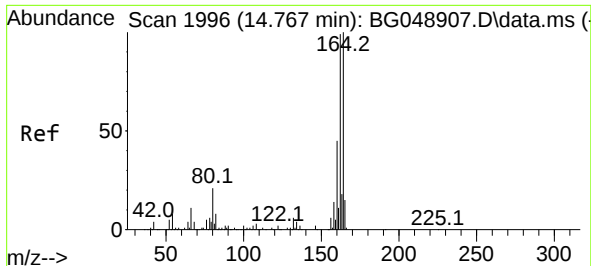
Tgt Ion:	136	Resp:	102514
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	9.5	5.5	8.3#
68	4.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 85.87 ng
RT: 9.273 min Scan# 1061
Delta R.T. -0.002 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

Tgt Ion:	82	Resp:	204148
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.8	44.6
54	57.1	45.8	68.8

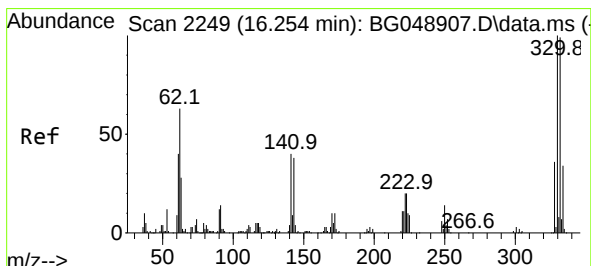
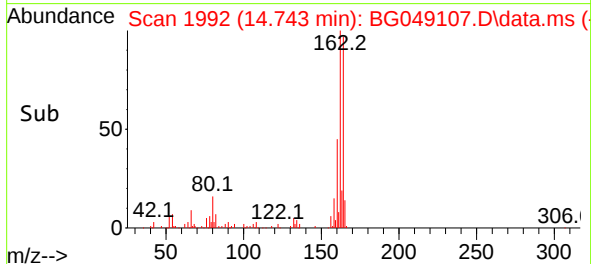
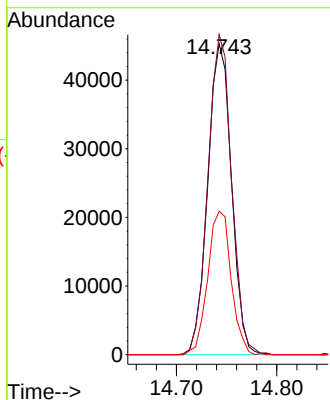
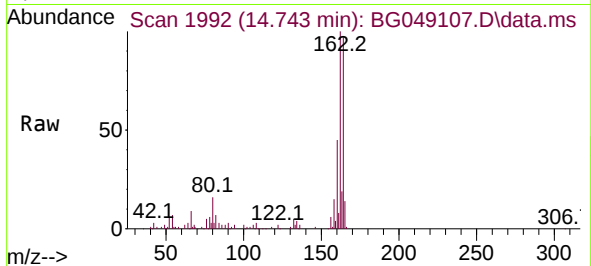




