

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054780.D
 Acq On : 29 Aug 2022 20:17
 Operator : CG/JU
 Sample : N4376-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-38I

Quant Time: Aug 30 02:51:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	50763	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	207689	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	138442	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	320541	20.000	ng	0.00
76) Chrysene-d12	21.814	240	307157	20.000	ng	-0.01
86) Perylene-d12	25.181	264	318358	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	191944	65.844	ng	0.00
7) Phenol-d6	7.296	99	160137	40.168	ng	0.00
23) Nitrobenzene-d5	9.323	82	355295	89.806	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	240273	138.892	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	836449	90.810	ng	0.00
79) Terphenyl-d14	20.128	244	1325139	85.481	ng	0.00

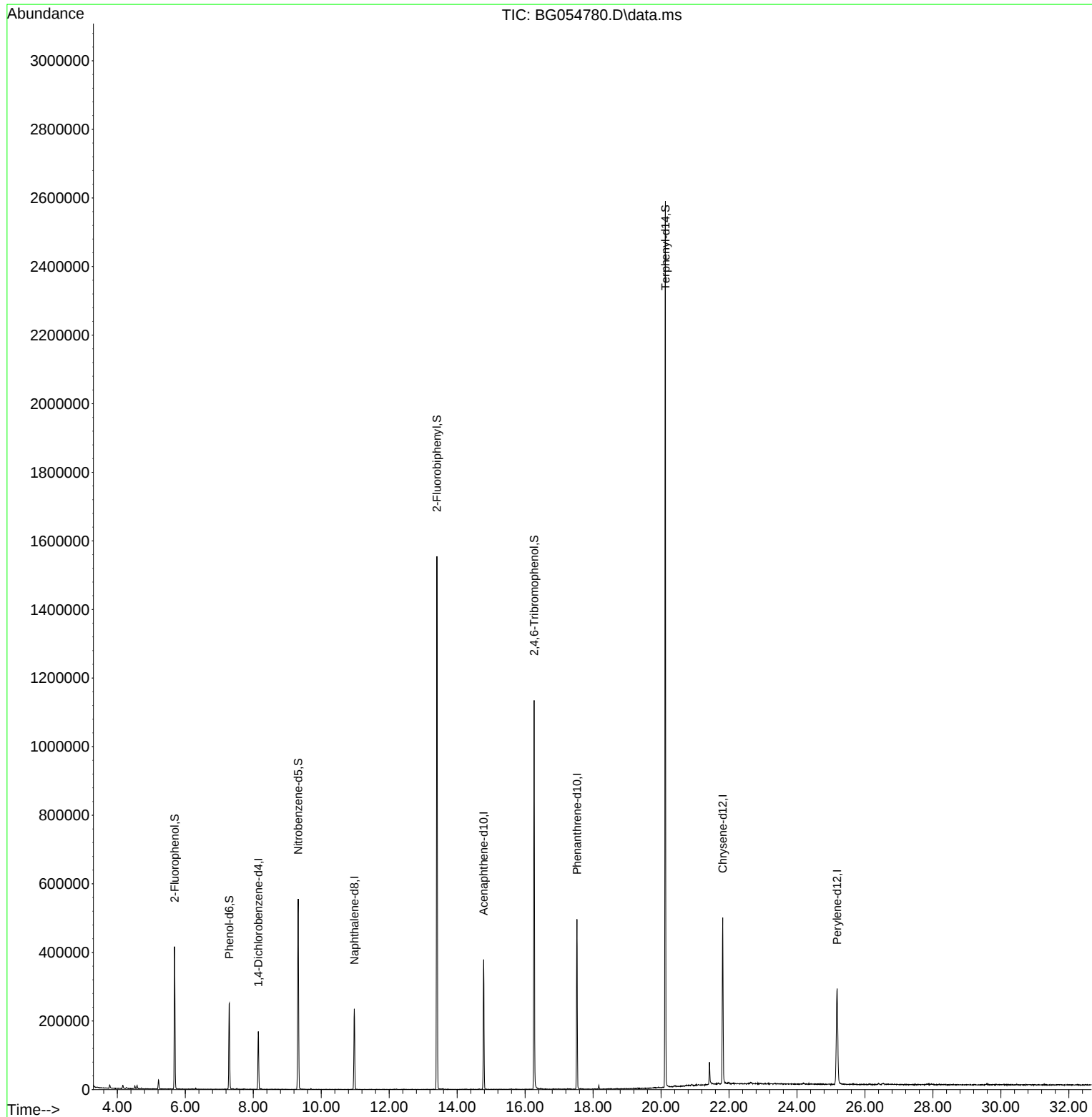
Target Compounds	Qvalue

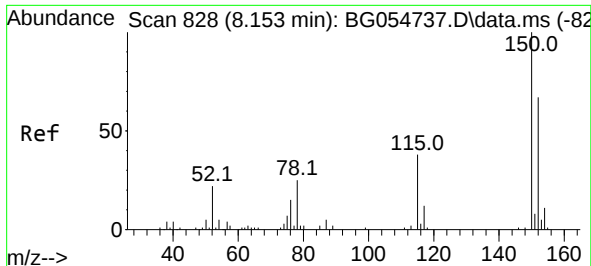
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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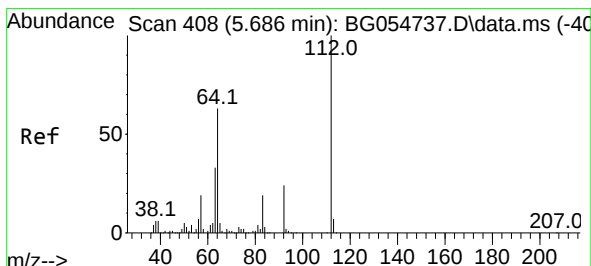
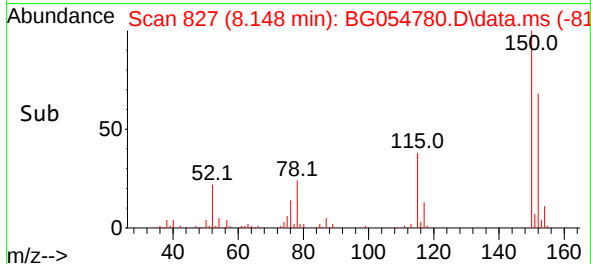
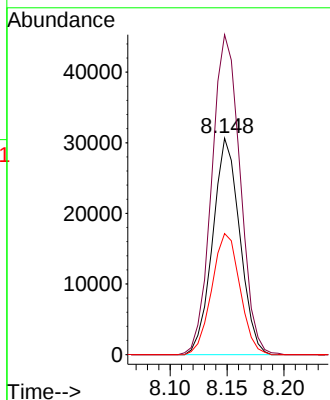
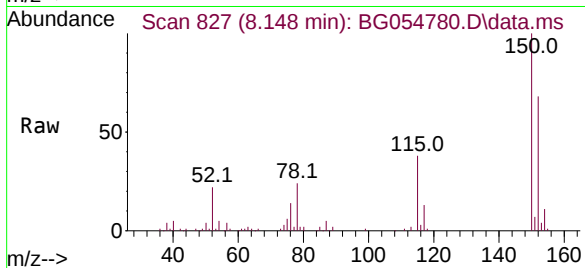




