

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056609.D
 Acq On : 10 Feb 2023 17:18
 Operator : CG/JU
 Sample : 01513-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208

Quant Time: Feb 10 18:35:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 15:52:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

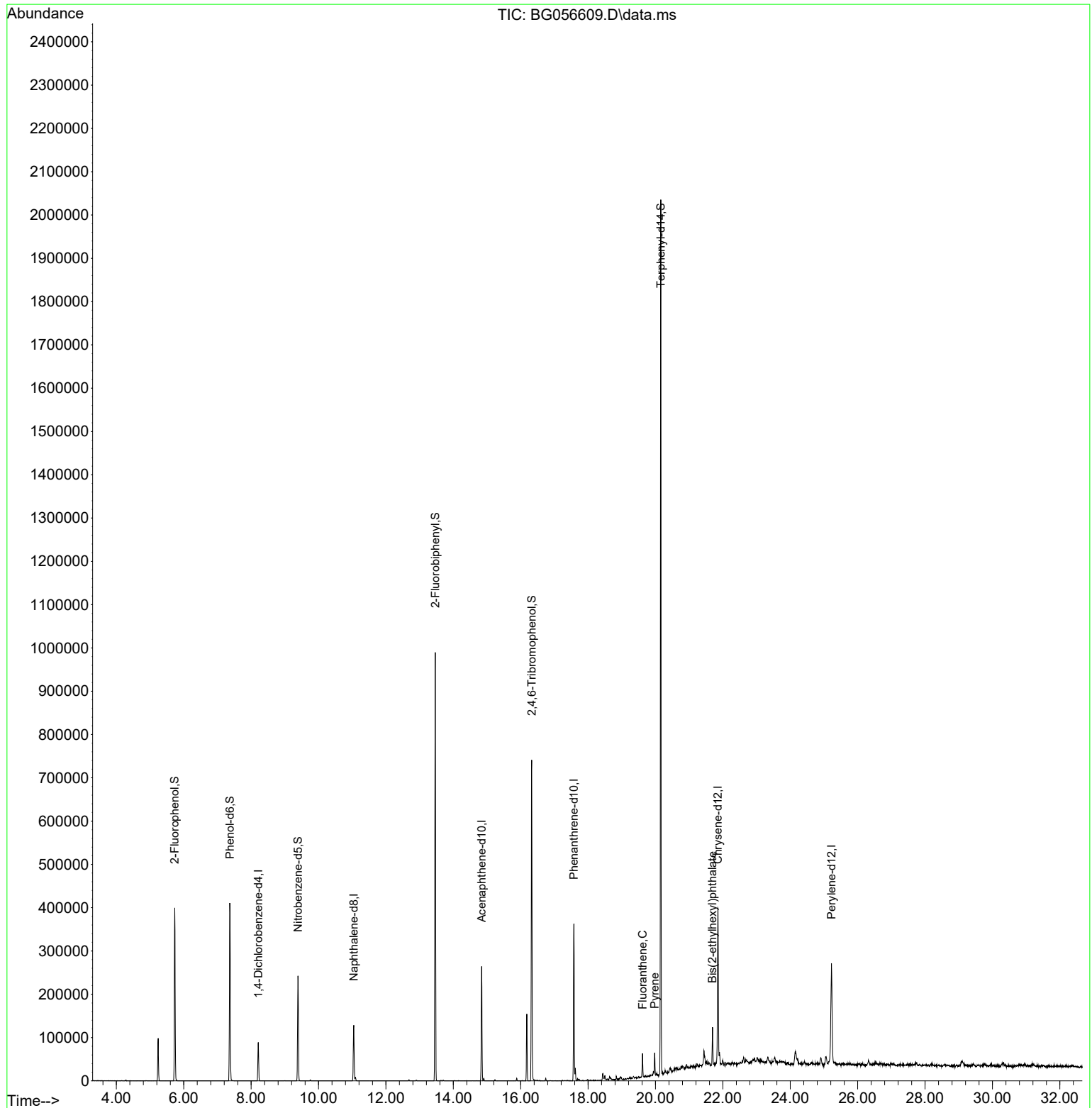
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.212	152	30306	20.000	ng	# 0.00
21) Naphthalene-d8	11.044	136	122546	20.000	ng	0.00
39) Acenaphthene-d10	14.840	164	101035	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	253462	20.000	ng	0.00
76) Chrysene-d12	21.849	240	236164	20.000	ng	-0.01
86) Perylene-d12	25.222	264	263679	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	229501	139.307	ng	0.00
7) Phenol-d6	7.366	99	320581	131.334	ng	0.00
23) Nitrobenzene-d5	9.387	82	170322	78.923	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	164325	122.338	ng	0.00
45) 2-Fluorobiphenyl	13.465	172	573395	78.683	ng	0.00
79) Terphenyl-d14	20.157	244	1059501	78.796	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.617	202	36761	2.196	ng	94
78) Pyrene	19.975	202	34171	2.034	ng	98
84) Bis(2-ethylhexyl)phtha...	21.691	149	43429	5.905	ng	97

