

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054112.D
 Acq On : 28 Jun 2022 4:17
 Operator : CG/JU
 Sample : N3492-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/28/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 28 06:22:57 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	8.077	152	35577	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	144488	20.000	ng	# 0.00
39) Acenaphthene-d10	14.705	164	95247	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	191626	20.000	ng	0.00
76) Chrysene-d12	21.726	240	188340	20.000	ng	# 0.00
86) Perylene-d12	24.999	264	160644	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.645	112	188735	101.426	ng	0.00
7) Phenol-d6	7.243	99	247263	97.952	ng	0.01
23) Nitrobenzene-d5	9.241	82	163857	63.729	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	122215	79.863	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	430103	65.664	ng	0.00
79) Terphenyl-d14	20.052	244	603525	64.540	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.499	202	29695	2.298	ng	93
78) Pyrene	19.858	202	25483m	2.240	ng	
84) Bis(2-ethylhexyl)phtha...	21.609	149	11641	2.232	ng	# 78

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

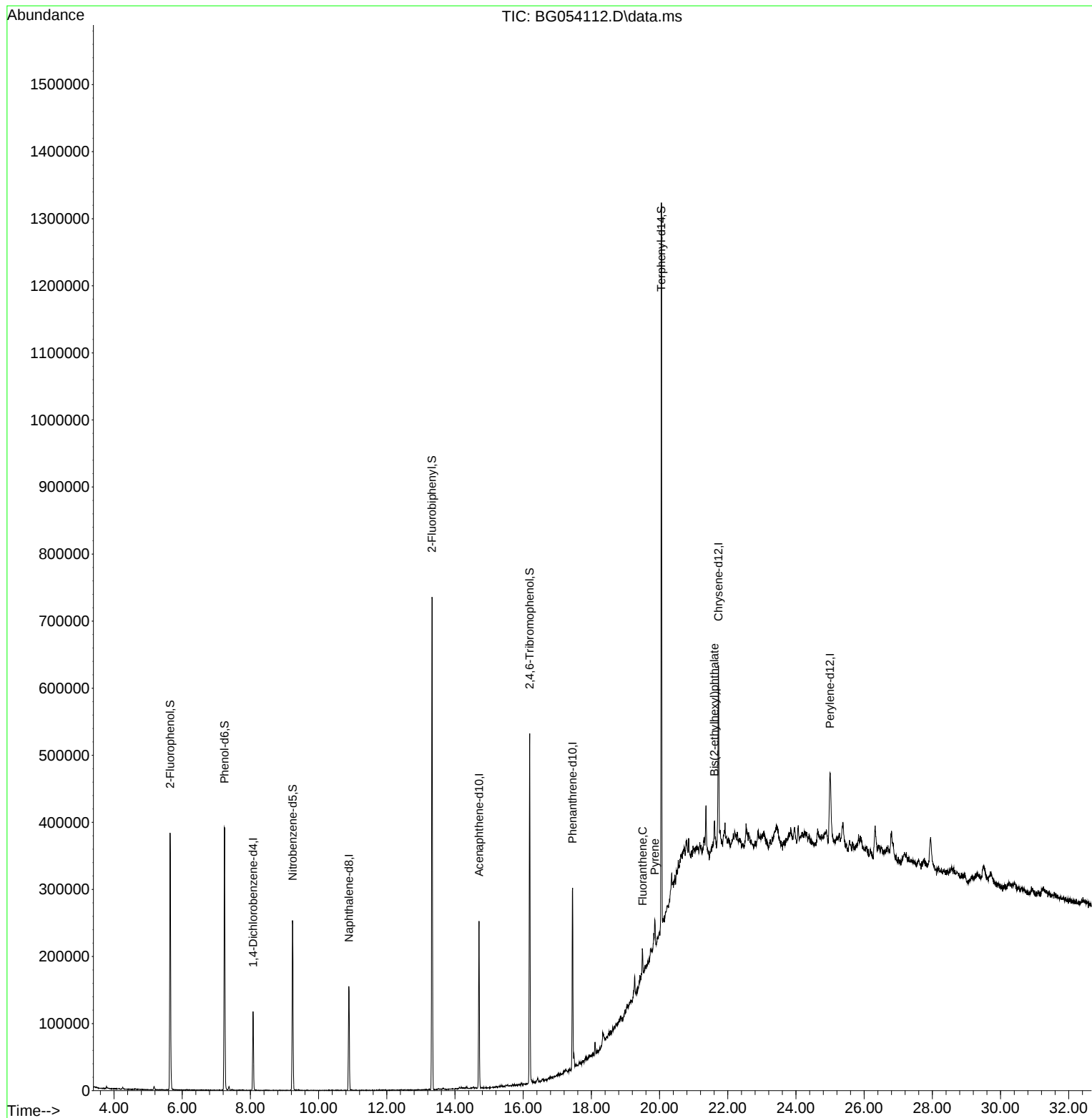
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054112.D
Acq On : 28 Jun 2022 4:17
Operator : CG/JU
Sample : N3492-02
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Instrument :
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.077 min Scan# 79
Delta R.T. 0.007 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17

