

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG049002.D
 Acq On : 16 Jun 2021 17:56
 Operator : CG/JU
 Sample : M2672-27
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(32-36)

Quant Time: Jun 17 03:31:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

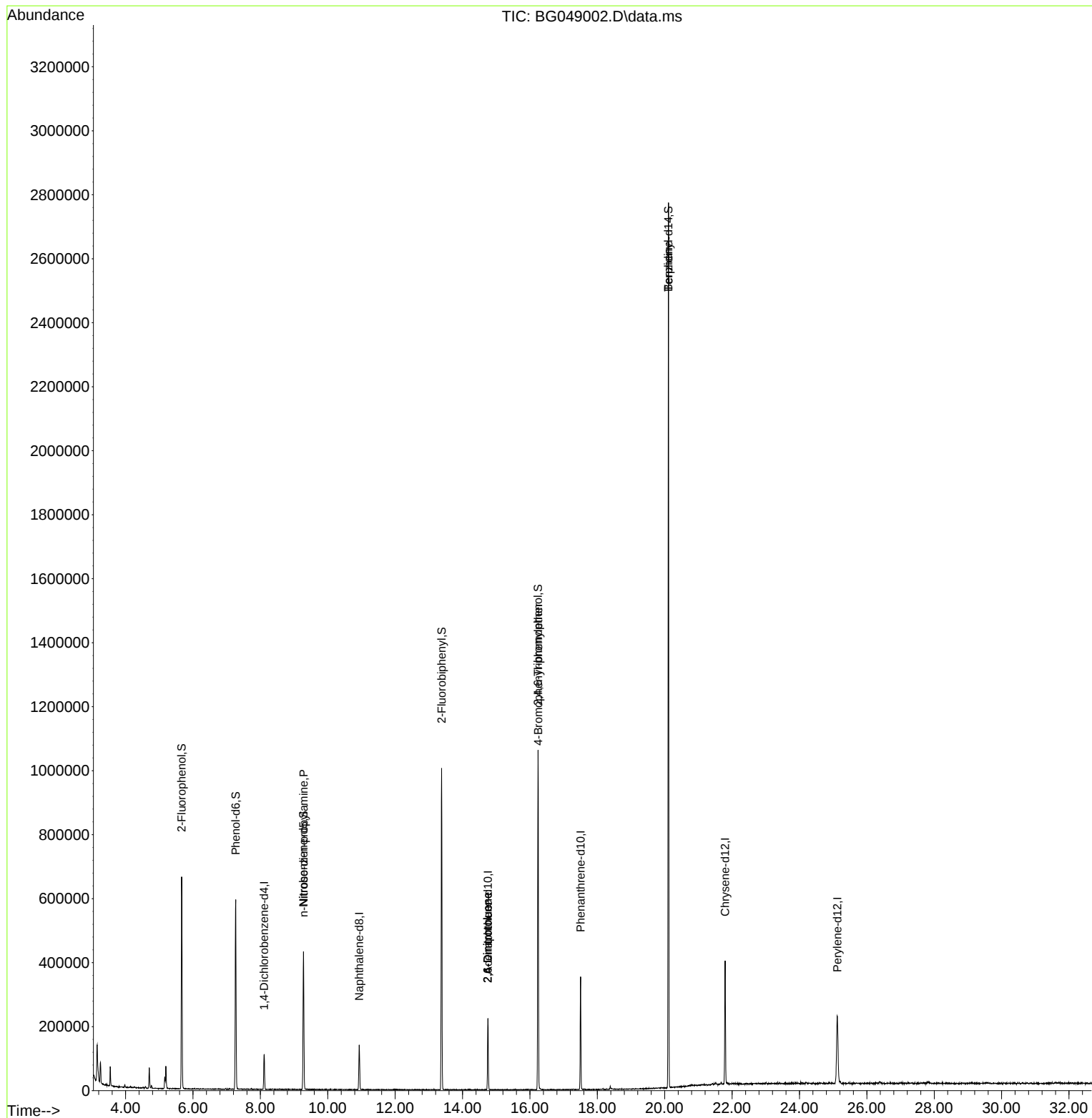
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	28606	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	107889	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	80300	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	216232	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	242136	20.00	ng	0.00
86) Perylene-d12	25.124	264	246281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	247354	134.60	ng	0.00
7) Phenol-d6	7.268	99	302952	109.99	ng	0.00
23) Nitrobenzene-d5	9.278	82	248121	99.17	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	194281	163.30	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	509616	89.65	ng	0.00
79) Terphenyl-d14	20.112	244	1239831	93.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.284	70	35838	16.65	ng	# 75
51) 2,6-Dinitrotoluene	14.748	165	9654	7.58	ng	# 13
57) 2,4-Dinitrotoluene	14.748	165	9654	6.17	ng	# 19
67) 4-Bromophenyl-phenylether	16.246	248	12735	4.72	ng	# 1
77) Benzidine	20.112	184	24911	5.11	ng	97

