

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055591.D
 Acq On : 12 Nov 2022 15:53
 Operator : CG/JU
 Sample : N5431-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221176-COMP-11-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:27:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	79208	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	326431	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	245451	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	602941	20.000	ng	0.00
76) Chrysene-d12	21.925	240	603038	20.000	ng	0.00
86) Perylene-d12	25.356	264	645612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	122685	29.502	ng	0.00
7) Phenol-d6	7.401	99	125302	21.813	ng	0.00
23) Nitrobenzene-d5	9.440	82	200179	41.572	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	188598	78.751	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	506295	31.114	ng	0.00
79) Terphenyl-d14	20.215	244	981600	32.694	ng	0.00

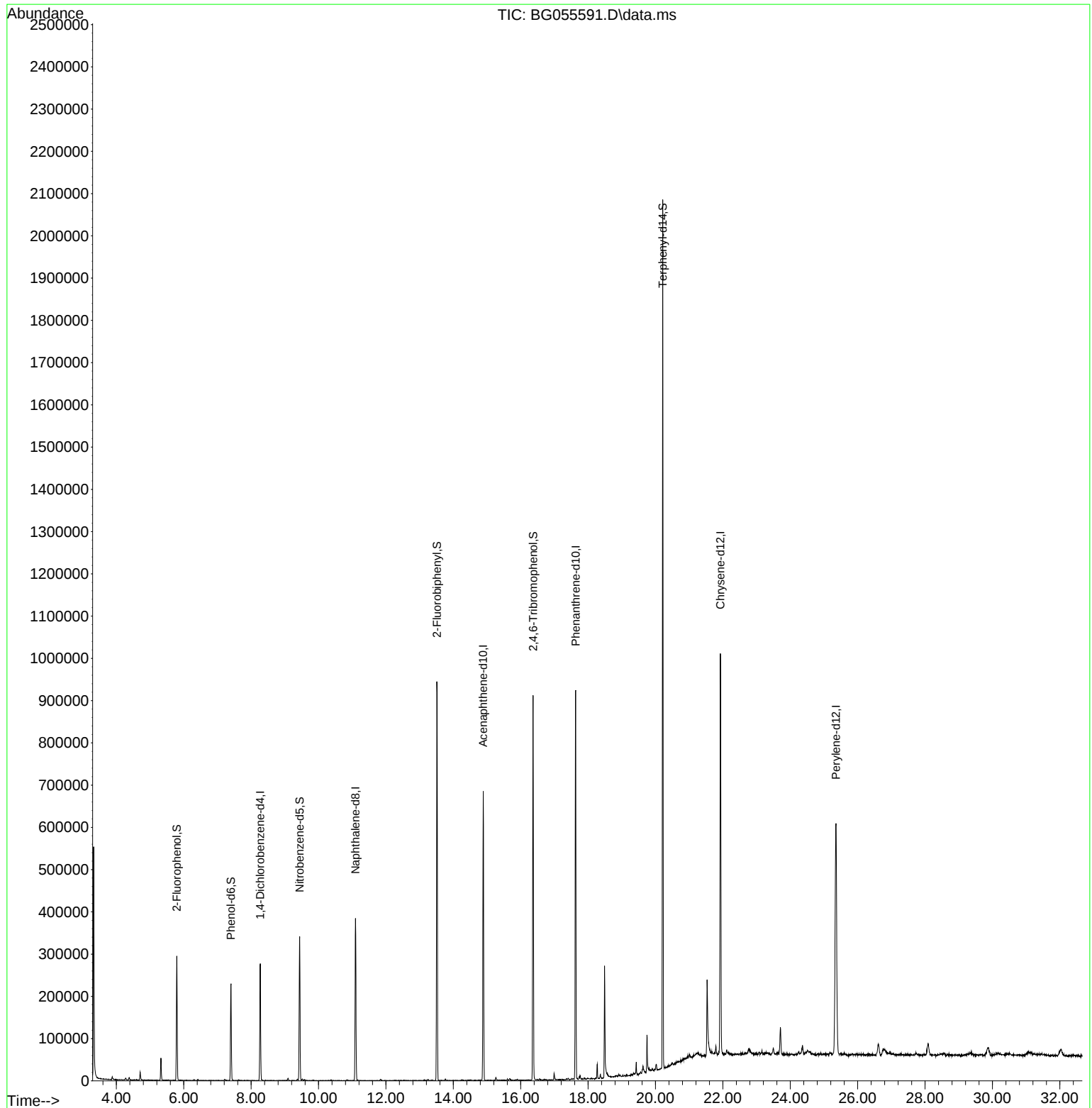
Target Compounds	Qvalue

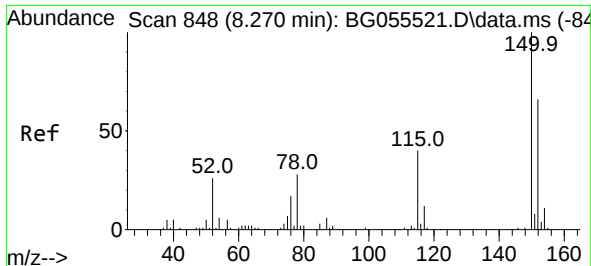
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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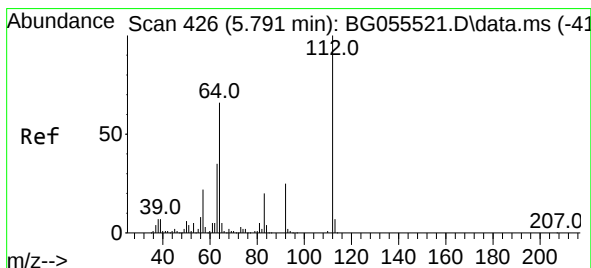
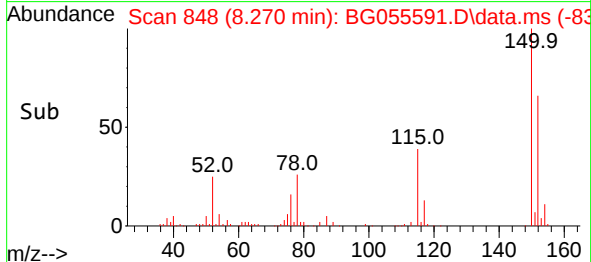
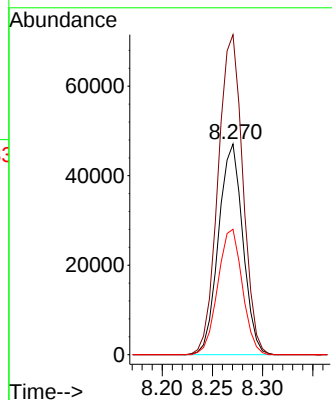
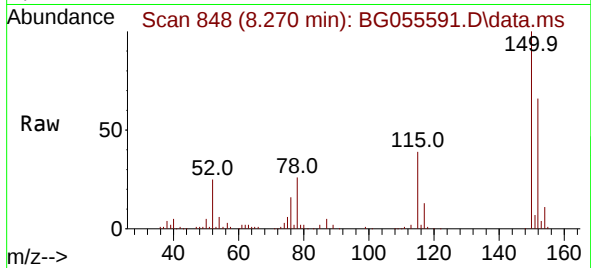




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 848
Delta R.T. 0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

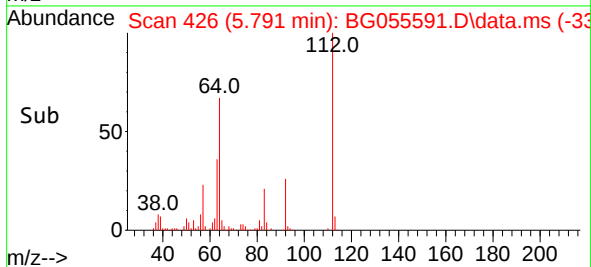
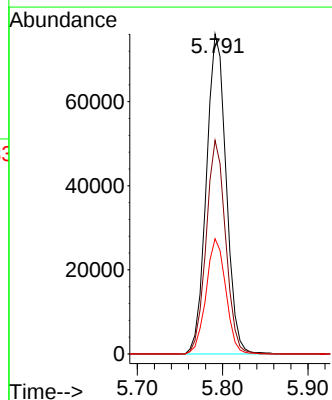
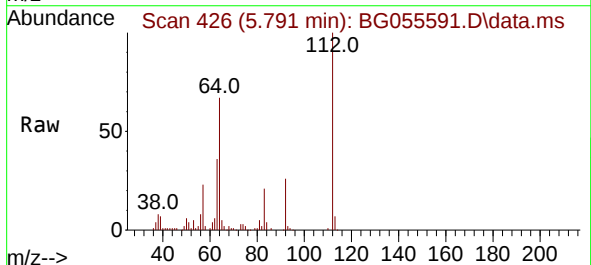
Instrument :
BNA_G
ClientSampleId :
20221176-COMP-11-MODIFIED-ELUTRIATE

