

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055969.D
 Acq On : 14 Dec 2022 21:31
 Operator : CG/JU
 Sample : N5995-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1282022-B1-S1

Quant Time: Dec 15 00:52:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	8550	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	32625	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	25365	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	62882	20.000	ng	0.00
76) Chrysene-d12	22.019	240	65134	20.000	ng	0.00
86) Perylene-d12	25.521	264	80046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	38784	106.381	ng	0.00
7) Phenol-d6	7.495	99	47149	100.553	ng	0.00
23) Nitrobenzene-d5	9.540	82	31092	66.598	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	60174	98.384	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	115601	63.918	ng	0.00
79) Terphenyl-d14	20.292	244	223705	60.702	ng	0.00

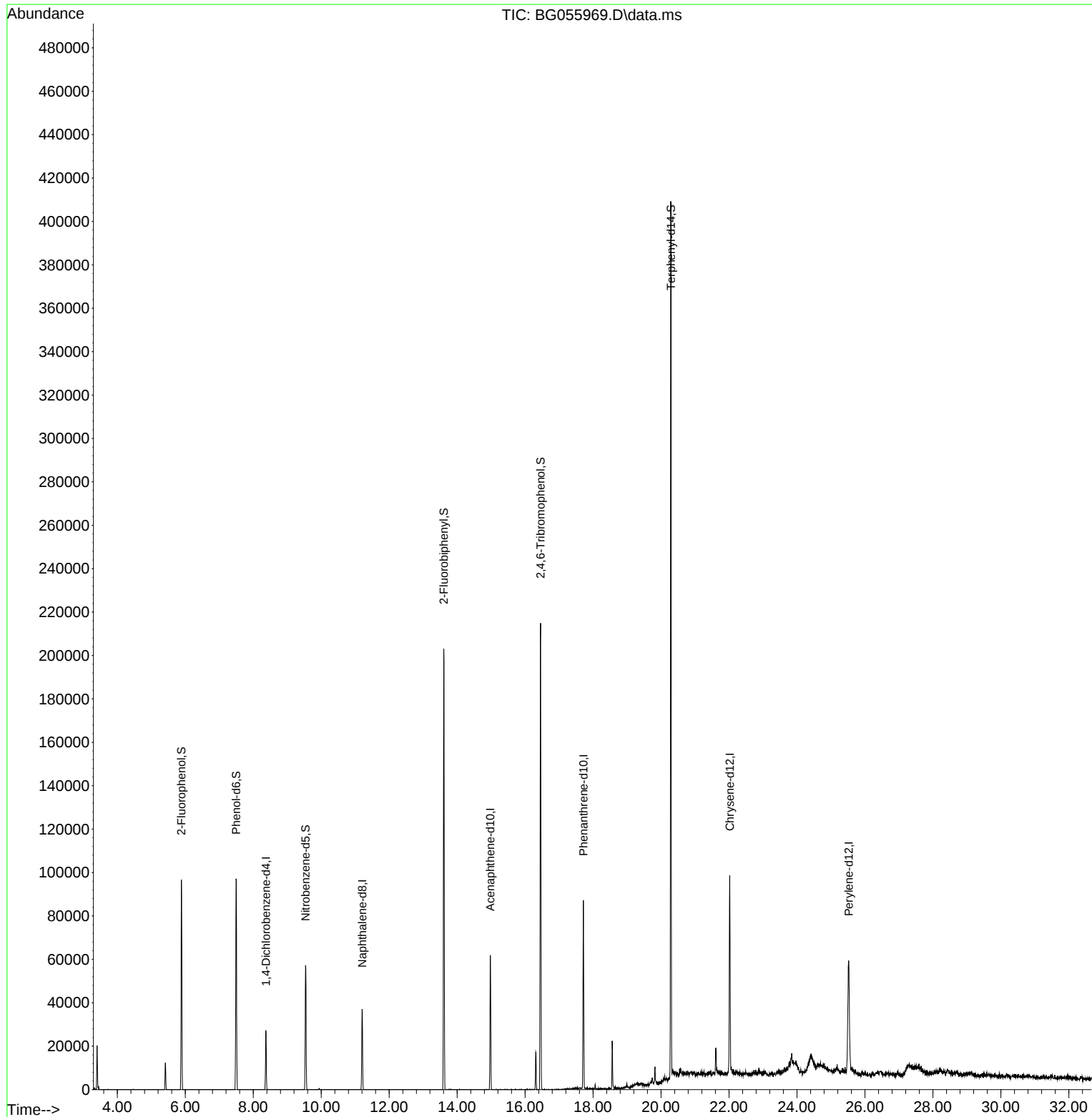
Target Compounds	Qvalue

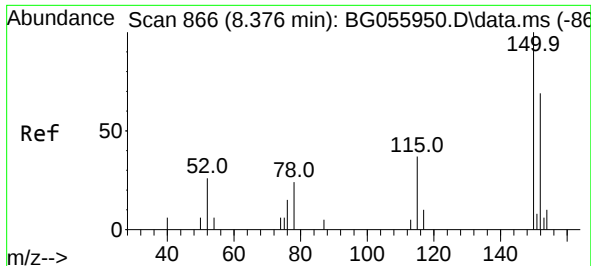
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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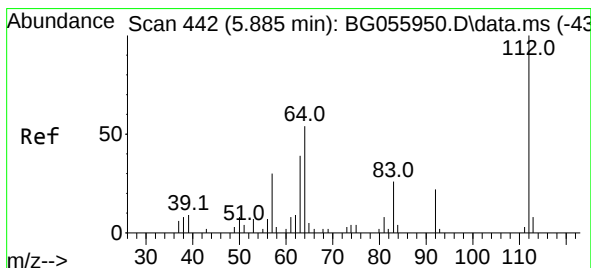
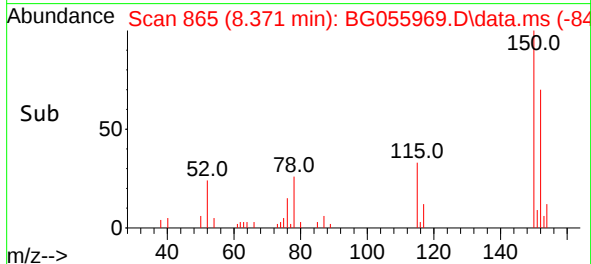
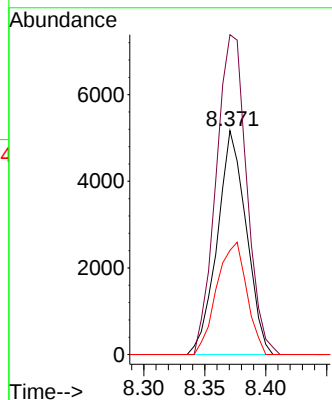
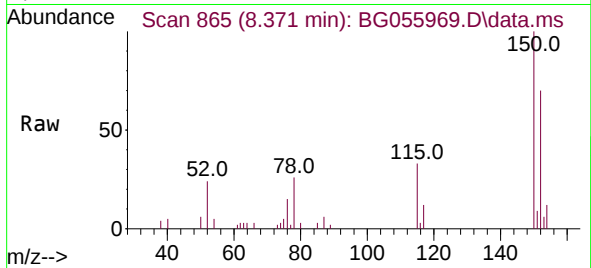




