

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054137.D
 Acq On : 29 Jun 2022 3:59
 Operator : CG/JU
 Sample : N3512-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-3-062722

Quant Time: Jun 29 05:00:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

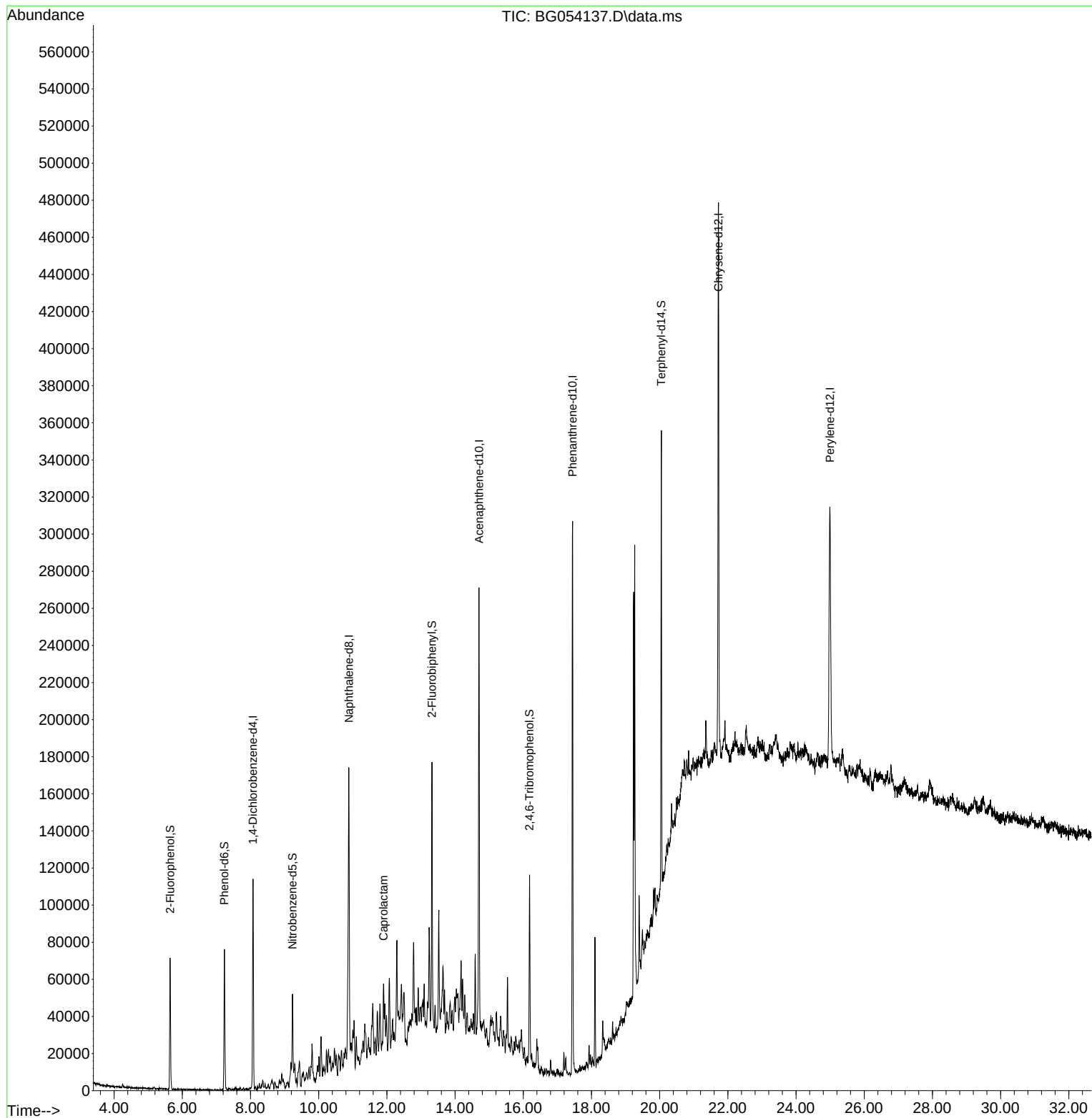
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	35507	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	139601	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	92833	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	209926	20.000	ng	0.00
76) Chrysene-d12	21.725	240	208677	20.000	ng	0.00
86) Perylene-d12	24.992	264	199644	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	35190	18.948	ng	0.00
7) Phenol-d6	7.236	99	47573	18.883	ng	0.00
23) Nitrobenzene-d5	9.234	82	30586	12.312	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	25058	16.800	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	84205	13.190	ng	0.00
79) Terphenyl-d14	20.051	244	138436	13.361	ng	0.00
Target Compounds						
35) Caprolactam	11.907	113	1467	2.273	ng	Qvalue # 56

