

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055386.D
 Acq On : 31 Oct 2022 19:53
 Operator : CG/JU
 Sample : N5377-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIQUID-WC-20221028

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/01/2022
 Supervised By : mohammad ahmed 11/04/2022

Quant Time: Nov 01 06:50:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	33890	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	137228	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	93722	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	201745	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	194787	20.000	ng	0.00
86) Perylene-d12	25.274	264	207843	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	182073	94.070	ng	0.00
7) Phenol-d6	7.407	99	279014	99.503	ng	0.00
23) Nitrobenzene-d5	9.434	82	217824	81.054	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	2606m	2.558	ng	0.02
45) 2-Fluorobiphenyl	13.500	172	522353	91.223	ng	-0.01
79) Terphenyl-d14	20.180	244	745651	79.535	ng	0.00

Target Compounds Qvalue

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

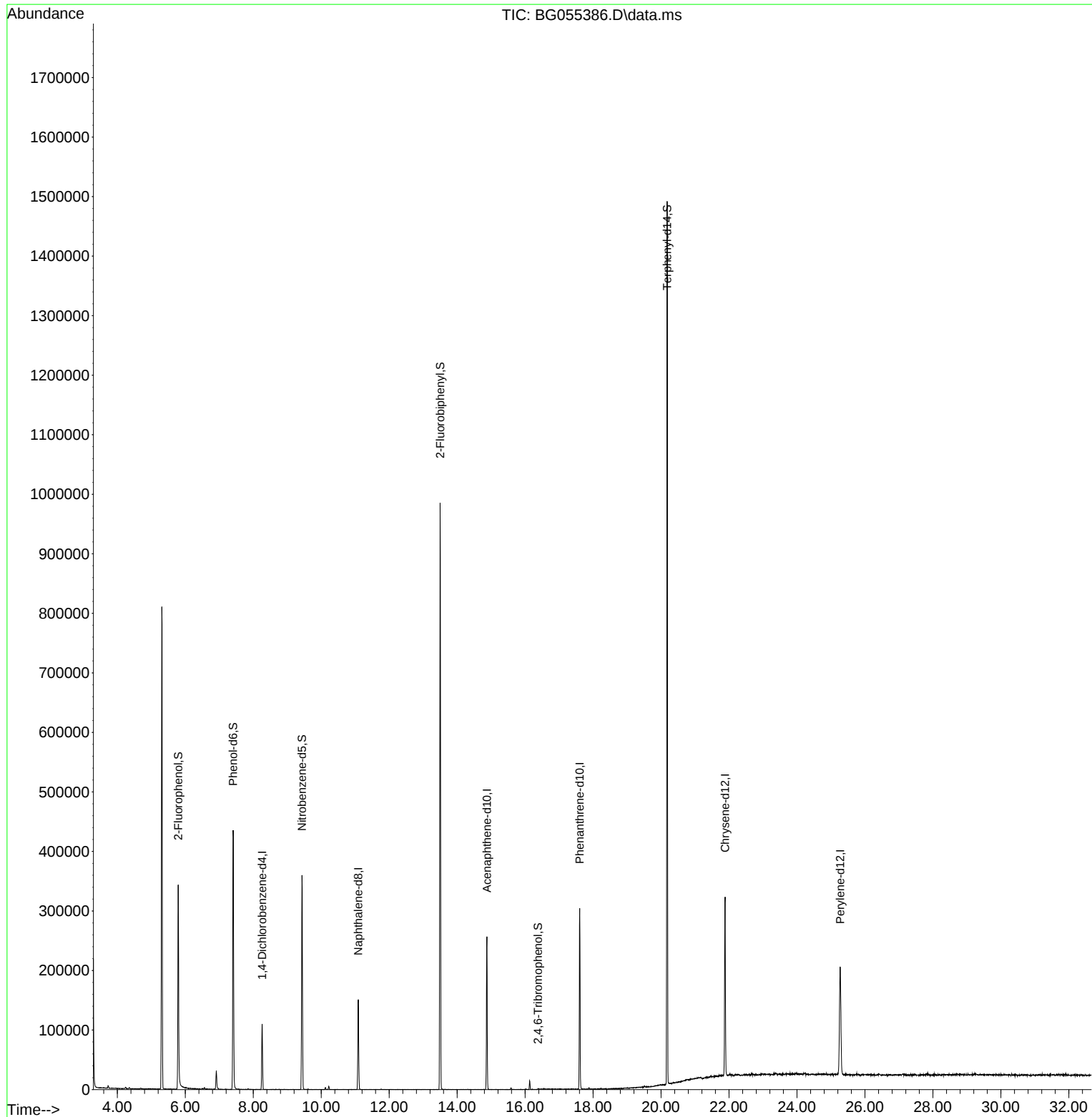
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
Data File : BG055386.D
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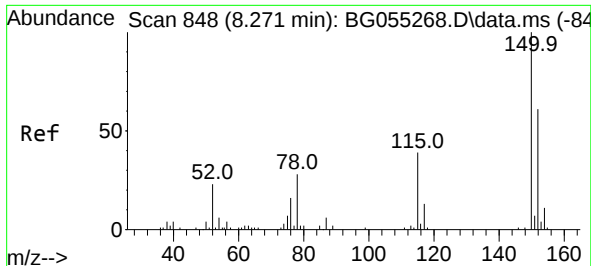
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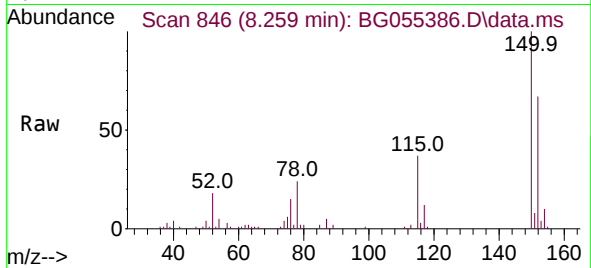
Reviewed By :Christian Giraldo 11/01/2022
Supervised By :mohammad ahmed 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055386.D
Acq: 31 Oct 2022 19:53