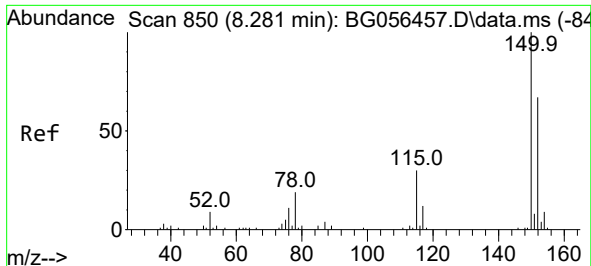
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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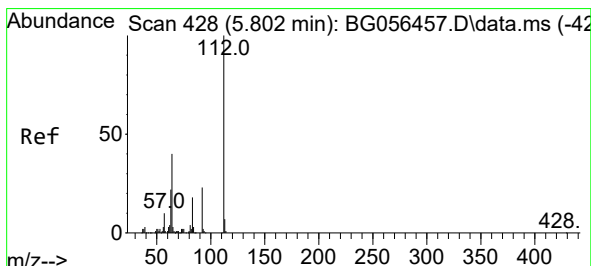
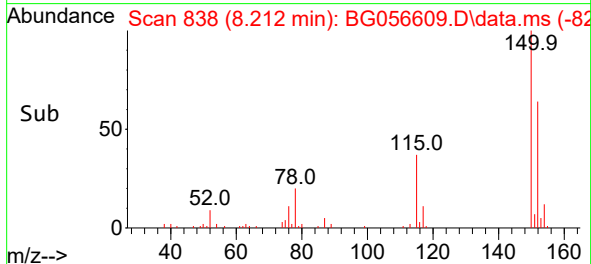
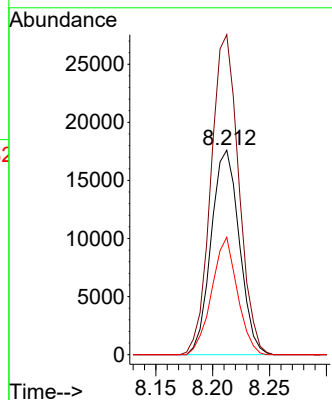
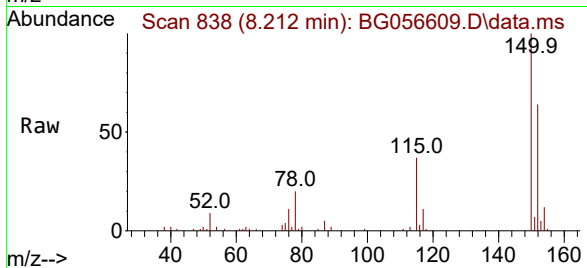




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.212 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

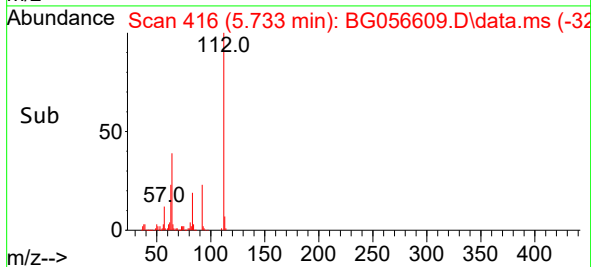
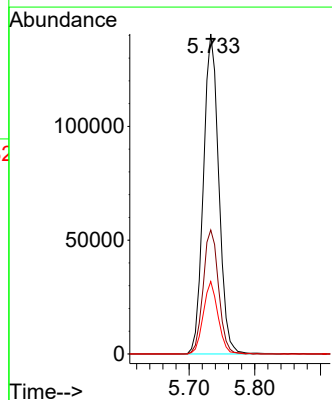
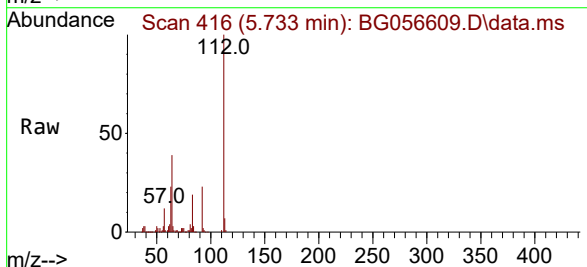
Instrument :
BNA_G
ClientSampleId :
VNJ-208

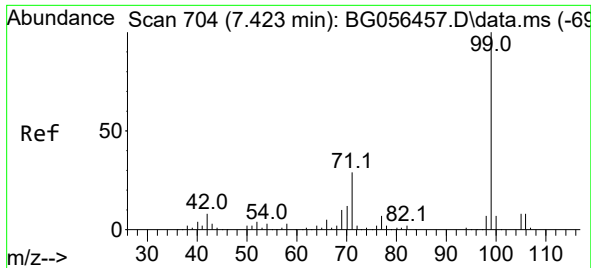
Tgt Ion:152 Resp: 30306
Ion Ratio Lower Upper
152 100
150 156.4 120.2 180.4
115 57.4 36.3 54.5#



