

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057089.D
 Acq On : 13 Apr 2023 20:03
 Operator : CG/JU
 Sample : 02292-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G3-041123

Quant Time: Apr 14 01:23:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	16143	20.000	ng	0.00
21) Naphthalene-d8	11.240	136	60510	20.000	ng	# 0.00
39) Acenaphthene-d10	15.011	164	38777	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	100304	20.000	ng	0.00
76) Chrysene-d12	22.066	240	90621	20.000	ng	#-0.01
86) Perylene-d12	25.603	264	18905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	126654	125.567	ng	0.00
7) Phenol-d6	7.533	99	156710	103.880	ng	0.00
23) Nitrobenzene-d5	9.578	82	126283	85.394	ng	0.00
42) 2,4,6-Tribromophenol	16.492	330	92580	149.449	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	265865	92.972	ng	0.00
79) Terphenyl-d14	20.322	244	561250	104.802	ng	0.00

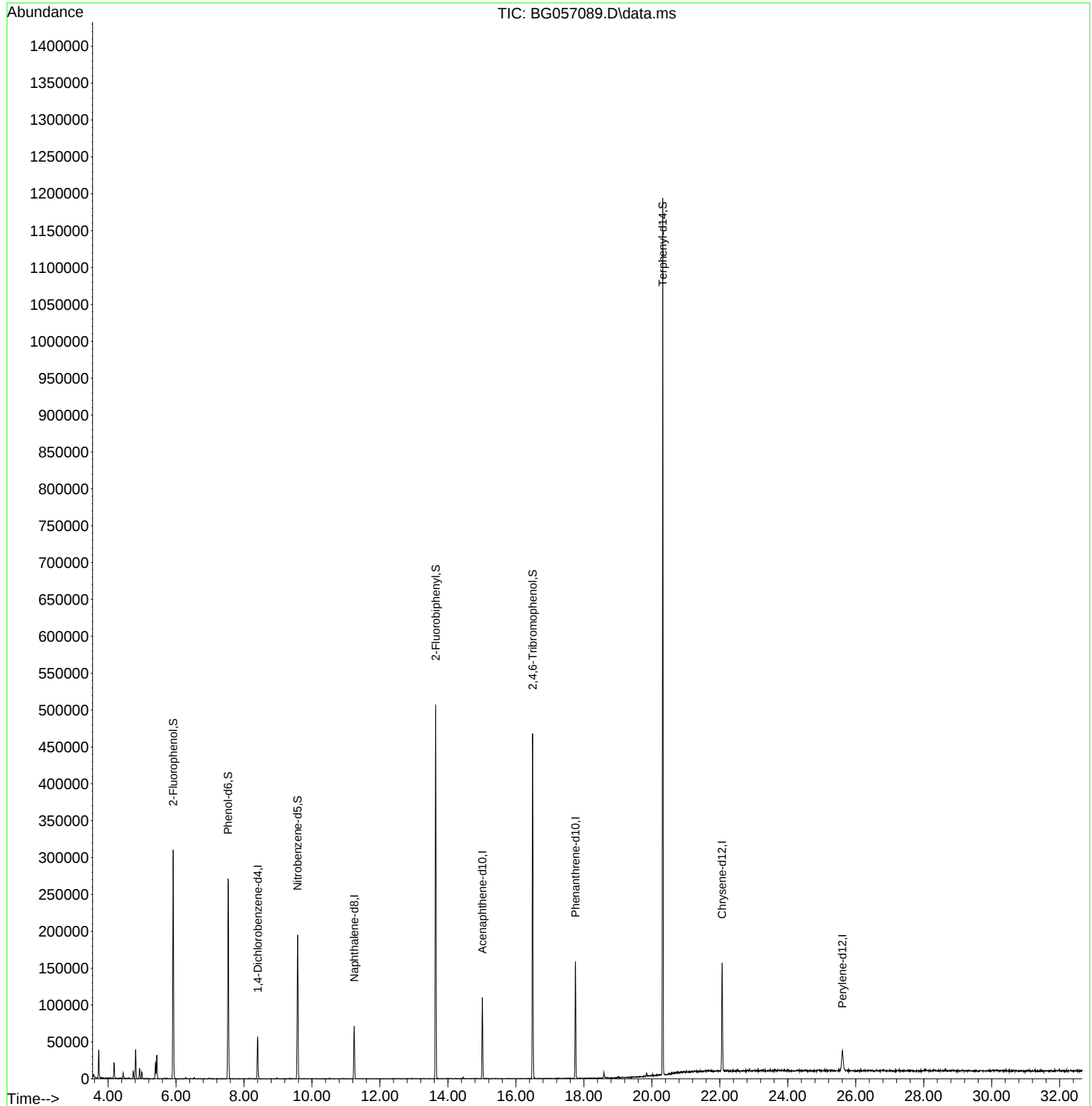
Target Compounds Qvalue

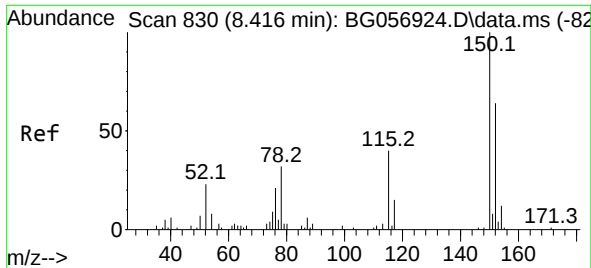
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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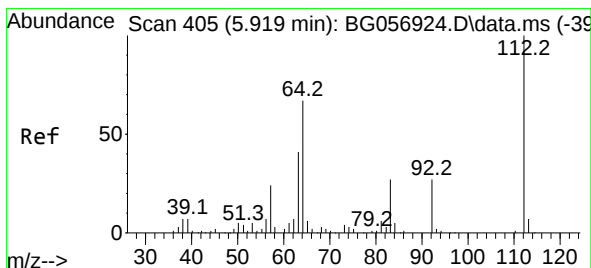
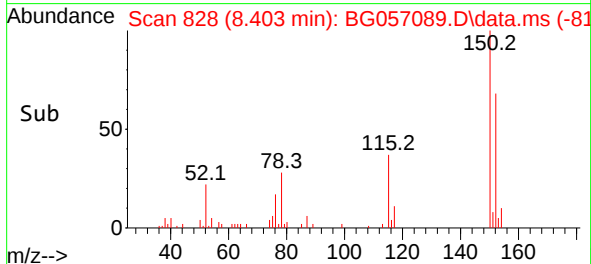
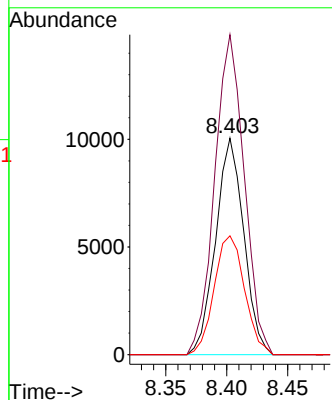
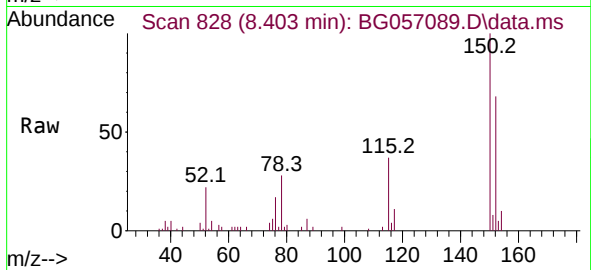




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

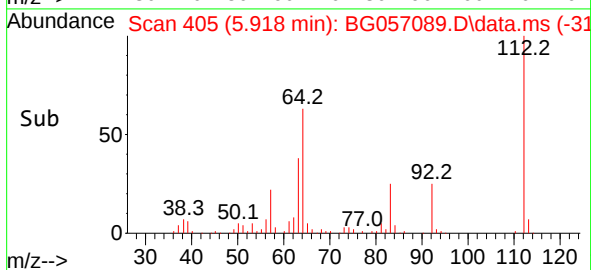
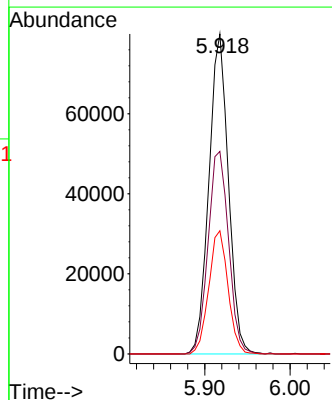
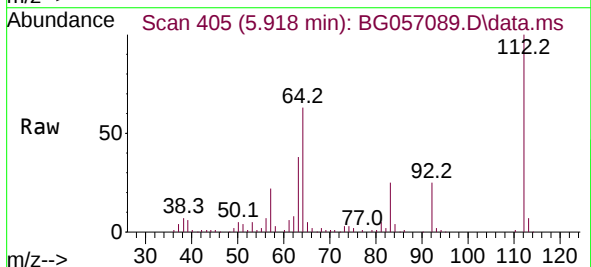
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