Instrument :

BNA_G

ClientSampleId :

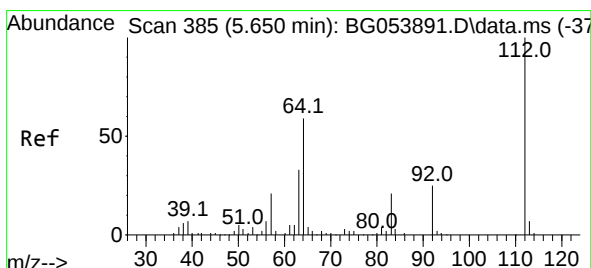
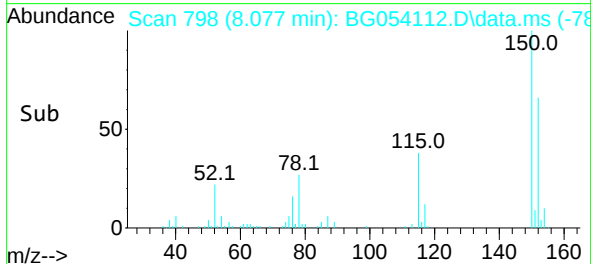
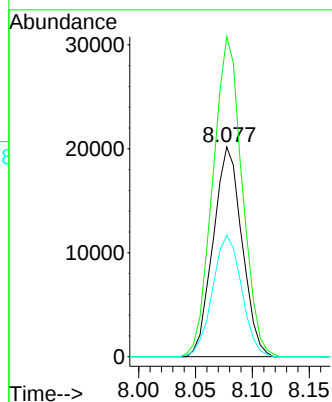
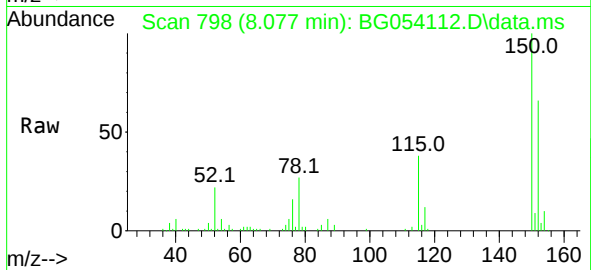
SOIL-PILE

Tgt Ion:152 Resp: 3557
Ion Ratio Lower Upper
152 100
150 152.6 131.6 197.4
115 57.8 50.9 76.3

