

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049103.D
 Acq On : 25 Jun 2021 23:29
 Operator : CG/JU
 Sample : M2843-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-062421

Quant Time: Jun 26 01:35:52 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)

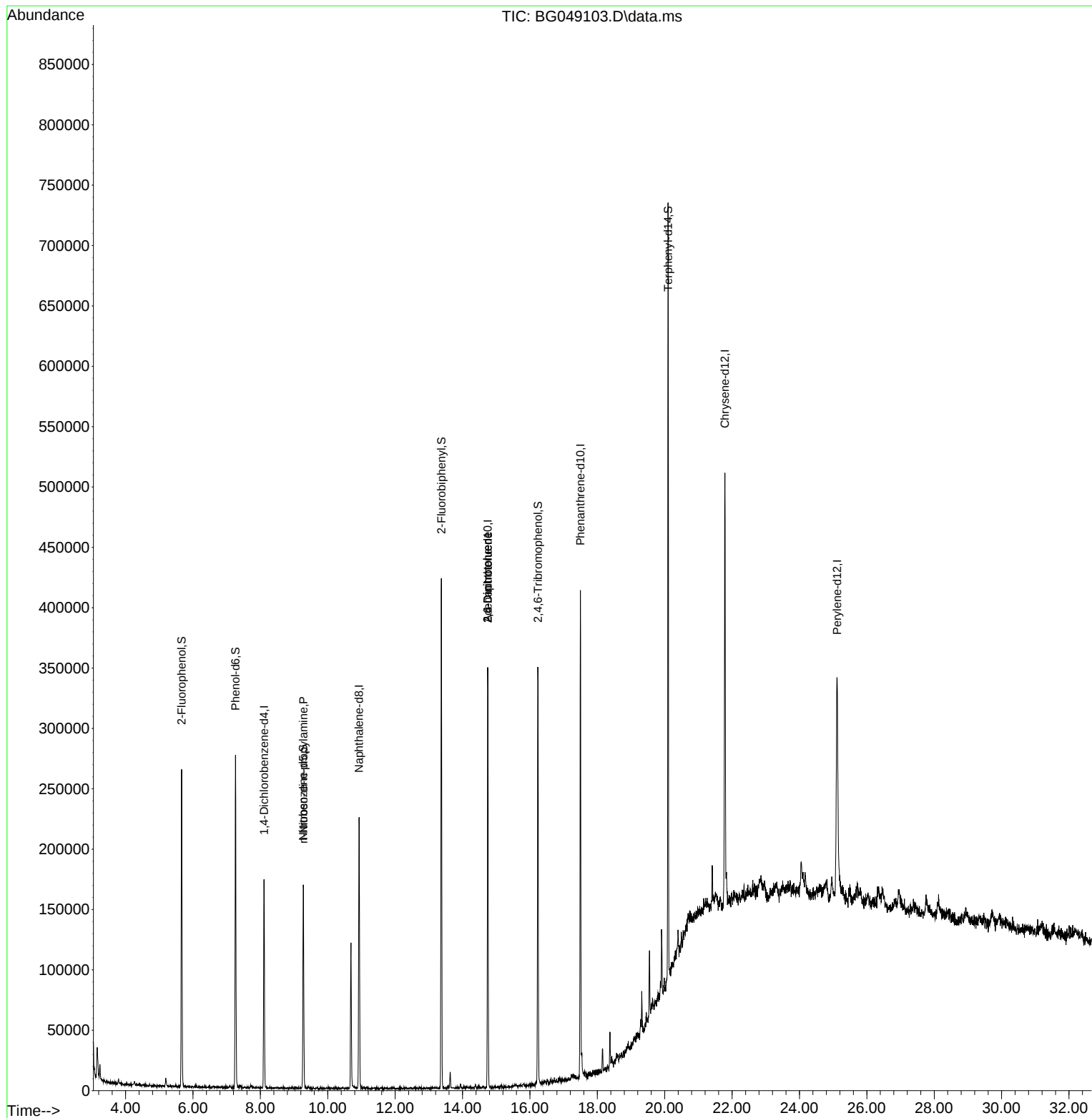
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	45810	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	185392	20.000	ng	# 0.00
39) Acenaphthene-d10	14.747	164	127856	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	255534	20.000	ng	# 0.00
76) Chrysene-d12	21.786	240	231292	20.000	ng	0.00
86) Perylene-d12	25.117	264	233887	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	106895	36.324	ng	0.00
7) Phenol-d6	7.262	99	140790	31.920	ng	0.00
23) Nitrobenzene-d5	9.271	82	102122	23.752	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	73392	38.744	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	225973	24.967	ng	0.00
79) Terphenyl-d14	20.100	244	313892	24.855	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	15164	4.398	ng	# 76
51) 2,6-Dinitrotoluene	14.747	165	16269	8.021	ng	# 11
57) 2,4-Dinitrotoluene	14.747	165	16269	6.530	ng	# 17

