

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049122.D
 Acq On : 28 Jun 2021 17:01
 Operator : CG/JU
 Sample : M2827-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAY-5

Quant Time: Jun 29 04:00:40 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)

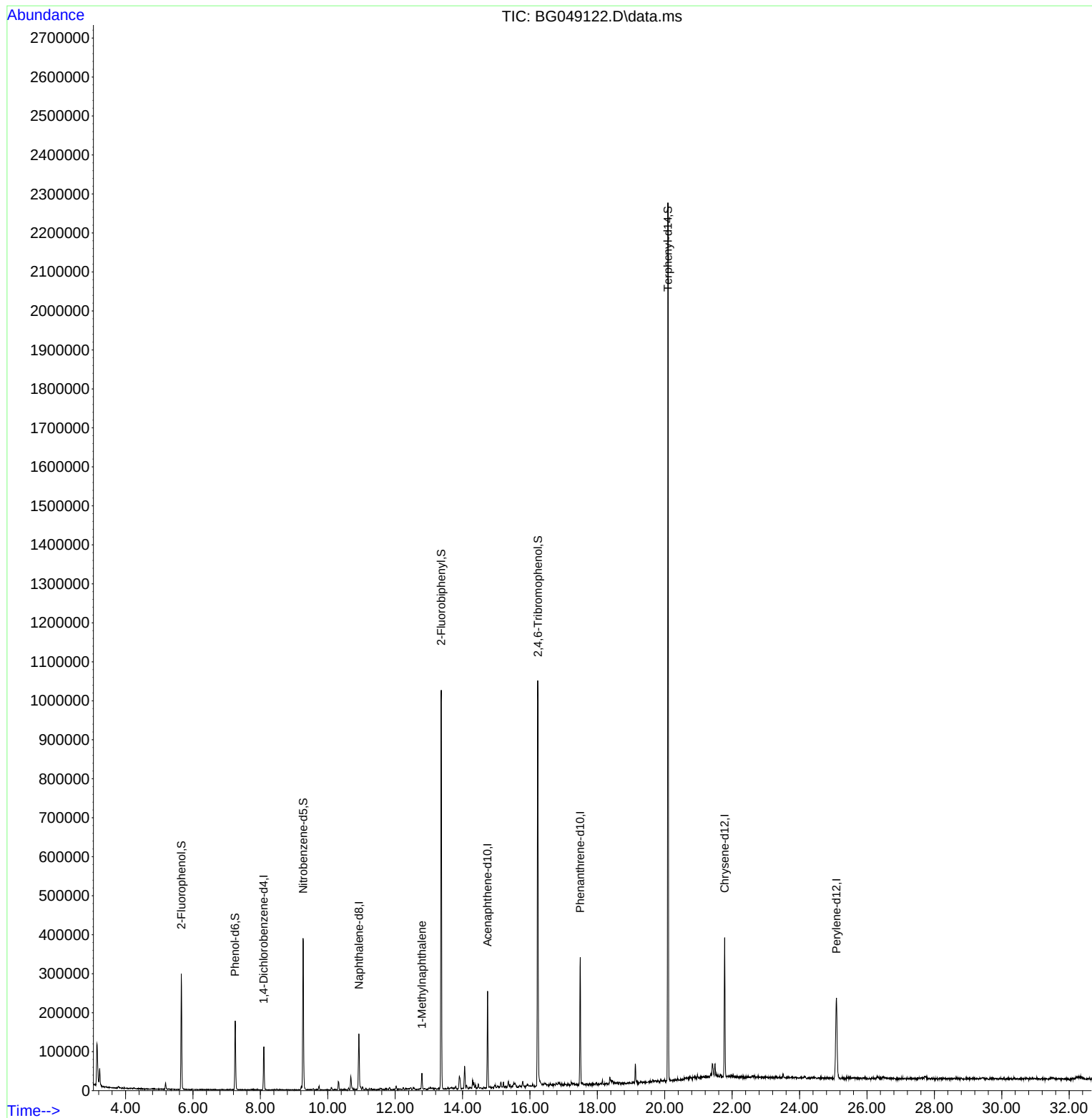
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	30303	20.000	ng	# 0.00
21) Naphthalene-d8	10.924	136	120126	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	88013	20.000	ng	0.00
64) Phenanthrene-d10	17.493	188	201103	20.000	ng	# 0.00
76) Chrysene-d12	21.776	240	221902	20.000	ng	-0.01
86) Perylene-d12	25.096	264	234770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	117969	60.601	ng	0.00
7) Phenol-d6	7.252	99	94077	32.244	ng	0.00
23) Nitrobenzene-d5	9.267	82	234368	84.128	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	219467	168.307	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	531514	85.311	ng	0.00
79) Terphenyl-d14	20.096	244	1103087	91.041	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.793	142	17028	3.355	ng	Qvalue # 76

