

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056608.D
 Acq On : 10 Feb 2023 16:37
 Operator : CG/JU
 Sample : 01510-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-59-020823

Quant Time: Feb 10 17:58:09 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	8.211	152	29325	20.000	ng	# 0.00
21) Naphthalene-d8	11.043	136	116111	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	97566	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	254026	20.000	ng	0.00
76) Chrysene-d12	21.854	240	239731	20.000	ng	0.00
86) Perylene-d12	25.221	264	260432	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	167847	105.292	ng	0.00
7) Phenol-d6	7.365	99	241278	102.152	ng	0.00
23) Nitrobenzene-d5	9.386	82	130091	63.622	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	127031	97.936	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	468740	66.609	ng	0.00
79) Terphenyl-d14	20.156	244	954065	69.899	ng	0.00

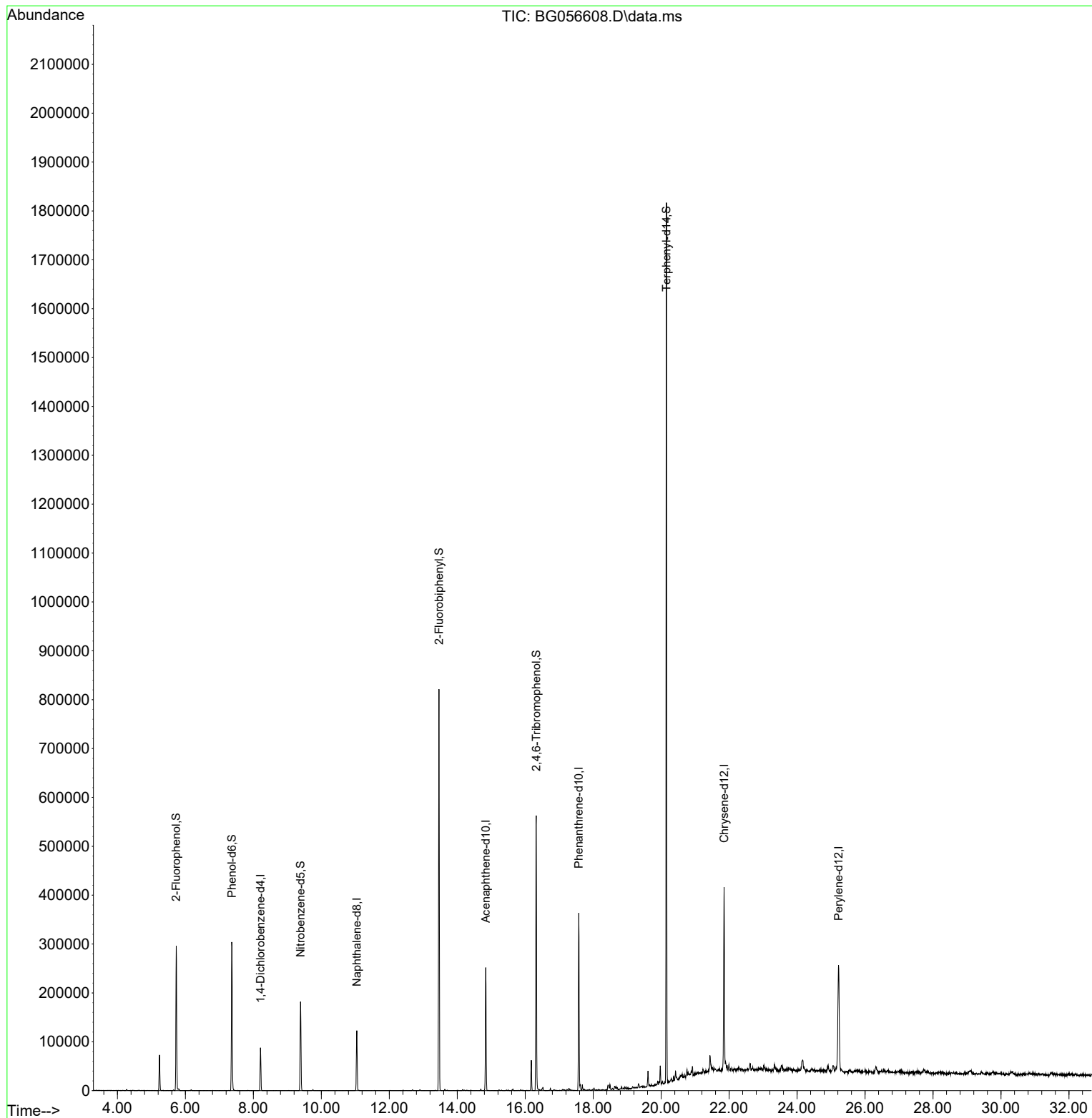
Target Compounds	Qvalue

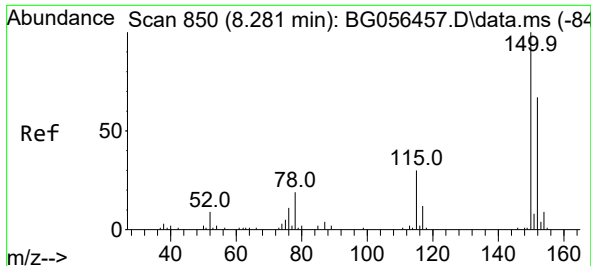
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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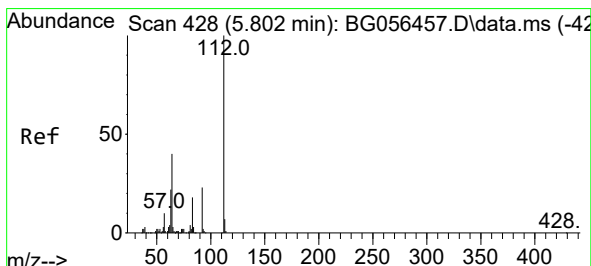
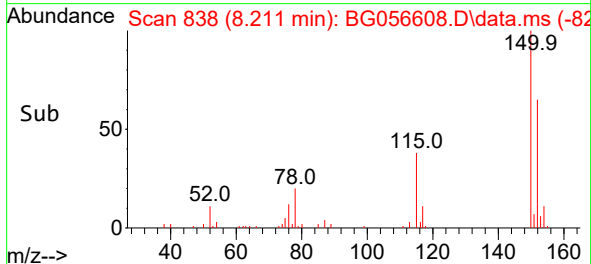
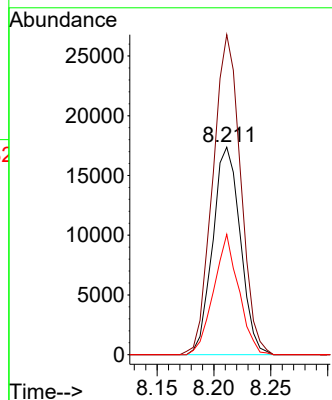
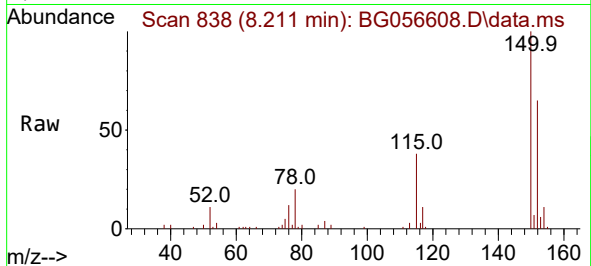




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056608.D
Acq: 10 Feb 2023 16:37