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

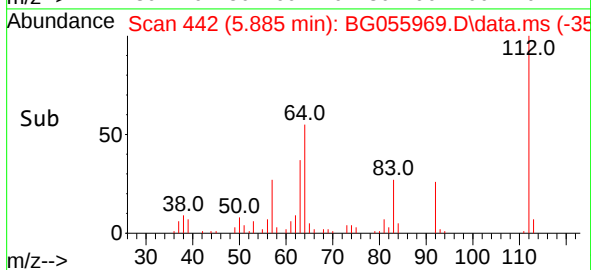
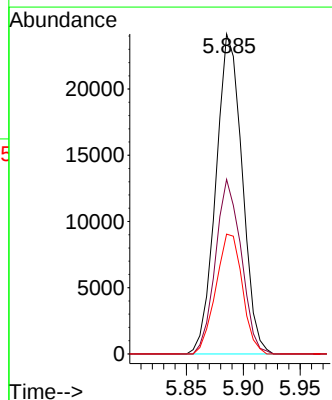
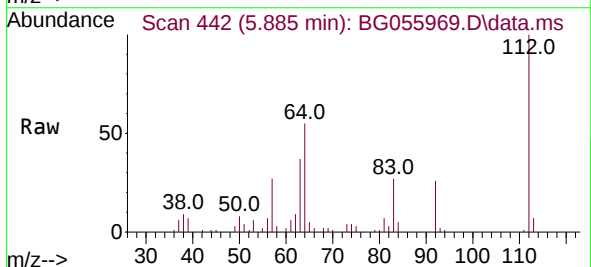
Instrument :
BNA_G
ClientSampleId :
1282022-B1-S1

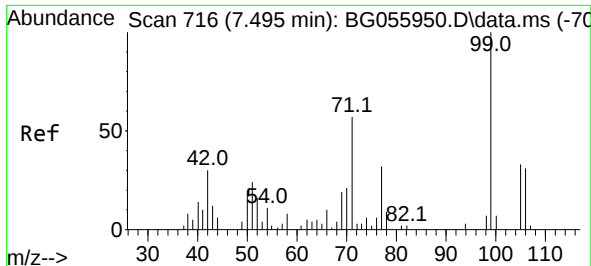
Tgt Ion:152 Resp: 8550
Ion Ratio Lower Upper
152 100
150 142.9 115.7 173.5
115 46.5 43.0 64.4



#5
2-Fluorophenol
Concen: 106.381 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.000 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

Tgt Ion:112 Resp: 38784
Ion Ratio Lower Upper
112 100
64 54.5 43.0 64.4
63 37.4 31.4 47.2

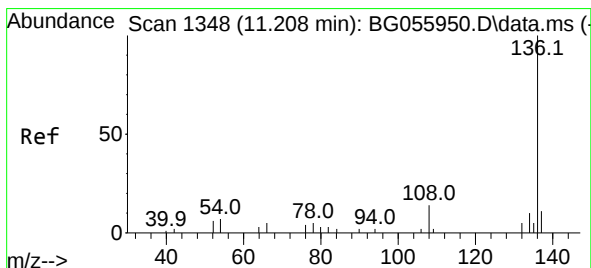
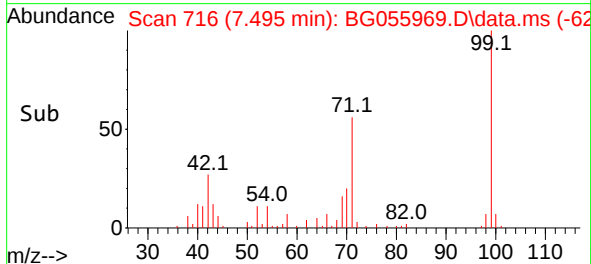
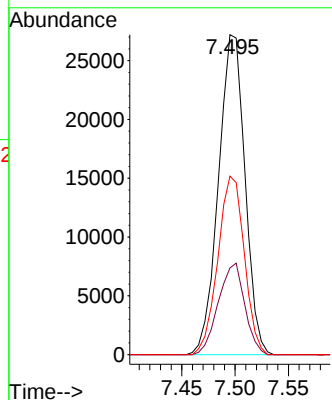
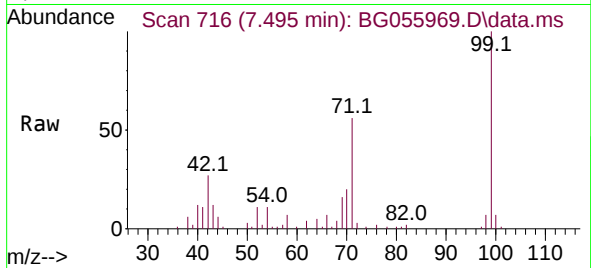




