

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056982.D
 Acq On : 5 Apr 2023 2:31
 Operator : CG/JU
 Sample : 02166-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-033123

Quant Time: Apr 05 04:14:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

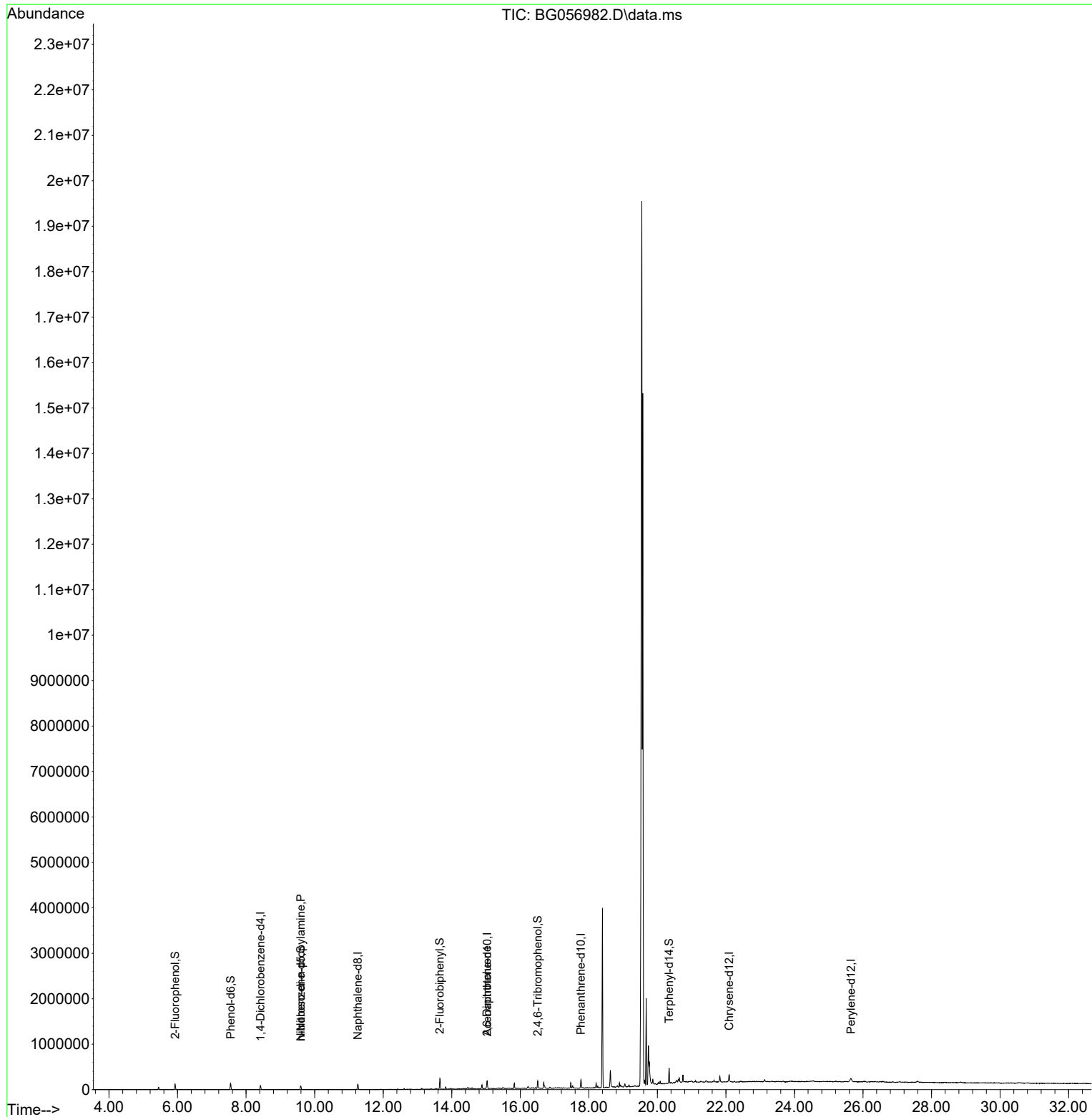
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.419	152	24223	20.000	ng	0.00
21) Naphthalene-d8	11.262	136	96115	20.000	ng	# 0.00
39) Acenaphthene-d10	15.034	164	60627	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	120844	20.000	ng	0.00
76) Chrysene-d12	22.095	240	104554	20.000	ng	0.00
86) Perylene-d12	25.649	264	94458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.928	112	55285	36.528	ng	0.00
7) Phenol-d6	7.550	99	79694	35.206	ng	0.00
23) Nitrobenzene-d5	9.594	82	52626	22.404	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	32215	33.262	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	115255	25.778	ng	0.00
79) Terphenyl-d14	20.344	244	152089	24.615	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.594	70	7975	4.926	ng	# 81
51) 2,6-Dinitrotoluene	15.028	165	9268	8.980	ng	# 20