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

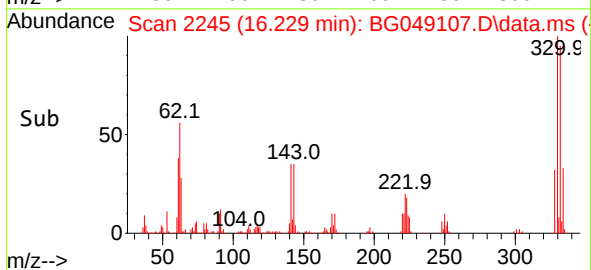
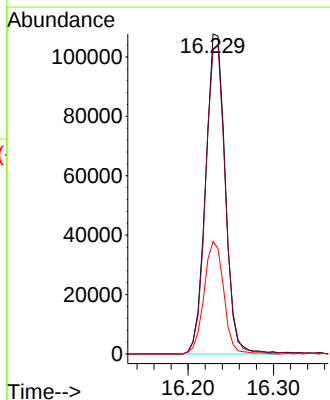
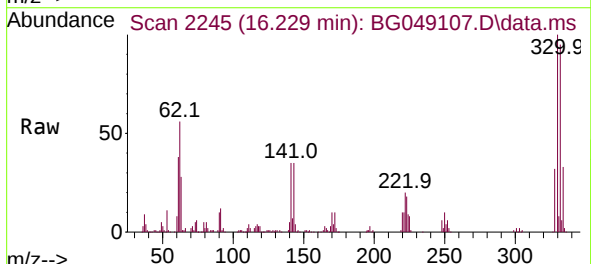
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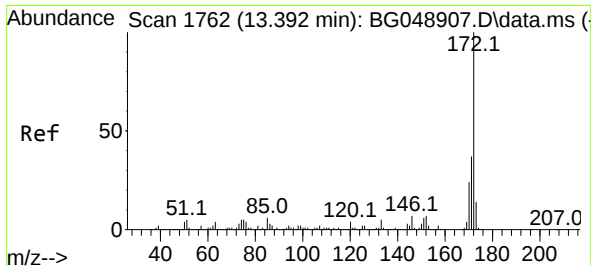
Tgt Ion:164	Resp:	74541
Ion Ratio	Lower	Upper
164	100	
162	102.9	81.4 122.0
160	46.1	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 155.48 ng
RT: 16.229 min Scan# 2245
Delta R.T. -0.008 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

Tgt Ion:330	Resp:	171711
Ion Ratio	Lower	Upper
330	100	
332	97.5	77.3 115.9
141	35.4	35.6 53.4#

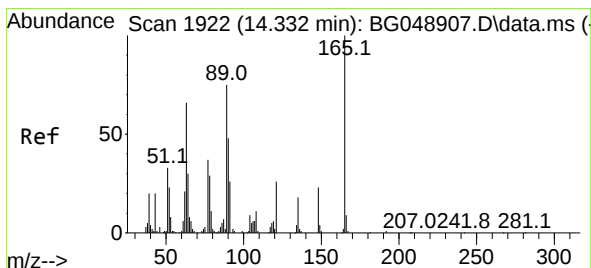
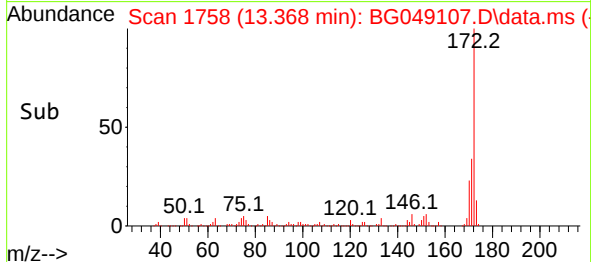
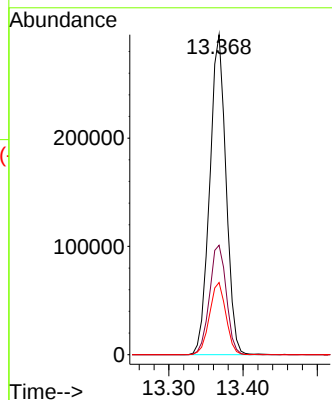
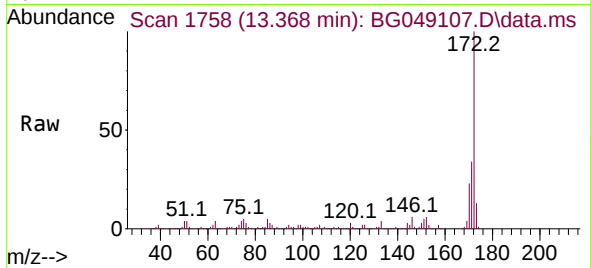




#45
2-Fluorobiphenyl
Concen: 85.50 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

