

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054622.D
 Acq On : 12 Aug 2022 14:44
 Operator : CG/JU
 Sample : N4046-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-08

Quant Time: Aug 13 00:37:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	15233	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	58224	20.000	ng	# 0.00
39) Acenaphthene-d10	14.606	164	46521	20.000	ng	0.00
64) Phenanthrene-d10	17.355	188	136059	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	160144	20.000	ng	# 0.00
86) Perylene-d12	24.829	264	166737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	83739	114.775	ng	0.00
7) Phenol-d6	7.173	99	113736	113.768	ng	0.00
23) Nitrobenzene-d5	9.135	82	77035	72.051	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	99081	101.438	ng	0.00
45) 2-Fluorobiphenyl	13.225	172	230674	69.949	ng	0.00
79) Terphenyl-d14	19.964	244	618973	76.676	ng	0.00

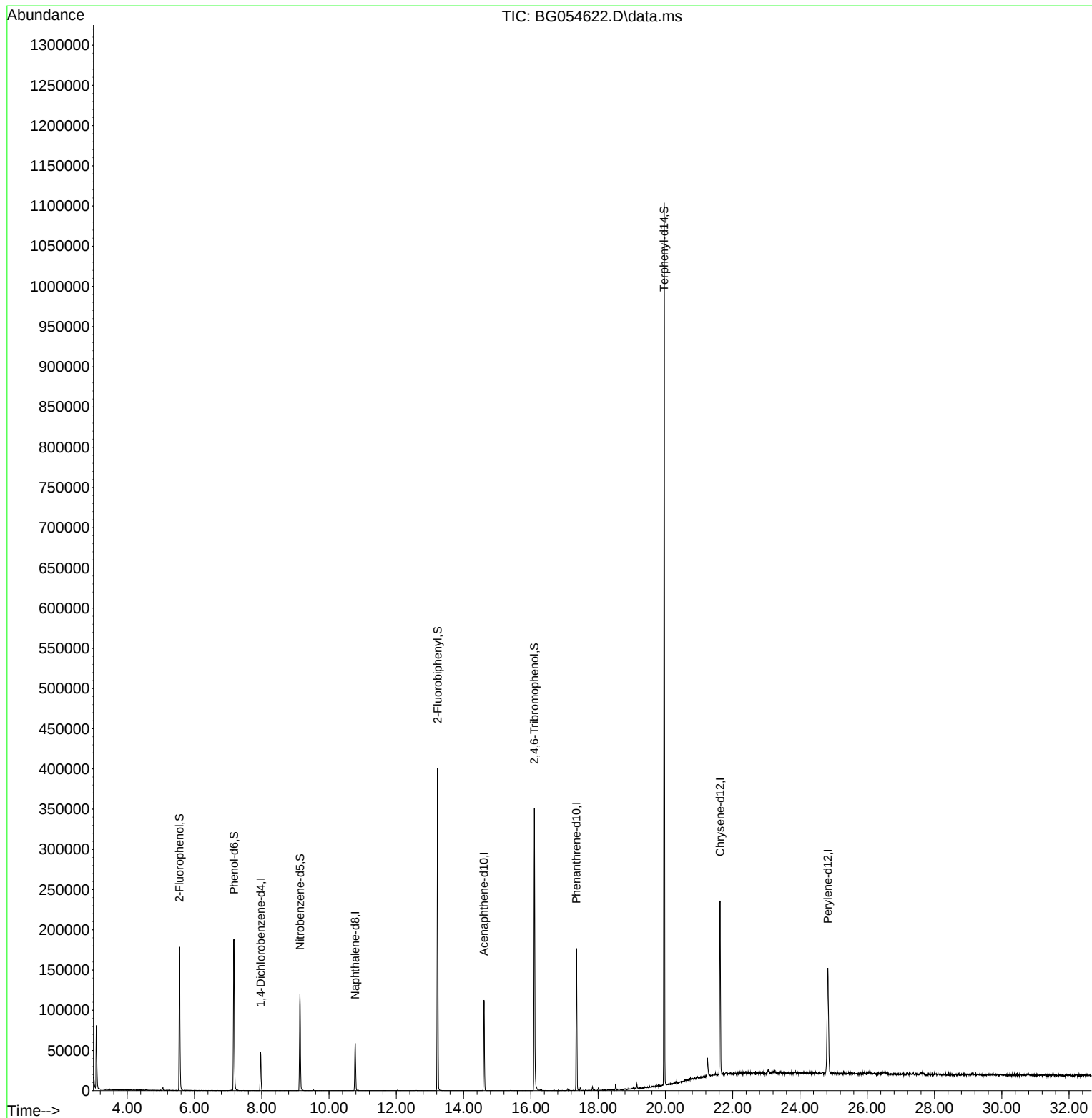
Target Compounds	Qvalue

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

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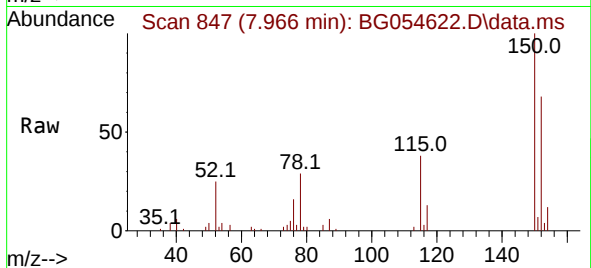
Quant Time: Aug 13 00:37:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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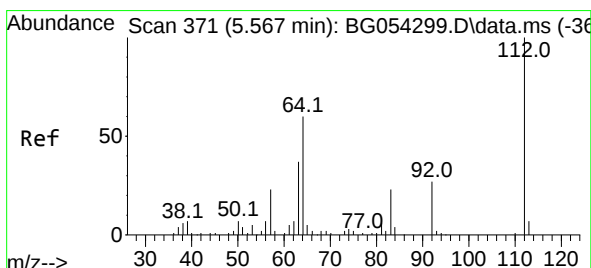
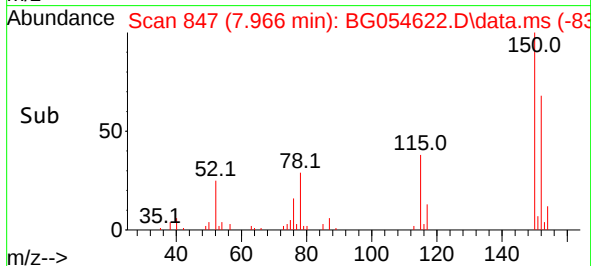
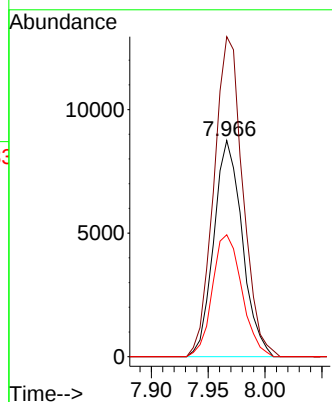


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG054622.D
Acq: 12 Aug 2022 14:44

Instrument :
BNA_G
ClientSampleId :
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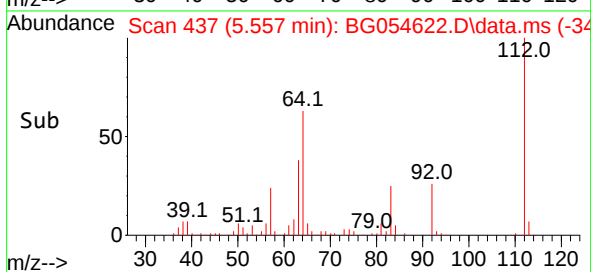
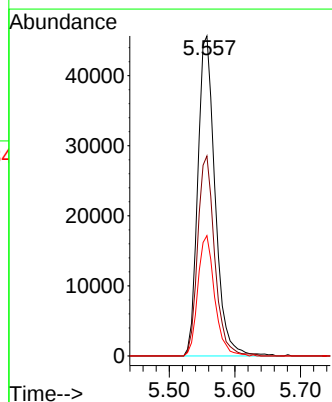
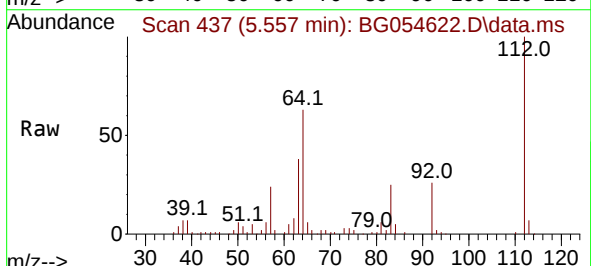


