

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055528.D
 Acq On : 9 Nov 2022 18:07
 Operator : CG/JU
 Sample : N5360-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221172-COMP-07-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:30:37 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	8.273	152	55934	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	231518	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	157250	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	349109	20.000	ng	0.00
76) Chrysene-d12	21.922	240	326443	20.000	ng	0.00
86) Perylene-d12	25.342	264	345511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	176241	60.016	ng	0.00
7) Phenol-d6	7.398	99	171794	42.351	ng	0.00
23) Nitrobenzene-d5	9.443	82	305219	89.373	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	215967	140.760	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	730178	70.041	ng	0.00
79) Terphenyl-d14	20.212	244	603249	37.117	ng	0.00

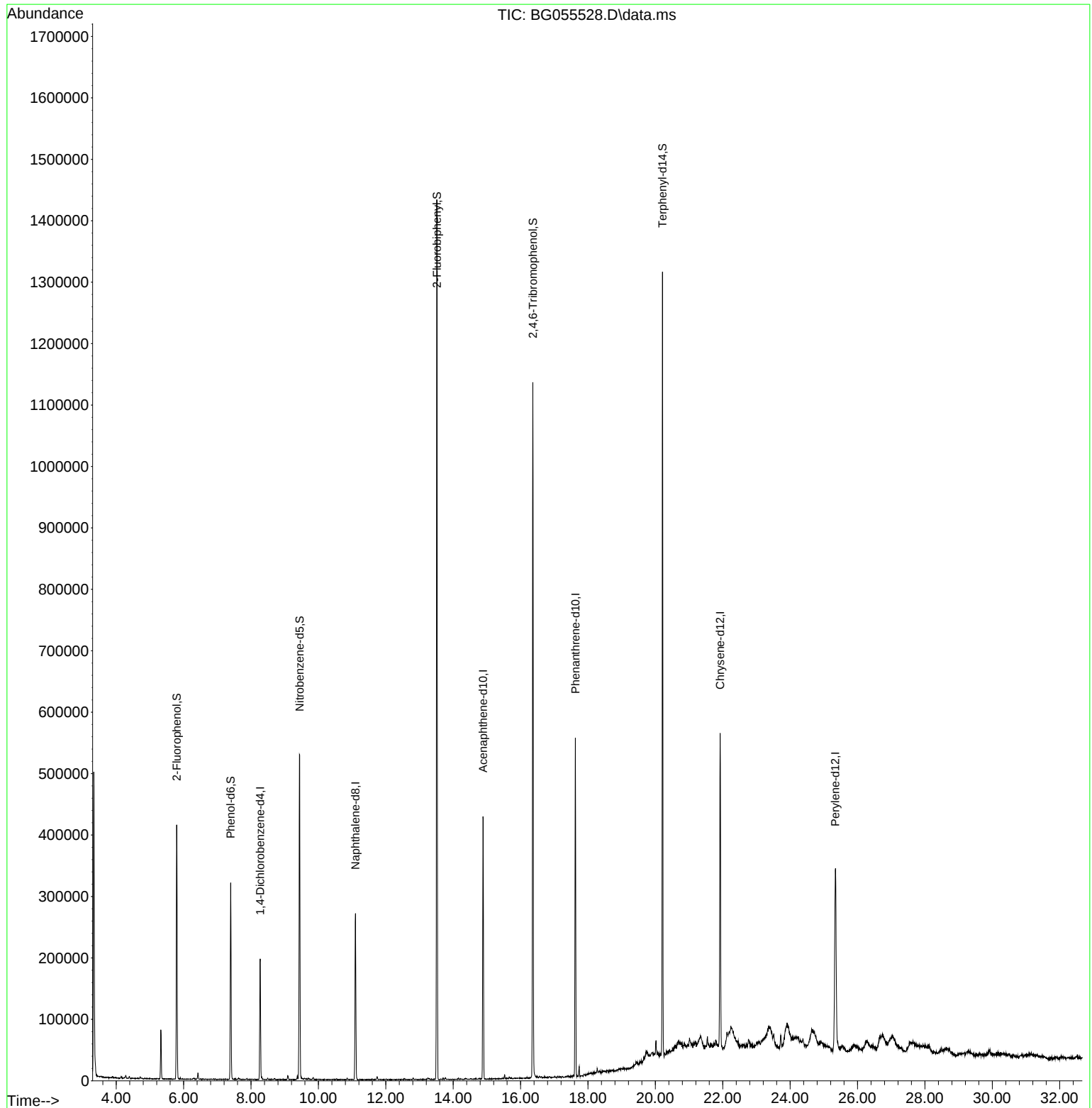
Target Compounds	Qvalue

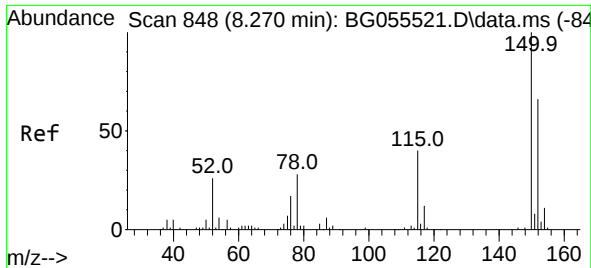
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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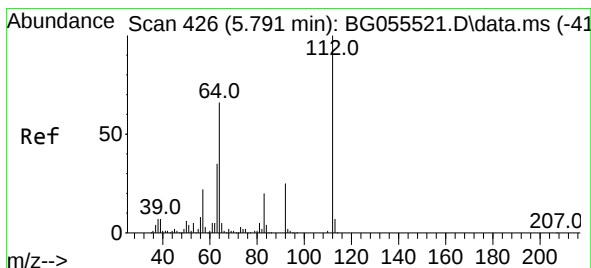
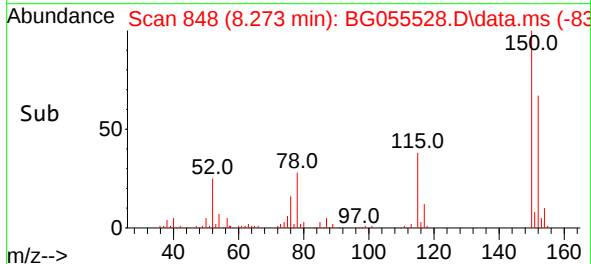
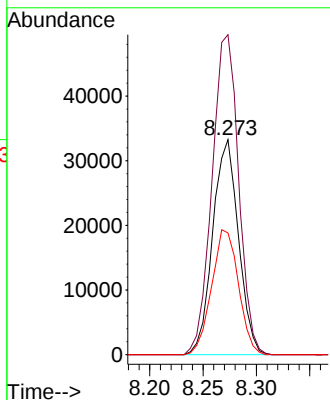
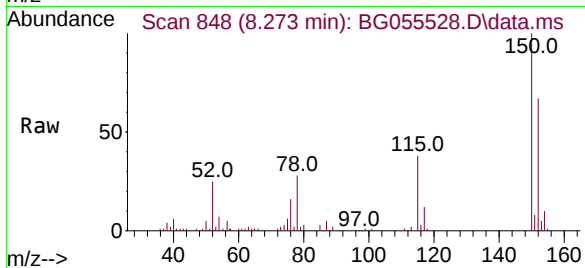