#5
2-Fluorophenol
Concen: 139.307 ng
RT: 5.733 min Scan# 416
Delta R.T. 0.005 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

Tgt Ion:112 Resp: 229501
Ion Ratio Lower Upper
112 100
64 38.8 31.9 47.9
63 22.6 17.4 26.0

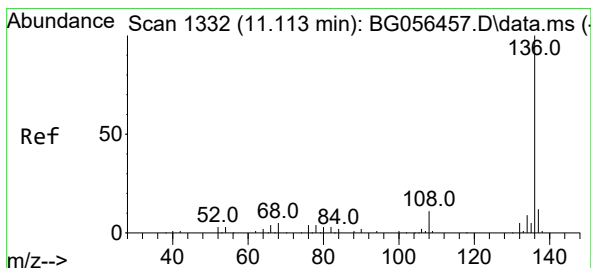
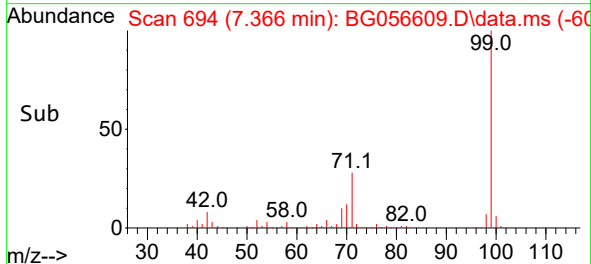
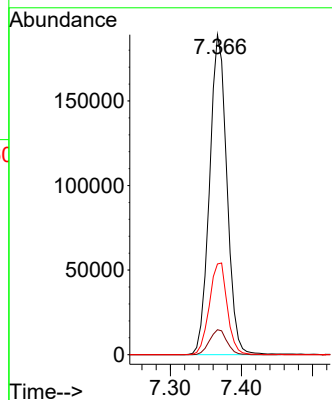
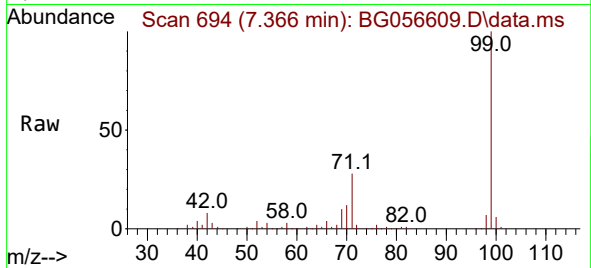




#7
Phenol-d6
Concen: 131.334 ng
RT: 7.366 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

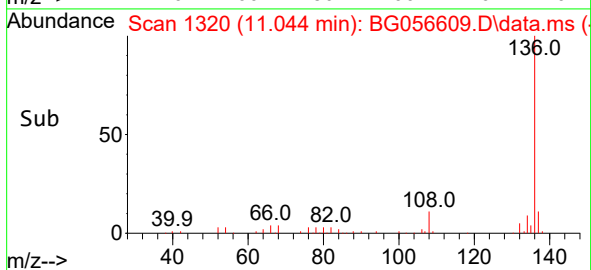
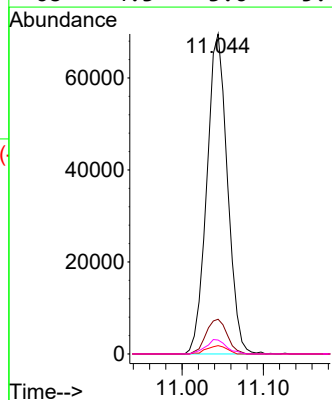
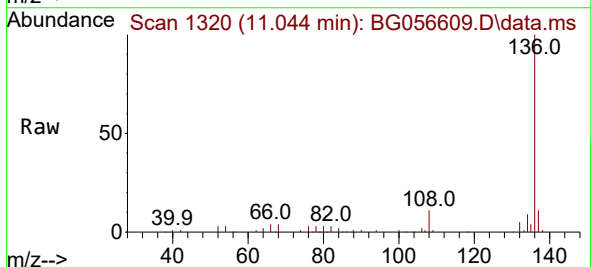
Instrument :
BNA_G
ClientSampleId :
VNJ-208

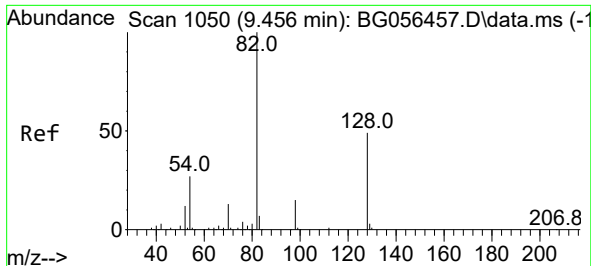
Tgt Ion: 99 Resp: 320581
Ion Ratio Lower Upper
99 100
42 7.8 6.6 10.0
71 28.3 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