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

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Quant Time: Apr 05 04:14:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

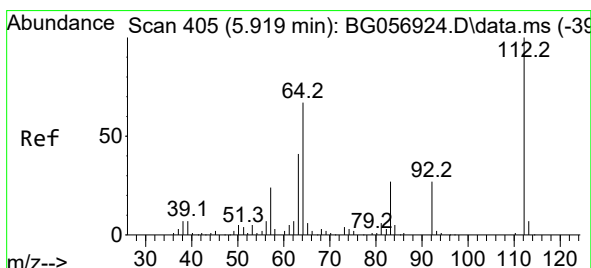
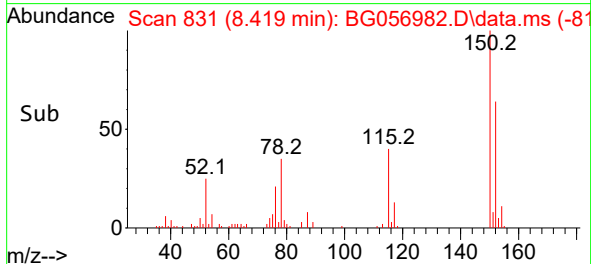
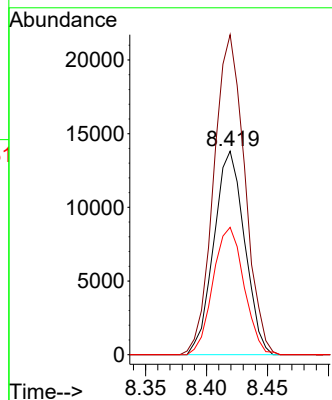
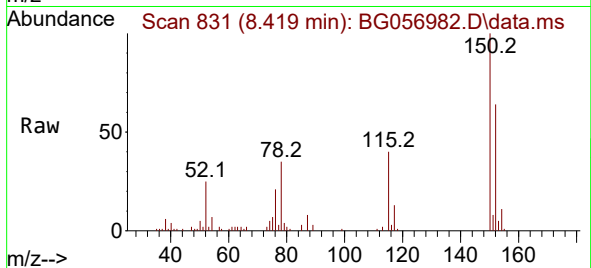




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.419 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

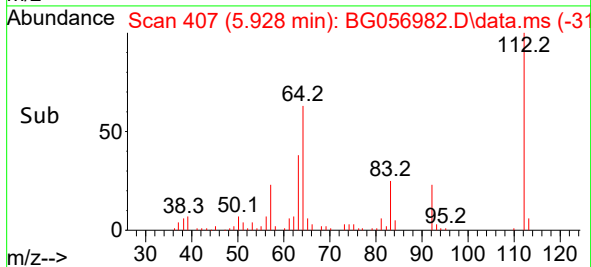
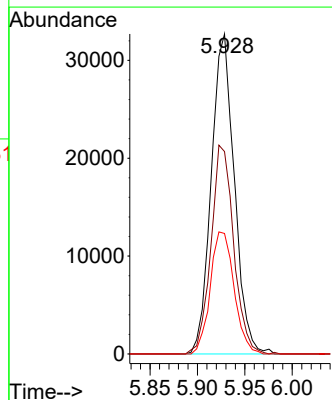
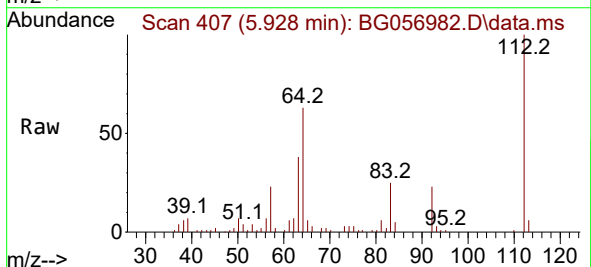
Instrument :
BNA_G
ClientSampleId :
HR-01-033123

