

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055579.D
 Acq On : 11 Nov 2022 23:44
 Operator : CG/JU
 Sample : N5415-09RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-22RE

Quant Time: Nov 12 00:55:48 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)

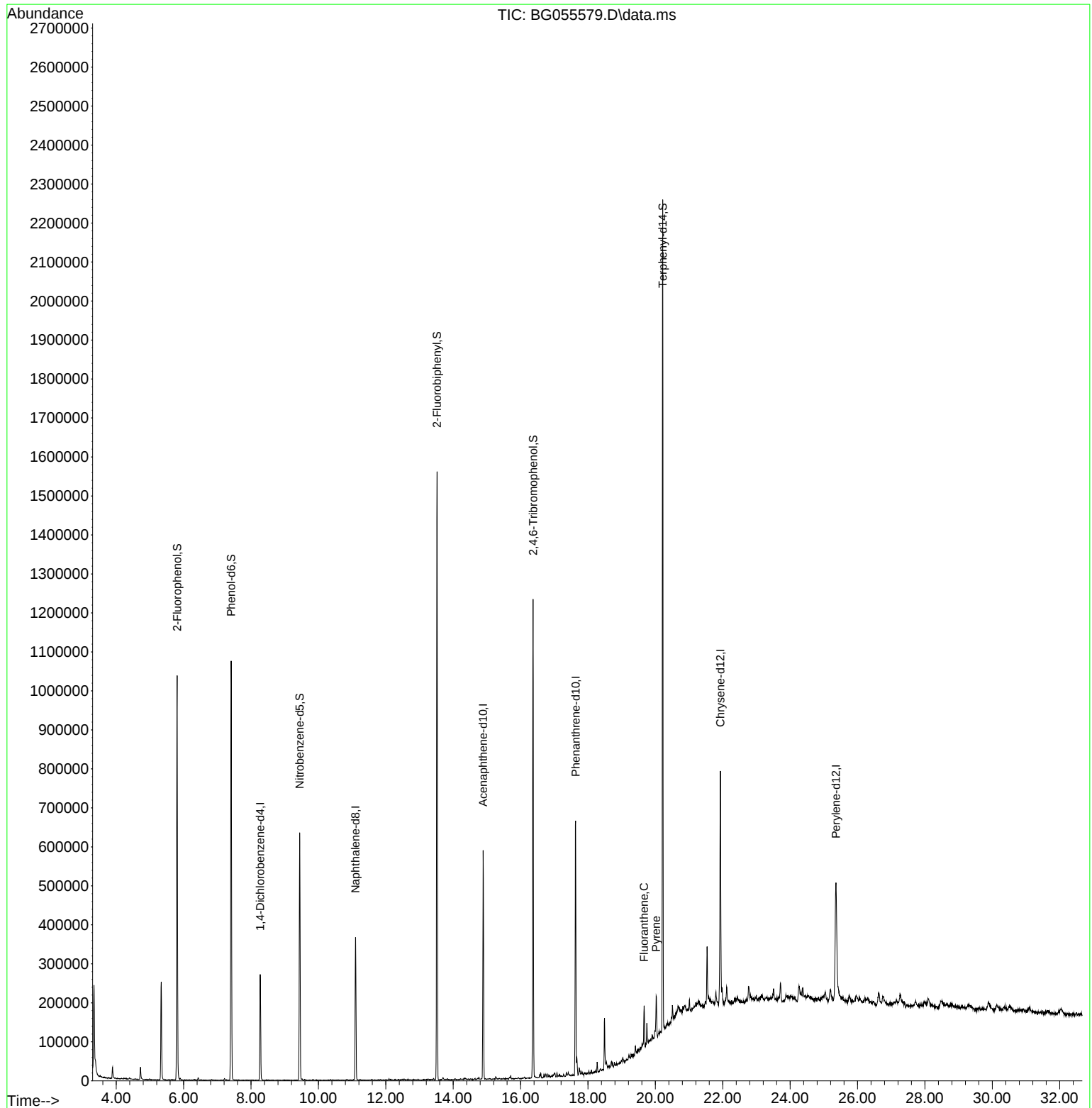
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	78414	20.000	ng	0.00
21) Naphthalene-d8	11.100	136	314797	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	204453	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	423351	20.000	ng	0.00
76) Chrysene-d12	21.928	240	374754	20.000	ng	0.00
86) Perylene-d12	25.359	264	397970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.806	112	450457	109.419	ng	0.01
7) Phenol-d6	7.410	99	588136	103.423	ng	0.00
23) Nitrobenzene-d5	9.443	82	375032	80.763	ng	0.00
42) 2,4,6-Tribromophenol	16.370	330	246190	123.412	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	804234	59.334	ng	0.00
79) Terphenyl-d14	20.218	244	1078139	57.785	ng	0.00
Target Compounds						
75) Fluoranthene	19.666	202	62088	2.288	ng	99
78) Pyrene	20.025	202	60723	2.394	ng	98