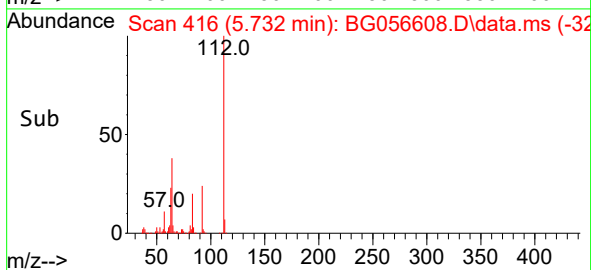
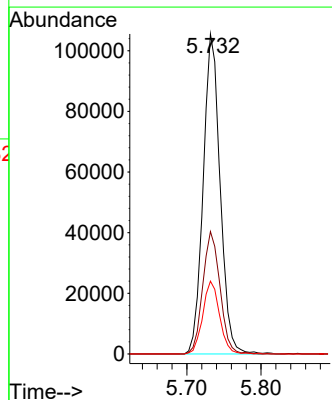
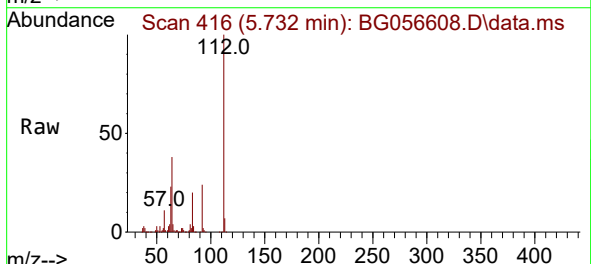
Instrument :
BNA_G
ClientSampleId :
JPP-59-020823

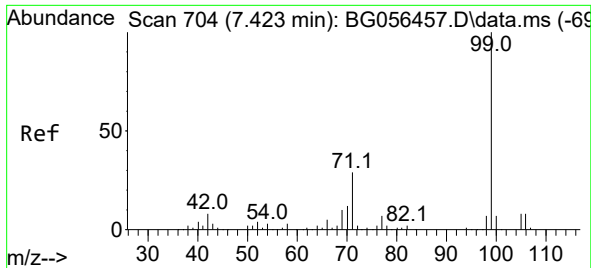
Tgt Ion:152 Resp: 29325
Ion Ratio Lower Upper
152 100
150 154.2 120.2 180.4
115 58.0 36.3 54.5#



#5
2-Fluorophenol
Concen: 105.292 ng
RT: 5.732 min Scan# 416
Delta R.T. 0.004 min
Lab File: BG056608.D
Acq: 10 Feb 2023 16:37

Tgt Ion:112 Resp: 167847
Ion Ratio Lower Upper
112 100
64 38.3 31.9 47.9
63 22.7 17.4 26.0

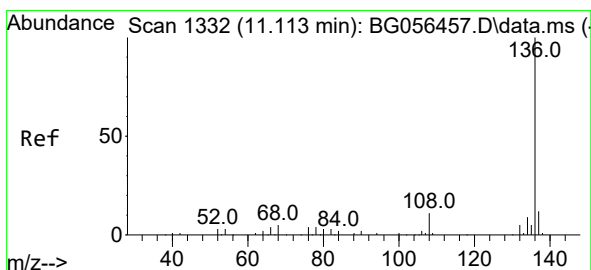
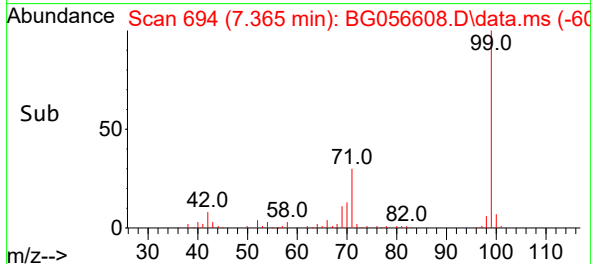
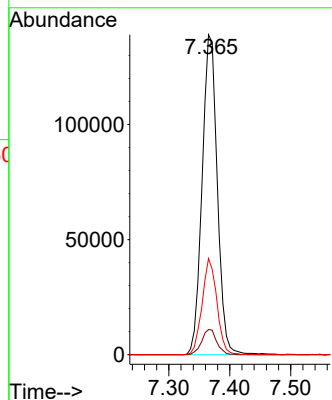
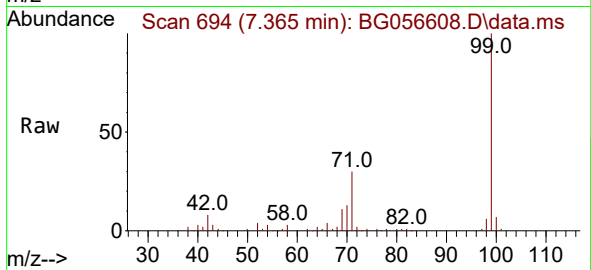




