

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055496.D
 Acq On : 8 Nov 2022 3:46
 Operator : CG/JU
 Sample : N5415-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-26

Quant Time: Nov 08 04:21:17 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	8.079	152	37047	20.000	ng	0.00
21) Naphthalene-d8	10.911	136	164410	20.000	ng	# 0.00
39) Acenaphthene-d10	14.719	164	107078	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	217785	20.000	ng	0.00
76) Chrysene-d12	21.716	240	207818	20.000	ng	0.00
86) Perylene-d12	24.977	264	237447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	180895	87.689	ng	0.00
7) Phenol-d6	7.245	99	237483	83.014	ng	0.00
23) Nitrobenzene-d5	9.260	82	138629	44.938	ng	0.00
42) 2,4,6-Tribromophenol	16.205	330	127108	87.026	ng	0.00
45) 2-Fluorobiphenyl	13.344	172	394161	54.578	ng	0.00
79) Terphenyl-d14	20.048	244	562751	52.656	ng	0.00

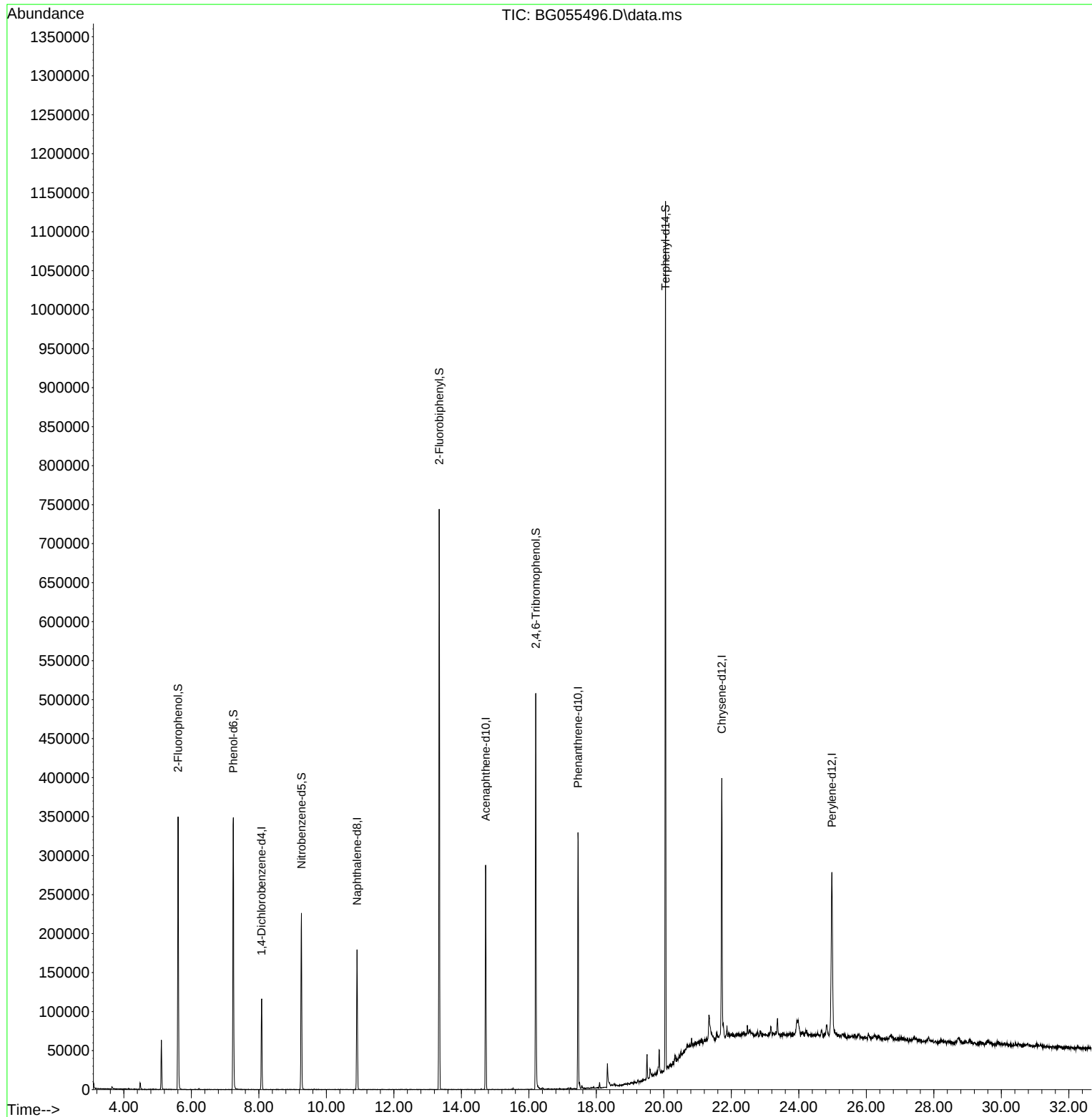
Target Compounds Qvalue

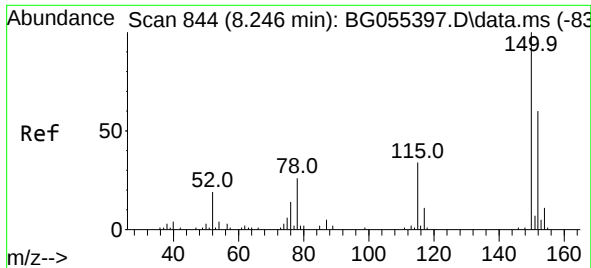
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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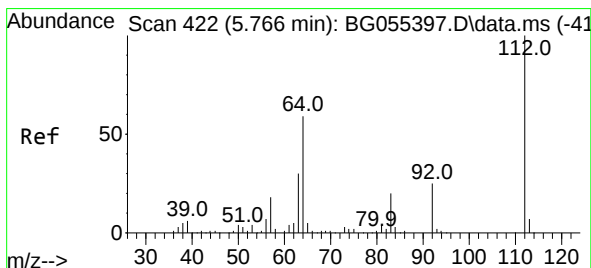
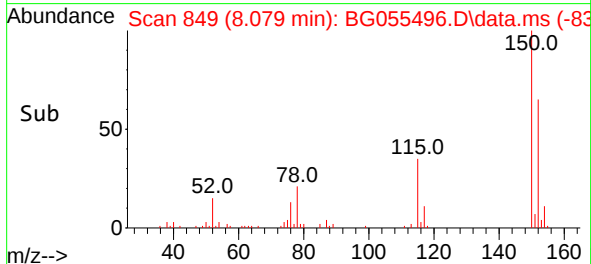
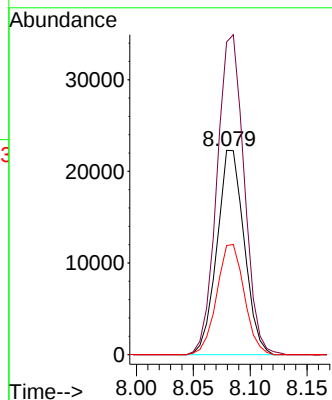
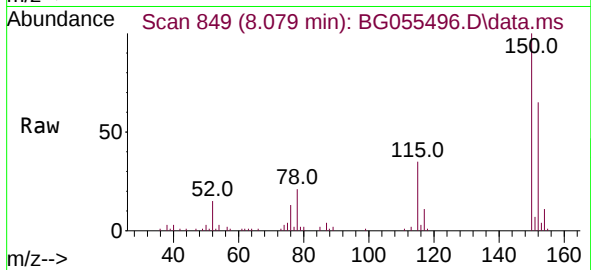




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.079 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