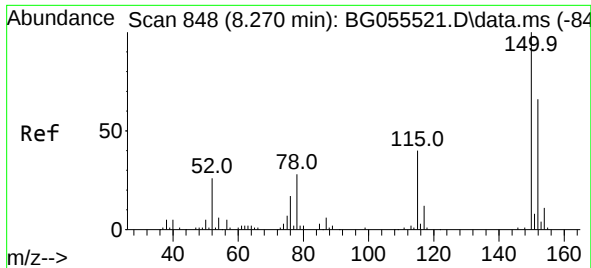
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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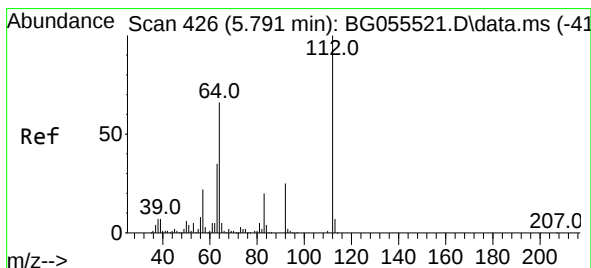
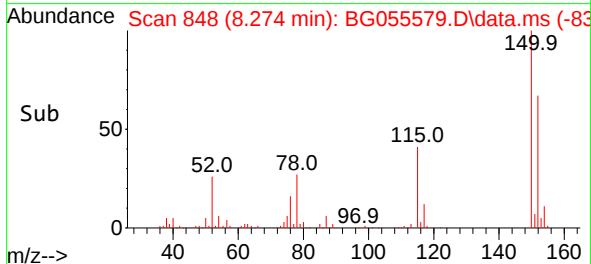
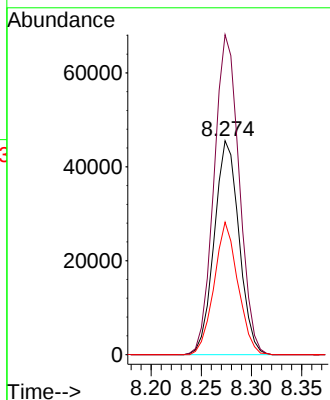
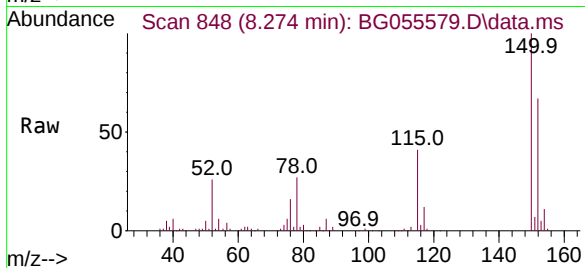




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.274 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

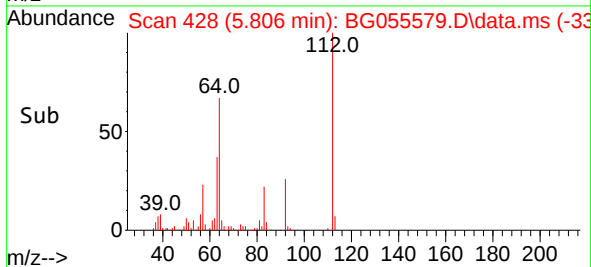
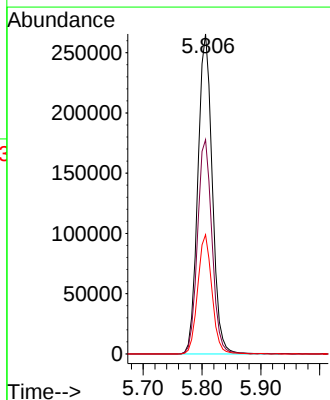
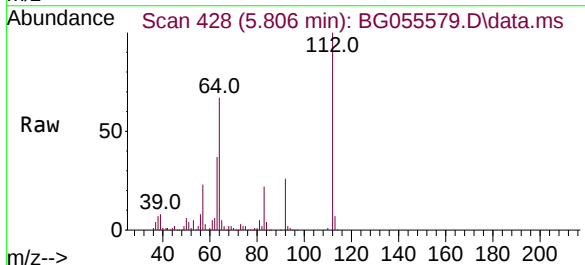
Instrument :
BNA_G
ClientSampleId :
R-22RE