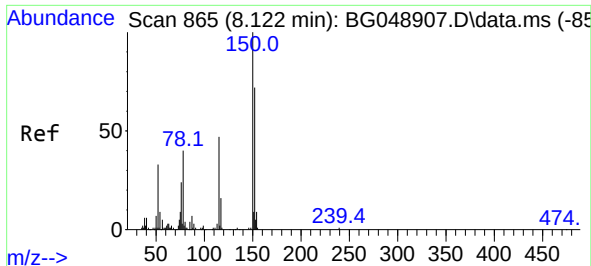
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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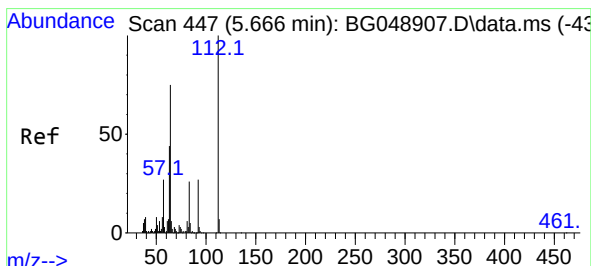
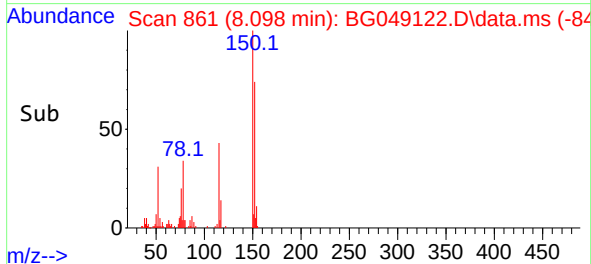
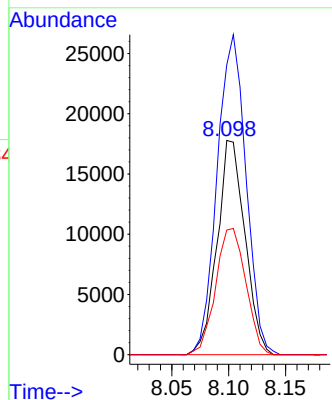
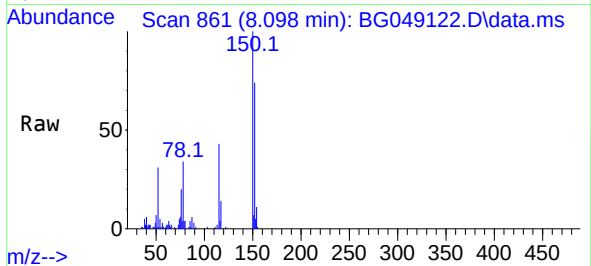




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.098 min Scan# 861
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

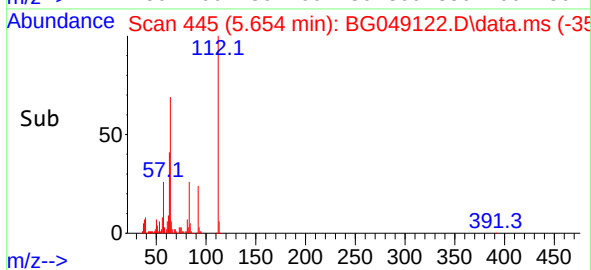
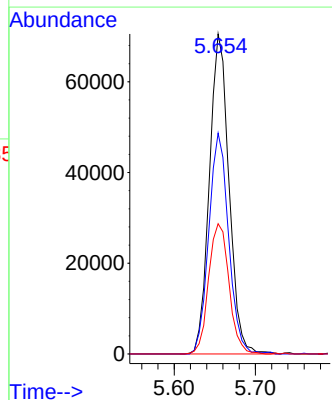
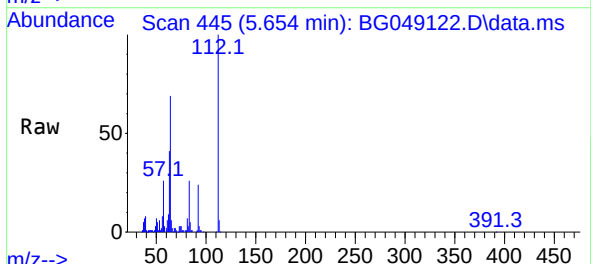
Instrument :
BNA_G
ClientSampled :
DAY-5

