

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055488.D
 Acq On : 7 Nov 2022 22:14
 Operator : CG/JU
 Sample : N5415-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-29

Quant Time: Nov 08 03:54:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 03:46:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	22687	20.000	ng	0.00
21) Naphthalene-d8	10.909	136	99853	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	76166	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	190234	20.000	ng	0.00
76) Chrysene-d12	21.720	240	198717	20.000	ng	0.00
86) Perylene-d12	24.981	264	218815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	191719	151.760	ng	0.00
7) Phenol-d6	7.243	99	251744	143.699	ng	0.00
23) Nitrobenzene-d5	9.258	82	140328	74.898	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	167778	161.492	ng	0.00
45) 2-Fluorobiphenyl	13.347	172	442774	86.191	ng	0.00
79) Terphenyl-d14	20.051	244	903991	88.460	ng	0.00

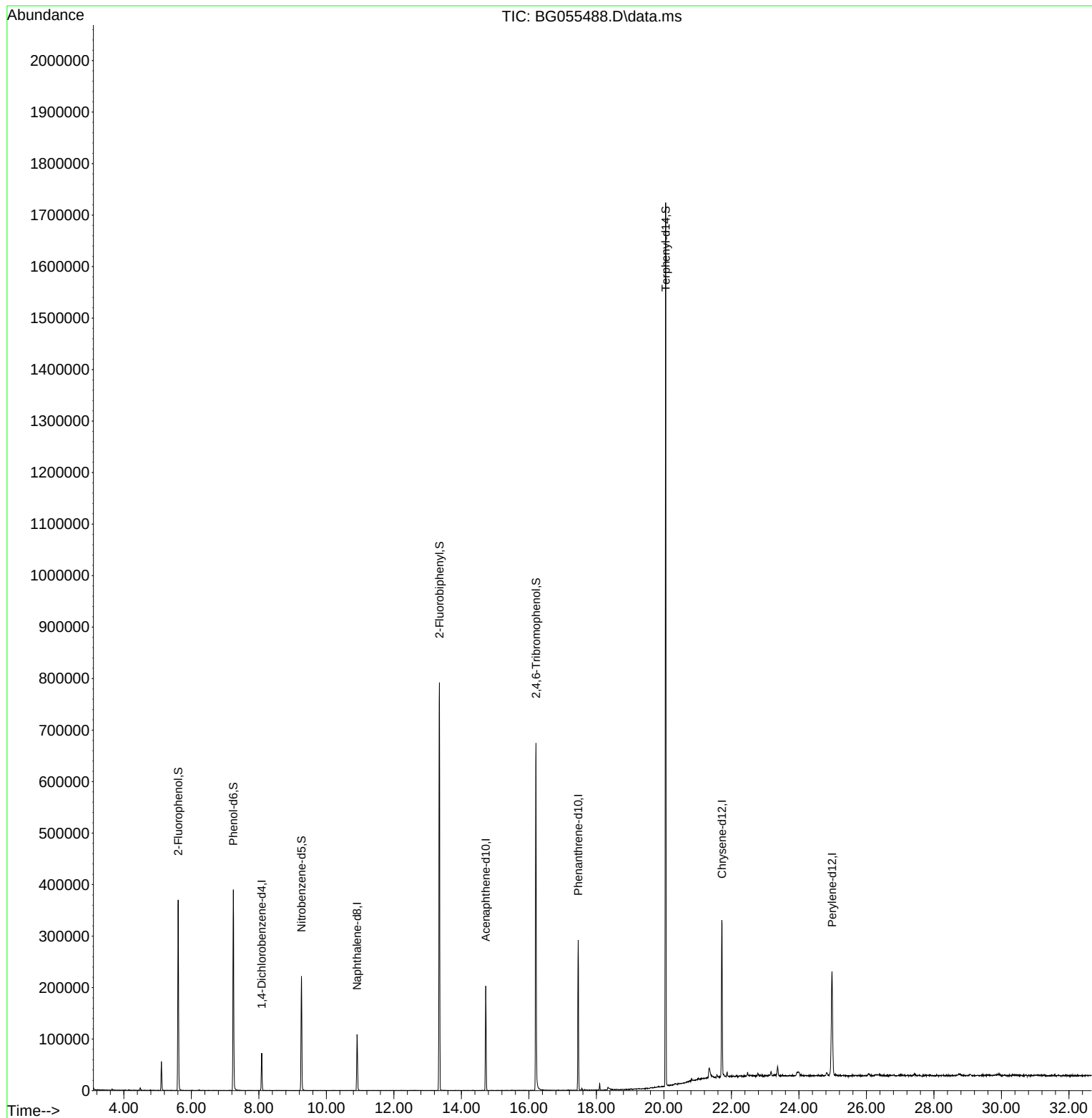
Target Compounds	Qvalue

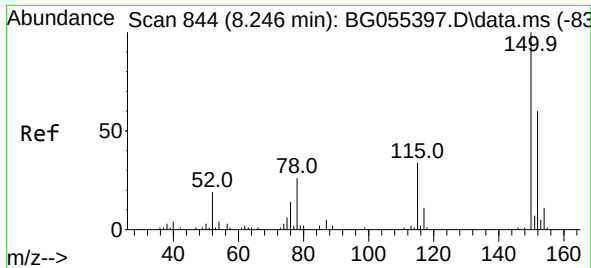
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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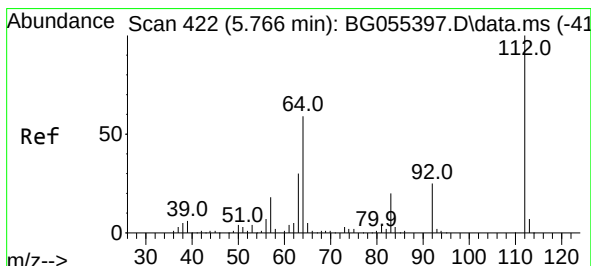
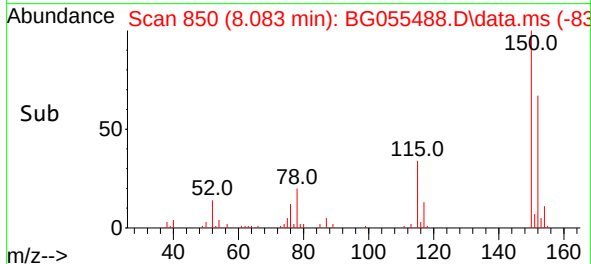
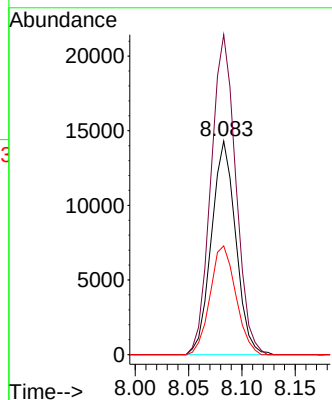
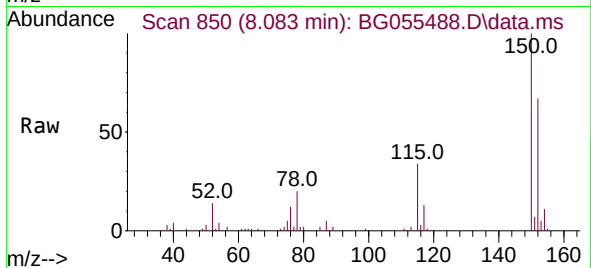




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 844
Delta R.T. 0.001 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