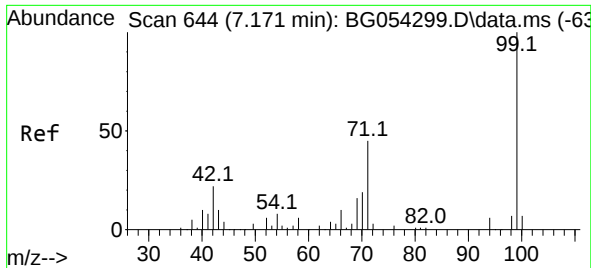
Tgt Ion:152 Resp: 15233
Ion Ratio Lower Upper
152 100
150 148.0 131.6 197.4
115 56.4 50.9 76.3



#5
2-Fluorophenol
Concen: 114.775 ng
RT: 5.557 min Scan# 437
Delta R.T. 0.004 min
Lab File: BG054622.D
Acq: 12 Aug 2022 14:44

Tgt Ion:112 Resp: 83739
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 37.6 30.4 45.6

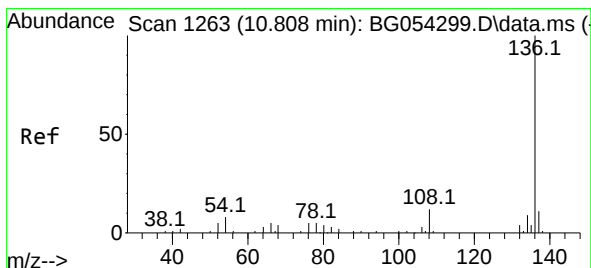
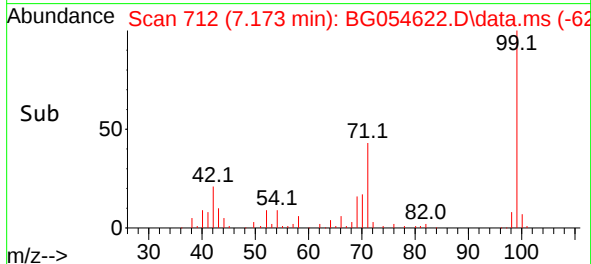
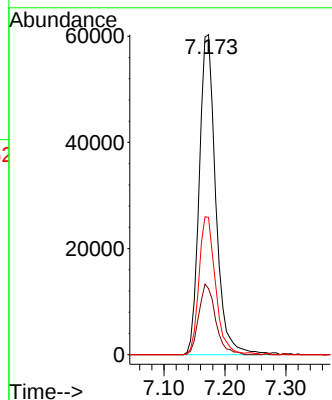
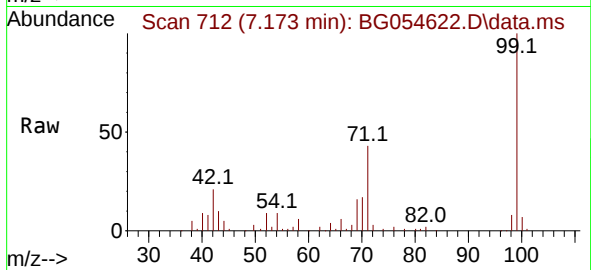




#7
Phenol-d6
Concen: 113.768 ng
RT: 7.173 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG054622.D
Acq: 12 Aug 2022 14:44

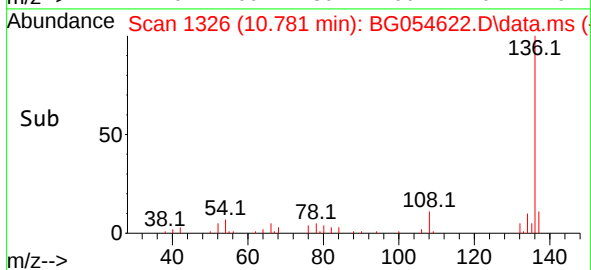
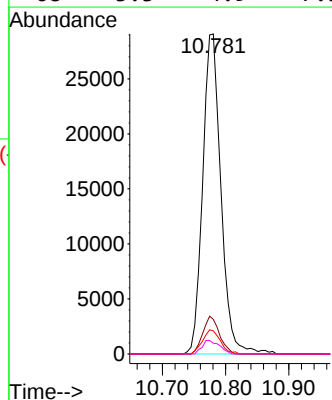
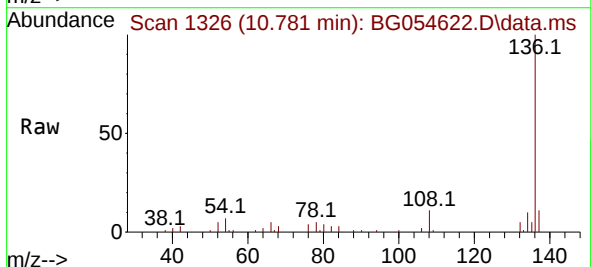
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BNA_G
ClientSampleId :
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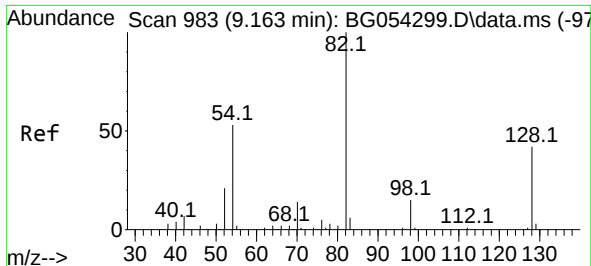
Tgt Ion: 99 Resp: 113736
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 42.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1326
Delta R.T. 0.004 min
Lab File: BG054622.D
Acq: 12 Aug 2022 14:44

