

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054518.D
 Acq On : 4 Aug 2022 14:13
 Operator : CG/JU
 Sample : N4037-02 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080322-A

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 14:45:48 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	7.982	152	24658	20.000	ng	# 0.00
21) Naphthalene-d8	10.785	136	90566	20.000	ng	#-0.01
39) Acenaphthene-d10	14.616	164	67655	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	160529	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	177980	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	189139	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	9343	7.911	ng	0.00
7) Phenol-d6	7.183	99	13909	8.595	ng	0.01
23) Nitrobenzene-d5	9.146	82	9993	6.009	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	7913	5.571	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	31693	6.608	ng	-0.01
79) Terphenyl-d14	19.968	244	63690	7.099	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.422	202	24001	2.202	ng	94
78) Pyrene	19.780	202	23592m	2.310	ng	

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

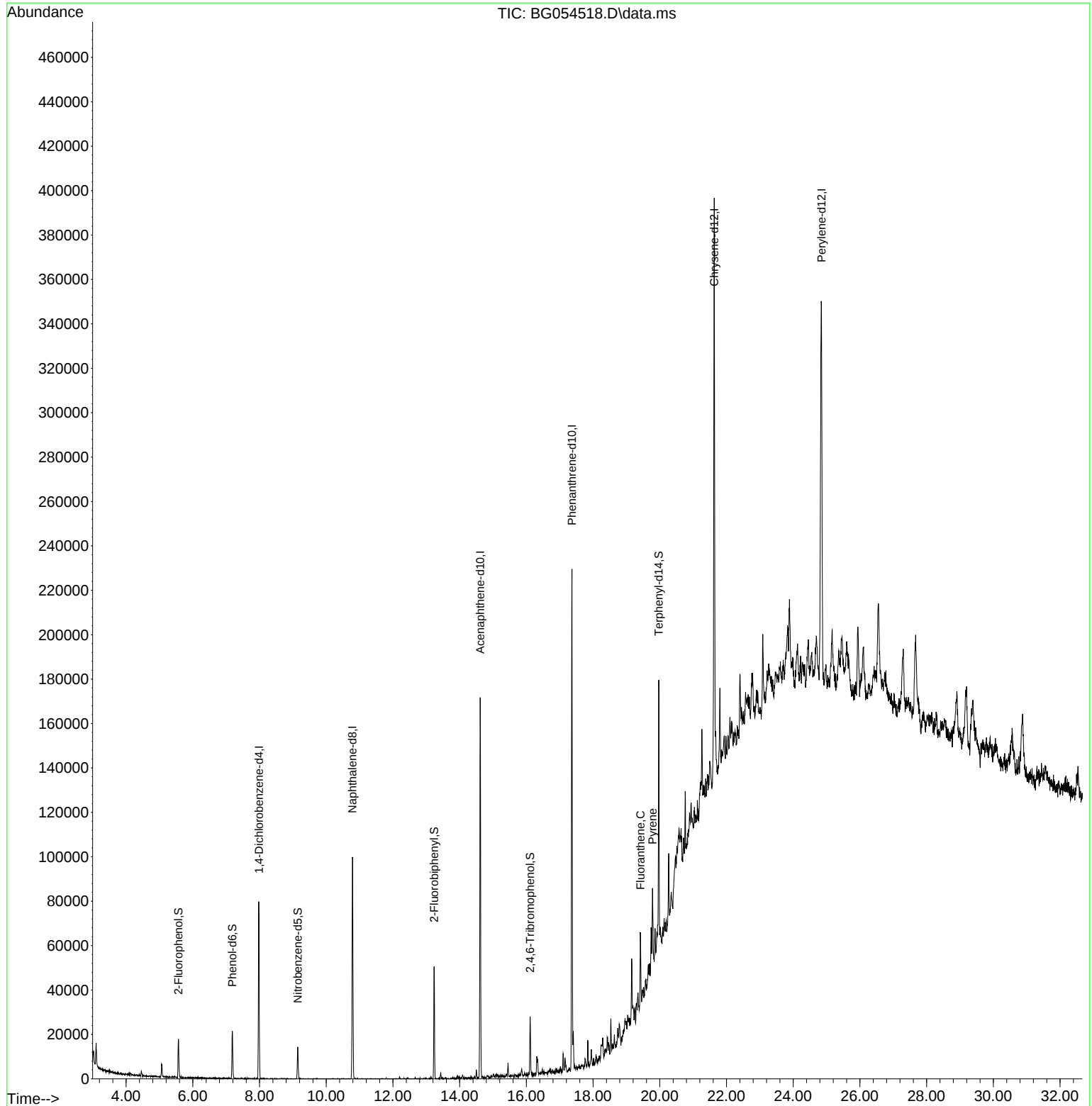
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054518.D
Acq On : 4 Aug 2022 14:13
Operator : CG/JU
Sample : N4037-02 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