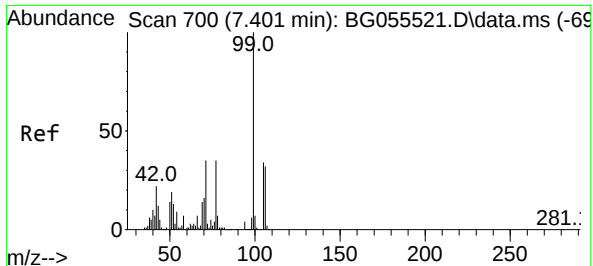
Tgt Ion:152 Resp: 78414
Ion Ratio Lower Upper
152 100
150 149.7 121.0 181.4
115 62.0 47.8 71.8



#5
2-Fluorophenol
Concen: 109.419 ng
RT: 5.806 min Scan# 428
Delta R.T. 0.015 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:112 Resp: 450457
Ion Ratio Lower Upper
112 100
64 66.9 52.6 78.8
63 37.2 28.3 42.5





#7
Phenol-d6
Concen: 103.423 ng
RT: 7.410 min Scan# 700
Delta R.T. 0.009 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

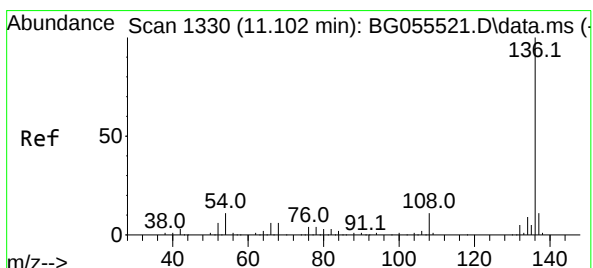
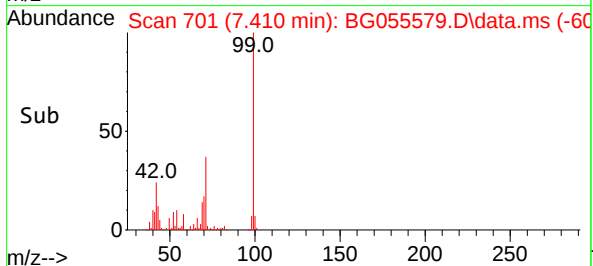
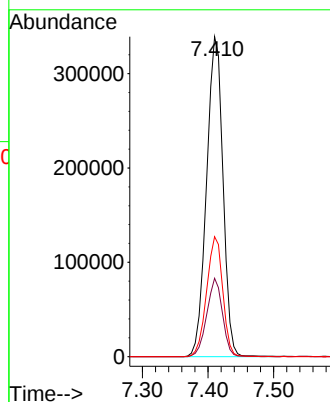
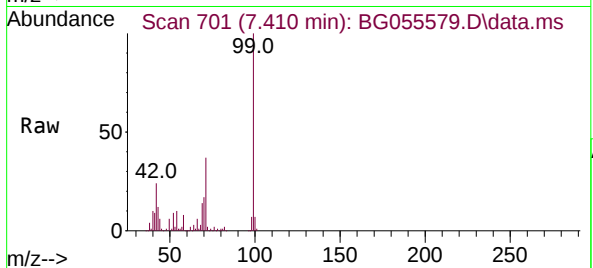
Instrument :

BNA_G

ClientSampleId :

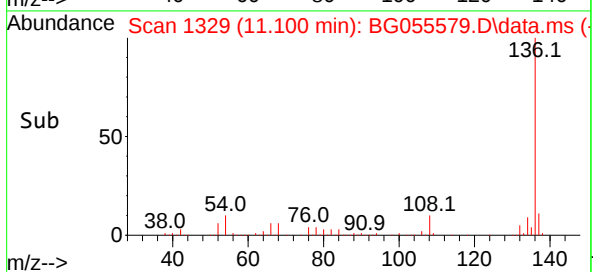
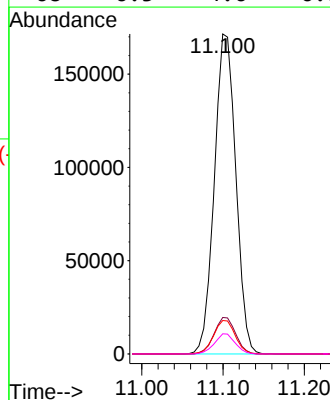
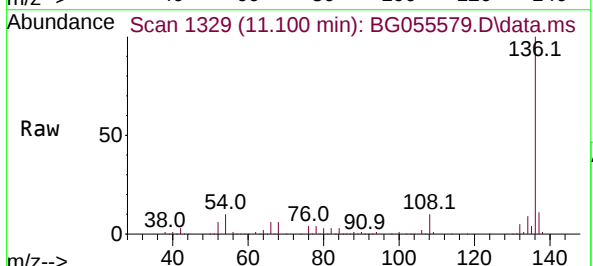
R-22RE