Tgt Ion: 136 Resp: 122546
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.6 2.2 3.4
68 4.3 3.6 5.4

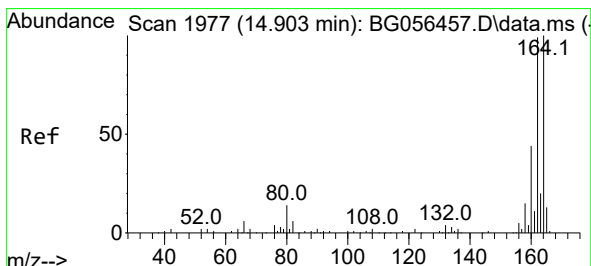
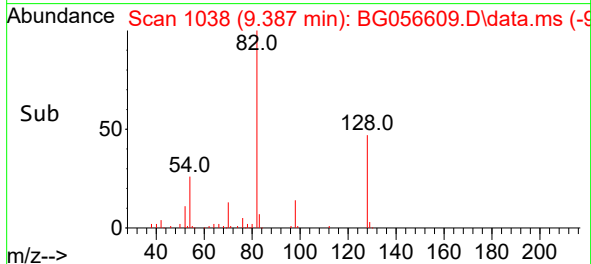
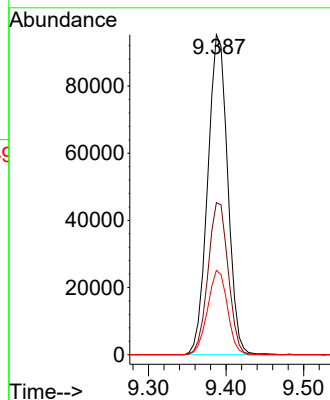
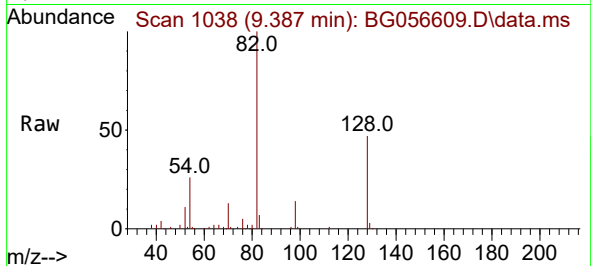




#23
Nitrobenzene-d5
Concen: 78.923 ng
RT: 9.387 min Scan# 1038
Delta R.T. -0.001 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

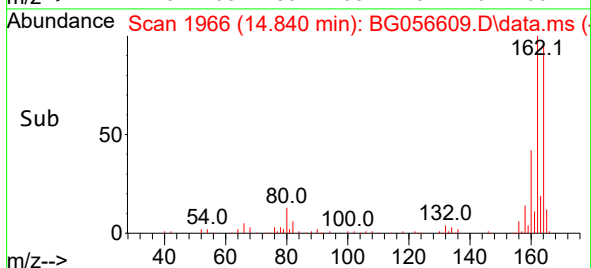
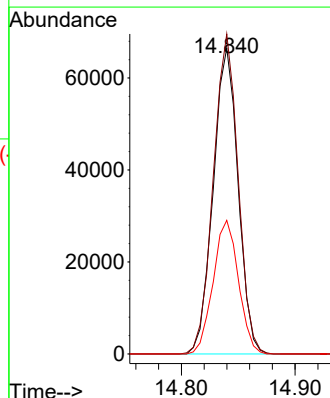
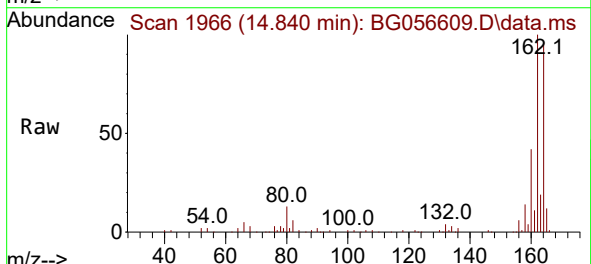
Instrument :
BNA_G
ClientSampleId :
VNJ-208

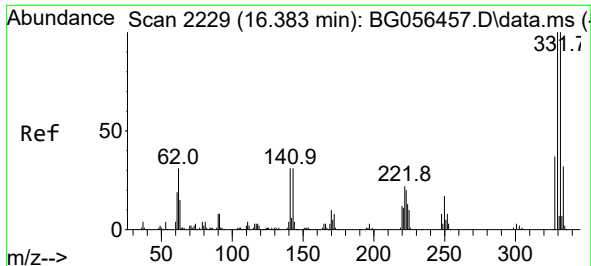
Tgt Ion: 82 Resp: 170322
Ion Ratio Lower Upper
82 100
128 47.5 39.4 59.2
54 26.4 21.4 32.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.840 min Scan# 1966
Delta R.T. -0.001 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

