

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055487.D
 Acq On : 7 Nov 2022 21:32
 Operator : CG/JU
 Sample : N5415-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-28

Quant Time: Nov 08 03:53:50 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	8.084	152	22794	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	100468	20.000	ng	# 0.00
39) Acenaphthene-d10	14.723	164	78348	20.000	ng	0.00
64) Phenanthrene-d10	17.461	188	197978	20.000	ng	0.00
76) Chrysene-d12	21.715	240	198868	20.000	ng	-0.01
86) Perylene-d12	24.982	264	221871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	129167	101.766	ng	0.00
7) Phenol-d6	7.244	99	166924	94.835	ng	0.00
23) Nitrobenzene-d5	9.259	82	95316	50.562	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	113075	105.808	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	301771	57.107	ng	0.00
79) Terphenyl-d14	20.052	244	617850	60.414	ng	0.00

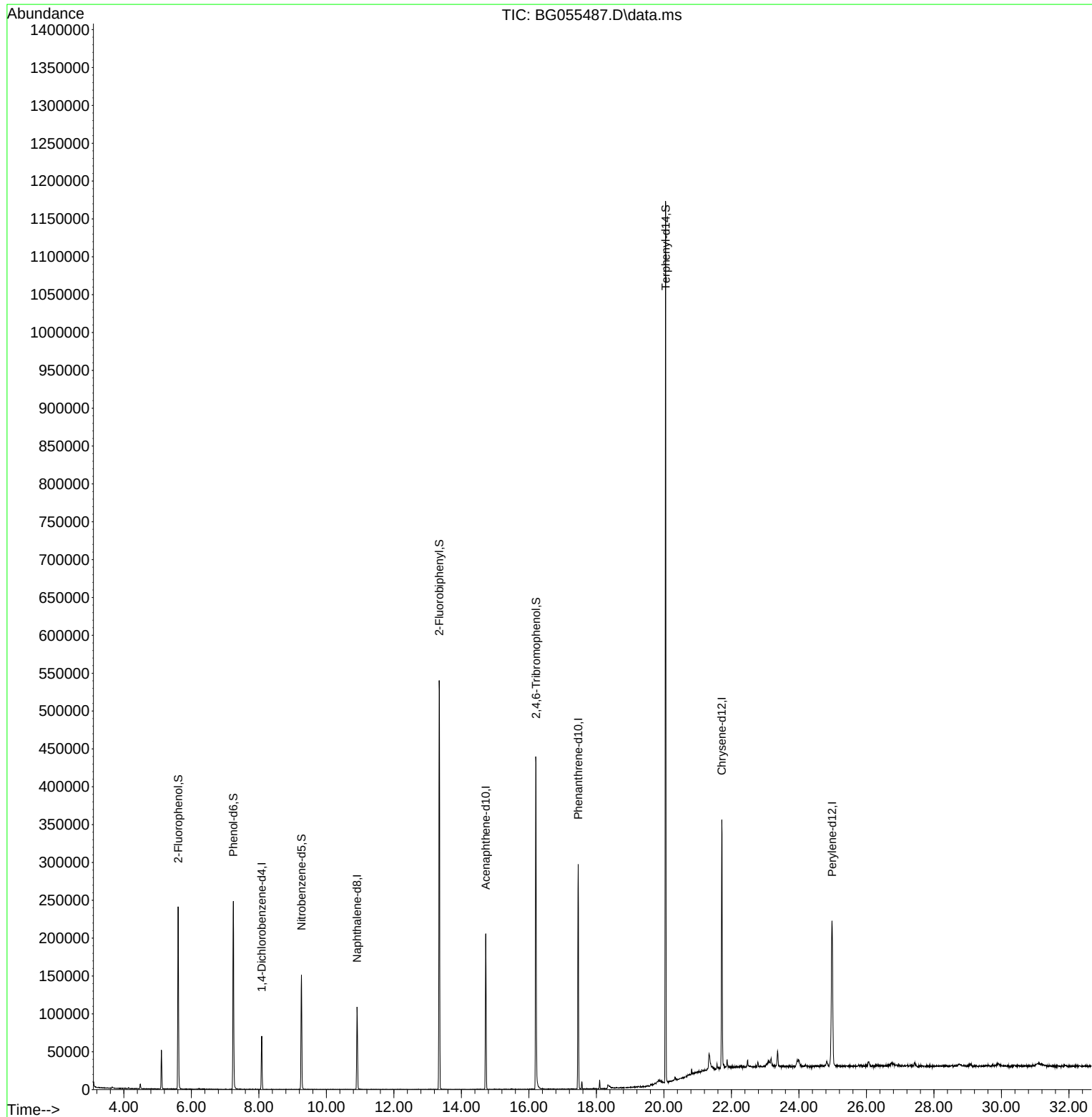
Target Compounds	Qvalue

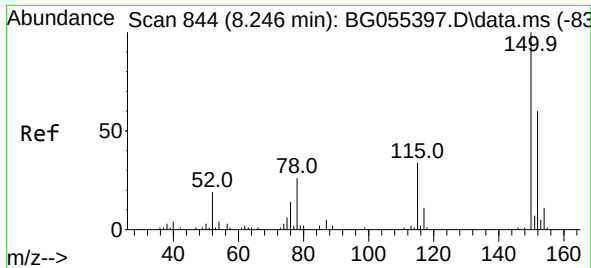
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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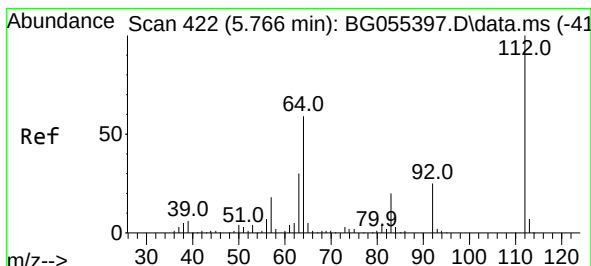
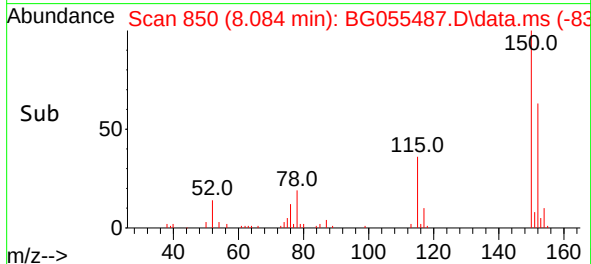
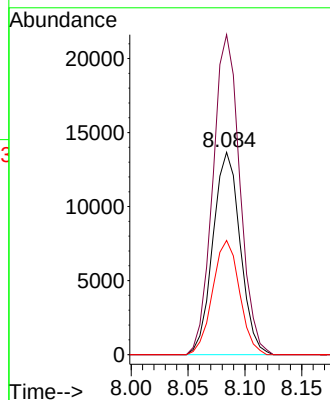
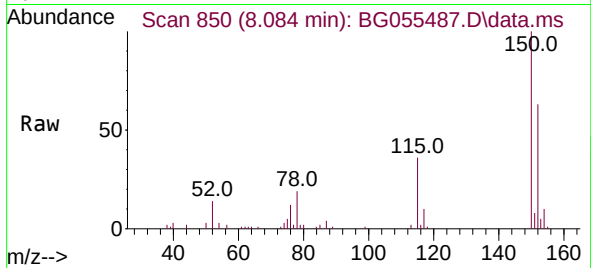




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 844
Delta R.T. 0.002 min
Lab File: BG055487.D
Acq: 7 Nov 2022 21:32

