

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055529.D
 Acq On : 9 Nov 2022 18:48
 Operator : CG/JU
 Sample : N5360-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221169-COMP-04-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:31:01 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	8.271	152	56155	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	227120	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	152989	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	346772	20.000	ng	0.00
76) Chrysene-d12	21.926	240	333321	20.000	ng	0.00
86) Perylene-d12	25.345	264	352700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	172409	58.480	ng	0.00
7) Phenol-d6	7.395	99	159000	39.043	ng	0.00
23) Nitrobenzene-d5	9.440	82	310497	92.679	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	237137	158.862	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	760478	74.979	ng	0.00
79) Terphenyl-d14	20.216	244	738970	44.530	ng	0.00

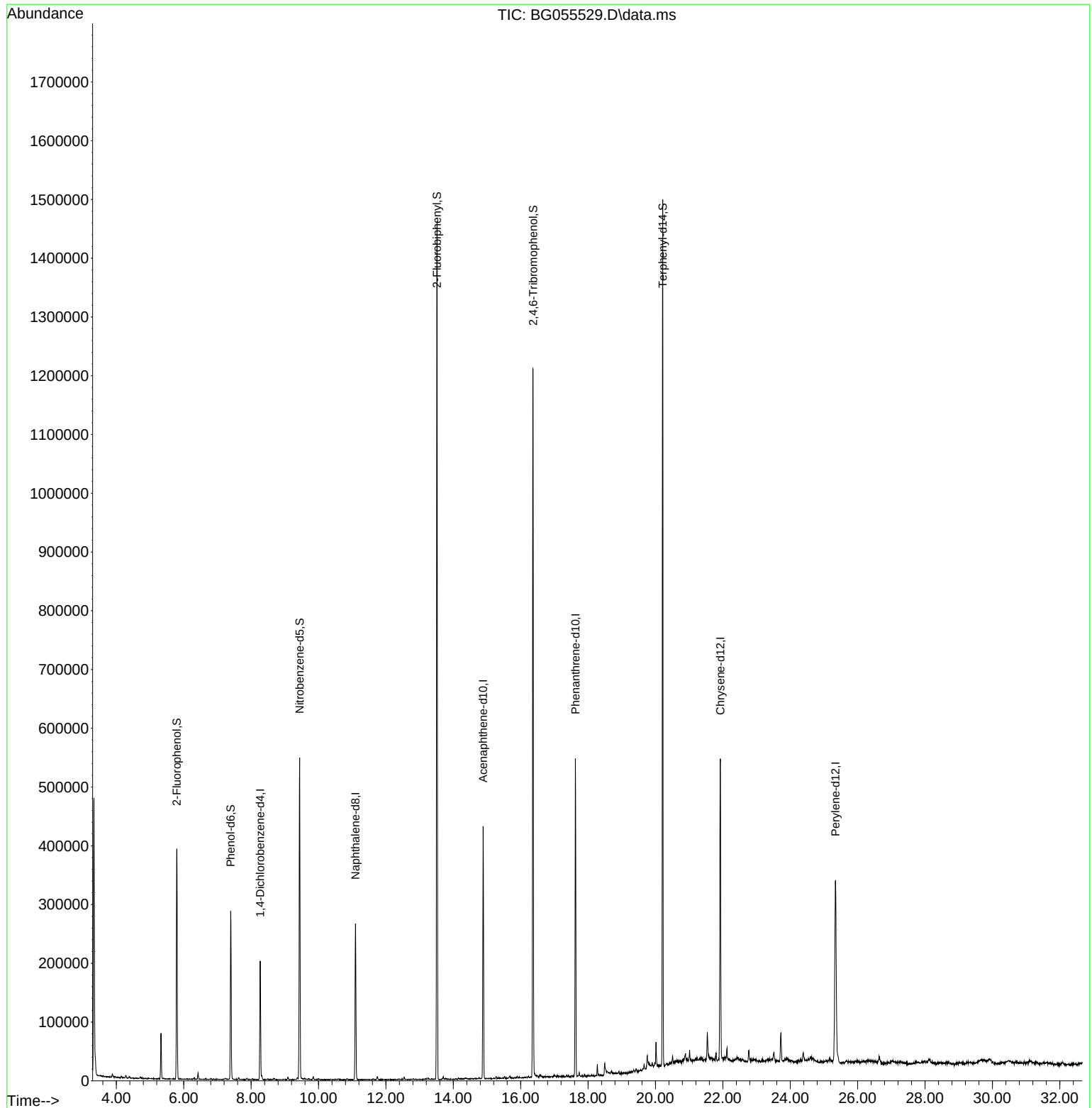
Target Compounds	Qvalue

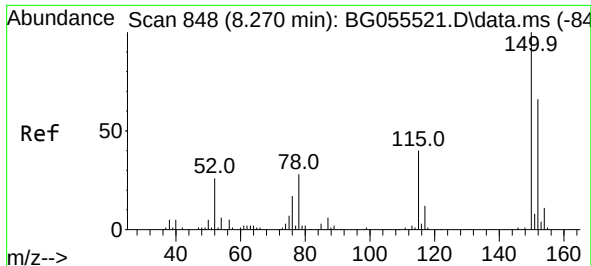
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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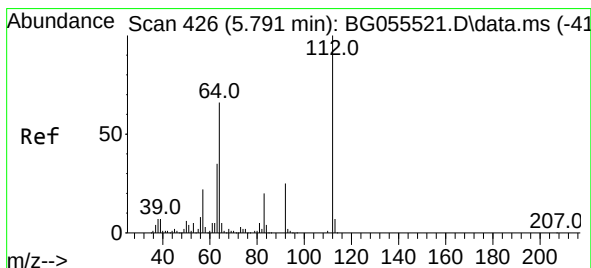
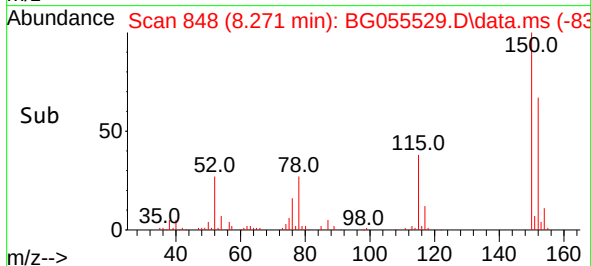
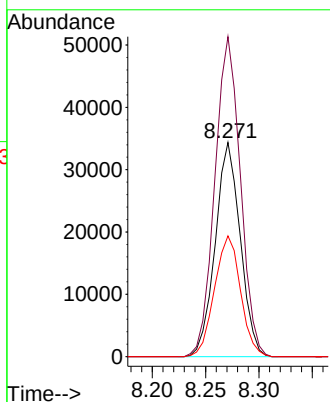
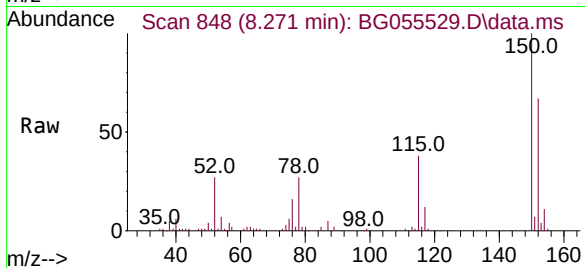