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

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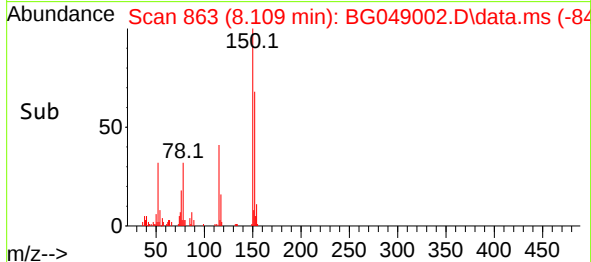
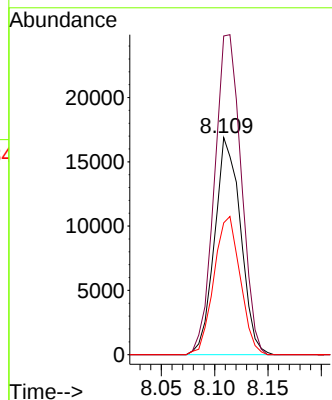
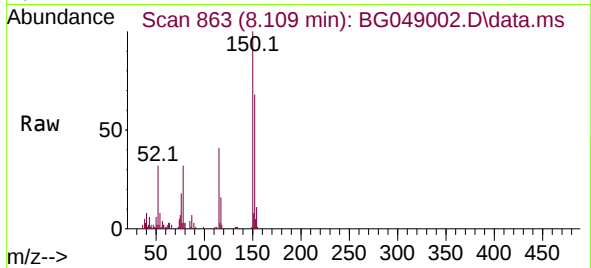




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

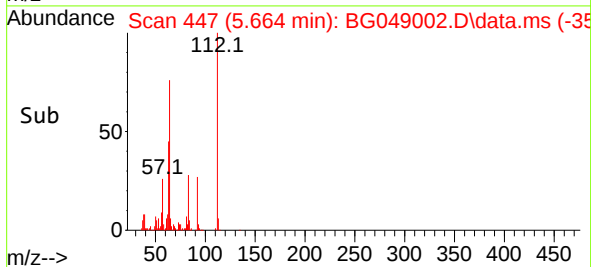
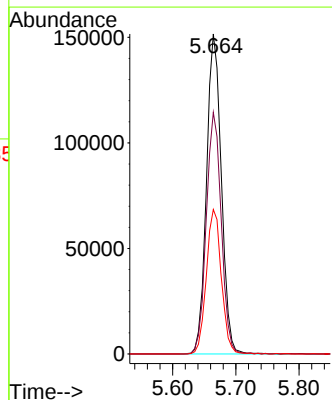
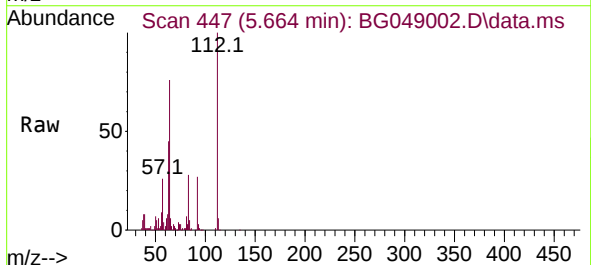
Instrument :
BNA_G
ClientSampleId :
17-B6(32-36)

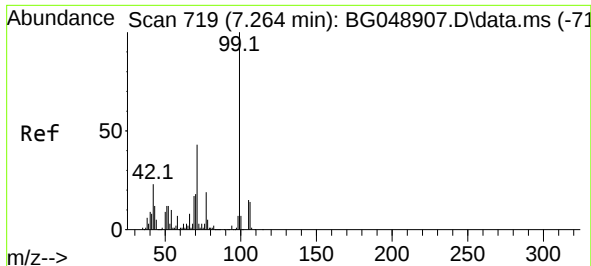
Tgt Ion:152 Resp: 28606
Ion Ratio Lower Upper
152 100
150 146.8 119.4 179.0
115 60.7 60.2 90.4



#5
2-Fluorophenol
Concen: 134.60 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

Tgt Ion:112 Resp: 247354
Ion Ratio Lower Upper
112 100
64 75.5 46.7 70.1#
63 45.1 35.3 52.9

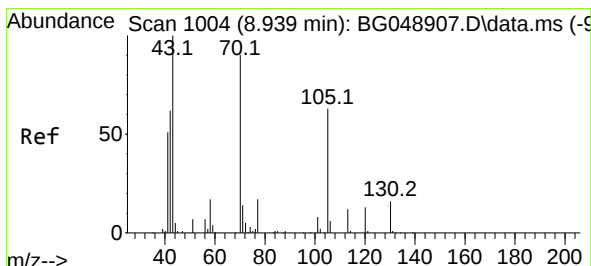
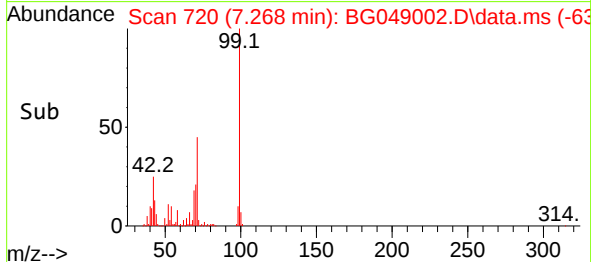
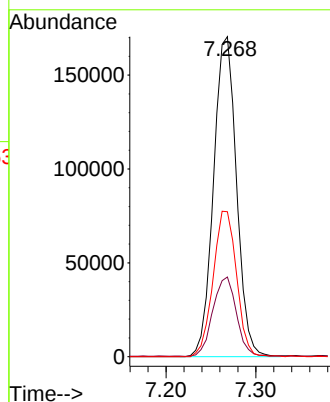
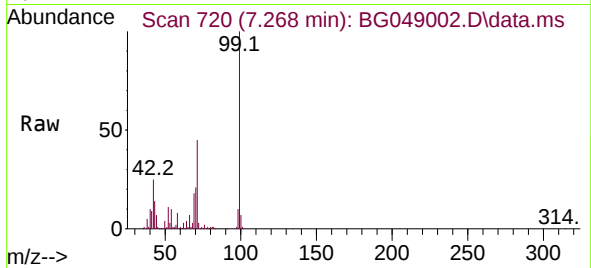




