

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
 Data File : BG049109.D
 Acq On : 26 Jun 2021 15:12
 Operator : CG/JU
 Sample : M2851-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-07

Quant Time: Jun 27 04:31:57 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	8.102	152	30487	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	128415	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	95914	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	234709	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	231542	20.00	ng	-0.01
86) Perylene-d12	25.094	264	238768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	187261	95.62	ng	0.00
7) Phenol-d6	7.256	99	247257	84.23	ng	0.00
23) Nitrobenzene-d5	9.272	82	173666	58.31	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	149389	105.13	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	364177	53.64	ng	0.00
79) Terphenyl-d14	20.094	244	724191	57.28	ng	0.00

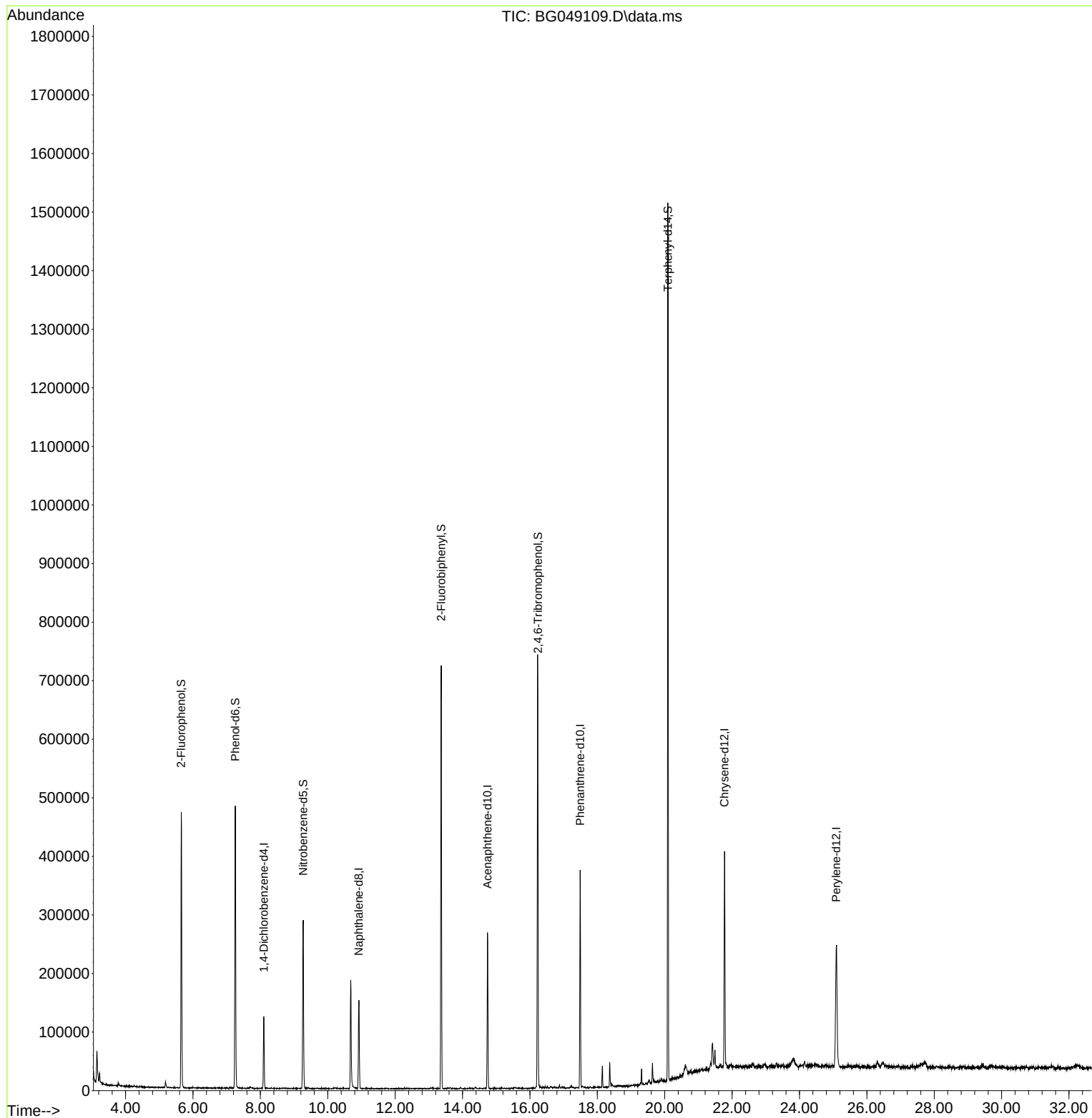
Target Compounds	Qvalue

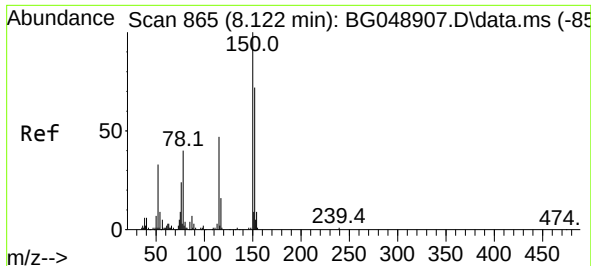
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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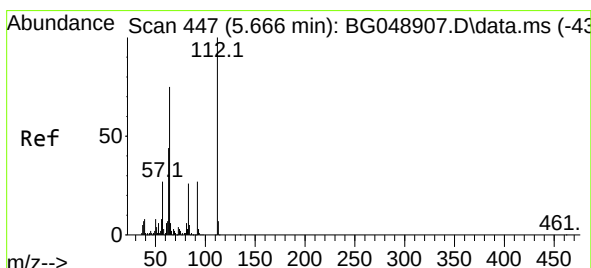
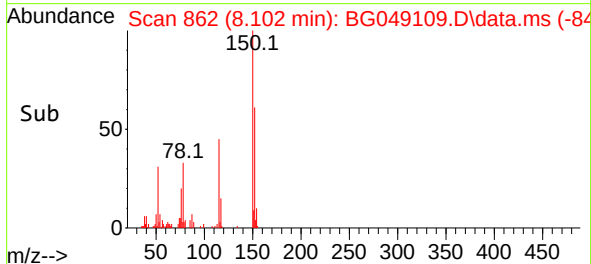
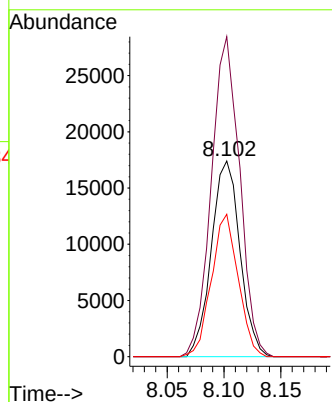
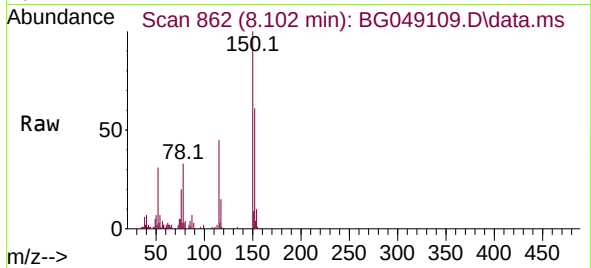




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 862
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

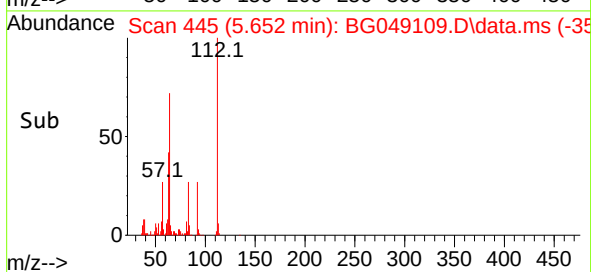
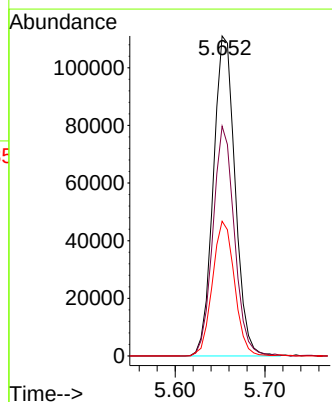
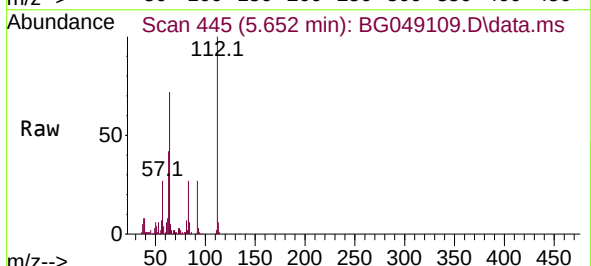
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-07