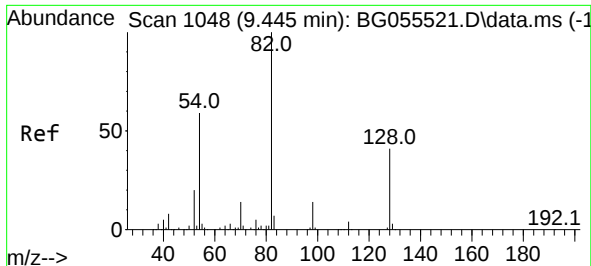
Tgt Ion: 99 Resp: 588136
Ion Ratio Lower Upper
99 100
42 24.5 17.5 26.3
71 37.5 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.100 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion: 136 Resp: 314797
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.4 8.6 12.8
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 80.763 ng

RT: 9.443 min Scan# 1047

Delta R.T. -0.002 min

Lab File: BG055579.D

Acq: 11 Nov 2022 23:44

Instrument :

BNA_G

ClientSampleId :

R-22RE

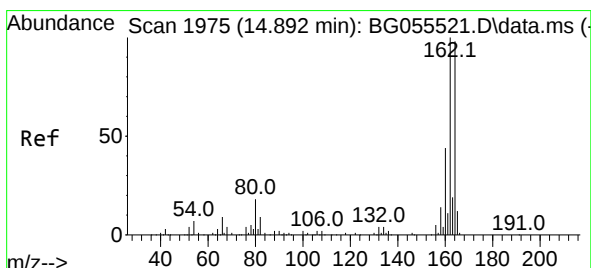
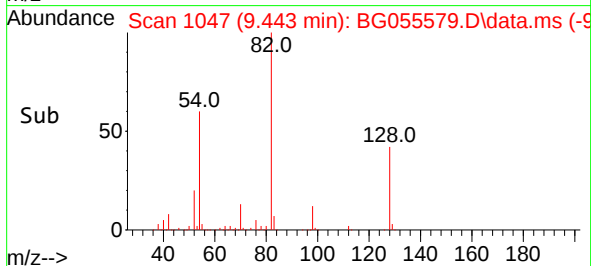
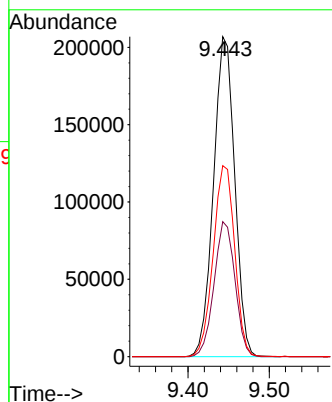
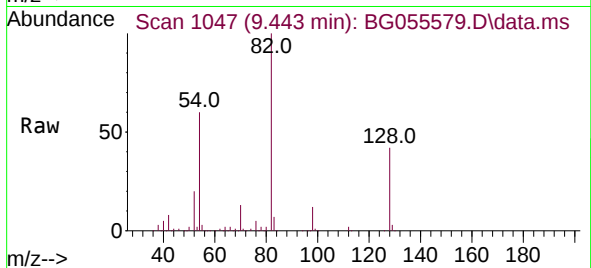
Tgt Ion: 82 Resp: 375032

