

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
 Data File : BG049025.D
 Acq On : 18 Jun 2021 18:35
 Operator : CG/JU
 Sample : M2709-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0235-COMPOSITE-L

Quant Time: Jun 19 00:51:01 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)

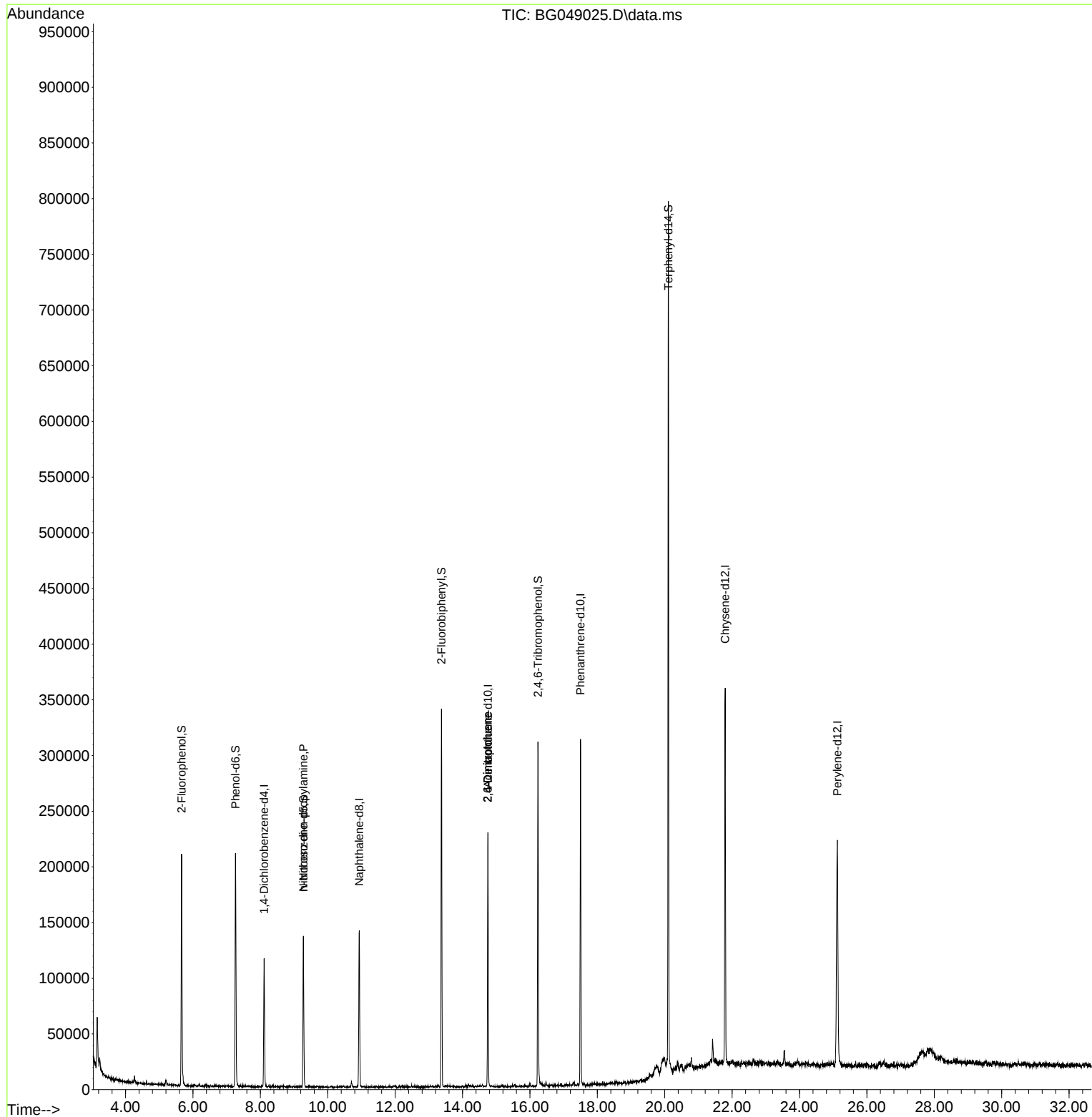
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	28766	20.00	ng	0.00
21) Naphthalene-d8	10.936	136	111869	20.00	ng	# 0.00
39) Acenaphthene-d10	14.755	164	82097	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	199107	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	217455	20.00	ng	0.00
86) Perylene-d12	25.120	264	230122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	90321	48.88	ng	0.00
7) Phenol-d6	7.264	99	113913	41.13	ng	0.00
23) Nitrobenzene-d5	9.280	82	79794	30.76	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	62607	51.47	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	171798	29.56	ng	0.00
79) Terphenyl-d14	20.108	244	356494	30.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	11873	5.48	ng	# 67
51) 2,6-Dinitrotoluene	14.750	165	10469	8.04	ng	# 12
57) 2,4-Dinitrotoluene	14.750	165	10469	6.54	ng	# 17