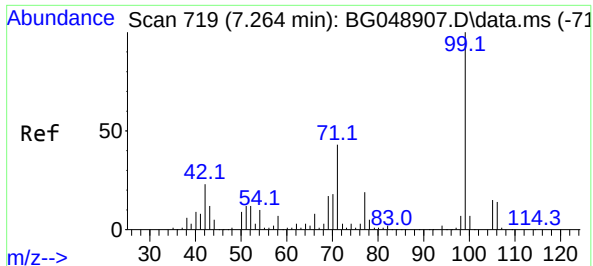
Tgt Ion:152 Resp: 30303
Ion Ratio Lower Upper
152 100
150 135.3 119.4 179.0
115 58.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 60.601 ng
RT: 5.654 min Scan# 445
Delta R.T. -0.001 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:112 Resp: 117969
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 40.7 35.3 52.9



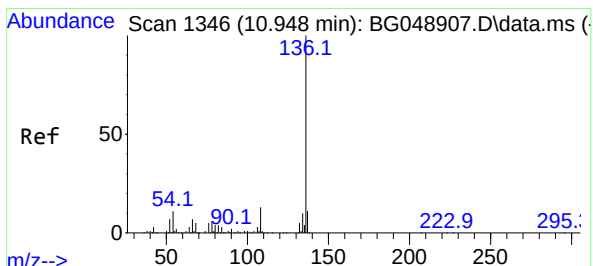
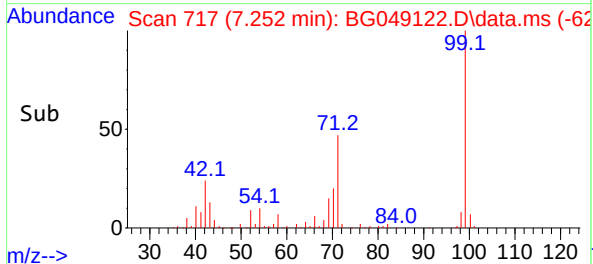
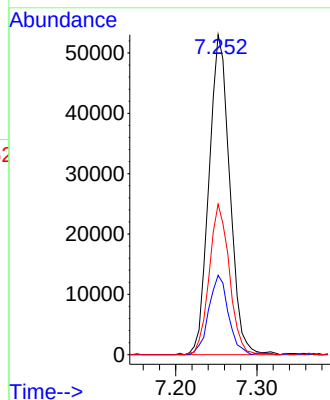
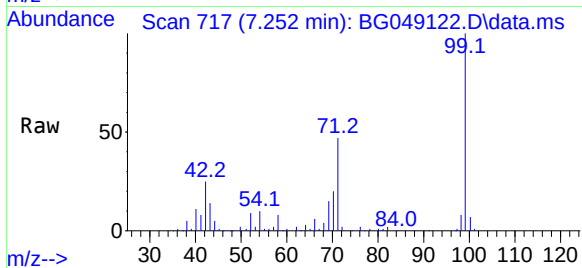


#7
Phenol-d6
Concen: 32.244 ng
RT: 7.252 min Scan# 717
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Instrument :
BNA_G
ClientSampleId :
DAY-5

