

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
 Data File : BG049034.D
 Acq On : 21 Jun 2021 16:01
 Operator : CG/JU
 Sample : M2764-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHC-250EM-001

Quant Time: Jun 21 17:17:36 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

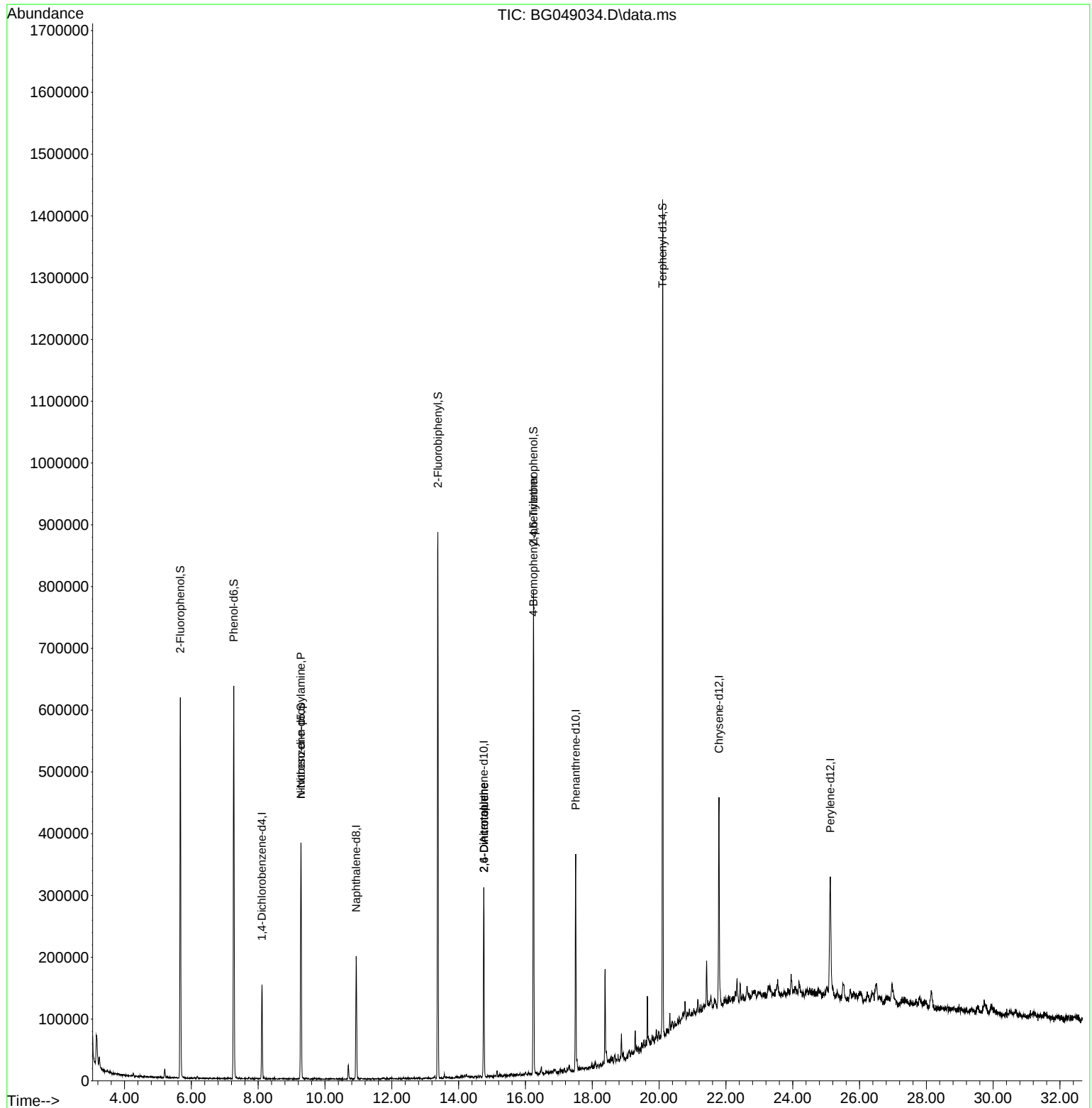
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	38227	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	158475	20.000	ng	# 0.00
39) Acenaphthene-d10	14.753	164	107224	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	221136	20.000	ng	# 0.00
76) Chrysene-d12	21.792	240	211909	20.000	ng	0.00
86) Perylene-d12	25.123	264	213152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	242645	98.810	ng	0.00
7) Phenol-d6	7.268	99	318993	86.669	ng	0.00
23) Nitrobenzene-d5	9.277	82	230138	62.619	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	150173	94.532	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	461058	60.744	ng	0.00
79) Terphenyl-d14	20.106	244	642142	55.497	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	34040	11.832	ng	# 75
51) 2,6-Dinitrotoluene	14.759	165	14269	8.389	ng	# 13
57) 2,4-Dinitrotoluene	14.759	165	14269	6.830	ng	# 18
67) 4-Bromophenyl-phenylether	16.234	248	9831	3.560	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
Data File : BG049034.D
Acq On : 21 Jun 2021 16:01
Operator : CG/JU
Sample : M2764-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PHC-250EM-001