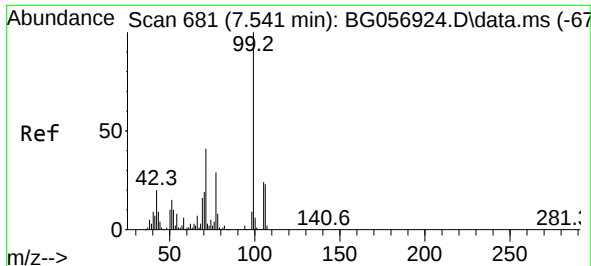
Tgt Ion:152 Resp: 16143
Ion Ratio Lower Upper
152 100
150 147.8 124.1 186.1
115 54.9 49.1 73.7



#5
2-Fluorophenol
Concen: 125.567 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Tgt Ion:112 Resp: 126654
Ion Ratio Lower Upper
112 100
64 63.3 53.2 79.8
63 38.5 32.6 48.8

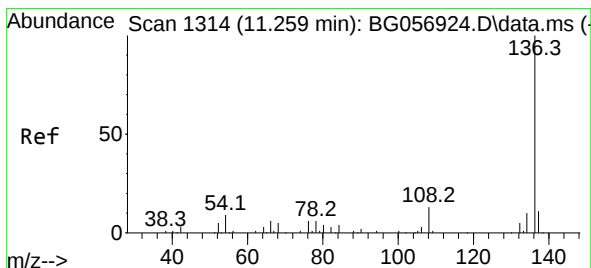
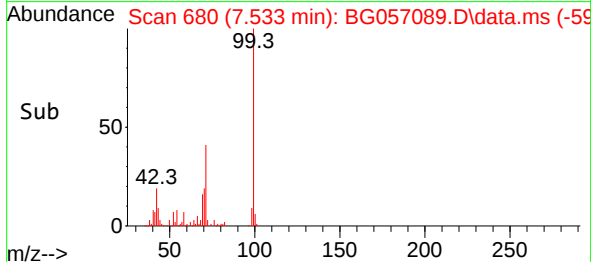
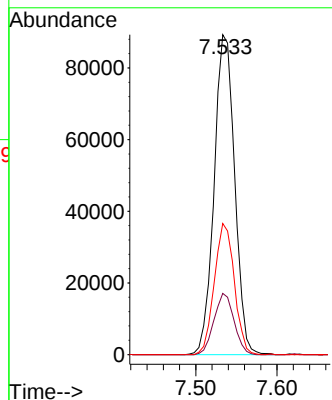
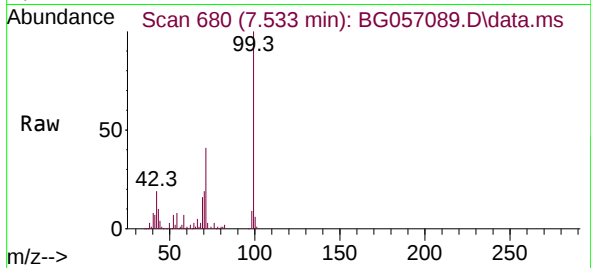




#7
Phenol-d6
Concen: 103.880 ng
RT: 7.533 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

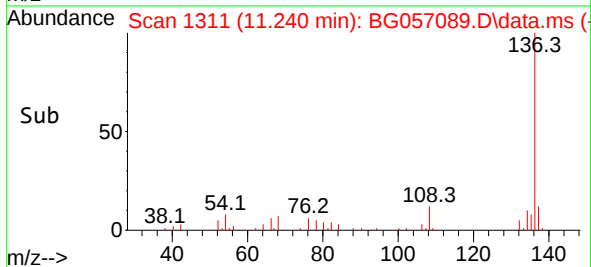
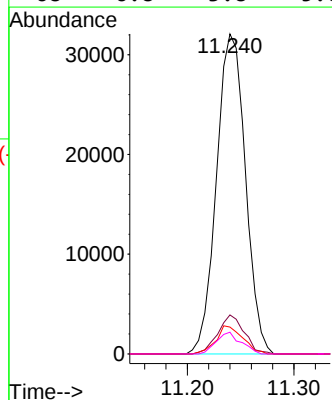
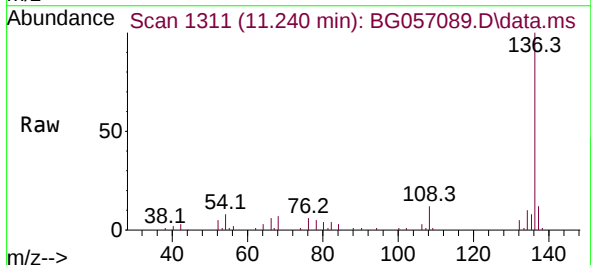
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