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

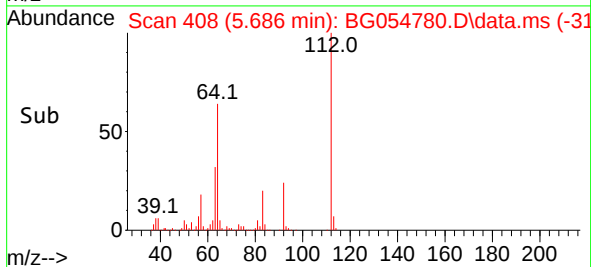
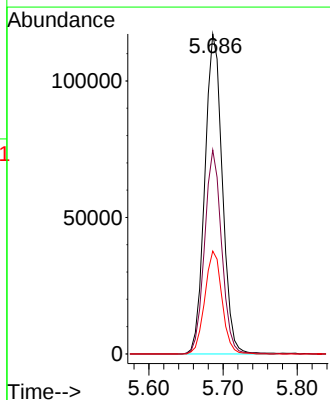
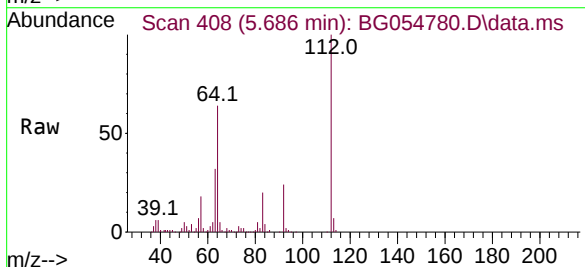
Instrument :
BNA_G
ClientSampleId :
MW-38I

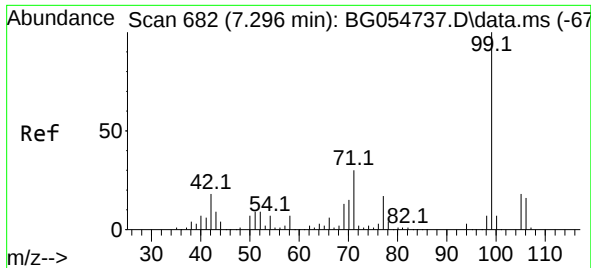
Tgt Ion:152 Resp: 50763
Ion Ratio Lower Upper
152 100
150 147.9 125.2 187.8
115 55.9 47.9 71.9



#5
2-Fluorophenol
Concen: 65.844 ng
RT: 5.686 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:112 Resp: 191944
Ion Ratio Lower Upper
112 100
64 63.7 49.3 73.9
63 32.1 26.3 39.5

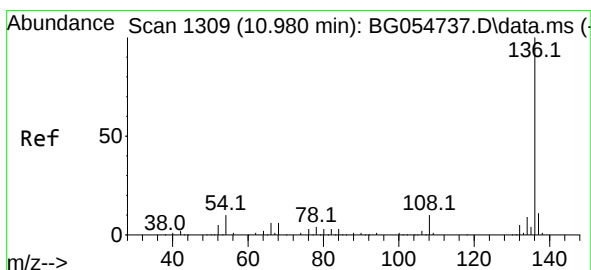
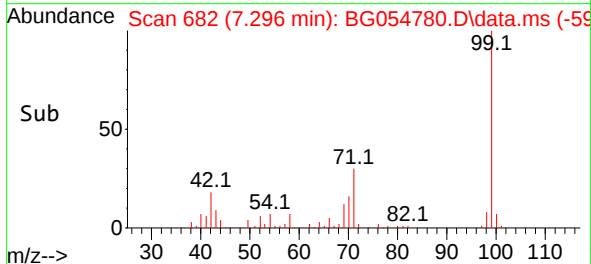
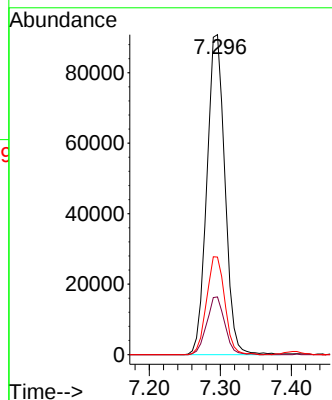
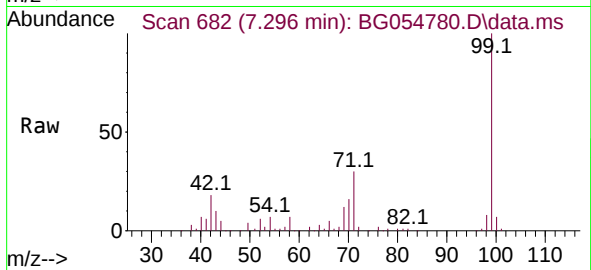




