

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049069.D
 Acq On : 23 Jun 2021 20:13
 Operator : CG/JU
 Sample : M2795-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4-0-2

Quant Time: Jun 24 02:18:48 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	8.106	152	27969	20.000	ng	0.00
21) Naphthalene-d8	10.926	136	109682	20.000	ng	#-0.01
39) Acenaphthene-d10	14.745	164	83755	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	223417	20.000	ng	#-0.01
76) Chrysene-d12	21.778	240	235001	20.000	ng	-0.02
86) Perylene-d12	25.104	264	250305	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	44972	25.030	ng	0.00
7) Phenol-d6	7.254	99	74667	27.727	ng	-0.01
23) Nitrobenzene-d5	9.269	82	57481	22.598	ng	-0.01
42) 2,4,6-Tribromophenol	16.232	330	19149	15.432	ng	-0.01
45) 2-Fluorobiphenyl	13.370	172	126001	21.252	ng	-0.01
79) Terphenyl-d14	20.098	244	290845	22.666	ng	-0.01

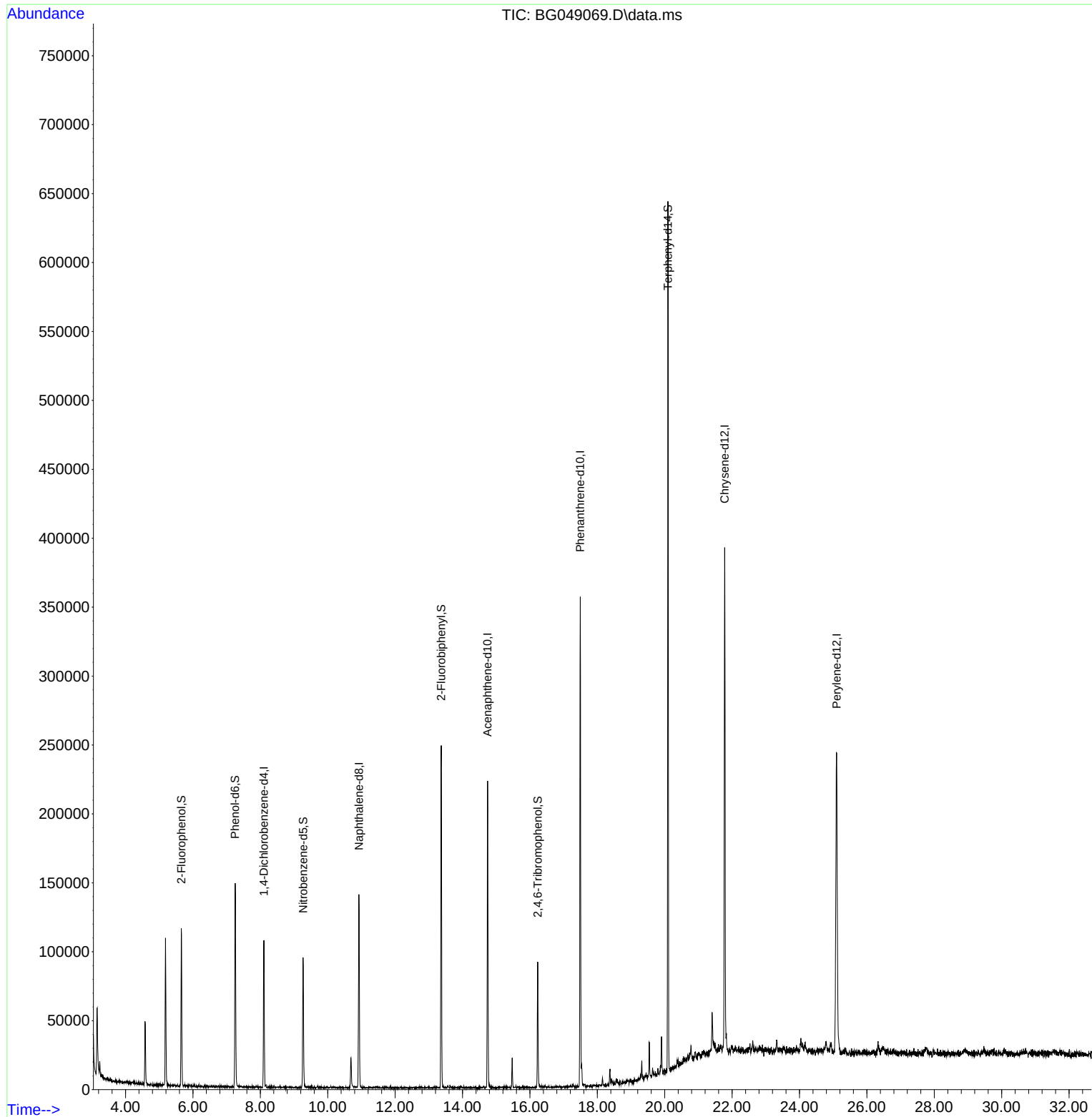
Target Compounds	Qvalue

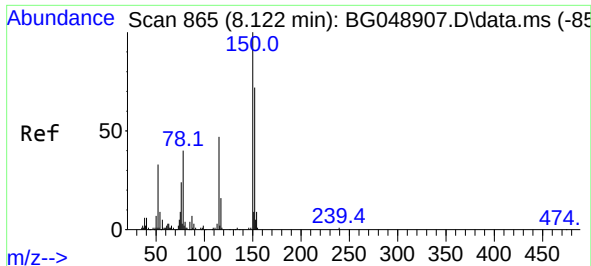
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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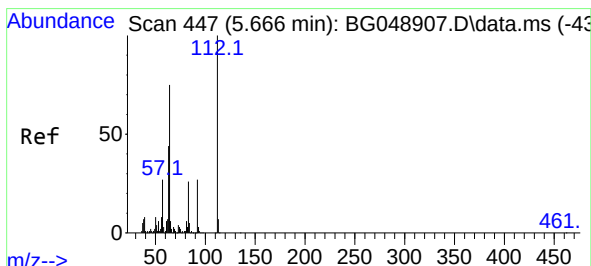
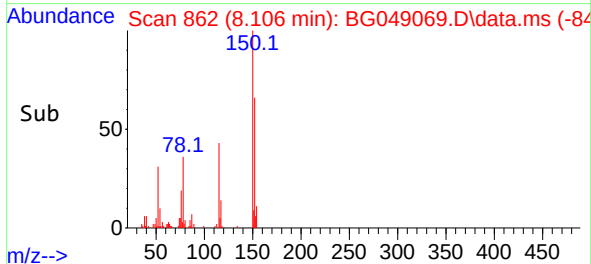
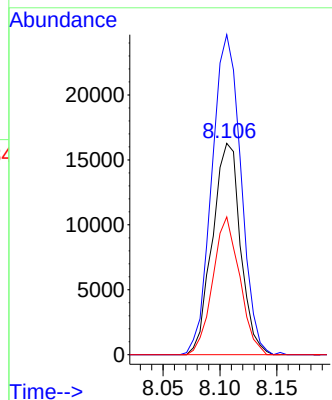
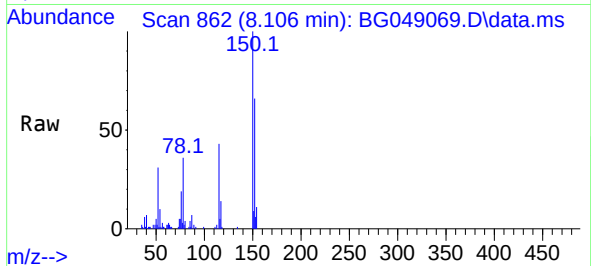




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 862
Delta R.T. -0.008 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