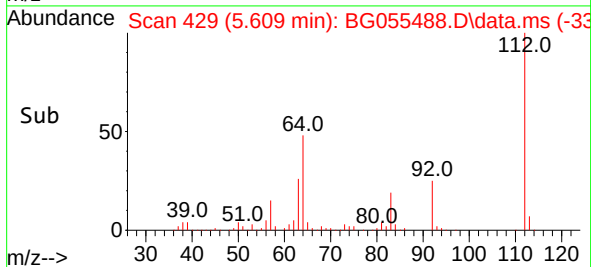
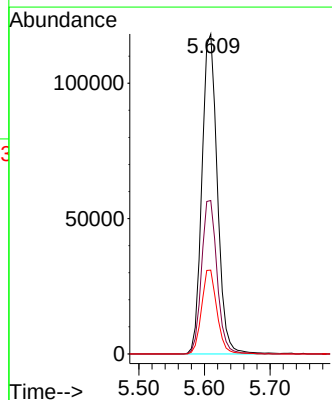
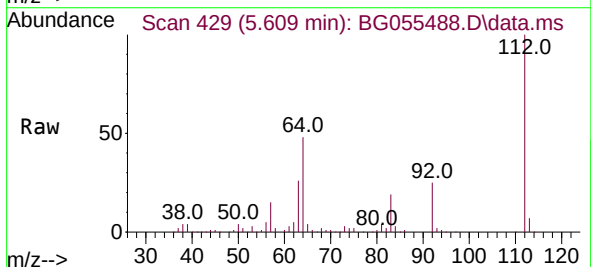
Instrument :
BNA_G
ClientSampleId :
R-29

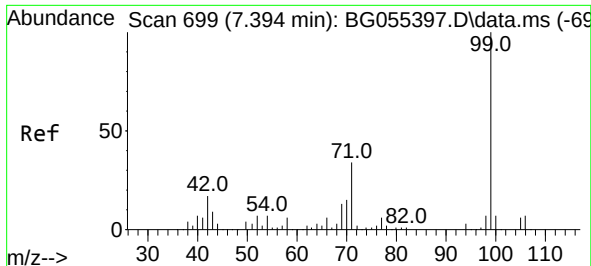
Tgt Ion:152 Resp: 22687
Ion Ratio Lower Upper
152 100
150 149.8 132.8 199.2
115 50.9 45.1 67.7



#5
2-Fluorophenol
Concen: 151.760 ng
RT: 5.609 min Scan# 429
Delta R.T. 0.000 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Tgt Ion:112 Resp: 191719
Ion Ratio Lower Upper
112 100
64 48.0 47.2 70.8
63 26.2 24.3 36.5

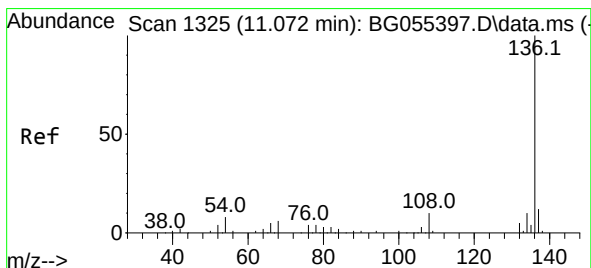
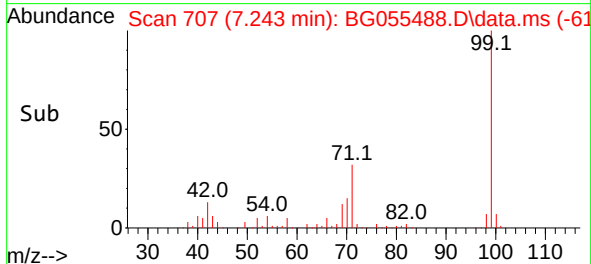
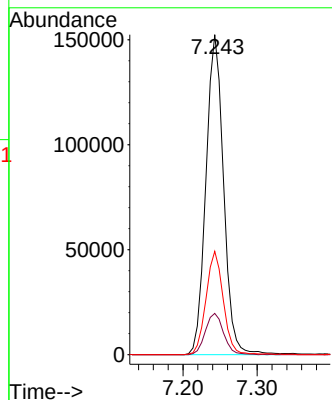
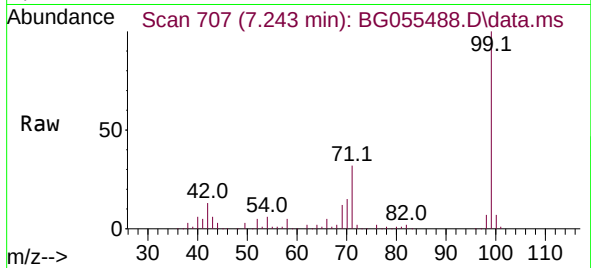