#7
Phenol-d6
Concen: 40.168 ng
RT: 7.296 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

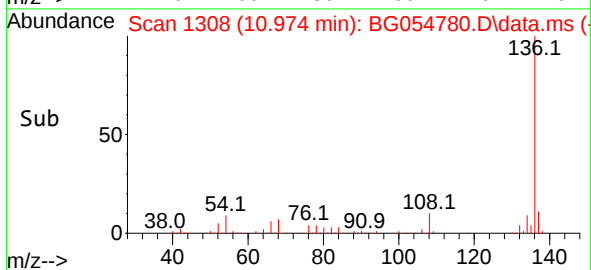
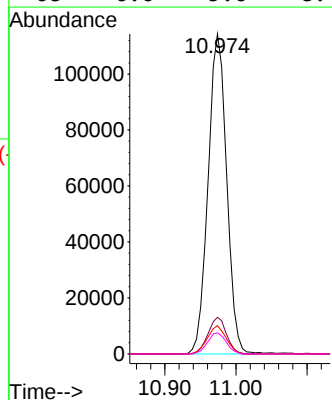
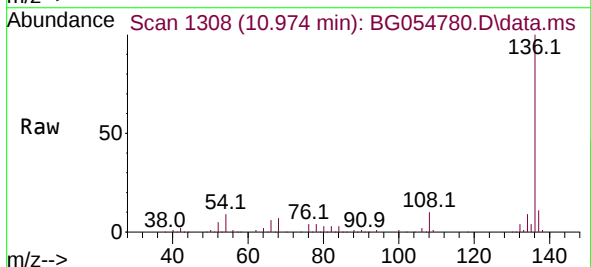
Instrument :
BNA_G
ClientSampleId :
MW-38I

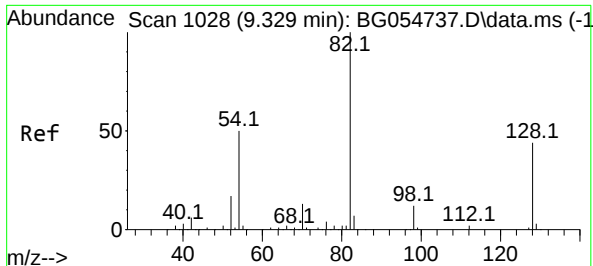
Tgt Ion: 99 Resp: 160137
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 30.5 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion: 136 Resp: 207689
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.8 7.7 11.5
68 6.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 89.806 ng

RT: 9.323 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054780.D

Acq: 29 Aug 2022 20:17

Instrument :

BNA_G

ClientSampleId :