Tgt Ion: 136 Resp: 58224
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.2 7.4 11.2#
68 3.3 4.9 7.3#

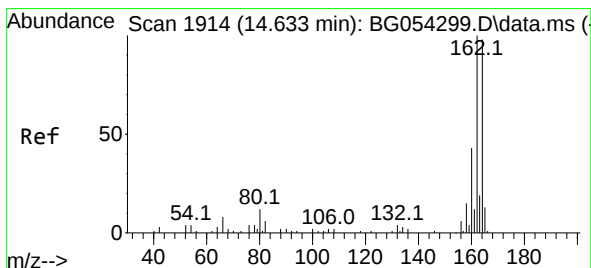
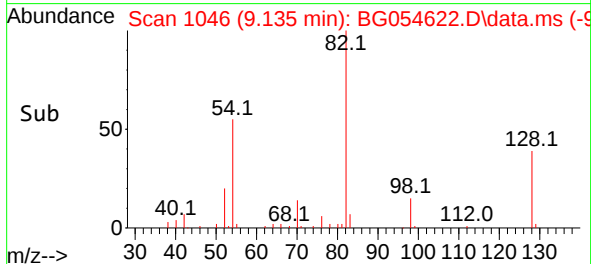
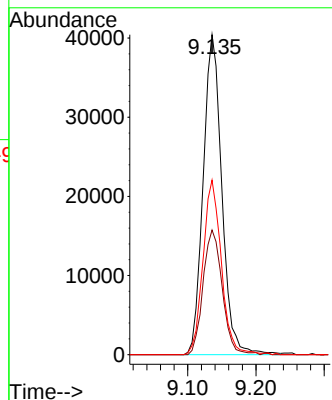
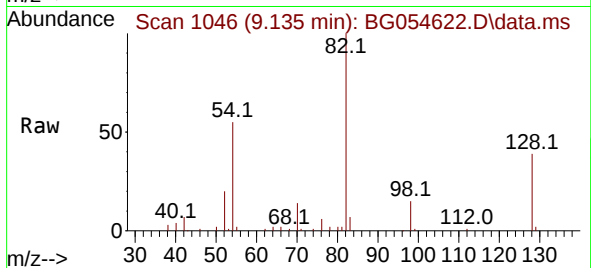




#23
Nitrobenzene-d5
Concen: 72.051 ng
RT: 9.135 min Scan# 1046
Delta R.T. -0.002 min
Lab File: BG054622.D
Acq: 12 Aug 2022 14:44

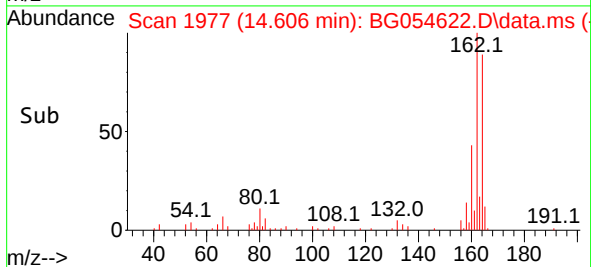
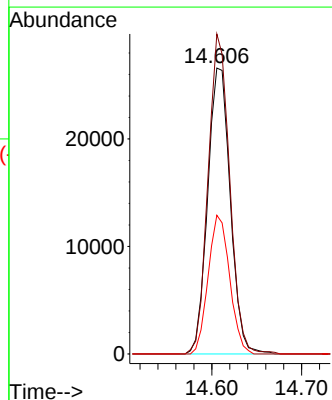
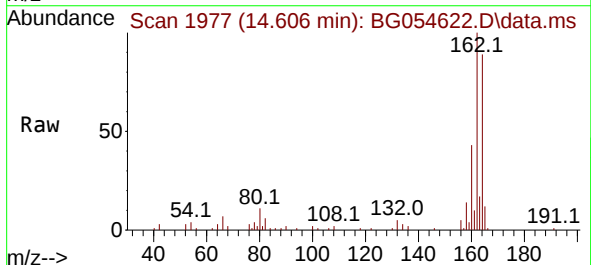
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-08