#7
Phenol-d6
Concen: 143.699 ng
RT: 7.243 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

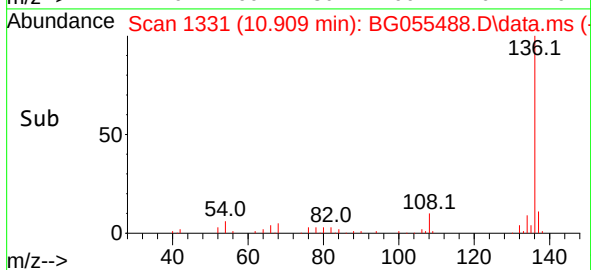
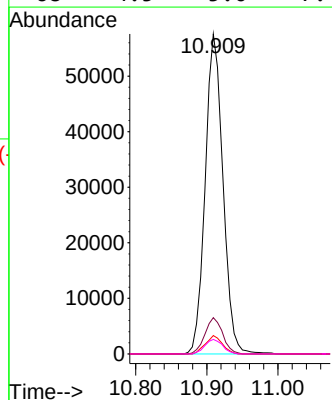
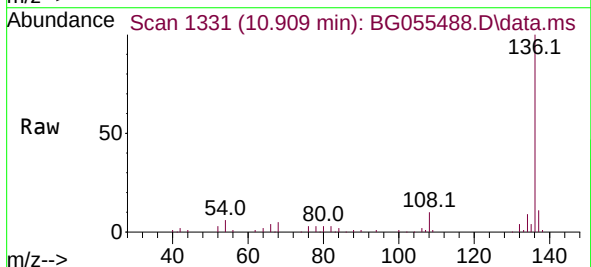
Instrument :
BNA_G
ClientSampleId :
R-29

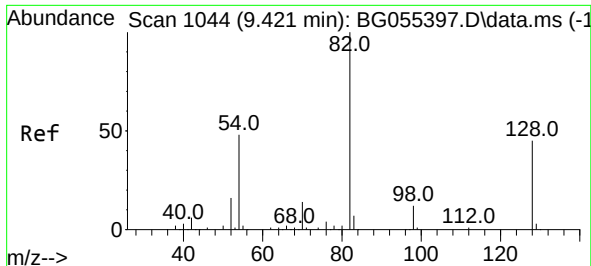
Tgt Ion: 99 Resp: 251744
Ion Ratio Lower Upper
99 100
42 12.9 13.5 20.3#
71 32.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.909 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Tgt Ion:136 Resp: 99853
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 5.8 6.1 9.1#
68 4.5 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 74.898 ng

RT: 9.258 min Scan# 1044

Delta R.T. -0.005 min

Lab File: BG055488.D

Acq: 7 Nov 2022 22:14

Instrument :

BNA_G

ClientSampleId :