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

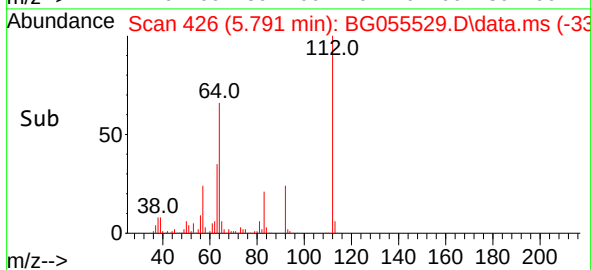
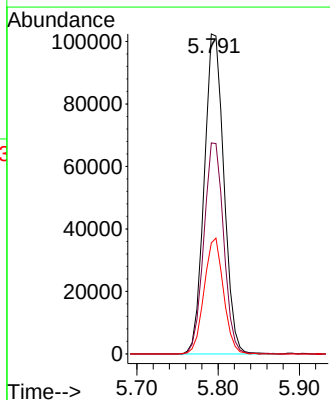
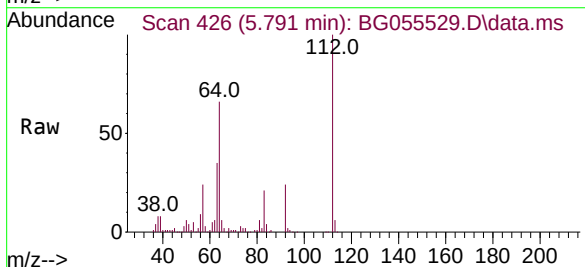
Instrument :
BNA_G
ClientSampleId :
20221169-COMP-04-MODIFIED-ELUTRIATE

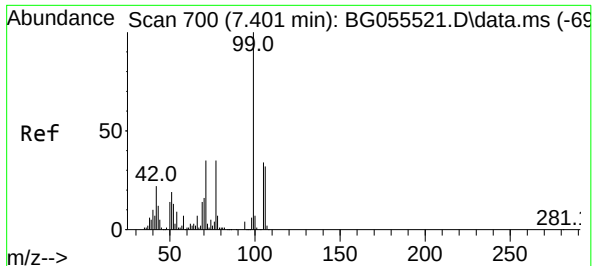
Tgt Ion:152 Resp: 56155
Ion Ratio Lower Upper
152 100
150 149.4 121.0 181.4
115 56.4 47.8 71.8



#5
2-Fluorophenol
Concen: 58.480 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.000 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion:112 Resp: 172409
Ion Ratio Lower Upper
112 100
64 65.9 52.6 78.8
63 34.7 28.3 42.5

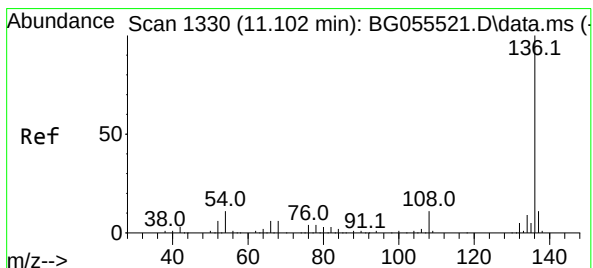
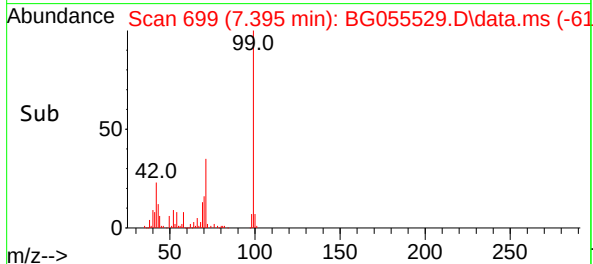
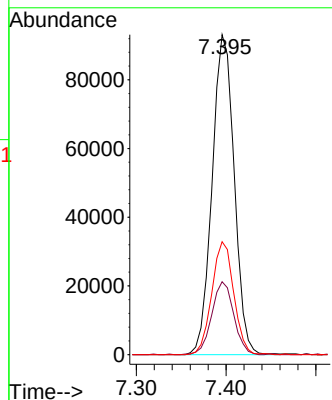
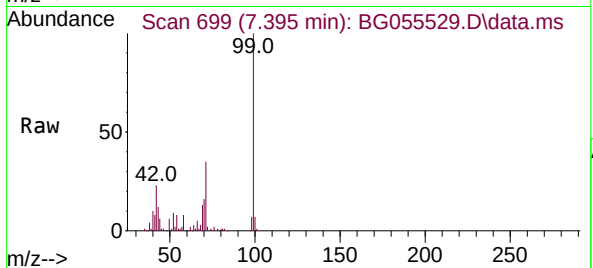