Tgt Ion: 82 Resp: 77035
Ion Ratio Lower Upper
82 100
128 38.9 27.9 41.9
54 54.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.606 min Scan# 1977
Delta R.T. -0.002 min
Lab File: BG054622.D
Acq: 12 Aug 2022 14:44

Tgt Ion:164 Resp: 46521
Ion Ratio Lower Upper
164 100
162 111.9 82.3 123.5
160 48.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 101.438 ng

RT: 16.104 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG054622.D

Acq: 12 Aug 2022 14:44

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-08

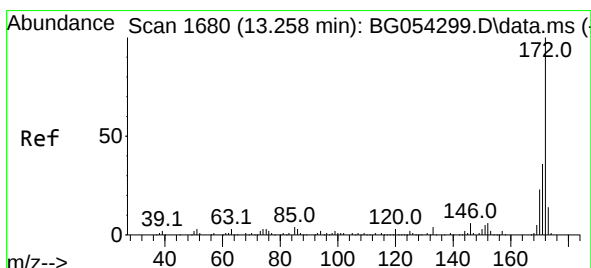
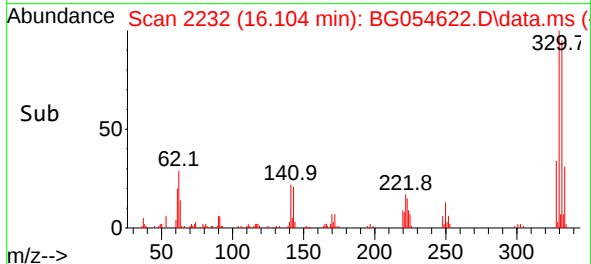
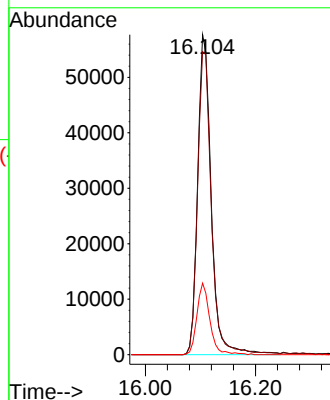
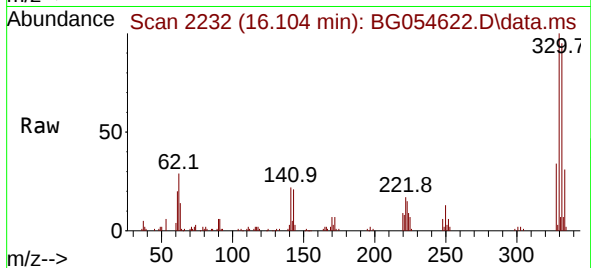
Tgt Ion:330 Resp: 99081

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 21.3 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 69.949 ng