#7
Phenol-d6
Concen: 102.152 ng
RT: 7.365 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG056608.D
Acq: 10 Feb 2023 16:37

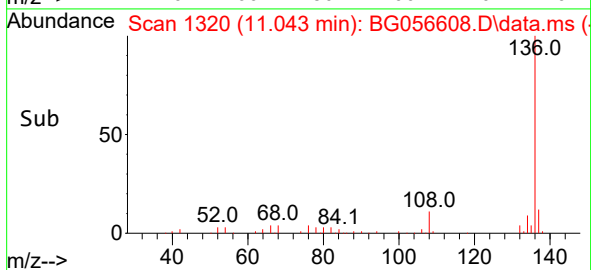
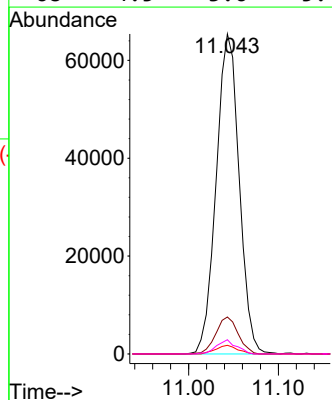
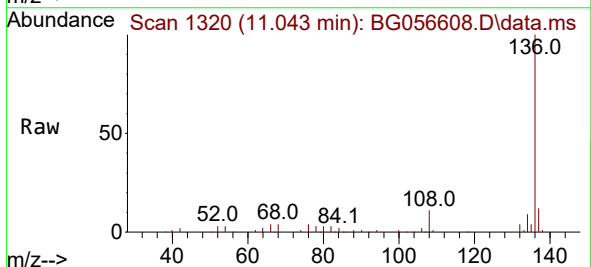
Instrument :
BNA_G
ClientSampleId :
JPP-59-020823

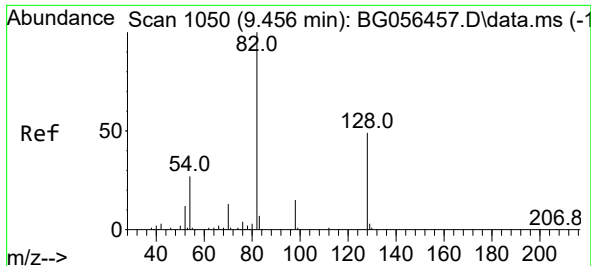
Tgt Ion: 99 Resp: 241278
Ion Ratio Lower Upper
99 100
42 7.9 6.6 10.0
71 30.0 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1320
Delta R.T. -0.002 min
Lab File: BG056608.D
Acq: 10 Feb 2023 16:37

Tgt Ion: 136 Resp: 116111
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 2.7 2.2 3.4
68 4.5 3.6 5.4