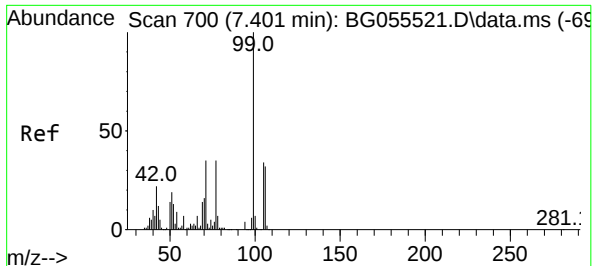
Tgt Ion:152 Resp: 79208
Ion Ratio Lower Upper
152 100
150 151.9 121.0 181.4
115 59.5 47.8 71.8



#5
2-Fluorophenol
Concen: 29.502 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion:112 Resp: 122685
Ion Ratio Lower Upper
112 100
64 66.8 52.6 78.8
63 36.0 28.3 42.5

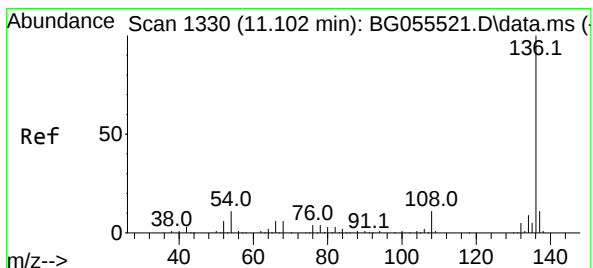
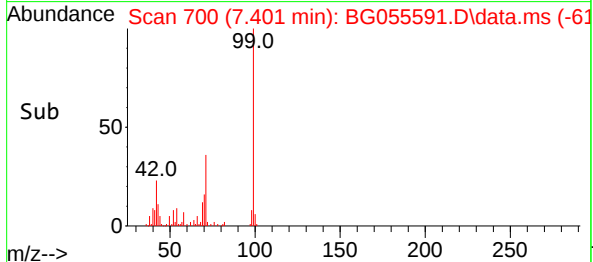
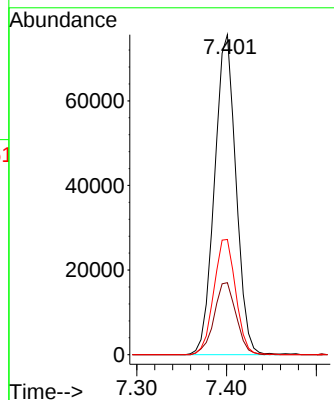
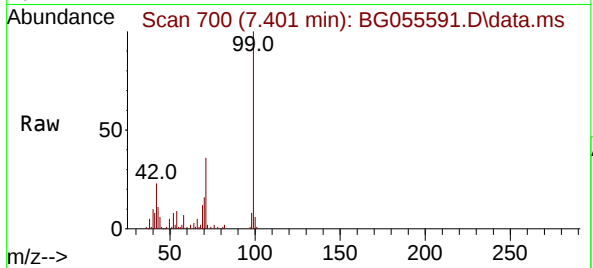




#7
Phenol-d6
Concen: 21.813 ng
RT: 7.401 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

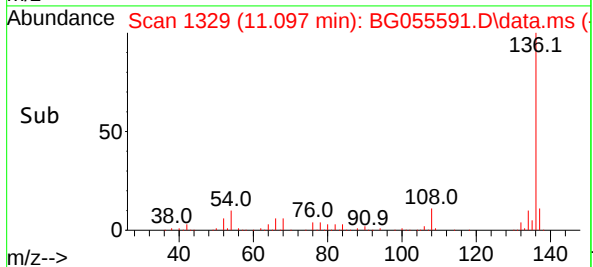
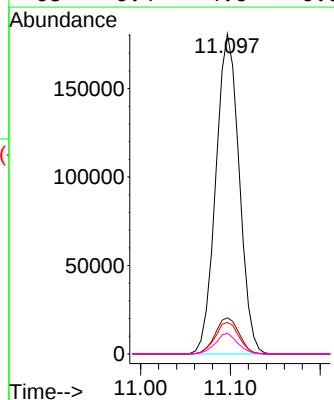
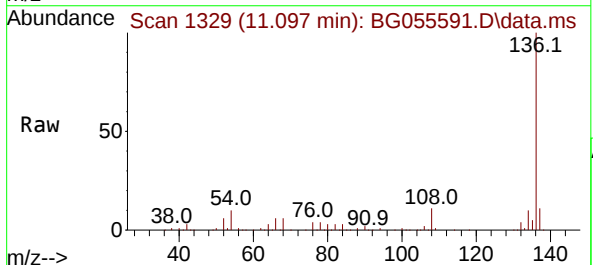
Instrument :
BNA_G
ClientSampleId :
20221176-COMP-11-MODIFIED-ELUTRIATE