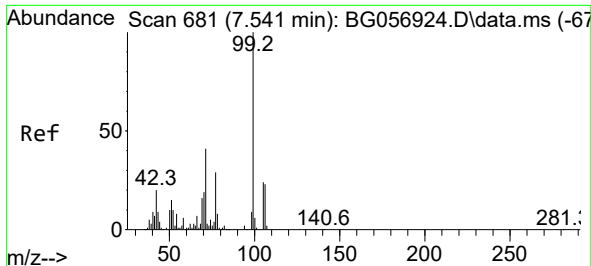
Tgt Ion:152 Resp: 24223
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 62.6 49.1 73.7



#5
2-Fluorophenol
Concen: 36.528 ng
RT: 5.928 min Scan# 407
Delta R.T. 0.009 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

Tgt Ion:112 Resp: 55285
Ion Ratio Lower Upper
112 100
64 63.3 53.2 79.8
63 37.6 32.6 48.8

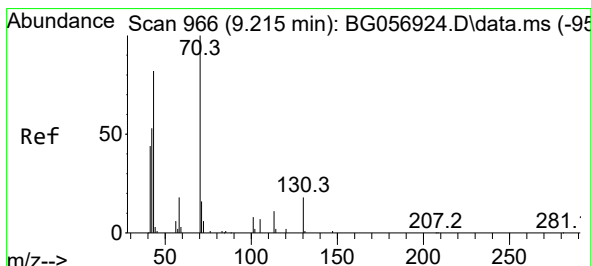
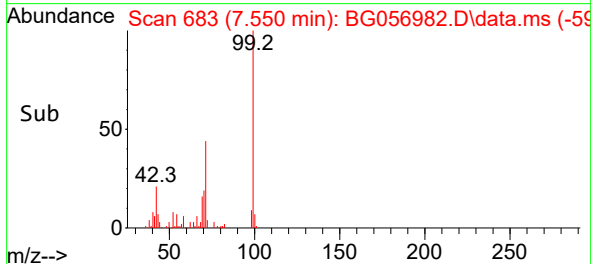
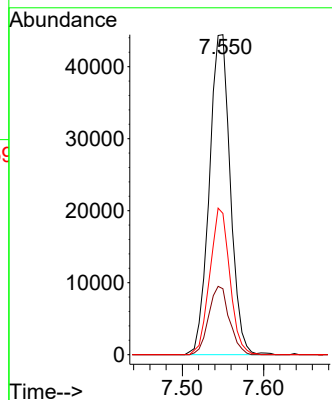
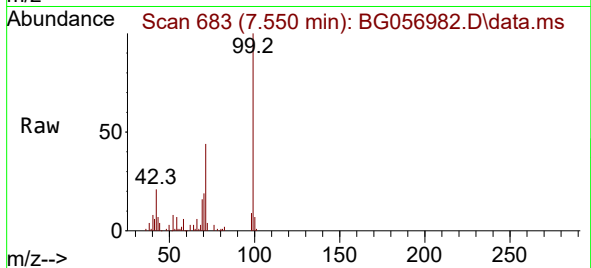




#7
Phenol-d6
Concen: 35.206 ng
RT: 7.550 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

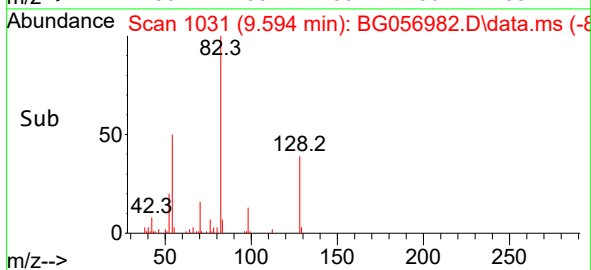
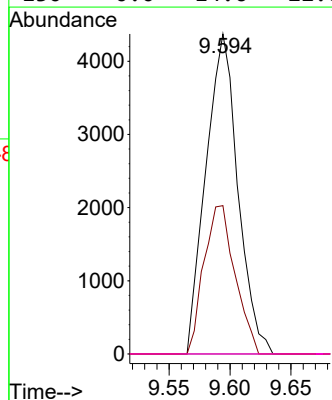
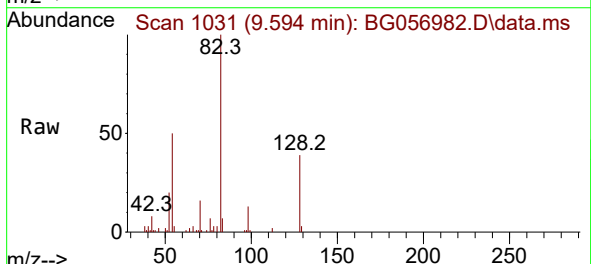
Instrument :
BNA_G
ClientSampleId :
HR-01-033123