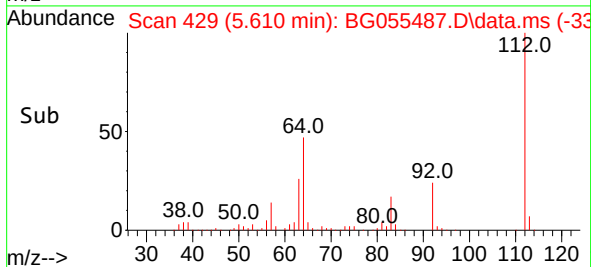
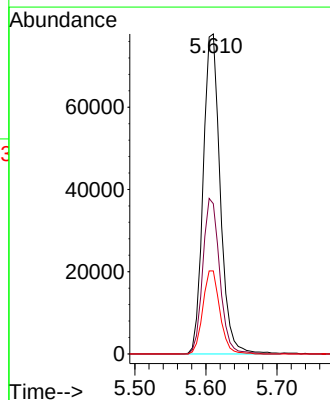
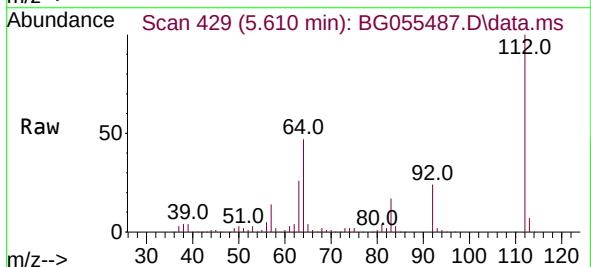
Instrument :
BNA_G
ClientSampleId :
R-28

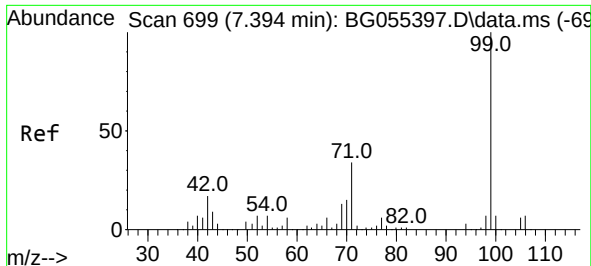
Tgt Ion:152 Resp: 22794
Ion Ratio Lower Upper
152 100
150 158.1 132.8 199.2
115 56.4 45.1 67.7



#5
2-Fluorophenol
Concen: 101.766 ng
RT: 5.610 min Scan# 429
Delta R.T. 0.001 min
Lab File: BG055487.D
Acq: 7 Nov 2022 21:32

Tgt Ion:112 Resp: 129167
Ion Ratio Lower Upper
112 100
64 46.9 47.2 70.8#
63 25.9 24.3 36.5





#7

Phenol-d6

Concen: 94.835 ng

RT: 7.244 min Scan# 70

Delta R.T. 0.001 min

Lab File: BG055487.D

Acq: 7 Nov 2022 21:32

Instrument :

BNA_G

ClientSampleId :

R-28

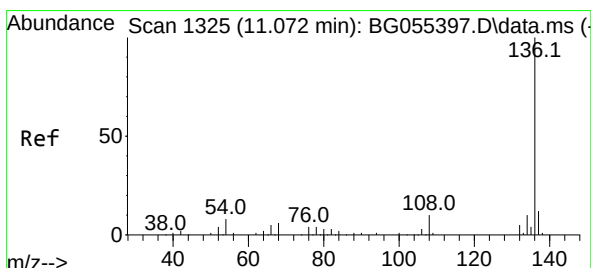
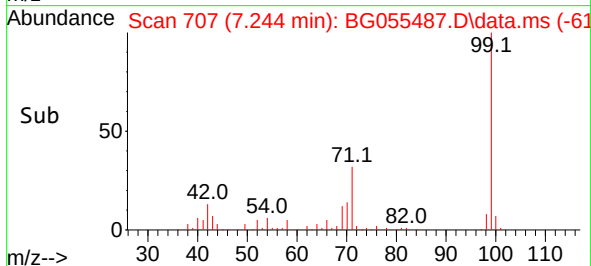
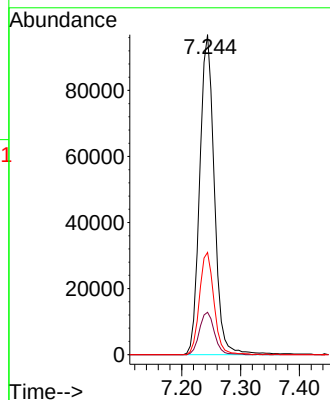
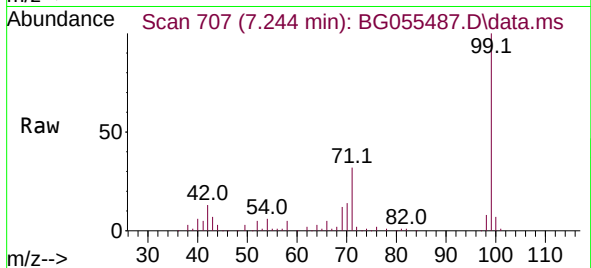
Tgt Ion: 99 Resp: 166924