Quant Time: Jun 21 17:17:36 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

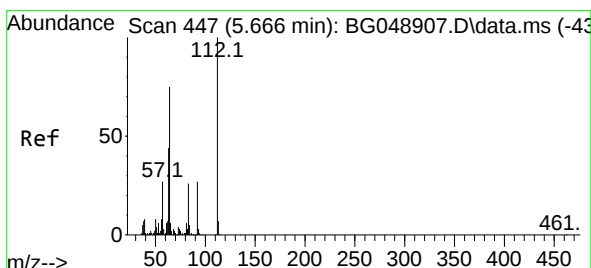
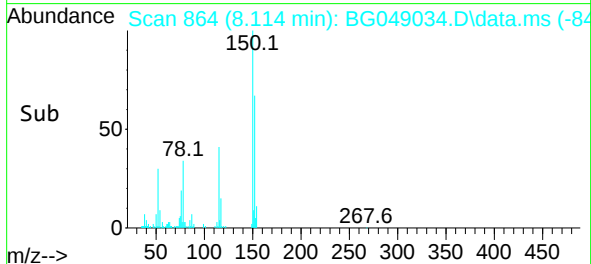
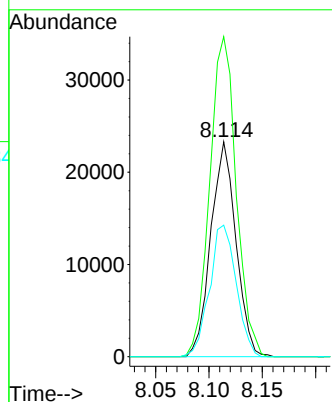
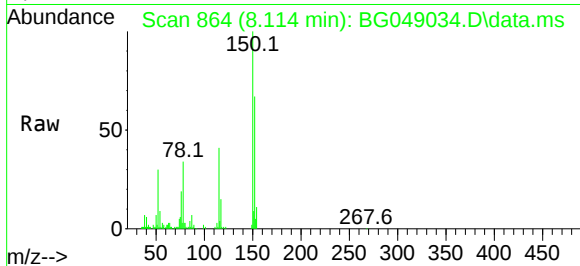




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 864
Delta R.T. -0.000 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

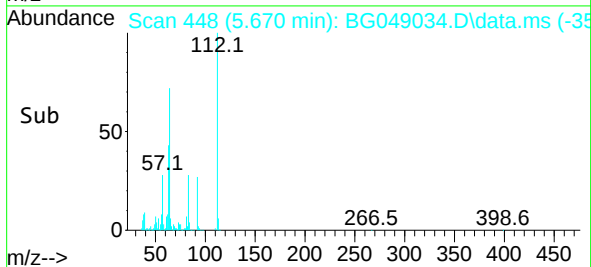
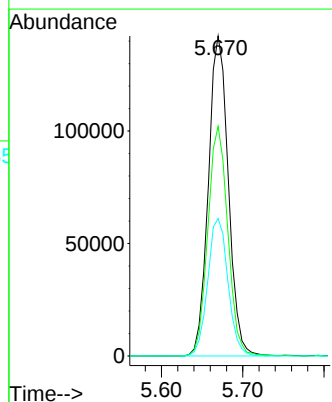
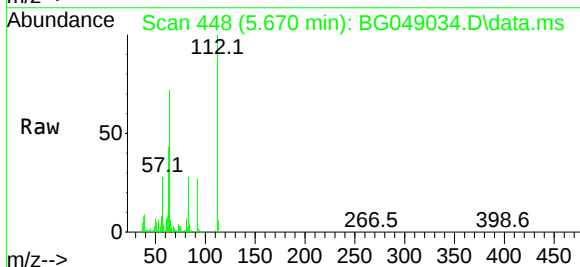
Instrument :
BNA_G
ClientSampleId :
PHC-250EM-001

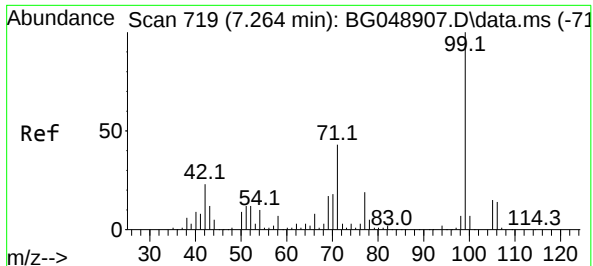
Tgt Ion:152 Resp: 38227
Ion Ratio Lower Upper
152 100
150 148.9 119.4 179.0
115 61.2 60.2 90.4



#5
2-Fluorophenol
Concen: 98.810 ng
RT: 5.670 min Scan# 448
Delta R.T. 0.006 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

Tgt Ion:112 Resp: 242645
Ion Ratio Lower Upper
112 100
64 71.7 46.7 70.1#
63 42.9 35.3 52.9