Ion Ratio Lower Upper

82 100

128 42.2 32.6 49.0

54 59.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.889 min Scan# 1974

Delta R.T. -0.003 min

Lab File: BG055579.D

Acq: 11 Nov 2022 23:44

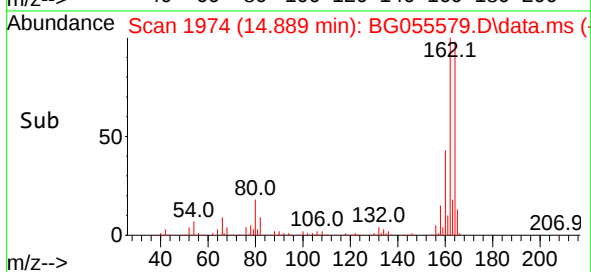
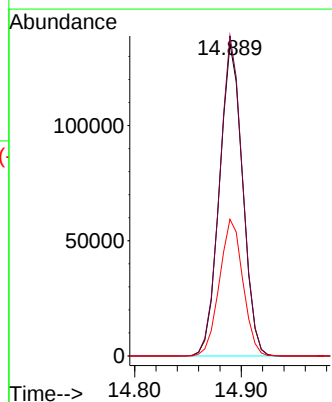
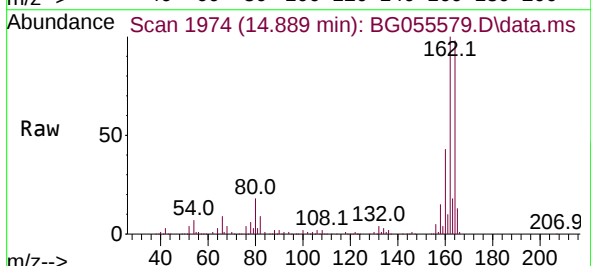
Tgt Ion: 164 Resp: 204453

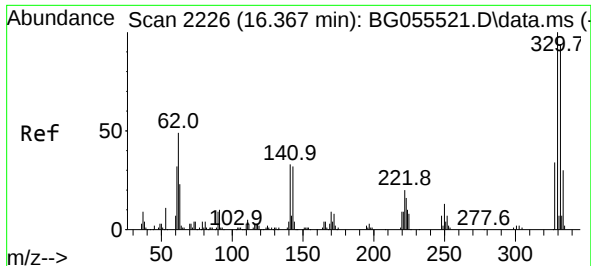
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 43.7 35.9 53.9

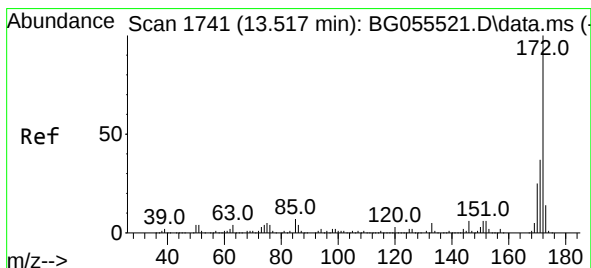
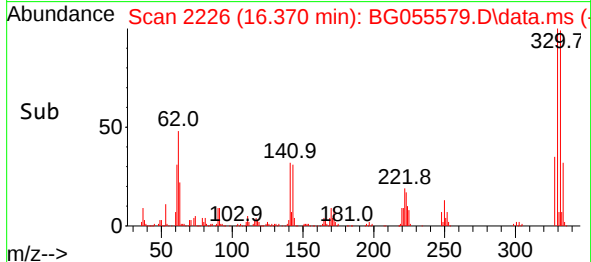
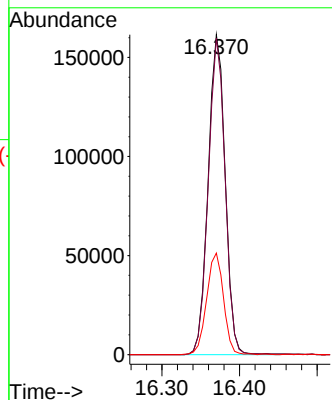
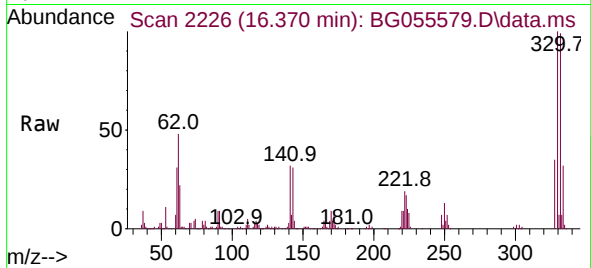




#42
 2,4,6-Tribromophenol
 Concen: 123.412 ng
 RT: 16.370 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055579.D
 Acq: 11 Nov 2022 23:44