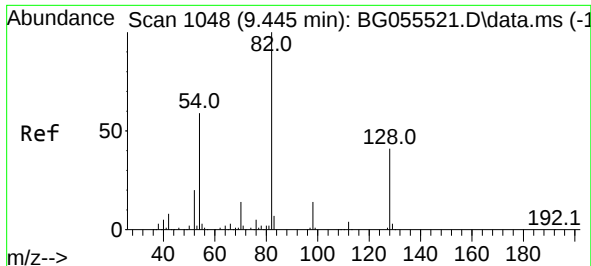
Tgt Ion: 99 Resp: 125302
Ion Ratio Lower Upper
99 100
42 22.5 17.5 26.3
71 36.0 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion: 136 Resp: 326431
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.9 8.6 12.8
68 6.4 4.6 6.8

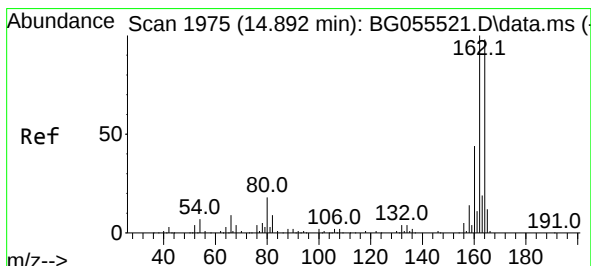
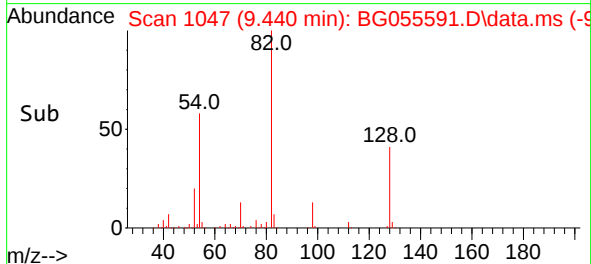
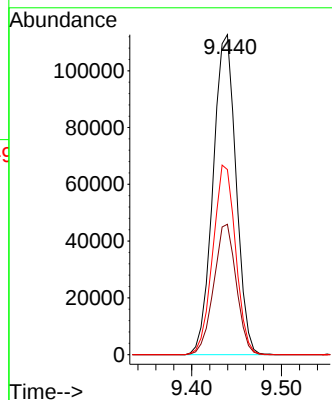
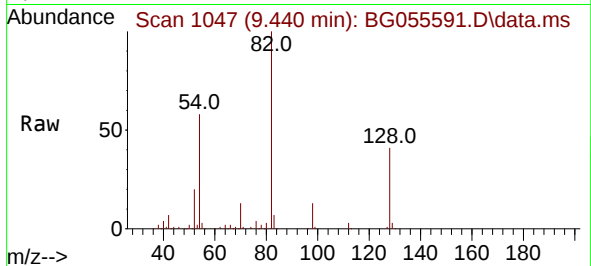




#23
Nitrobenzene-d5
Concen: 41.572 ng
RT: 9.440 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

