

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054523.D
 Acq On : 4 Aug 2022 17:44
 Operator : CG/JU
 Sample : N3930-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-99D

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/05/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 18:32:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	21248	20.00	ng	0.00
21) Naphthalene-d8	10.792	136	80704	20.00	ng	# 0.00
39) Acenaphthene-d10	14.623	164	57750	20.00	ng	0.00
64) Phenanthrene-d10	17.373	188	131425	20.00	ng	# 0.00
76) Chrysene-d12	21.638	240	142670	20.00	ng	# 0.00
86) Perylene-d12	24.852	264	138033	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	83964	82.51	ng	0.00
7) Phenol-d6	7.185	99	111931	80.27	ng	0.01
23) Nitrobenzene-d5	9.147	82	77215	52.10	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	86527	71.36	ng	0.00
45) 2-Fluorobiphenyl	13.242	172	213449	52.14	ng	0.00
79) Terphenyl-d14	19.976	244	357582	49.72	ng	0.00
Target Compounds						Qvalue
78) Pyrene	19.788	202	25498m	3.11	ng	
88) Benzo(b)fluoranthene	23.842	252	18486	2.26	ng	# 72

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

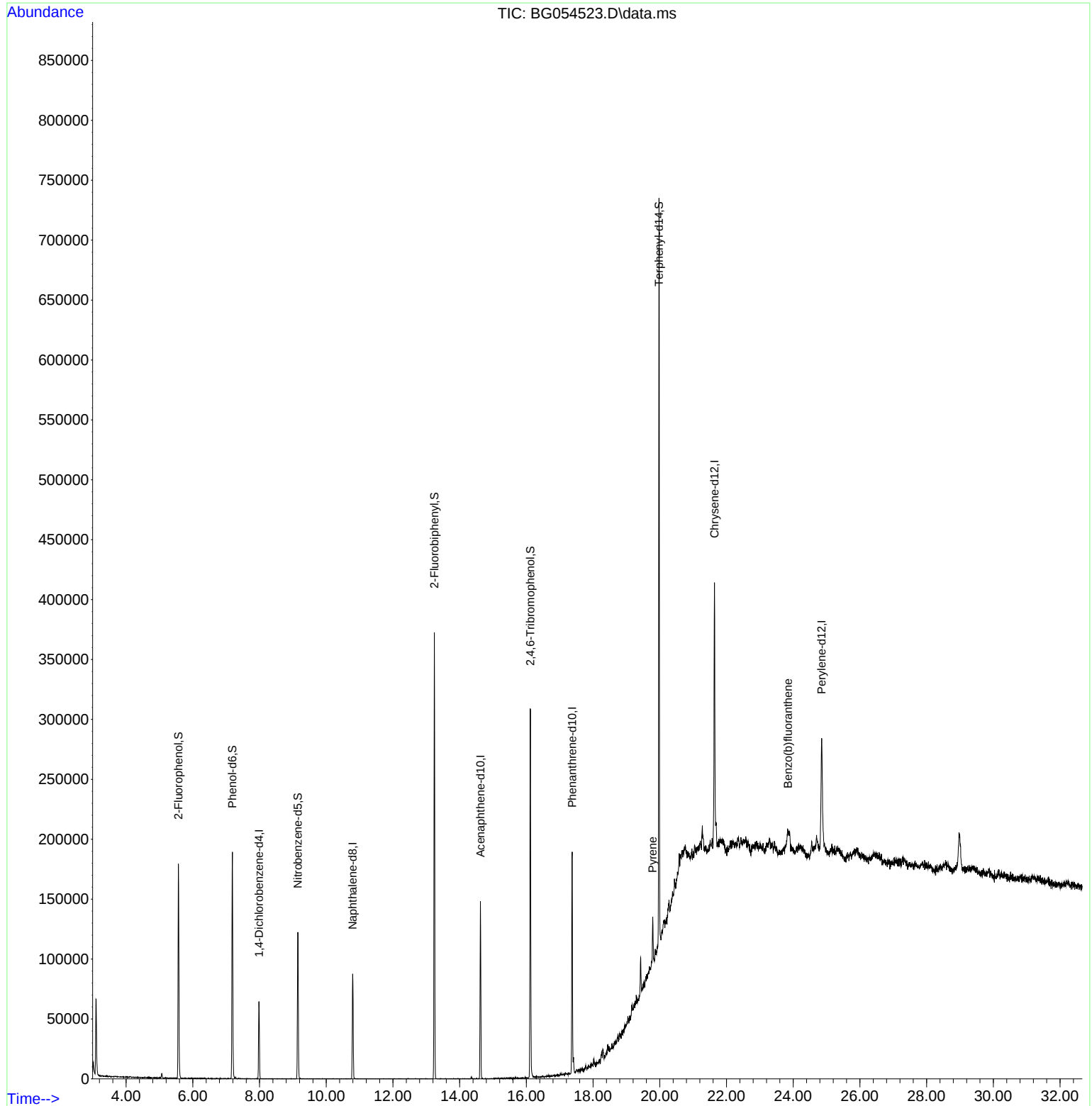
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054523.D
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Operator : CG/JU
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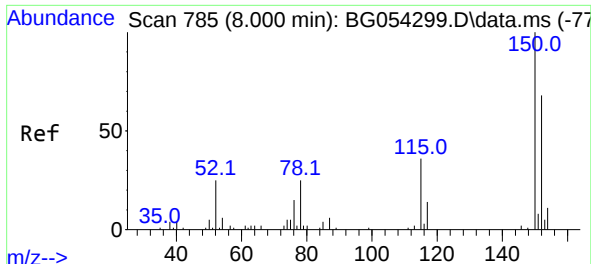
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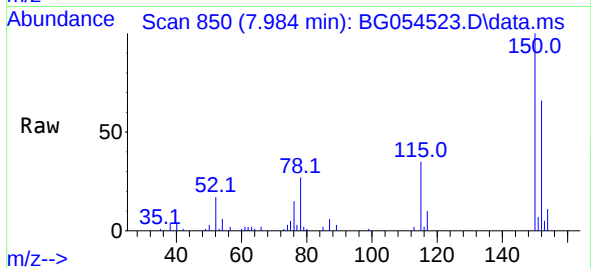
Quant Time: Aug 04 18:32:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