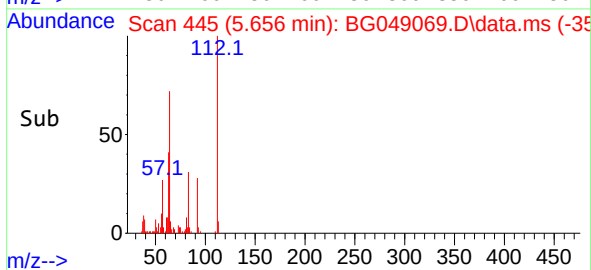
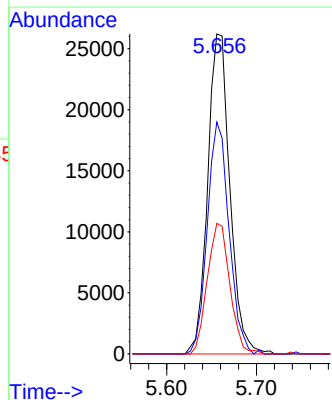
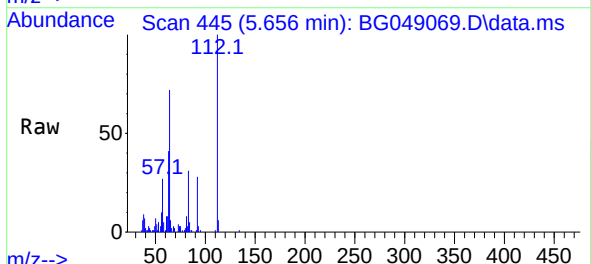
Instrument :
BNA_G
ClientSampleId :
B4-0-2

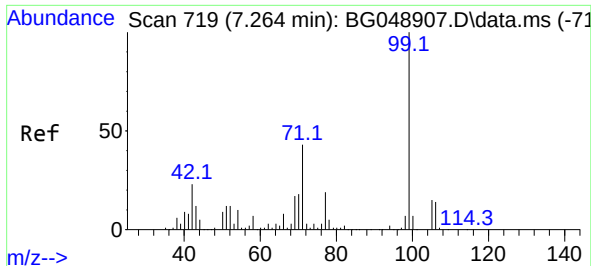
Tgt Ion:152 Resp: 27969
Ion Ratio Lower Upper
152 100
150 151.4 119.4 179.0
115 65.1 60.2 90.4



#5
2-Fluorophenol
Concen: 25.030 ng
RT: 5.656 min Scan# 445
Delta R.T. -0.008 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion:112 Resp: 44972
Ion Ratio Lower Upper
112 100
64 72.4 46.7 70.1#
63 40.8 35.3 52.9

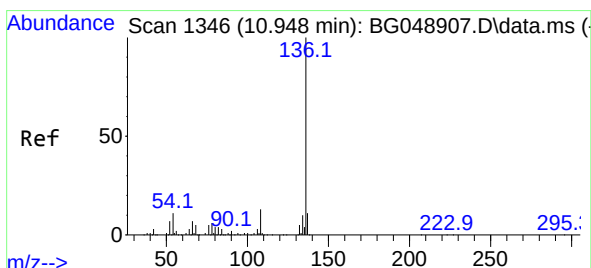
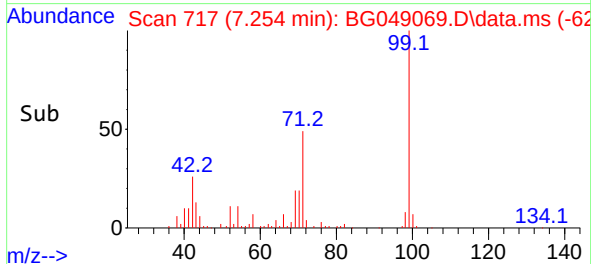
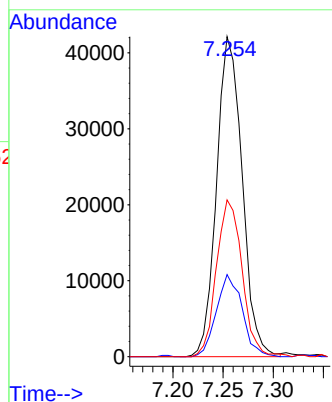
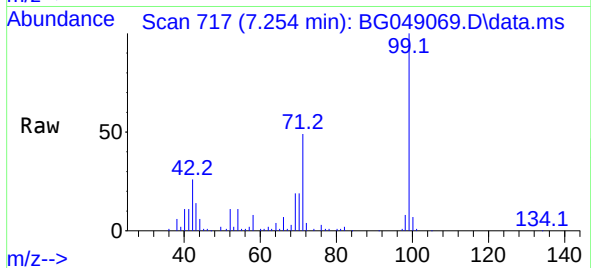