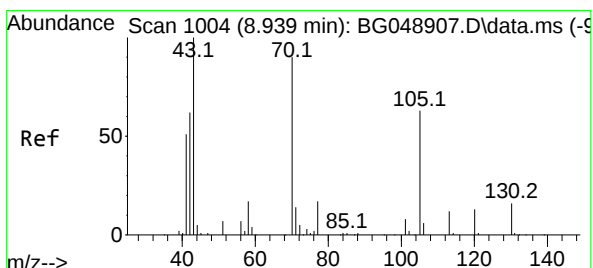
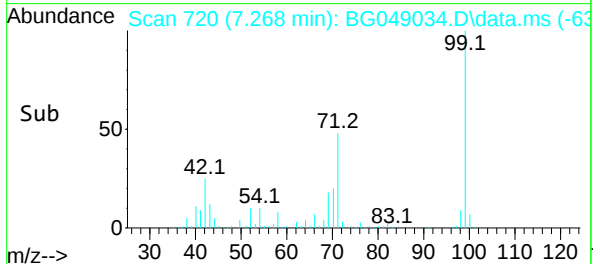
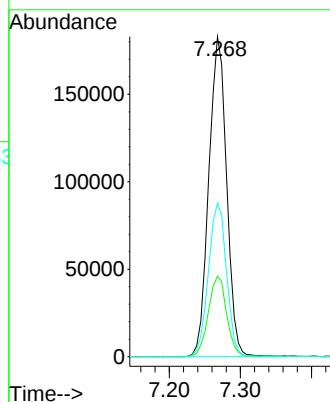
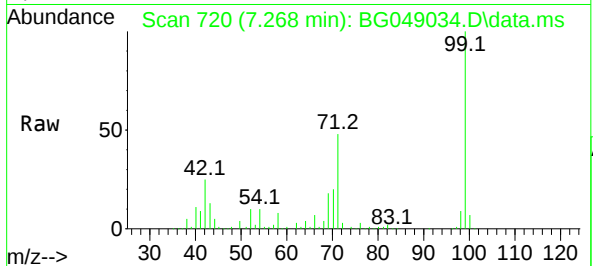




#7
Phenol-d6
Concen: 86.669 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.000 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

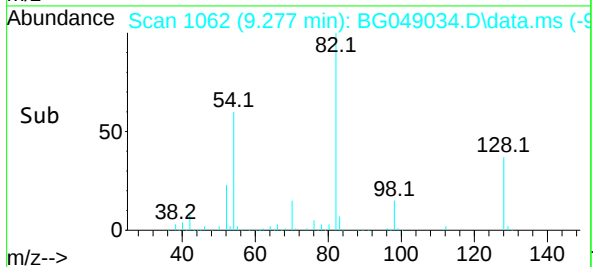
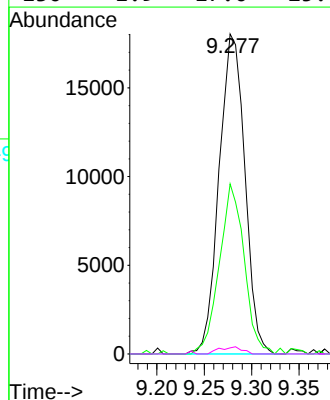
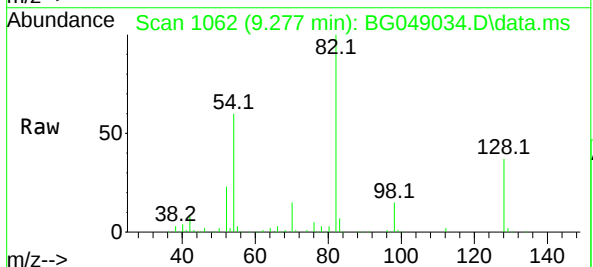
Instrument :
BNA_G
ClientSampleId :
PHC-250EM-001

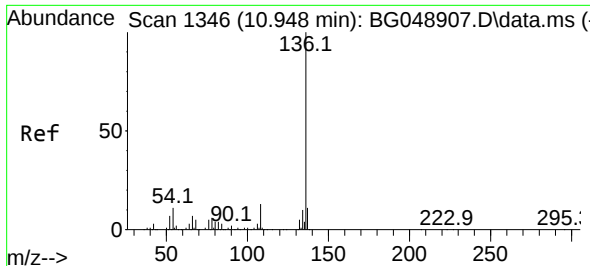
Tgt Ion: 99 Resp: 318993
Ion Ratio Lower Upper
99 100
42 25.2 20.5 30.7
71 48.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.832 ng
RT: 9.277 min Scan# 1062
Delta R.T. 0.353 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

Tgt Ion: 70 Resp: 34040
Ion Ratio Lower Upper
70 100
42 53.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#