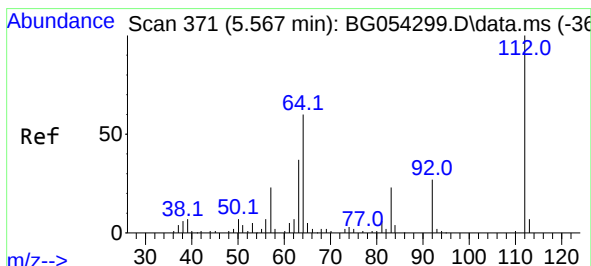
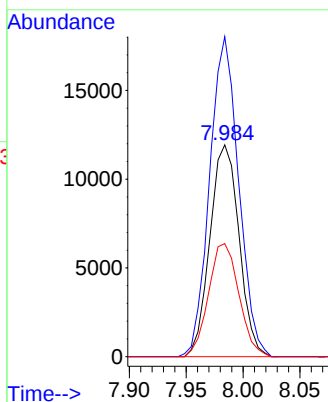
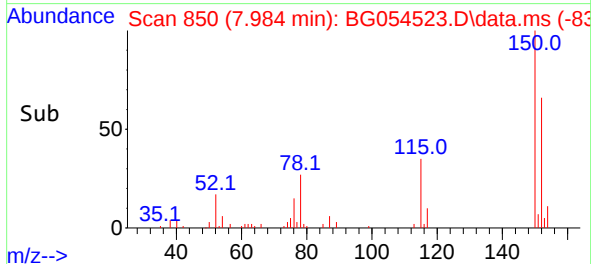
Instrument :
BNA_G
ClientSampleId :
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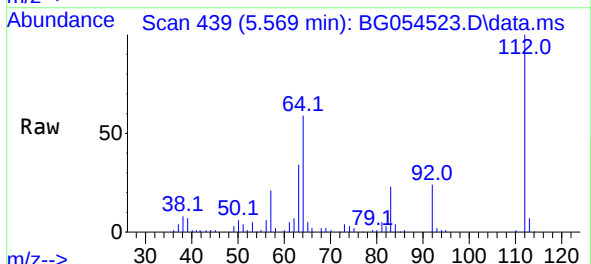
Tgt Ion:152 Resp: 21248
Ion Ratio Lower Upper
152 100
150 151.1 131.6 197.4
115 53.4 50.9 76.3

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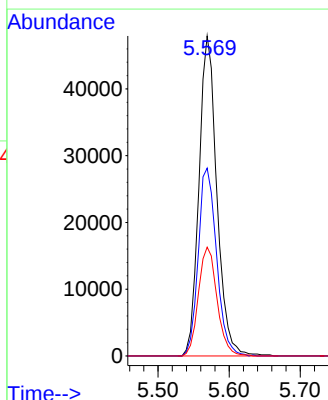
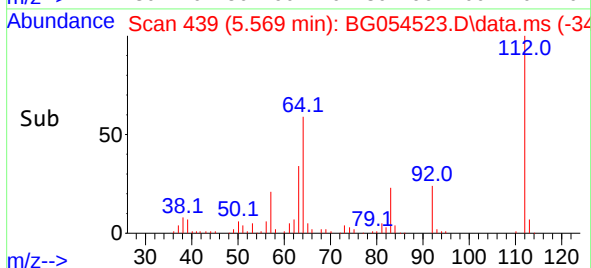
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