MW-38I

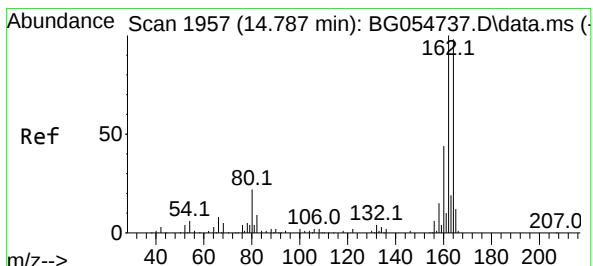
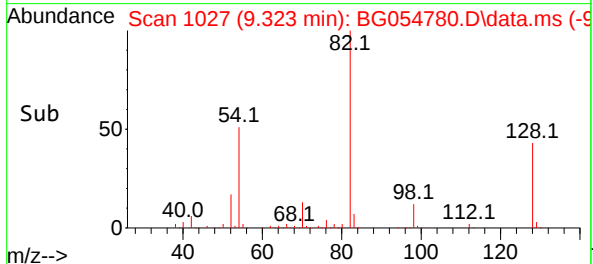
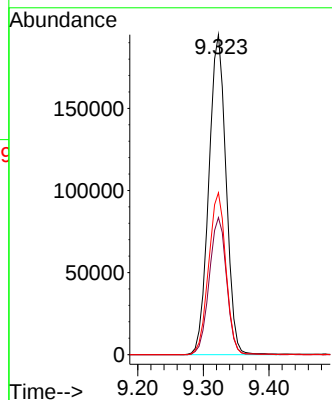
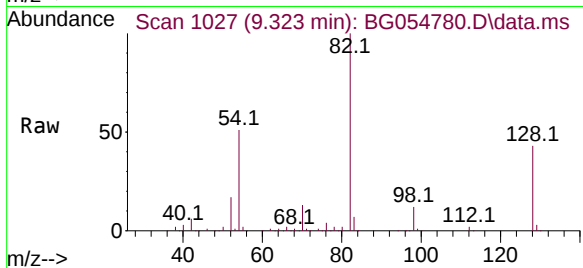
Tgt Ion: 82 Resp: 355295

Ion Ratio Lower Upper

82 100

128 42.8 32.2 48.2

54 50.6 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.781 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BG054780.D

Acq: 29 Aug 2022 20:17

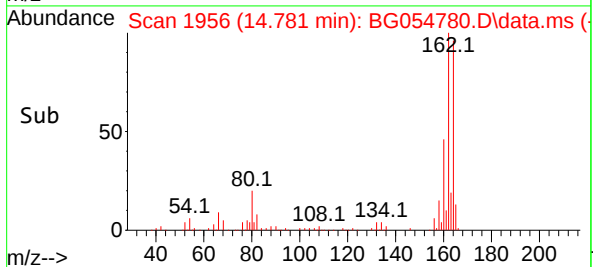
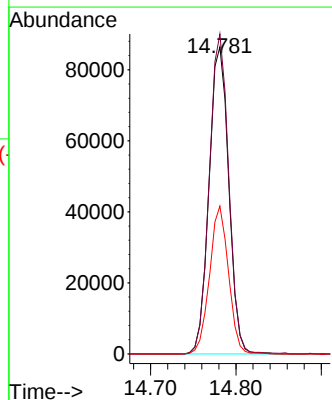
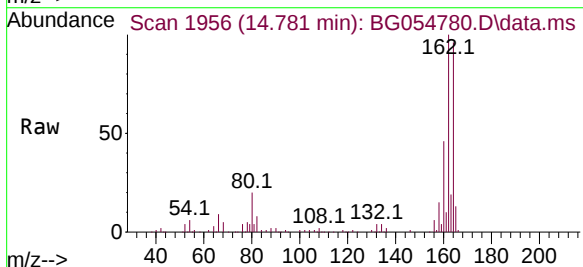
Tgt Ion:164 Resp: 138442

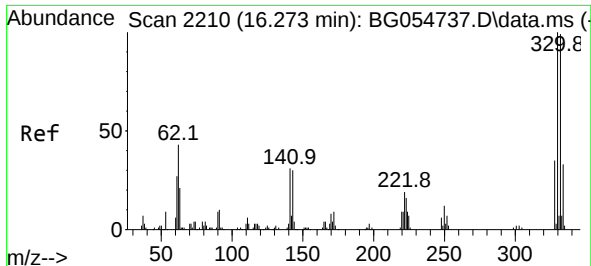
Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