Tgt Ion: 99 Resp: 156710
Ion Ratio Lower Upper
99 100
42 19.2 15.7 23.5
71 41.0 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.240 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Tgt Ion: 136 Resp: 60510
Ion Ratio Lower Upper
136 100
137 12.2 8.6 13.0
54 8.4 6.9 10.3
68 6.8 3.8 5.6#

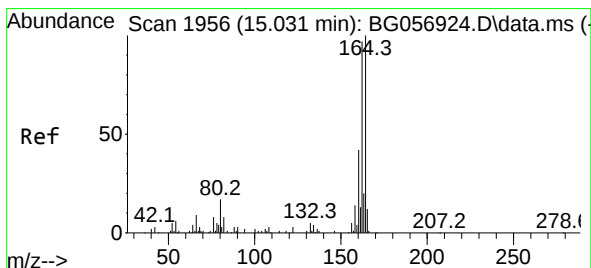
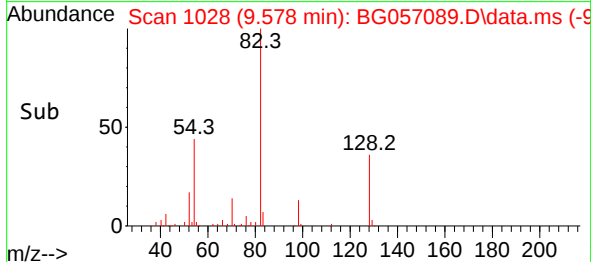
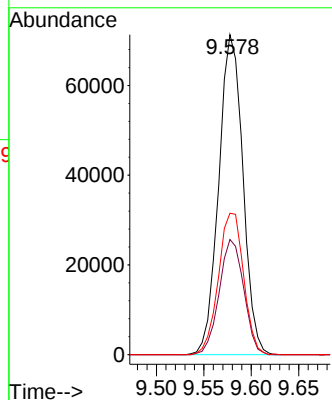
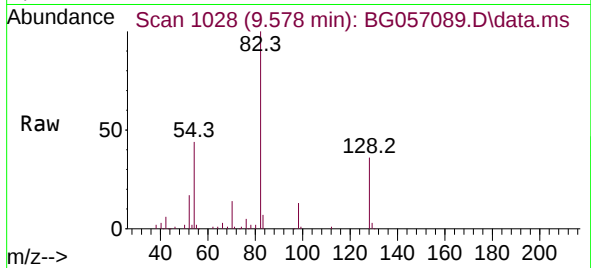




#23
Nitrobenzene-d5
Concen: 85.394 ng
RT: 9.578 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

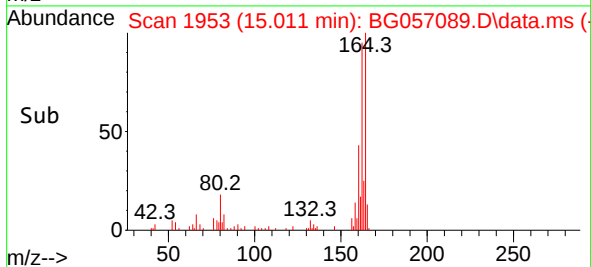
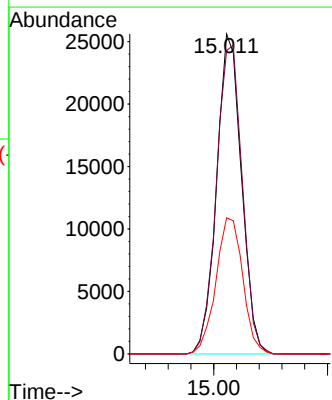
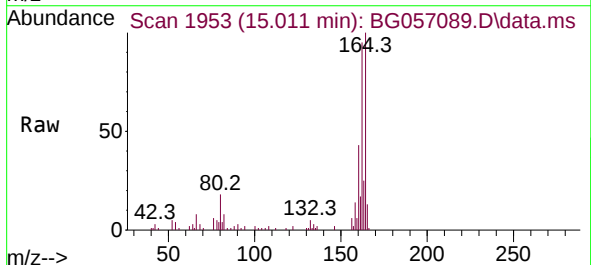
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