Manual Integrations

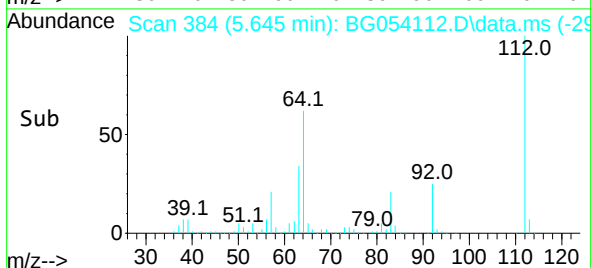
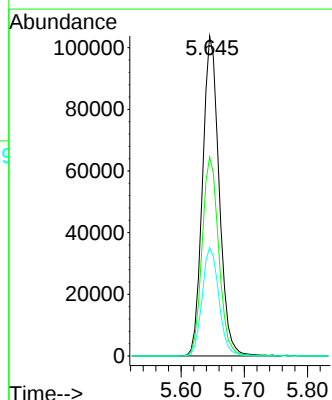
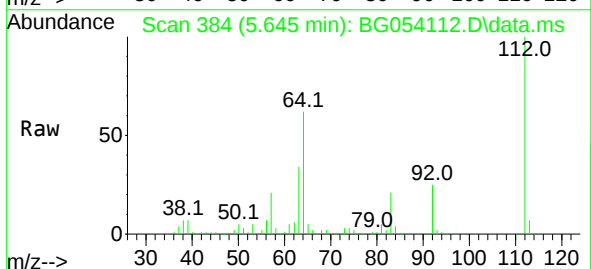
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Supervised By :Jagrut Upadhyay 06/28/2022



#5
2-Fluorophenol
Concen: 101.426 ng
RT: 5.645 min Scan# 384
Delta R.T. 0.007 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17

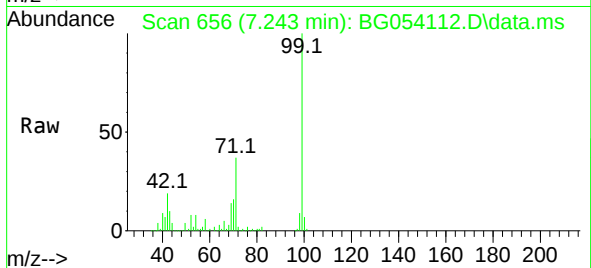
Tgt Ion:112 Resp: 188735
Ion Ratio Lower Upper
112 100
64 62.2 55.1 82.7
63 33.9 30.4 45.6





#7
Phenol-d6
Concen: 97.952 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.013 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17

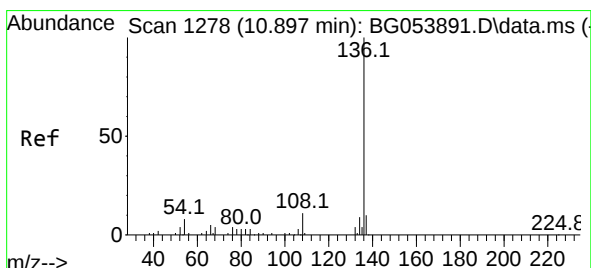
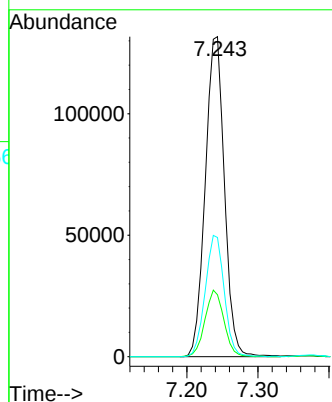
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BNA_G
ClientSampleId :
SOIL-PILE



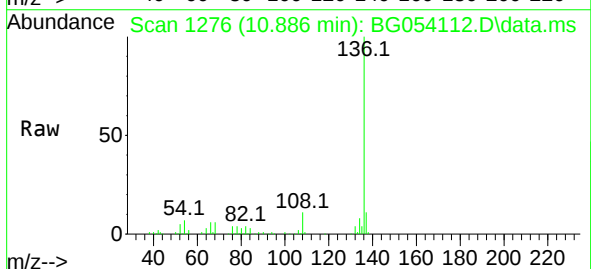
Tgt Ion: 99 Resp: 24726
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 37.2 33.8 50.8