#7
Phenol-d6
Concen: 27.727 ng
RT: 7.254 min Scan# 717
Delta R.T. -0.013 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

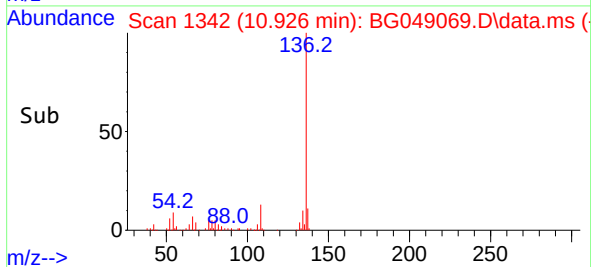
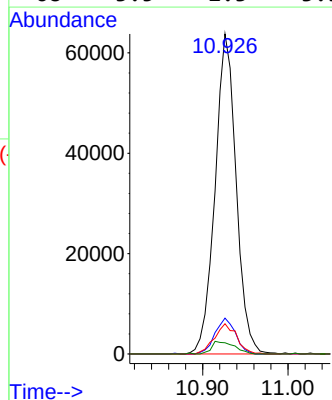
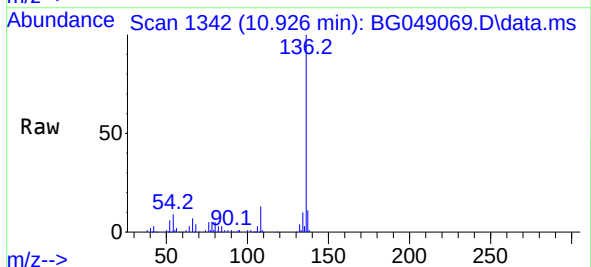
Instrument :
BNA_G
ClientSampleId :
B4-0-2

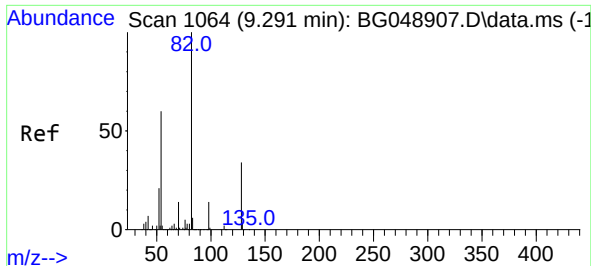
Tgt Ion:	99	Resp:	74667
Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.5	30.7
71	49.0	41.5	62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.926 min Scan# 1342
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion:	136	Resp:	109682
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	9.5	5.5	8.3#
68	3.5	2.3	3.5#