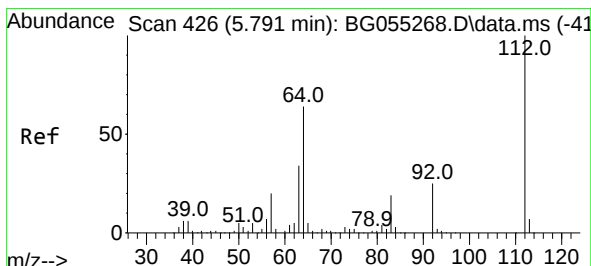
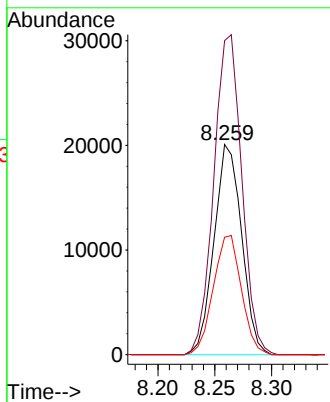
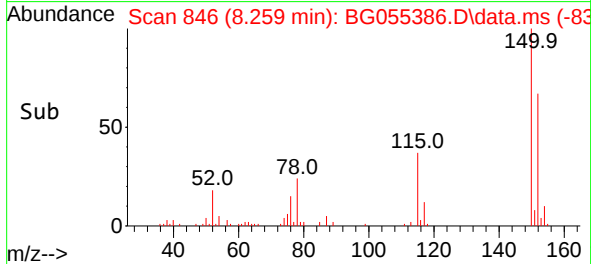
Instrument :
BNA_G
ClientSampleId :
LIQUID-WC-20221028



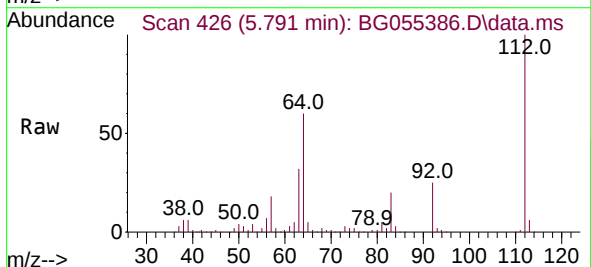
Tgt Ion:152 Resp: 33890
Ion Ratio Lower Upper
152 100
150 149.5 118.2 177.4
115 55.8 44.5 66.7