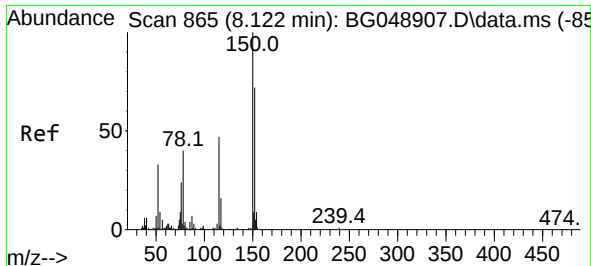
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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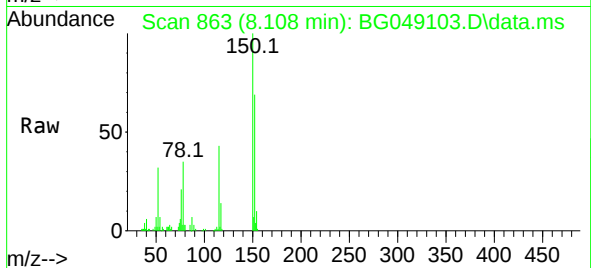
Quant Time: Jun 26 01:35:52 2021
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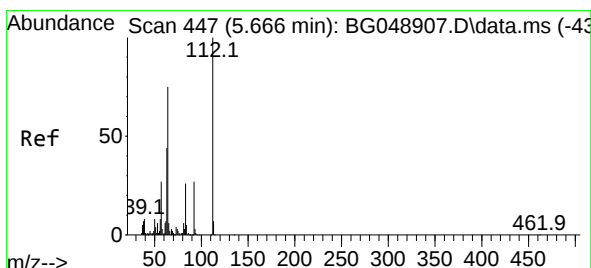
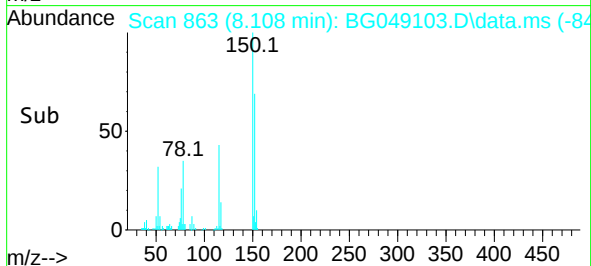
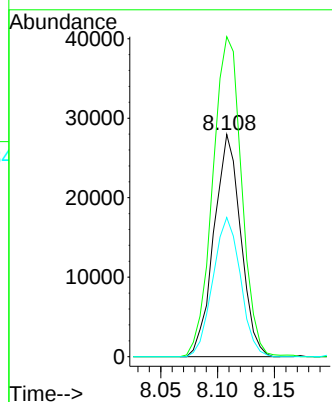


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 863
Delta R.T. 0.003 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

Instrument :
BNA_G
ClientSampleId :
OR-02-062421

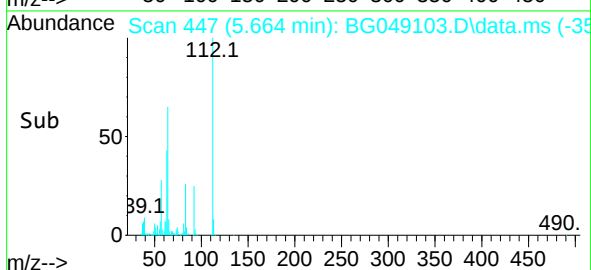
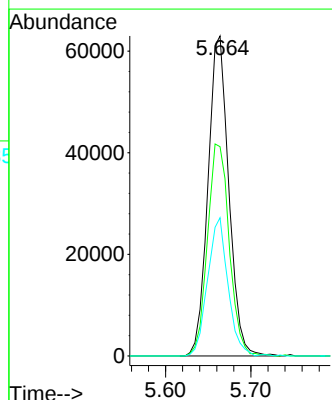
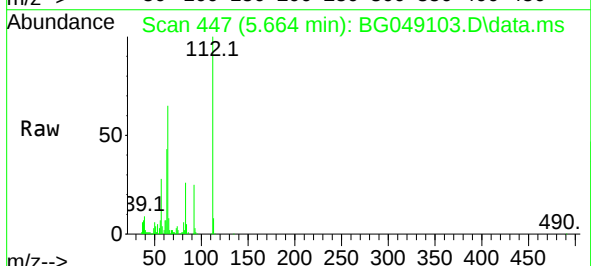