160 48.1 38.0 57.0

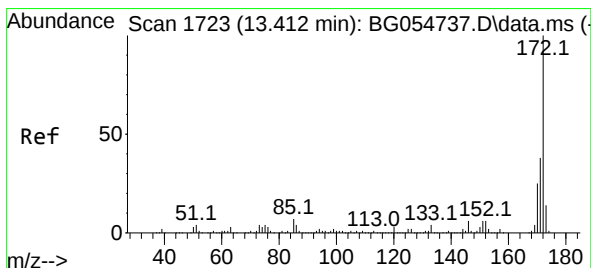
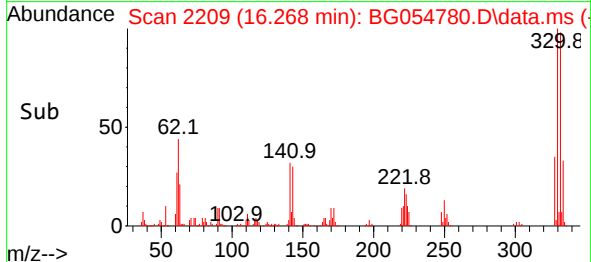
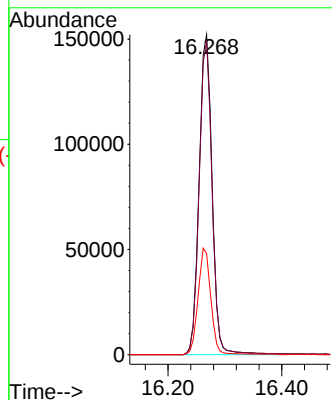
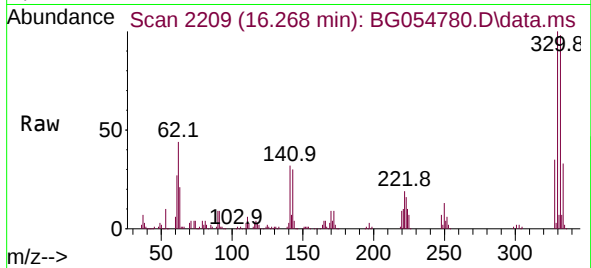




#42
2,4,6-Tribromophenol
Concen: 138.892 ng
RT: 16.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

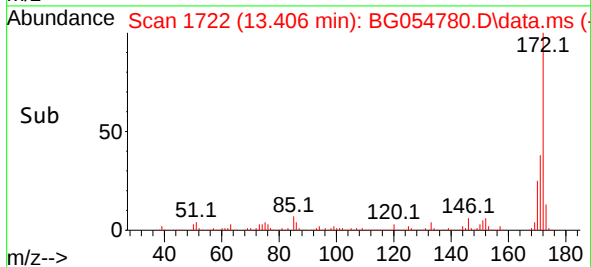
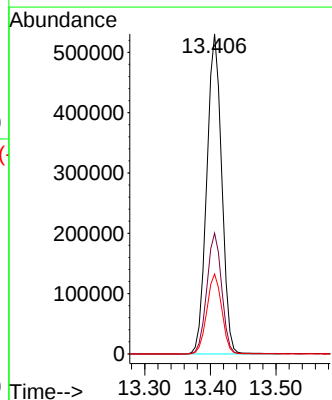
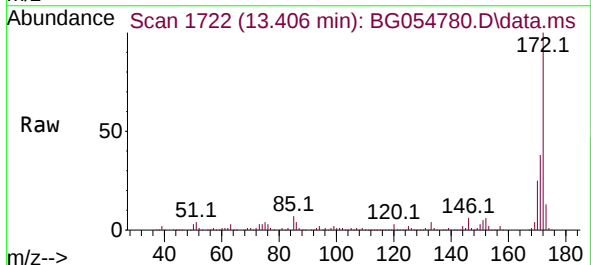
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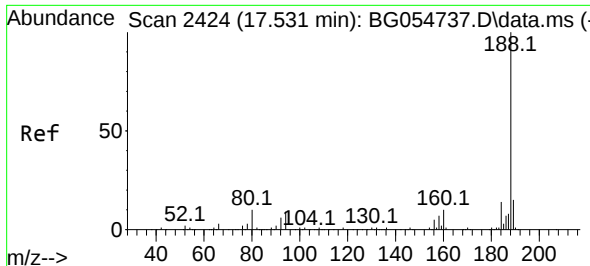
Tgt Ion:330 Resp: 240273
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 32.7 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 90.810 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:172 Resp: 836449
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 25.0 20.6 30.8