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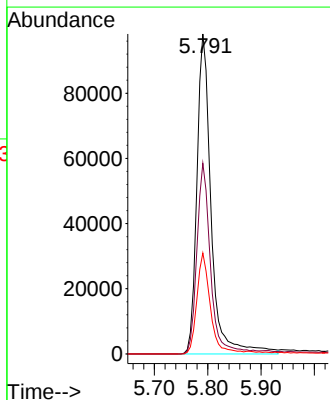
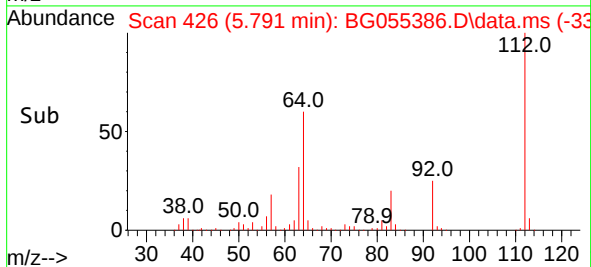
Reviewed By :Christian Giraldo 11/01/2022
Supervised By :mohammad ahmed 11/04/2022

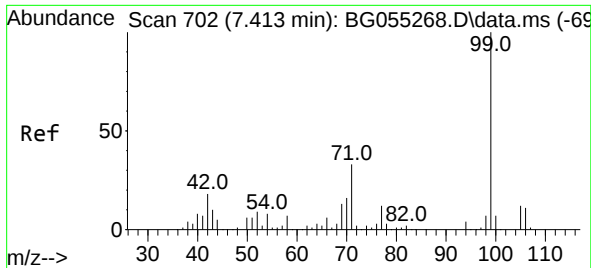


#5
2-Fluorophenol
Concen: 94.070 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.006 min
Lab File: BG055386.D
Acq: 31 Oct 2022 19:53



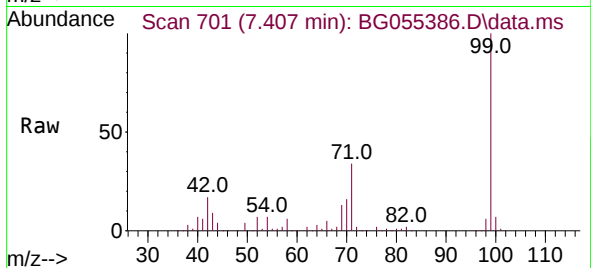
Tgt Ion:112 Resp: 182073
Ion Ratio Lower Upper
112 100
64 59.6 52.6 78.8
63 31.5 27.1 40.7





#7
Phenol-d6
Concen: 99.503 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055386.D
Acq: 31 Oct 2022 19:53

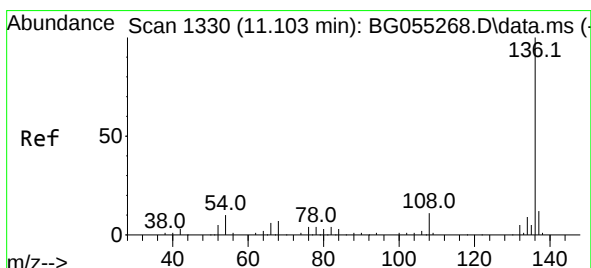
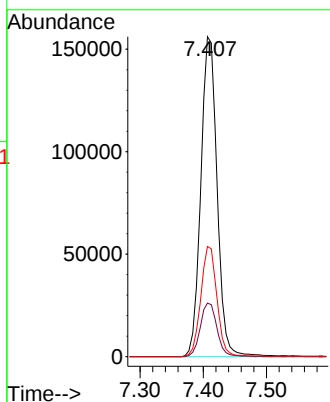
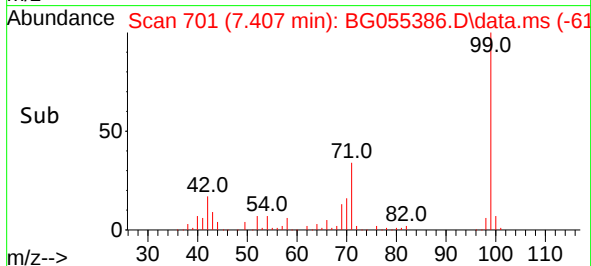
Instrument :
BNA_G
ClientSampleId :
LIQUID-WC-20221028