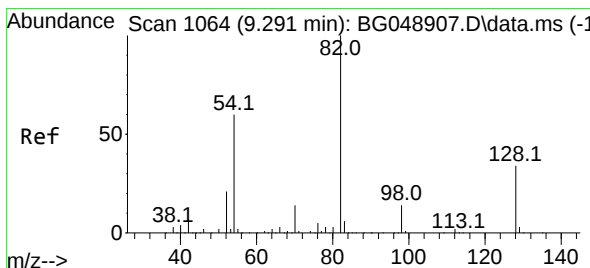
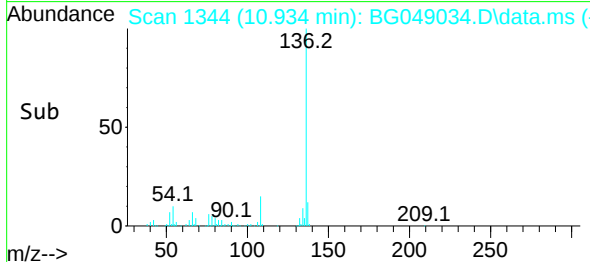
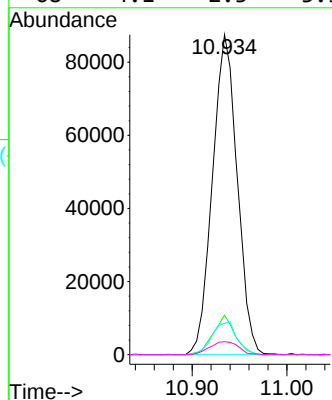
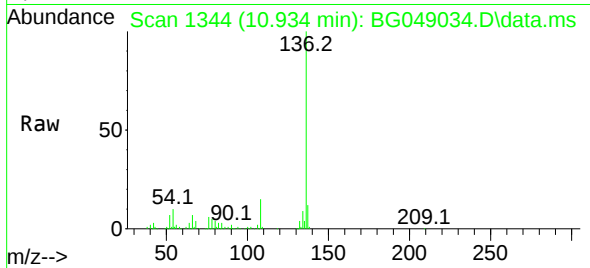


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

Instrument :
BNA_G
ClientSampleId :
PHC-250EM-001

Tgt Ion:136 Resp: 158475

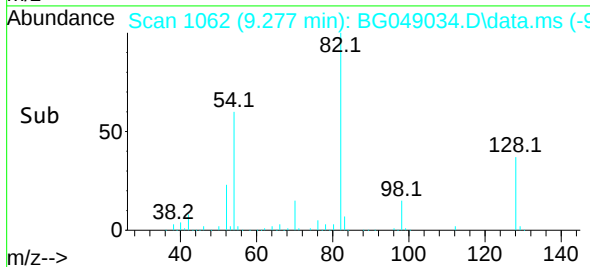
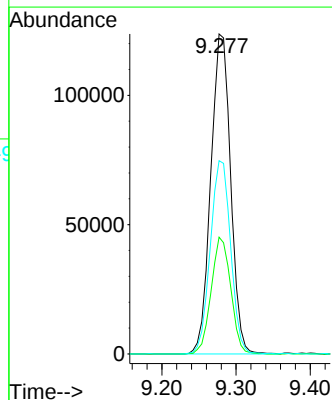
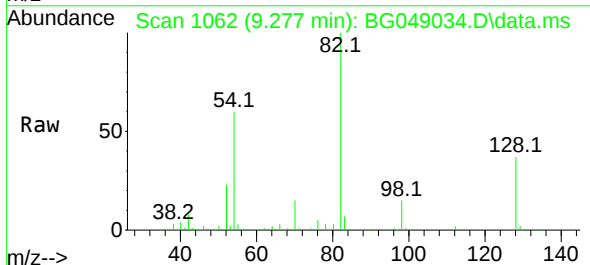
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.2	12.2#
54	9.8	5.5	8.3#
68	4.1	2.3	3.5#

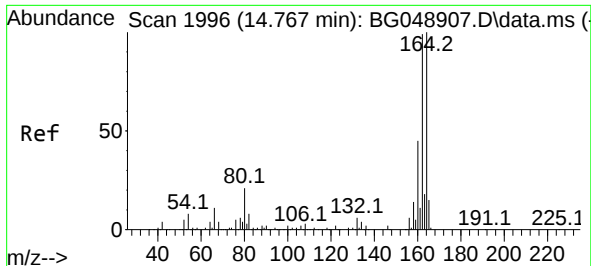


#23
Nitrobenzene-d5
Concen: 62.619 ng
RT: 9.277 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