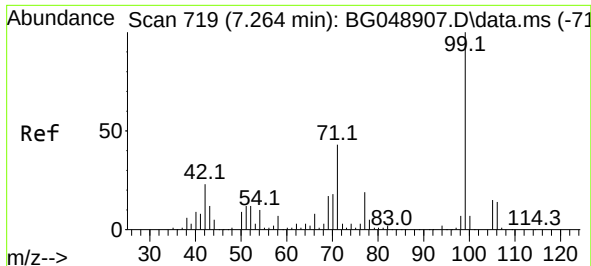
Tgt Ion:152 Resp: 30487
Ion Ratio Lower Upper
152 100
150 163.6 119.4 179.0
115 72.8 60.2 90.4



#5
2-Fluorophenol
Concen: 95.62 ng
RT: 5.652 min Scan# 445
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:112 Resp: 187261
Ion Ratio Lower Upper
112 100
64 71.8 46.7 70.1#
63 42.1 35.3 52.9

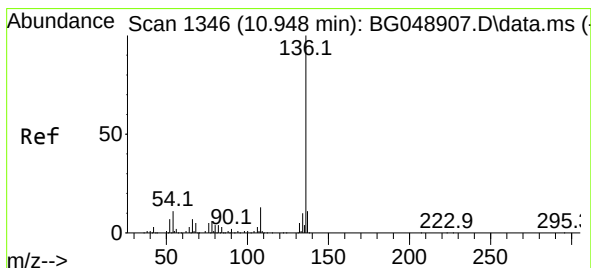
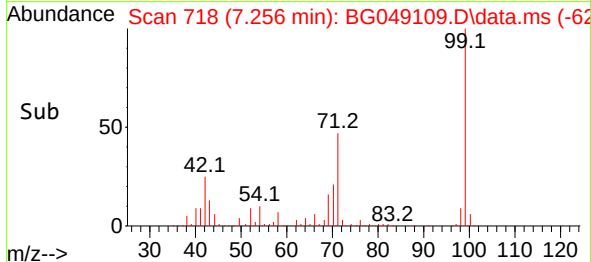
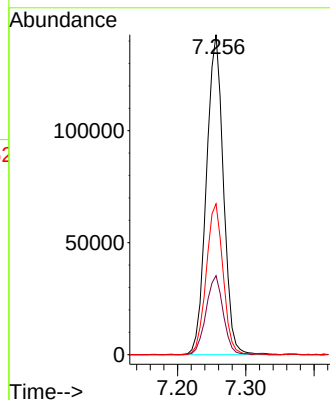
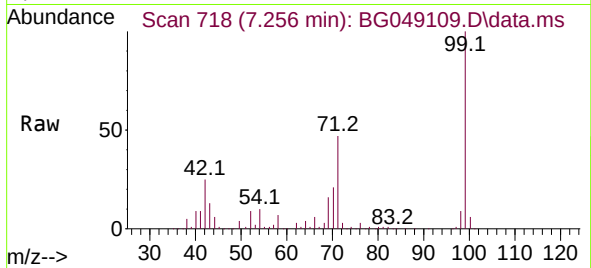