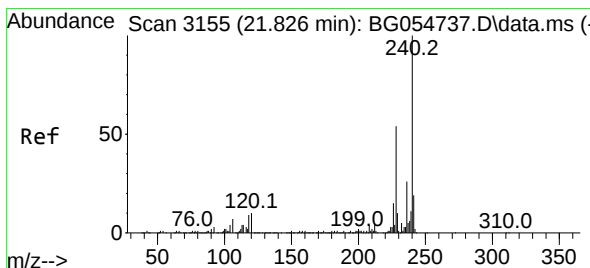
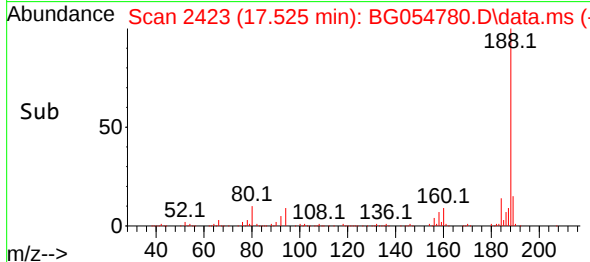
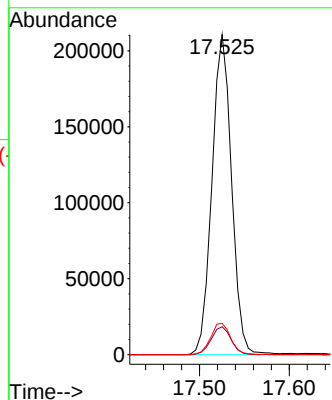
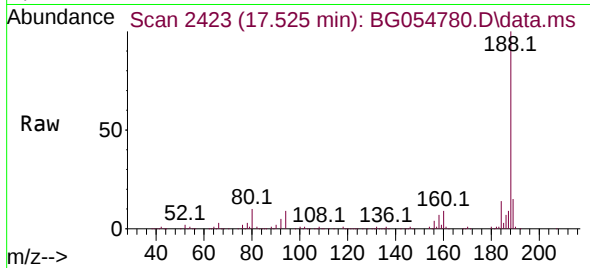




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

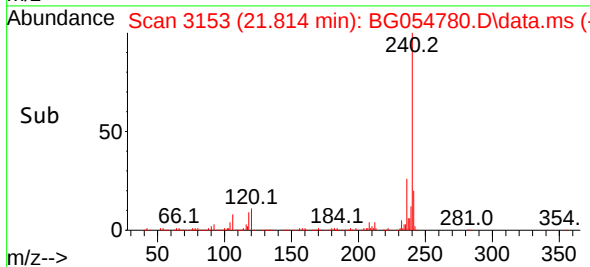
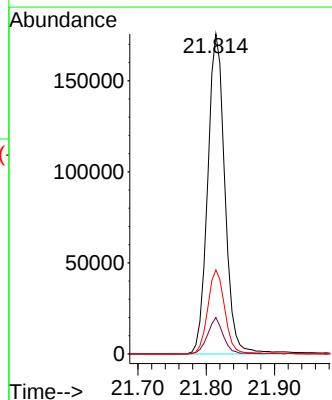
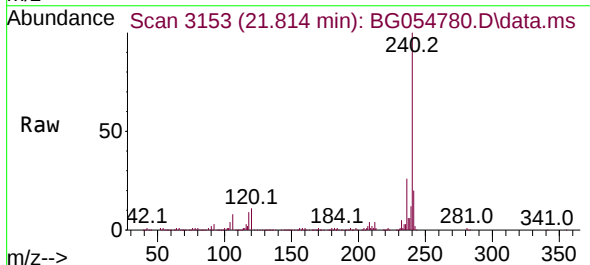
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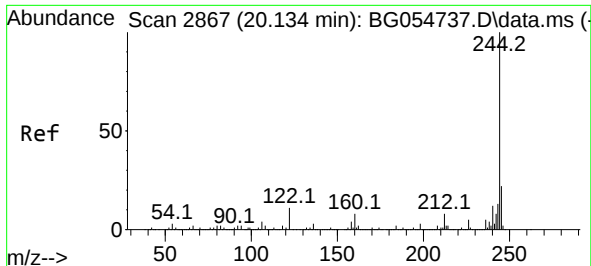
Tgt Ion:188 Resp: 320541
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:240 Resp: 307157
Ion Ratio Lower Upper
240 100
120 11.4 8.2 12.4
236 26.3 21.2 31.8