Tgt Ion: 99 Resp: 94077

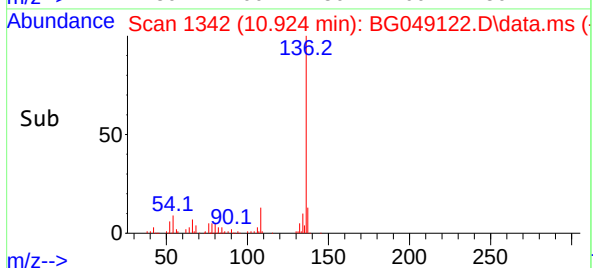
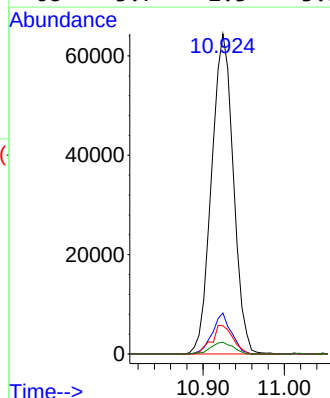
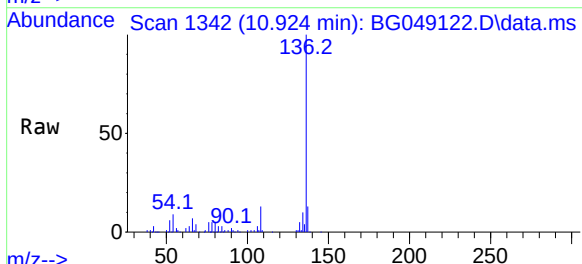
Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.5	30.7
71	47.0	41.5	62.3

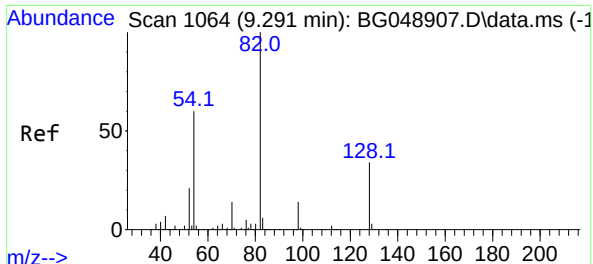


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion: 136 Resp: 120126

Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.2	12.2#
54	8.9	5.5	8.3#
68	3.7	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 84.128 ng

RT: 9.267 min Scan# 1060

Delta R.T. -0.007 min

Lab File: BG049122.D

Acq: 28 Jun 2021 17:01

Instrument :

BNA_G

ClientSampleId :

DAY-5

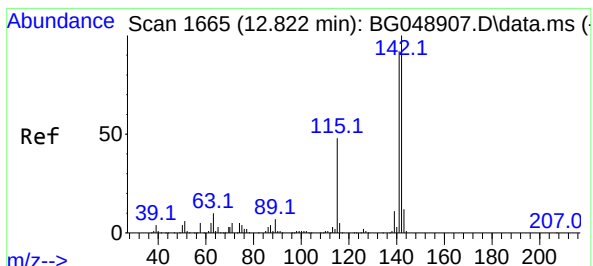
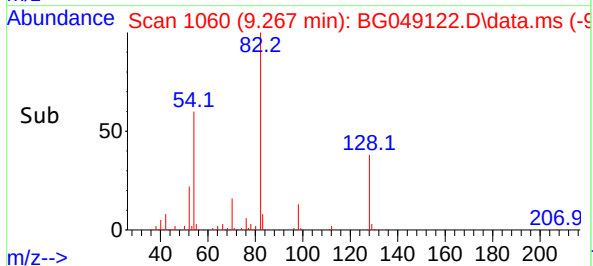
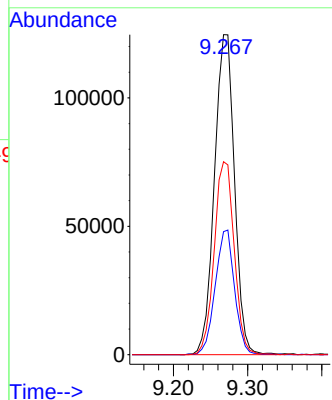
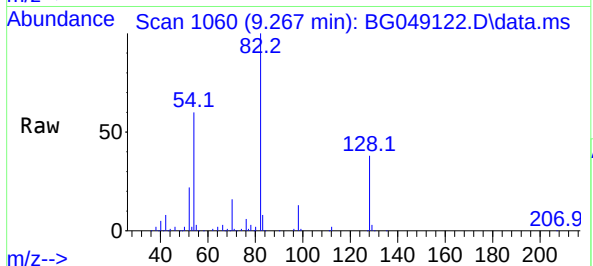
Tgt Ion: 82 Resp: 234368