#7
Phenol-d6
Concen: 39.043 ng
RT: 7.395 min Scan# 699
Delta R.T. -0.006 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

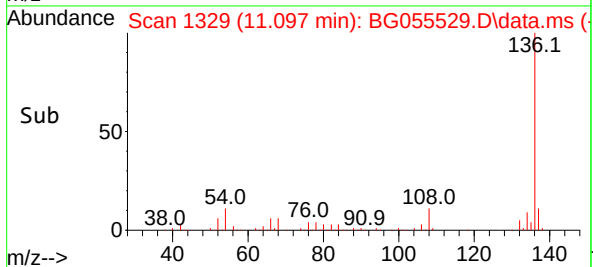
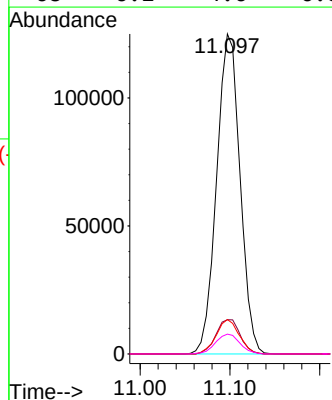
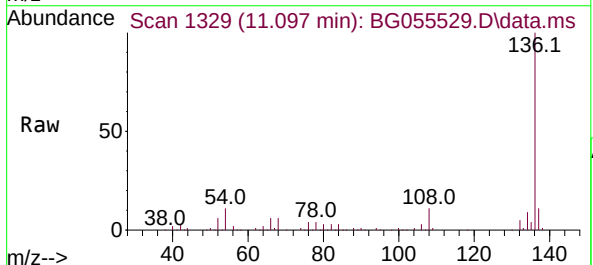
Instrument :
BNA_G
ClientSampleId :
20221169-COMP-04-MODIFIED-ELUTRIATE

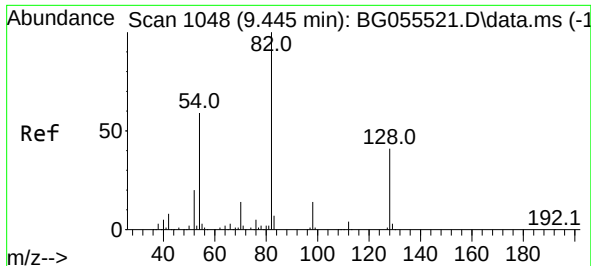
Tgt Ion: 99 Resp: 159000
Ion Ratio Lower Upper
99 100
42 22.8 17.5 26.3
71 35.3 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion: 136 Resp: 227120
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.7 8.6 12.8
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.679 ng

RT: 9.440 min Scan# 1047

Delta R.T. -0.005 min

Lab File: BG055529.D

Acq: 9 Nov 2022 18:48

Instrument :

BNA_G

ClientSampleId :