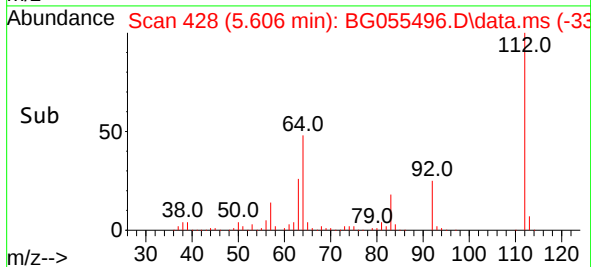
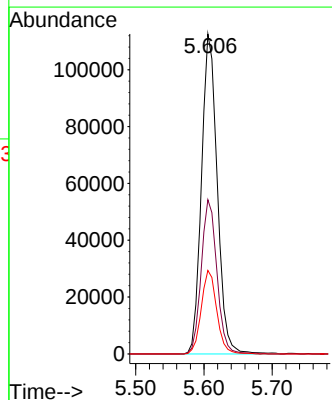
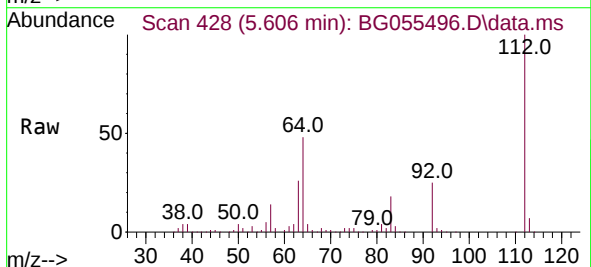
Instrument :
BNA_G
ClientSampleId :
R-26

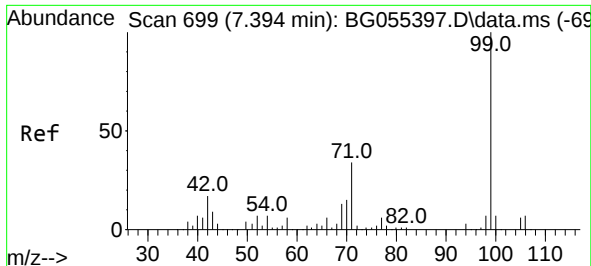
Tgt Ion:152 Resp: 37047
Ion Ratio Lower Upper
152 100
150 153.1 132.8 199.2
115 53.4 45.1 67.7



#5
2-Fluorophenol
Concen: 87.689 ng
RT: 5.606 min Scan# 428
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Tgt Ion:112 Resp: 180895
Ion Ratio Lower Upper
112 100
64 48.2 47.2 70.8
63 26.1 24.3 36.5

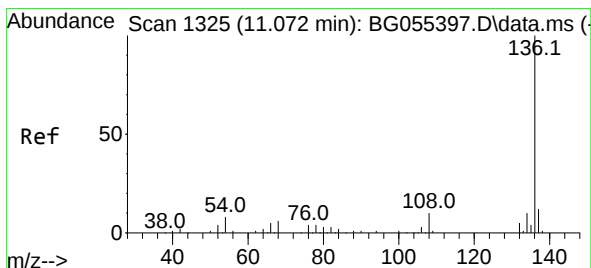
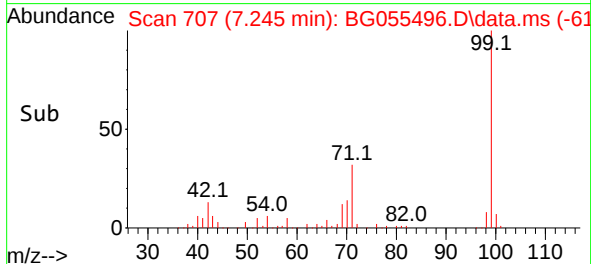
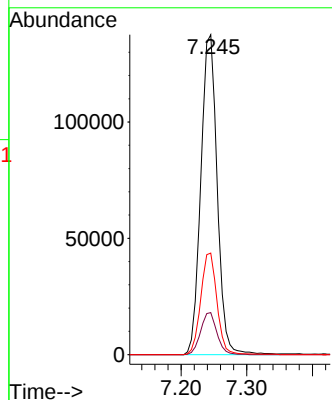
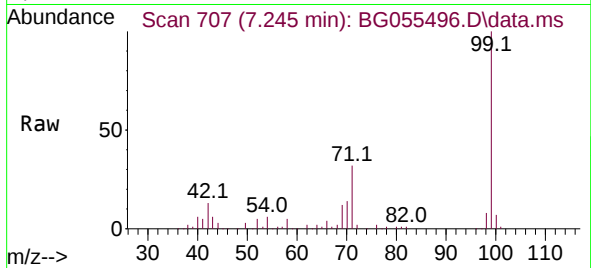