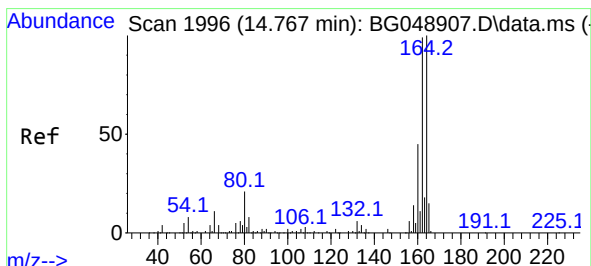
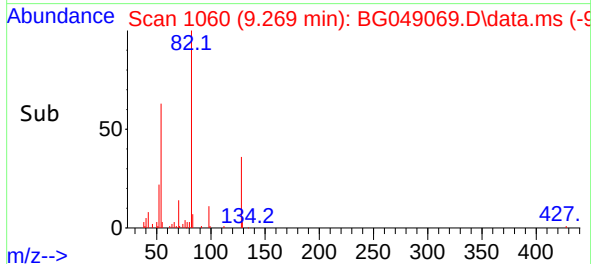
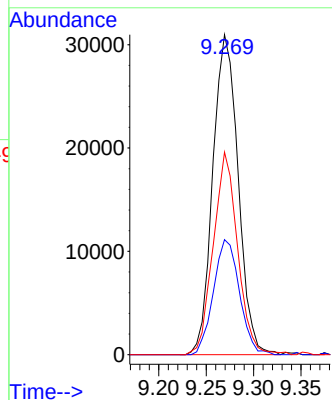
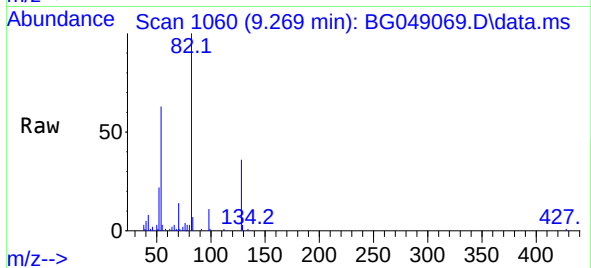




#23
Nitrobenzene-d5
Concen: 22.598 ng
RT: 9.269 min Scan# 1060
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

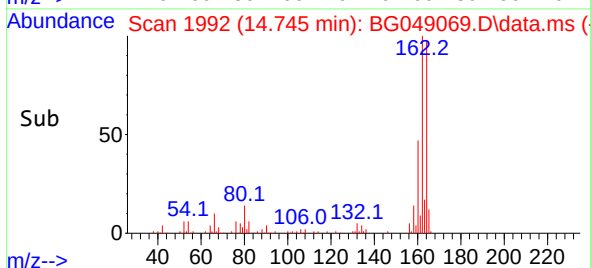
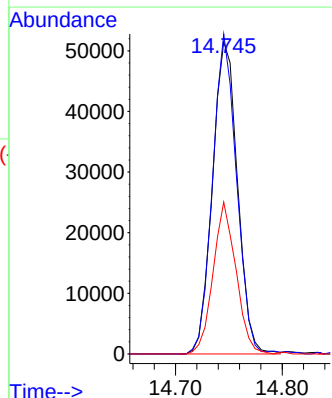
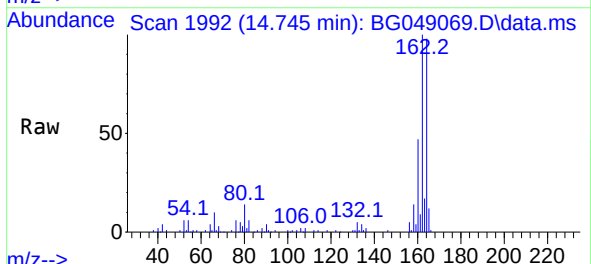
Instrument :
BNA_G
ClientSampleId :
B4-0-2

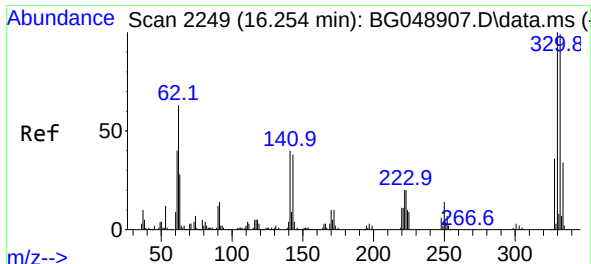
Tgt Ion: 82 Resp: 57481
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 63.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1992
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion:164 Resp: 83755
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 48.7 34.9 52.3