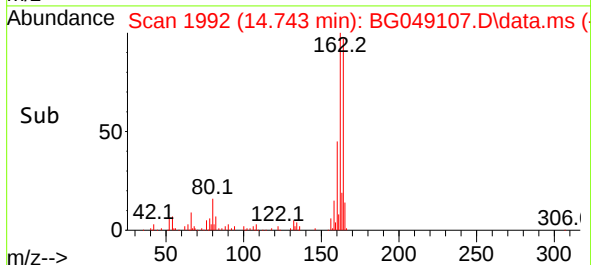
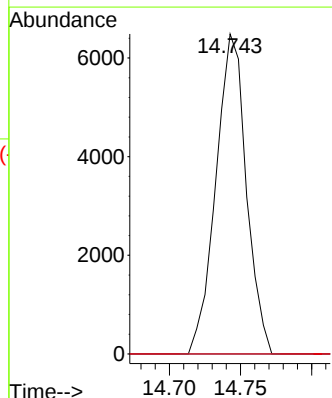
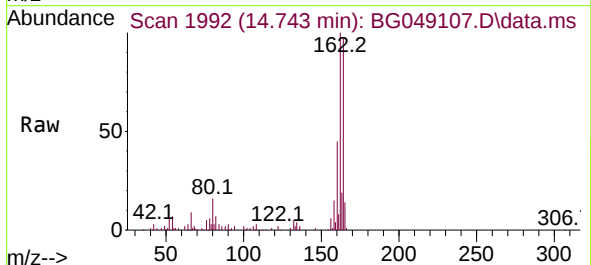
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ClientSampleId :
PB137325BL

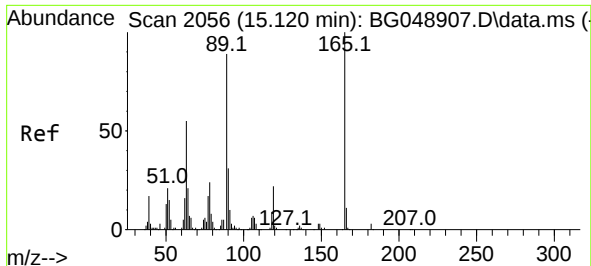
Tgt Ion:172	Resp:	451162
Ion Ratio	Lower	Upper
172	100	
171	34.2	28.6 43.0
170	22.5	18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 14.743 min Scan# 1992
Delta R.T. 0.427 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

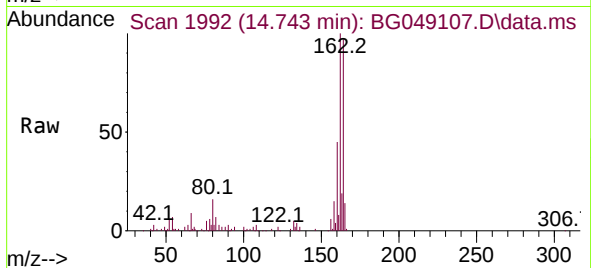
Tgt Ion:165	Resp:	9657
Ion Ratio	Lower	Upper
165	100	
63	0.0	63.3 94.9#
89	0.0	63.4 95.0#



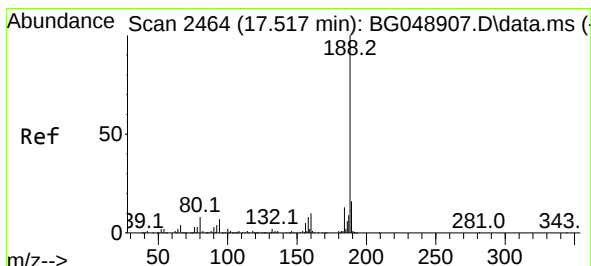
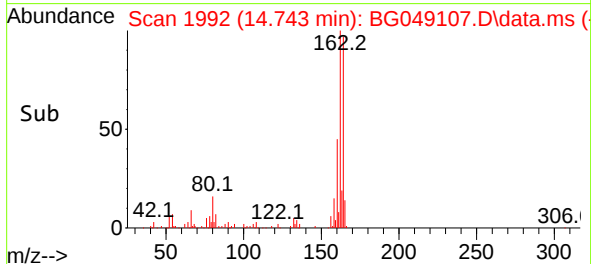
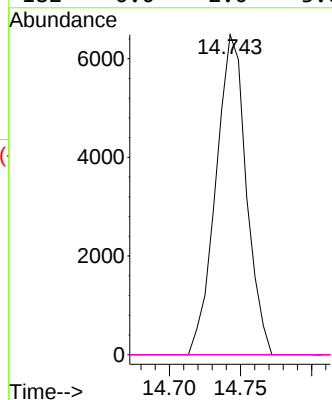


#57
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.361 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