#7
Phenol-d6
Concen: 109.99 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.001 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

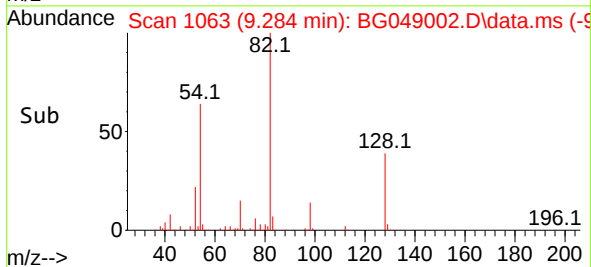
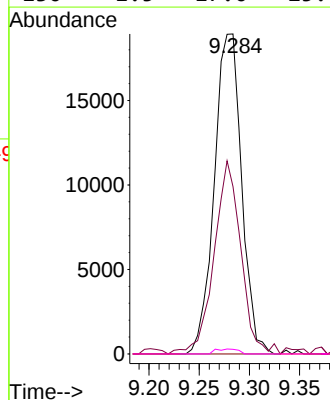
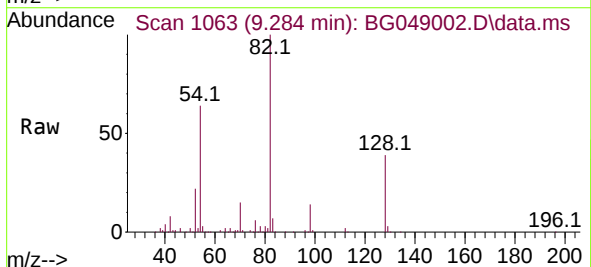
Instrument :
BNA_G
ClientSampleId :
17-B6(32-36)

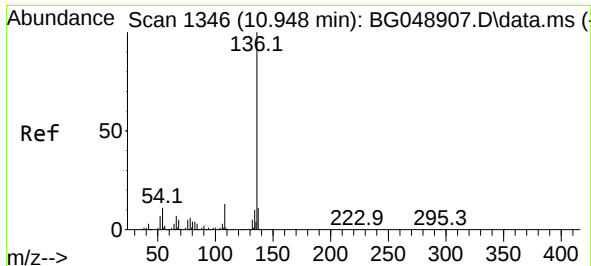
Tgt Ion: 99 Resp: 302952
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 45.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.65 ng
RT: 9.284 min Scan# 1063
Delta R.T. 0.359 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

Tgt Ion: 70 Resp: 35838
Ion Ratio Lower Upper
70 100
42 52.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

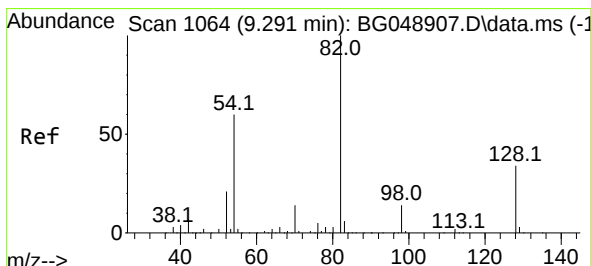
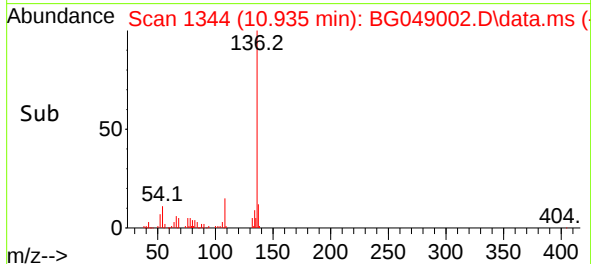
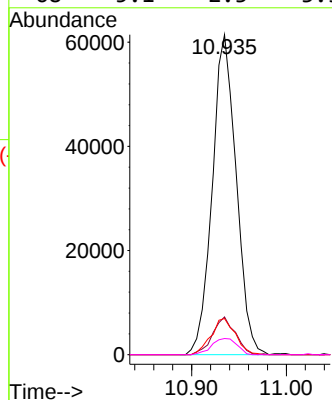
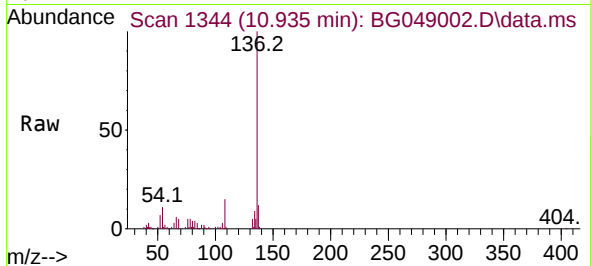