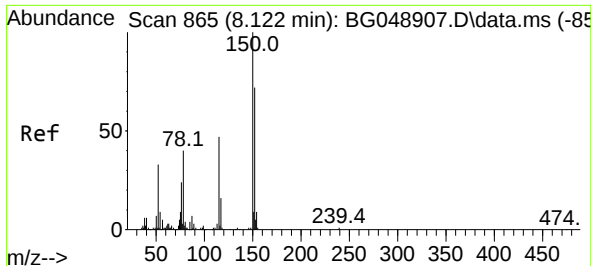
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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0235-COMPOSITE-L

Quant Time: Jun 19 00:51:01 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

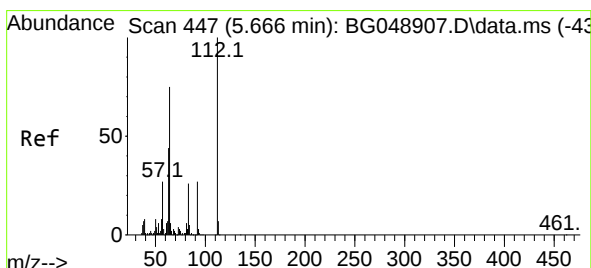
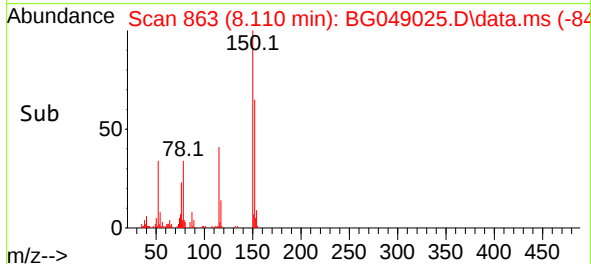
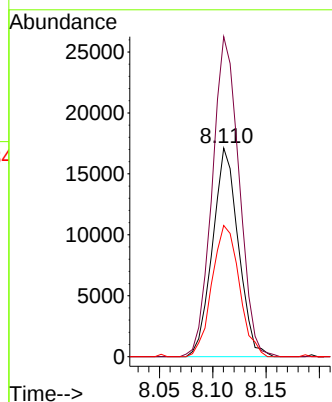
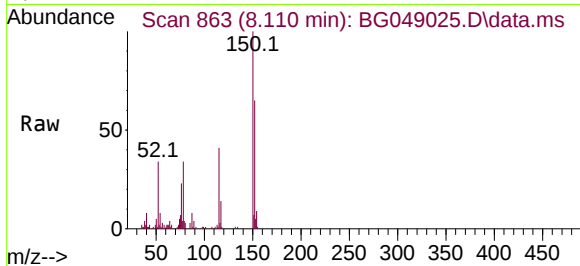




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

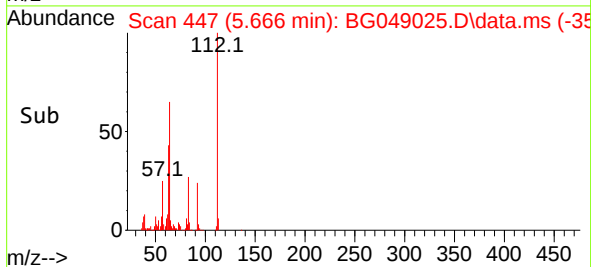
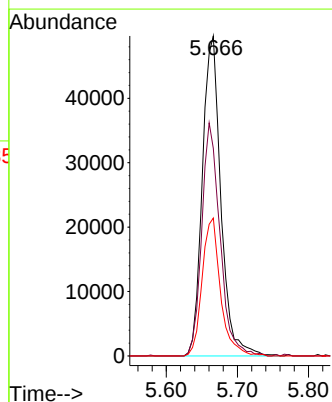
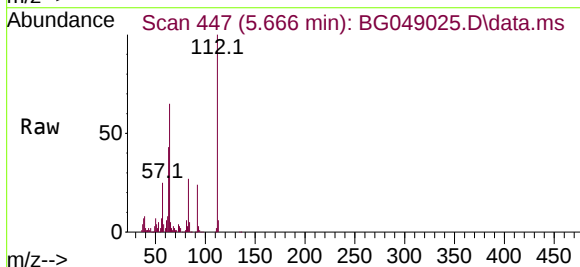
Instrument :
BNA_G
ClientSampleId :
0235-COMPOSITE-L