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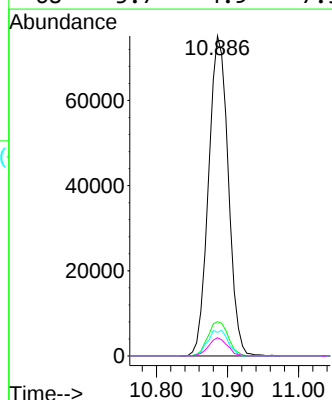
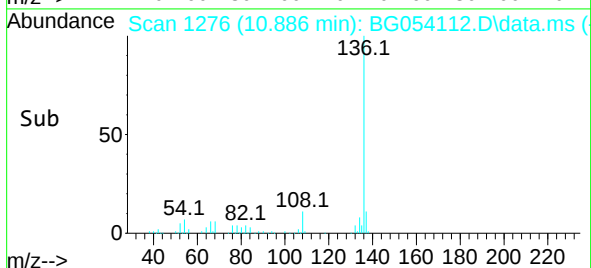
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1276
Delta R.T. 0.007 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17



Tgt Ion:136 Resp: 144488
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.4 7.4 11.2#
68 5.7 4.9 7.3





#23
Nitrobenzene-d5
Concen: 63.729 ng
RT: 9.241 min Scan# 996
Delta R.T. 0.007 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17

Instrument :

BNA_G

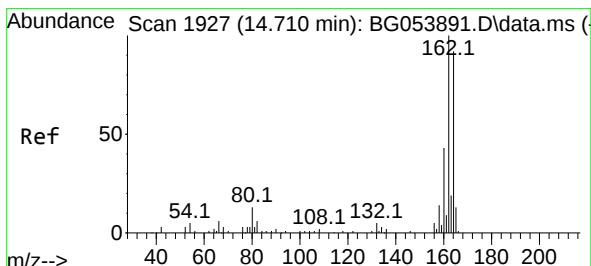
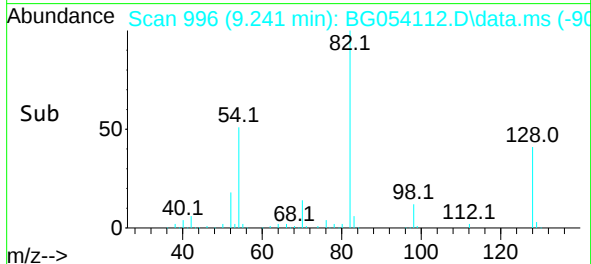
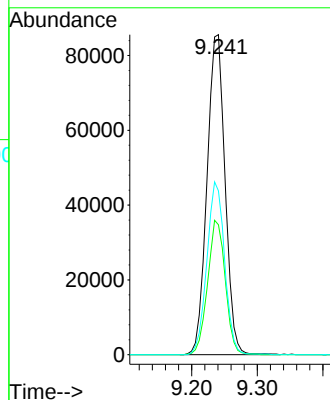
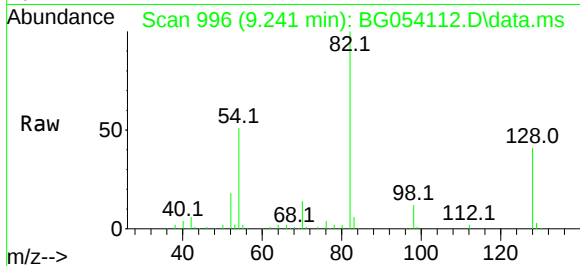
ClientSampleId :

SOIL-PILE

Tgt Ion: 82 Resp: 16385
Ion Ratio Lower Upper
82 100
128 40.6 27.9 41.9
54 51.2 41.2 61.8