#7
Phenol-d6
Concen: 83.014 ng
RT: 7.245 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

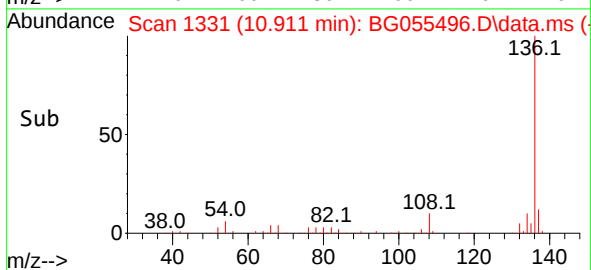
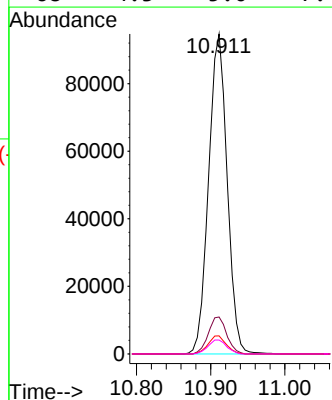
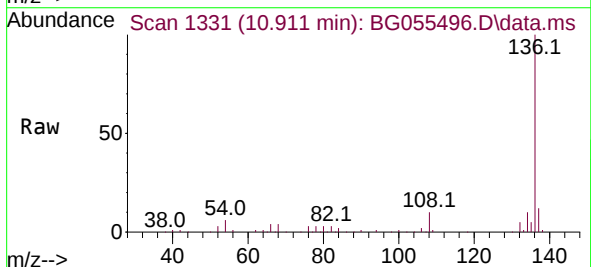
Instrument :
BNA_G
ClientSampleId :
R-26

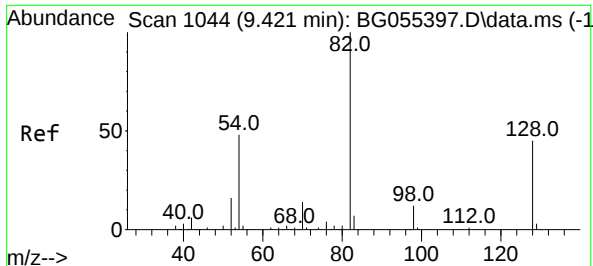
Tgt Ion: 99 Resp: 237483
Ion Ratio Lower Upper
99 100
42 13.1 13.5 20.3#
71 31.7 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.911 min Scan# 1331
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Tgt Ion: 136 Resp: 164410
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 5.6 6.1 9.1#
68 4.3 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 44.938 ng

RT: 9.260 min Scan# 1044

Delta R.T. -0.003 min

Lab File: BG055496.D

Acq: 8 Nov 2022 3:46

Instrument :

BNA_G

ClientSampleId :