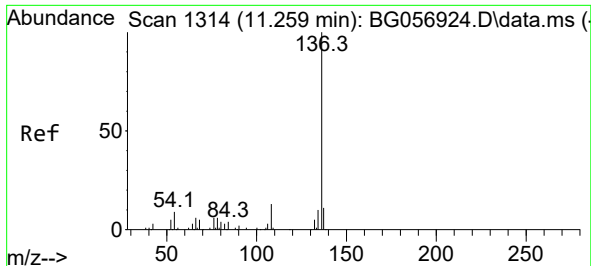
Tgt Ion: 99 Resp: 79694
Ion Ratio Lower Upper
99 100
42 20.6 15.7 23.5
71 44.1 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 4.926 ng
RT: 9.594 min Scan# 1031
Delta R.T. 0.379 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

Tgt Ion: 70 Resp: 7975
Ion Ratio Lower Upper
70 100
42 46.4 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

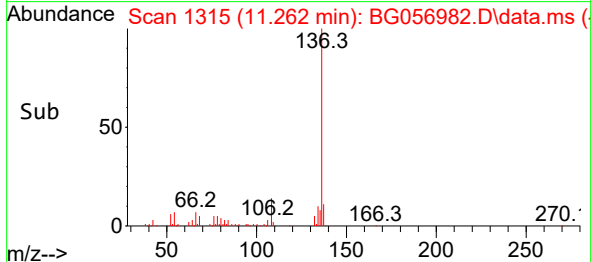
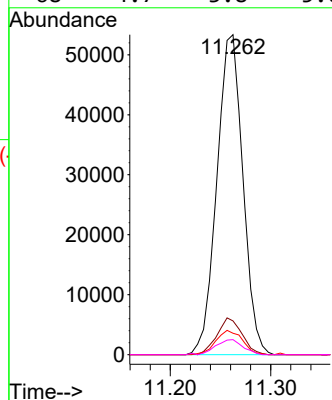
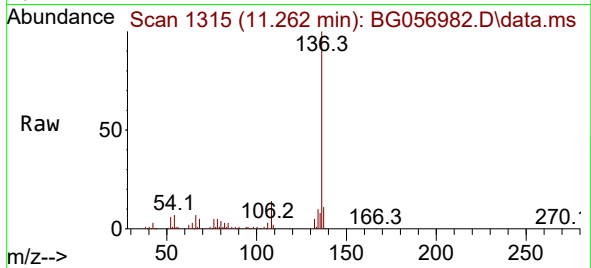




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.262 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

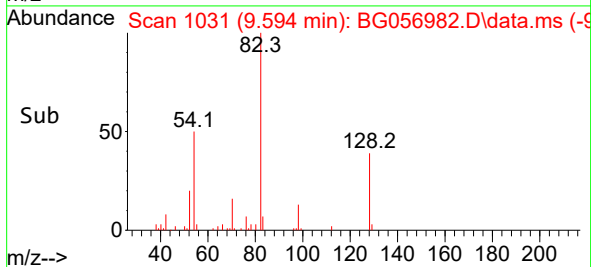
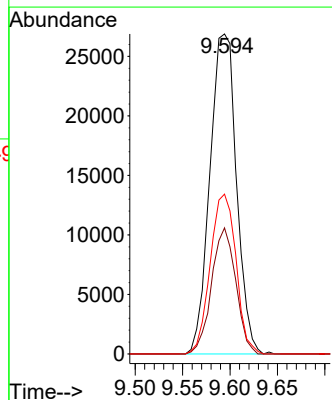
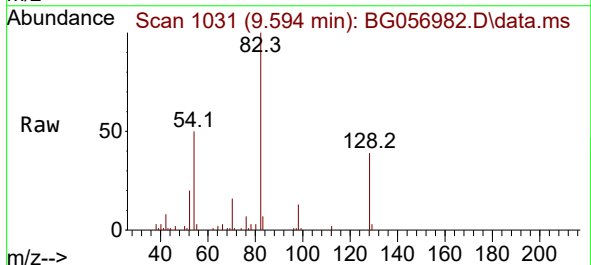
Instrument :
BNA_G
ClientSampleId :
HR-01-033123