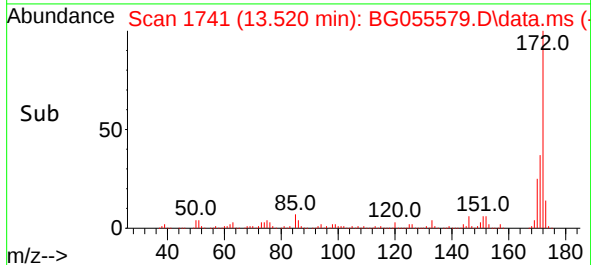
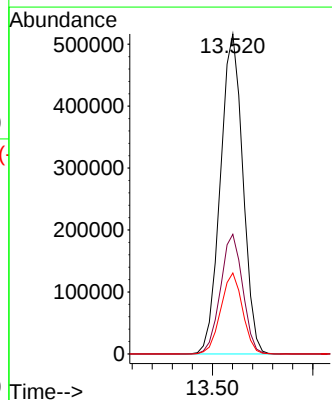
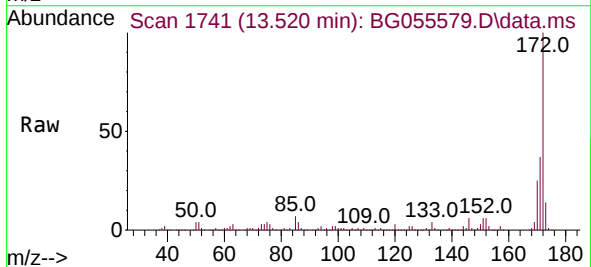
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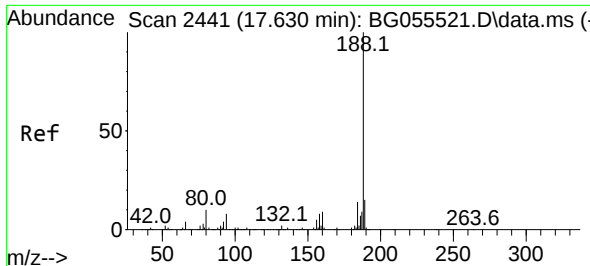
Tgt Ion:330 Resp: 246190
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 31.4 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 59.334 ng
 RT: 13.520 min Scan# 1741
 Delta R.T. 0.003 min
 Lab File: BG055579.D
 Acq: 11 Nov 2022 23:44

Tgt Ion:172 Resp: 804234
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 25.3 19.8 29.6

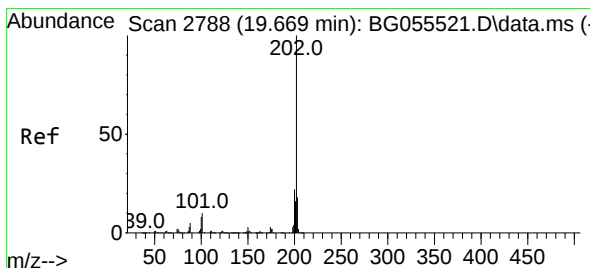
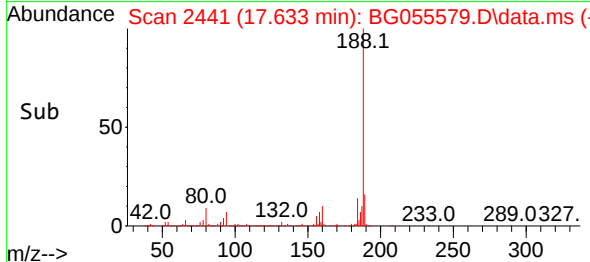
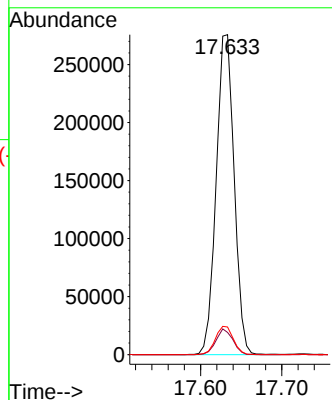
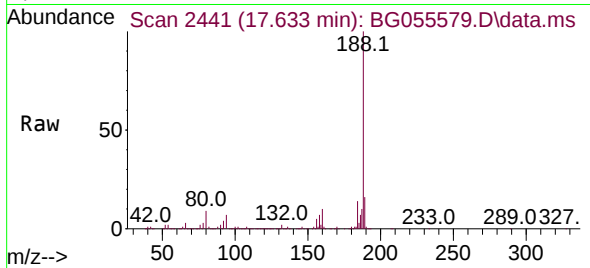




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.633 min Scan# 2441
Delta R.T. 0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