20221169-COMP-04-MODIFIED-ELUTRIATE

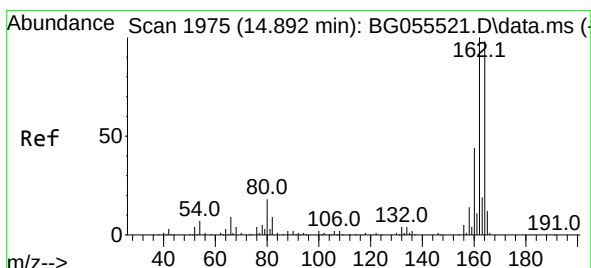
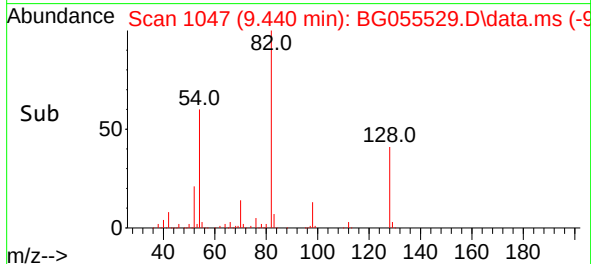
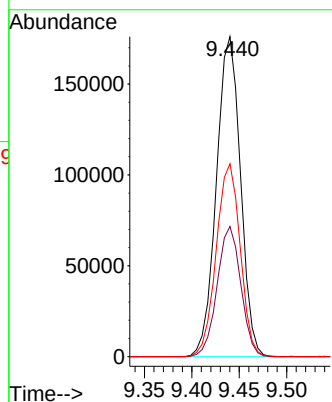
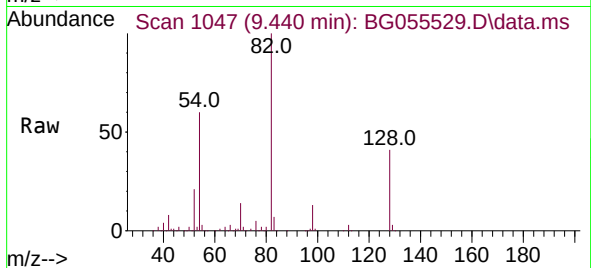
Tgt Ion: 82 Resp: 310497

Ion Ratio Lower Upper

82 100

128 40.7 32.6 49.0

54 60.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055529.D

Acq: 9 Nov 2022 18:48

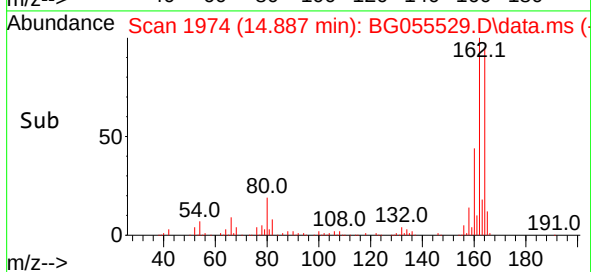
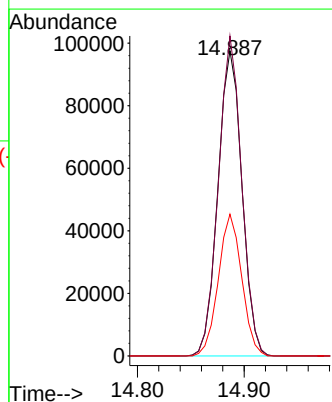
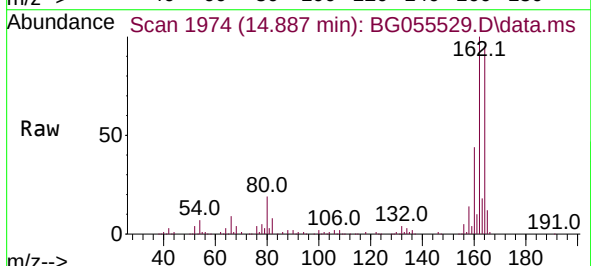
Tgt Ion: 164 Resp: 152989

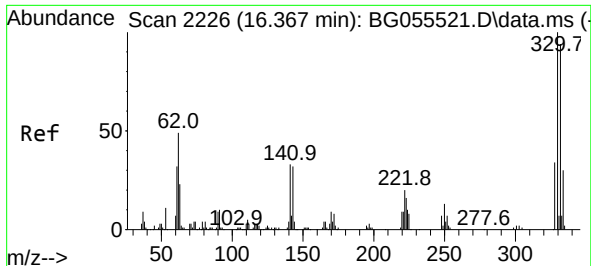
Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