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

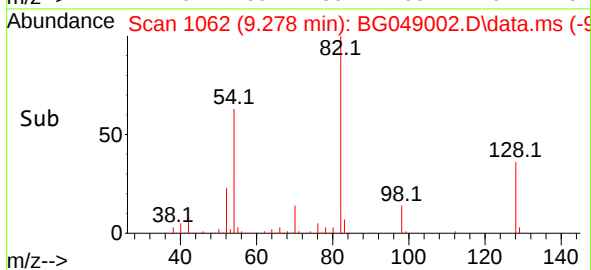
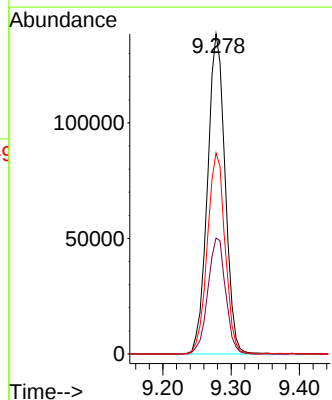
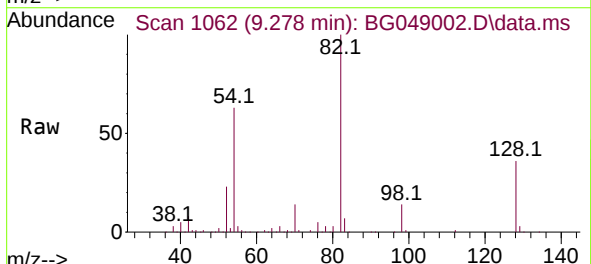
Instrument :
BNA_G
ClientSampleId :
17-B6(32-36)

Tgt Ion:	136	Resp:	107889
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.2	12.2
54	11.3	5.5	8.3#
68	5.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 99.17 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

Tgt Ion:	82	Resp:	248121
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.8	44.6
54	62.8	45.8	68.8

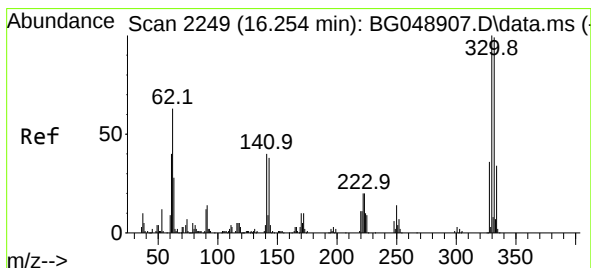
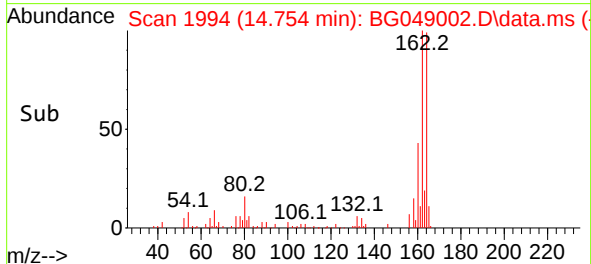
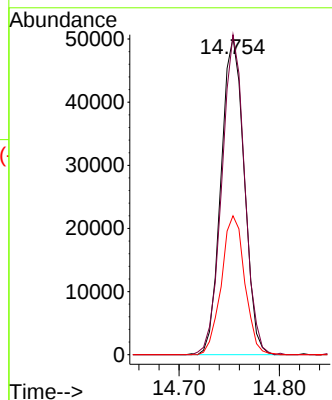
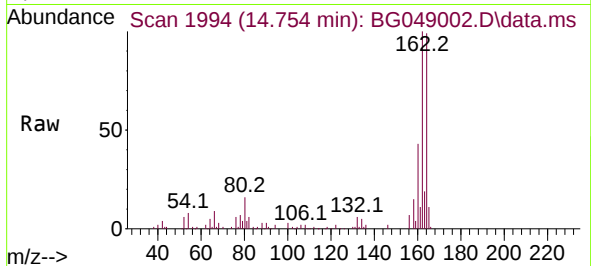