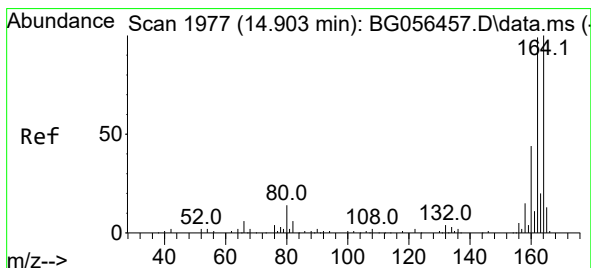
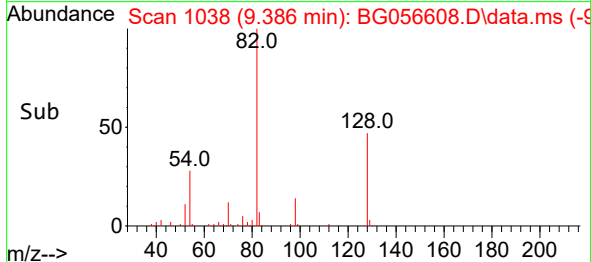
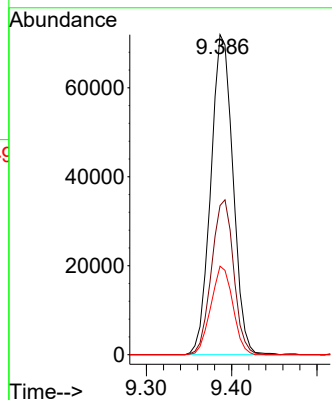
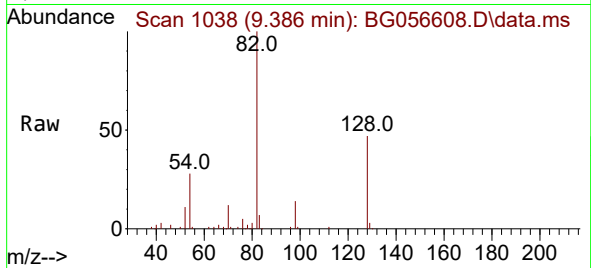




#23
Nitrobenzene-d5
Concen: 63.622 ng
RT: 9.386 min Scan# 1050
Delta R.T. -0.002 min
Lab File: BG056608.D
Acq: 10 Feb 2023 16:37

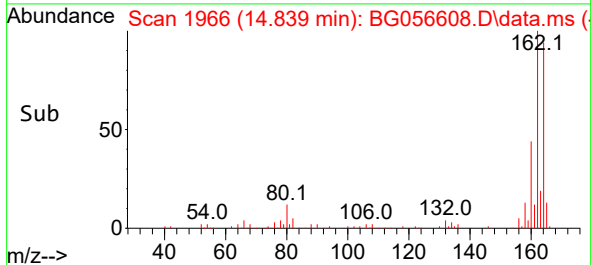
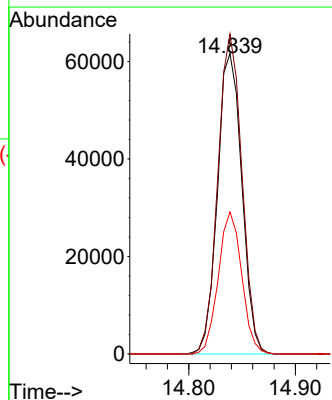
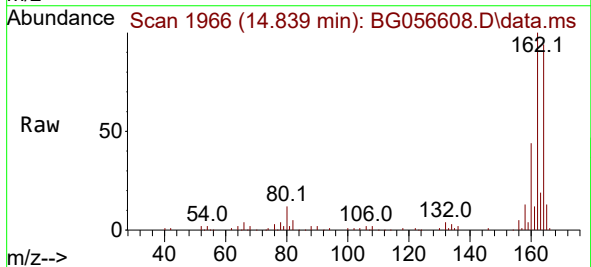
Instrument :
BNA_G
ClientSampleId :
JPP-59-020823

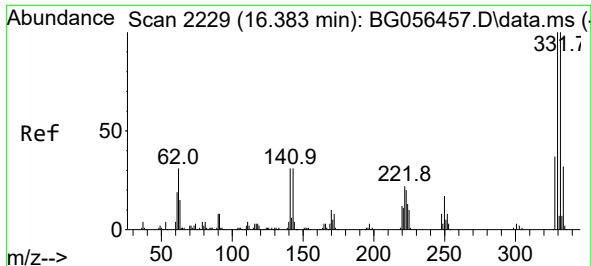
Tgt Ion: 82 Resp: 130091
Ion Ratio Lower Upper
82 100
128 46.6 39.4 59.2
54 27.7 21.4 32.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG056608.D
Acq: 10 Feb 2023 16:37

Tgt Ion: 164 Resp: 97566
Ion Ratio Lower Upper
164 100
162 106.5 79.6 119.4
160 47.3 34.9 52.3