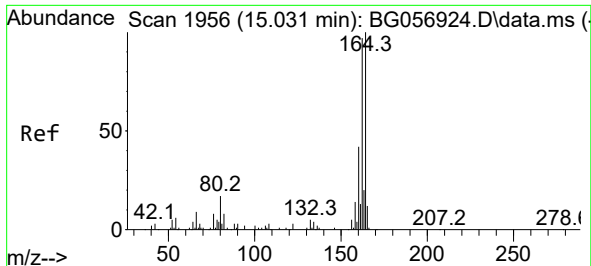
Tgt Ion:136 Resp: 96115
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.7 6.9 10.3#
68 4.7 3.8 5.6



#23
Nitrobenzene-d5
Concen: 22.404 ng
RT: 9.594 min Scan# 1031
Delta R.T. -0.003 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

Tgt Ion: 82 Resp: 52626
Ion Ratio Lower Upper
82 100
128 39.4 27.9 41.9
54 50.0 39.4 59.2

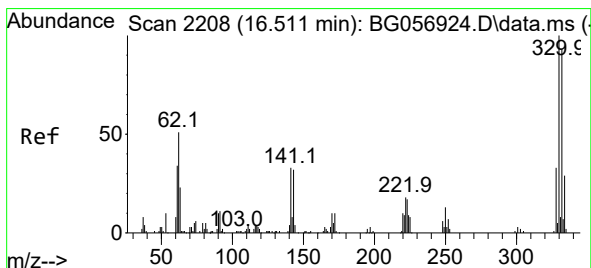
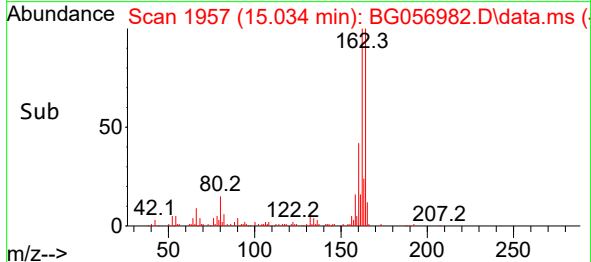
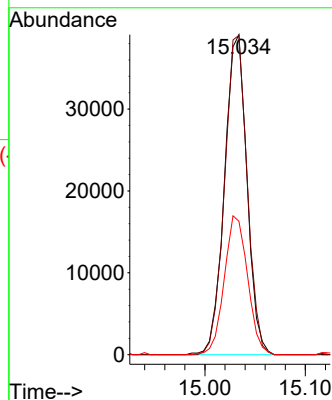
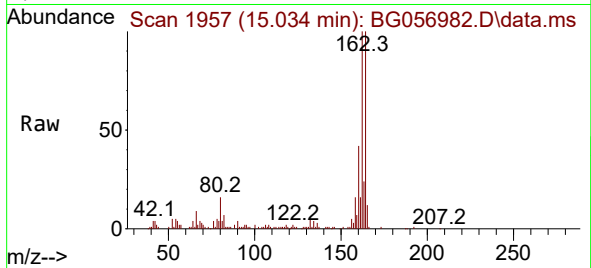




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.034 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

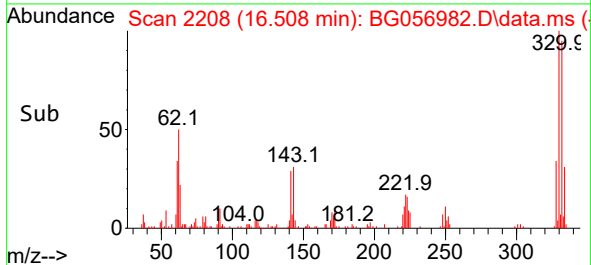
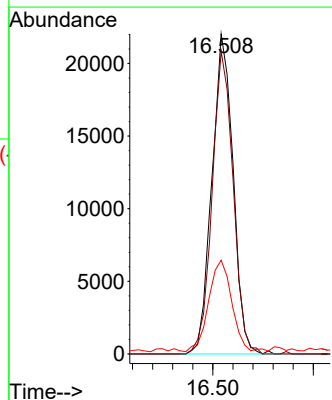
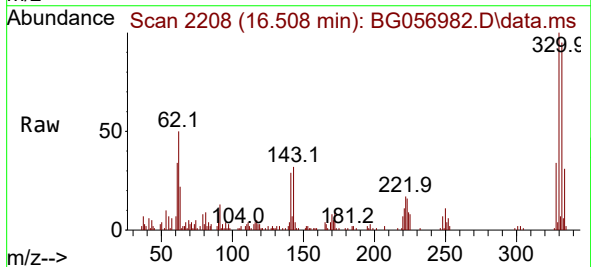
Instrument :
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ClientSampleId :
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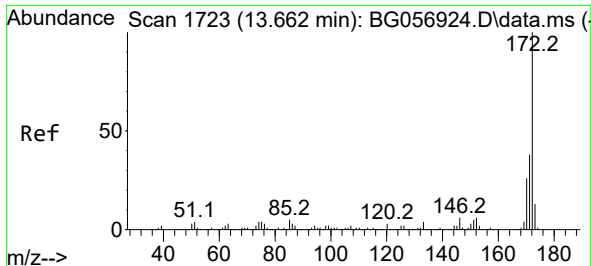
Tgt Ion:164 Resp: 60627
Ion Ratio Lower Upper
164 100
162 99.8 77.8 116.8
160 41.7 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 33.262 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