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

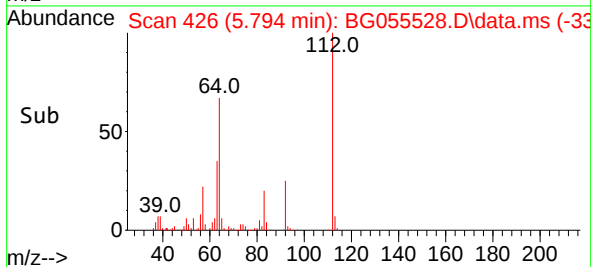
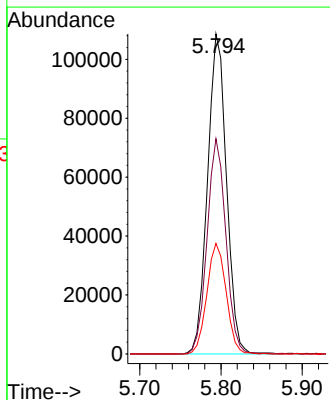
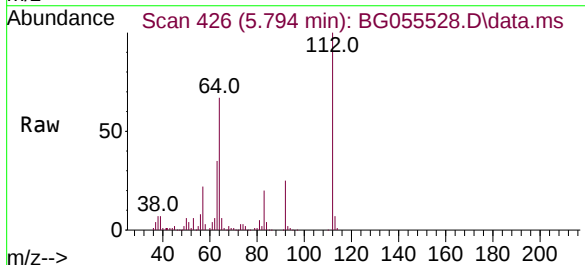
Instrument :
BNA_G
ClientSampleId :
20221172-COMP-07-MODIFIED-ELUTRIATE

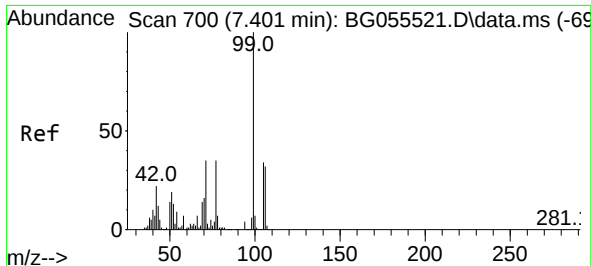
Tgt Ion:152 Resp: 55934
Ion Ratio Lower Upper
152 100
150 148.9 121.0 181.4
115 56.7 47.8 71.8



#5
2-Fluorophenol
Concen: 60.016 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion:112 Resp: 176241
Ion Ratio Lower Upper
112 100
64 67.2 52.6 78.8
63 34.5 28.3 42.5

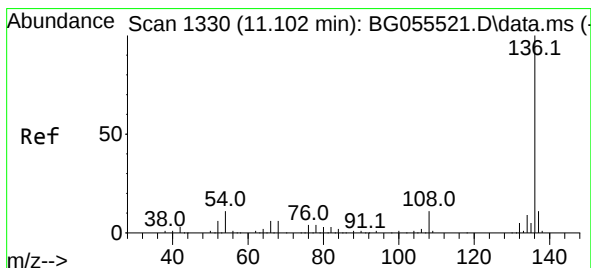
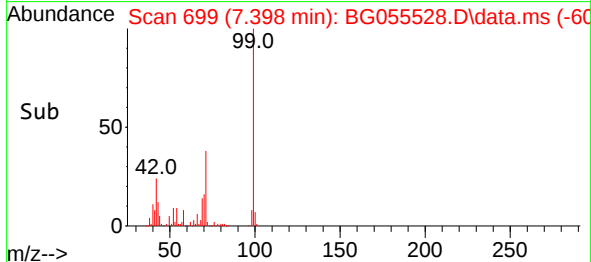
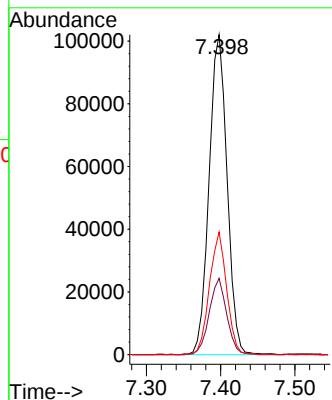
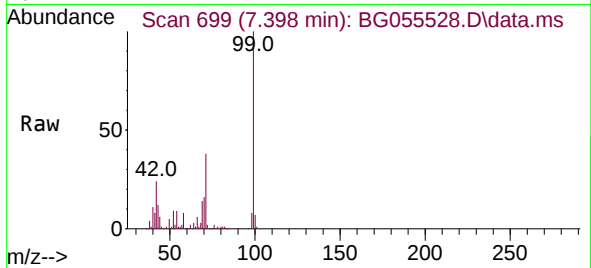