R-29

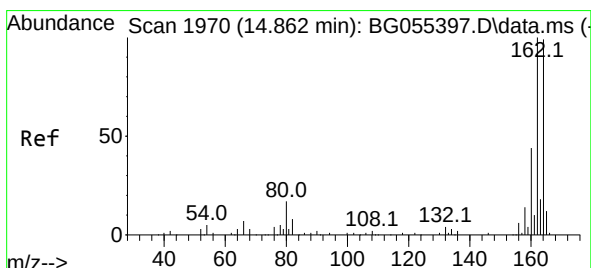
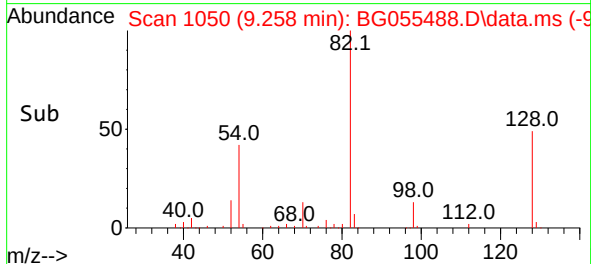
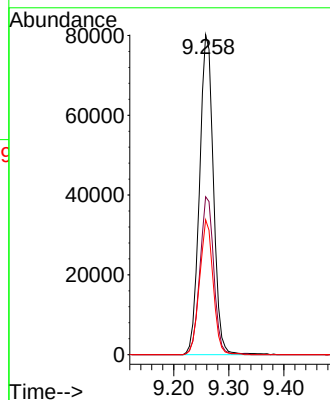
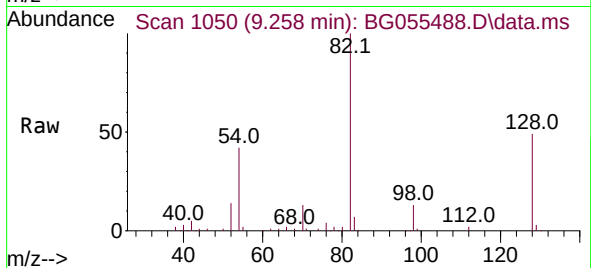
Tgt Ion: 82 Resp: 140328

Ion Ratio Lower Upper

82 100

128 49.3 35.8 53.8

54 42.1 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1980

Delta R.T. -0.005 min

Lab File: BG055488.D

Acq: 7 Nov 2022 22:14

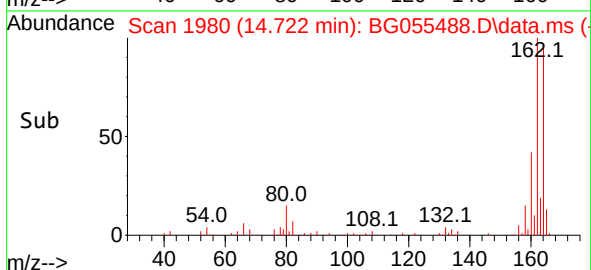
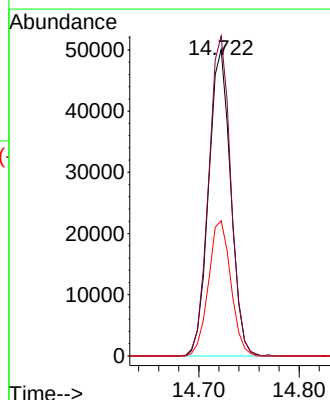
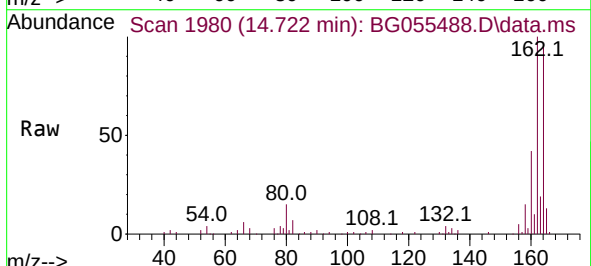
Tgt Ion:164 Resp: 76166