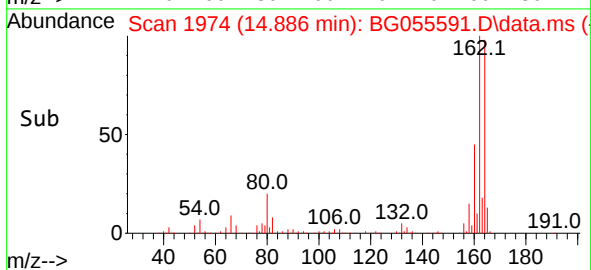
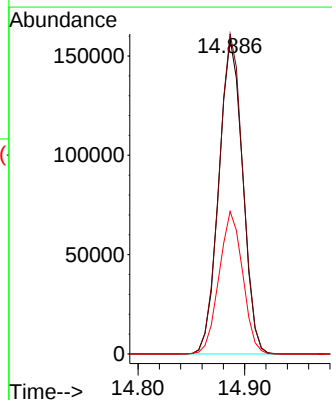
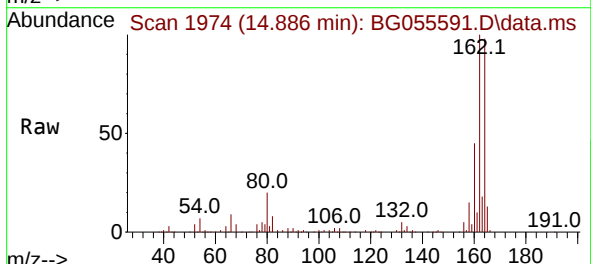
Instrument : BNA_G
ClientSampleId : 20221176-COMP-11-MODIFIED-ELUTRIATE

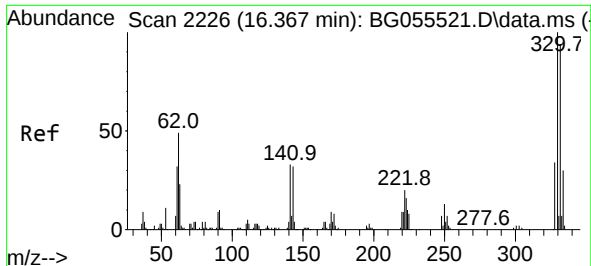
Tgt Ion: 82 Resp: 200179
Ion Ratio Lower Upper
82 100
128 40.8 32.6 49.0
54 57.9 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion: 164 Resp: 245451
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 45.2 35.9 53.9

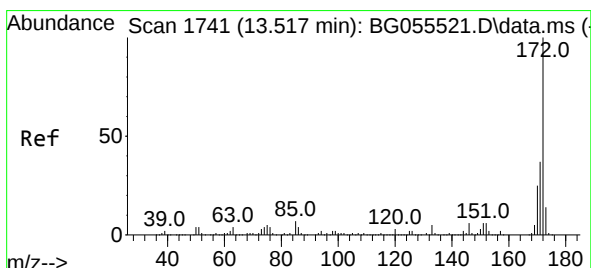
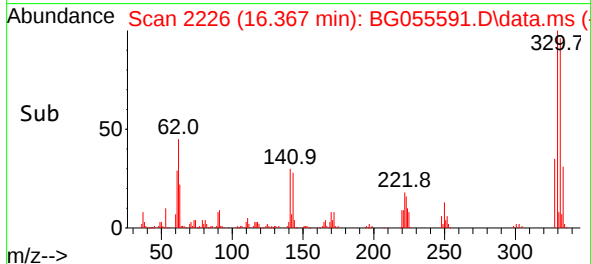
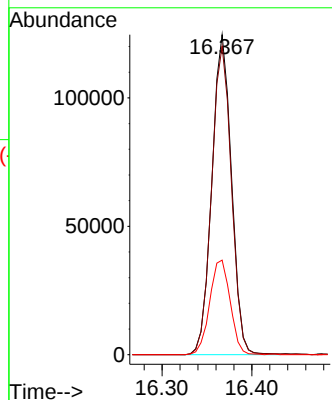
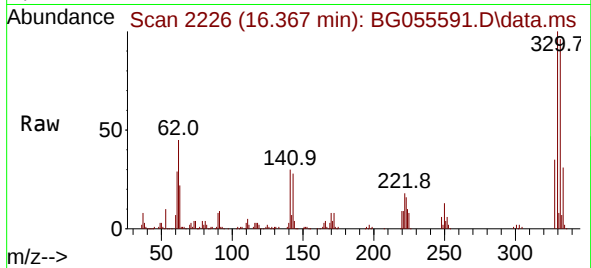




#42
2,4,6-Tribromophenol
Concen: 78.751 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