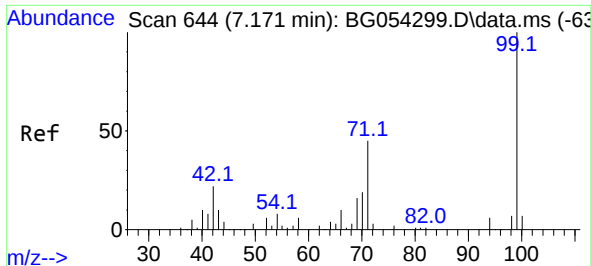


#5
2-Fluorophenol
Concen: 82.51 ng
RT: 5.569 min Scan# 439
Delta R.T. 0.007 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44



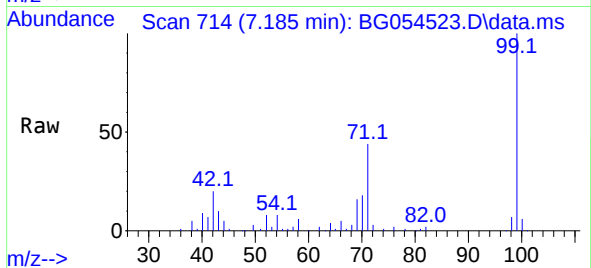
Tgt Ion:112 Resp: 83964
Ion Ratio Lower Upper
112 100
64 58.7 55.1 82.7
63 34.0 30.4 45.6





#7
Phenol-d6
Concen: 80.27 ng
RT: 7.185 min Scan# 71
Delta R.T. 0.013 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

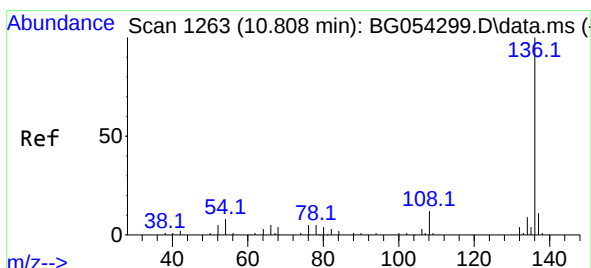
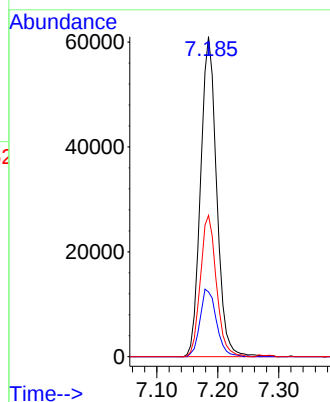
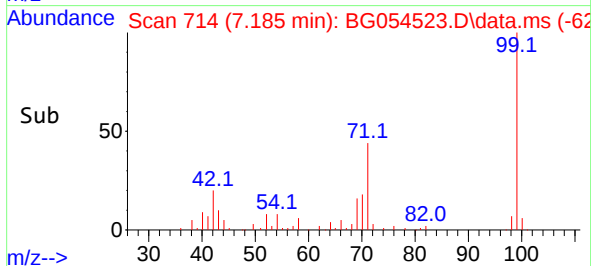
Instrument :
BNA_G
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RVE-99D



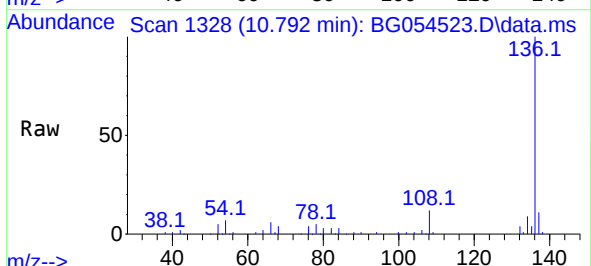
Tgt Ion: 99 Resp: 11193
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 44.2 33.8 50.8