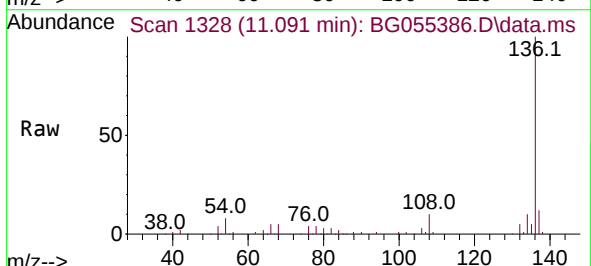
Tgt Ion: 99 Resp: 279014
Ion Ratio Lower Upper
99 100
42 16.7 15.2 22.8
71 34.5 26.2 39.4

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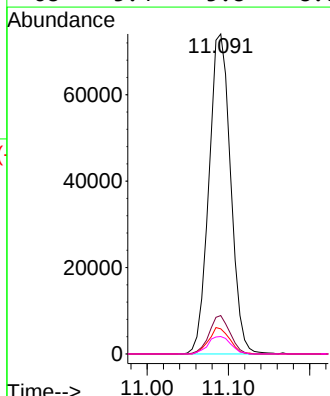
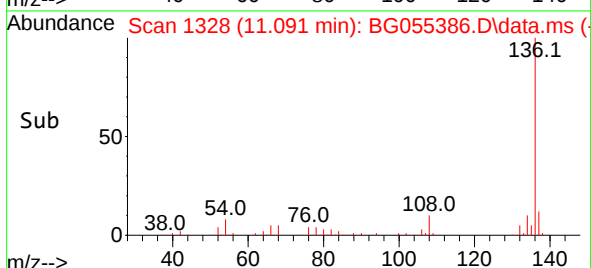
Reviewed By :Christian Giraldo 11/01/2022
Supervised By :mohammad ahmed 11/04/2022

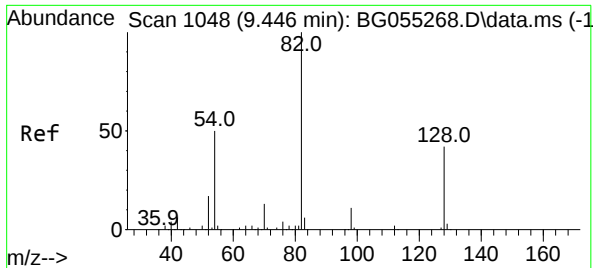


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055386.D
Acq: 31 Oct 2022 19:53



Tgt Ion:136 Resp: 137228
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 7.8 7.8 11.8
68 5.4 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 81.054 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055386.D

Acq: 31 Oct 2022 19:53

Instrument :

BNA_G

ClientSampleId :