#7
Phenol-d6
Concen: 42.351 ng
RT: 7.398 min Scan# 691
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

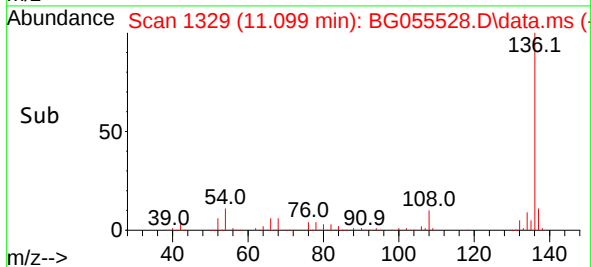
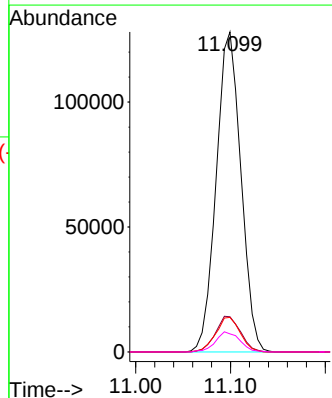
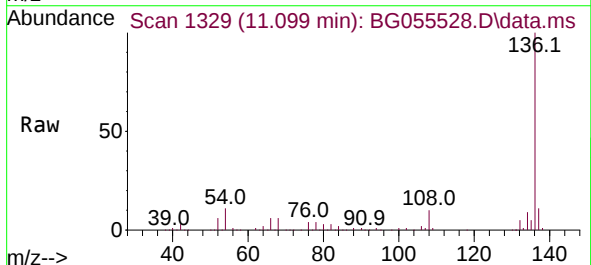
Instrument :
BNA_G
ClientSampleId :
20221172-COMP-07-MODIFIED-ELUTRIATE

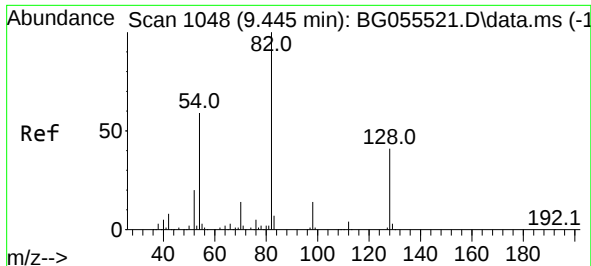
Tgt Ion: 99 Resp: 171794
Ion Ratio Lower Upper
99 100
42 23.8 17.5 26.3
71 38.3 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion: 136 Resp: 231518
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.8 8.6 12.8
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 89.373 ng

RT: 9.443 min Scan# 1047

Delta R.T. -0.002 min

Lab File: BG055528.D

Acq: 9 Nov 2022 18:07

Instrument :

BNA_G

ClientSampleId :