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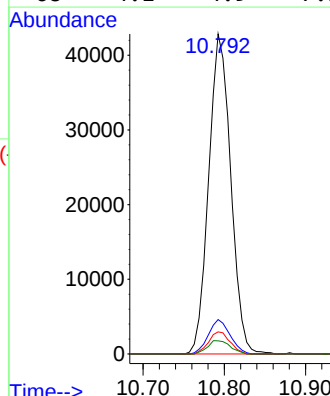
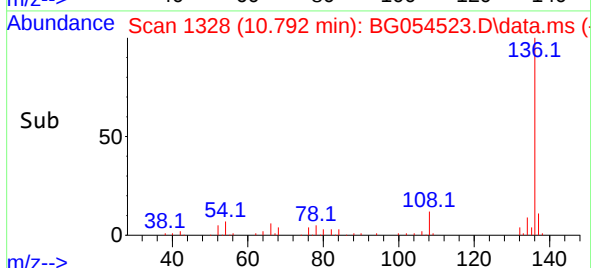
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

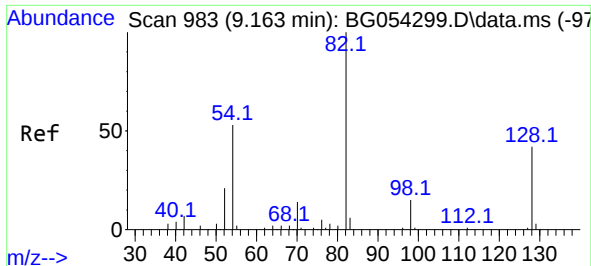


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.792 min Scan# 1328
Delta R.T. -0.005 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44



Tgt Ion:136 Resp: 80704
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.9 7.4 11.2#
68 4.1 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 52.10 ng
RT: 9.147 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Instrument :

BNA_G

ClientSampleId :

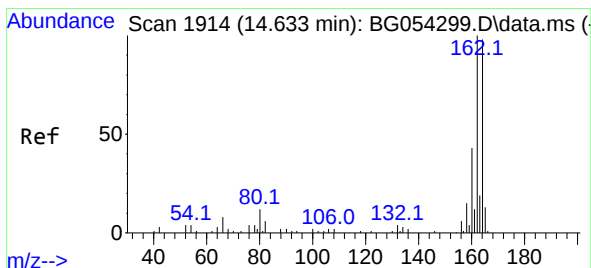
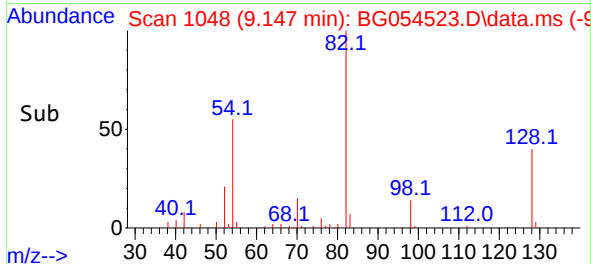
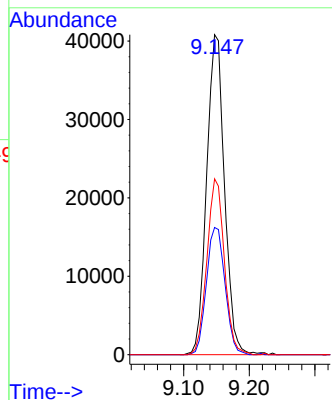
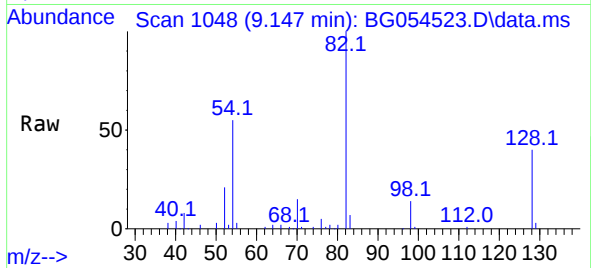
RVE-99D

Tgt Ion: 82 Resp: 77215
Ion Ratio Lower Upper
82 100
128 39.7 27.9 41.9
54 55.0 41.2 61.8