#7
Phenol-d6
Concen: 84.23 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

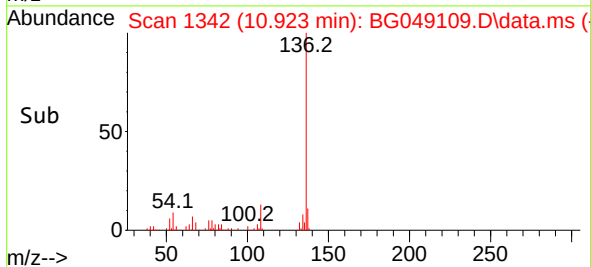
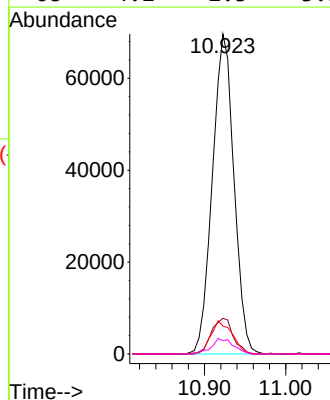
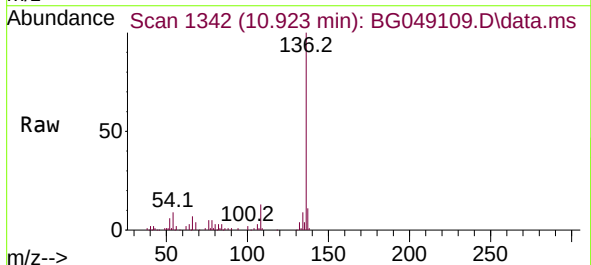
Instrument :
BNA_G
ClientSampleId :
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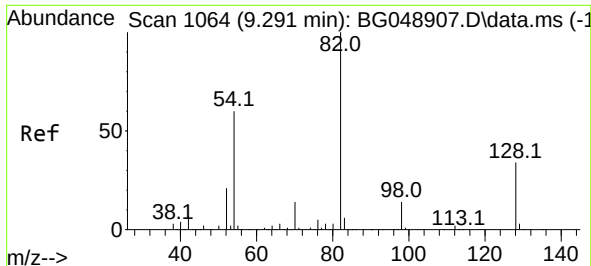
Tgt Ion: 99 Resp: 247257
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 47.1 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:136 Resp: 128415
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 8.7 5.5 8.3#
68 4.2 2.3 3.5#

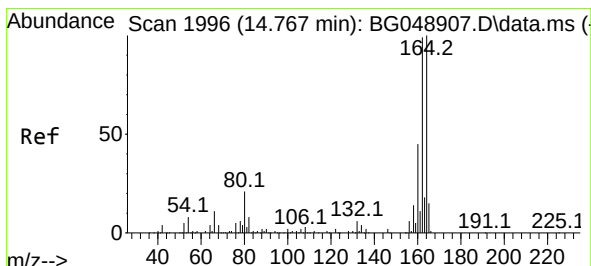
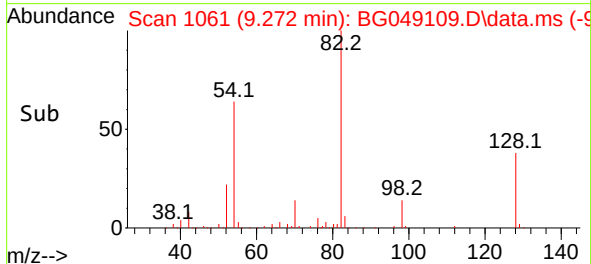
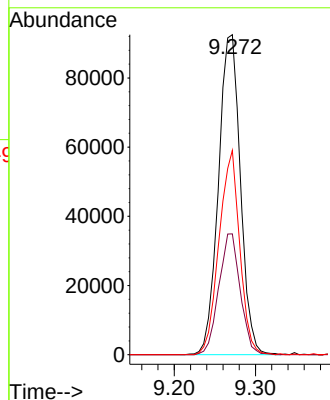
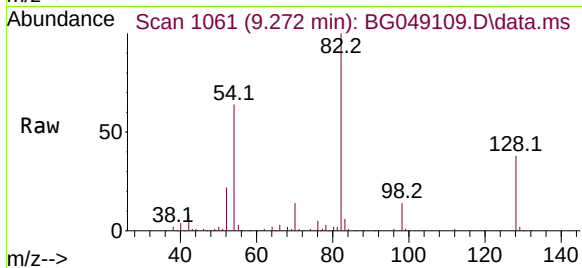




#23
Nitrobenzene-d5
Concen: 58.31 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

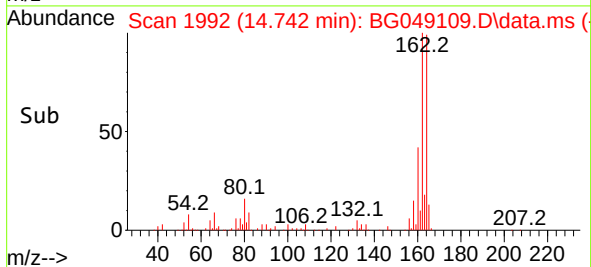
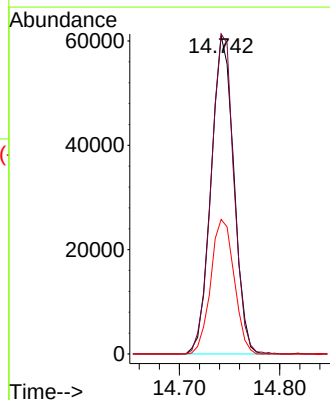
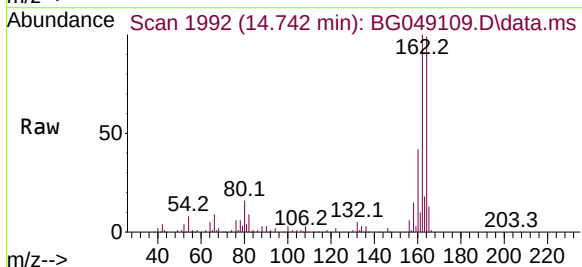
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-07