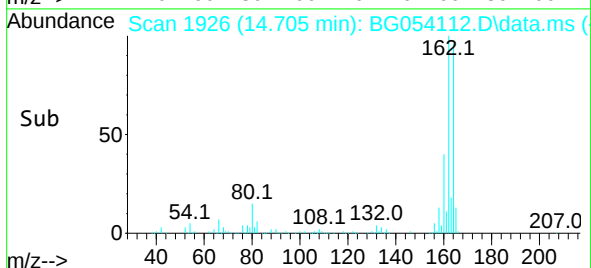
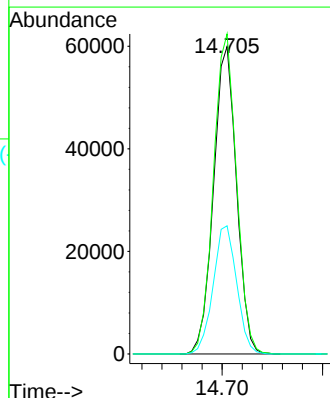
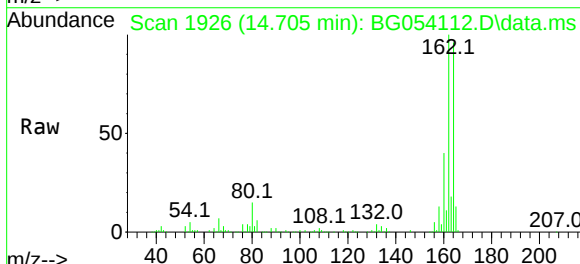
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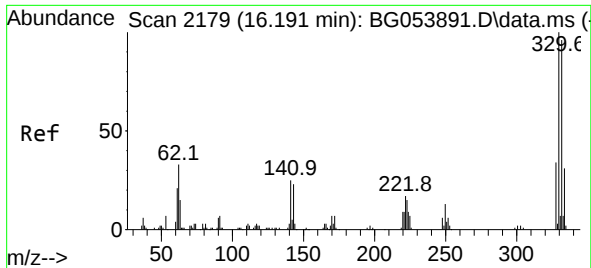
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Supervised By :Jagrut Upadhyay 06/28/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.705 min Scan# 1926
Delta R.T. 0.007 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17

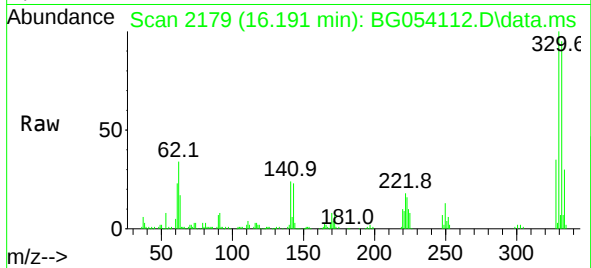
Tgt Ion:164 Resp: 95247
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 41.7 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 79.863 ng
RT: 16.191 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17

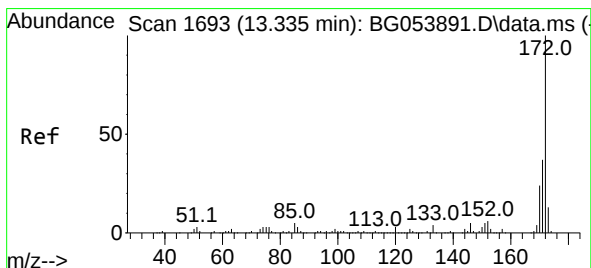
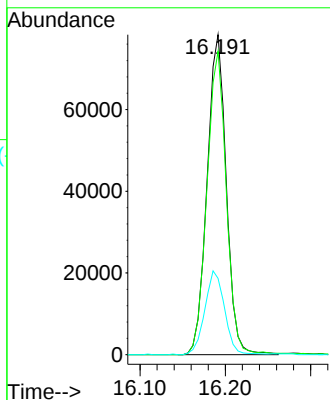
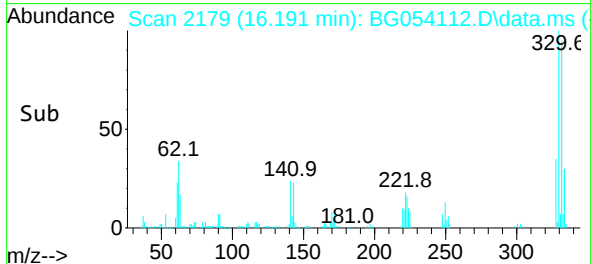
Instrument :
BNA_G
ClientSampleId :
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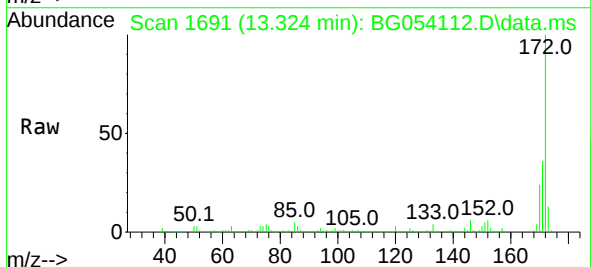
Tgt Ion:330 Resp: 122215
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 27.0 27.1 40.7