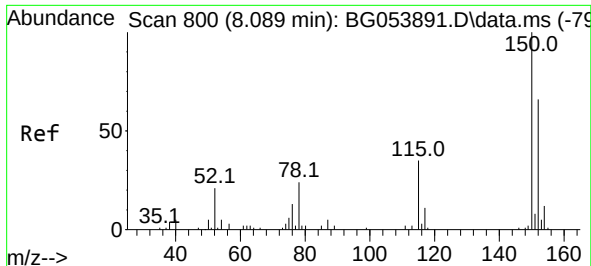
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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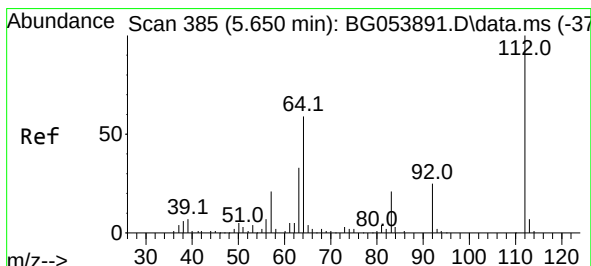
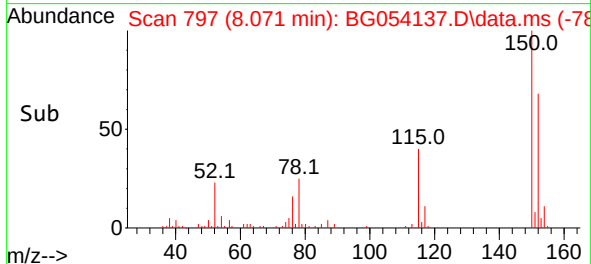
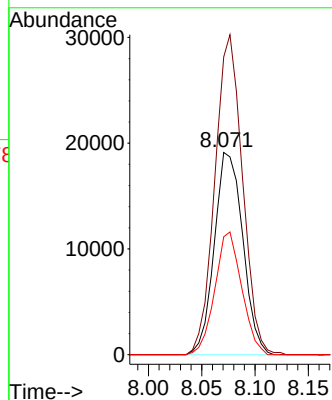
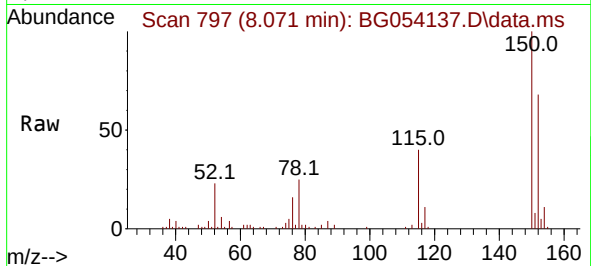




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

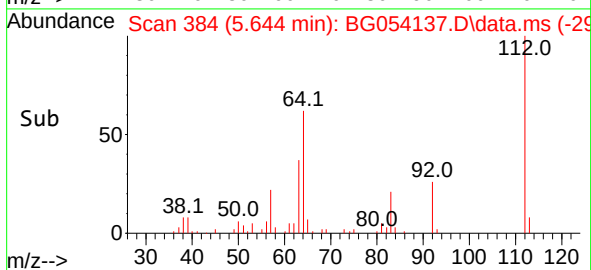
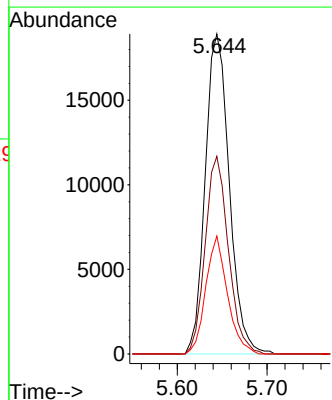
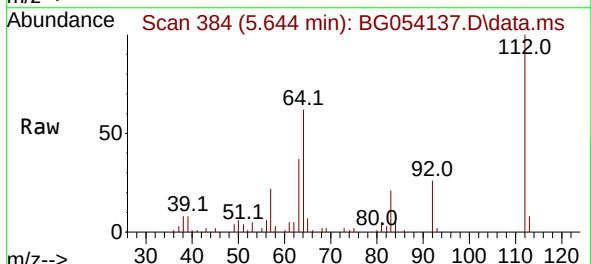
Instrument :
BNA_G
ClientSampleId :
OR-3-062722