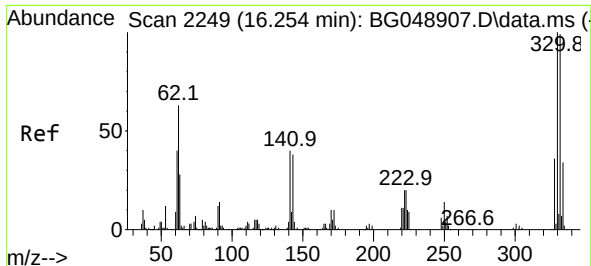
Tgt Ion: 82 Resp: 173666
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 63.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion: 164 Resp: 95914
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 42.3 34.9 52.3

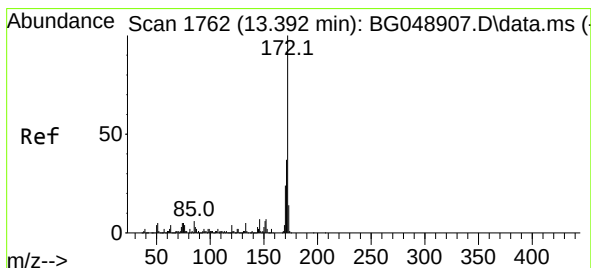
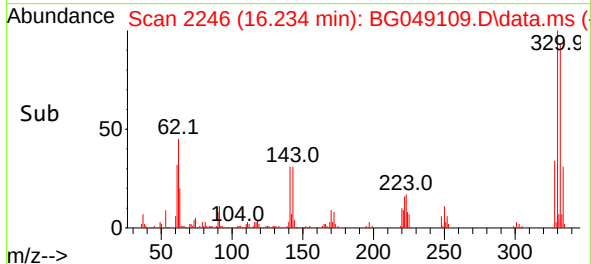
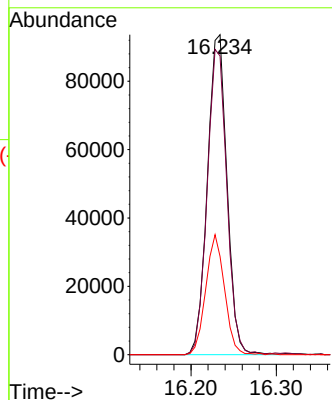
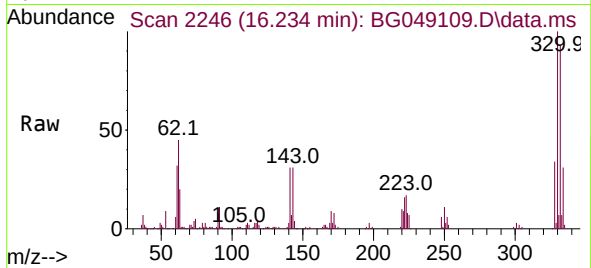




#42
2,4,6-Tribromophenol
Concen: 105.13 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