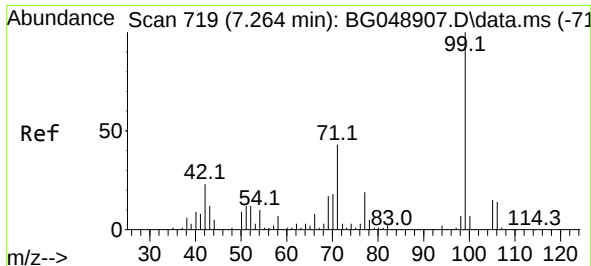
Tgt Ion:152 Resp: 28766
Ion Ratio Lower Upper
152 100
150 153.4 119.4 179.0
115 62.9 60.2 90.4



#5
2-Fluorophenol
Concen: 48.88 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.003 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

Tgt Ion:112 Resp: 90321
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 43.1 35.3 52.9

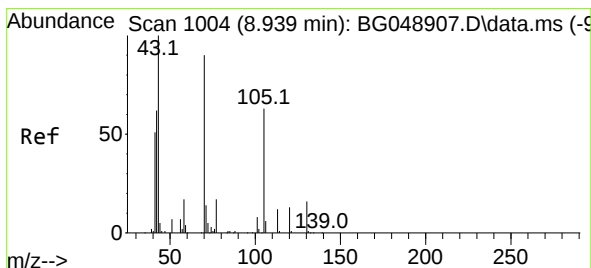
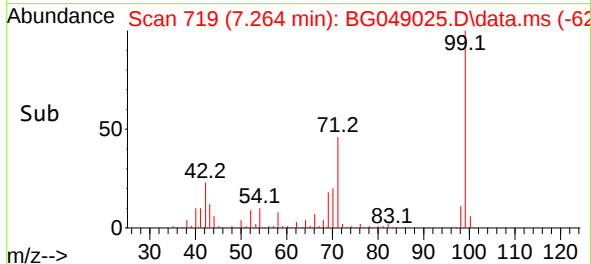
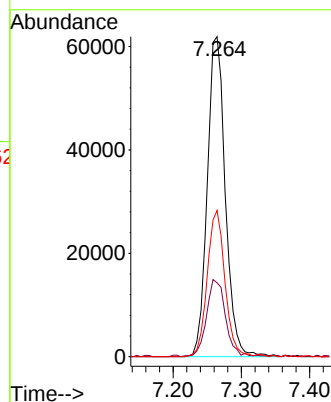
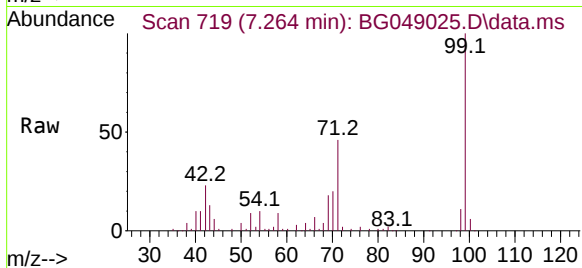




#7
Phenol-d6
Concen: 41.13 ng
RT: 7.264 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

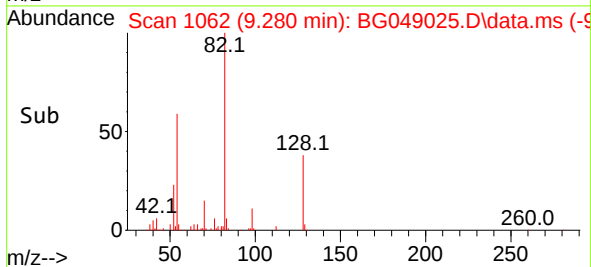
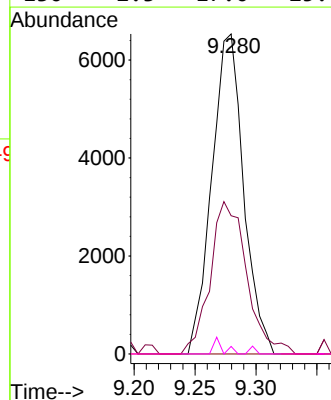
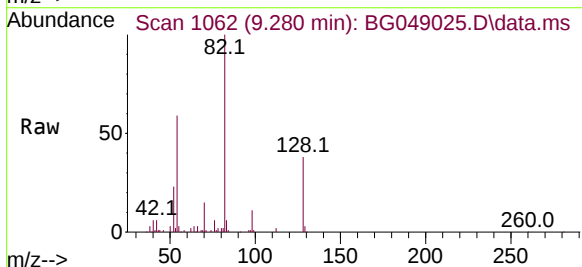
Instrument :
BNA_G
ClientSampleId :
0235-COMPOSITE-L