RT: 13.225 min Scan# 1742

Delta R.T. -0.002 min

Lab File: BG054622.D

Acq: 12 Aug 2022 14:44

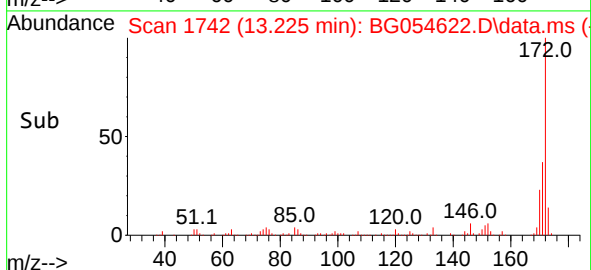
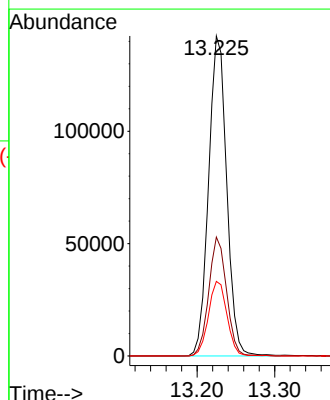
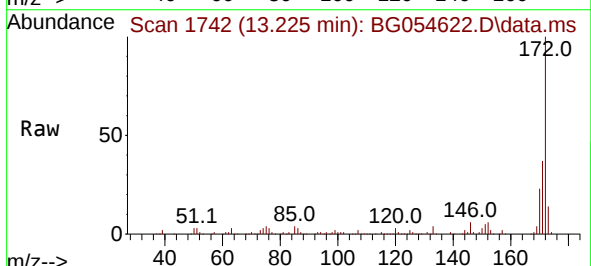
Tgt Ion:172 Resp: 230674

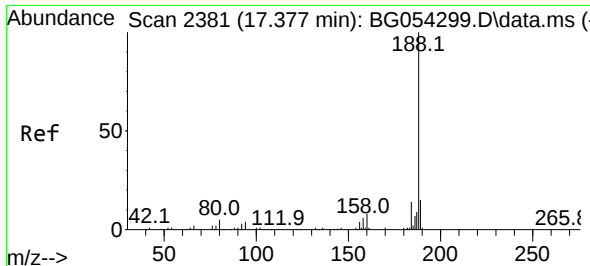
Ion Ratio Lower Upper

172 100

171 37.2 28.5 42.7

170 23.3 18.9 28.3

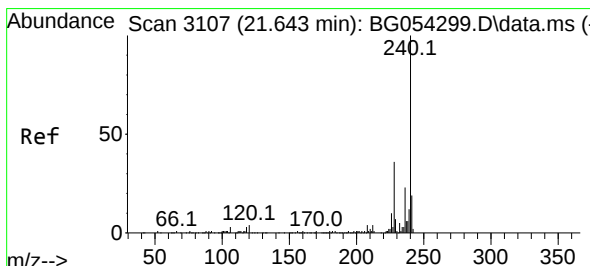
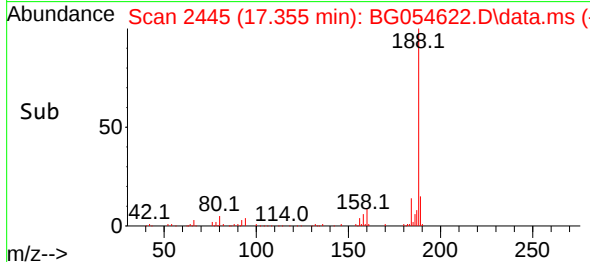
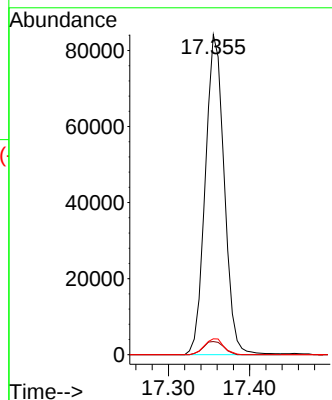
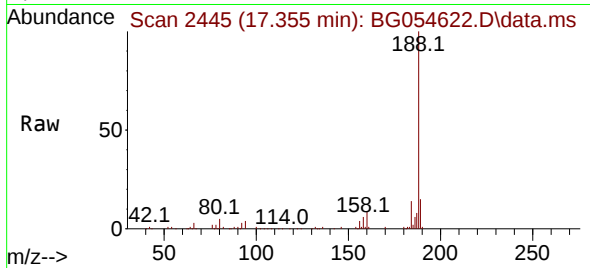




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.355 min Scan# 2445
Delta R.T. -0.002 min
Lab File: BG054622.D
Acq: 12 Aug 2022 14:44