Tgt Ion: 164 Resp: 101035
Ion Ratio Lower Upper
164 100
162 104.6 79.6 119.4
160 43.7 34.9 52.3

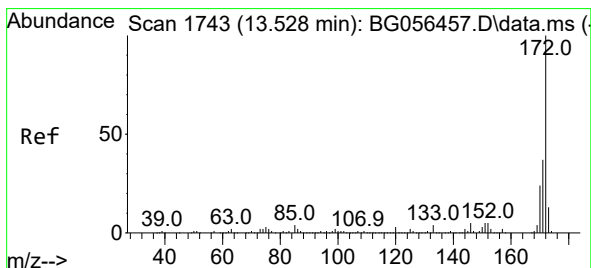
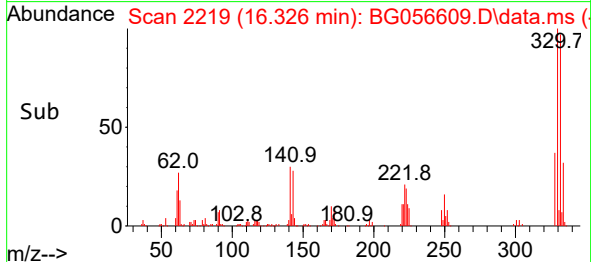
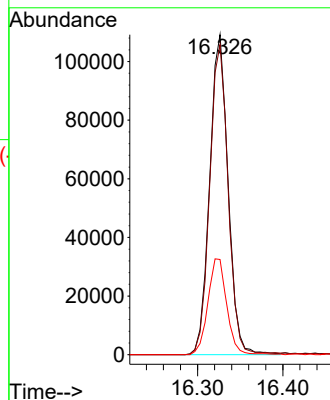
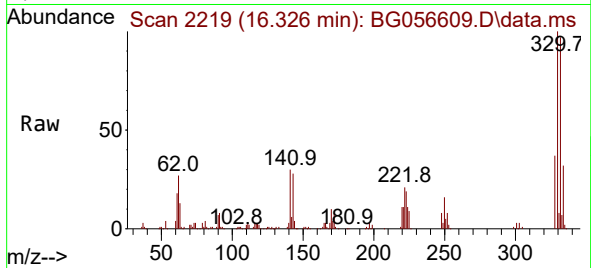




#42
2,4,6-Tribromophenol
Concen: 122.338 ng
RT: 16.326 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

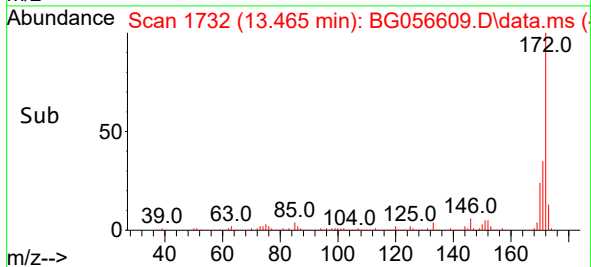
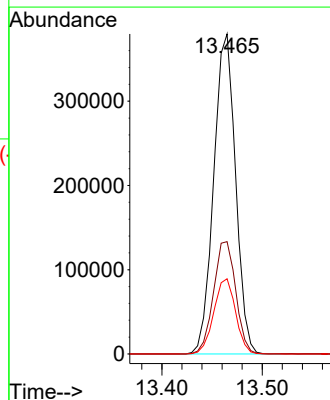
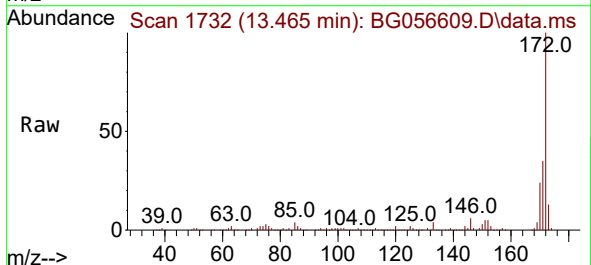
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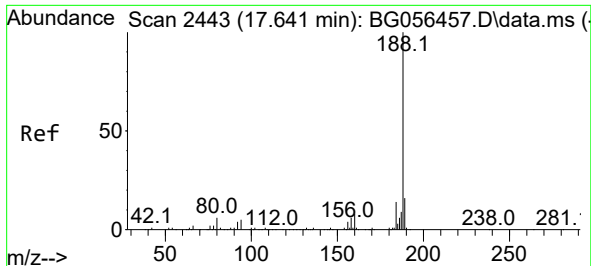
Tgt Ion:330 Resp: 164325
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.6
141 30.7 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 78.683 ng
RT: 13.465 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