Instrument :
BNA_G
ClientSampleId :
PB137325BL

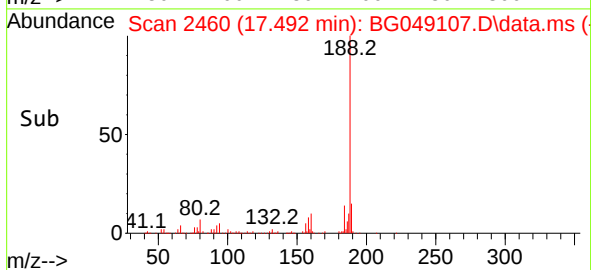
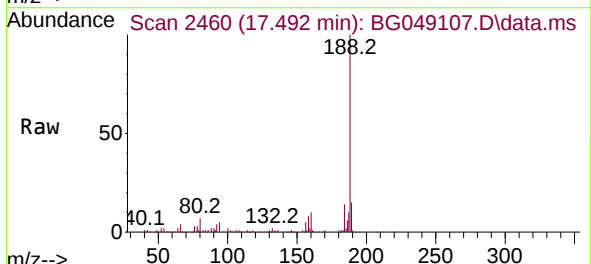
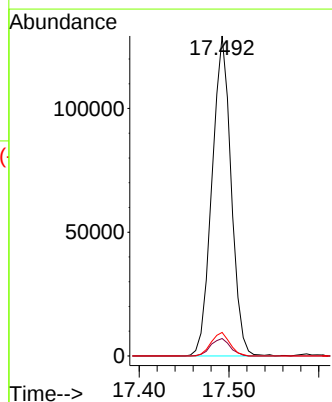


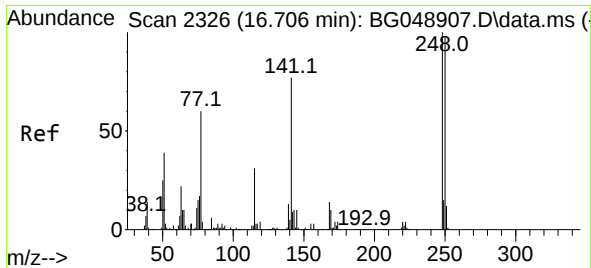
Tgt Ion:165 Resp: 9657
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

Tgt Ion:188 Resp: 191210
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.4 3.7 5.5#

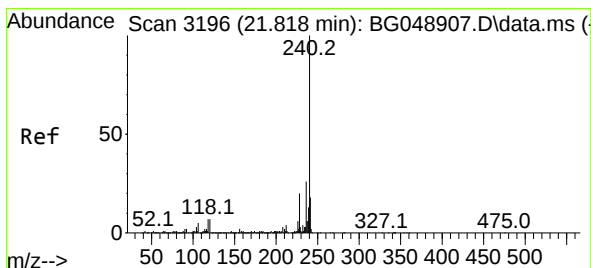
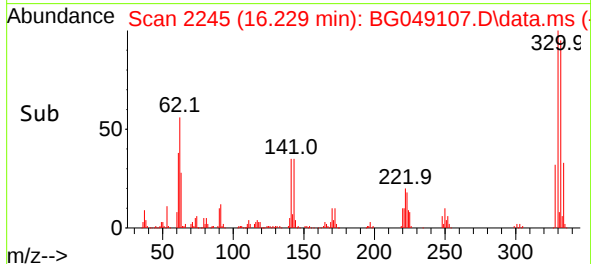
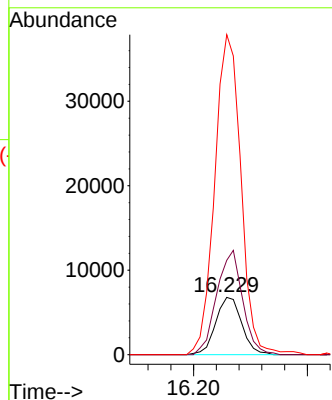
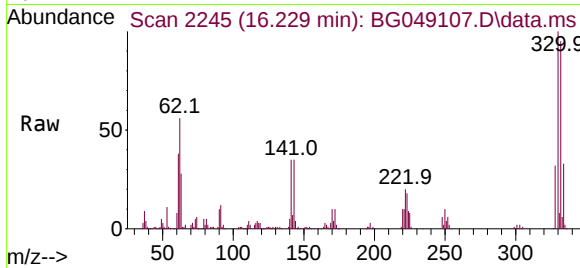