20221172-COMP-07-MODIFIED-ELUTRIATE

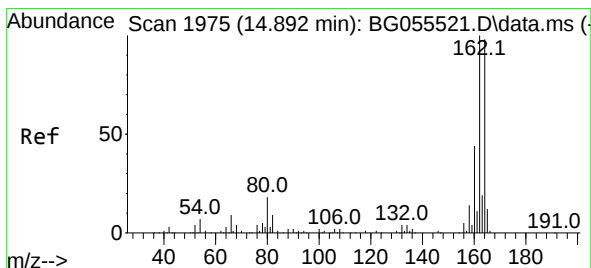
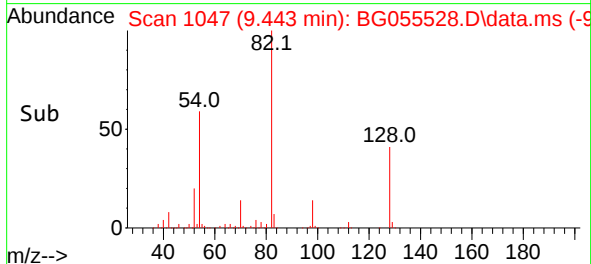
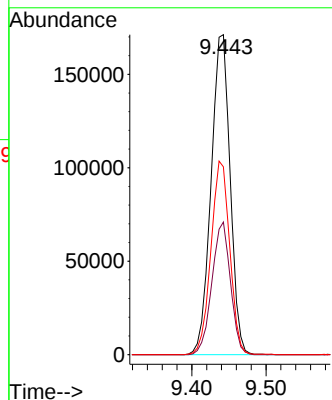
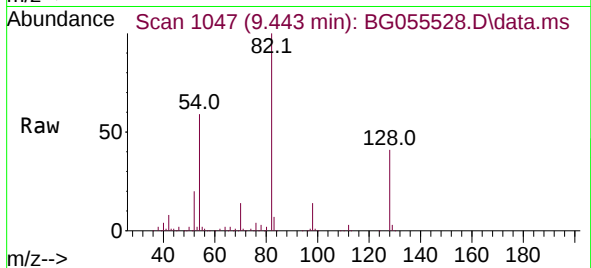
Tgt Ion: 82 Resp: 305219

Ion Ratio Lower Upper

82 100

128 41.4 32.6 49.0

54 58.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG055528.D

Acq: 9 Nov 2022 18:07

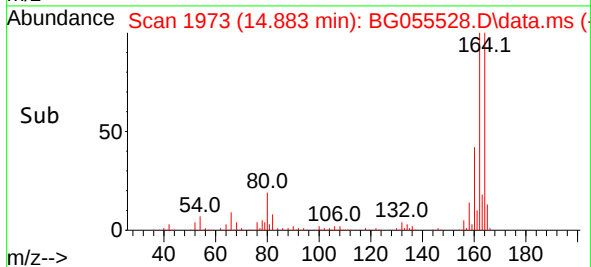
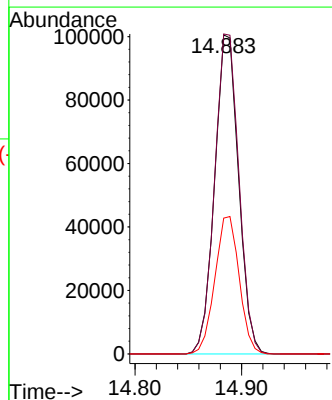
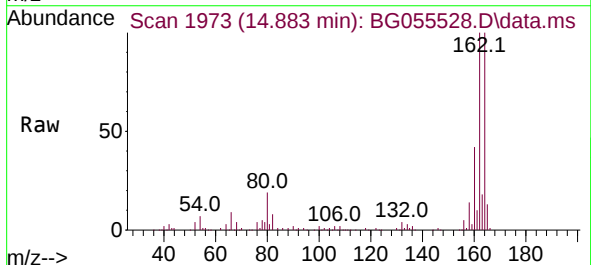
Tgt Ion:164 Resp: 157250

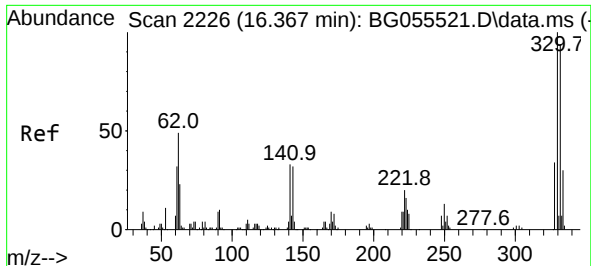
Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