Tgt Ion:330 Resp: 32215
Ion Ratio Lower Upper
330 100
332 93.7 76.1 114.1
141 31.0 25.8 38.6

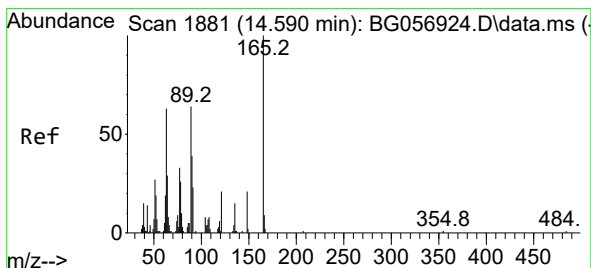
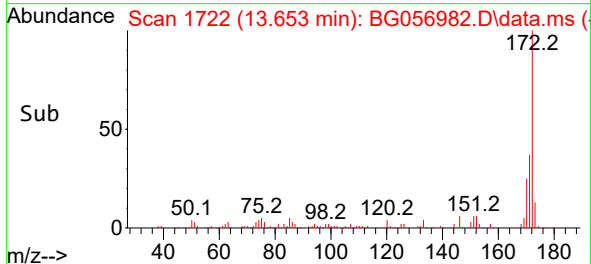
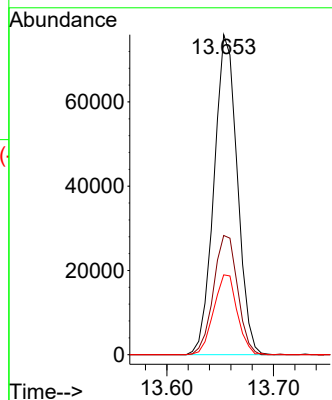
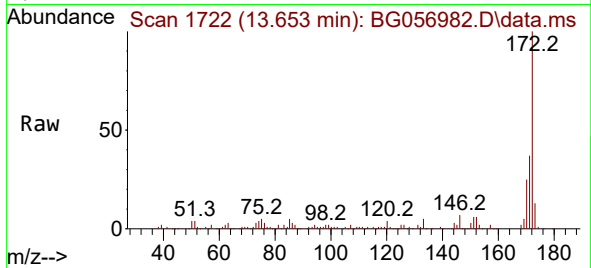




#45
2-Fluorobiphenyl
Concen: 25.778 ng
RT: 13.653 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