Tgt Ion:172 Resp: 573395
Ion Ratio Lower Upper
172 100
171 35.1 29.5 44.3
170 23.5 19.2 28.8

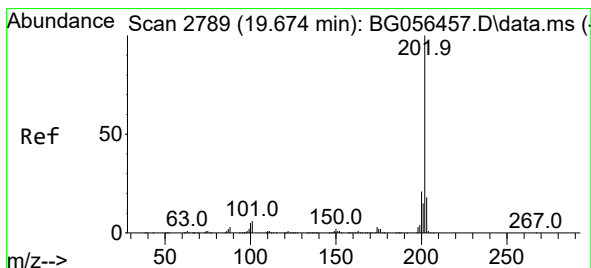
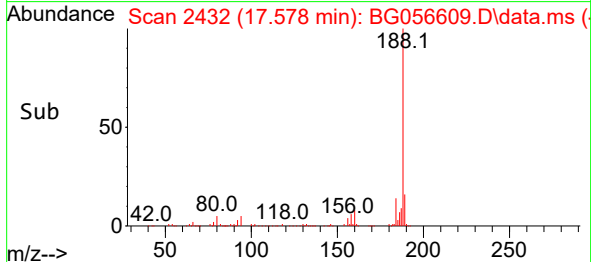
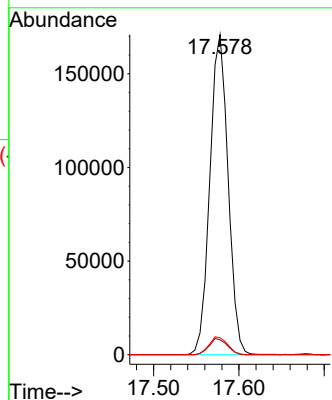
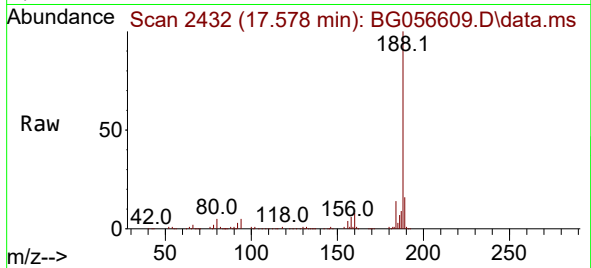




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 2443
Delta R.T. -0.007 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

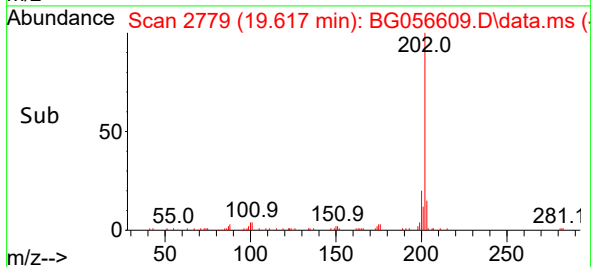
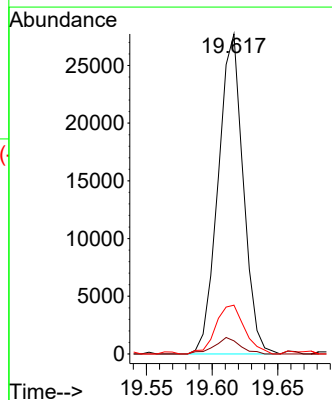
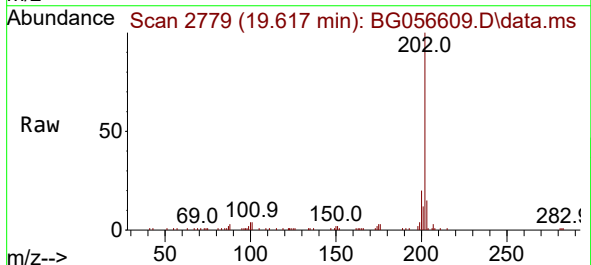
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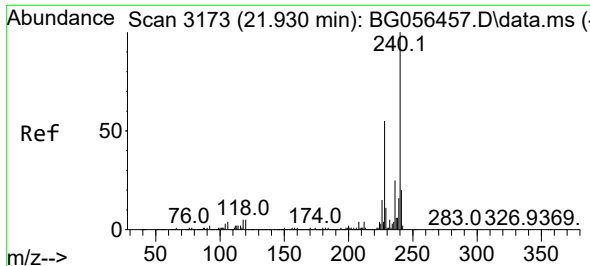
Tgt Ion:188 Resp: 253462
Ion Ratio Lower Upper
188 100
94 4.6 4.1 6.1
80 5.3 5.0 7.4



#75
Fluoranthene
Concen: 2.196 ng
RT: 19.617 min Scan# 2779
Delta R.T. -0.007 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

Tgt Ion:202 Resp: 36761
Ion Ratio Lower Upper
202 100
101 4.1 0.0 25.6
203 15.2 0.0 38.1