Ion Ratio Lower Upper

82 100

128 38.4 29.8 44.6

54 60.3 45.8 68.8



#38

1-Methylnaphthalene

Concen: 3.355 ng

RT: 12.793 min Scan# 1660

Delta R.T. -0.007 min

Lab File: BG049122.D

Acq: 28 Jun 2021 17:01

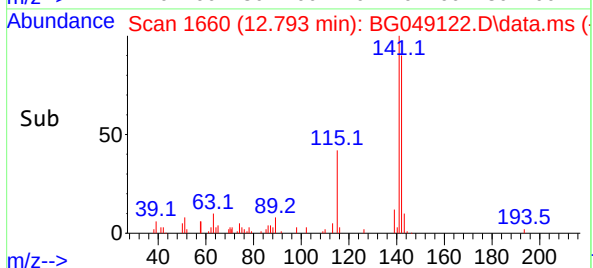
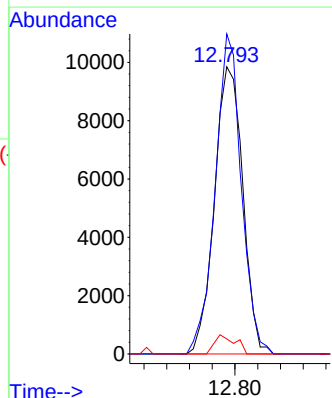
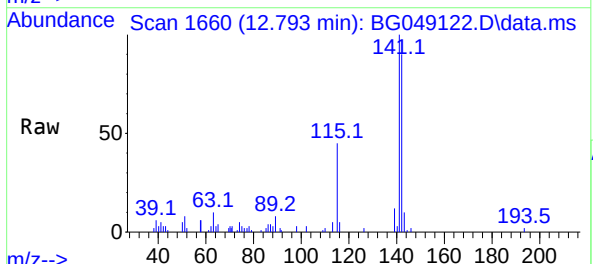
Tgt Ion:142 Resp: 17028

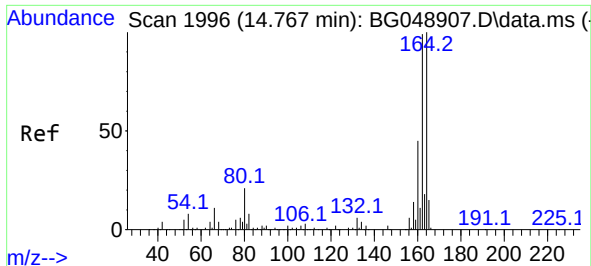
Ion Ratio Lower Upper

142 100

141 111.4 70.6 106.0#

116 5.3 4.0 6.0

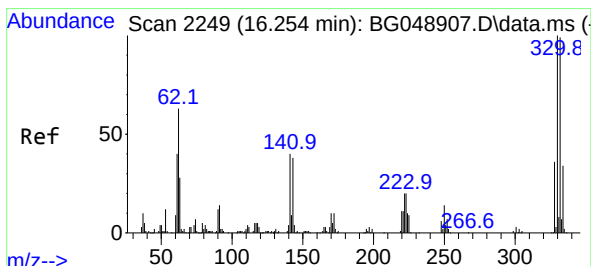
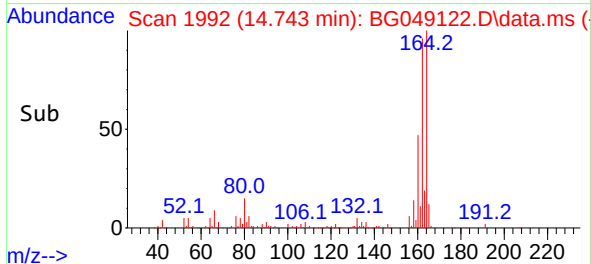
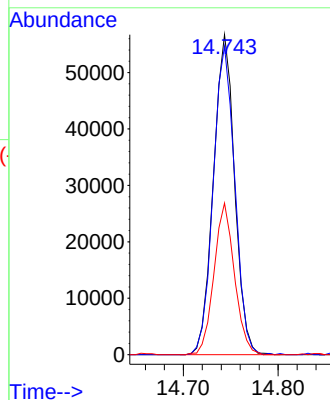
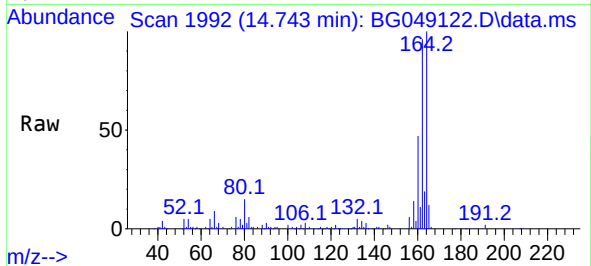