Tgt Ion: 82 Resp: 230138

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.8	44.6
54	60.4	45.8	68.8

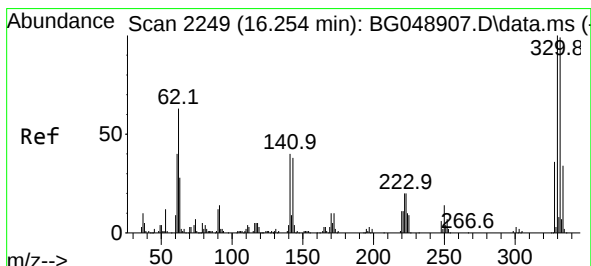
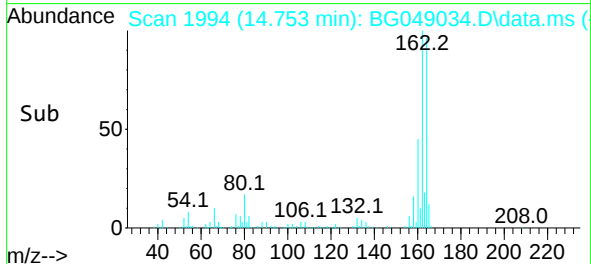
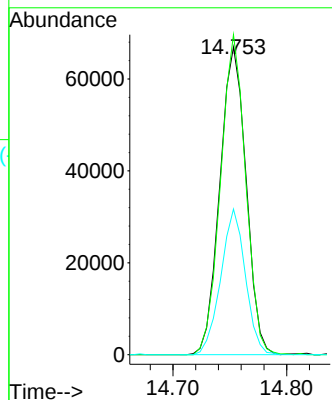
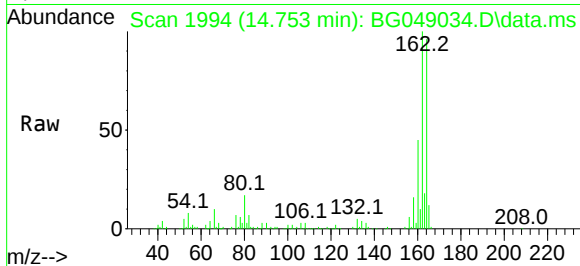




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

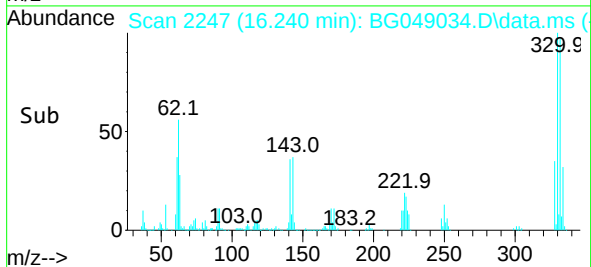
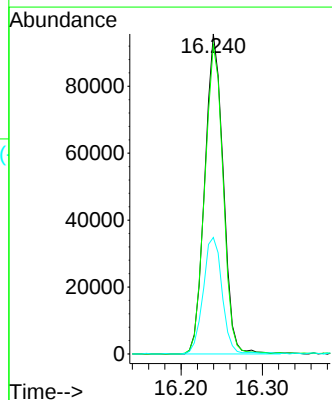
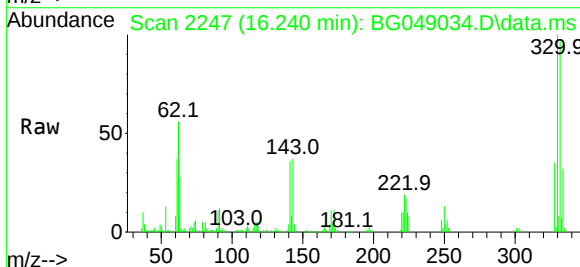
Instrument :
BNA_G
ClientSampleId :
PHC-250EM-001

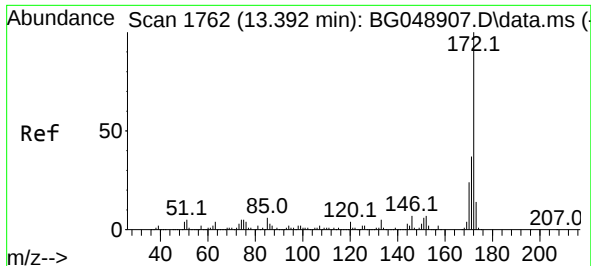
Tgt Ion:164 Resp: 107224
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 47.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 94.532 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

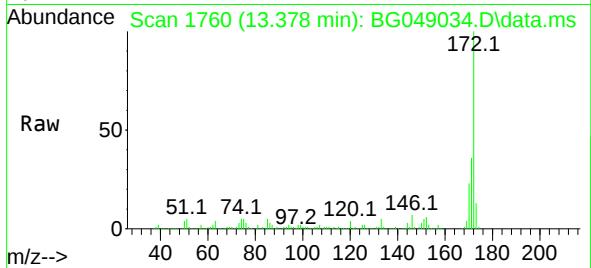
Tgt Ion:330 Resp: 150173
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 37.2 35.6 53.4



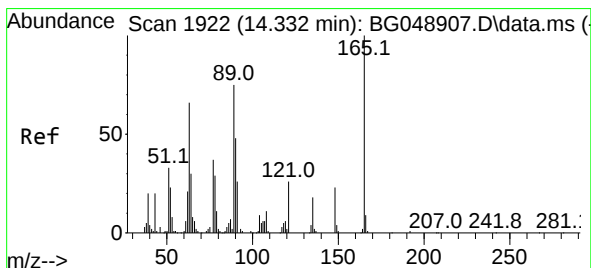
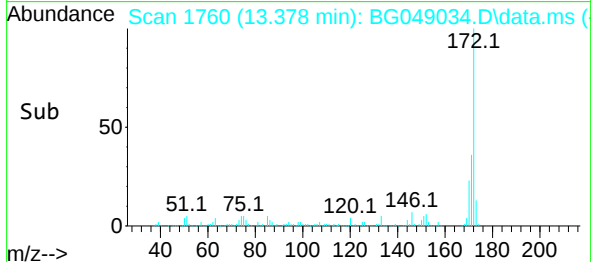
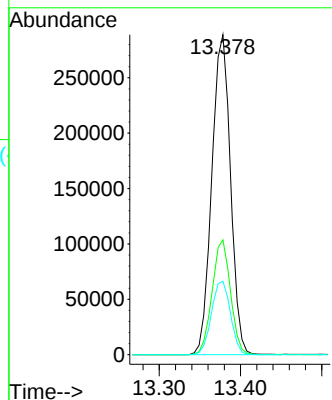