#67
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 16.229 min Scan# 2245
Delta R.T. -0.455 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

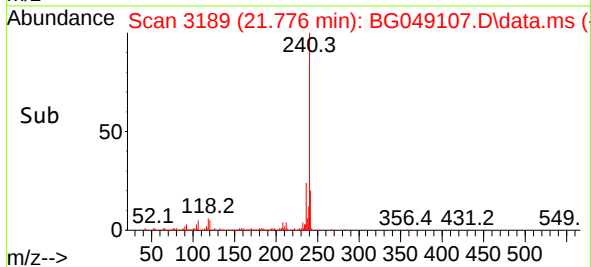
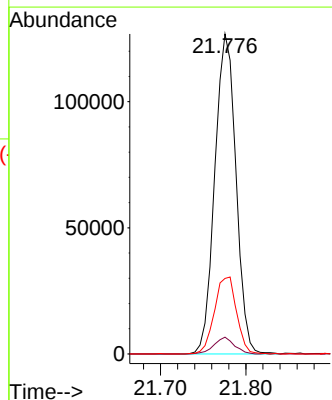
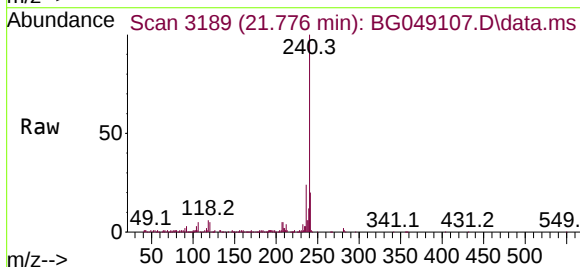
Instrument :
BNA_G
ClientSampleId :
PB137325BL

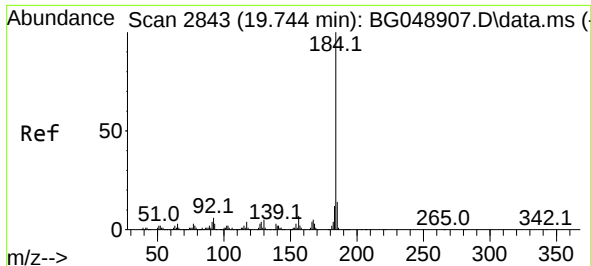
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Ion Ratio Lower Upper
248 100
250 164.6 76.1 114.1#
141 558.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3189
Delta R.T. -0.014 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

Tgt Ion:240 Resp: 218802
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 23.6 21.8 32.6

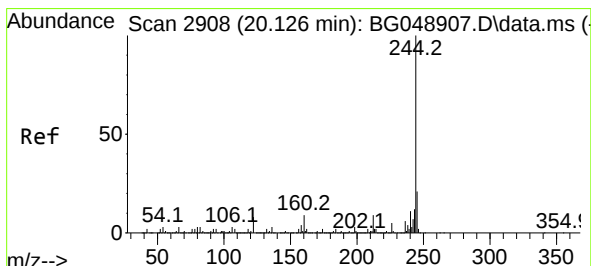
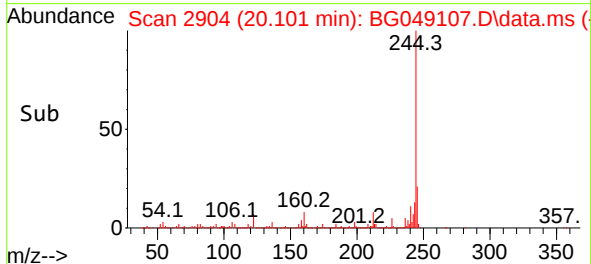
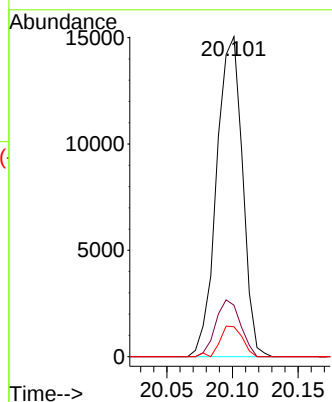
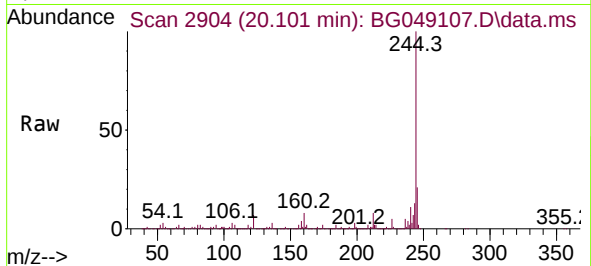