Ion Ratio Lower Upper

99 100

42 13.2 13.5 20.3#

71 32.0 27.4 41.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.910 min Scan# 1331

Delta R.T. -0.004 min

Lab File: BG055487.D

Acq: 7 Nov 2022 21:32

Tgt Ion:136 Resp: 100468

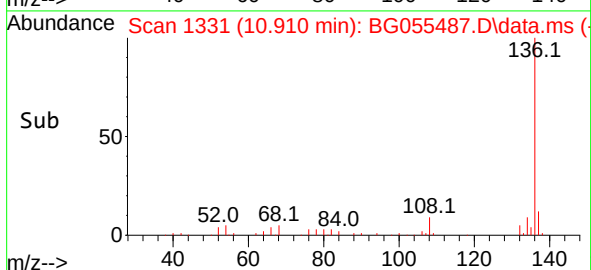
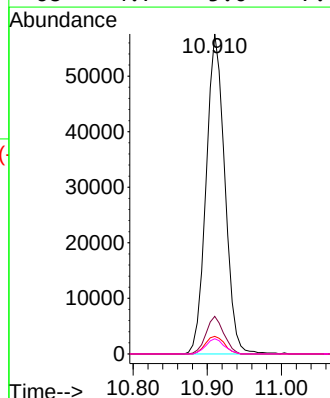
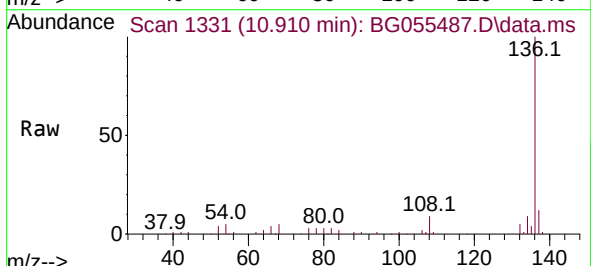
Ion Ratio Lower Upper

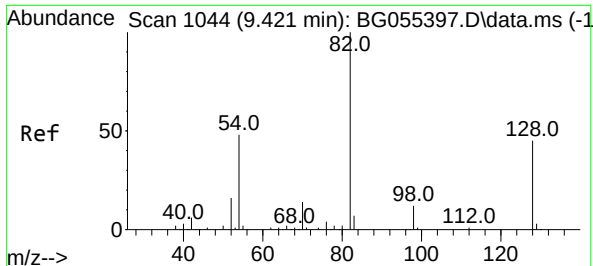
136 100

137 11.7 9.4 14.2

54 5.9 6.1 9.1#

68 4.7 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 50.562 ng

RT: 9.259 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG055487.D

Acq: 7 Nov 2022 21:32

Instrument :

BNA_G

ClientSampleId :