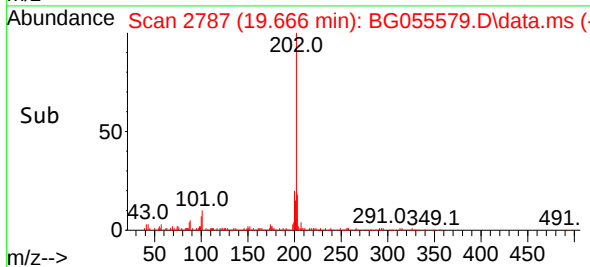
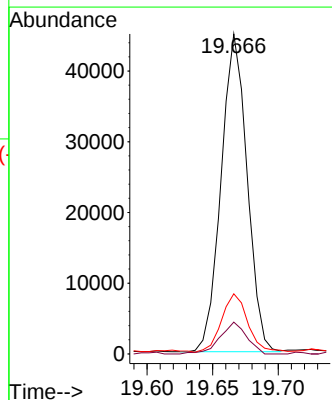
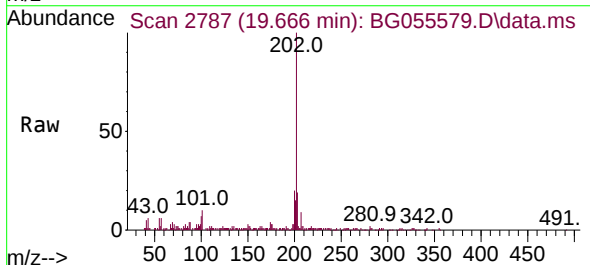
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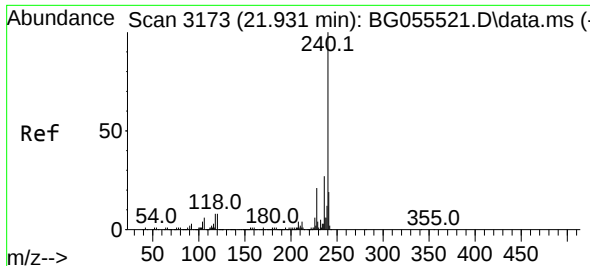
Tgt Ion:188 Resp: 423351
Ion Ratio Lower Upper
188 100
94 6.9 6.4 9.6
80 8.6 7.6 11.4



#75
Fluoranthene
Concen: 2.288 ng
RT: 19.666 min Scan# 2787
Delta R.T. -0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:202 Resp: 62088
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.8
203 18.8 0.0 38.2

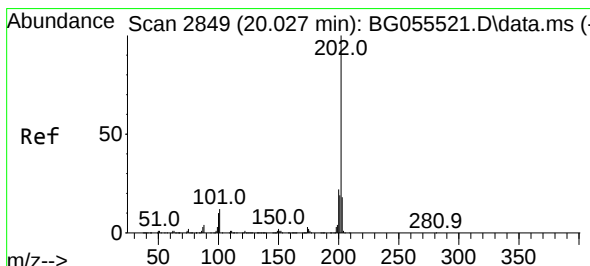
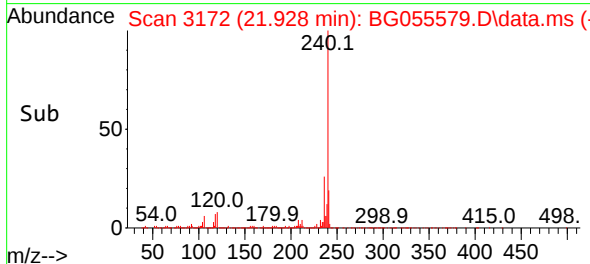
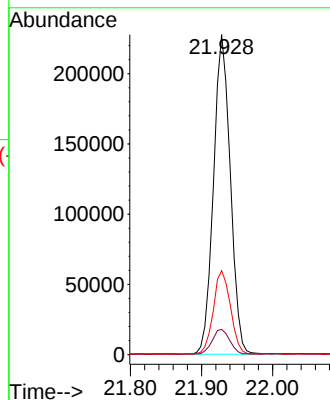
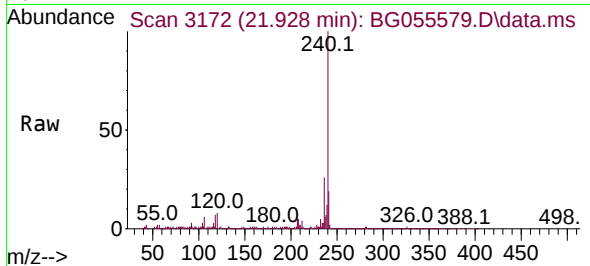