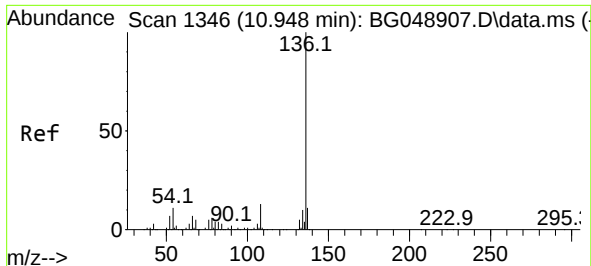
Tgt Ion: 99 Resp: 113913
Ion Ratio Lower Upper
99 100
42 23.1 20.5 30.7
71 45.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 5.48 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.355 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

Tgt Ion: 70 Resp: 11873
Ion Ratio Lower Upper
70 100
42 43.2 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

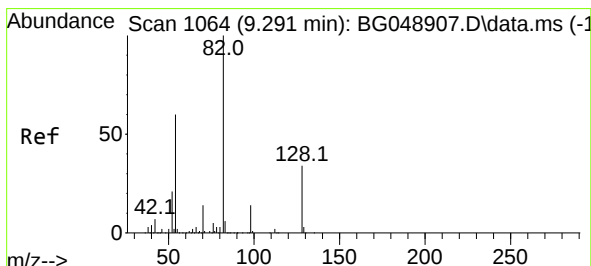
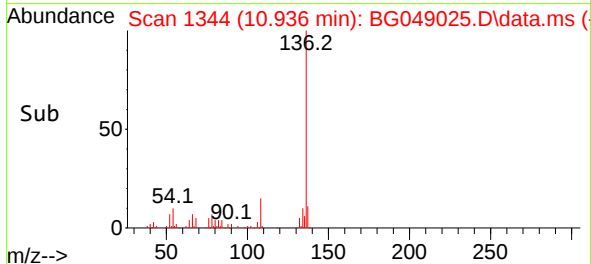
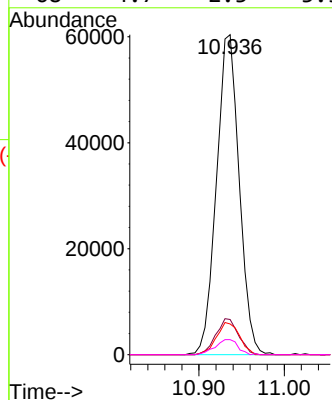
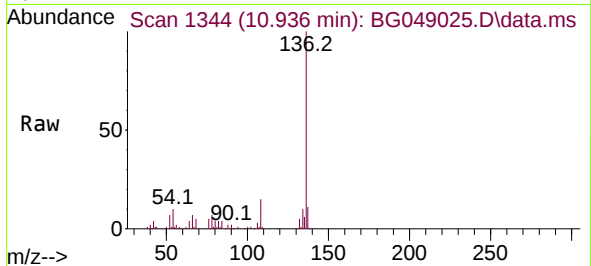




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.936 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

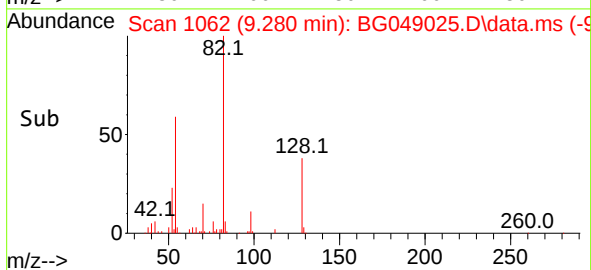
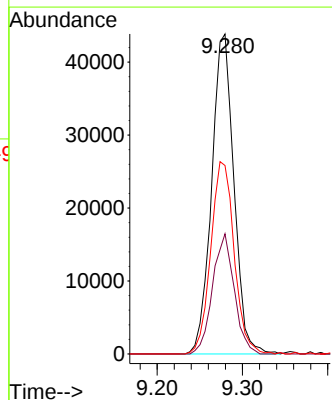
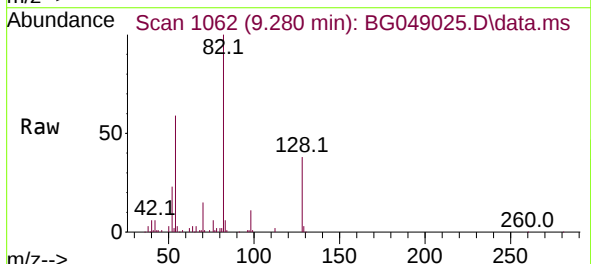
Instrument :
BNA_G
ClientSampleId :
0235-COMPOSITE-L

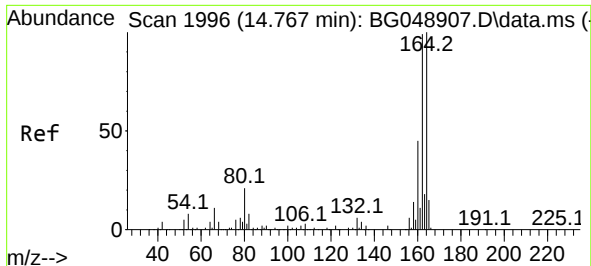
Tgt Ion:	136	Resp:	111869
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	9.6	5.5	8.3#
68	4.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 30.76 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