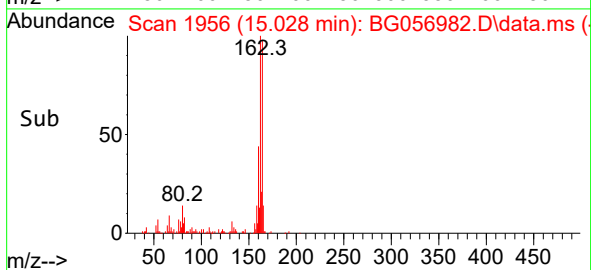
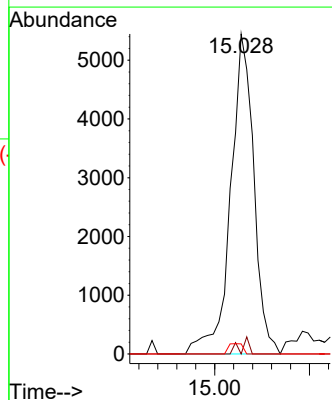
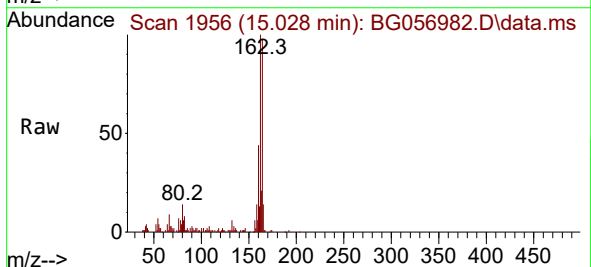
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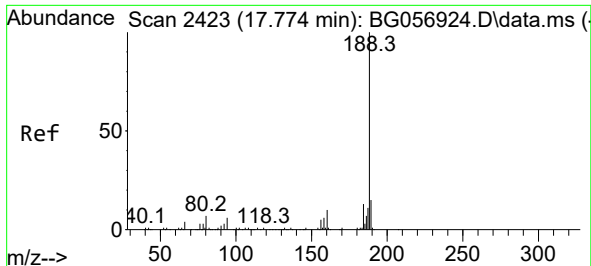
Tgt Ion:172 Resp: 115255
Ion Ratio Lower Upper
172 100
171 37.3 30.6 46.0
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.980 ng
RT: 15.028 min Scan# 1956
Delta R.T. 0.438 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

Tgt Ion:165 Resp: 9268
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 3.2 51.0 76.4#

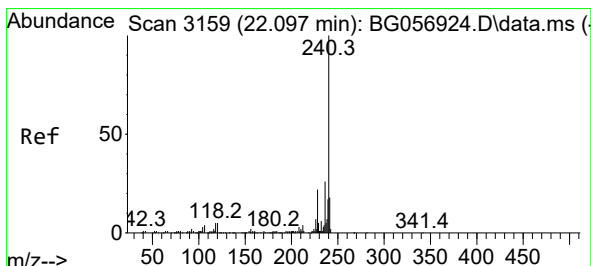
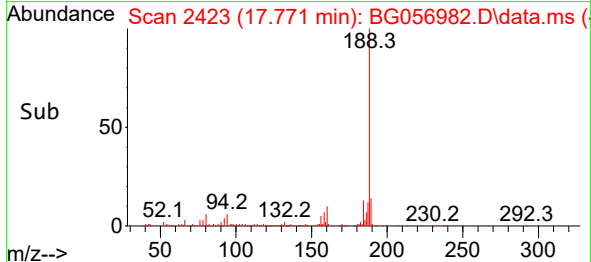
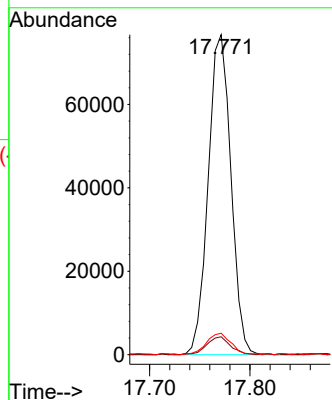
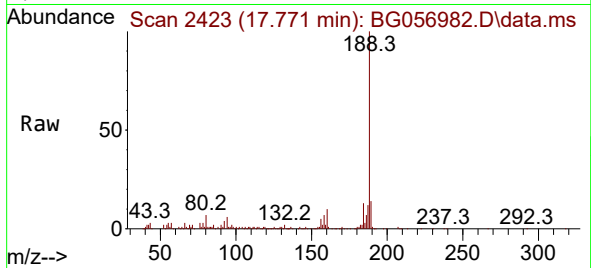