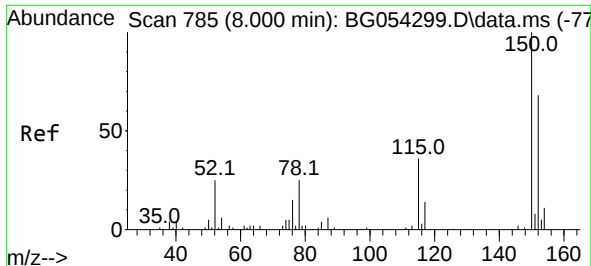
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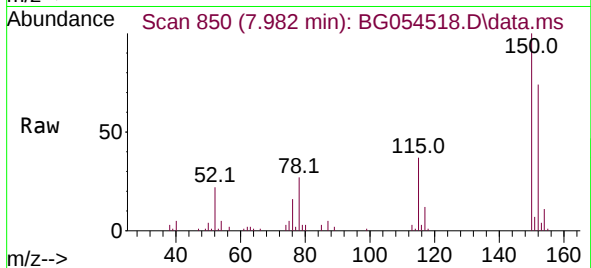
Quant Time: Aug 04 14:45:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

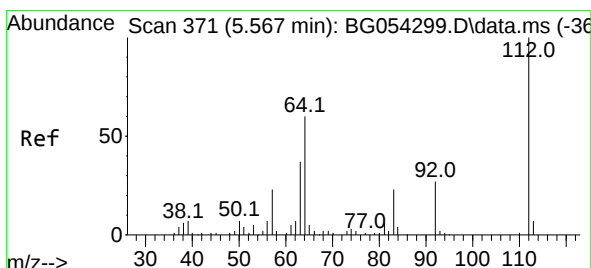
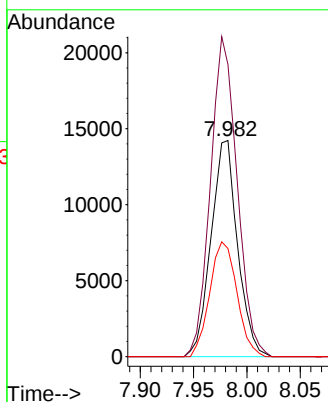
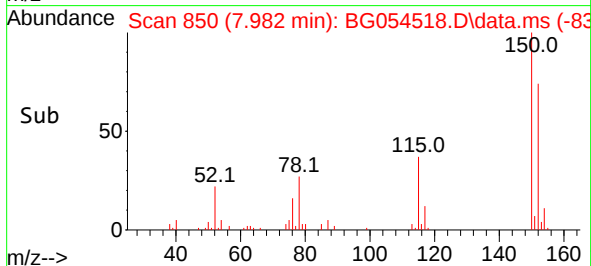
Instrument :
BNA_G
ClientSampleId :
080322-A



Tgt Ion:152 Resp: 24658
Ion Ratio Lower Upper
152 100
150 135.2 131.6 197.4
115 50.1 50.9 76.3

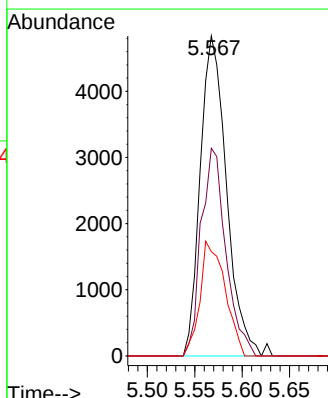
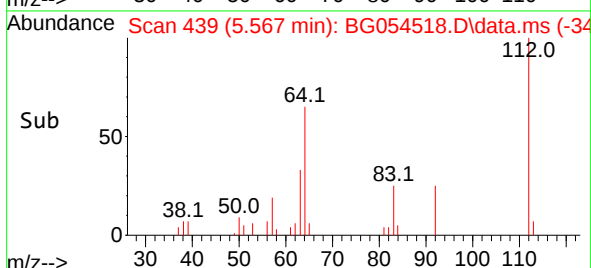
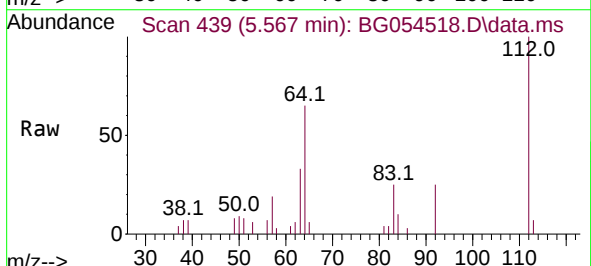
Manual Integrations
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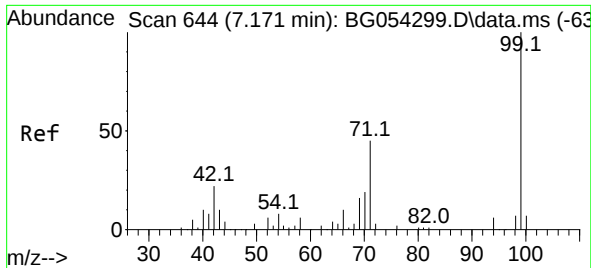
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 7.911 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