160 46.5 35.9 53.9

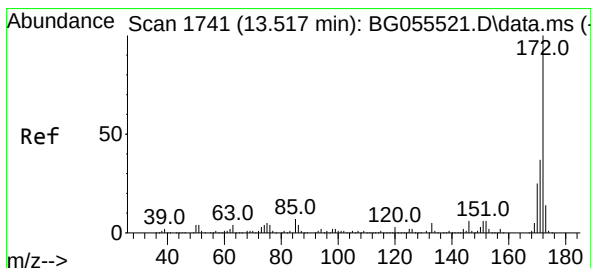
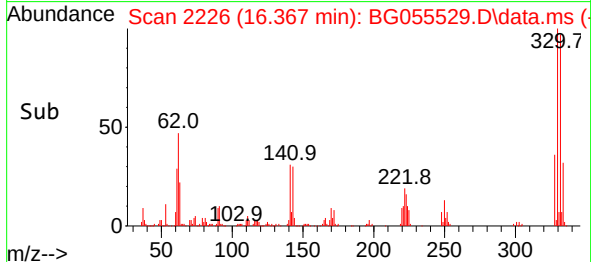
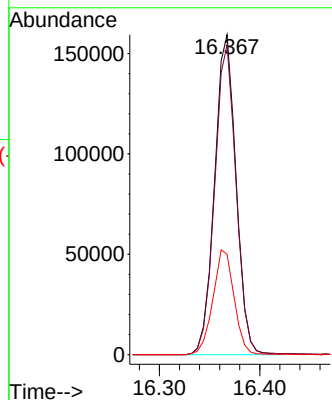
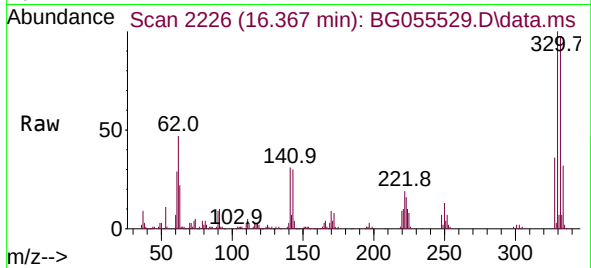




#42
2,4,6-Tribromophenol
Concen: 158.862 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

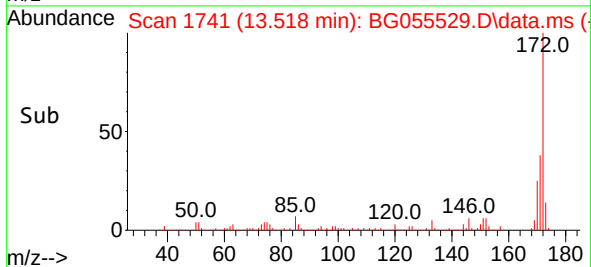
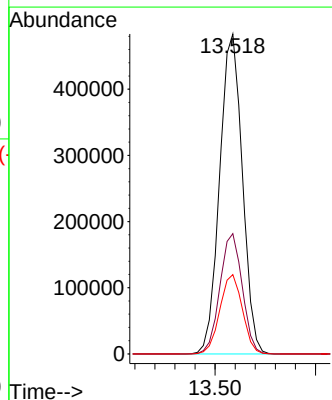
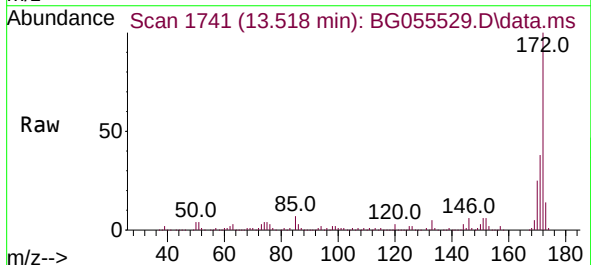
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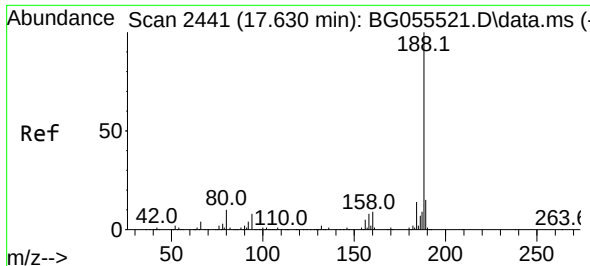
Tgt Ion:330 Resp: 237137
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 32.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 74.979 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion:172 Resp: 760478
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 24.8 19.8 29.6