#7
Phenol-d6
Concen: 100.553 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

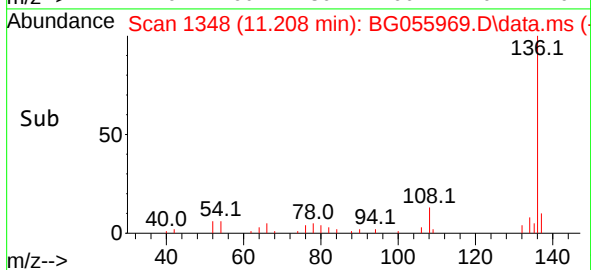
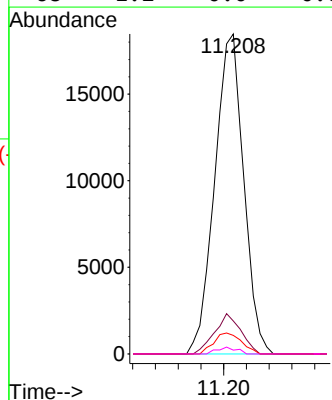
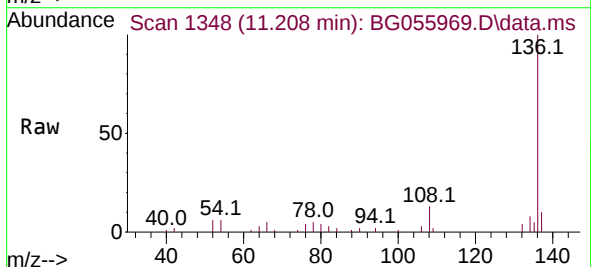
Instrument :
BNA_G
ClientSampleId :
1282022-B1-S1

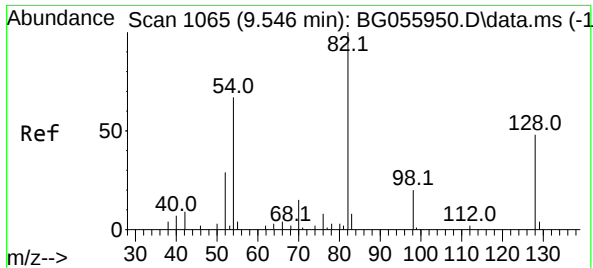
Tgt Ion: 99 Resp: 47149
Ion Ratio Lower Upper
99 100
42 27.1 24.3 36.5
71 55.8 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.208 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

Tgt Ion:136 Resp: 32625
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 5.8 5.6 8.4
68 1.2 0.0 0.0#