160 42.6 35.9 53.9

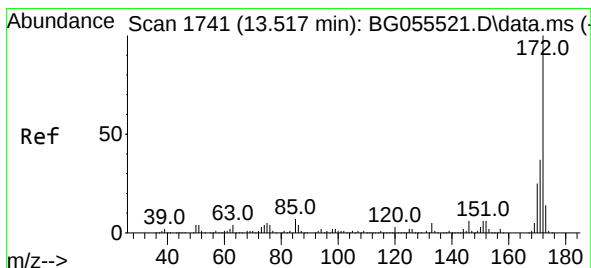
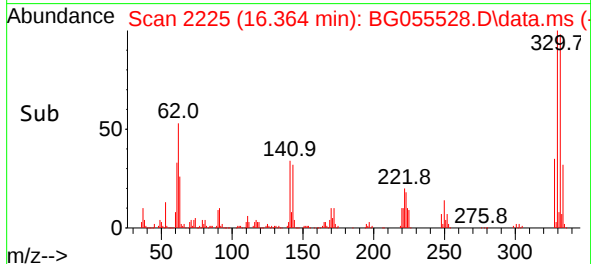
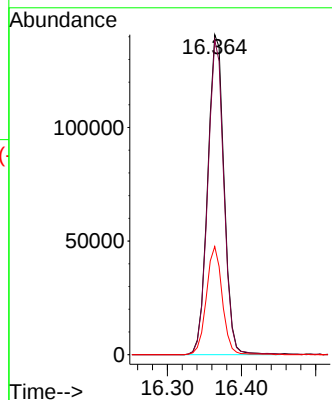
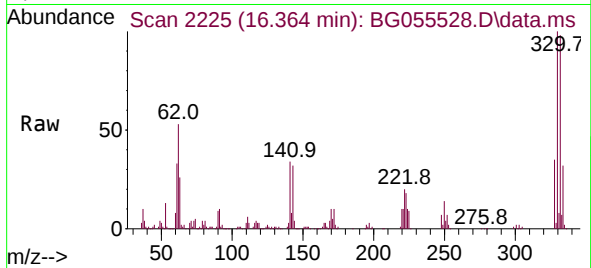




#42
2,4,6-Tribromophenol
Concen: 140.760 ng
RT: 16.364 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

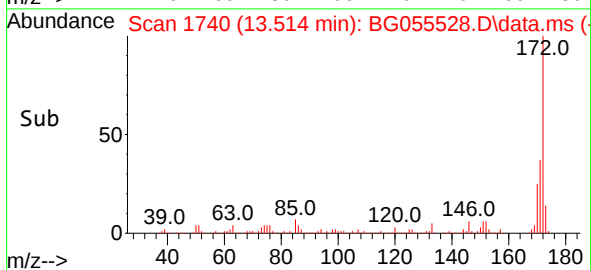
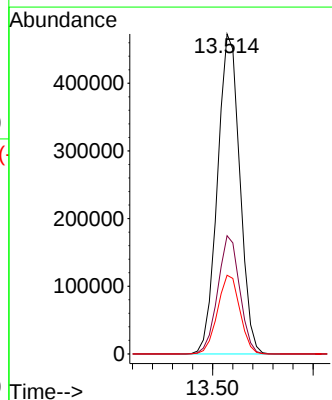
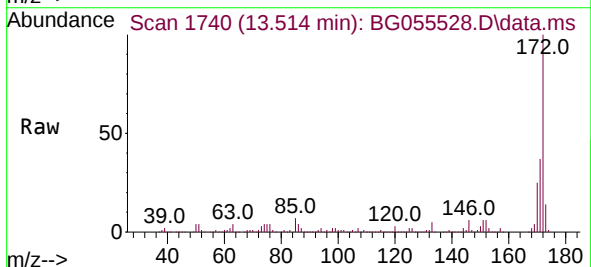
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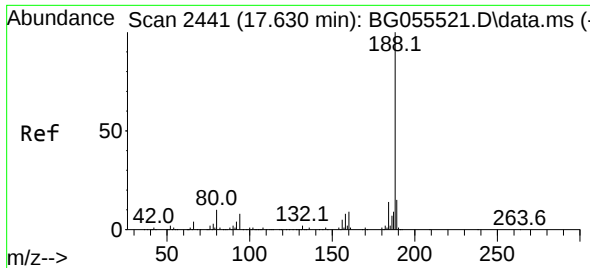
Tgt Ion:330 Resp: 215967
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 32.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 70.041 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion:172 Resp: 730178
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.6 19.8 29.6