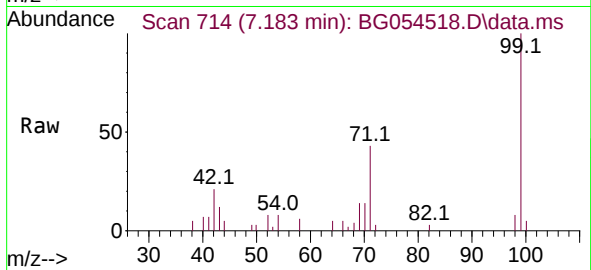
Tgt Ion:112 Resp: 9343
Ion Ratio Lower Upper
112 100
64 64.9 55.1 82.7
63 32.6 30.4 45.6





#7
Phenol-d6
Concen: 8.595 ng
RT: 7.183 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

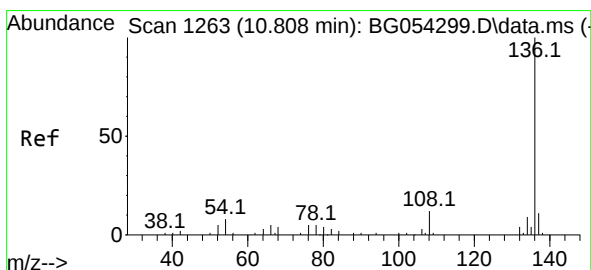
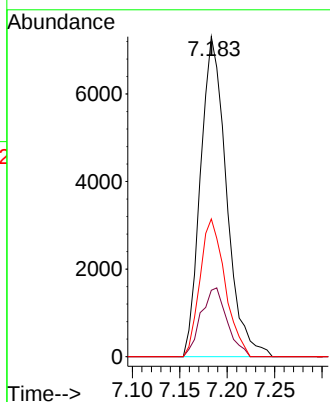
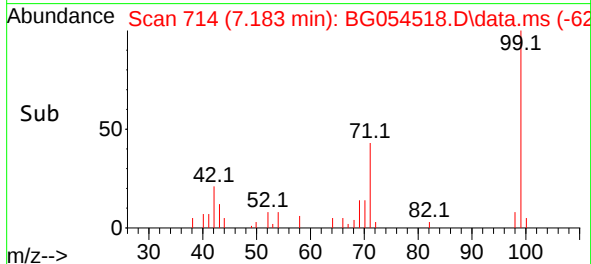
Instrument :
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ClientSampleId :
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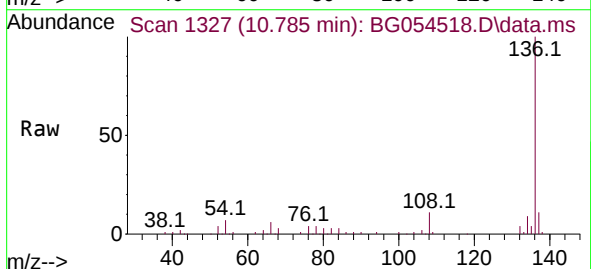
Tgt Ion: 99 Resp: 13909
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 43.0 33.8 50.8

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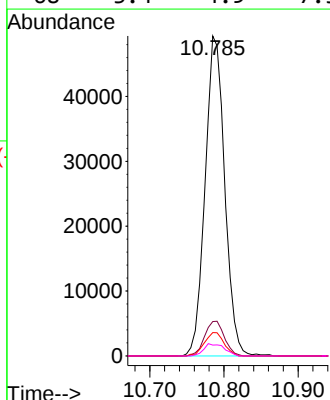
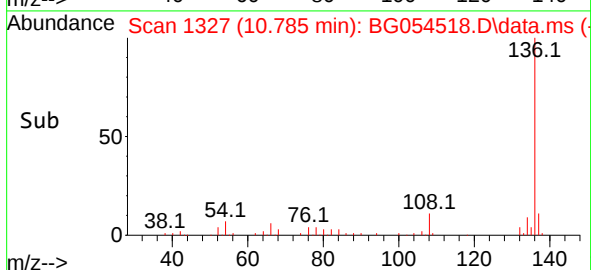
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