R-26

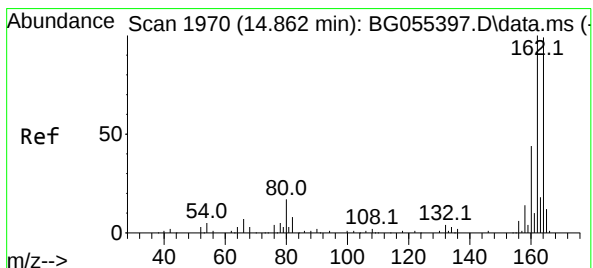
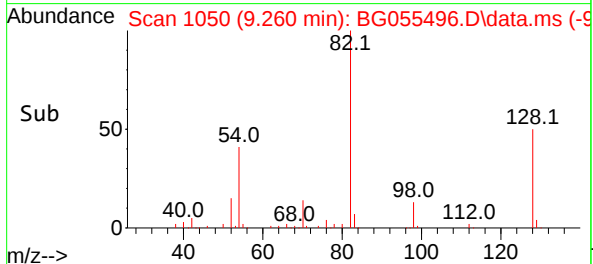
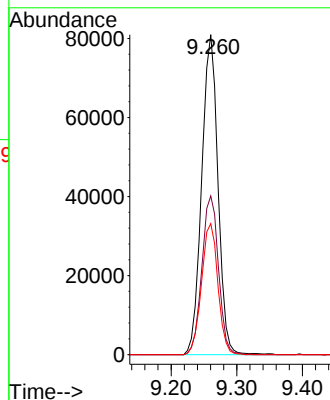
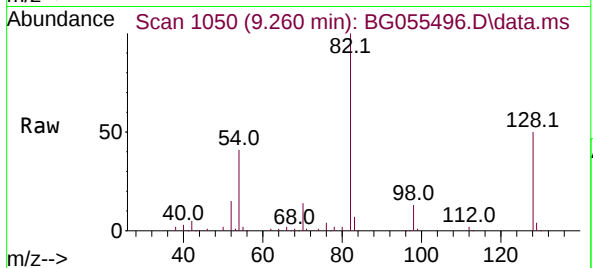
Tgt Ion: 82 Resp: 138629

Ion Ratio Lower Upper

82 100

128 49.6 35.8 53.8

54 41.0 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.719 min Scan# 1979

Delta R.T. -0.009 min

Lab File: BG055496.D

Acq: 8 Nov 2022 3:46

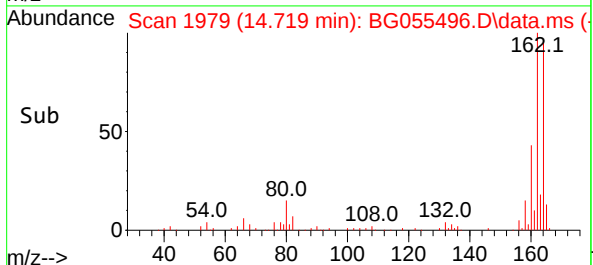
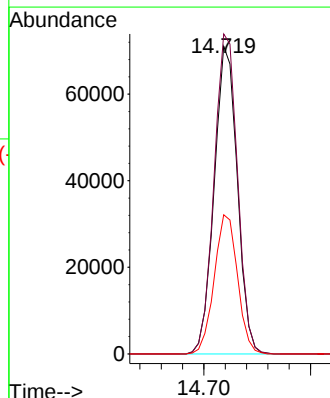
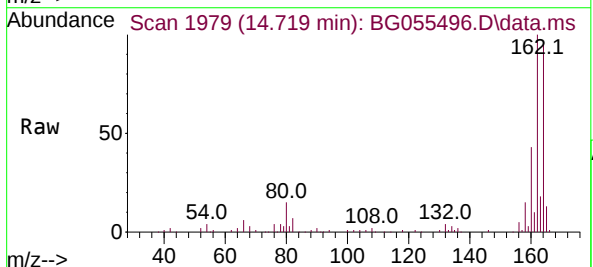
Tgt Ion:164 Resp: 107078