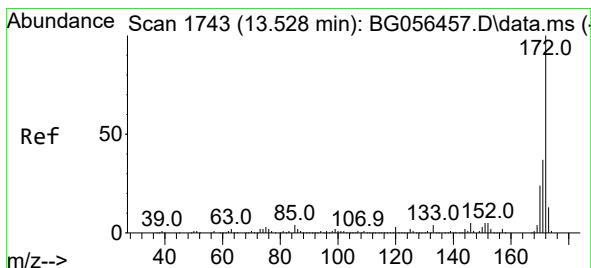
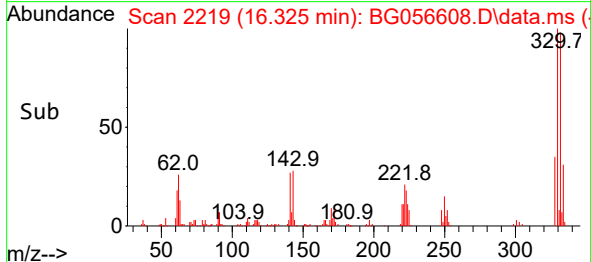
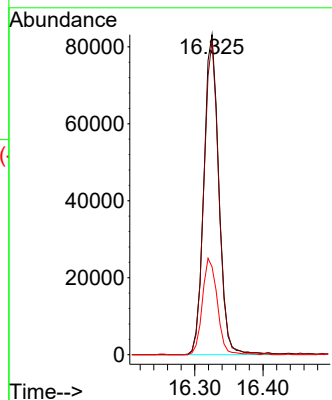
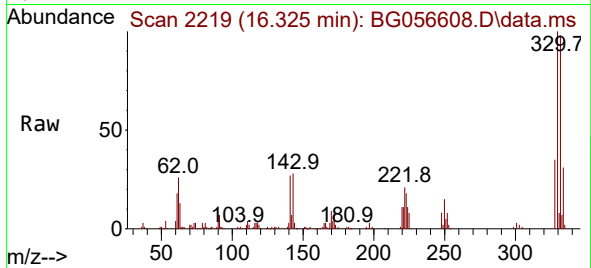




#42
 2,4,6-Tribromophenol
 Concen: 97.936 ng
 RT: 16.325 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056608.D
 Acq: 10 Feb 2023 16:37

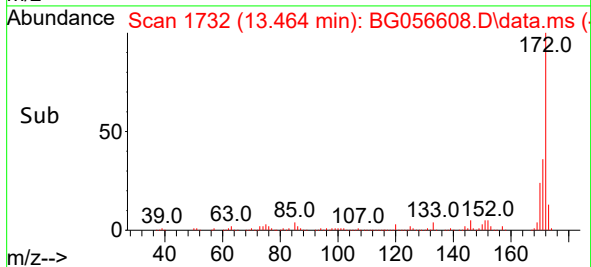
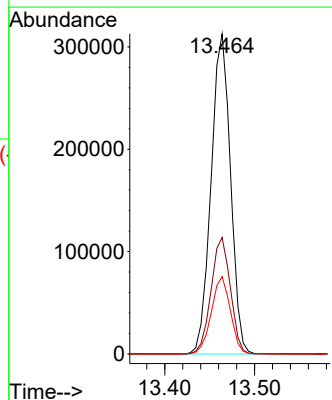
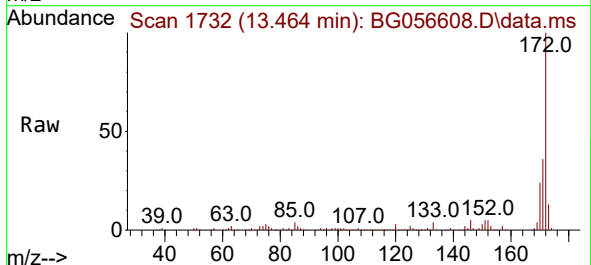
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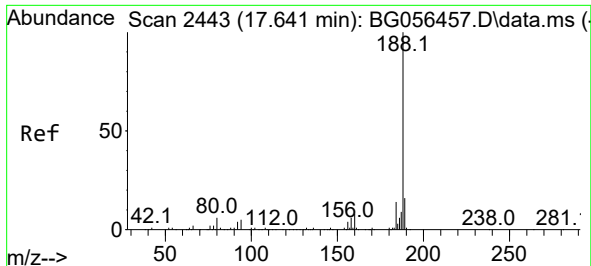
Tgt Ion:330 Resp: 127031
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.6
 141 29.9 24.2 36.4