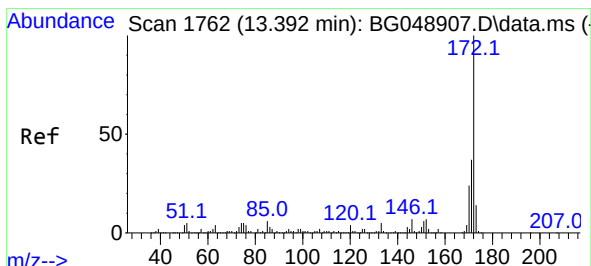
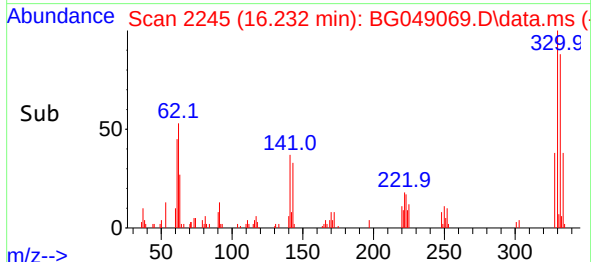
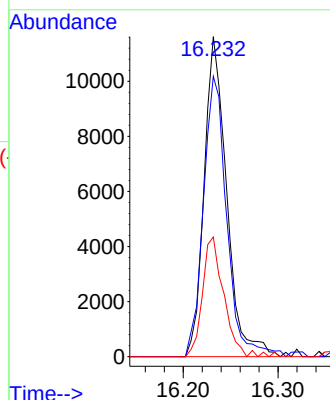
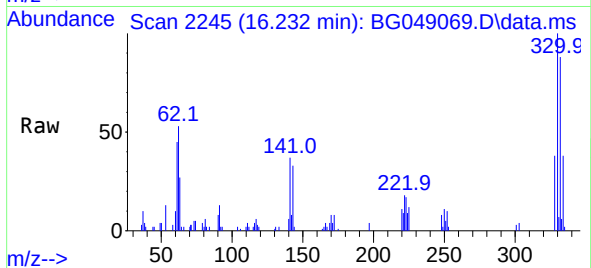




#42
2,4,6-Tribromophenol
Concen: 15.432 ng
RT: 16.232 min Scan# 2245
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

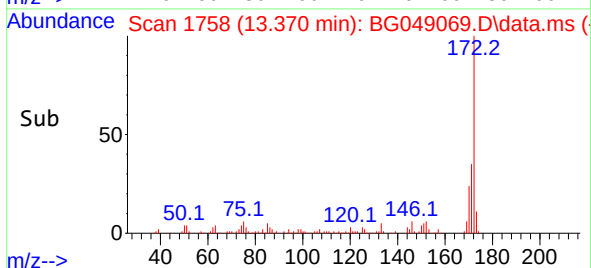
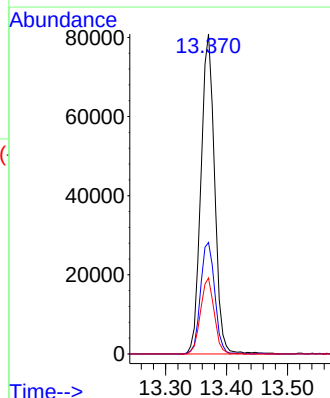
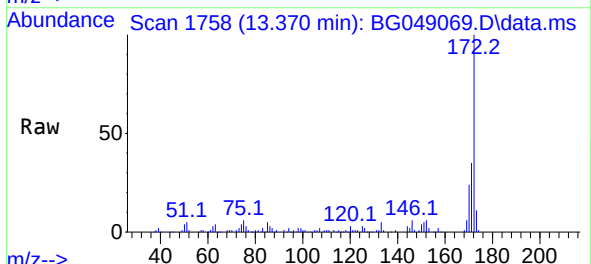
Instrument :
BNA_G
ClientSampleId :
B4-0-2