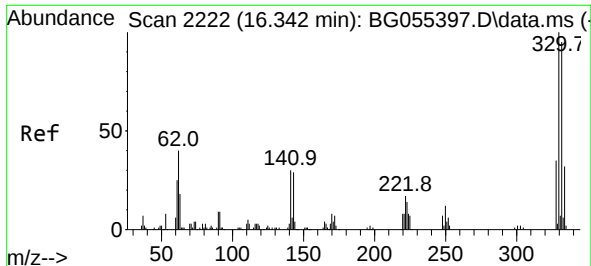
Ion Ratio Lower Upper

164 100

162 104.0 81.1 121.7

160 45.2 35.8 53.6

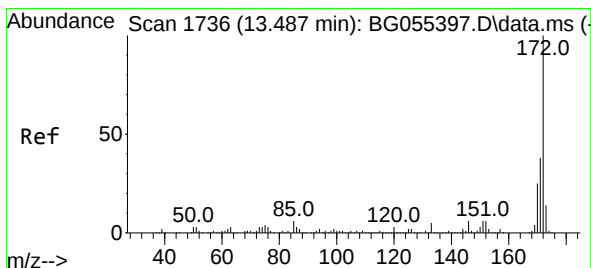
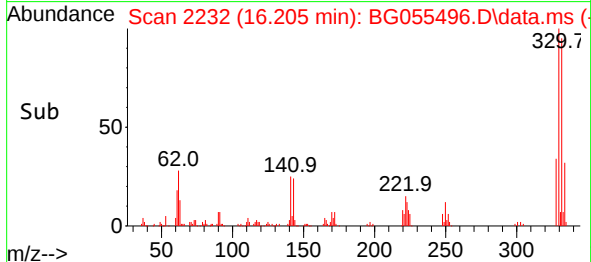
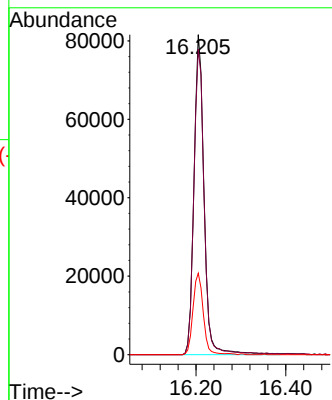
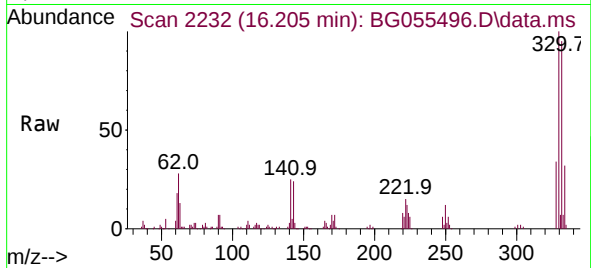




#42
2,4,6-Tribromophenol
Concen: 87.026 ng
RT: 16.205 min Scan# 221
Delta R.T. -0.009 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

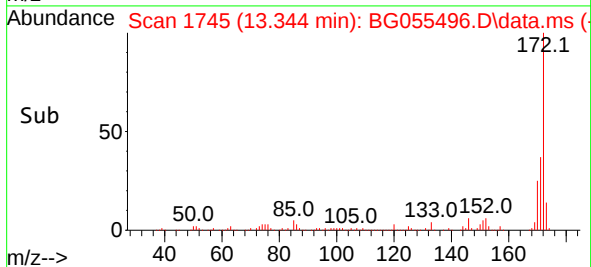
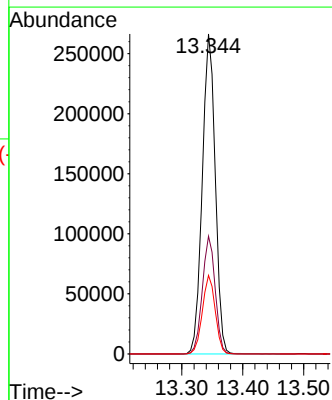
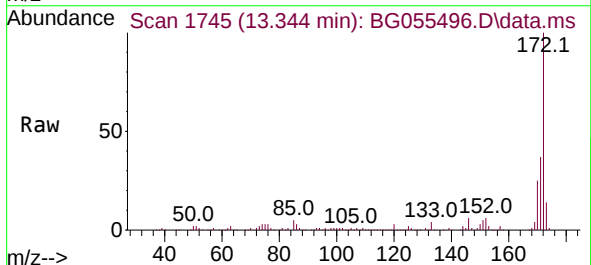
Instrument :
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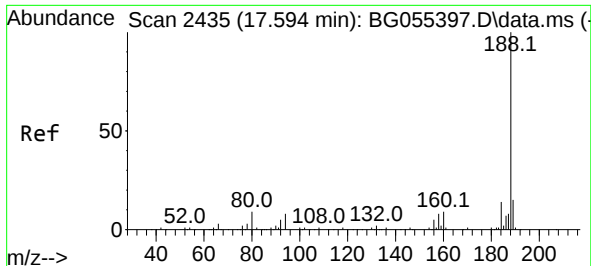
Tgt Ion:330 Resp: 127108
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 25.6 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 54.578 ng
RT: 13.344 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Tgt Ion:172 Resp: 394161
Ion Ratio Lower Upper
172 100
171 36.8 30.2 45.2
170 24.5 20.2 30.2