Tgt Ion:	82	Resp:	79794
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.8	44.6
54	58.9	45.8	68.8

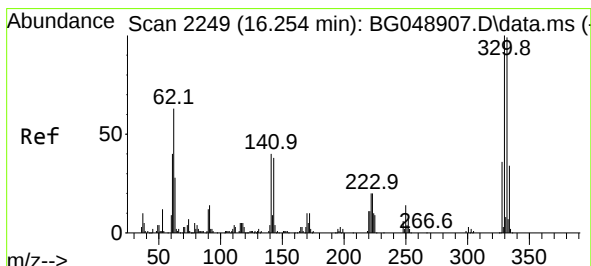
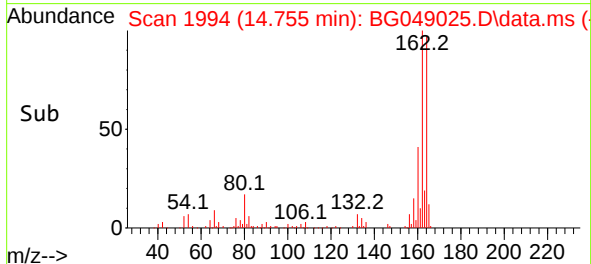
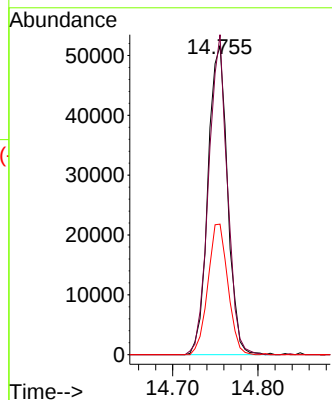
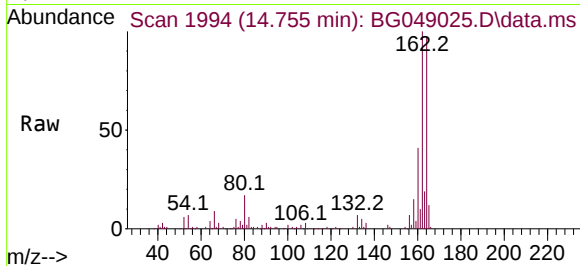




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.755 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

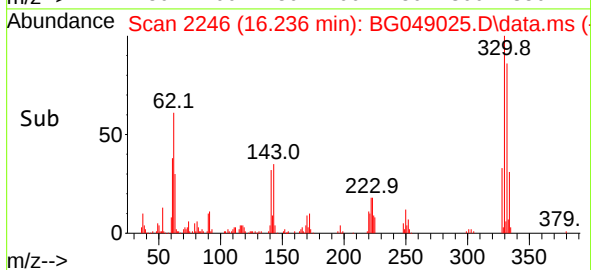
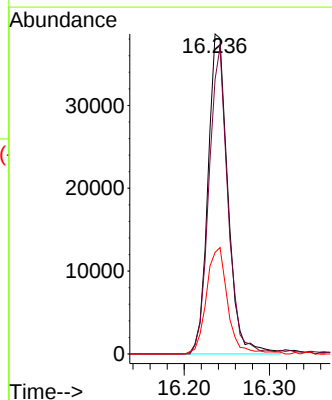
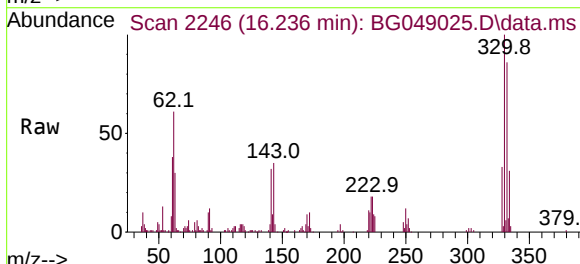
Instrument :
BNA_G
ClientSampleId :
0235-COMPOSITE-L

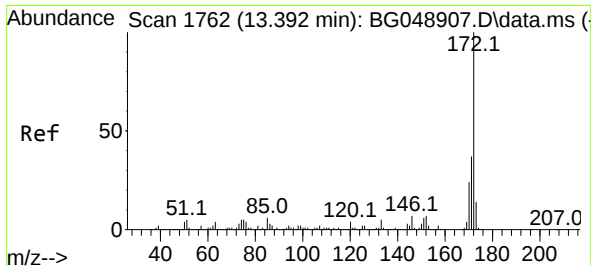
Tgt Ion:164 Resp: 82097
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 42.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 51.47 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.009 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