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

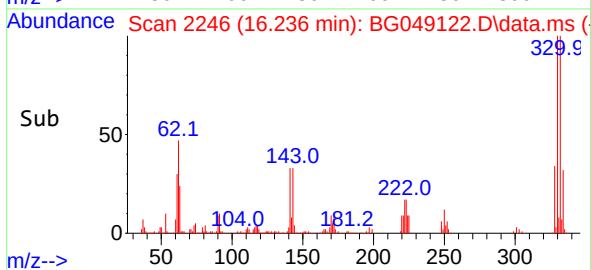
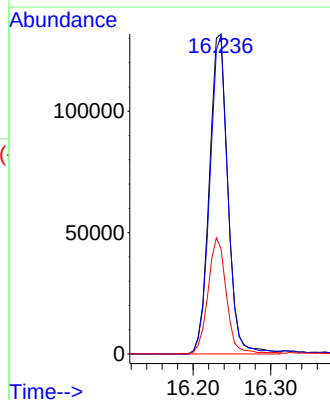
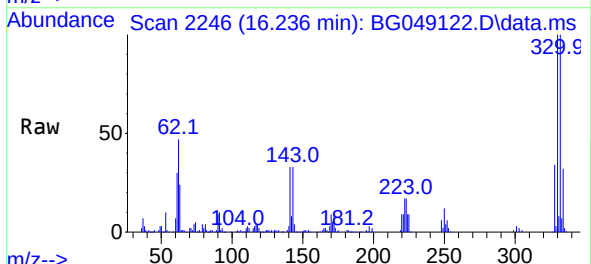
Instrument :
BNA_G
ClientSampled :
DAY-5

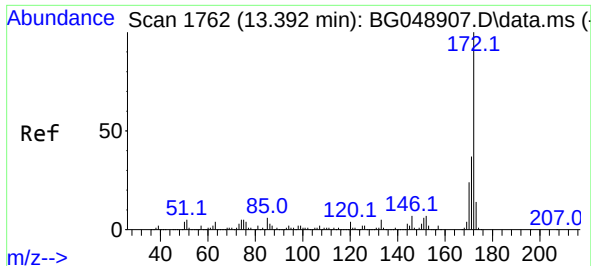
Tgt Ion:164 Resp: 88013
Ion Ratio Lower Upper
164 100
162 96.4 81.4 122.0
160 47.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 168.307 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.001 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:330 Resp: 219467
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 36.0 35.6 53.4



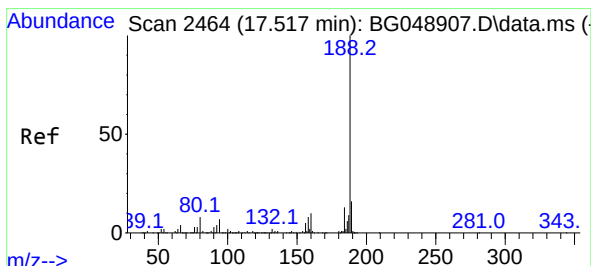
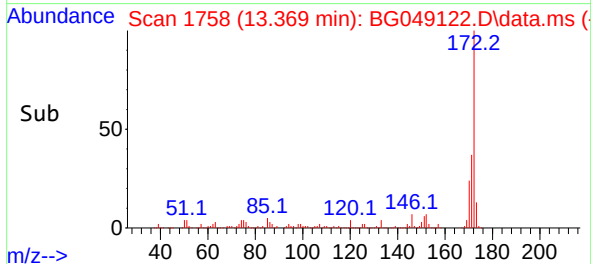
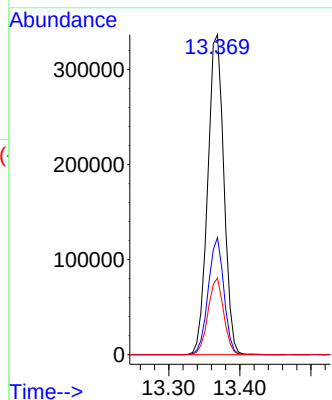
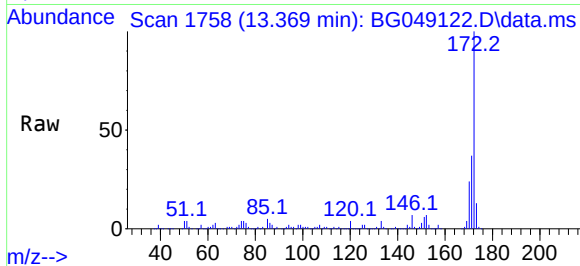