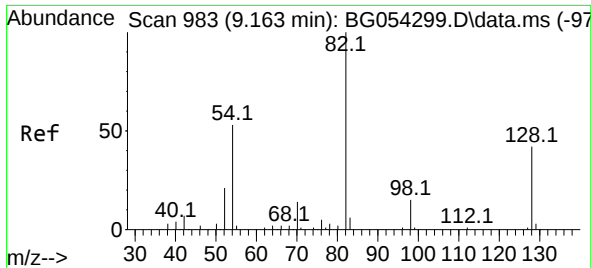


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13



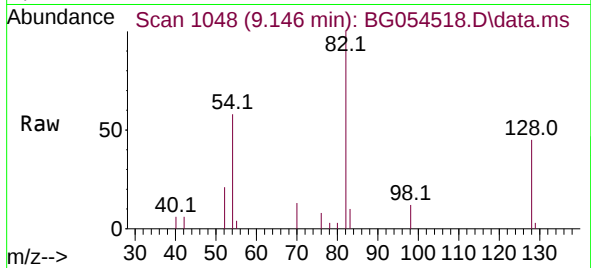
Tgt Ion:136 Resp: 90566
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.3 7.4 11.2#
68 3.4 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 6.009 ng
RT: 9.146 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

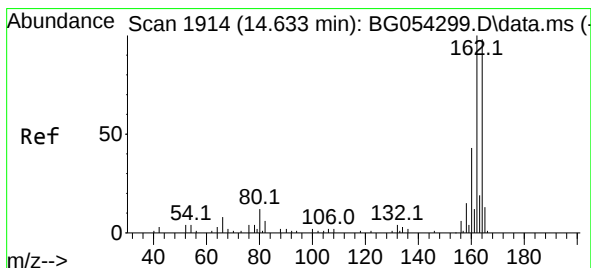
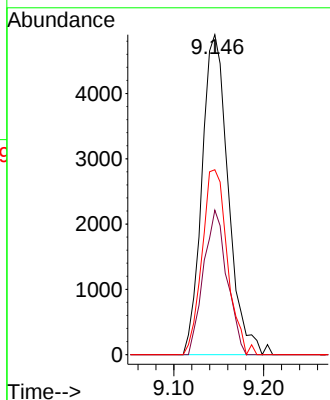
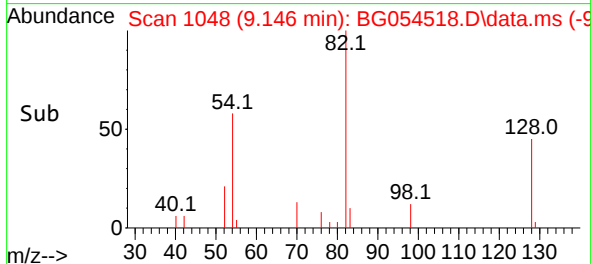
Instrument :
BNA_G
ClientSampleId :
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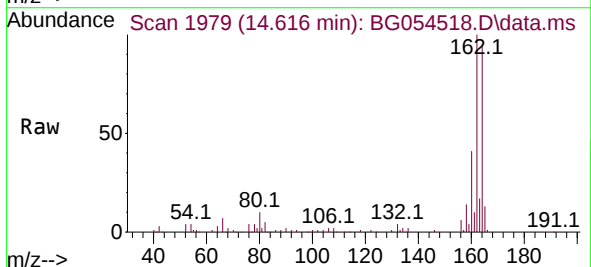
Tgt Ion: 82 Resp: 9993
Ion Ratio Lower Upper
82 100
128 45.1 27.9 41.9
54 57.8 41.2 61.8