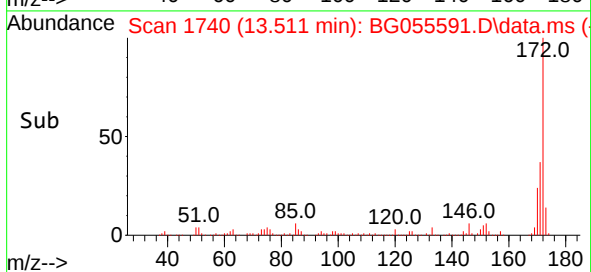
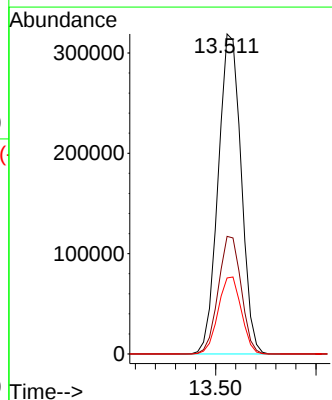
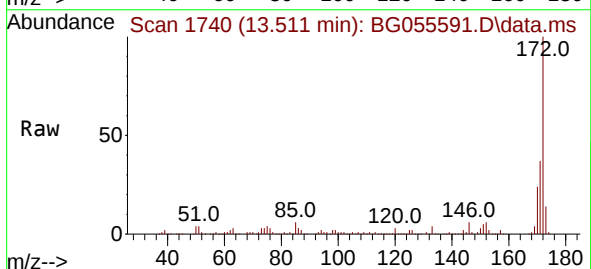
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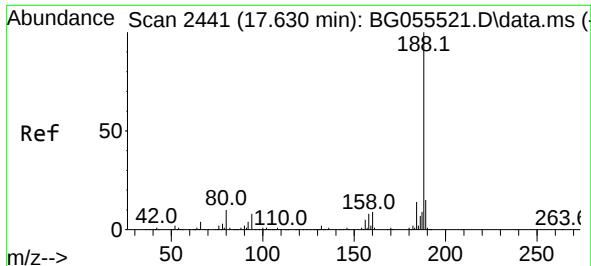
Tgt Ion:330 Resp: 188598
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 30.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 31.114 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion:172 Resp: 506295
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 23.7 19.8 29.6

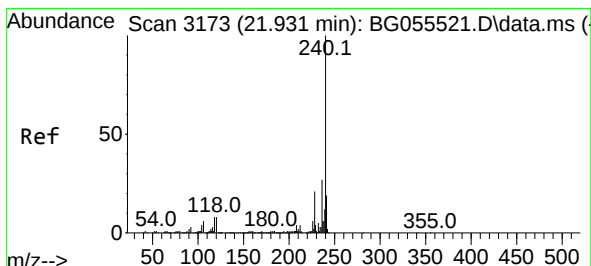
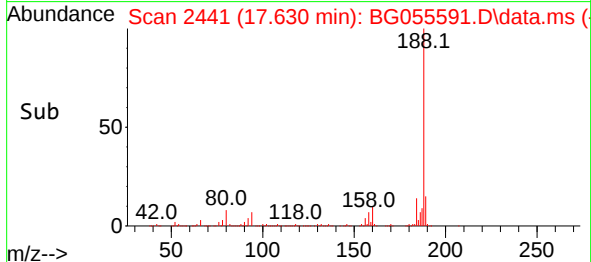
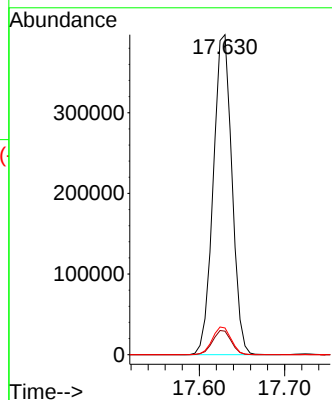
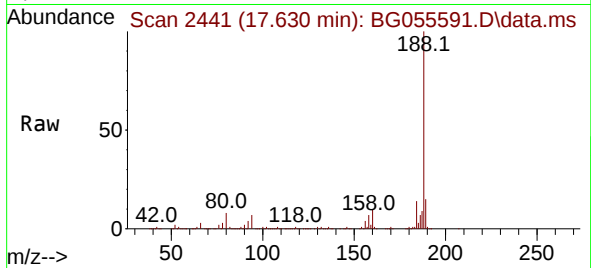