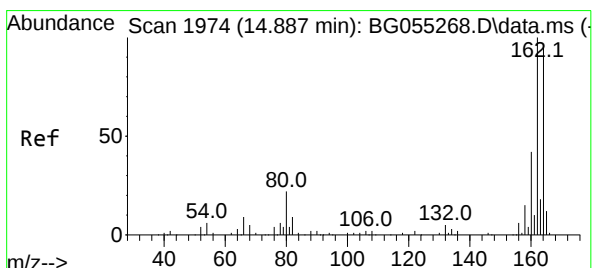
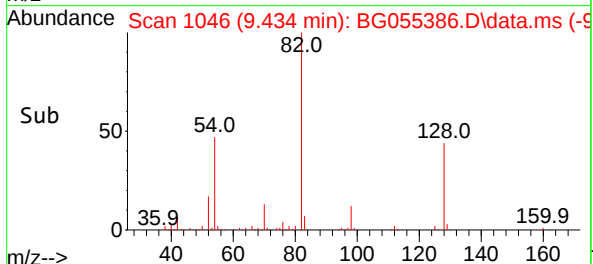
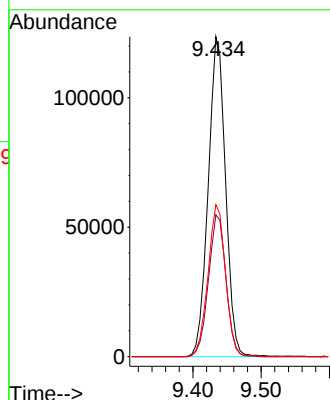
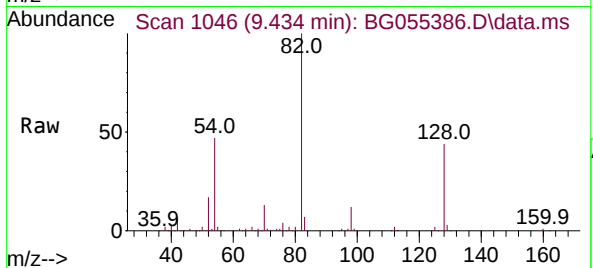
LIQUID-WC-20221028

Tgt Ion:	82	Resp:	217824
Ion Ratio	Lower	Upper	
82	100		
128	44.3	32.0	48.0
54	47.5	40.9	61.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

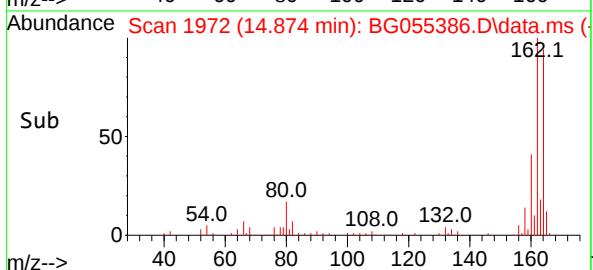
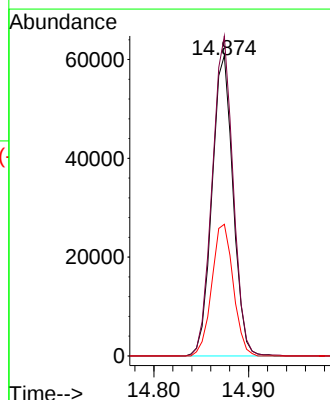
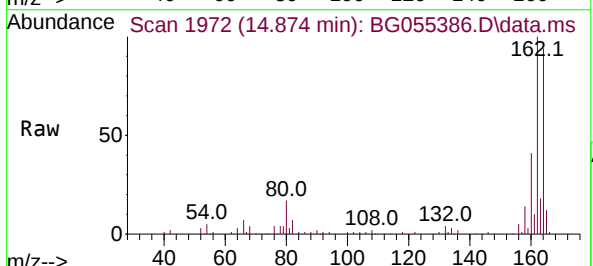
RT: 14.874 min Scan# 1972

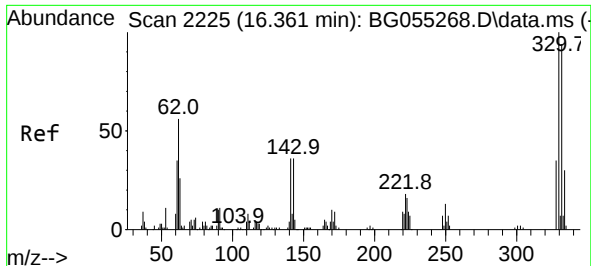
Delta R.T. -0.006 min

Lab File: BG055386.D

Acq: 31 Oct 2022 19:53

Tgt Ion:	164	Resp:	93722
Ion Ratio	Lower	Upper	
164	100		
162	106.5	84.0	126.0
160	43.8	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 2.558 ng m

RT: 16.379 min Scan# 21

Delta R.T. 0.017 min

Lab File: BG055386.D

Acq: 31 Oct 2022 19:53

Instrument :