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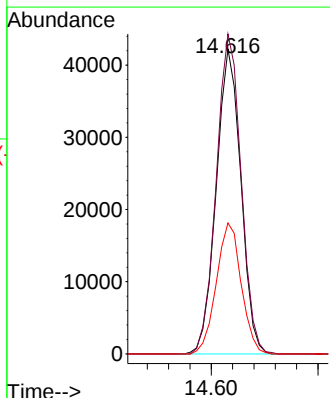
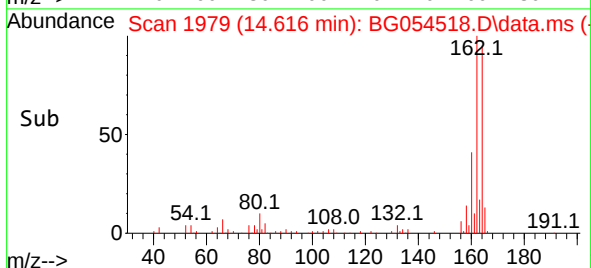
Reviewed By :Christian Giraldo 08/05/2022
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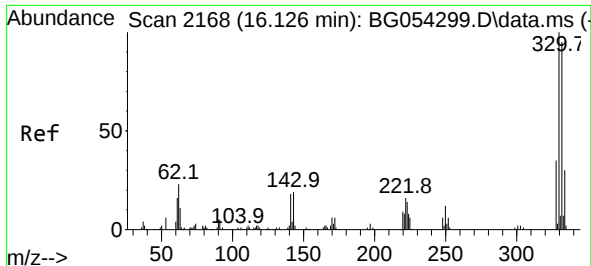


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13



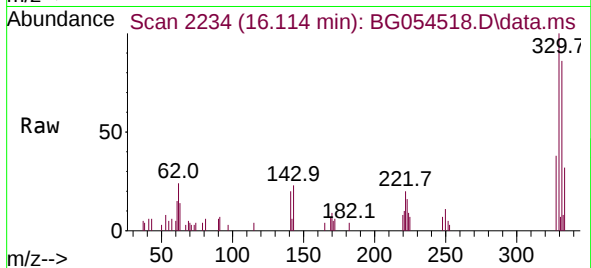
Tgt Ion:164 Resp: 67655
Ion Ratio Lower Upper
164 100
162 105.0 82.3 123.5
160 43.0 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 5.571 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

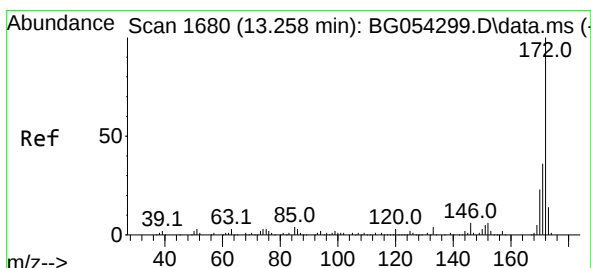
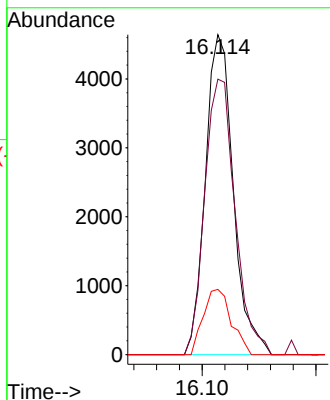
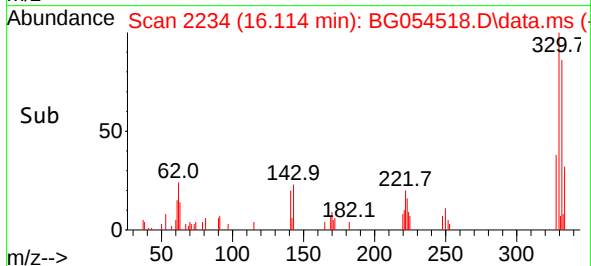
Instrument :
BNA_G
ClientSampleId :
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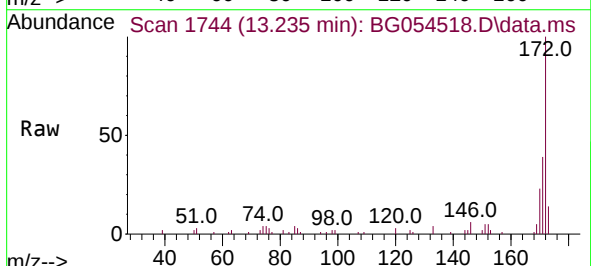
Tgt Ion:330 Resp: 7913
Ion Ratio Lower Upper
330 100
332 93.5 76.0 114.0
141 20.5 27.1 40.7