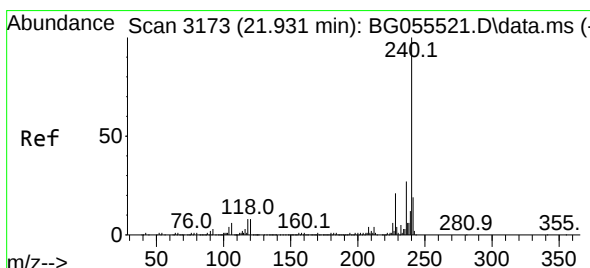
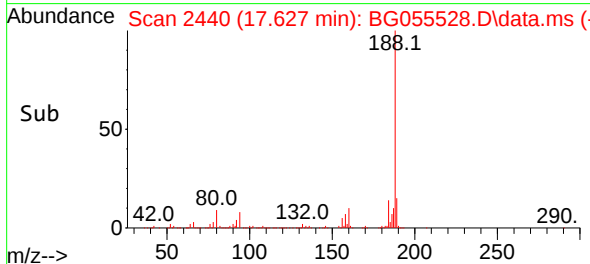
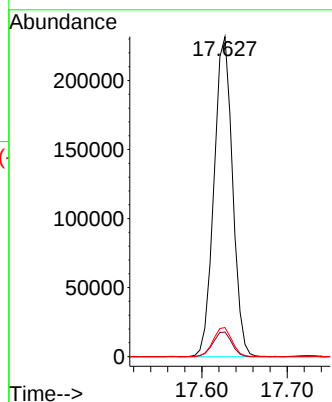
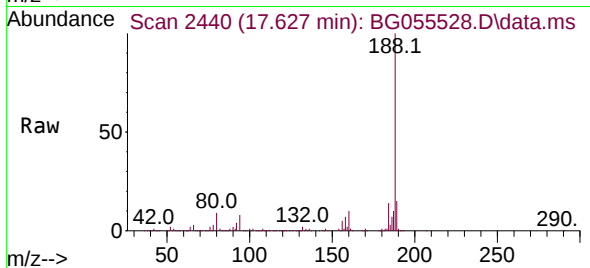




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2440
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