Tgt Ion:330 Resp: 62607
Ion Ratio Lower Upper
330 100
332 91.8 77.3 115.9
141 35.5 35.6 53.4#

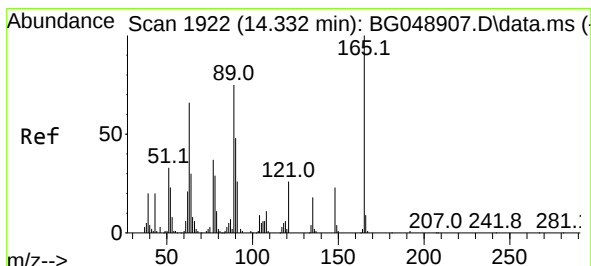
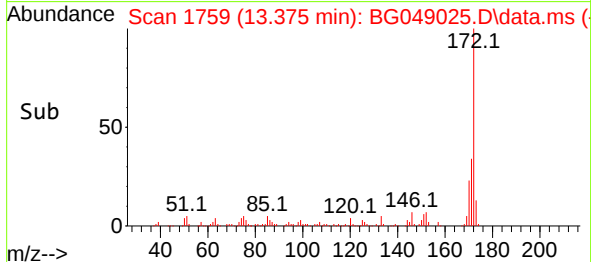
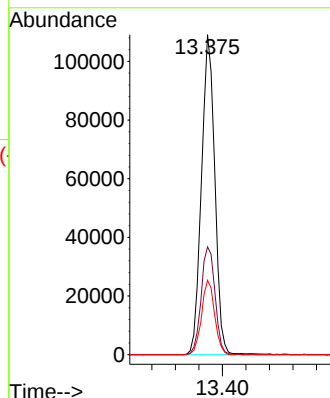
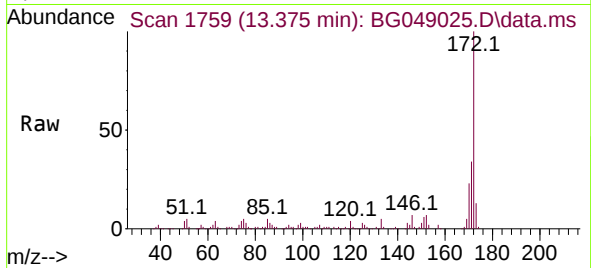




#45
2-Fluorobiphenyl
Concen: 29.56 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.009 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

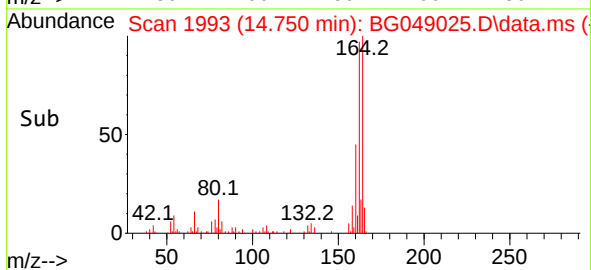
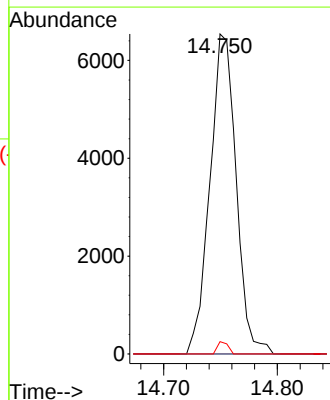
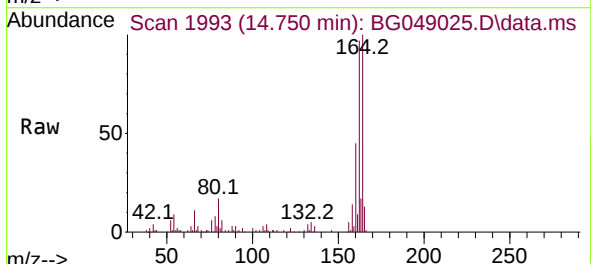
Instrument :
BNA_G
ClientSampleId :
0235-COMPOSITE-L

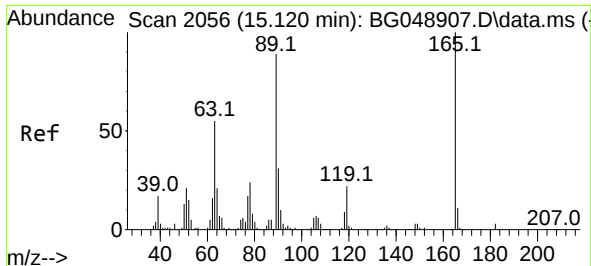
Tgt Ion:172 Resp: 171798
Ion Ratio Lower Upper
172 100
171 33.7 28.6 43.0
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

Tgt Ion:165 Resp: 10469
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.8 63.4 95.0#