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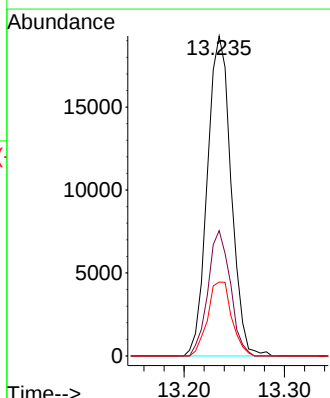
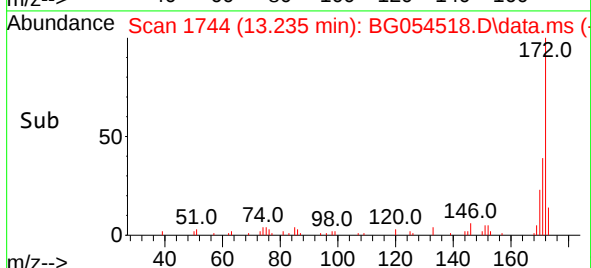
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

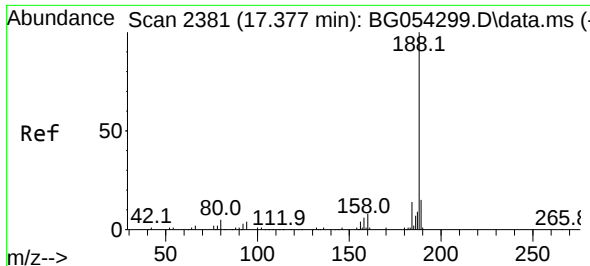


#45
2-Fluorobiphenyl
Concen: 6.608 ng
RT: 13.235 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13



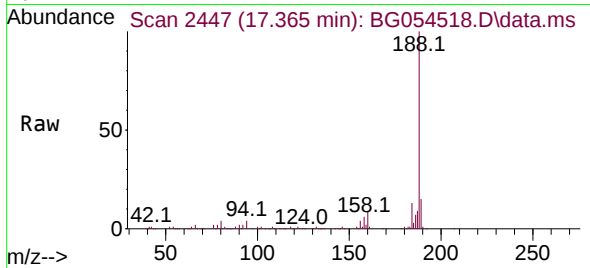
Tgt Ion:172 Resp: 31693
Ion Ratio Lower Upper
172 100
171 39.1 28.5 42.7
170 23.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

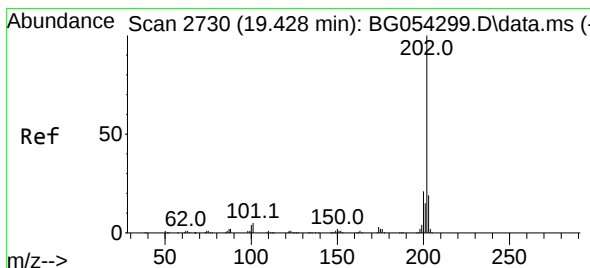
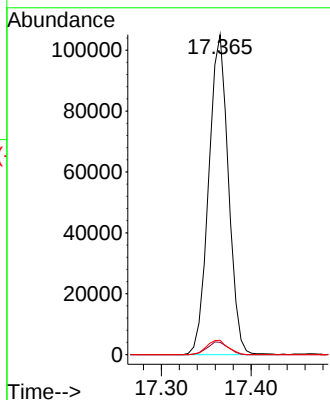
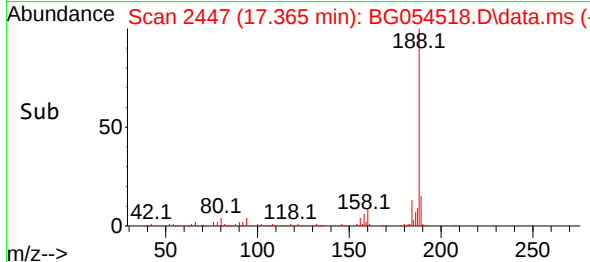
Instrument :
BNA_G
ClientSampleId :
080322-A



Tgt Ion:188 Resp: 160529
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0
80 4.5 6.8 10.2