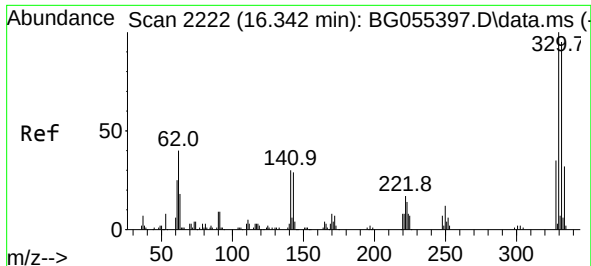
Ion Ratio Lower Upper

164 100

162 104.5 81.1 121.7

160 44.1 35.8 53.6

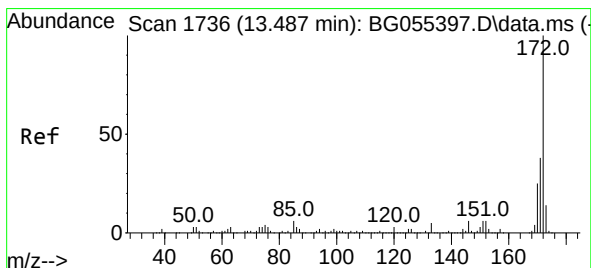
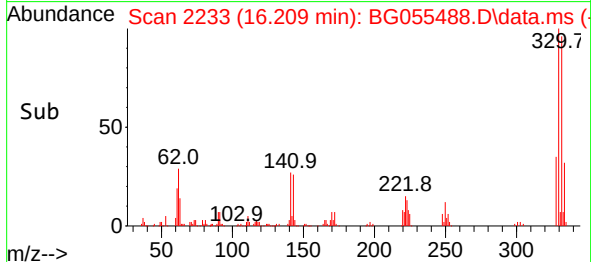
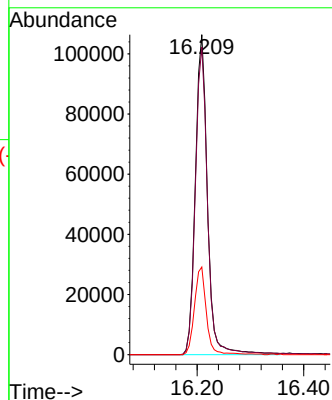
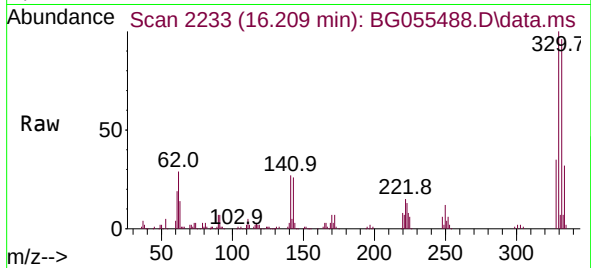




#42
2,4,6-Tribromophenol
Concen: 161.492 ng
RT: 16.209 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

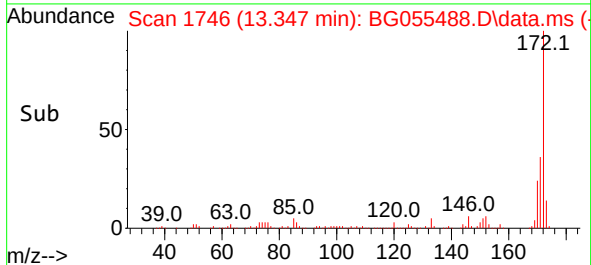
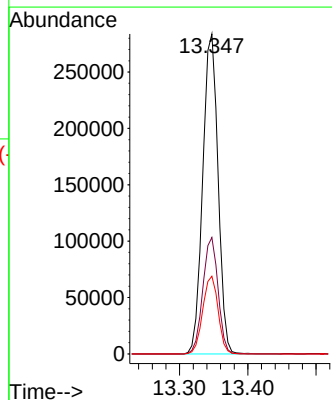
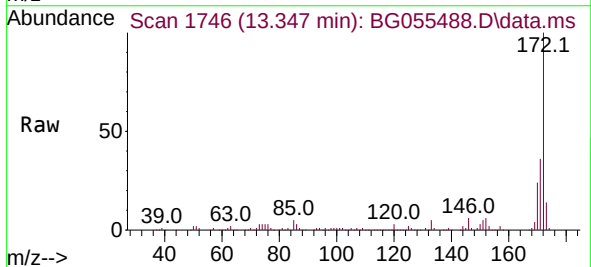
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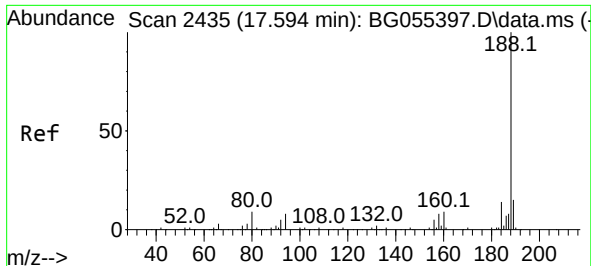
Tgt Ion:330 Resp: 167778
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 26.7 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 86.191 ng
RT: 13.347 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Tgt Ion:172 Resp: 442774
Ion Ratio Lower Upper
172 100
171 36.4 30.2 45.2
170 24.3 20.2 30.2