#45
2-Fluorobiphenyl
Concen: 85.311 ng
RT: 13.369 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Instrument :
BNA_G
ClientSampleId :
DAY-5

Tgt Ion:172 Resp: 531514

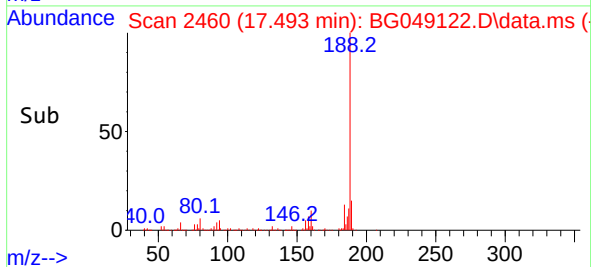
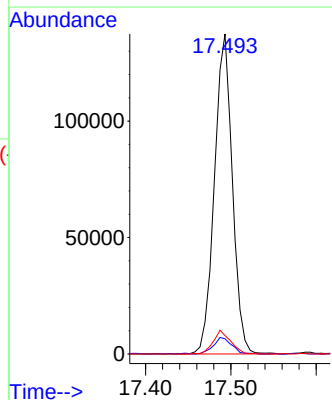
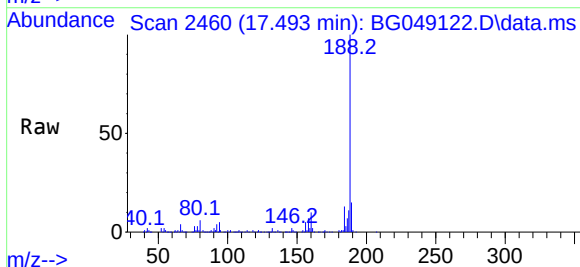
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.0	18.6	27.8