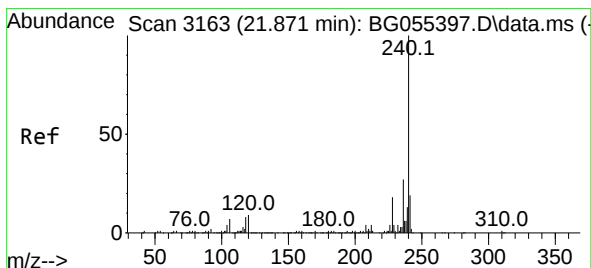
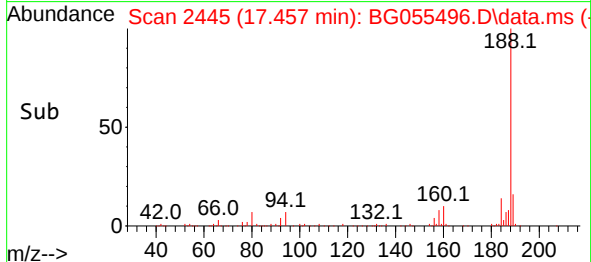
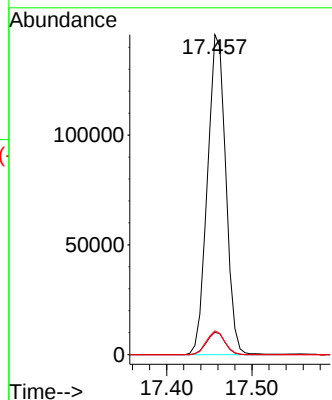
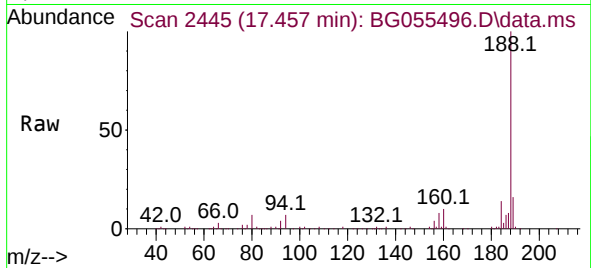