R-28

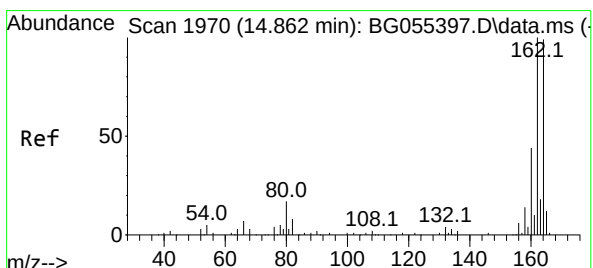
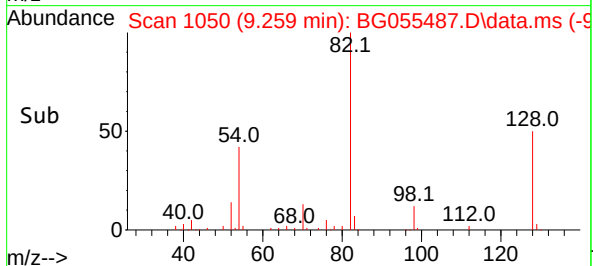
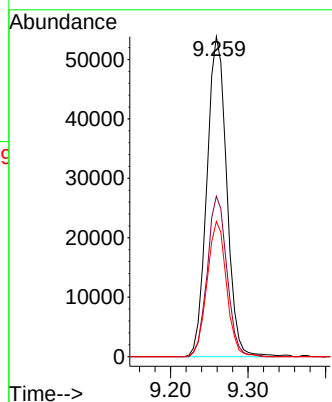
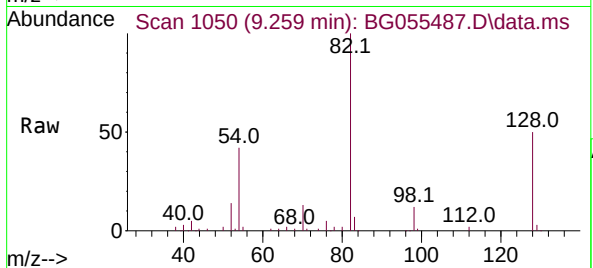
Tgt Ion: 82 Resp: 95316

Ion Ratio Lower Upper

82 100

128 50.1 35.8 53.8

54 42.2 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.723 min Scan# 1980

Delta R.T. -0.005 min

Lab File: BG055487.D

Acq: 7 Nov 2022 21:32

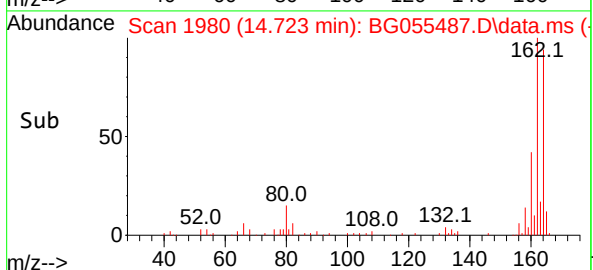
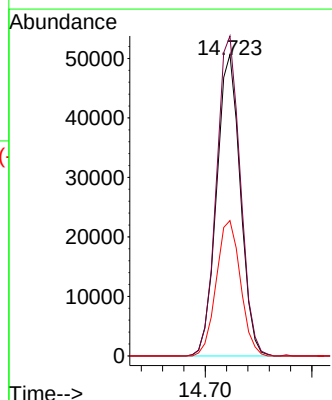
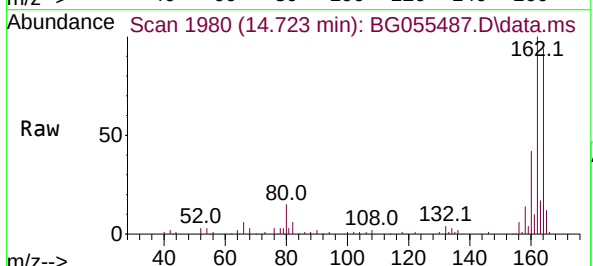
Tgt Ion:164 Resp: 78348