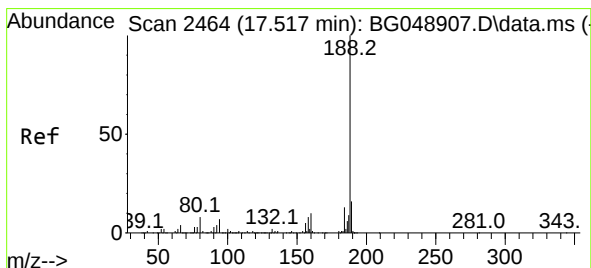
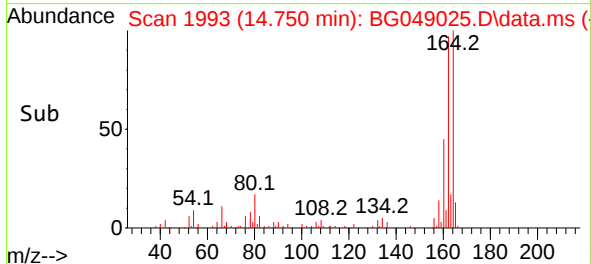
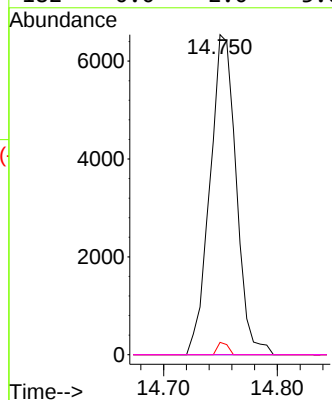
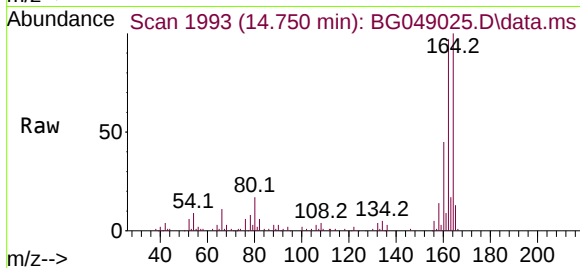




#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.362 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

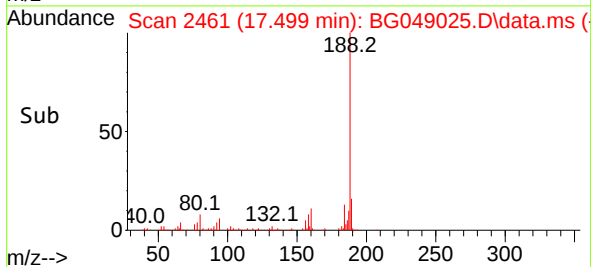
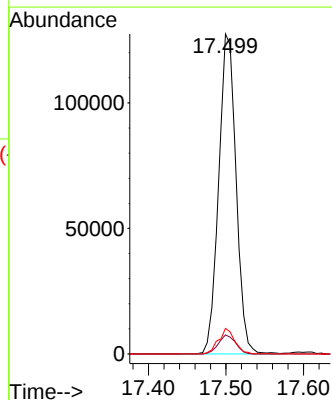
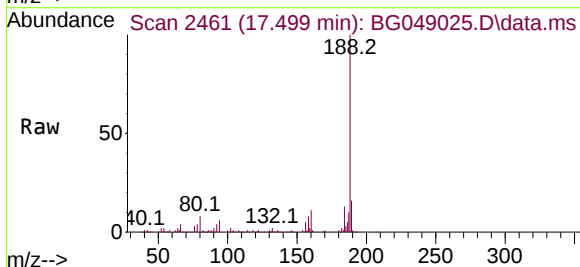
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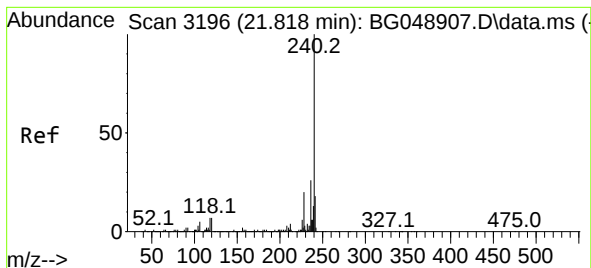
Tgt Ion:165	Resp:	10469
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	3.8	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

Tgt Ion:188	Resp:	199107
Ion Ratio	Lower	Upper
188	100	
94	5.9	5.4 8.0
80	8.0	3.7 5.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.794 min Scan# 3192