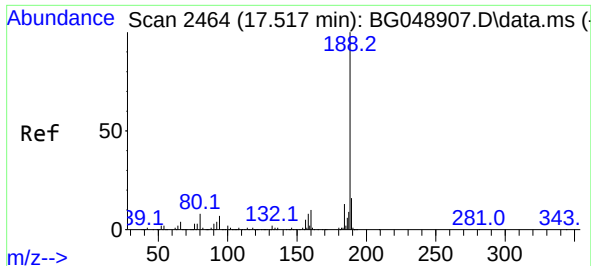
Tgt Ion:330 Resp: 19149
Ion Ratio Lower Upper
330 100
332 90.9 77.3 115.9
141 34.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 21.252 ng
RT: 13.370 min Scan# 1758
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion:172 Resp: 126001
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.8 18.6 27.8

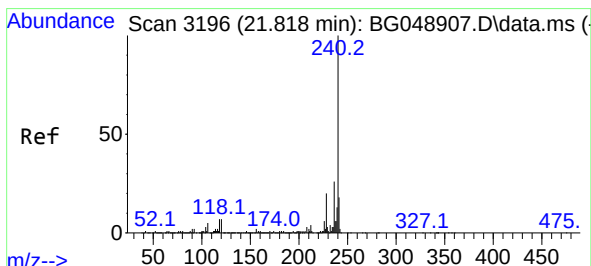
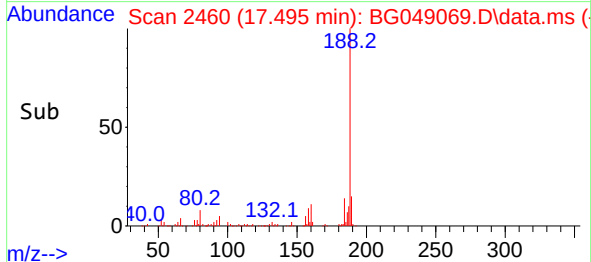
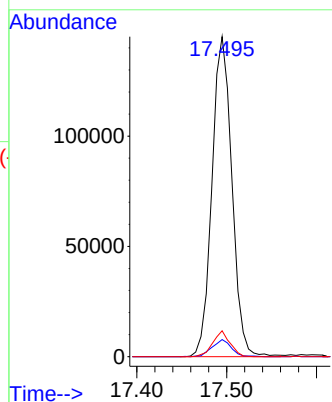
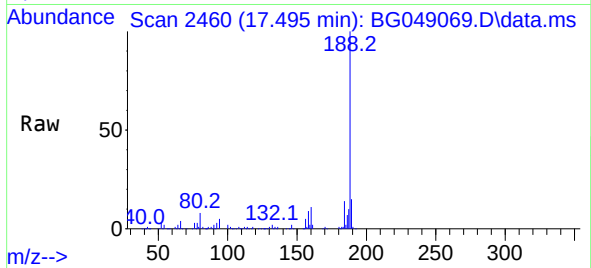




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2460
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

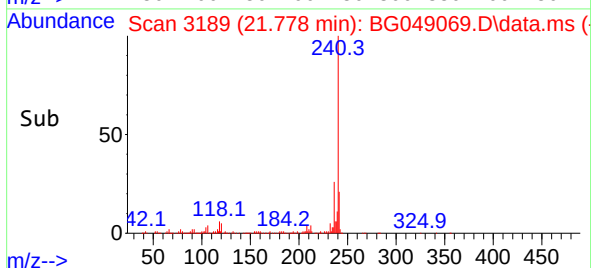
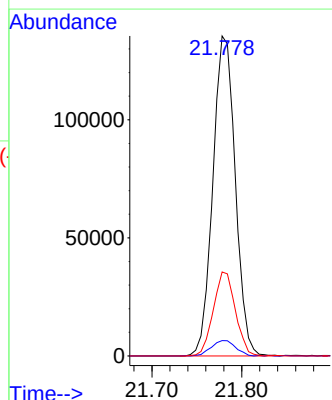
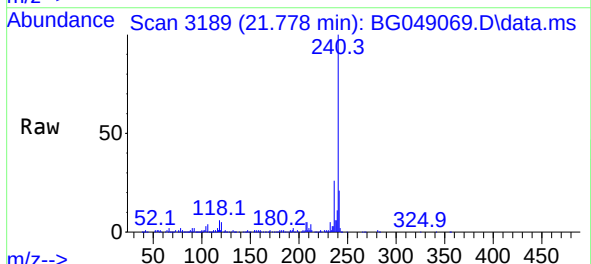
Instrument :
BNA_G
ClientSampleId :
B4-0-2