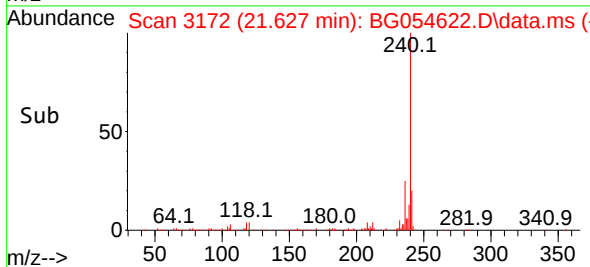
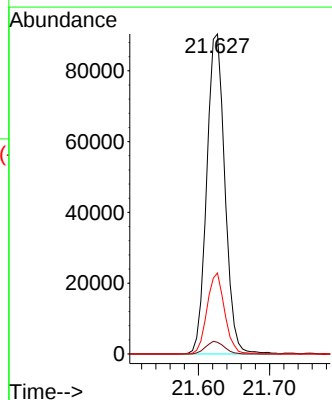
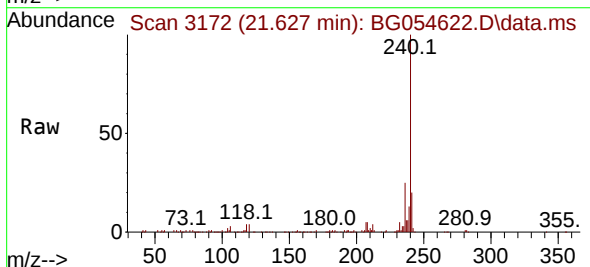
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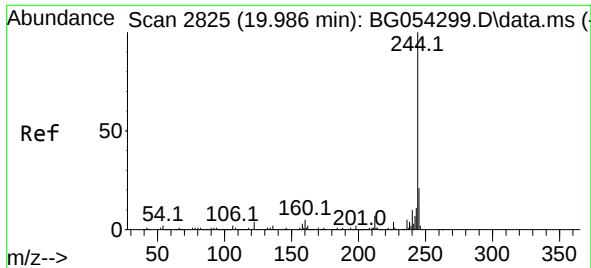
Tgt Ion:188 Resp: 136059
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 5.0 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3172
Delta R.T. -0.002 min
Lab File: BG054622.D
Acq: 12 Aug 2022 14:44

Tgt Ion:240 Resp: 160144
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 25.3 20.2 30.4

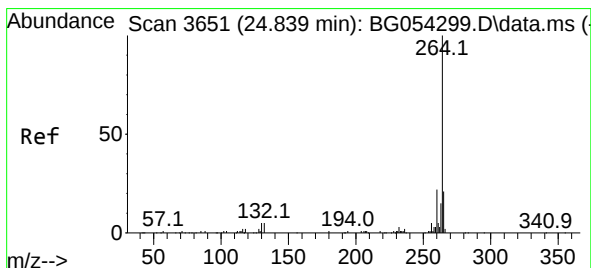
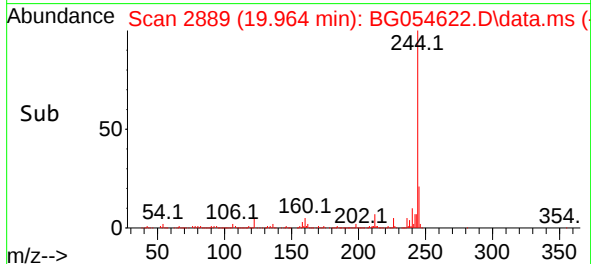
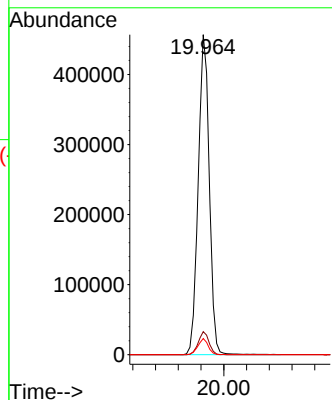
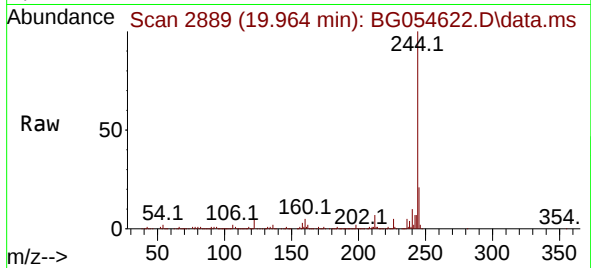




#79
 Terphenyl-d14
 Concen: 76.676 ng
 RT: 19.964 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054622.D
 Acq: 12 Aug 2022 14:44

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 618973
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 5.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.829 min Scan# 3717
 Delta R.T. 0.004 min
 Lab File: BG054622.D
 Acq: 12 Aug 2022 14:44

Tgt Ion:264 Resp: 166737
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.7 17.4 26.2