Manual Integrations

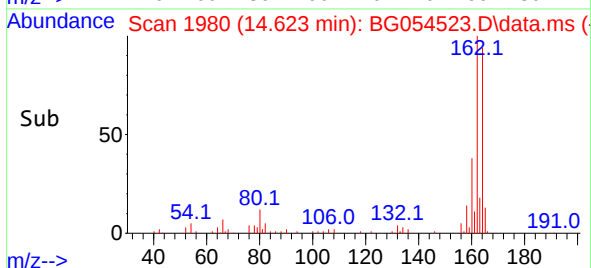
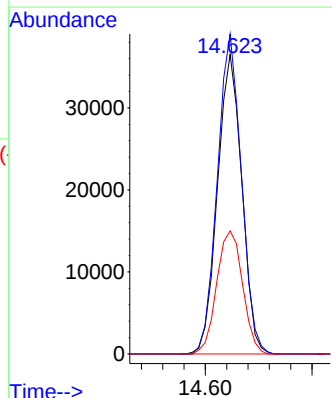
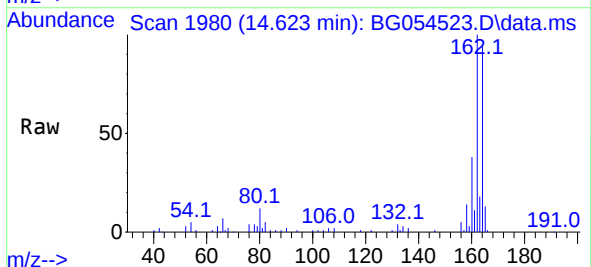
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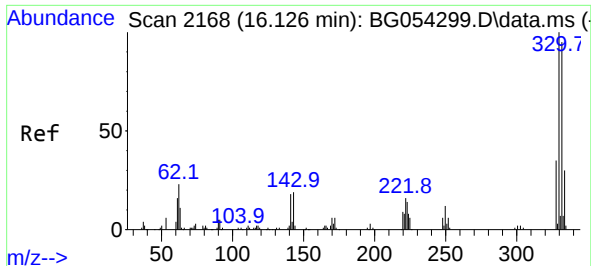
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.623 min Scan# 1980
Delta R.T. 0.001 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion:164 Resp: 57750
Ion Ratio Lower Upper
164 100
162 106.8 82.3 123.5
160 41.1 34.2 51.2





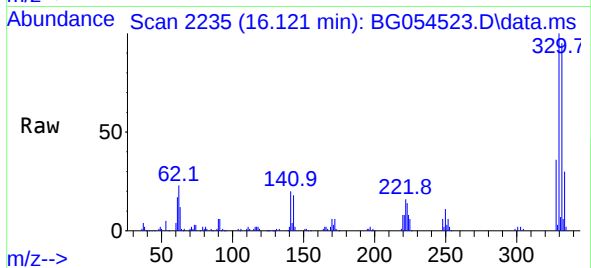
#42
2,4,6-Tribromophenol
Concen: 71.36 ng
RT: 16.121 min Scan# 2168
Delta R.T. 0.007 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Instrument :

BNA_G

ClientSampleId :

RVE-99D

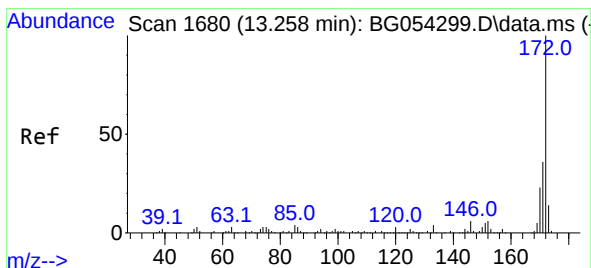
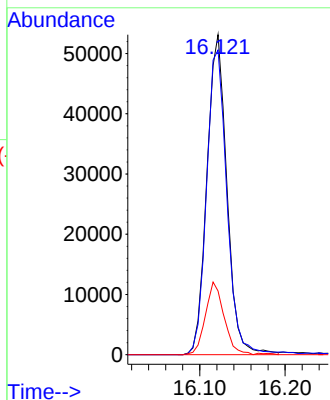
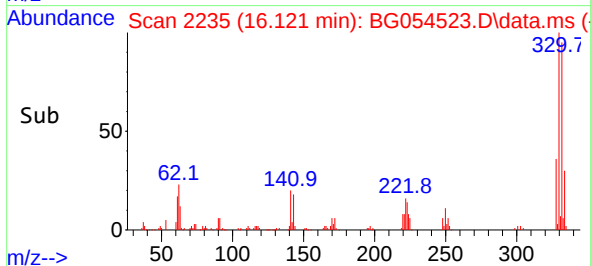


Tgt Ion:330 Resp: 8652
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 21.2 27.1 40.7