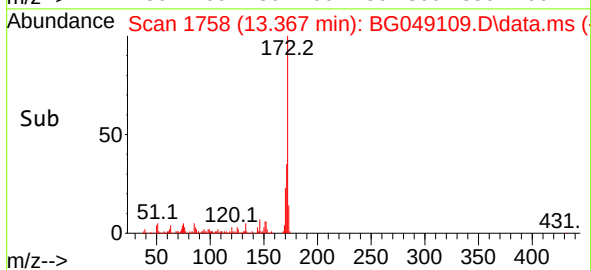
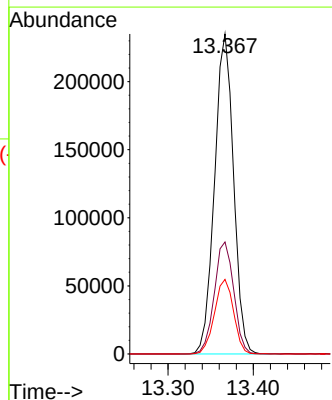
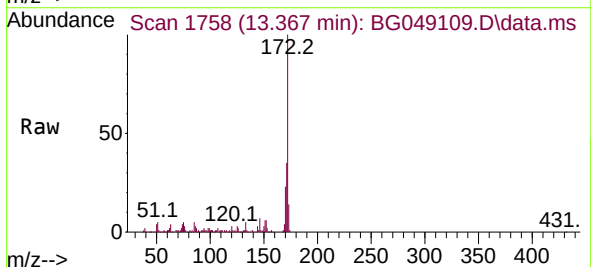
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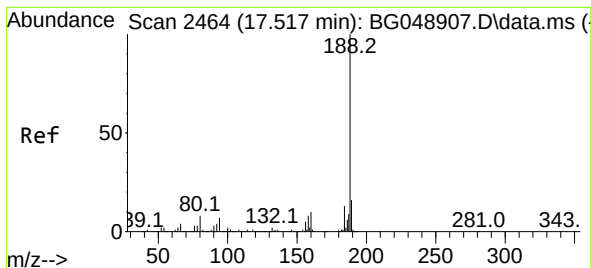
Tgt Ion:330 Resp: 149389
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 35.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 53.64 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:172 Resp: 364177
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.491 min Scan# 2460

Delta R.T. -0.009 min

Lab File: BG049109.D

Acq: 26 Jun 2021 15:12

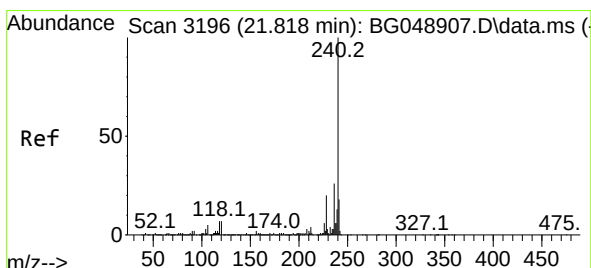
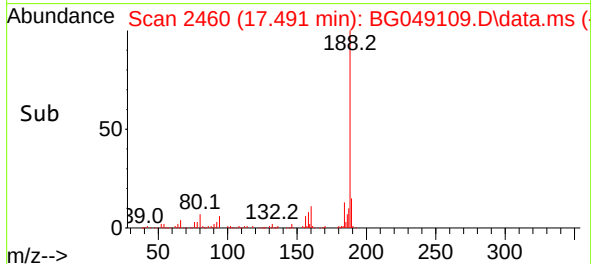
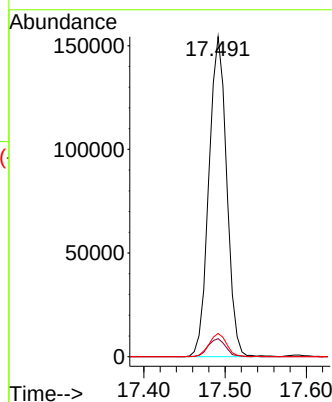
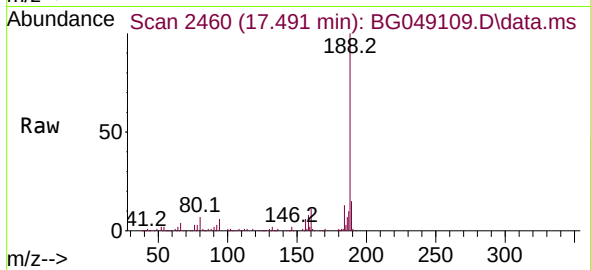
Tgt Ion:188 Resp: 234709