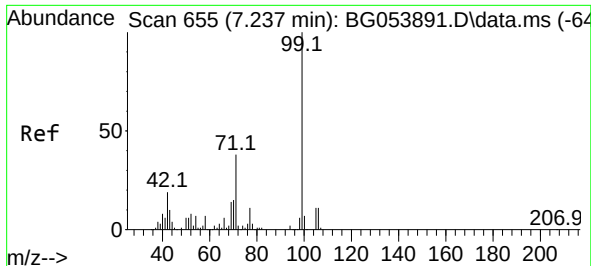
Tgt Ion:152 Resp: 35507
Ion Ratio Lower Upper
152 100
150 147.2 131.6 197.4
115 58.3 50.9 76.3



#5
2-Fluorophenol
Concen: 18.948 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.006 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

Tgt Ion:112 Resp: 35190
Ion Ratio Lower Upper
112 100
64 61.8 55.1 82.7
63 36.9 30.4 45.6

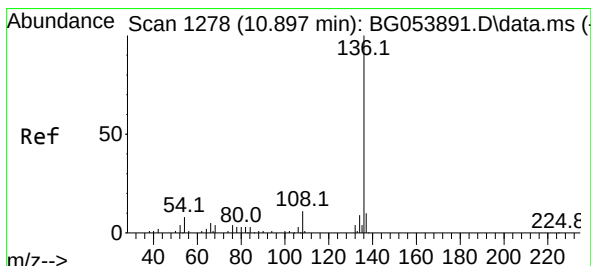
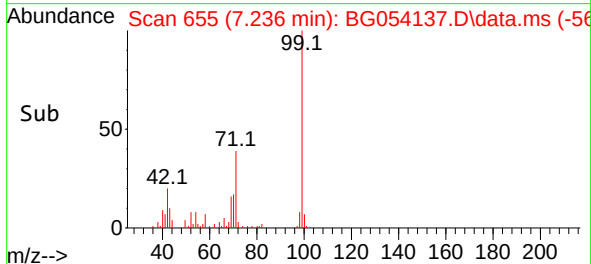
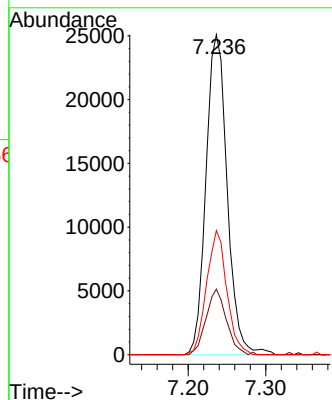
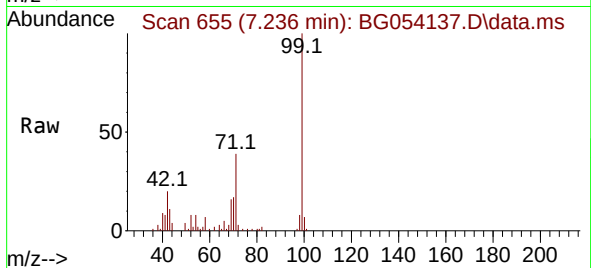




#7
Phenol-d6
Concen: 18.883 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