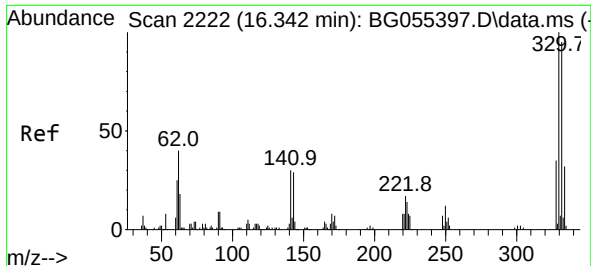
Ion Ratio Lower Upper

164 100

162 106.2 81.1 121.7

160 44.9 35.8 53.6

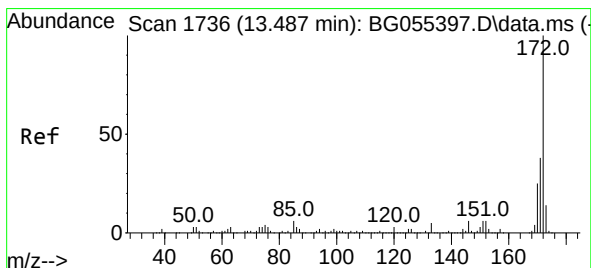
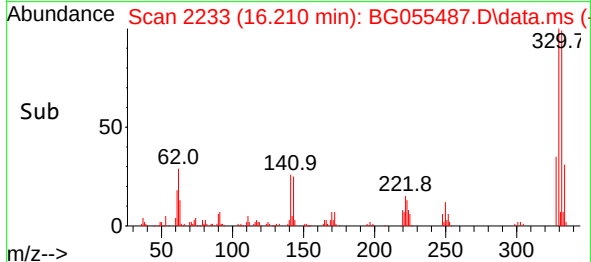
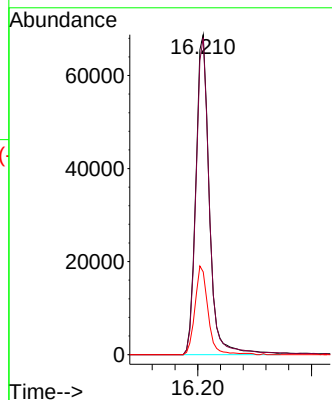
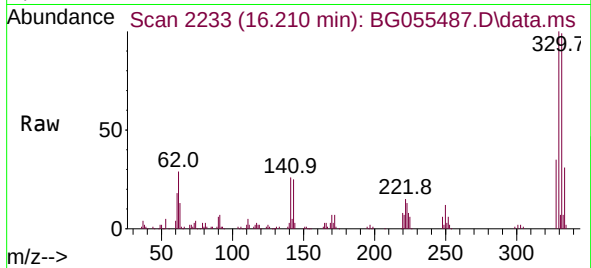




#42
2,4,6-Tribromophenol
Concen: 105.808 ng
RT: 16.210 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055487.D
Acq: 7 Nov 2022 21:32

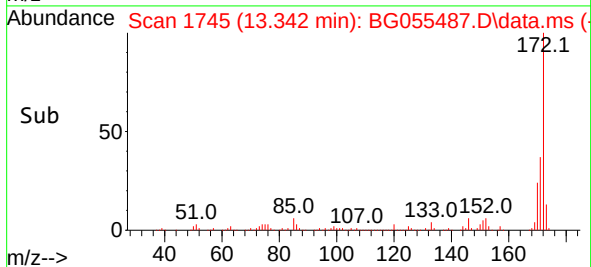
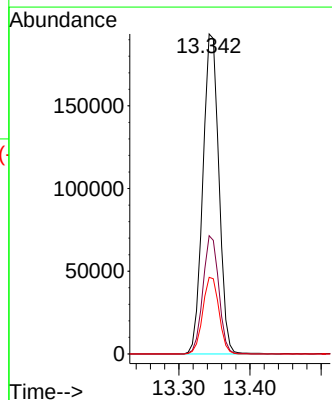
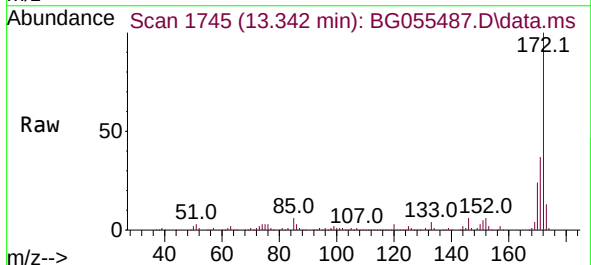
Instrument :
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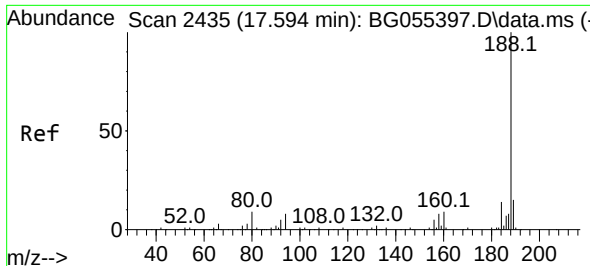
Tgt Ion:330 Resp: 113075
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.6
141 26.5 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 57.107 ng
RT: 13.342 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG055487.D
Acq: 7 Nov 2022 21:32