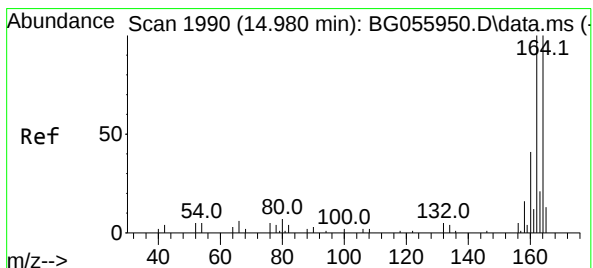
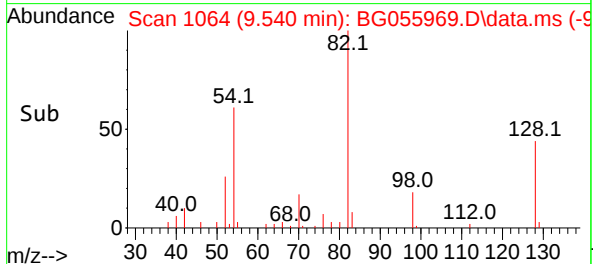
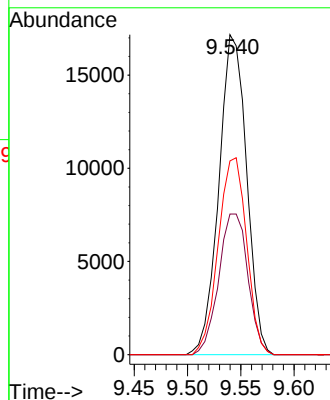
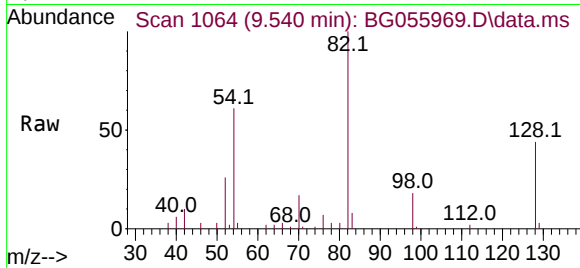




#23
Nitrobenzene-d5
Concen: 66.598 ng
RT: 9.540 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

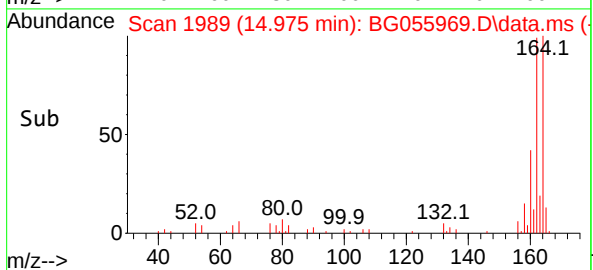
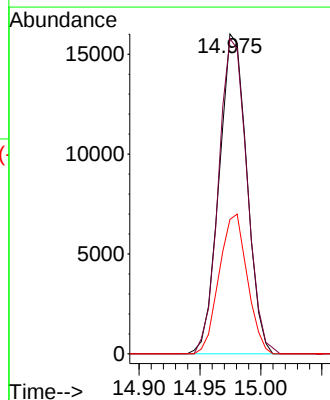
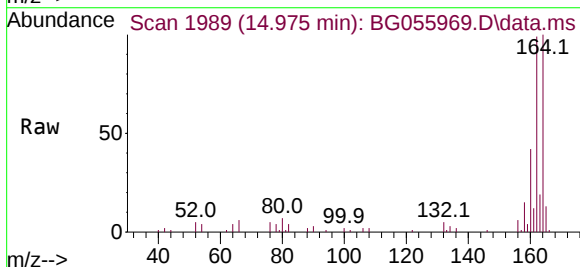
Instrument :
BNA_G
ClientSampleId :
1282022-B1-S1

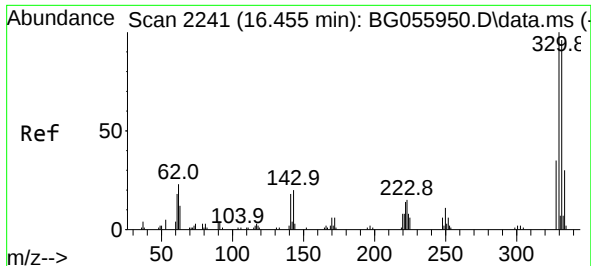
Tgt Ion: 82 Resp: 31092
Ion Ratio Lower Upper
82 100
128 43.9 38.4 57.6
54 60.5 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

Tgt Ion:164 Resp: 25365
Ion Ratio Lower Upper
164 100
162 98.5 79.8 119.8
160 42.0 33.0 49.4