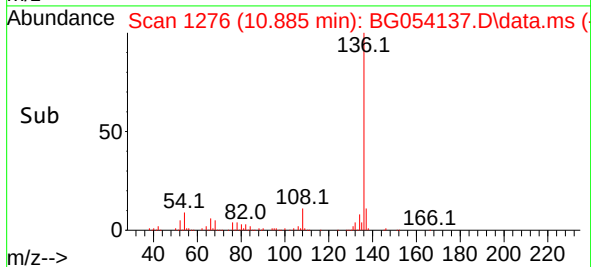
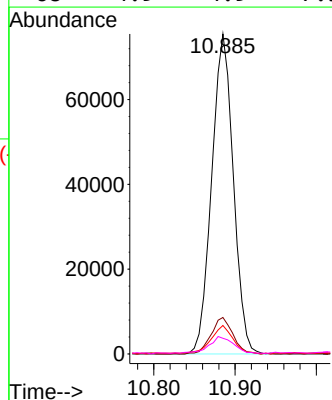
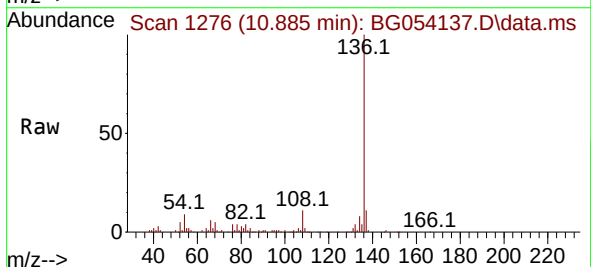
Instrument :
BNA_G
ClientSampleId :
OR-3-062722

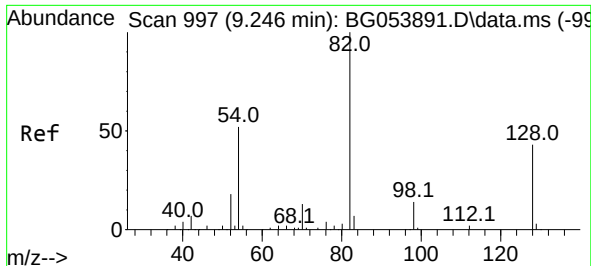
Tgt Ion: 99 Resp: 47573
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 38.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

Tgt Ion: 136 Resp: 139601
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 8.9 7.4 11.2
68 4.9 4.9 7.3

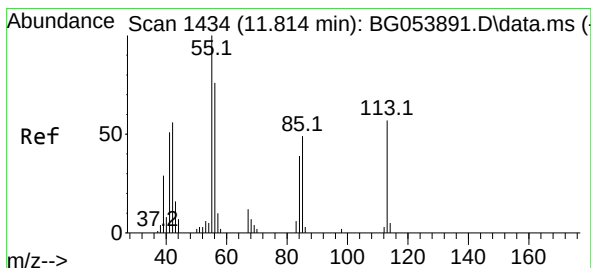
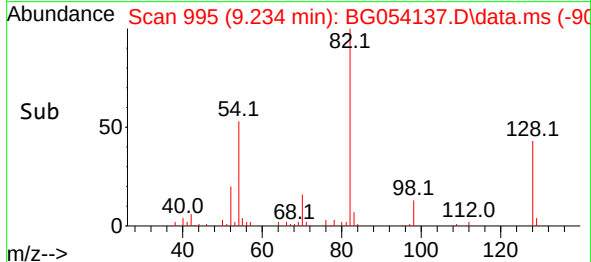
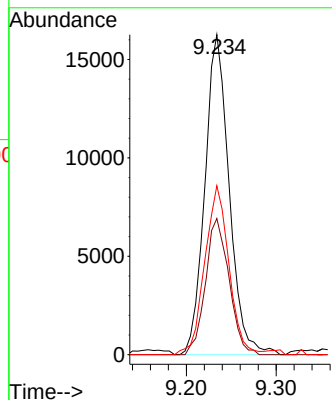
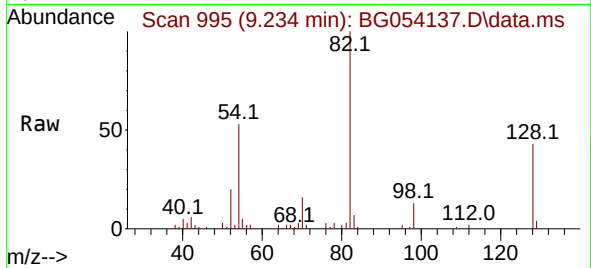