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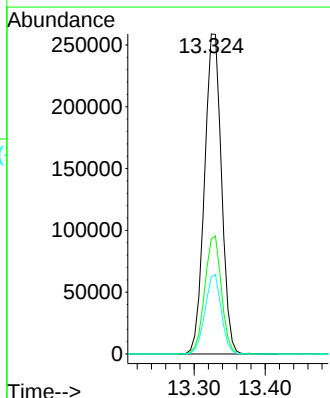
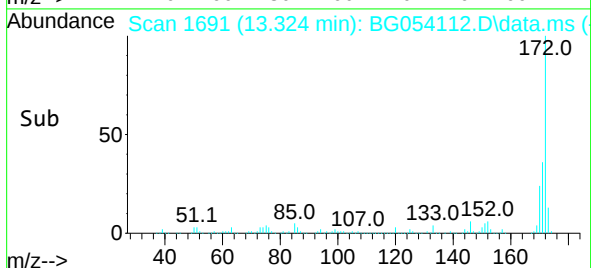
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

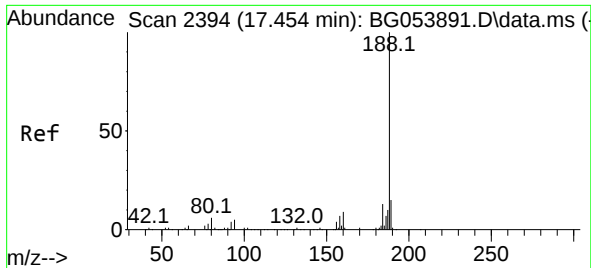


#45
2-Fluorobiphenyl
Concen: 65.664 ng
RT: 13.324 min Scan# 1691
Delta R.T. 0.001 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17



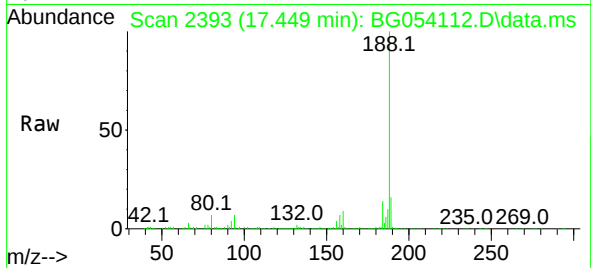
Tgt Ion:172 Resp: 430103
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17

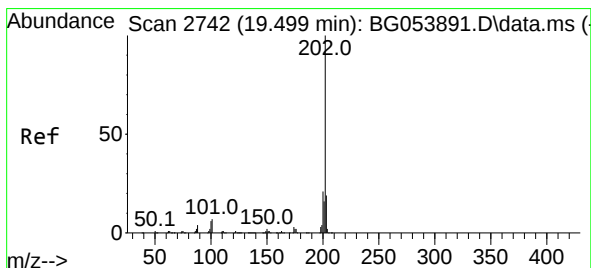
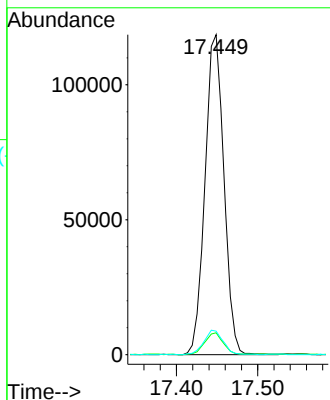
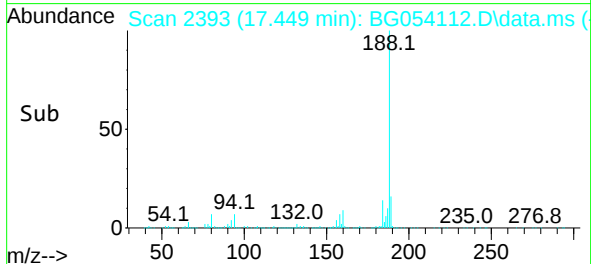
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE



Tgt Ion:188 Resp: 191620
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 7.3 6.8 10.2

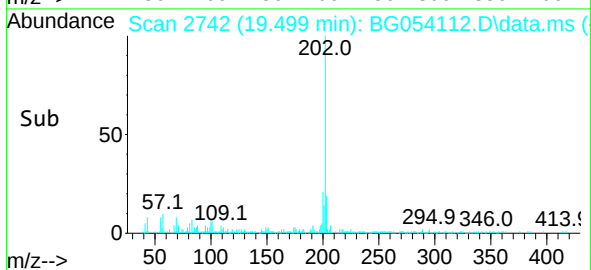
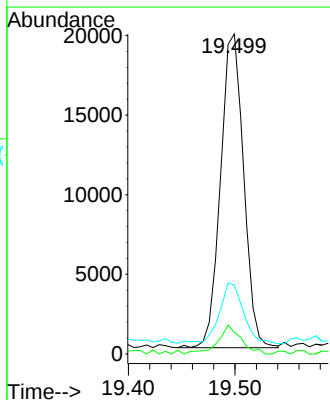
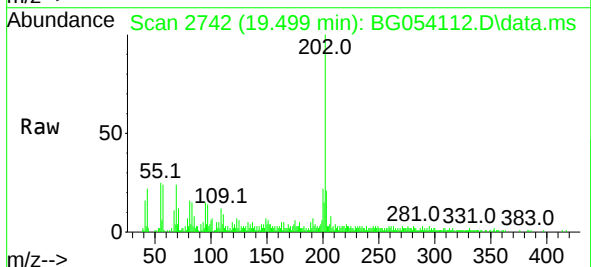
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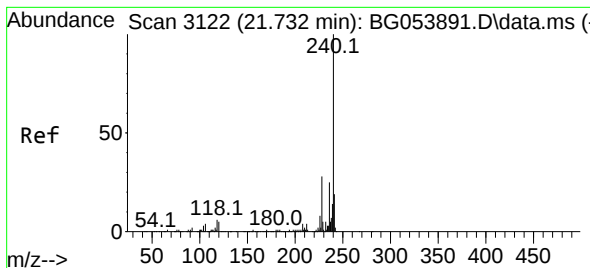
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#75
Fluoranthene
Concen: 2.298 ng
RT: 19.499 min Scan# 2742
Delta R.T. 0.007 min
Lab File: BG054112.D
Acq: 28 Jun 2022 4:17

Tgt Ion:202 Resp: 29695
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.9
203 21.5 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.726 min Scan# 3122