#45
 2-Fluorobiphenyl
 Concen: 66.609 ng
 RT: 13.464 min Scan# 1732
 Delta R.T. -0.002 min
 Lab File: BG056608.D
 Acq: 10 Feb 2023 16:37

Tgt Ion:172 Resp: 468740
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 24.2 19.2 28.8

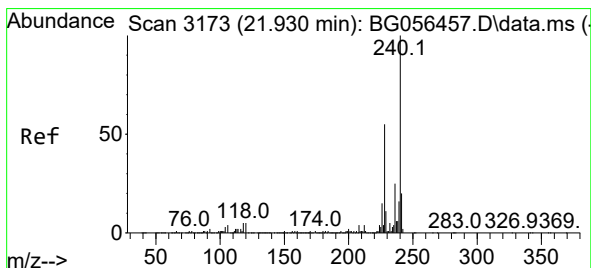
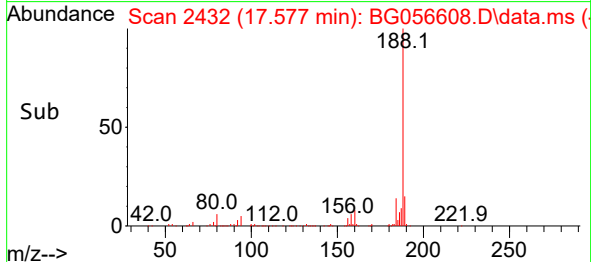
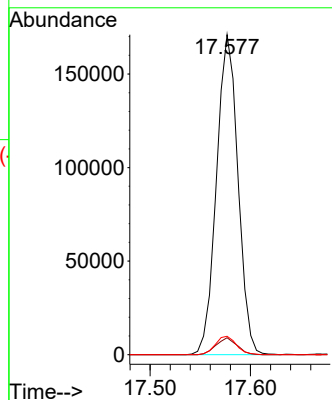
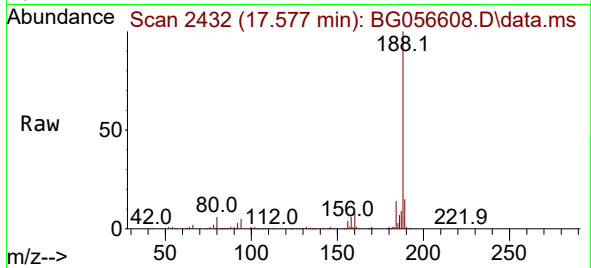




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2443
Delta R.T. -0.008 min
Lab File: BG056608.D
Acq: 10 Feb 2023 16:37