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

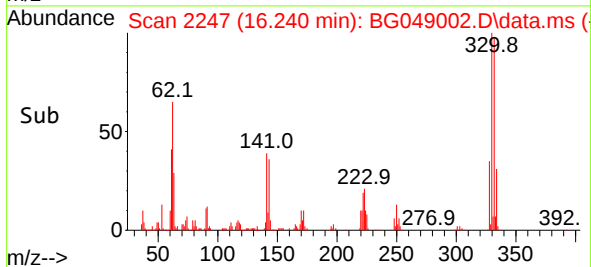
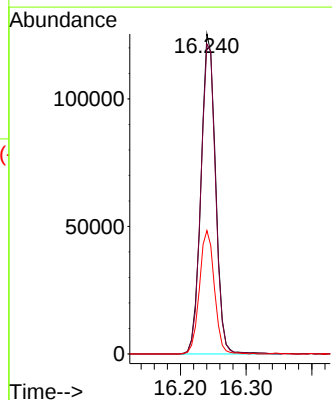
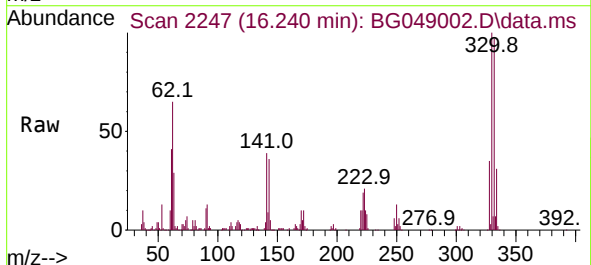
Instrument :
BNA_G
ClientSampleId :
17-B6(32-36)

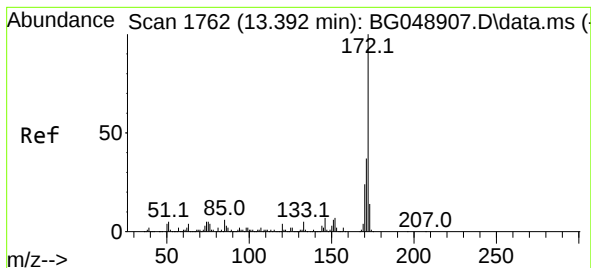
Tgt Ion:164 Resp: 80300
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 163.30 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.005 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

Tgt Ion:330 Resp: 194281
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 39.3 35.6 53.4

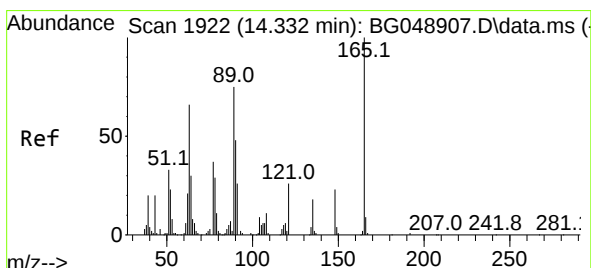
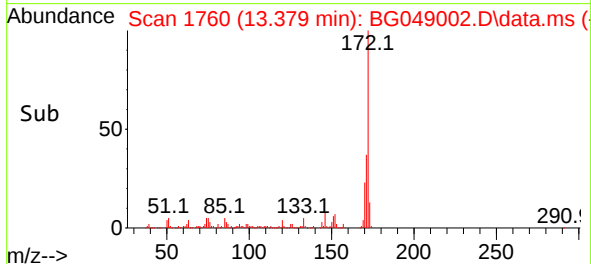
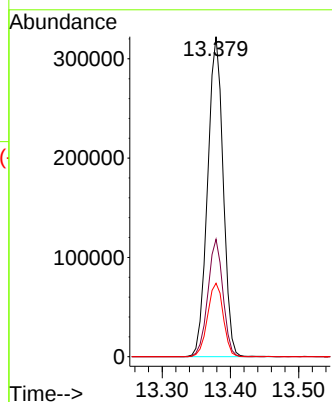
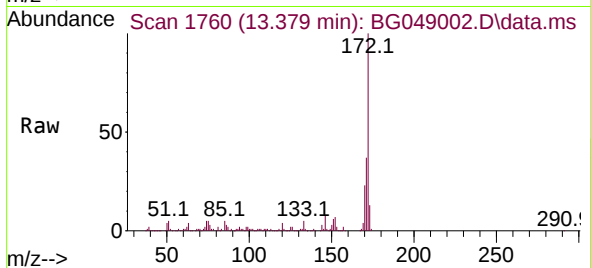




#45
2-Fluorobiphenyl
Concen: 89.65 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

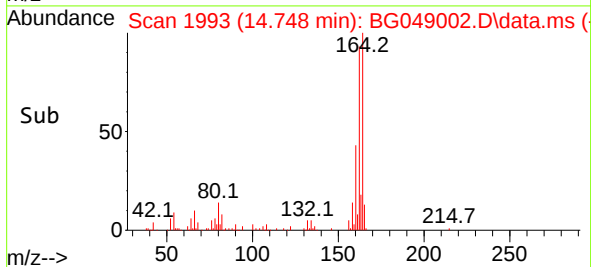
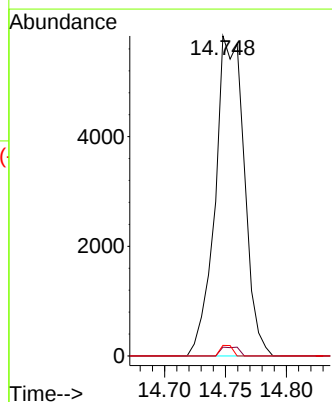
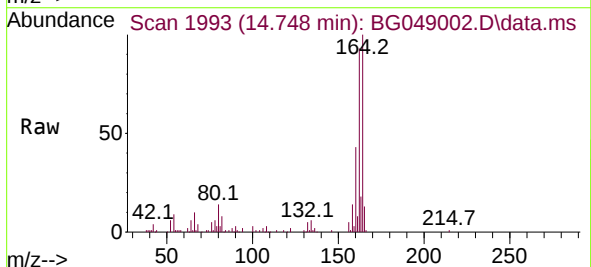
Instrument :
BNA_G
ClientSampleId :
17-B6(32-36)