#45
2-Fluorobiphenyl
Concen: 60.744 ng
RT: 13.378 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

Instrument :
BNA_G
ClientSampleId :
PHC-250EM-001

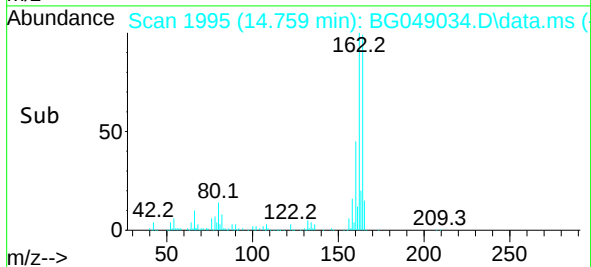
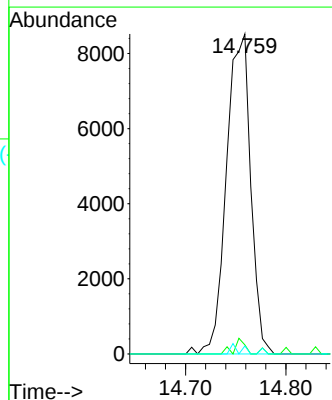
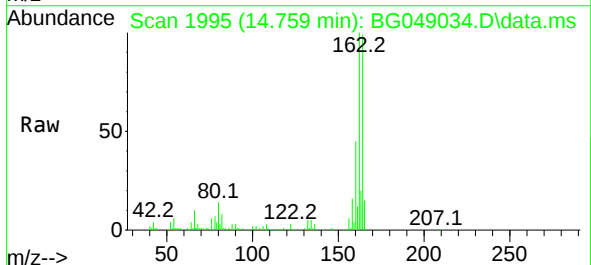


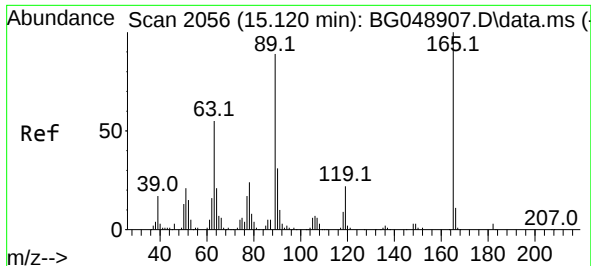
Tgt Ion:172 Resp: 461058
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.389 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.435 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

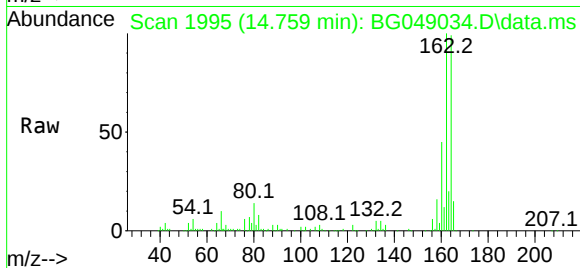
Tgt Ion:165 Resp: 14269
Ion Ratio Lower Upper
165 100
63 2.8 63.3 94.9#
89 2.5 63.4 95.0#



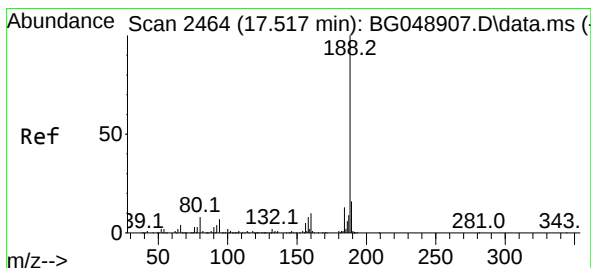
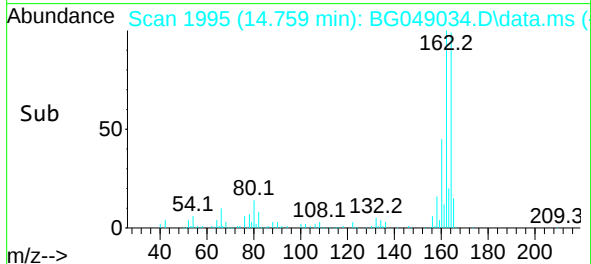
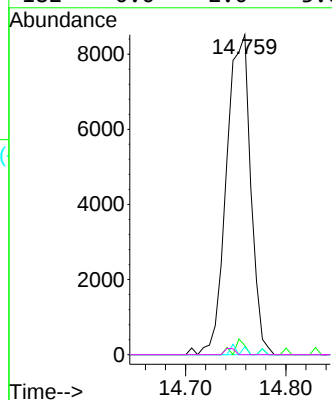