#77
Benzidine
Concen: 4.67 ng
RT: 20.101 min Scan# 2904
Delta R.T. 0.380 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

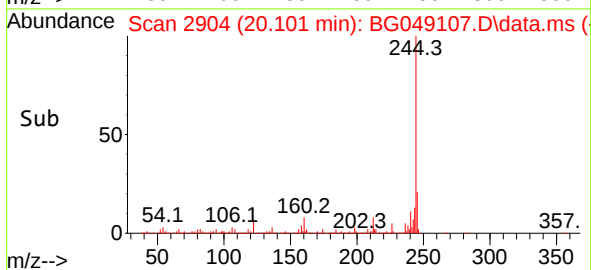
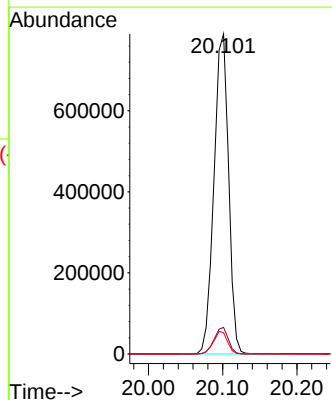
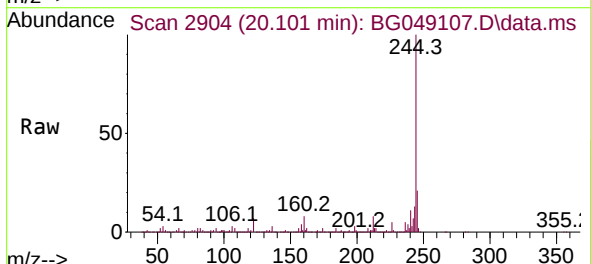
Instrument :
BNA_G
ClientSampleId :
PB137325BL

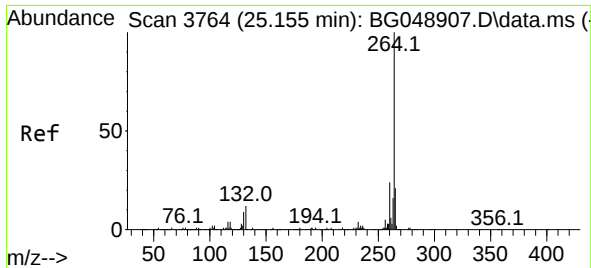
Tgt Ion:184 Resp: 20604
Ion Ratio Lower Upper
184 100
185 16.1 10.7 16.1#
183 9.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 90.47 ng
RT: 20.101 min Scan# 2904
Delta R.T. -0.002 min
Lab File: BG049107.D
Acq: 26 Jun 2021 13:50

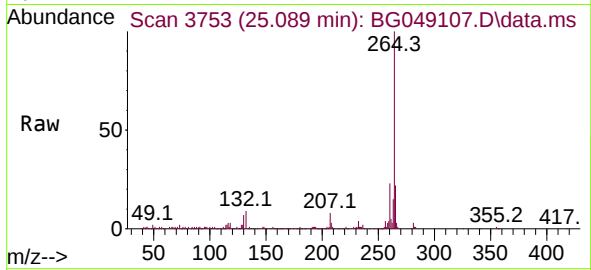
Tgt Ion:244 Resp: 1080866
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.089 min Scan# 3753
 Delta R.T. -0.014 min
 Lab File: BG049107.D
 Acq: 26 Jun 2021 13:50

Instrument :
 BNA_G
 ClientSampleId :
 PB137325BL



Tgt Ion:	264	Resp:	218945
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.2
265	21.8	16.9	25.3