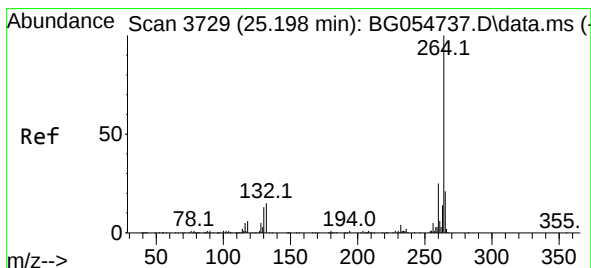
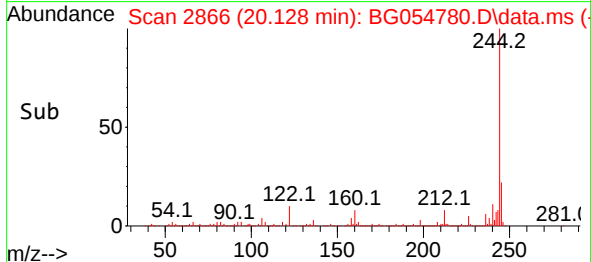
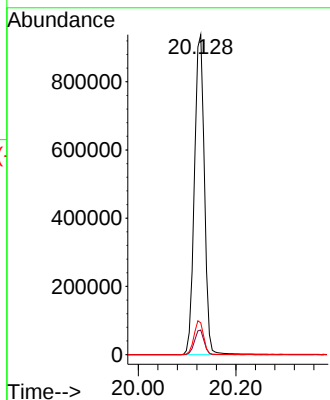
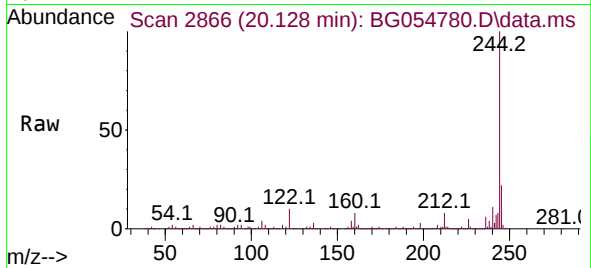




#79
 Terphenyl-d14
 Concen: 85.481 ng
 RT: 20.128 min Scan# 2867
 Delta R.T. -0.006 min
 Lab File: BG054780.D
 Acq: 29 Aug 2022 20:17

Instrument :
 BNA_G
 ClientSampleId :
 MW-38I

Tgt Ion:244 Resp: 1325139
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.181 min Scan# 3726
 Delta R.T. -0.017 min
 Lab File: BG054780.D
 Acq: 29 Aug 2022 20:17

Tgt Ion:264 Resp: 318358
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 21.5 16.9 25.3