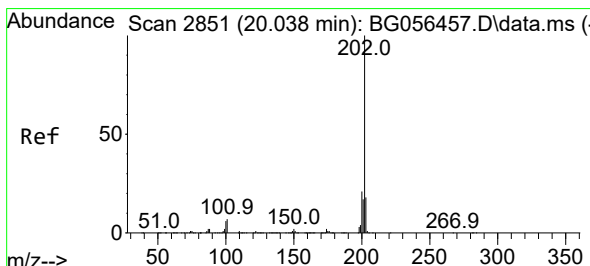
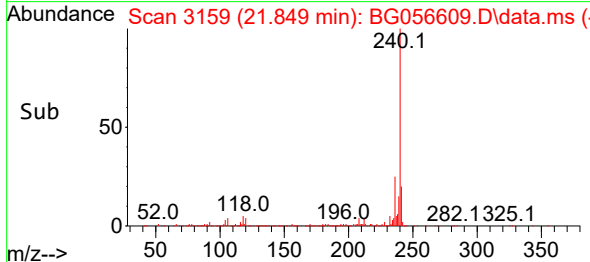
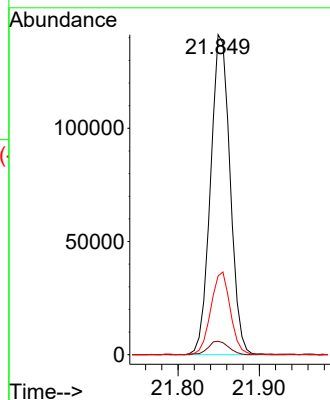
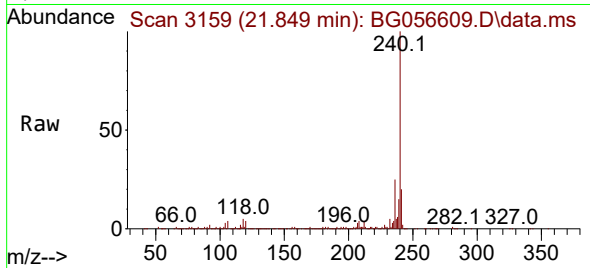




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3173
Delta R.T. -0.013 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

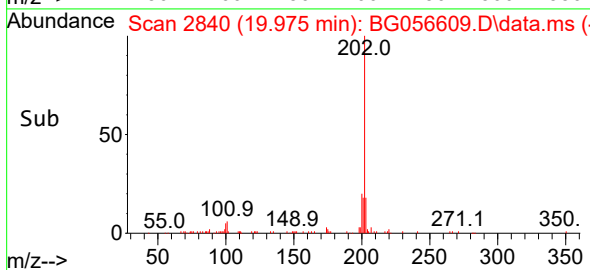
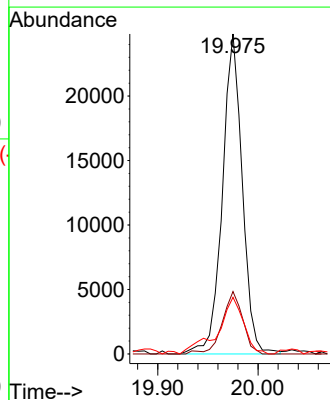
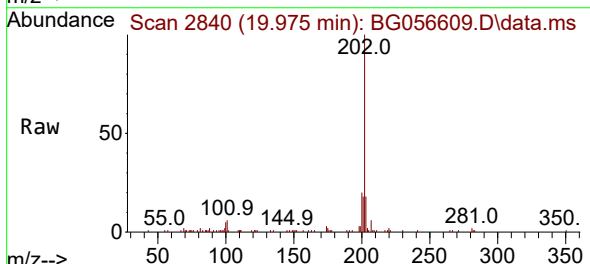
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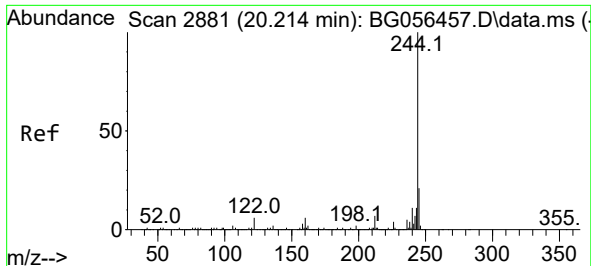
Tgt Ion:240 Resp: 236164
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 24.6 20.2 30.2



#78
Pyrene
Concen: 2.034 ng
RT: 19.975 min Scan# 2840
Delta R.T. -0.007 min
Lab File: BG056609.D
Acq: 10 Feb 2023 17:18

Tgt Ion:202 Resp: 34171
Ion Ratio Lower Upper
202 100
200 19.5 16.7 25.1
203 17.7 14.4 21.6