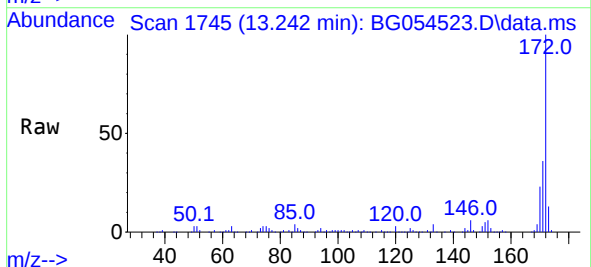
Manual Integrations

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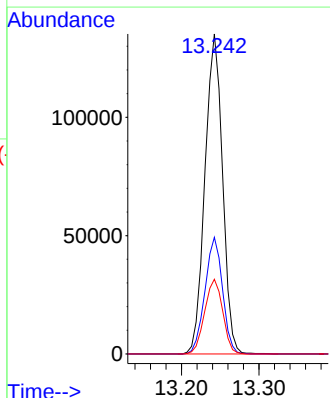
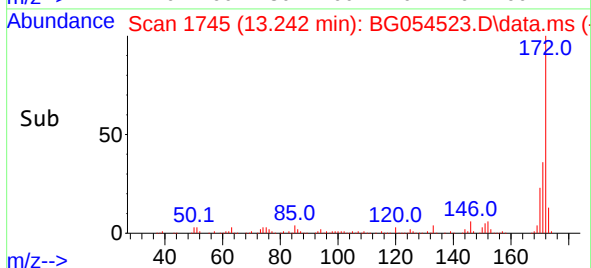
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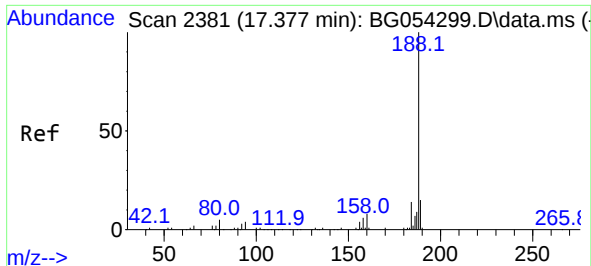


#45
2-Fluorobiphenyl
Concen: 52.14 ng
RT: 13.242 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44



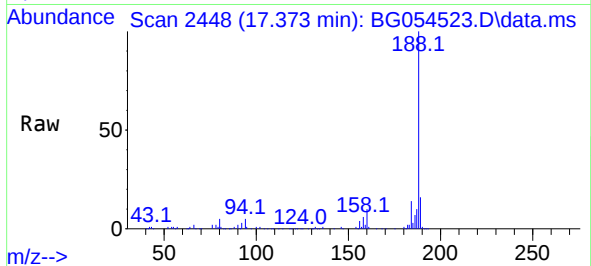
Tgt Ion:172 Resp: 213449
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.373 min Scan# 2448
Delta R.T. 0.001 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

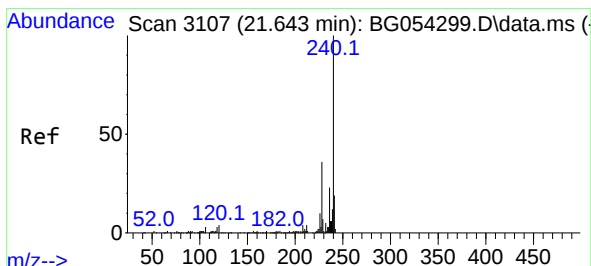
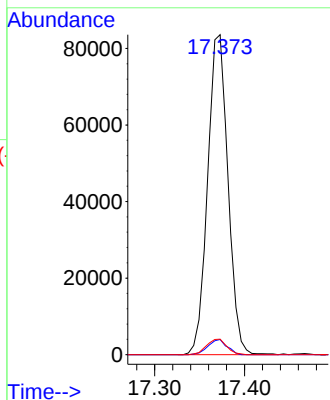
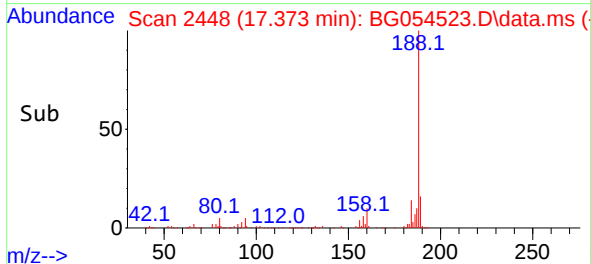
Instrument :
BNA_G
ClientSampleId :
RVE-99D



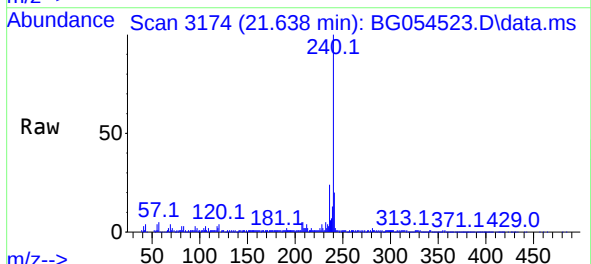
Tgt Ion:188 Resp: 131425
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 4.8 6.8 10.2#