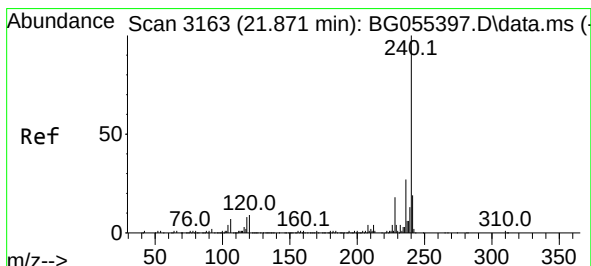
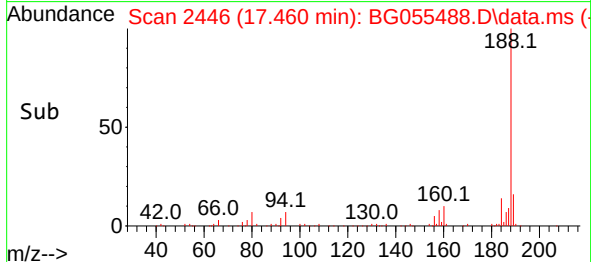
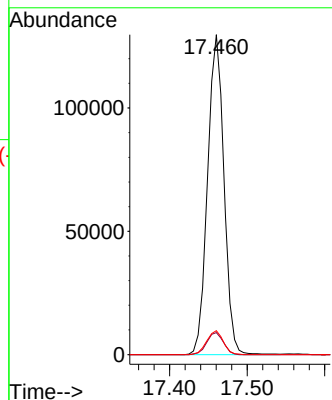
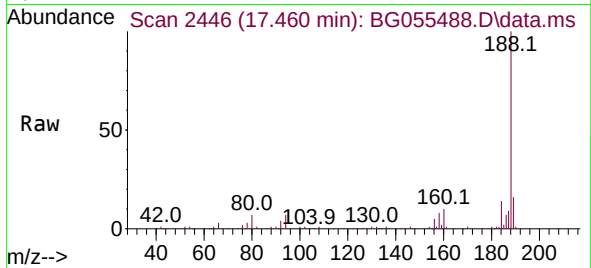