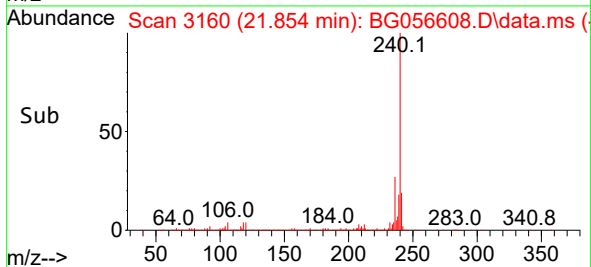
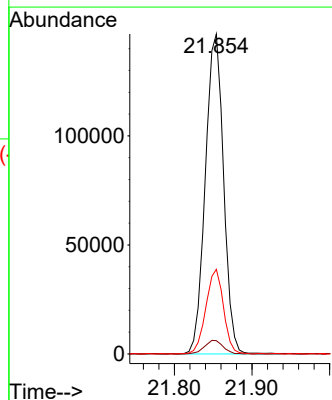
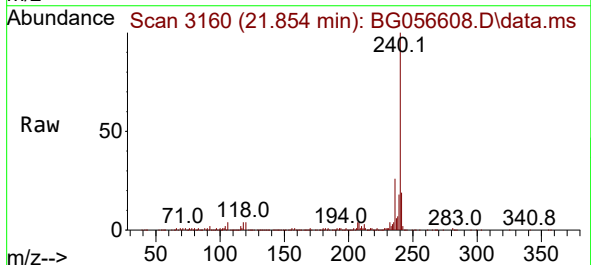
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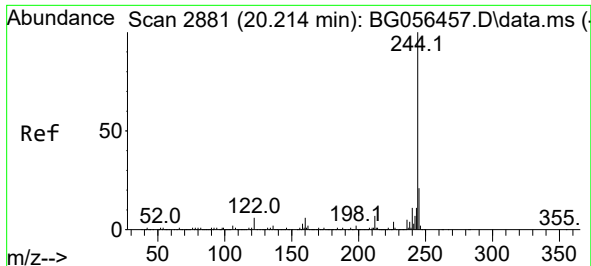
Tgt Ion:188 Resp: 254026
Ion Ratio Lower Upper
188 100
94 5.3 4.1 6.1
80 5.8 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BG056608.D
Acq: 10 Feb 2023 16:37

Tgt Ion:240 Resp: 239731
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 26.5 20.2 30.2

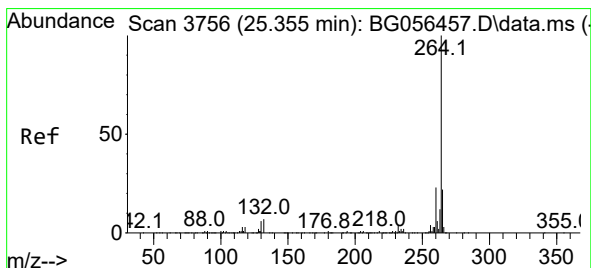
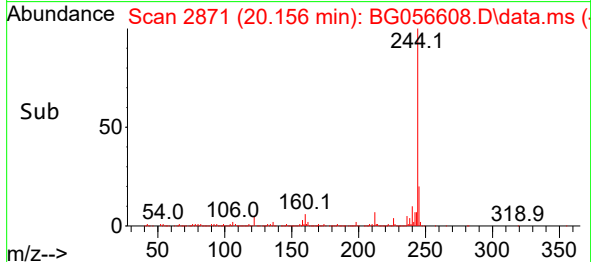
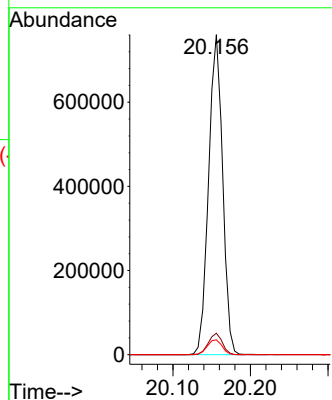
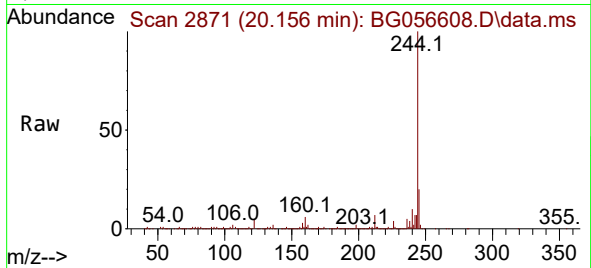




#79
 Terphenyl-d14
 Concen: 69.899 ng
 RT: 20.156 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056608.D
 Acq: 10 Feb 2023 16:37

Instrument :
 BNA_G
 ClientSampleId :
 JPP-59-020823

Tgt Ion:244 Resp: 954065
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 4.7 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.221 min Scan# 3733
 Delta R.T. -0.014 min
 Lab File: BG056608.D
 Acq: 10 Feb 2023 16:37

Tgt Ion:264 Resp: 260432
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.4
 265 21.3 18.1 27.1