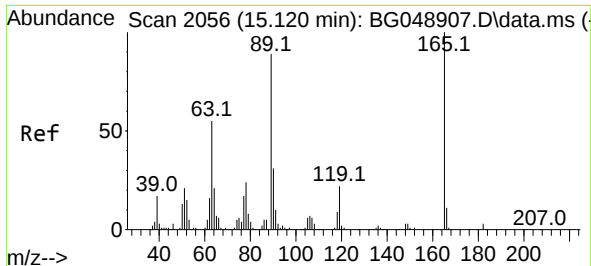
Tgt Ion:	172	Resp:	509616
Ion Ratio	Lower	Upper	
172	100		
171	36.7	28.6	43.0
170	23.0	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 14.748 min Scan# 1993
Delta R.T. 0.424 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

Tgt Ion:	165	Resp:	9654
Ion Ratio	Lower	Upper	
165	100		
63	2.7	63.3	94.9#
89	3.3	63.4	95.0#

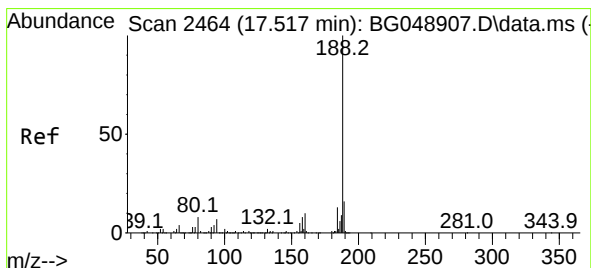
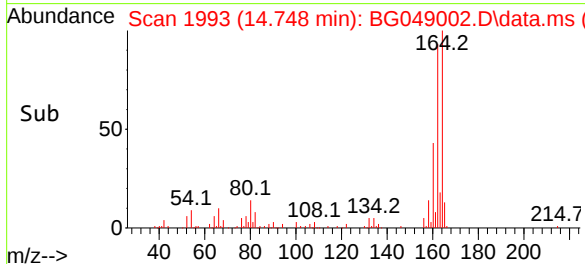
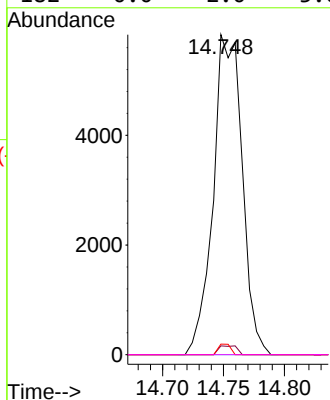
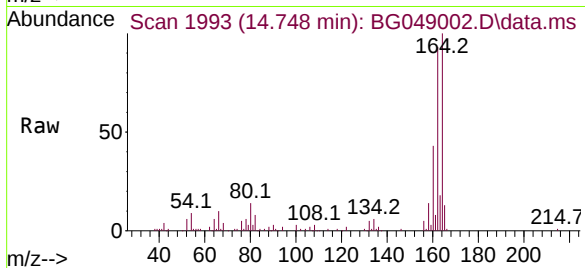




#57
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.363 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

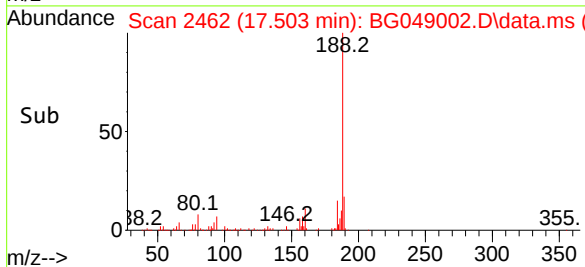
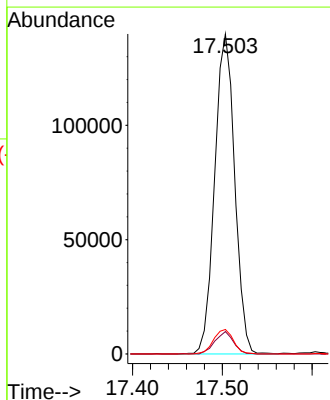
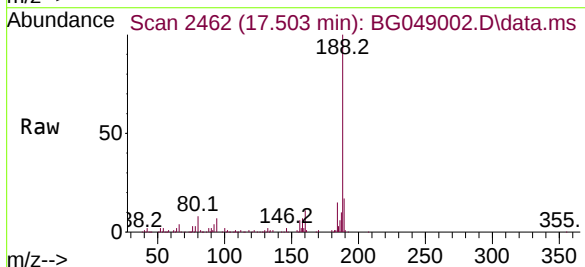
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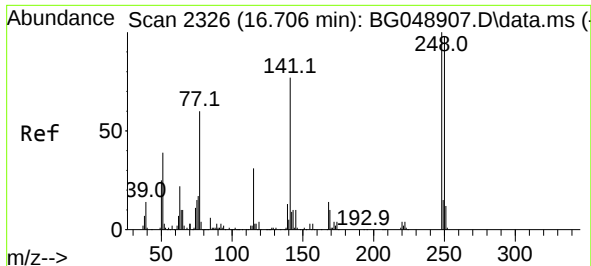
Tgt Ion:165	Resp:	9654
Ion Ratio	Lower	Upper
165	100	
63	2.7	48.0 72.0#
89	3.3	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