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

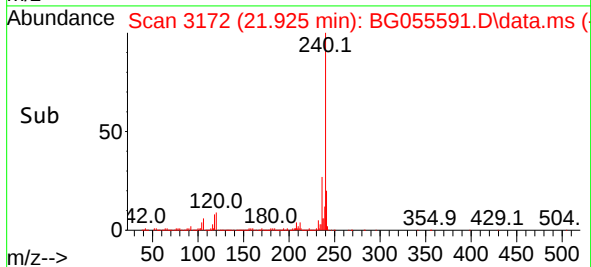
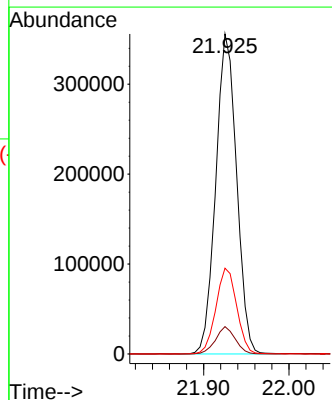
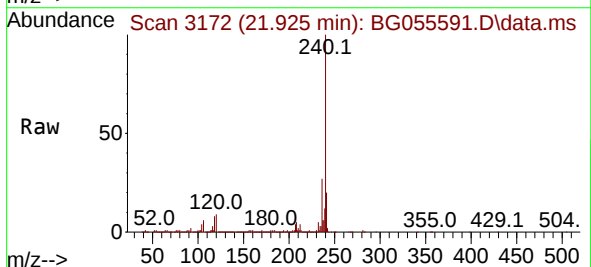
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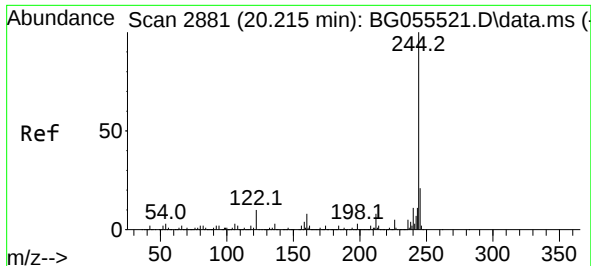
Tgt Ion:188 Resp: 602941
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion:240 Resp: 603038
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.8 21.4 32.0

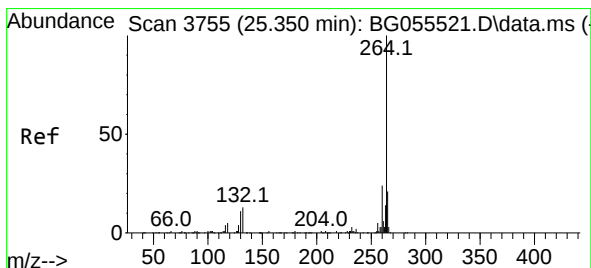
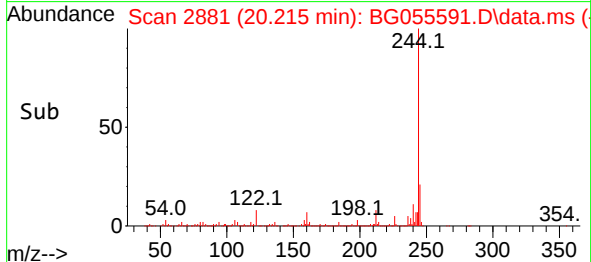
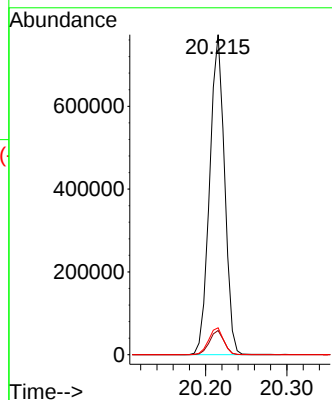
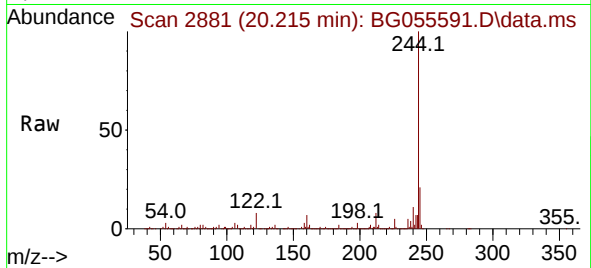




#79
 Terphenyl-d14
 Concen: 32.694 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055591.D
 Acq: 12 Nov 2022 15:53

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 981600
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.4 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.356 min Scan# 3756
 Delta R.T. 0.006 min
 Lab File: BG055591.D
 Acq: 12 Nov 2022 15:53

Tgt Ion:264 Resp: 645612
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.5 17.1 25.7