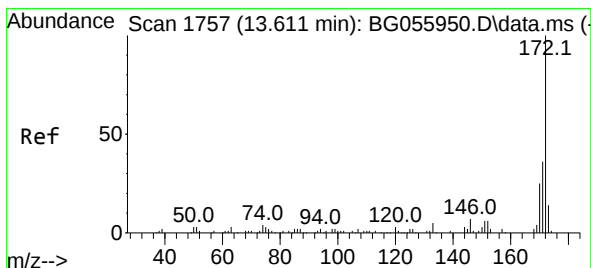
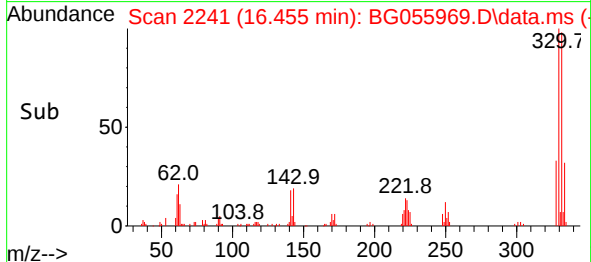
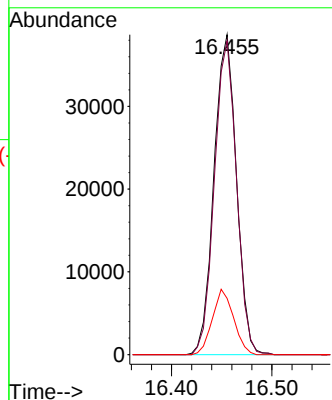
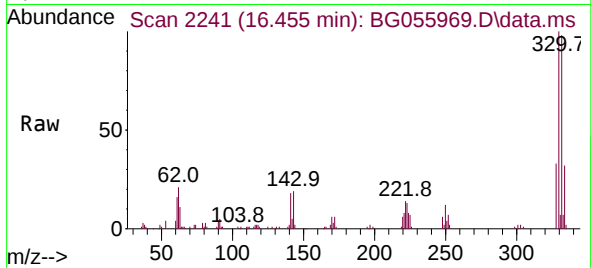




#42
2,4,6-Tribromophenol
Concen: 98.384 ng
RT: 16.455 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

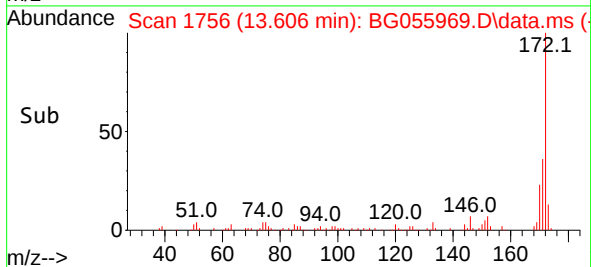
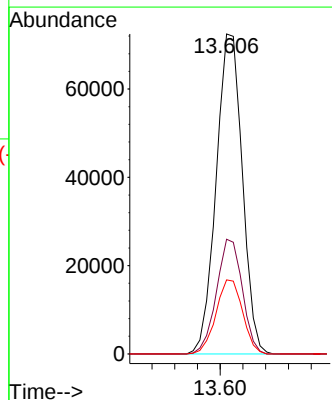
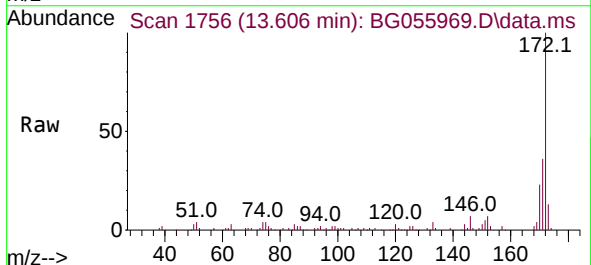
Instrument :
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ClientSampleId :
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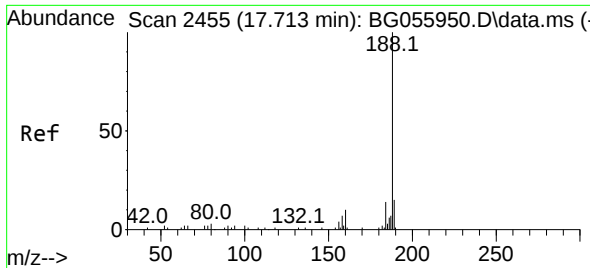
Tgt Ion:330 Resp: 60174
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 19.3 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 63.918 ng
RT: 13.606 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