#23
Nitrobenzene-d5
Concen: 12.312 ng
RT: 9.234 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

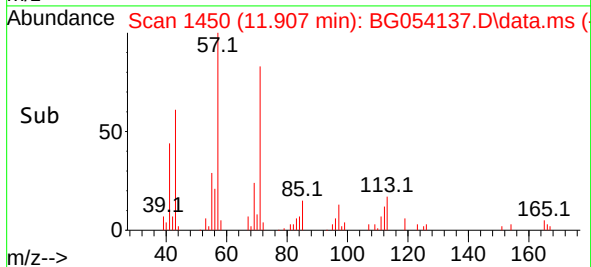
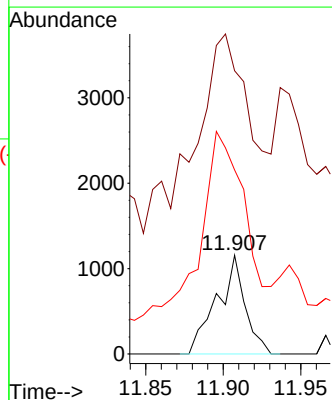
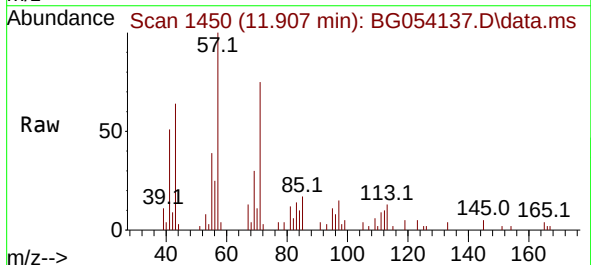
Instrument :
BNA_G
ClientSampleId :
OR-3-062722

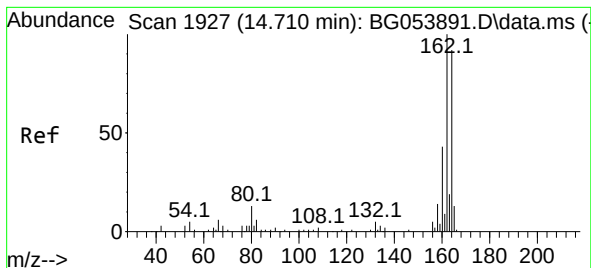
Tgt Ion: 82 Resp: 30586
Ion Ratio Lower Upper
82 100
128 42.6 27.9 41.9#
54 52.8 41.2 61.8



#35
Caprolactam
Concen: 2.273 ng
RT: 11.907 min Scan# 1450
Delta R.T. 0.118 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

Tgt Ion: 113 Resp: 1467
Ion Ratio Lower Upper
113 100
55 286.8 169.8 209.8#
56 186.3 141.2 181.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1926

Delta R.T. 0.006 min

Lab File: BG054137.D

Acq: 29 Jun 2022 3:59

Instrument :

BNA_G

ClientSampleId :

OR-3-062722

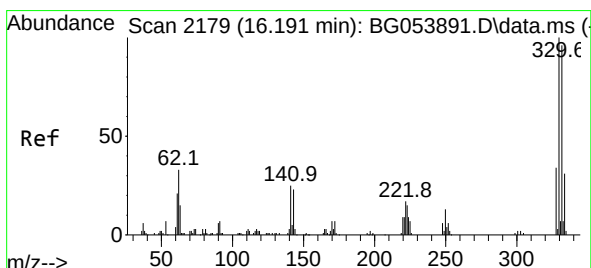
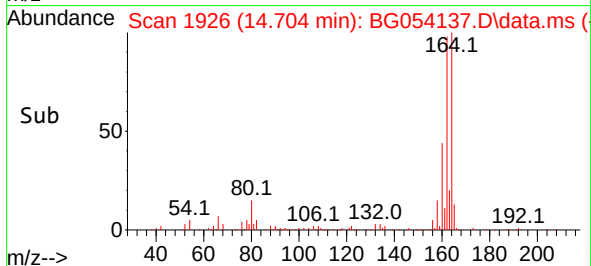
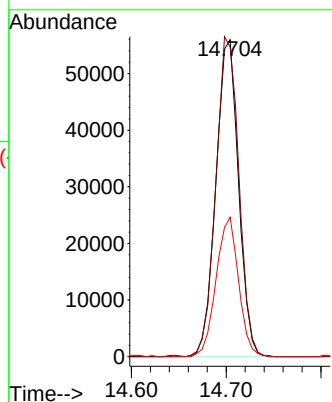
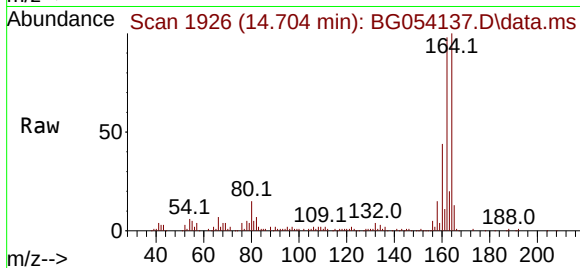
Tgt Ion:164 Resp: 92833