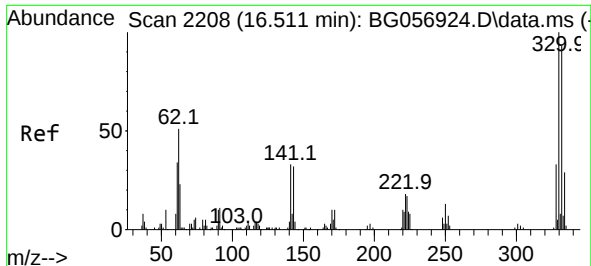
Tgt Ion: 82 Resp: 126283
Ion Ratio Lower Upper
82 100
128 36.0 27.9 41.9
54 44.2 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.011 min Scan# 1953
Delta R.T. -0.009 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

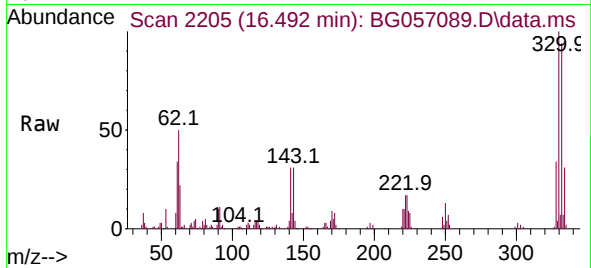
Tgt Ion: 164 Resp: 38777
Ion Ratio Lower Upper
164 100
162 94.8 77.8 116.8
160 42.5 33.5 50.3



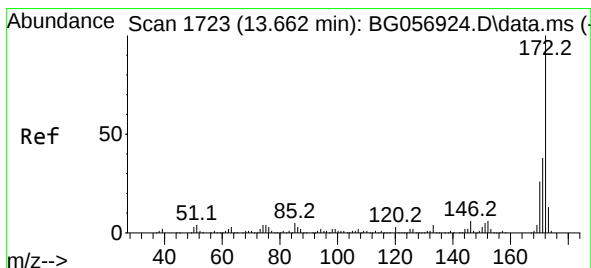
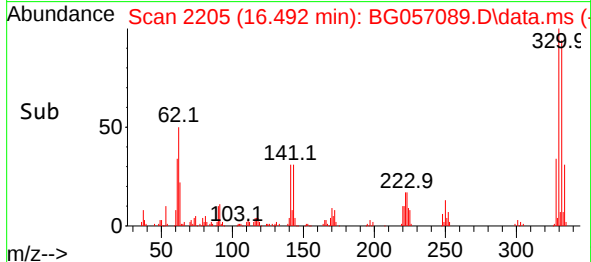
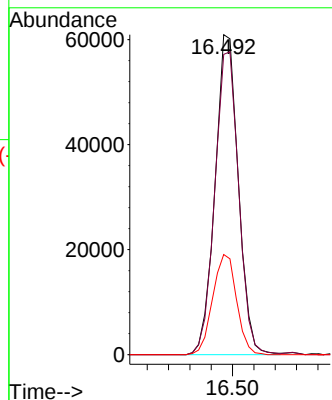


#42
2,4,6-Tribromophenol
Concen: 149.449 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