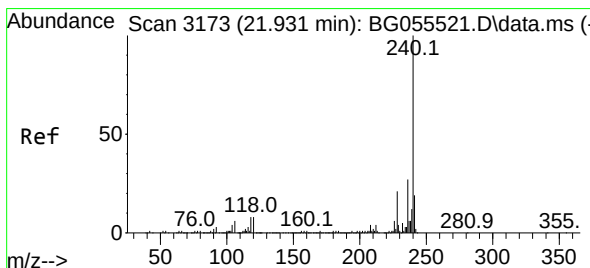
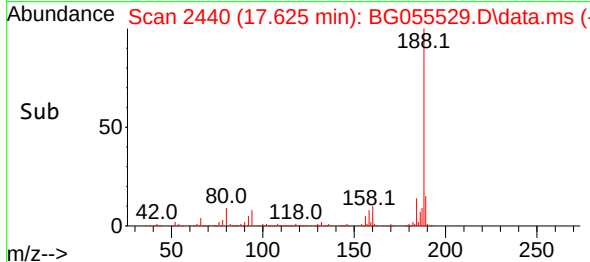
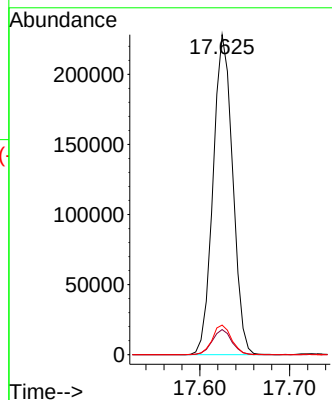
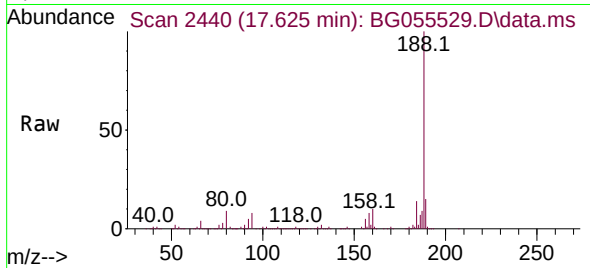