Ion Ratio Lower Upper

164 100

162 97.7 82.3 123.5

160 44.0 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 16.800 ng

RT: 16.185 min Scan# 2178

Delta R.T. 0.000 min

Lab File: BG054137.D

Acq: 29 Jun 2022 3:59

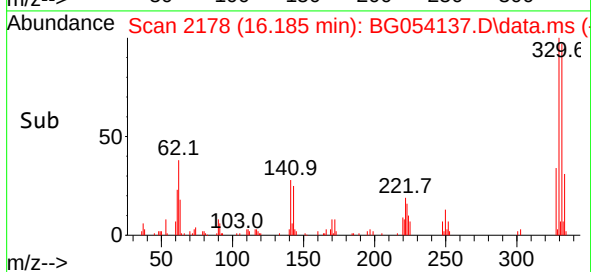
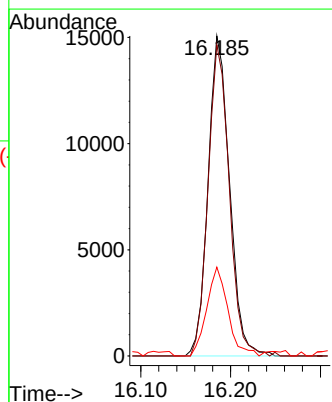
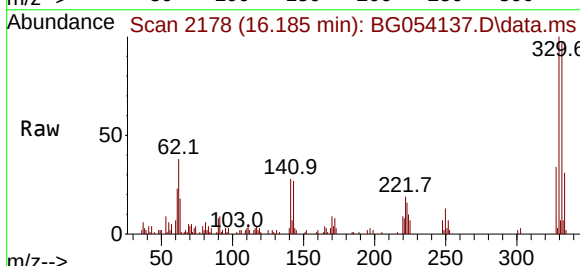
Tgt Ion:330 Resp: 25058

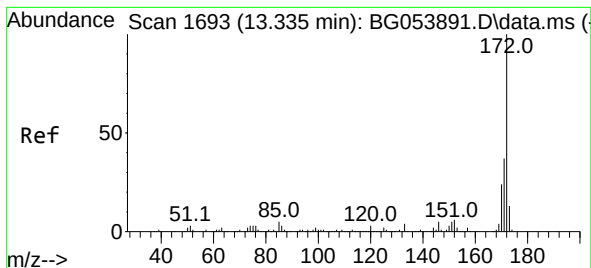
Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