BNA_G

ClientSampleId :

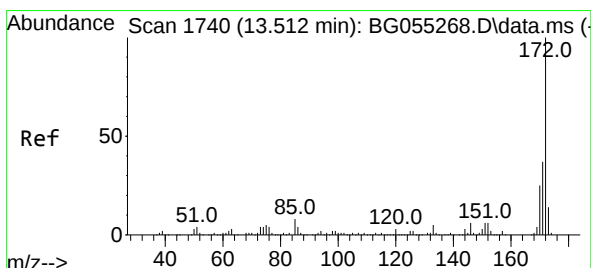
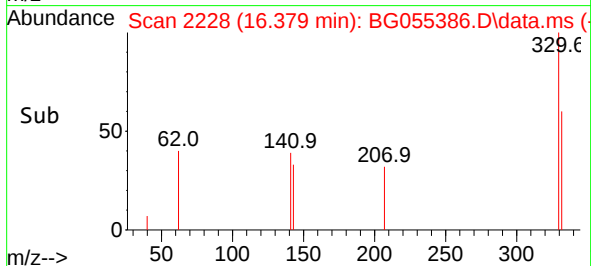
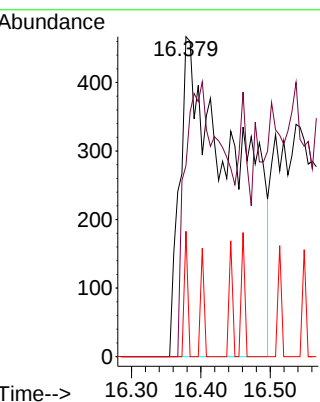
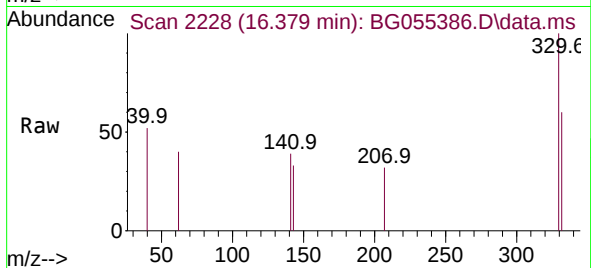
LIQUID-WC-20221028

Tgt Ion:	330	Resp:	2600
Ion Ratio	Lower	Upper	
330	100		
332	0.0	77.4	116.0
141	2.5	29.8	44.8

Manual Integrations

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#45

2-Fluorobiphenyl

Concen: 91.223 ng

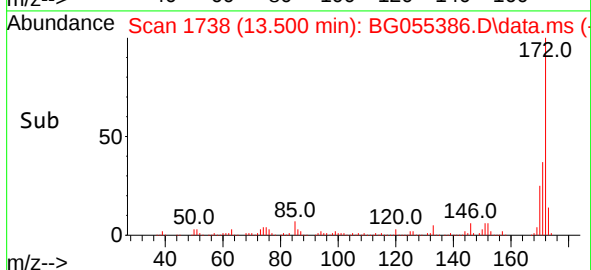
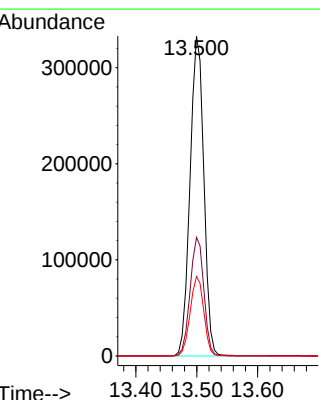
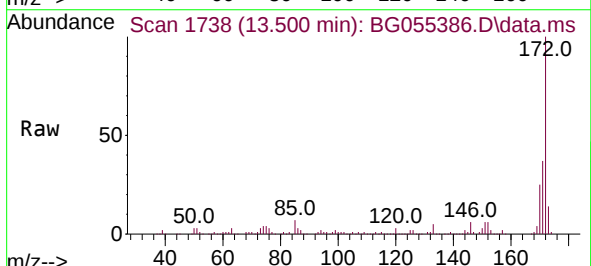
RT: 13.500 min Scan# 1738