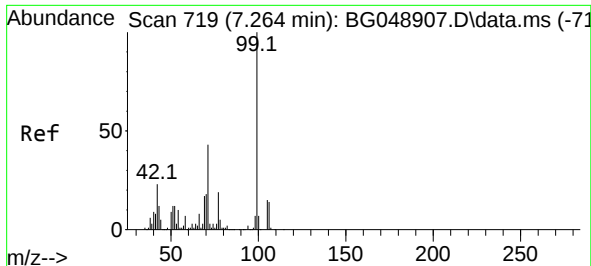
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.0	119.4	179.0
115	62.6	60.2	90.4



#5
2-Fluorophenol
Concen: 36.324 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.008 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.7	70.1
63	43.2	35.3	52.9

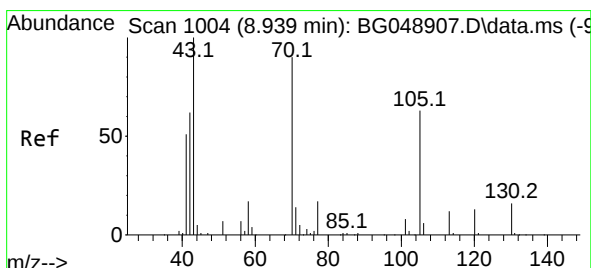
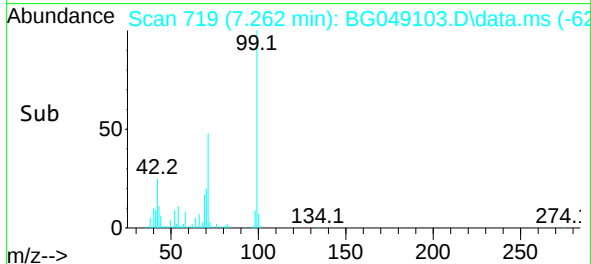
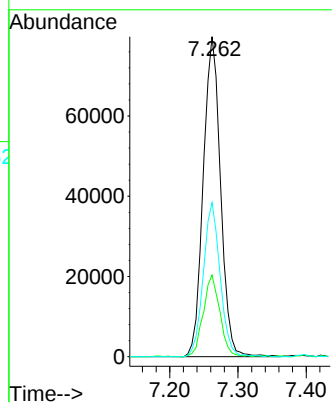
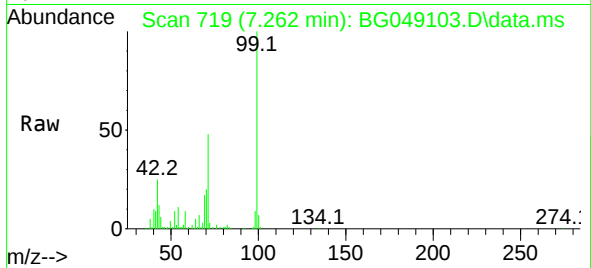




#7
Phenol-d6
Concen: 31.920 ng
RT: 7.262 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

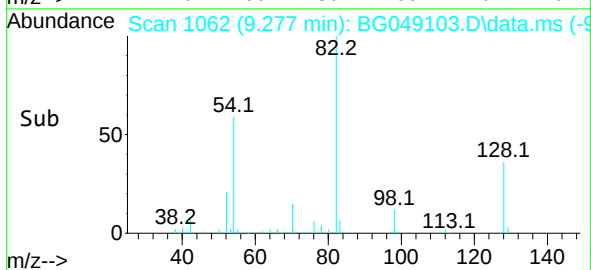
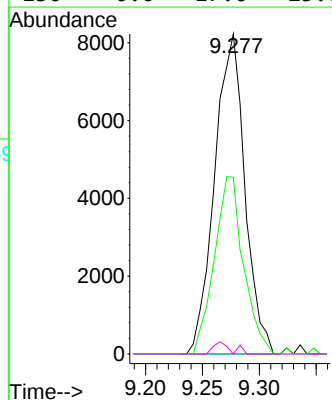
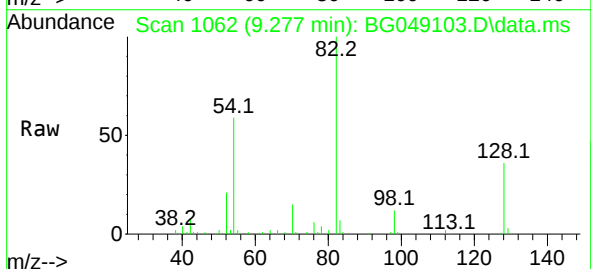
Instrument :
BNA_G
ClientSampleId :
OR-02-062421

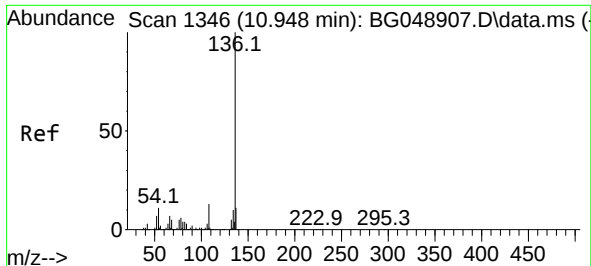
Tgt Ion:	99	Resp:	140790
Ion	Ratio	Lower	Upper
99	100		
42	25.5	20.5	30.7
71	48.2	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 4.398 ng
RT: 9.277 min Scan# 1062
Delta R.T. 0.367 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