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

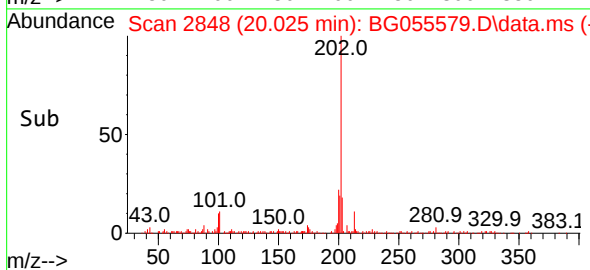
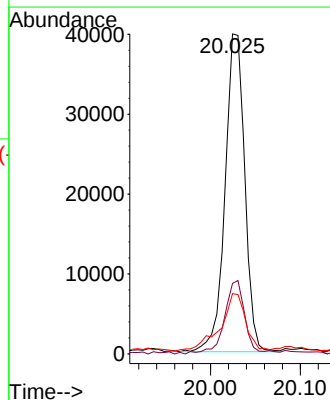
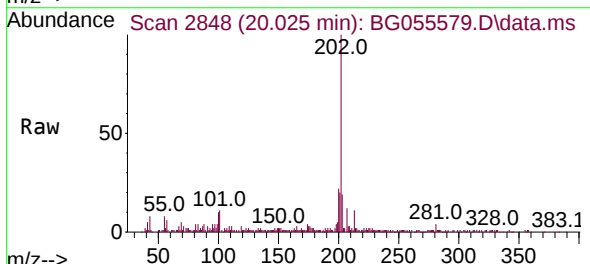
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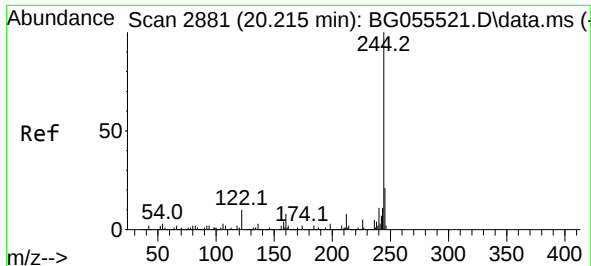
Tgt Ion:240 Resp: 374754
Ion Ratio Lower Upper
240 100
120 7.9 6.1 9.1
236 26.2 21.4 32.0



#78
Pyrene
Concen: 2.394 ng
RT: 20.025 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:202 Resp: 60723
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.8 14.2 21.2

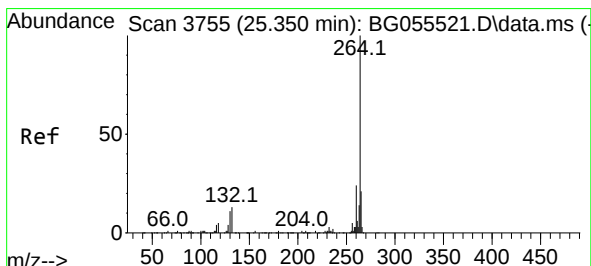
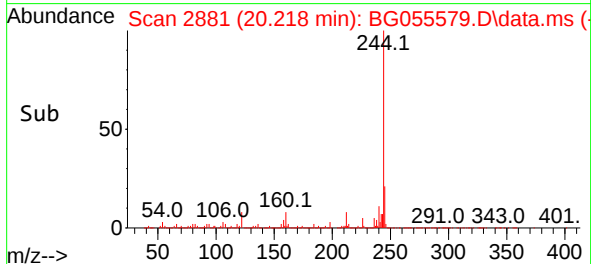
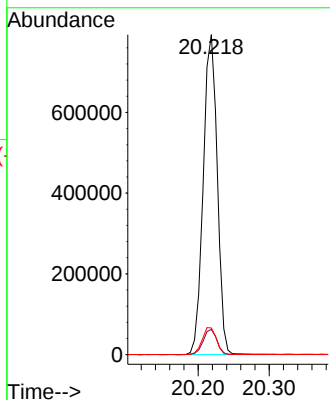
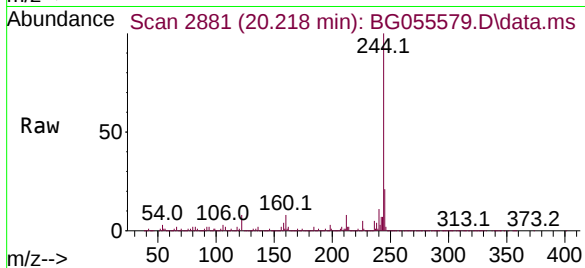




#79
 Terphenyl-d14
 Concen: 57.785 ng
 RT: 20.218 min Scan# 2881
 Delta R.T. 0.003 min
 Lab File: BG055579.D
 Acq: 11 Nov 2022 23:44

Instrument :
 BNA_G
 ClientSampleId :
 R-22RE

Tgt Ion:244 Resp: 1078139
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.3 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.359 min Scan# 3756
 Delta R.T. 0.009 min
 Lab File: BG055579.D
 Acq: 11 Nov 2022 23:44

Tgt Ion:264 Resp: 397970
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.5 17.1 25.7