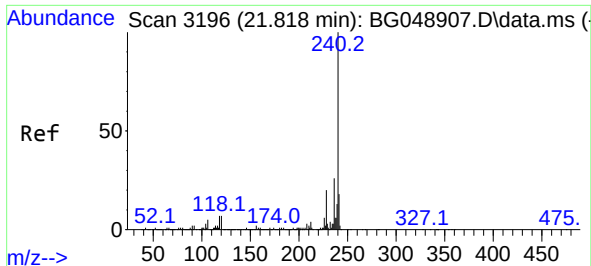


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:188 Resp: 201103

Ion	Ratio	Lower	Upper
188	100		
94	4.8	5.4	8.0#
80	5.8	3.7	5.5#

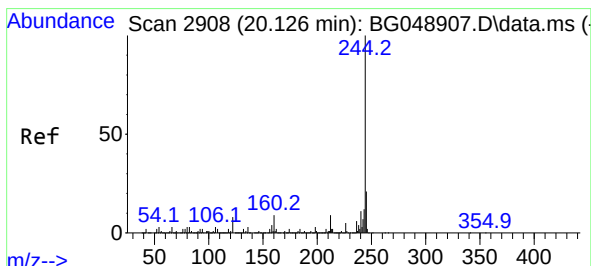
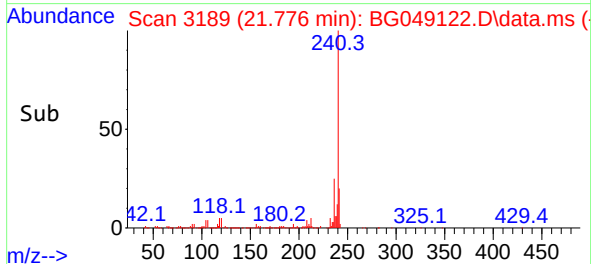
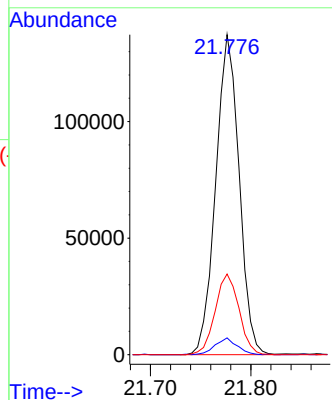
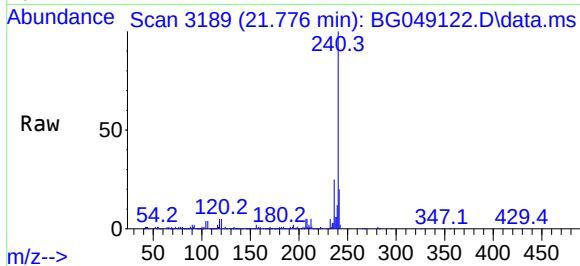




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.776 min Scan# 3189
Delta R.T. -0.013 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

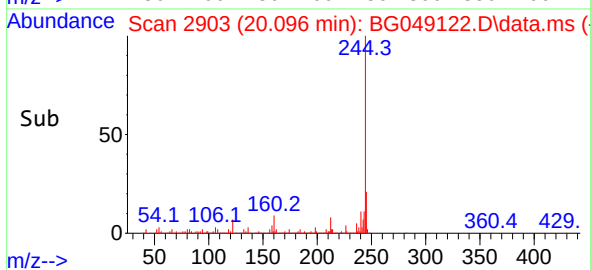
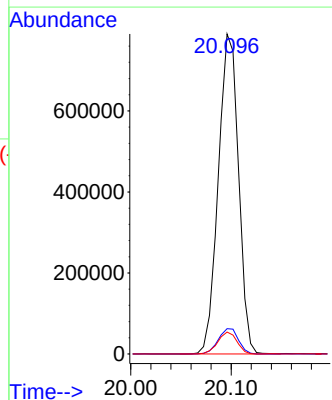
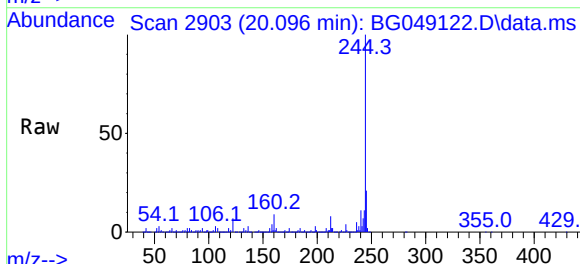
Instrument :
BNA_G
ClientSampleId :
DAY-5

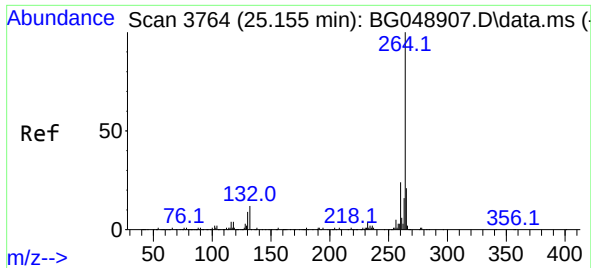
Tgt Ion:	240	Resp:	221902
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.2	6.2
236	25.2	21.8	32.6



#79
Terphenyl-d14
Concen: 91.041 ng
RT: 20.096 min Scan# 2903
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:	244	Resp:	1103087
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.9	10.3
122	6.8	5.0	7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.096 min Scan# 3754
 Delta R.T. -0.007 min
 Lab File: BG049122.D
 Acq: 28 Jun 2021 17:01

Instrument :
 BNA_G
 ClientSampleId :
 DAY-5

Tgt Ion:264 Resp: 234770

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.5	16.9	25.3