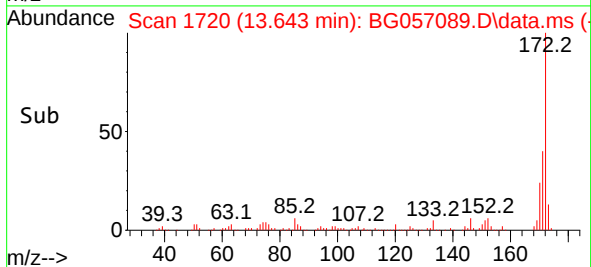
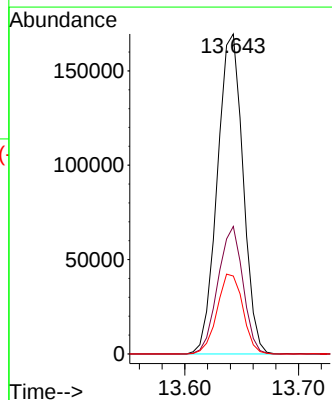
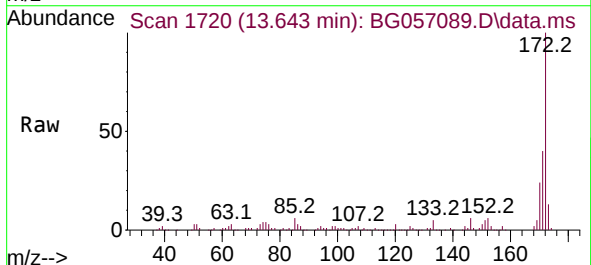


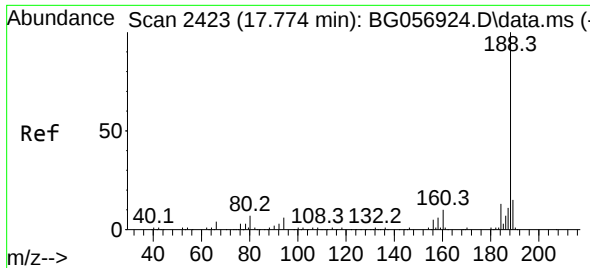
Tgt Ion:330 Resp: 92580
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 32.0 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 92.972 ng
RT: 13.643 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Tgt Ion:172 Resp: 265865
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 24.3 20.6 30.8

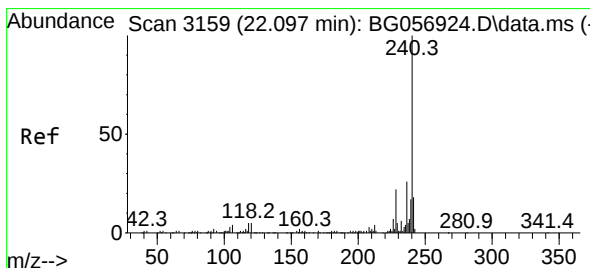
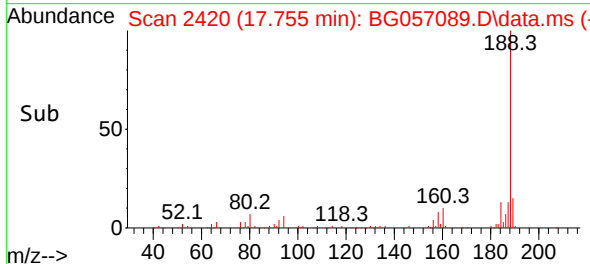
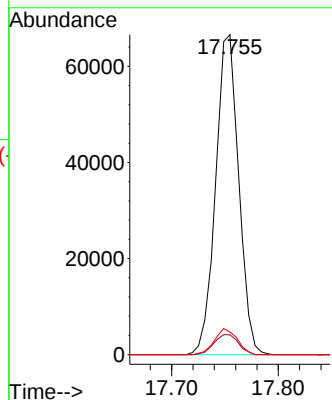
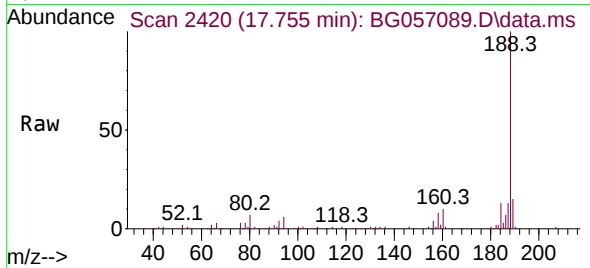




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.755 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