Tgt Ion:	70	Resp:	15164
Ion	Ratio	Lower	Upper
70	100		
42	55.3	54.5	81.7
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

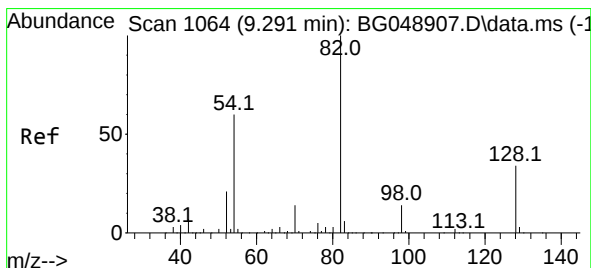
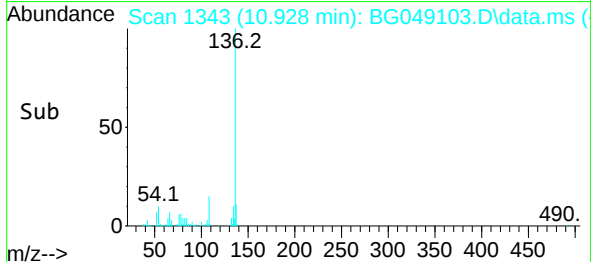
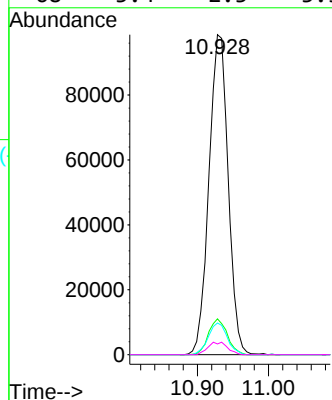
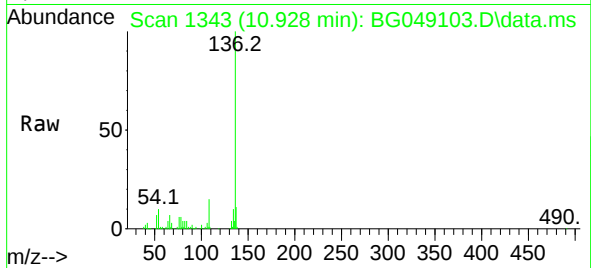




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1343
Delta R.T. 0.002 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

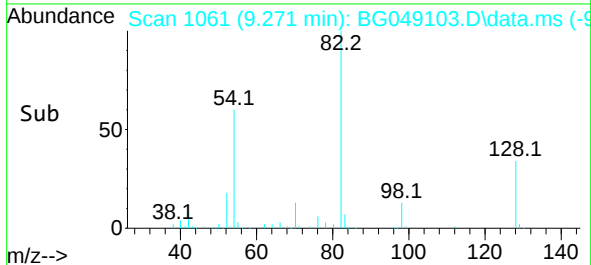
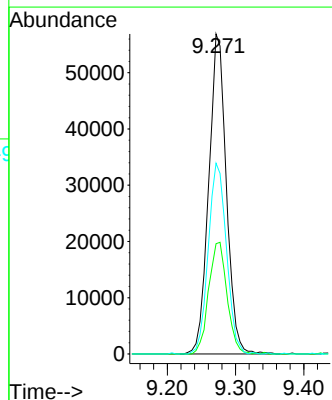
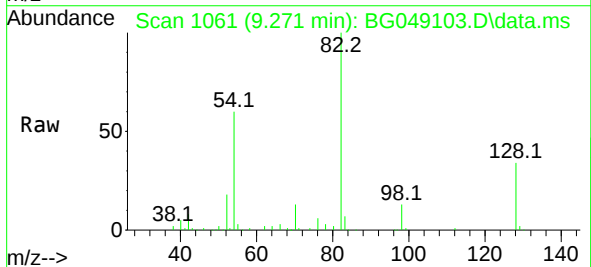
Instrument :
BNA_G
ClientSampleId :
OR-02-062421

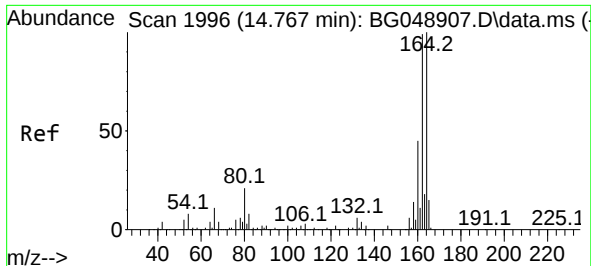
Tgt Ion:	136	Resp:	185392
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	9.9	5.5	8.3#
68	3.4	2.3	3.5