Tgt Ion:172 Resp: 301771
Ion Ratio Lower Upper
172 100
171 36.9 30.2 45.2
170 23.9 20.2 30.2

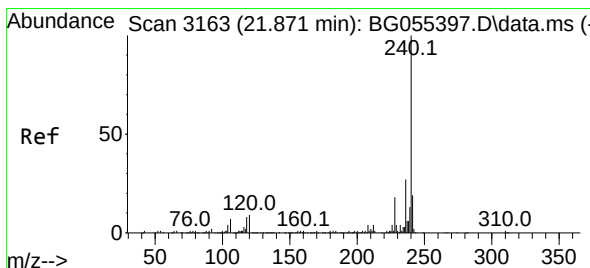
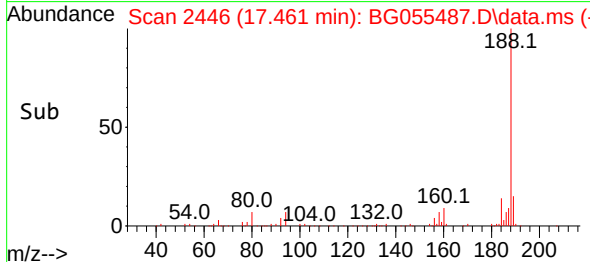
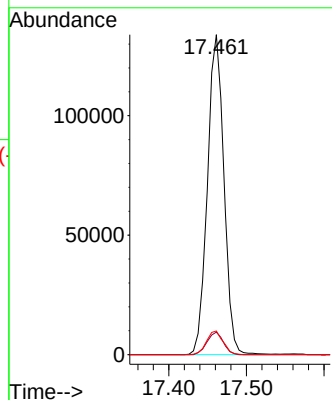
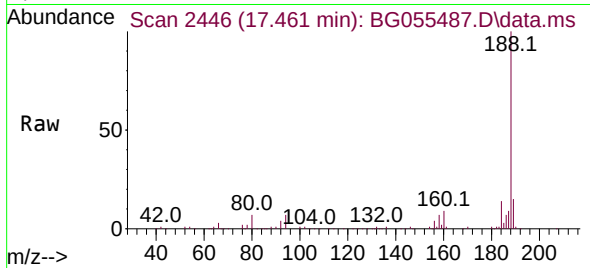




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.461 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055487.D
Acq: 7 Nov 2022 21:32

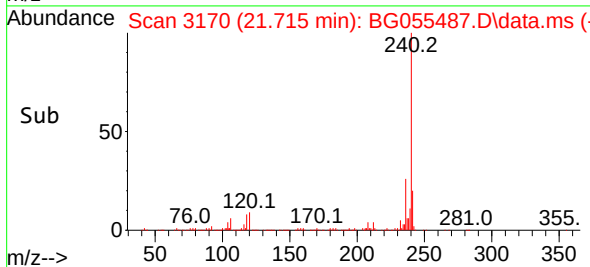
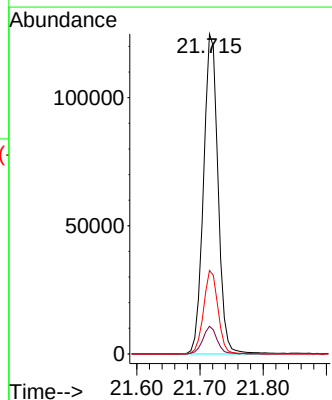
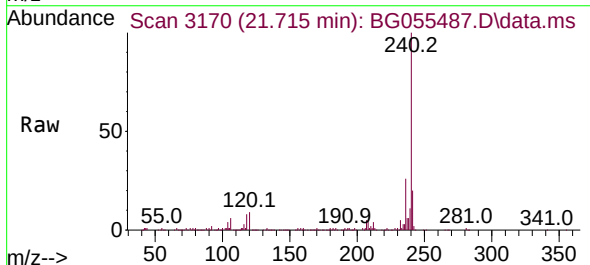
Instrument :
BNA_G
ClientSampleId :
R-28