Tgt Ion:188	Resp:	216232
Ion Ratio	Lower	Upper
188	100	
94	7.0	5.4 8.0
80	7.7	3.7 5.5#

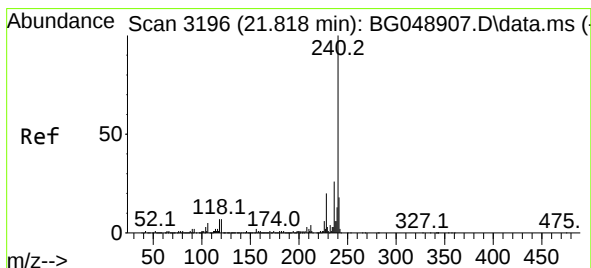
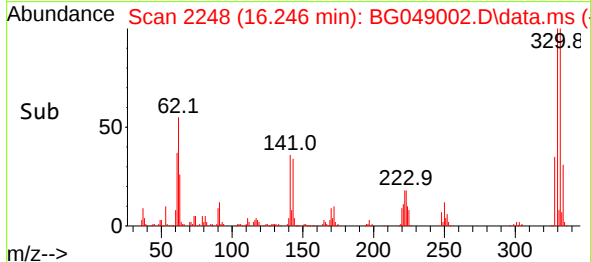
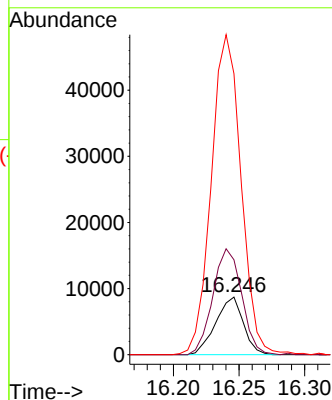
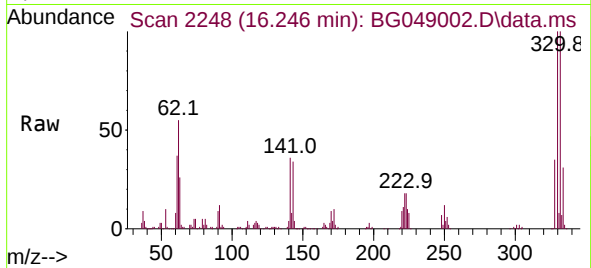




#67
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.446 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

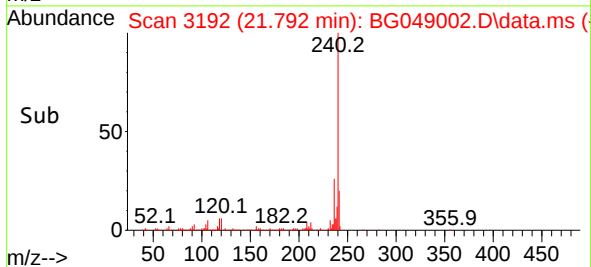
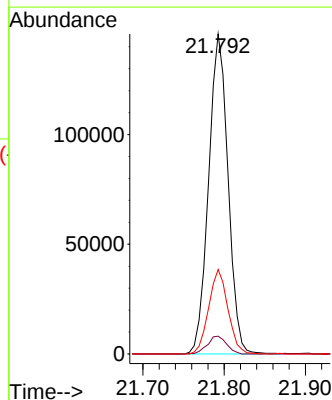
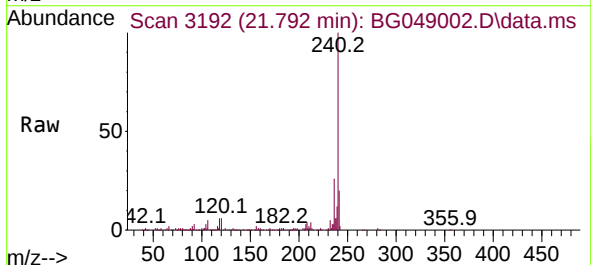
Instrument :
BNA_G
ClientSampled :
17-B6(32-36)

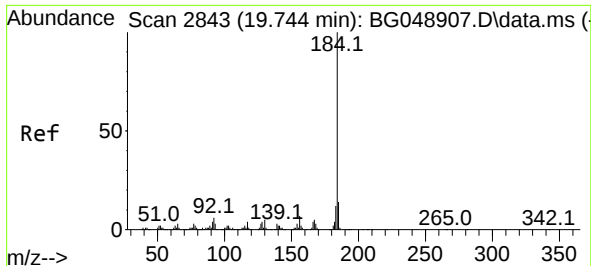
Tgt Ion:248 Resp: 12735
Ion Ratio Lower Upper
248 100
250 164.9 76.1 114.1#
141 488.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3192
Delta R.T. -0.005 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