#23
Nitrobenzene-d5
Concen: 23.752 ng
RT: 9.271 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

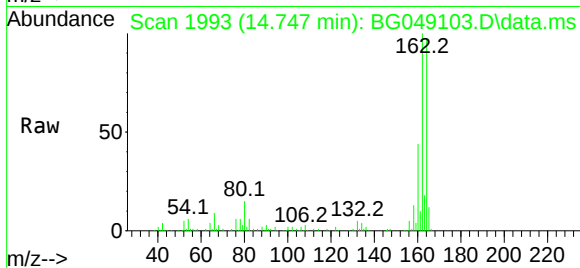
Tgt Ion:	82	Resp:	102122
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.8	44.6
54	59.6	45.8	68.8



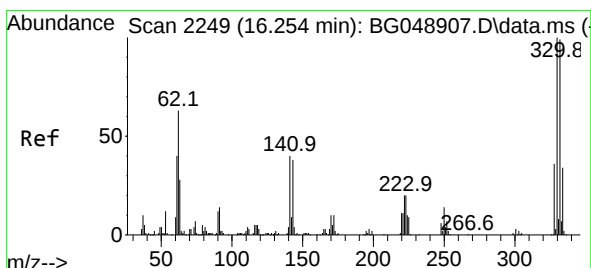
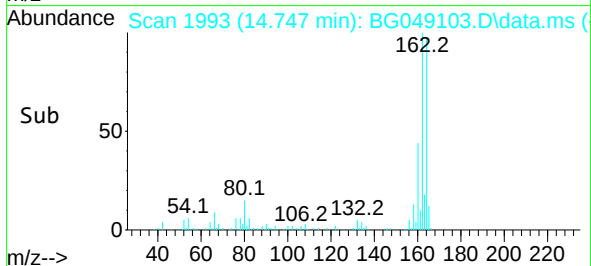
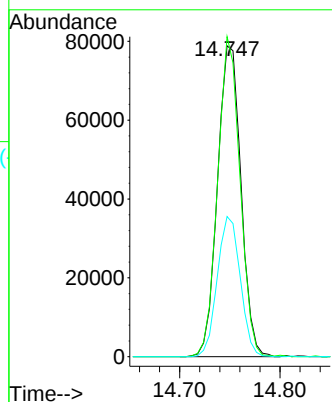


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

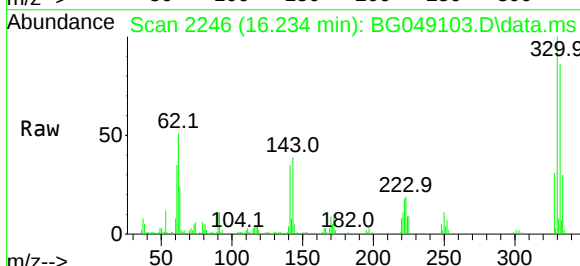
Instrument :
BNA_G
ClientSampleId :
OR-02-062421



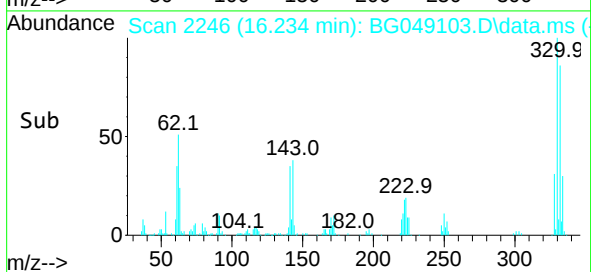
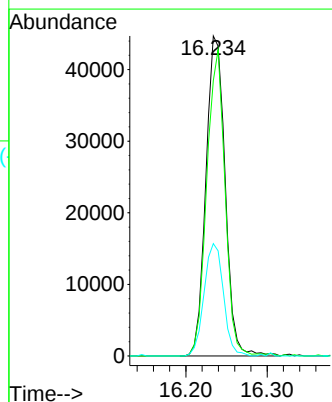
Tgt Ion:164 Resp: 127856
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 45.1 34.9 52.3

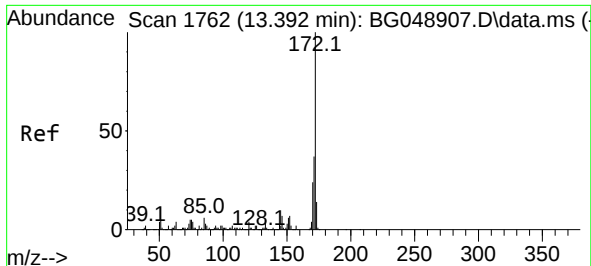


#42
2,4,6-Tribromophenol
Concen: 38.744 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29