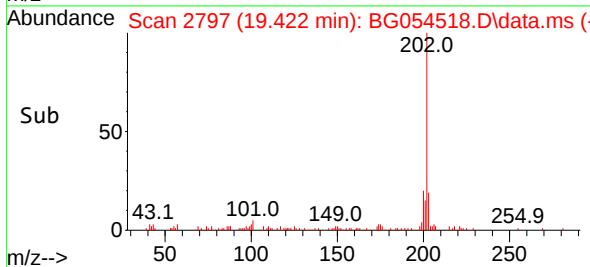
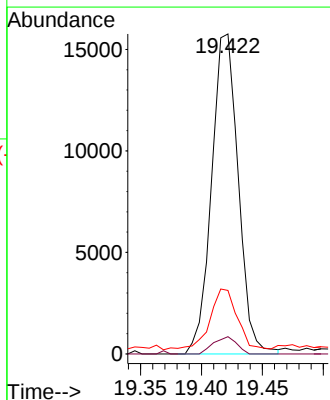
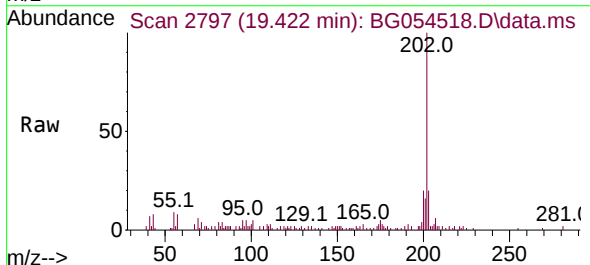
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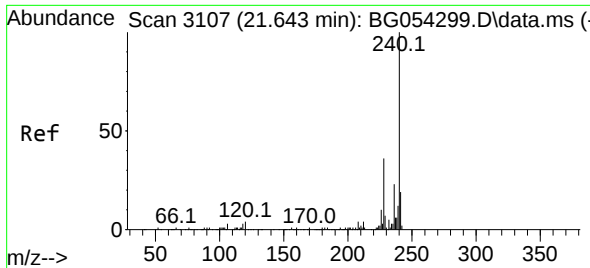
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#75
Fluoranthene
Concen: 2.202 ng
RT: 19.422 min Scan# 2797
Delta R.T. -0.000 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

Tgt Ion:202 Resp: 24001
Ion Ratio Lower Upper
202 100
101 5.4 0.0 26.9
203 19.8 0.0 37.2





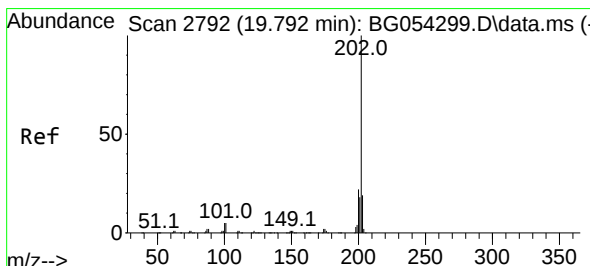
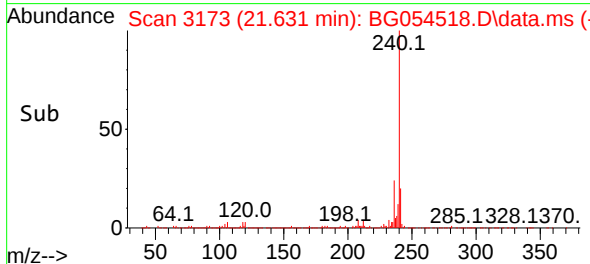
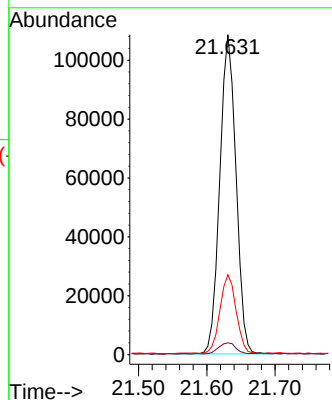
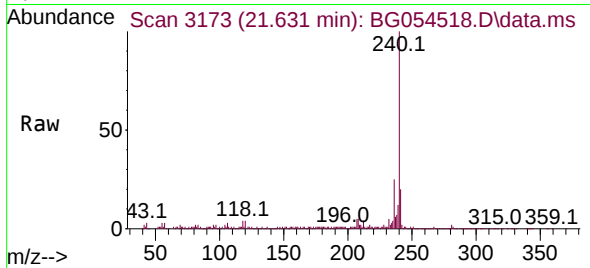
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

Instrument :
BNA_G
ClientSampleId :
080322-A

Tgt Ion:240 Resp: 177980
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0
236 25.0 20.2 30.4