#57
2,4-Dinitrotoluene
Concen: 6.830 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.352 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

Instrument :
BNA_G
ClientSampleId :
PHC-250EM-001

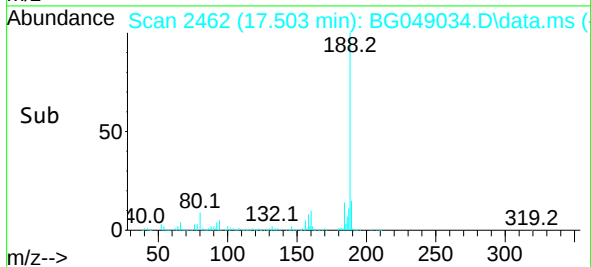
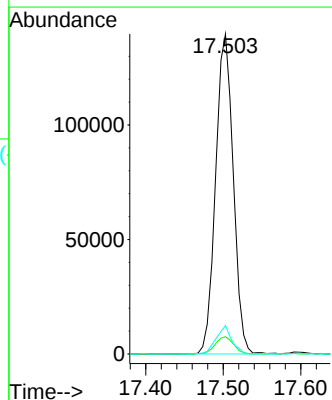
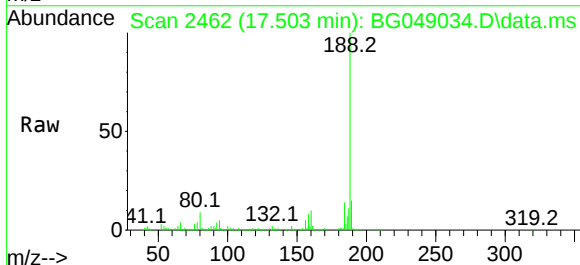


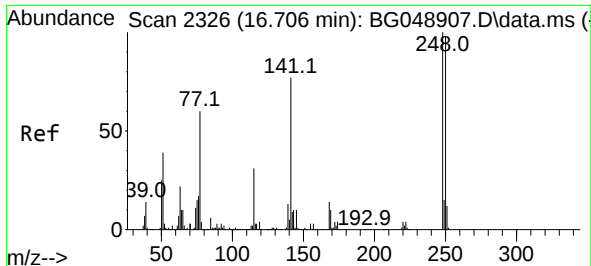
Tgt Ion:165 Resp: 14269
Ion Ratio Lower Upper
165 100
63 2.8 48.0 72.0#
89 2.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2462
Delta R.T. -0.006 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

Tgt Ion:188 Resp: 221136
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 8.9 3.7 5.5#

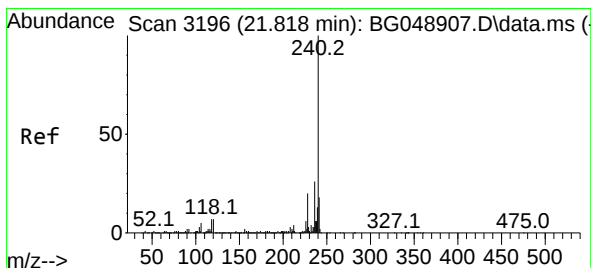
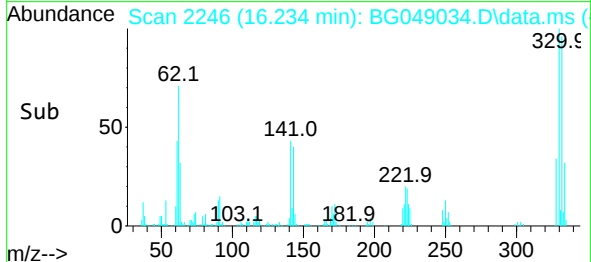
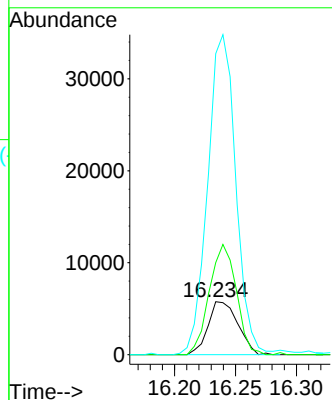
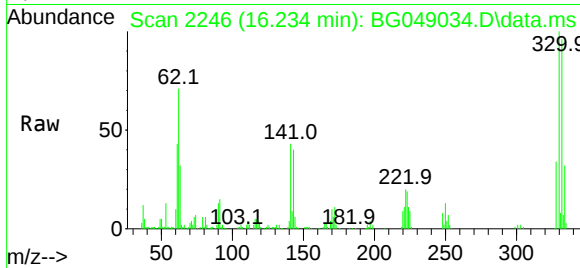




#67
4-Bromophenyl-phenylether
Concen: 3.560 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.458 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