Delta R.T. -0.003 min

Lab File: BG049025.D

Acq: 18 Jun 2021 18:35

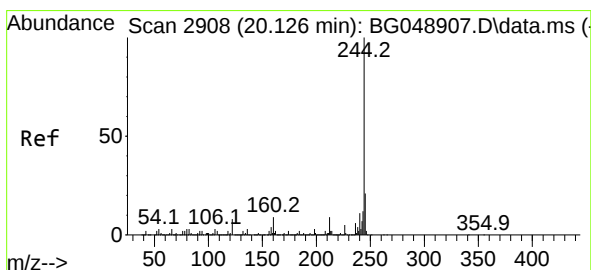
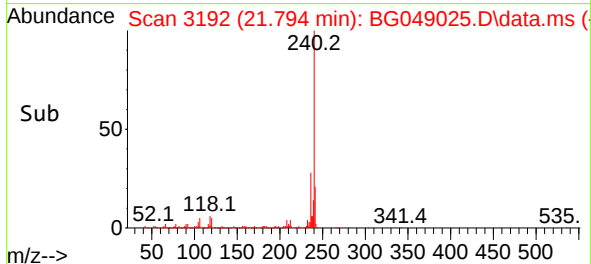
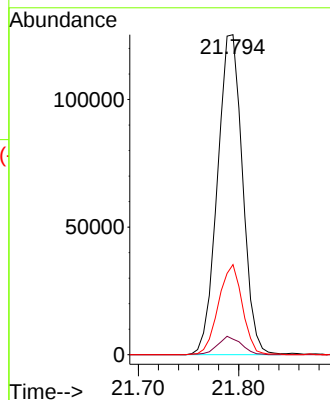
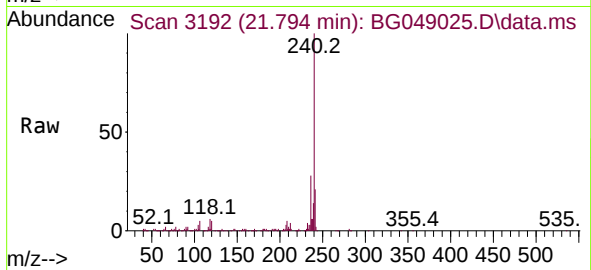
Tgt Ion:240 Resp: 217455

Ion Ratio Lower Upper

240 100

120 4.8 4.2 6.2

236 28.1 21.8 32.6



#79

Terphenyl-d14

Concen: 30.02 ng

RT: 20.108 min Scan# 2905

Delta R.T. -0.003 min

Lab File: BG049025.D

Acq: 18 Jun 2021 18:35

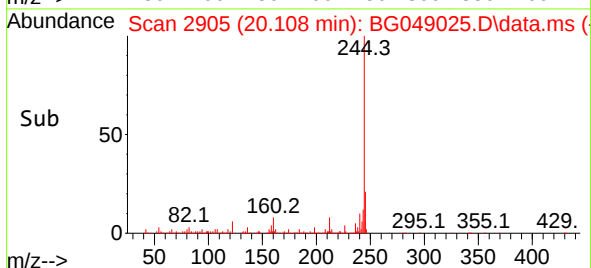
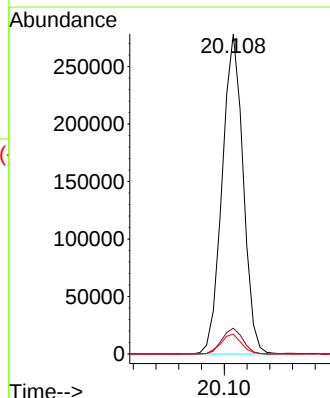
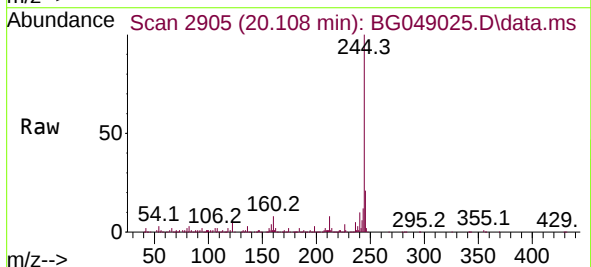
Tgt Ion:244 Resp: 356494

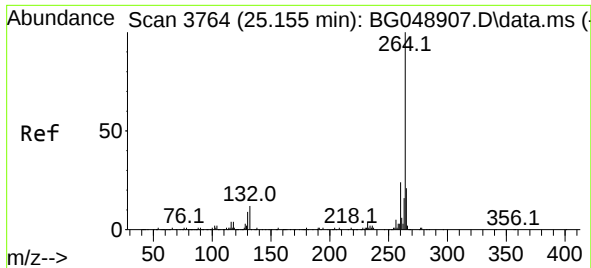
Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

122 6.2 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.120 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BG049025.D
Acq: 18 Jun 2021 18:35

Instrument :
BNA_G
ClientSampleId :
0235-COMPOSITE-L

Tgt Ion:264 Resp: 230122

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.4	16.9	25.3