Manual Integrations
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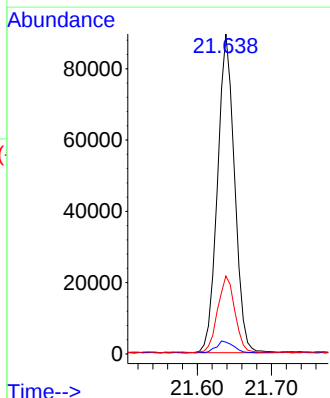
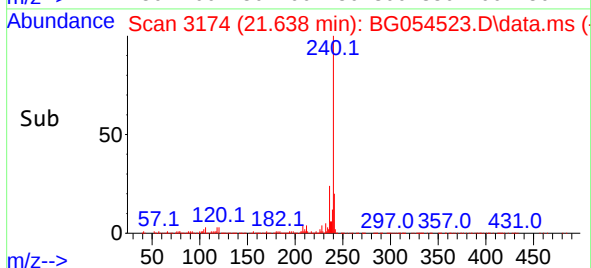
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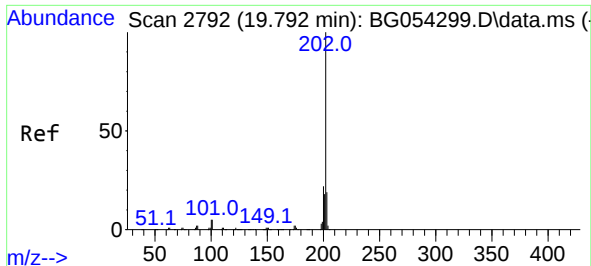


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.638 min Scan# 3174
Delta R.T. 0.001 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44



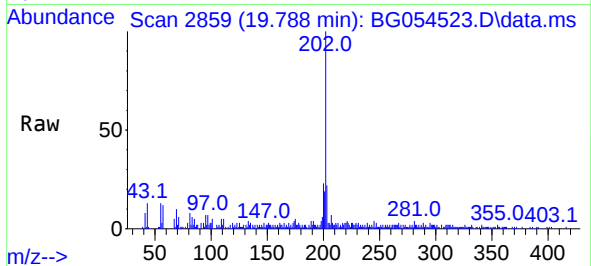
Tgt Ion:240 Resp: 142670
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.4 20.2 30.4





#78
Pyrene
Concen: 3.11 ng m
RT: 19.788 min Scan# 2792
Delta R.T. 0.001 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

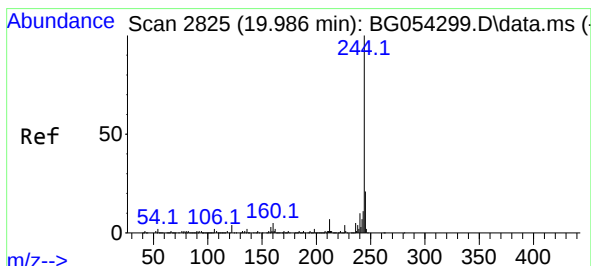
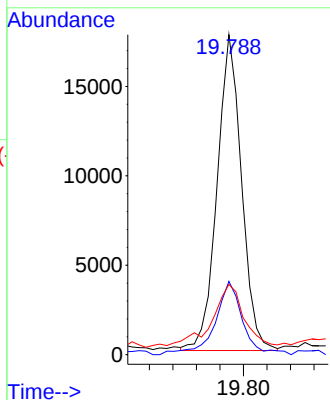
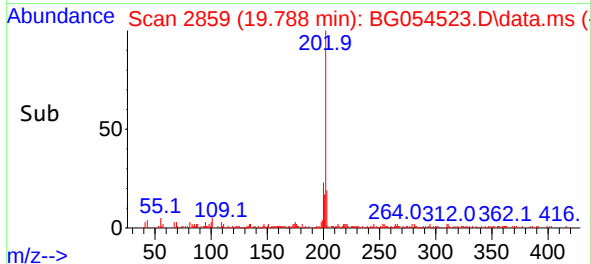
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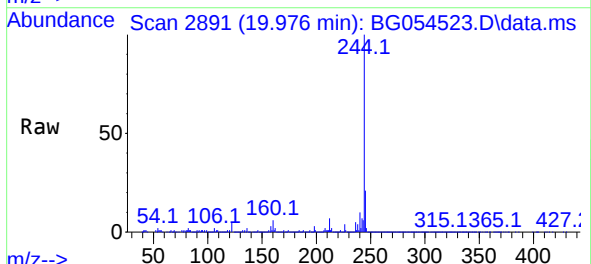
Tgt Ion:202 Resp: 25498
Ion Ratio Lower Upper
202 100
200 22.9 16.6 24.8
203 21.9 14.6 21.8