Tgt Ion:172 Resp: 115601
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.1 19.9 29.9

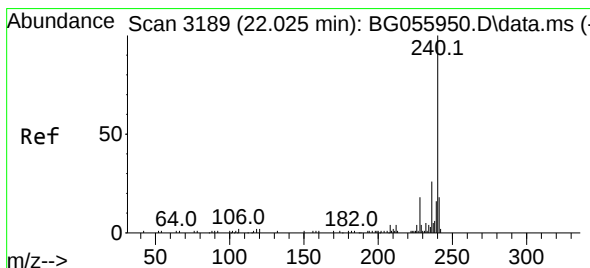
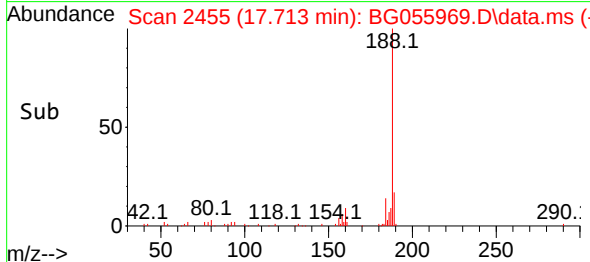
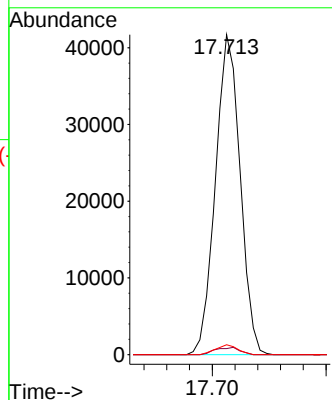
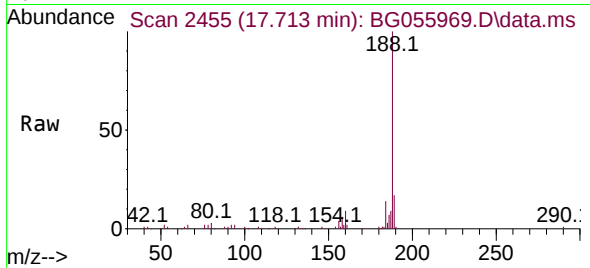




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

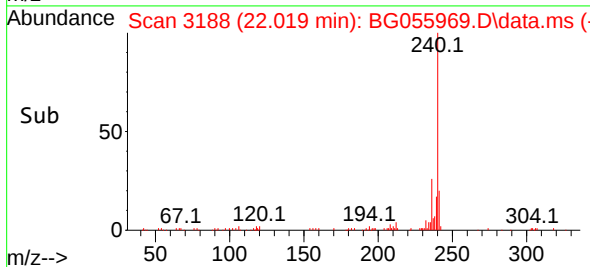
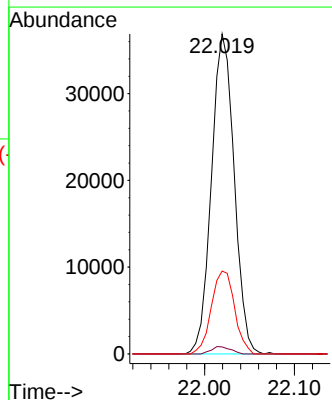
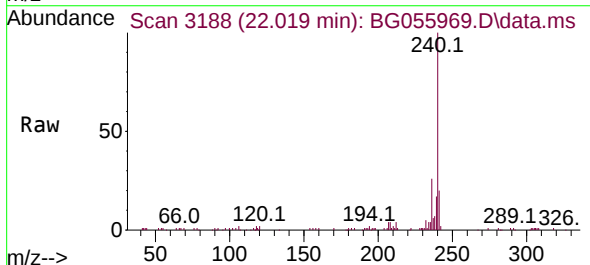
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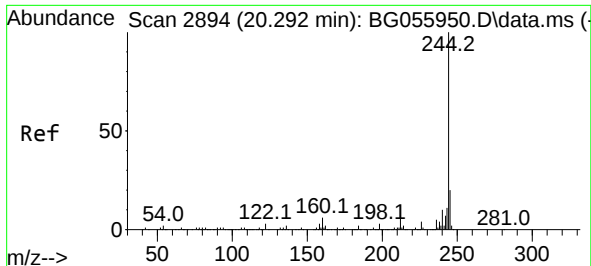
Tgt Ion:188 Resp: 62882
Ion Ratio Lower Upper
188 100
94 1.9 1.8 2.8
80 3.1 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BG055969.D
Acq: 14 Dec 2022 21:31