Ion Ratio Lower Upper

188 100

94 5.6 5.4 8.0

80 7.3 3.7 5.5#



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.775 min Scan# 3189

Delta R.T. -0.015 min

Lab File: BG049109.D

Acq: 26 Jun 2021 15:12

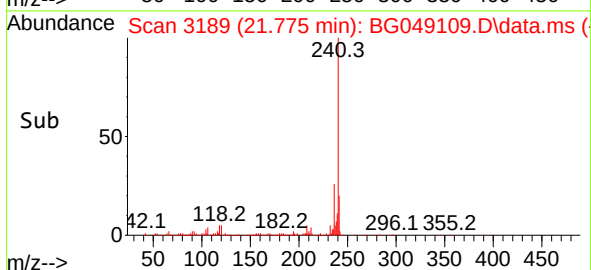
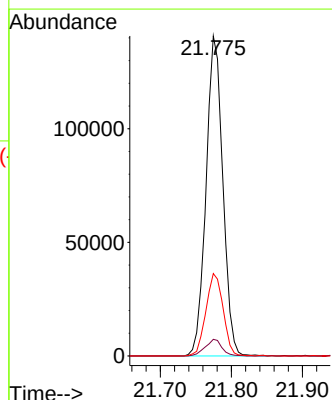
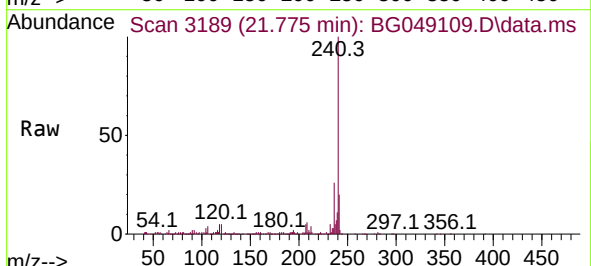
Tgt Ion:240 Resp: 231542

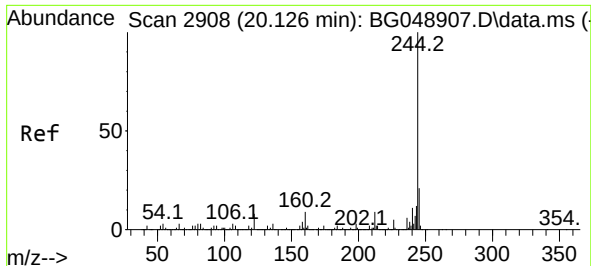
Ion Ratio Lower Upper

240 100

120 5.2 4.2 6.2

236 25.7 21.8 32.6

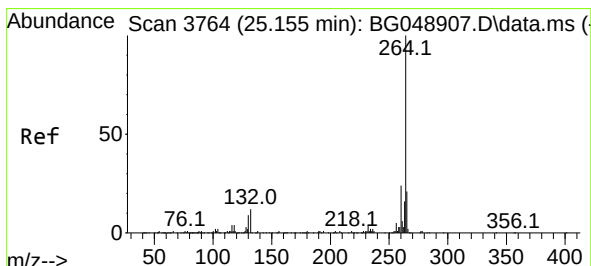
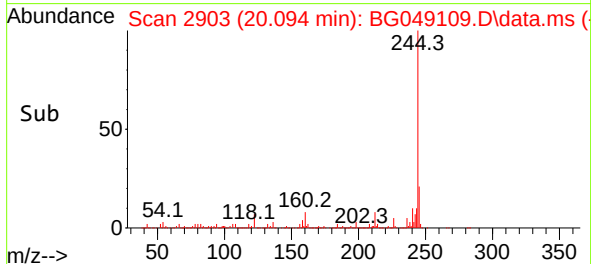
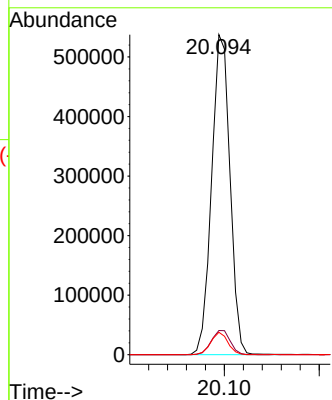
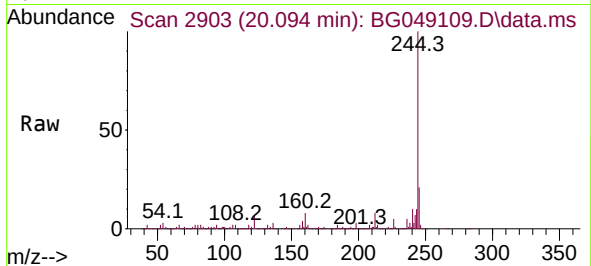




#79
Terphenyl-d14
Concen: 57.28 ng
RT: 20.094 min Scan# 2903
Delta R.T. -0.009 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-07

Tgt Ion:244 Resp: 724191
Ion Ratio Lower Upper
244 100
212 7.6 6.9 10.3
122 7.0 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.094 min Scan# 3754
Delta R.T. -0.009 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:264 Resp: 238768
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 21.8 16.9 25.3