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

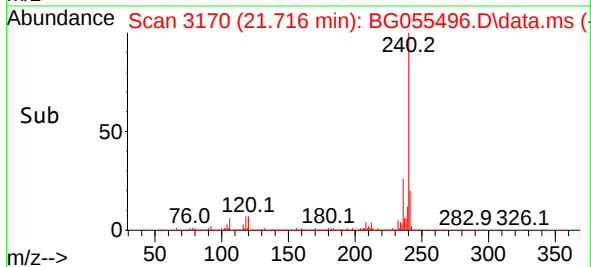
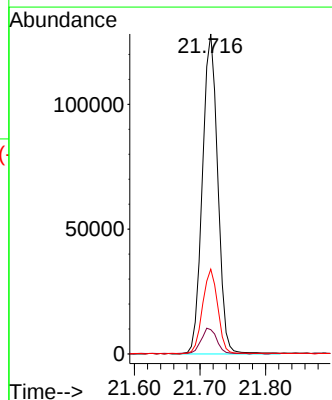
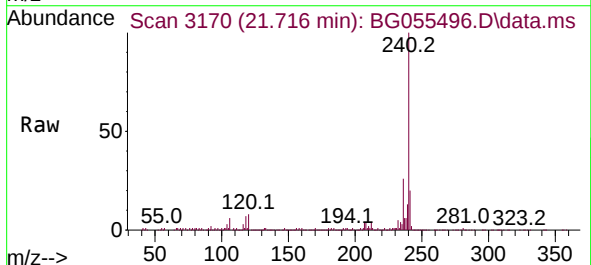
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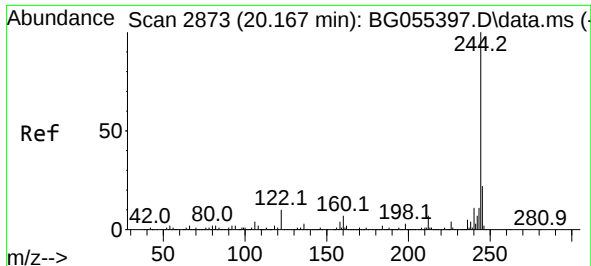
Tgt Ion:188 Resp: 217785
Ion Ratio Lower Upper
188 100
94 7.0 6.5 9.7
80 7.4 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3170
Delta R.T. -0.009 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Tgt Ion:240 Resp: 207818
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.5 21.5 32.3

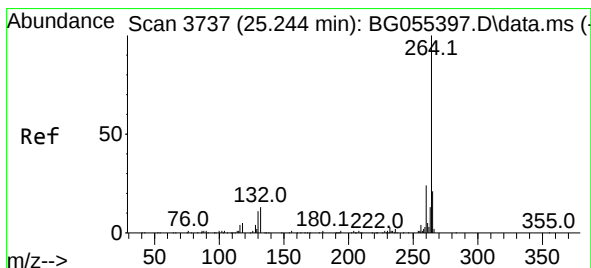
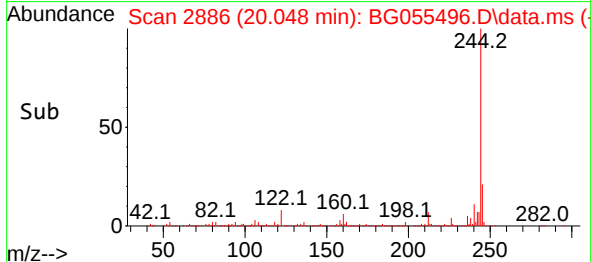
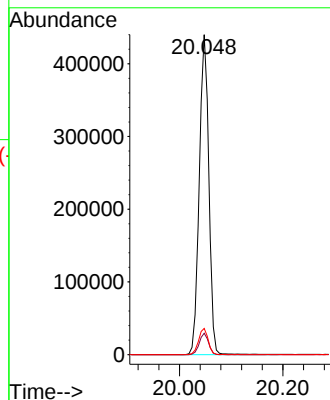
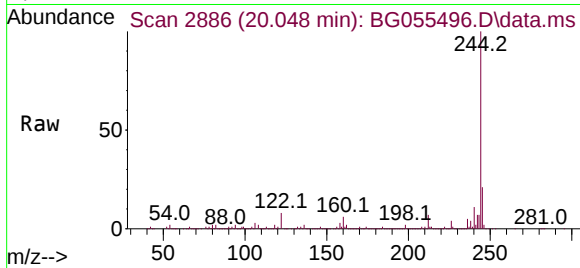




#79
 Terphenyl-d14
 Concen: 52.656 ng
 RT: 20.048 min Scan# 2886
 Delta R.T. -0.003 min
 Lab File: BG055496.D
 Acq: 8 Nov 2022 3:46

Instrument :
 BNA_G
 ClientSampleId :
 R-26

Tgt Ion:244 Resp: 562751
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 8.2 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 3725
 Delta R.T. -0.009 min
 Lab File: BG055496.D
 Acq: 8 Nov 2022 3:46

Tgt Ion:264 Resp: 237447
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 22.3 17.1 25.7