Tgt Ion:240 Resp: 65134
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 25.9 21.1 31.7

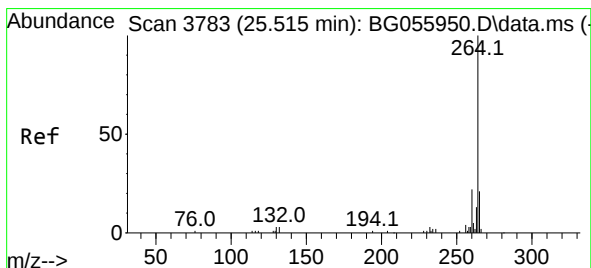
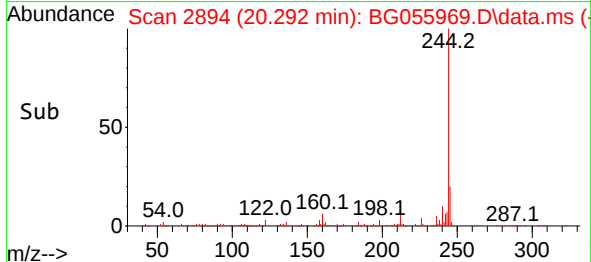
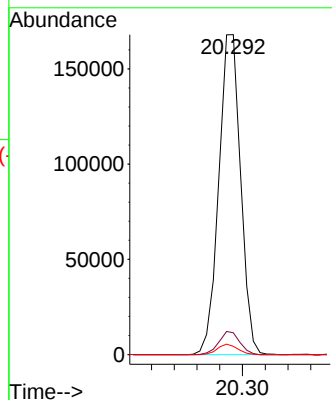
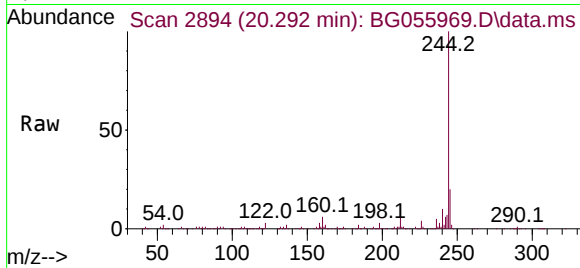




#79
 Terphenyl-d14
 Concen: 60.702 ng
 RT: 20.292 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055969.D
 Acq: 14 Dec 2022 21:31

Instrument :
 BNA_G
 ClientSampleId :
 1282022-B1-S1

Tgt Ion:244 Resp: 223705
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 2.6 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.521 min Scan# 3784
 Delta R.T. 0.006 min
 Lab File: BG055969.D
 Acq: 14 Dec 2022 21:31

Tgt Ion:264 Resp: 80046
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.8 26.8
 265 21.8 16.6 25.0