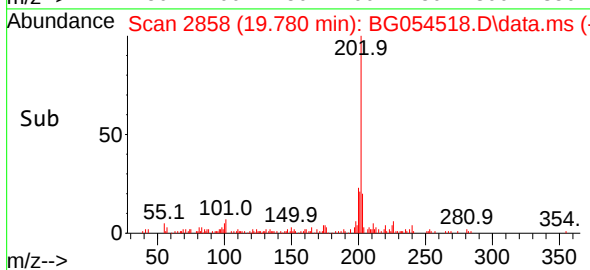
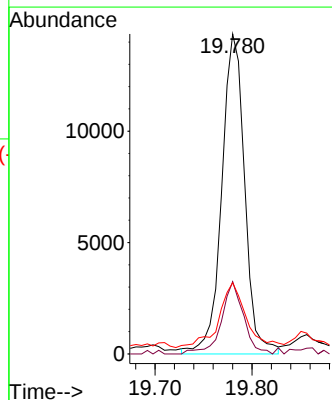
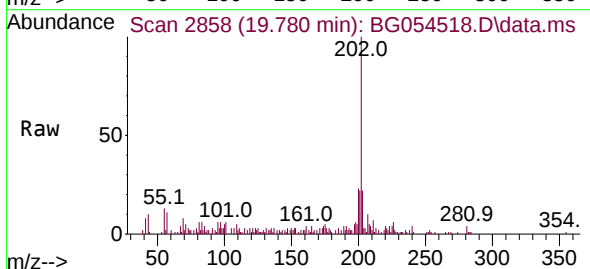
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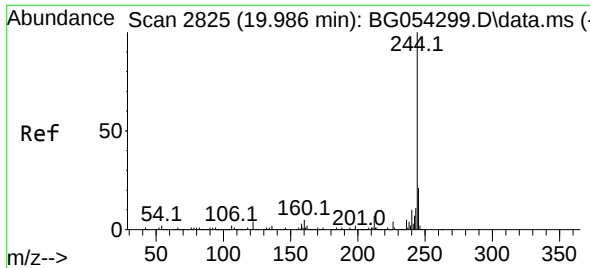
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#78
Pyrene
Concen: 2.310 ng m
RT: 19.780 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054518.D
Acq: 4 Aug 2022 14:13

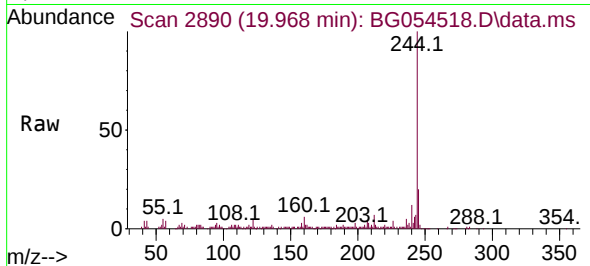
Tgt Ion:202 Resp: 23592
Ion Ratio Lower Upper
202 100
200 22.6 16.6 24.8
203 22.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 7.099 ng
 RT: 19.968 min Scan# 2825
 Delta R.T. -0.012 min
 Lab File: BG054518.D
 Acq: 4 Aug 2022 14:13

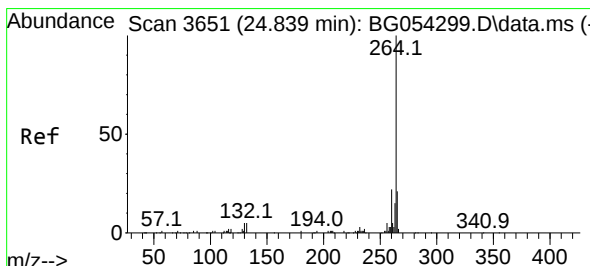
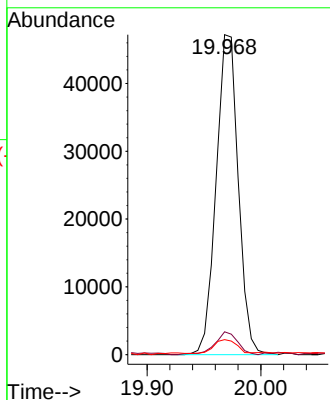
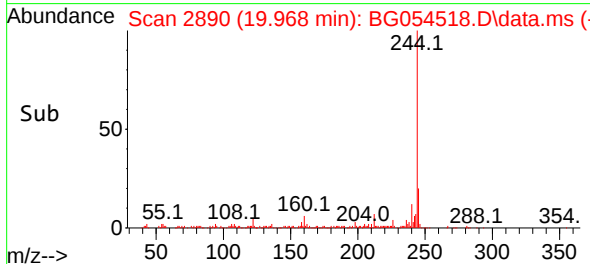
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Tgt Ion:244 Resp: 63690
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.7 5.0 7.4

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 Supervised By :Jagrut Upadhyay 08/05/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.845 min Scan# 3720
 Delta R.T. 0.011 min
 Lab File: BG054518.D
 Acq: 4 Aug 2022 14:13

Tgt Ion:264 Resp: 189139
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 22.5 17.4 26.2