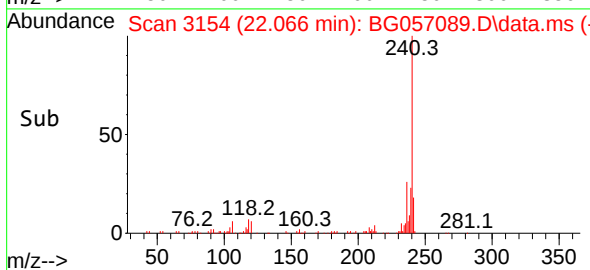
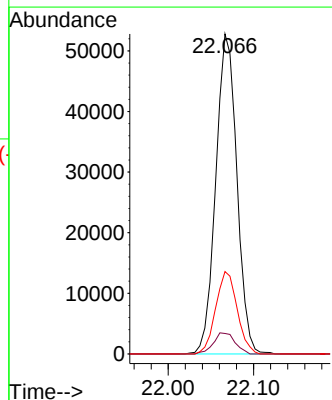
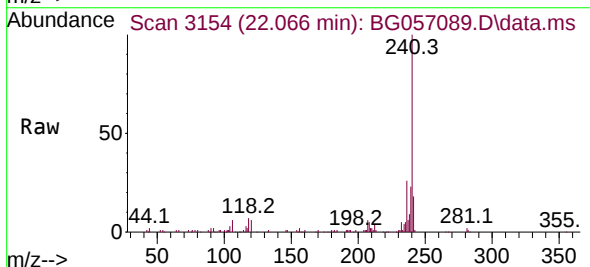
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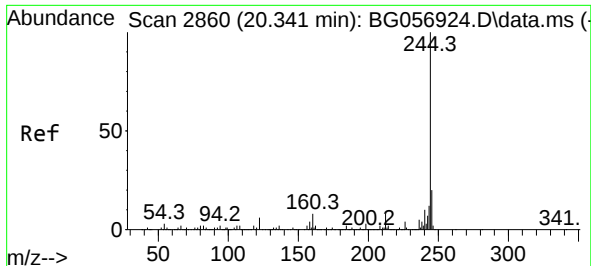
Tgt Ion:188 Resp: 100304
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 7.1 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.014 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Tgt Ion:240 Resp: 90621
Ion Ratio Lower Upper
240 100
120 6.4 3.8 5.6#
236 25.7 21.0 31.6

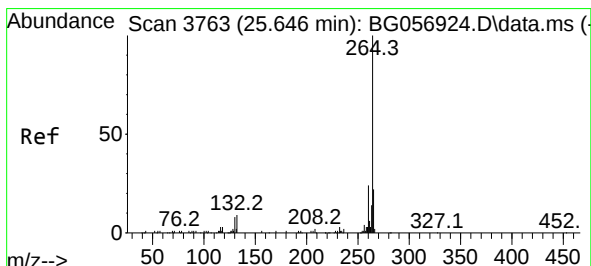
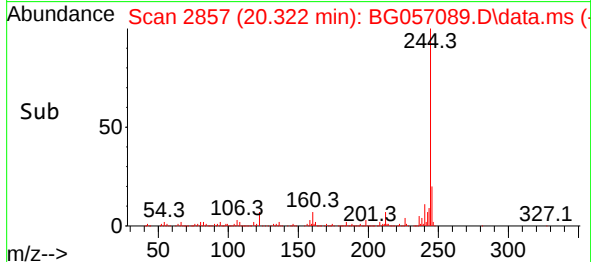
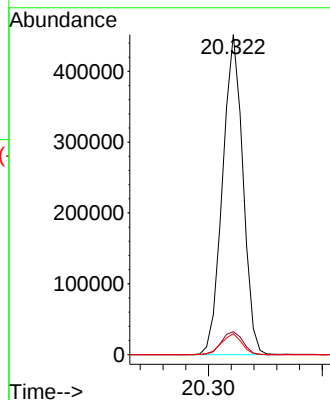
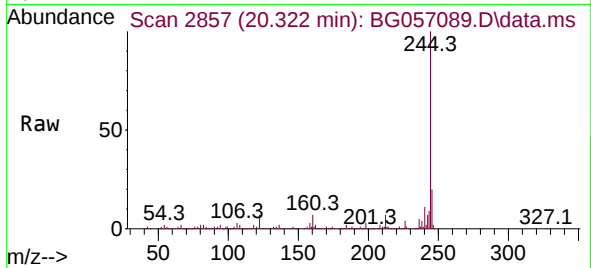




#79
 Terphenyl-d14
 Concen: 104.802 ng
 RT: 20.322 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: BG057089.D
 Acq: 13 Apr 2023 20:03

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G3-041123

Tgt Ion:244 Resp: 561250
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.603 min Scan# 3756
 Delta R.T. -0.009 min
 Lab File: BG057089.D
 Acq: 13 Apr 2023 20:03

Tgt Ion:264 Resp: 18905
 Ion Ratio Lower Upper
 264 100
 260 27.5 19.0 28.4
 265 24.6 17.8 26.6