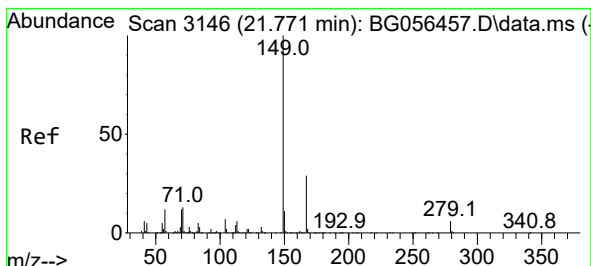
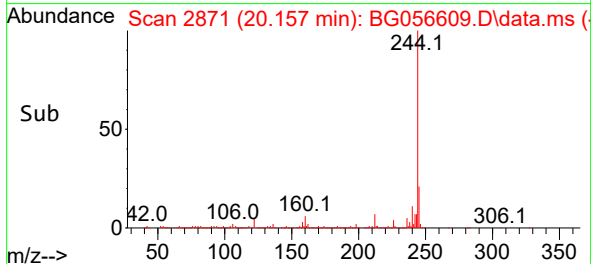
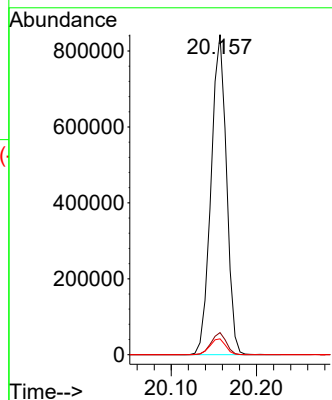
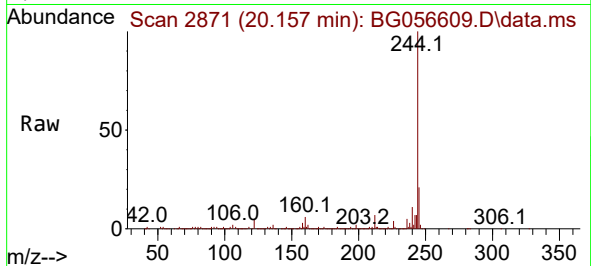




#79
 Terphenyl-d14
 Concen: 78.796 ng
 RT: 20.157 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056609.D
 Acq: 10 Feb 2023 17:18

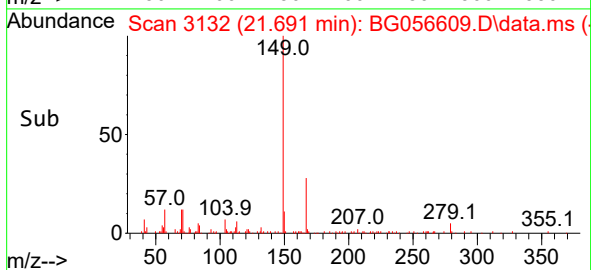
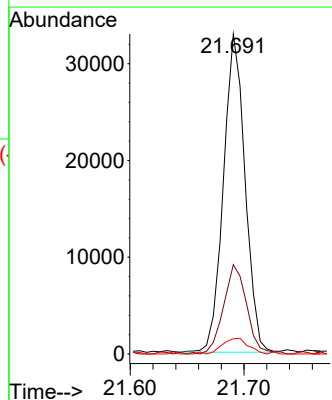
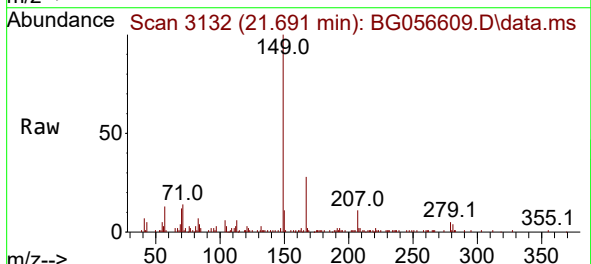
Instrument :
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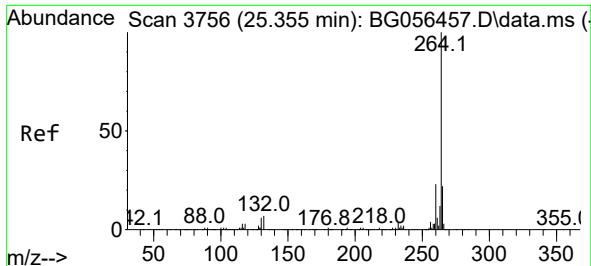
Tgt Ion:244 Resp: 1059501
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 4.9 4.4 6.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.905 ng
 RT: 21.691 min Scan# 3132
 Delta R.T. -0.007 min
 Lab File: BG056609.D
 Acq: 10 Feb 2023 17:18

Tgt Ion:149 Resp: 43429
 Ion Ratio Lower Upper
 149 100
 167 27.9 23.4 35.2
 279 4.7 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.222 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BG056609.D
 Acq: 10 Feb 2023 17:18

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208

Tgt Ion:264 Resp: 263679
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.4
 265 20.7 18.1 27.1