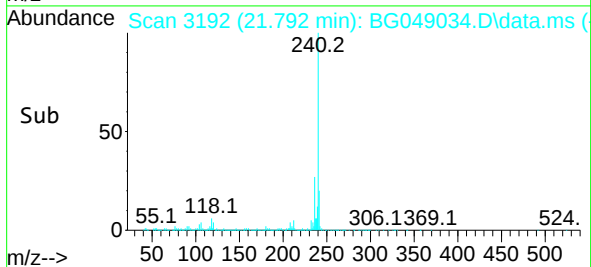
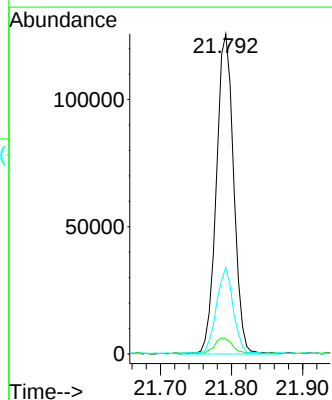
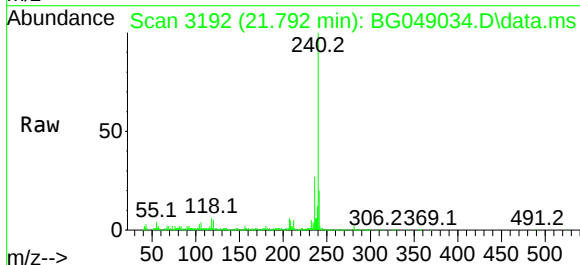
Instrument :
BNA_G
ClientSampleId :
PHC-250EM-001

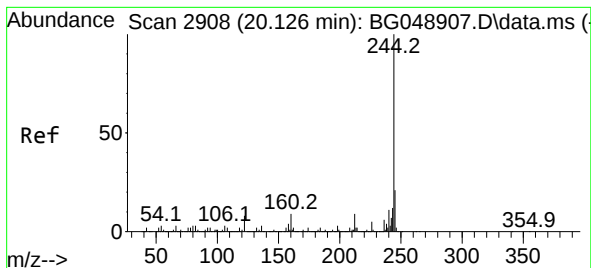
Tgt Ion:248 Resp: 9831
Ion Ratio Lower Upper
248 100
250 173.8 76.1 114.1#
141 568.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3192
Delta R.T. -0.006 min
Lab File: BG049034.D
Acq: 21 Jun 2021 16:01

Tgt Ion:240 Resp: 211909
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 27.0 21.8 32.6





#79

Terphenyl-d14

Concen: 55.497 ng

RT: 20.106 min Scan# 2905

Delta R.T. -0.006 min

Lab File: BG049034.D

Acq: 21 Jun 2021 16:01

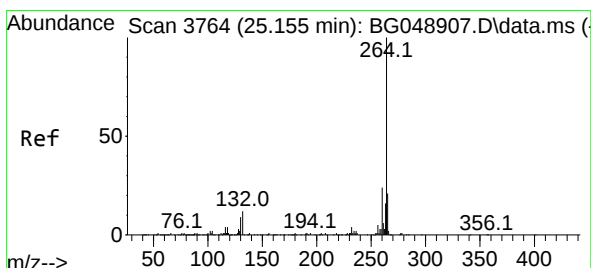
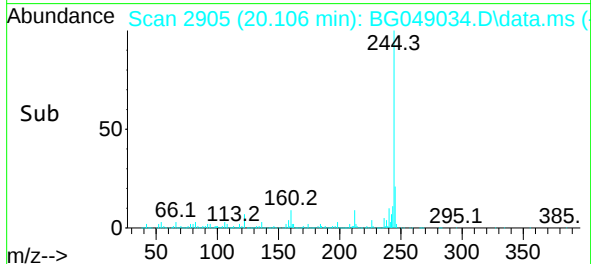
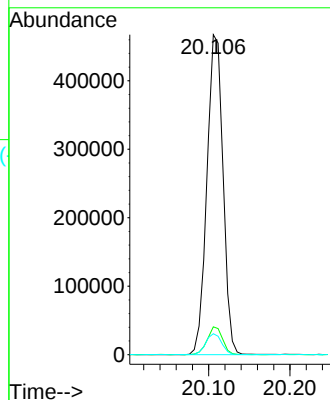
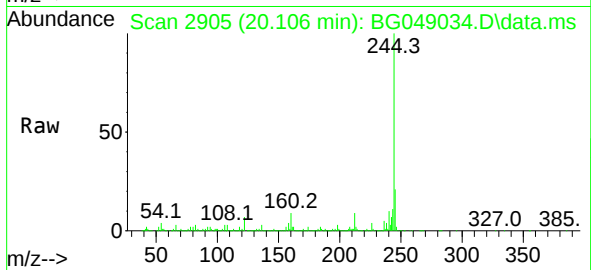
Tgt Ion:244	Resp: 642142
Ion Ratio	Lower Upper
244	100
212	8.7 6.9 10.3
122	6.6 5.0 7.6

Instrument :

BNA_G

ClientSampleId :

PHC-250EM-001



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.123 min Scan# 3759

Delta R.T. -0.006 min

Lab File: BG049034.D

Acq: 21 Jun 2021 16:01

Tgt Ion:264	Resp: 213152
Ion Ratio	Lower Upper
264	100
260	25.0 19.4 29.2
265	22.3 16.9 25.3