Tgt Ion:330 Resp: 73392
Ion Ratio Lower Upper
330 100
332 90.8 77.3 115.9
141 35.3 35.6 53.4#

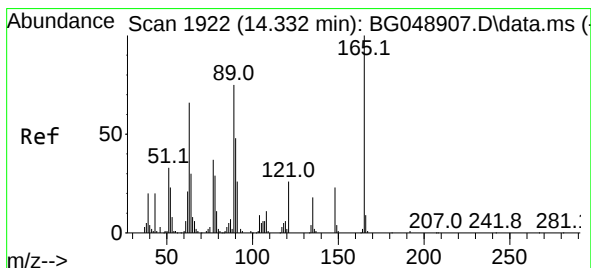
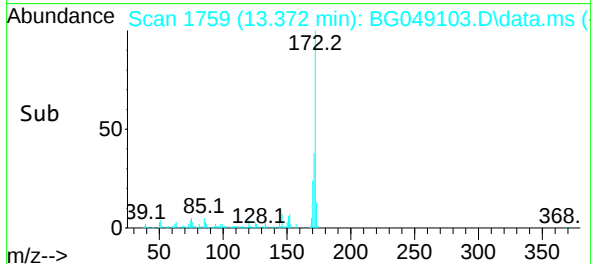
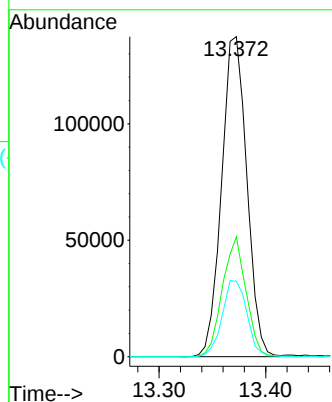
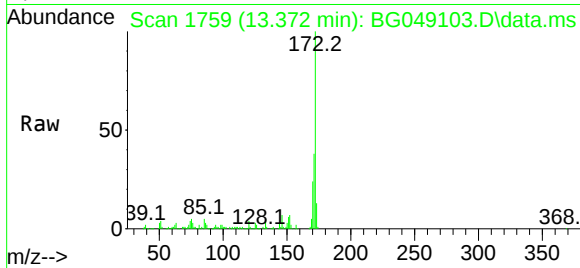




#45
2-Fluorobiphenyl
Concen: 24.967 ng
RT: 13.372 min Scan# 1759
Delta R.T. 0.002 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

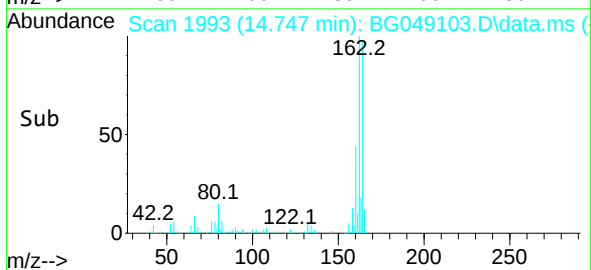
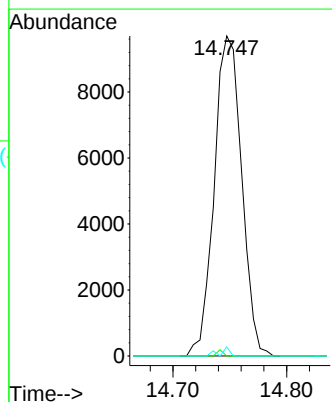
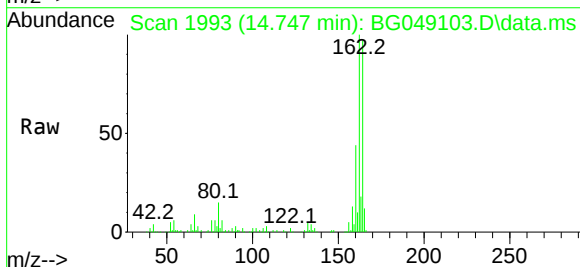
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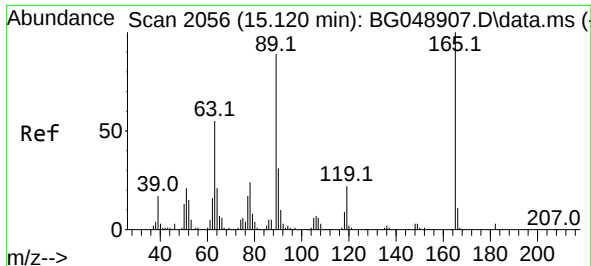
Tgt Ion:172 Resp: 225973
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.021 ng
RT: 14.747 min Scan# 1993
Delta R.T. 0.431 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