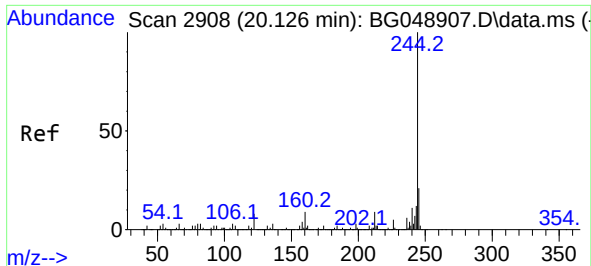
Tgt Ion:188 Resp: 223417
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 8.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.778 min Scan# 3189
Delta R.T. -0.019 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion:240 Resp: 235001
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 26.3 21.8 32.6



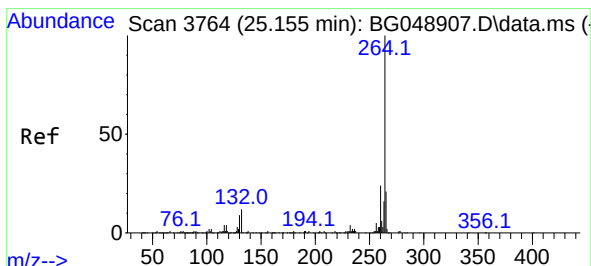
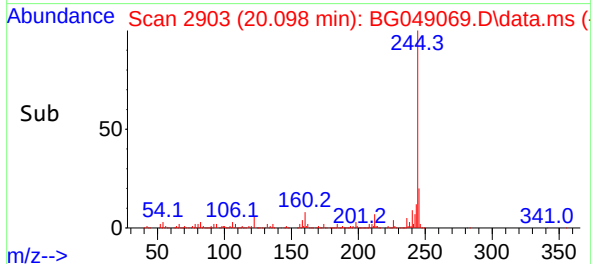
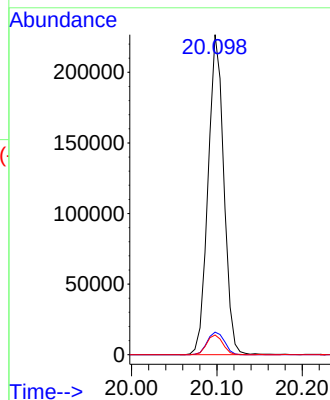
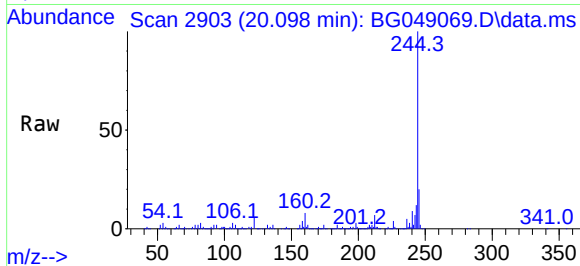


#79
 Terphenyl-d14
 Concen: 22.666 ng
 RT: 20.098 min Scan# 2903
 Delta R.T. -0.014 min
 Lab File: BG049069.D
 Acq: 23 Jun 2021 20:13

Instrument :
 BNA_G
 ClientSampled :
 B4-0-2

Tgt Ion:244 Resp: 290845

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.9	10.3
122	6.1	5.0	7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.104 min Scan# 3755
 Delta R.T. -0.025 min
 Lab File: BG049069.D
 Acq: 23 Jun 2021 20:13

Tgt Ion:264 Resp: 250305

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	16.9	25.3