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

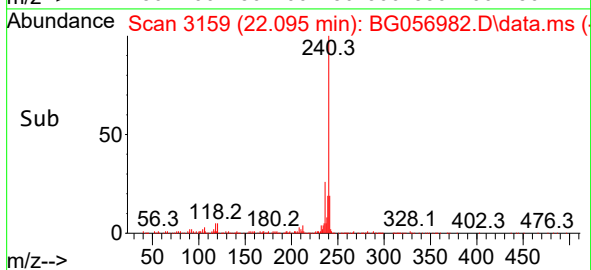
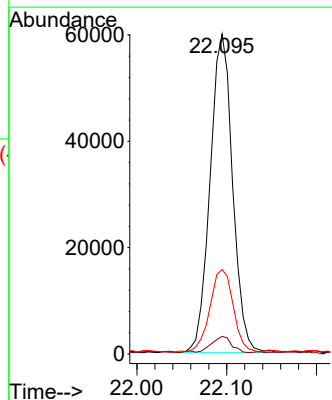
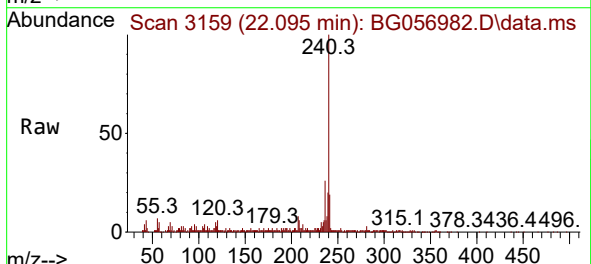
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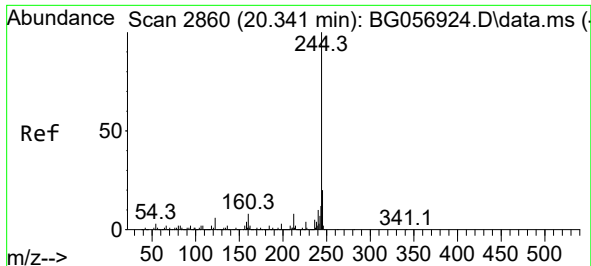
Tgt Ion:188 Resp: 120844
Ion Ratio Lower Upper
188 100
94 5.6 4.6 6.8
80 6.7 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG056982.D
Acq: 5 Apr 2023 2:31

Tgt Ion:240 Resp: 104554
Ion Ratio Lower Upper
240 100
120 5.5 3.8 5.6
236 26.4 21.0 31.6

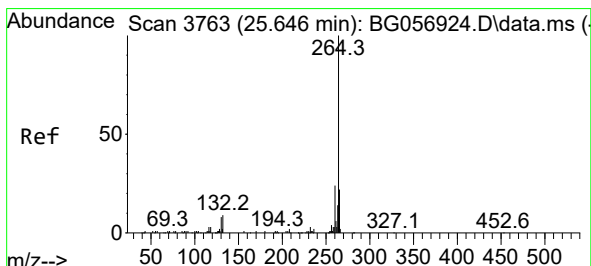
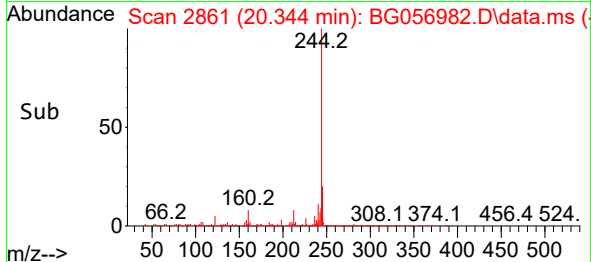
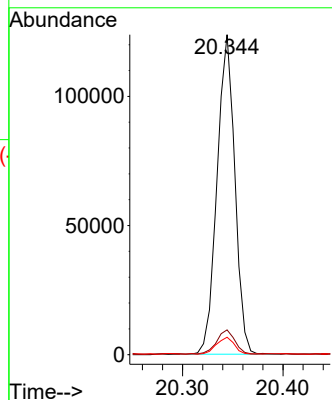
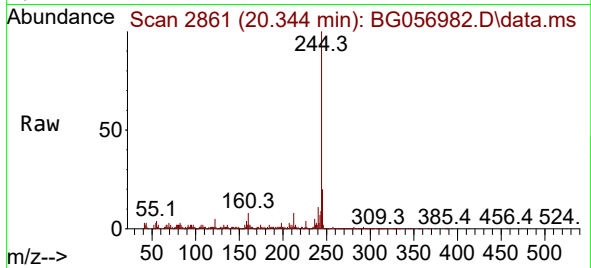




#79
 Terphenyl-d14
 Concen: 24.615 ng
 RT: 20.344 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056982.D
 Acq: 5 Apr 2023 2:31

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-033123

Tgt Ion:244 Resp: 152089
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.649 min Scan# 3764
 Delta R.T. 0.003 min
 Lab File: BG056982.D
 Acq: 5 Apr 2023 2:31

Tgt Ion:264 Resp: 94458
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.0 28.4
 265 23.0 17.8 26.6