141 27.2 27.1 40.7

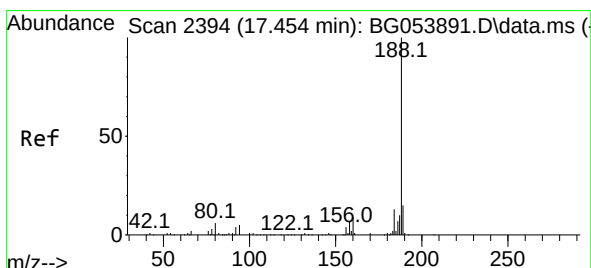
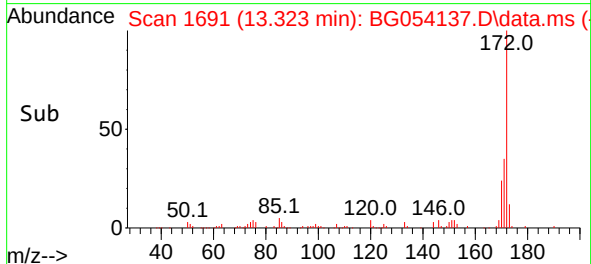
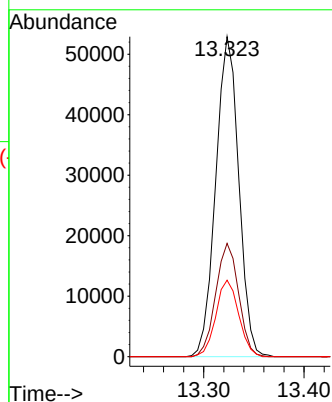
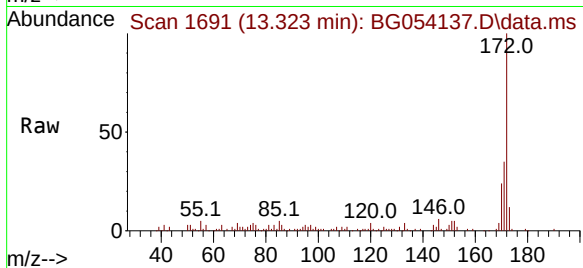




#45
2-Fluorobiphenyl
Concen: 13.190 ng
RT: 13.323 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

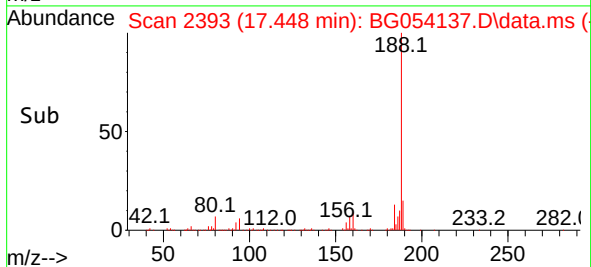
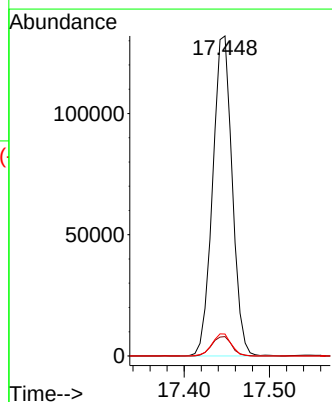
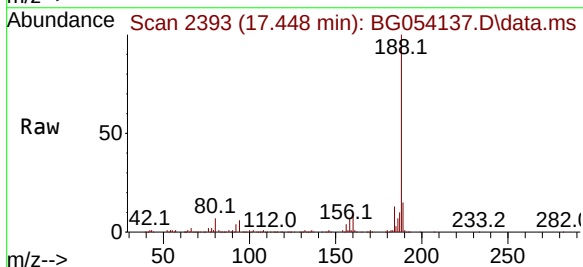
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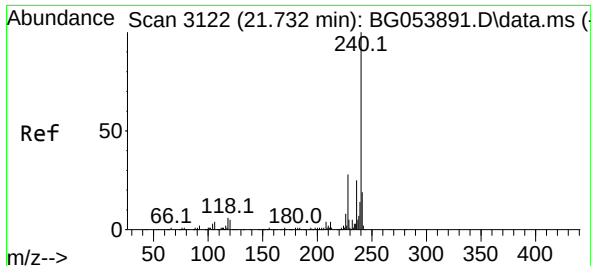
Tgt Ion:172 Resp: 84205
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.9 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2393
Delta R.T. 0.006 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

Tgt Ion:188 Resp: 209926
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 6.9 6.8 10.2