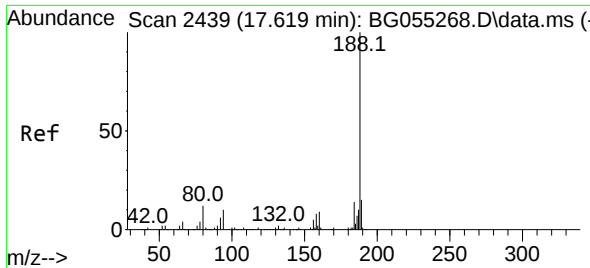
Delta R.T. -0.012 min

Lab File: BG055386.D

Acq: 31 Oct 2022 19:53

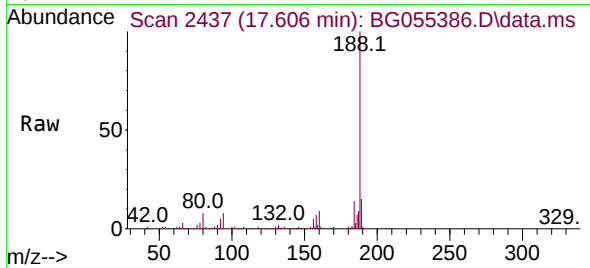
Tgt Ion:	172	Resp:	522353
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.7	44.5
170	24.8	20.2	30.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055386.D
Acq: 31 Oct 2022 19:53

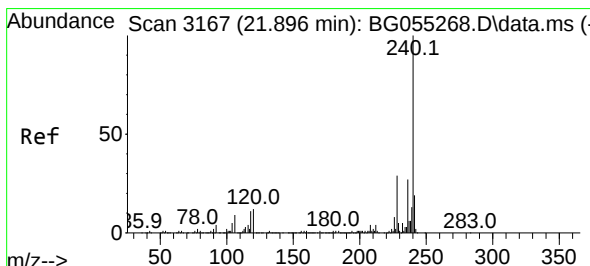
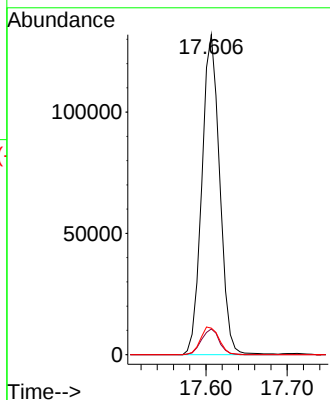
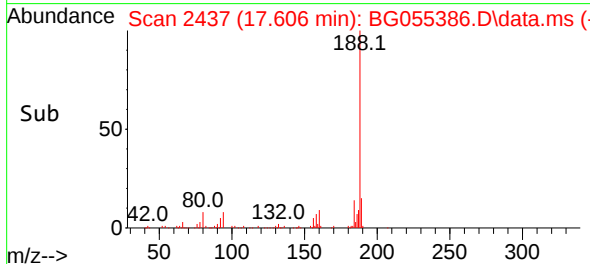
Instrument :
BNA_G
ClientSampleId :
LIQUID-WC-20221028



Tgt Ion:188 Resp: 201745
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.4
80 8.3 10.1 15.1