Tgt Ion:240 Resp: 242136
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.4 21.8 32.6

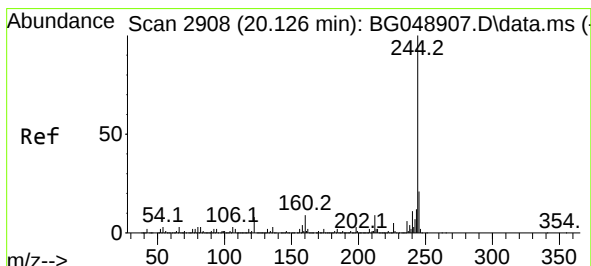
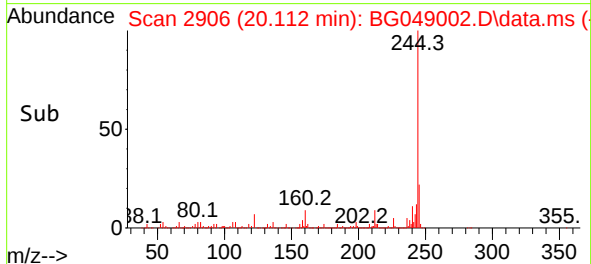
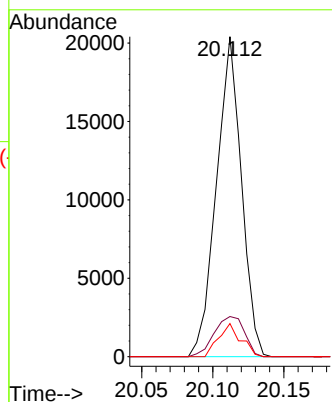
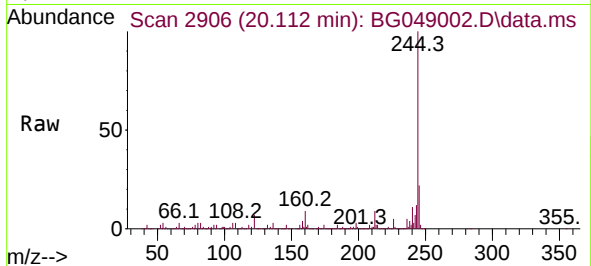




#77
Benzidine
Concen: 5.11 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.383 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

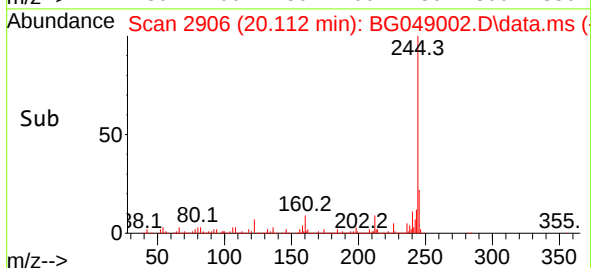
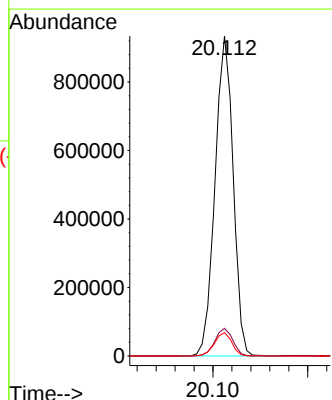
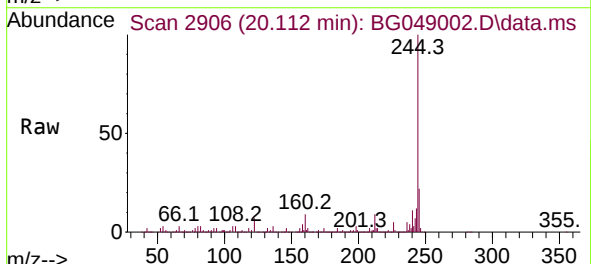
Instrument :
BNA_G
ClientSampleId :
17-B6(32-36)

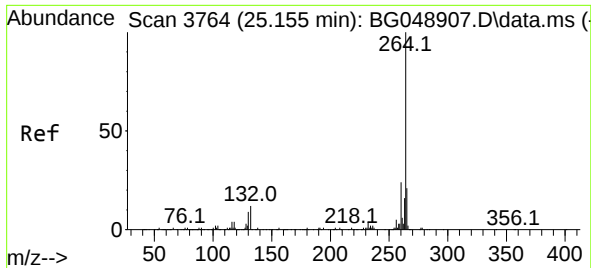
Tgt Ion:184 Resp: 24911
Ion Ratio Lower Upper
184 100
185 12.6 10.7 16.1
183 10.3 9.4 14.0



#79
Terphenyl-d14
Concen: 93.78 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.001 min
Lab File: BG049002.D
Acq: 16 Jun 2021 17:56

Tgt Ion:244 Resp: 1239831
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 7.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.124 min Scan# 3759
 Delta R.T. -0.005 min
 Lab File: BG049002.D
 Acq: 16 Jun 2021 17:56

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(32-36)

Tgt Ion:264 Resp: 246281
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.5 16.9 25.3