Manual Integrations
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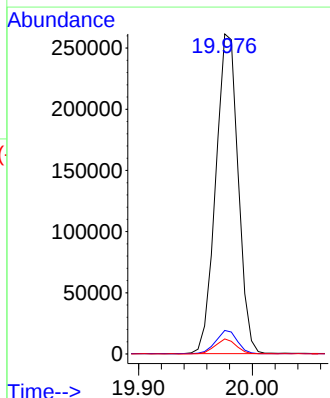
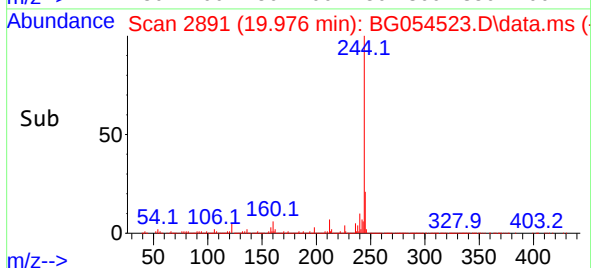
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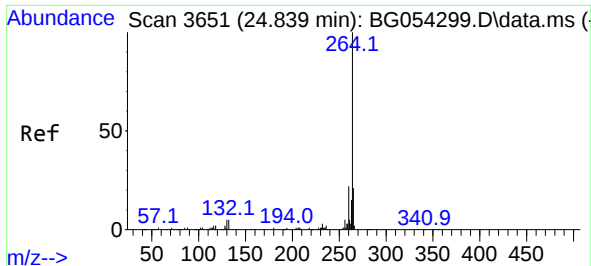


#79
Terphenyl-d14
Concen: 49.72 ng
RT: 19.976 min Scan# 2891
Delta R.T. -0.005 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44



Tgt Ion:244 Resp: 357582
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 4.7 5.0 7.4





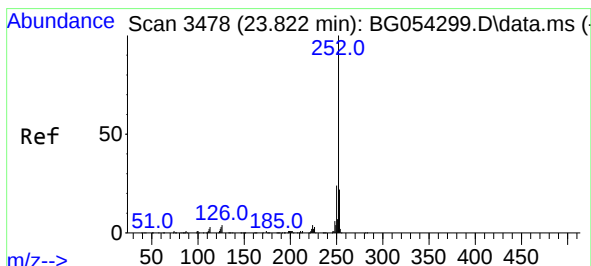
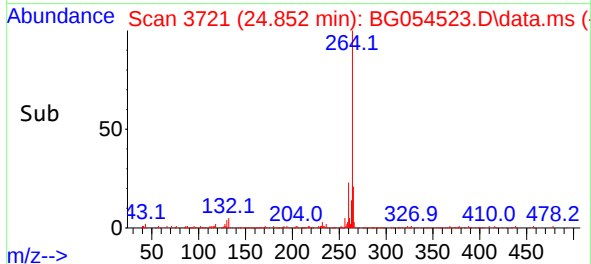
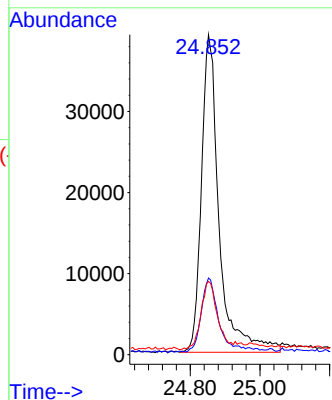
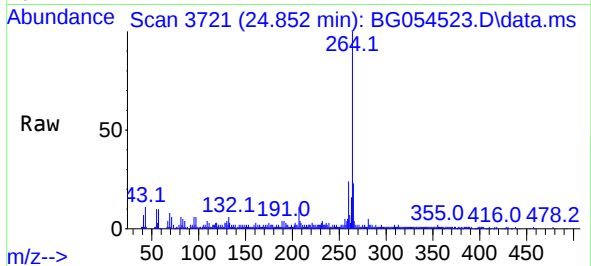
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.852 min Scan# 31
Delta R.T. 0.019 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Instrument :
BNA_G
ClientSampleId :
RVE-99D

Tgt Ion:264 Resp: 13803
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.9 17.4 26.2

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#88
Benzo(b)fluoranthene
Concen: 2.26 ng
RT: 23.842 min Scan# 3549
Delta R.T. 0.019 min
Lab File: BG054523.D
Acq: 4 Aug 2022 17:44

Tgt Ion:252 Resp: 18486
Ion Ratio Lower Upper
252 100
253 35.1 18.0 27.0#
125 17.0 4.6 6.8#