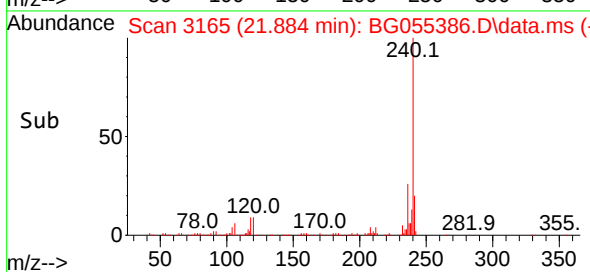
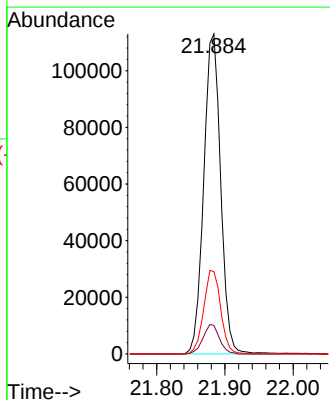
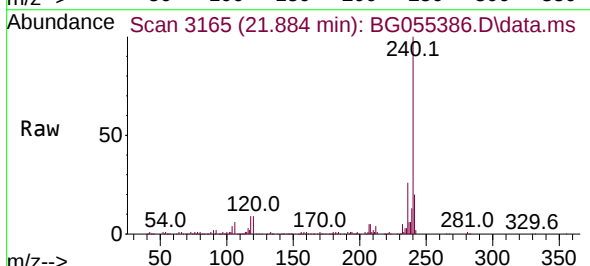
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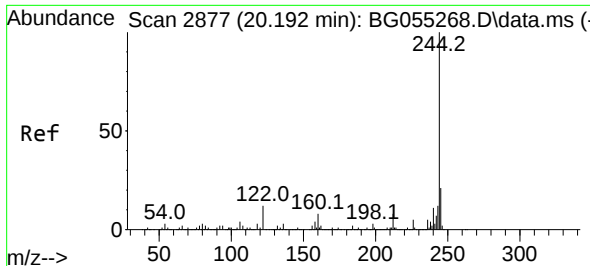
Reviewed By :Christian Giraldo 11/01/2022
Supervised By :mohammad ahmed 11/04/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055386.D
Acq: 31 Oct 2022 19:53

Tgt Ion:240 Resp: 194787
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3
236 25.7 21.0 31.4





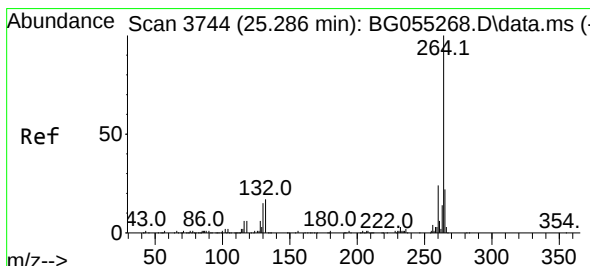
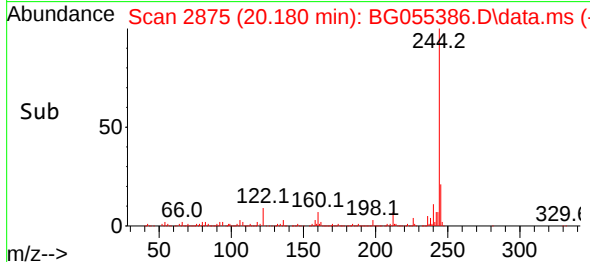
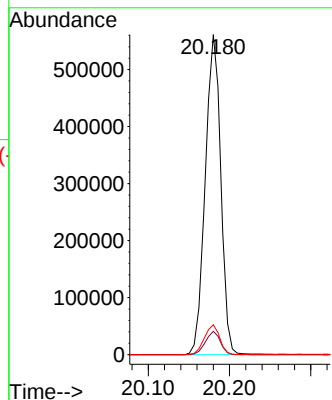
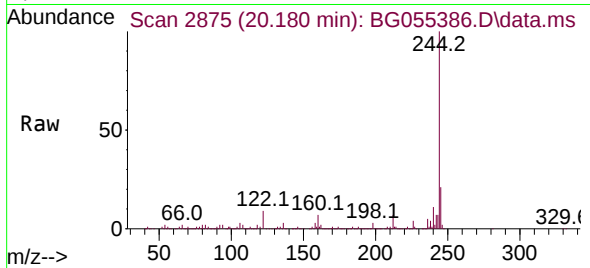
#79
Terphenyl-d14
Concen: 79.535 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055386.D
Acq: 31 Oct 2022 19:53

Instrument :
BNA_G
ClientSampleId :
LIQUID-WC-20221028

Tgt Ion:244 Resp: 74565
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.3 9.6 14.4

Manual Integrations
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.274 min Scan# 3742
Delta R.T. -0.012 min
Lab File: BG055386.D
Acq: 31 Oct 2022 19:53

Tgt Ion:264 Resp: 207843
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 20.5 17.4 26.2