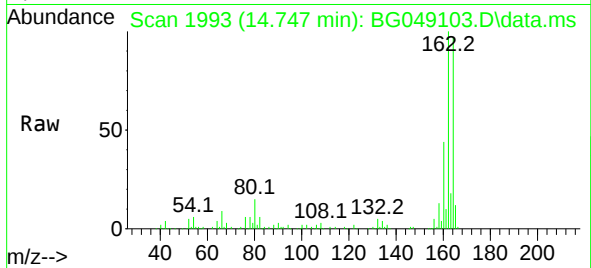
Tgt Ion:165 Resp: 16269
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.8 63.4 95.0#



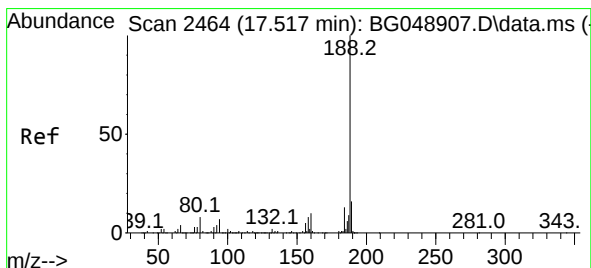
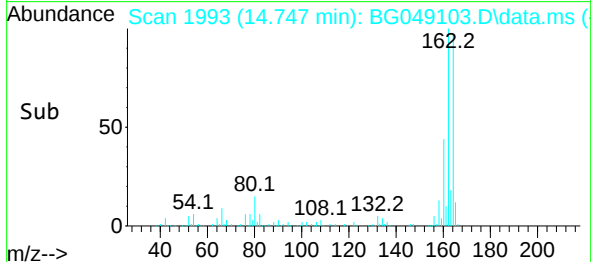
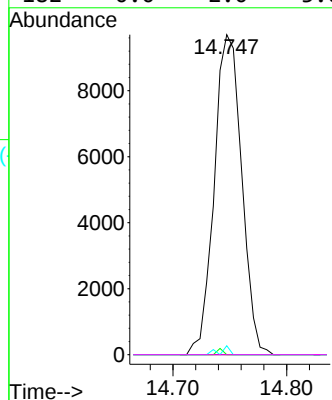


#57
2,4-Dinitrotoluene
Concen: 6.530 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.356 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

Instrument :
BNA_G
ClientSampleId :
OR-02-062421

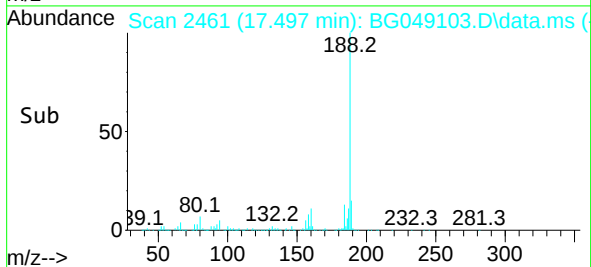
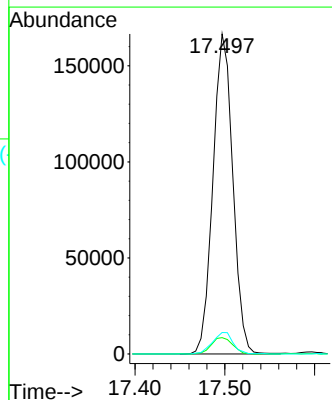
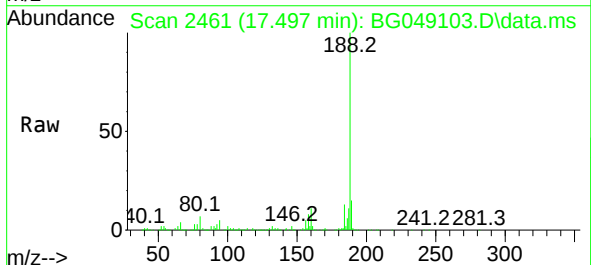


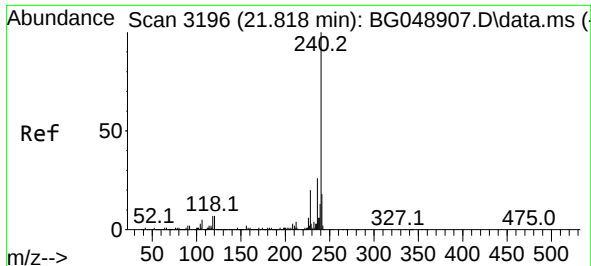
Tgt Ion:165 Resp: 16269
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

Tgt Ion:188 Resp: 255534
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.7 3.7 5.5#