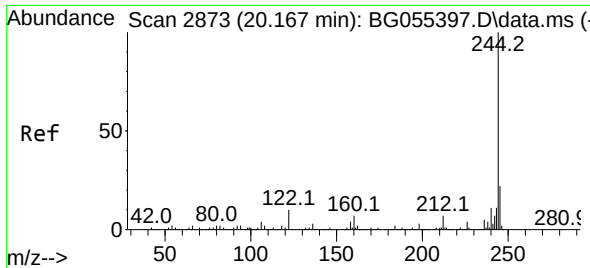
Tgt Ion:188 Resp: 197978
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 7.4 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3170
Delta R.T. -0.010 min
Lab File: BG055487.D
Acq: 7 Nov 2022 21:32

Tgt Ion:240 Resp: 198868
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.1 21.5 32.3

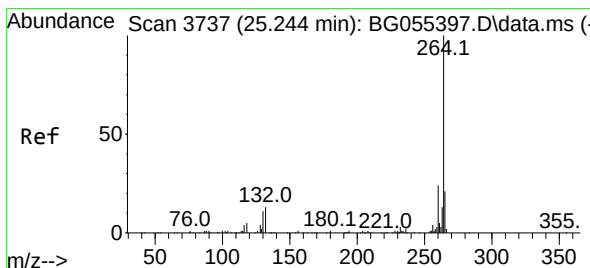
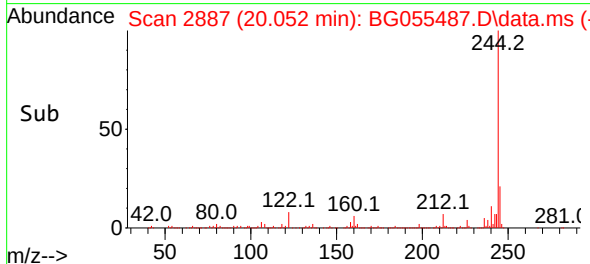
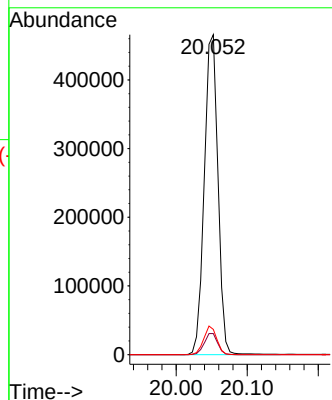
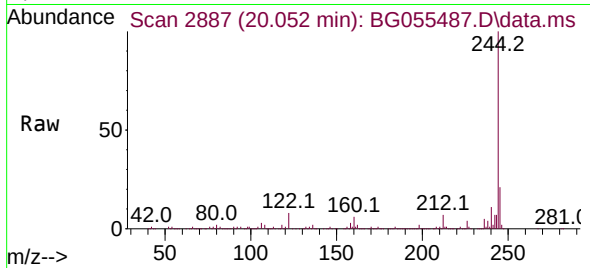




#79
 Terphenyl-d14
 Concen: 60.414 ng
 RT: 20.052 min Scan# 2887
 Delta R.T. 0.001 min
 Lab File: BG055487.D
 Acq: 7 Nov 2022 21:32

Instrument :
 BNA_G
 ClientSampleId :
 R-28

Tgt Ion:244 Resp: 617850
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 7.9 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.982 min Scan# 3726
 Delta R.T. -0.005 min
 Lab File: BG055487.D
 Acq: 7 Nov 2022 21:32

Tgt Ion:264 Resp: 221871
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 22.5 17.1 25.7