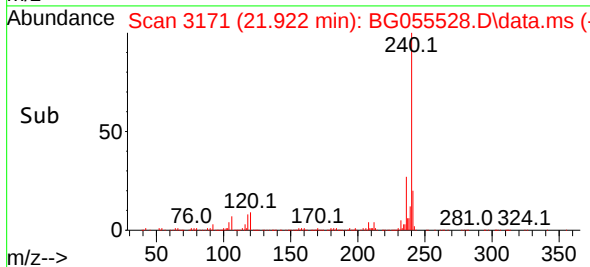
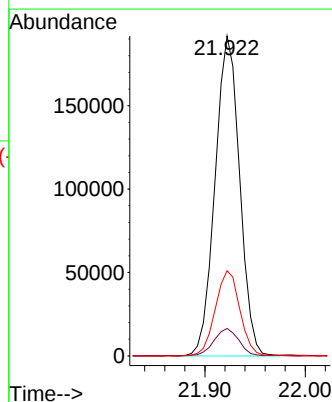
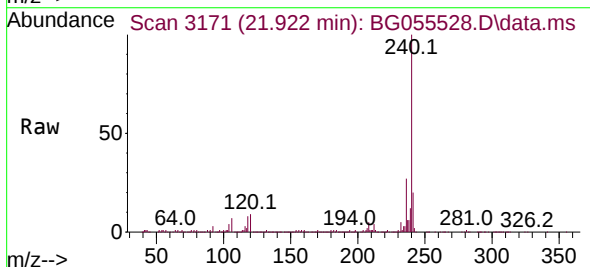
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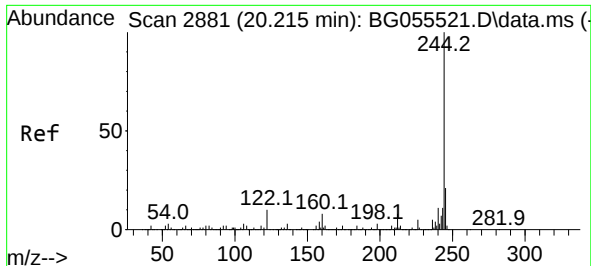
Tgt Ion:188 Resp: 349109
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3171
Delta R.T. -0.009 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion:240 Resp: 326443
Ion Ratio Lower Upper
240 100
120 8.6 6.1 9.1
236 26.6 21.4 32.0

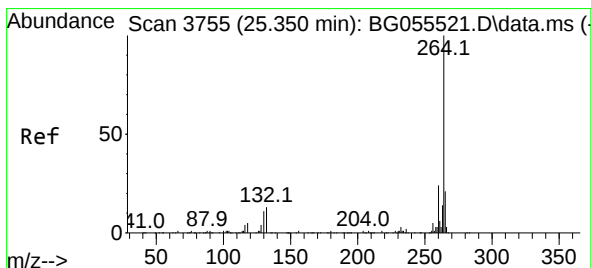
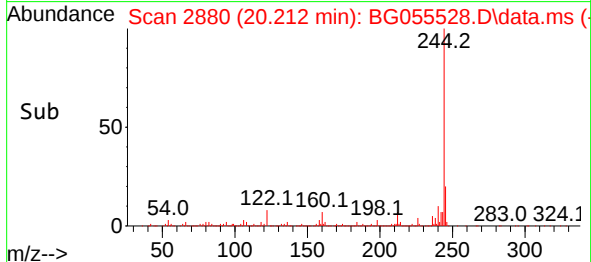
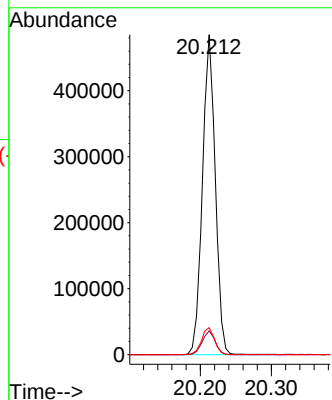
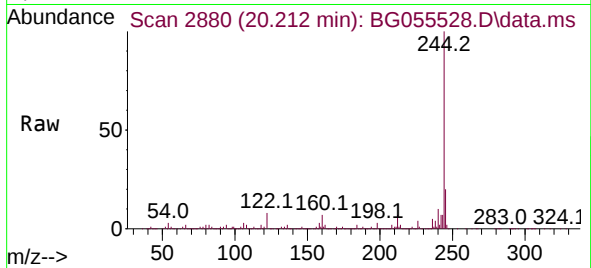




#79
 Terphenyl-d14
 Concen: 37.117 ng
 RT: 20.212 min Scan# 2881
 Delta R.T. -0.003 min
 Lab File: BG055528.D
 Acq: 9 Nov 2022 18:07

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 603249
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.4 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.342 min Scan# 3753
 Delta R.T. -0.008 min
 Lab File: BG055528.D
 Acq: 9 Nov 2022 18:07

Tgt Ion:264 Resp: 345511
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.9 17.1 25.7