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

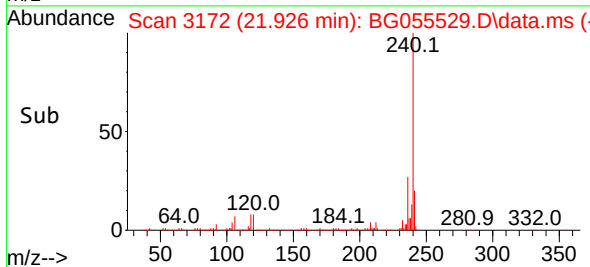
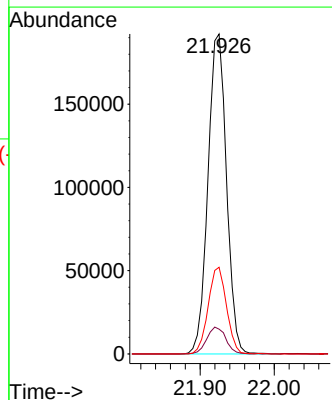
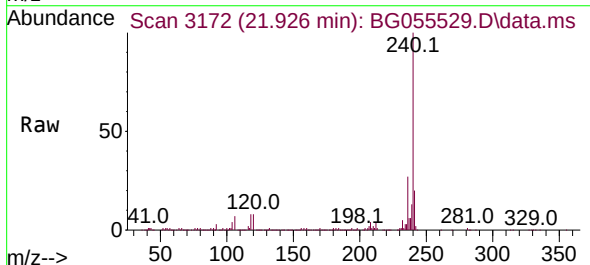
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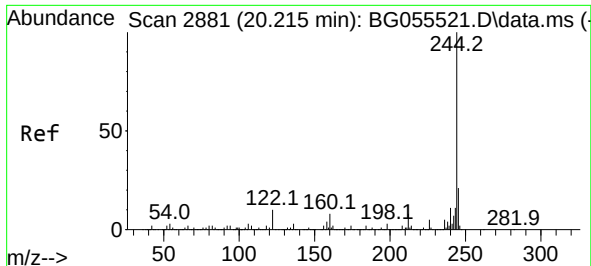
Tgt Ion:188 Resp: 346772
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion:240 Resp: 333321
Ion Ratio Lower Upper
240 100
120 7.7 6.1 9.1
236 27.1 21.4 32.0

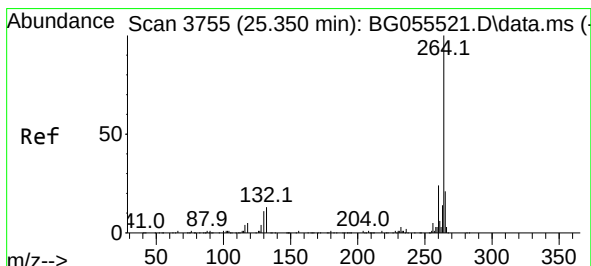
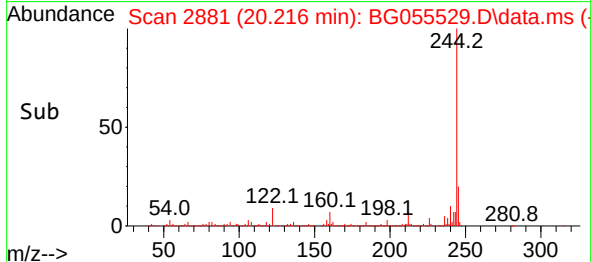
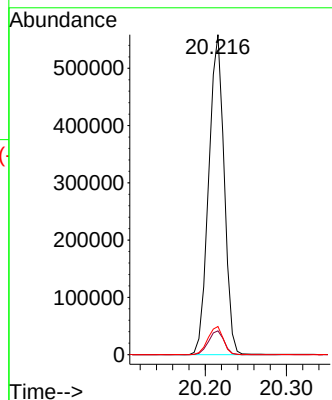
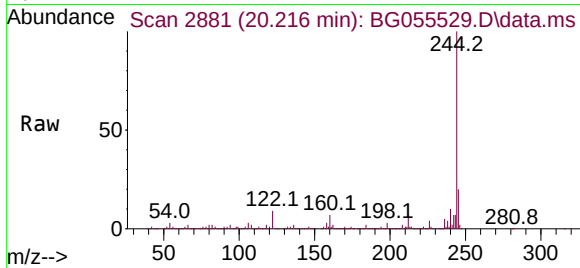




#79
 Terphenyl-d14
 Concen: 44.530 ng
 RT: 20.216 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG055529.D
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Tgt Ion:244 Resp: 738970
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.345 min Scan# 3754
 Delta R.T. -0.005 min
 Lab File: BG055529.D
 Acq: 9 Nov 2022 18:48

Tgt Ion:264 Resp: 352700
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.0 17.1 25.7