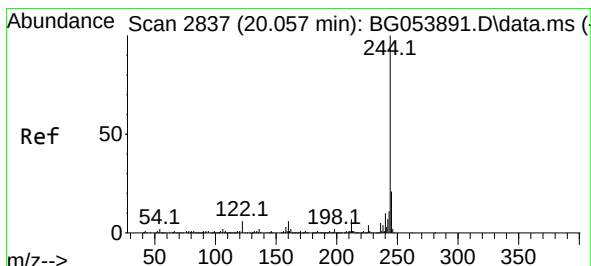
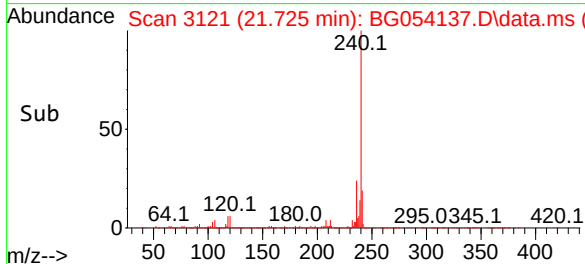
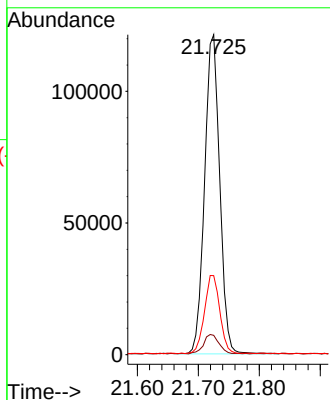
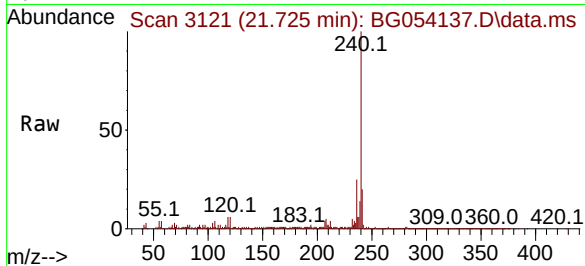




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

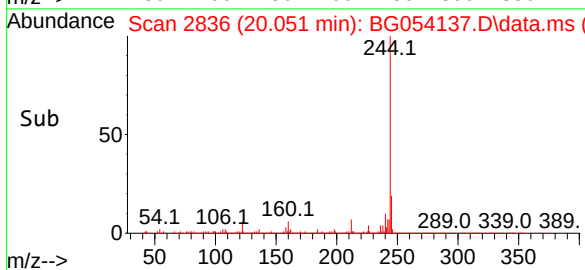
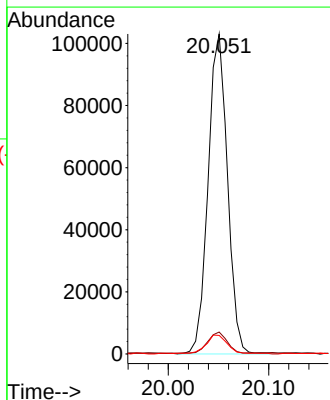
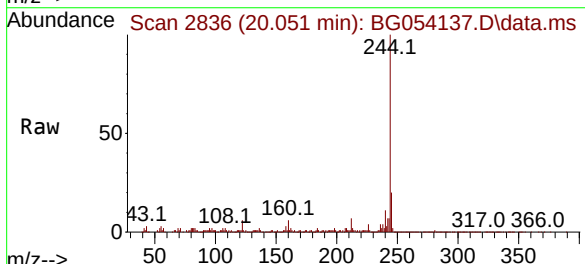
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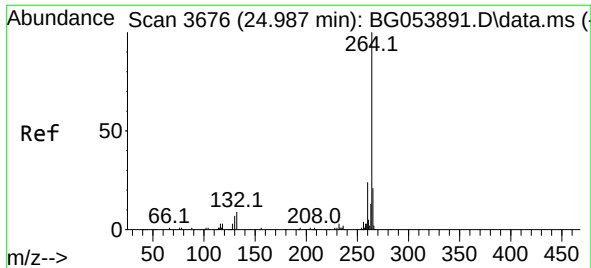
Tgt Ion:240 Resp: 208677
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 24.7 20.2 30.4



#79
Terphenyl-d14
Concen: 13.361 ng
RT: 20.051 min Scan# 2836
Delta R.T. 0.006 min
Lab File: BG054137.D
Acq: 29 Jun 2022 3:59

Tgt Ion:244 Resp: 138436
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 5.8 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 30
 Delta R.T. 0.030 min
 Lab File: BG054137.D
 Acq: 29 Jun 2022 3:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-3-062722

Tgt Ion:264 Resp: 199644
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 20.5 17.4 26.2