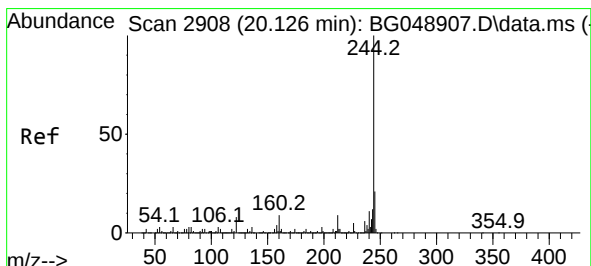
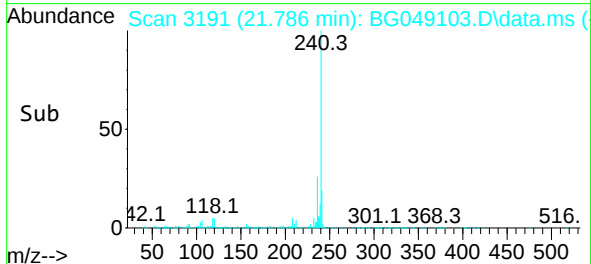
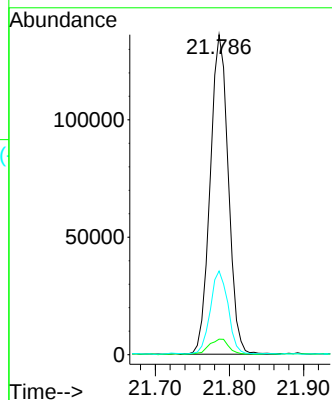
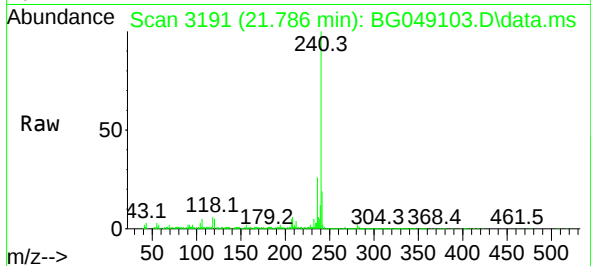




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.786 min Scan# 3191
Delta R.T. -0.003 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

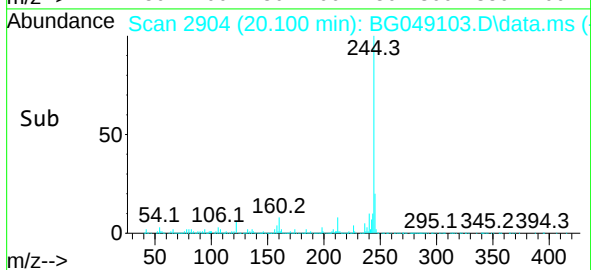
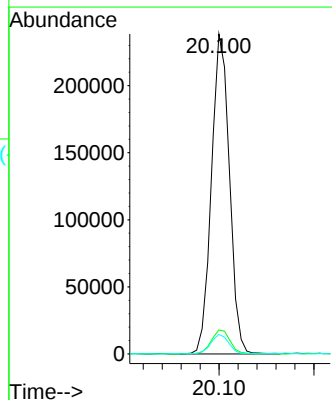
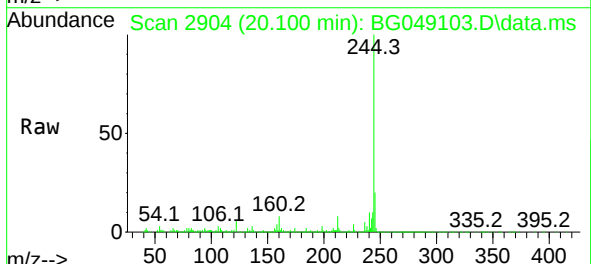
Instrument :
BNA_G
ClientSampleId :
OR-02-062421

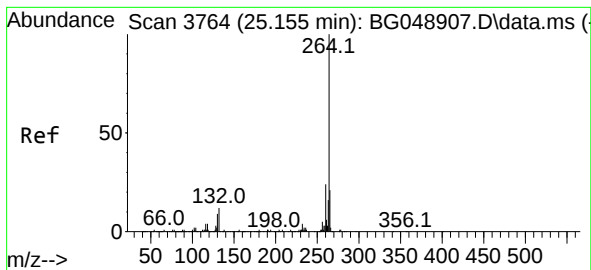
Tgt Ion:240 Resp: 231292
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 26.2 21.8 32.6



#79
Terphenyl-d14
Concen: 24.855 ng
RT: 20.100 min Scan# 2904
Delta R.T. -0.003 min
Lab File: BG049103.D
Acq: 25 Jun 2021 23:29

Tgt Ion:244 Resp: 313892
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 6.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.117 min Scan# 3758
 Delta R.T. 0.014 min
 Lab File: BG049103.D
 Acq: 25 Jun 2021 23:29

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-062421

Tgt Ion:264 Resp: 233887

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.4	29.2
265	23.0	16.9	25.3