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

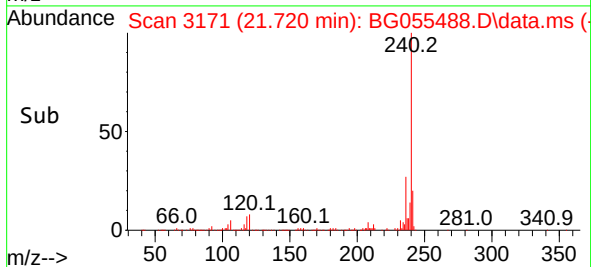
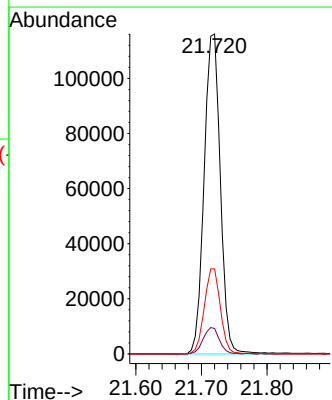
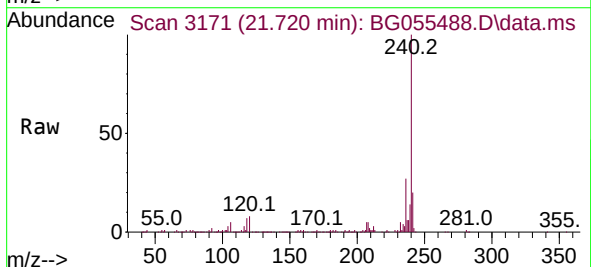
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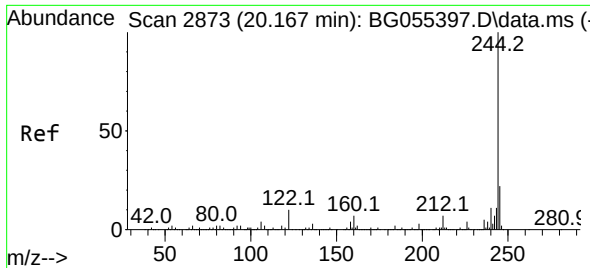
Tgt Ion:188 Resp: 190234
Ion Ratio Lower Upper
188 100
94 6.9 6.5 9.7
80 7.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.720 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Tgt Ion:240 Resp: 198717
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.6 21.5 32.3

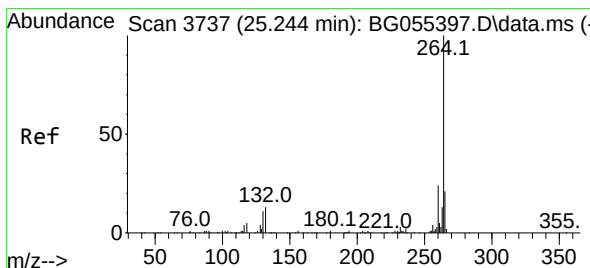
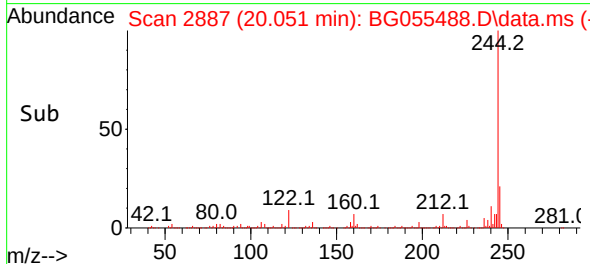
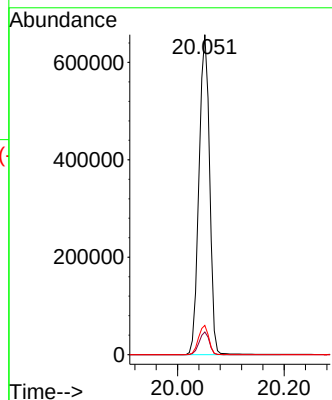
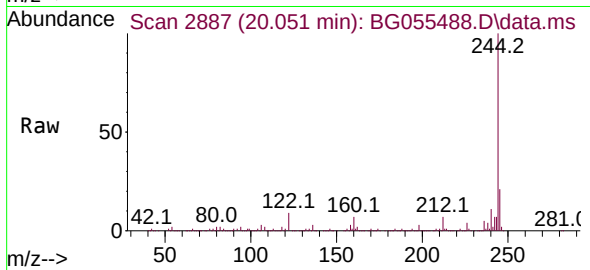




#79
 Terphenyl-d14
 Concen: 88.460 ng
 RT: 20.051 min Scan# 2873
 Delta R.T. 0.000 min
 Lab File: BG055488.D
 Acq: 7 Nov 2022 22:14

Instrument :
 BNA_G
 ClientSampleId :
 R-29

Tgt Ion:244 Resp: 903991
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.1 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.981 min Scan# 3726
 Delta R.T. -0.005 min
 Lab File: BG055488.D
 Acq: 7 Nov 2022 22:14

Tgt Ion:264 Resp: 218815
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.0 17.1 25.7