Delta R.T. 0.007 min

Lab File: BG054112.D

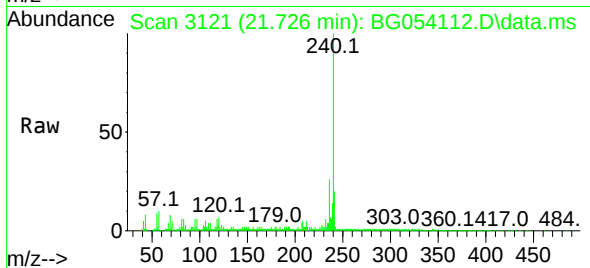
Acq: 28 Jun 2022 4:17

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE



Tgt Ion:240 Resp: 188340

Ion Ratio Lower Upper

240 100

120 7.0 4.6 7.0

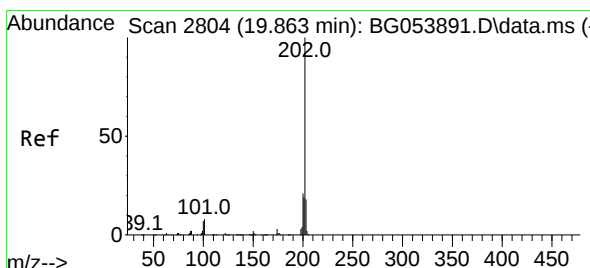
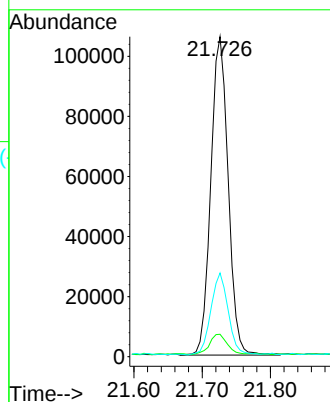
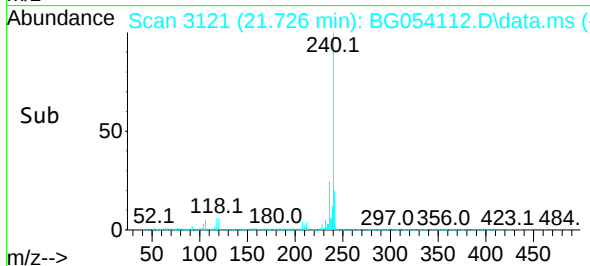
236 26.2 20.2 30.4

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#78

Pyrene

Concen: 2.240 ng m

RT: 19.858 min Scan# 2803

Delta R.T. 0.007 min

Lab File: BG054112.D

Acq: 28 Jun 2022 4:17

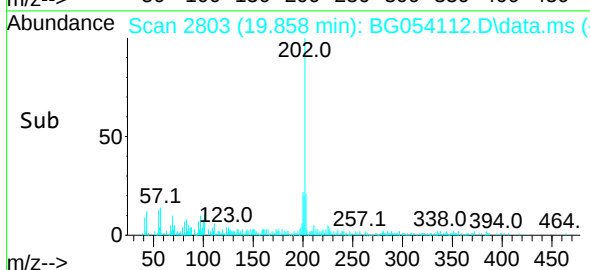
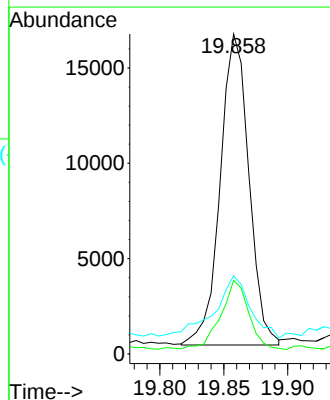
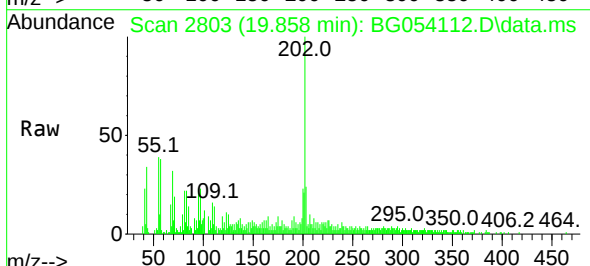
Tgt Ion:202 Resp: 25483

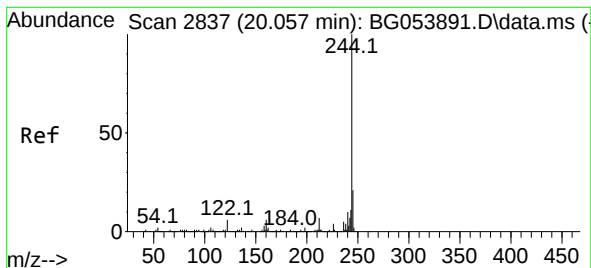
Ion Ratio Lower Upper

202 100

200 23.0 16.6 24.8

203 24.5 14.6 21.8





#79

Terphenyl-d14

Concen: 64.540 ng

RT: 20.052 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG054112.D

Acq: 28 Jun 2022 4:17

Instrument :

BNA_G

ClientSampleId :

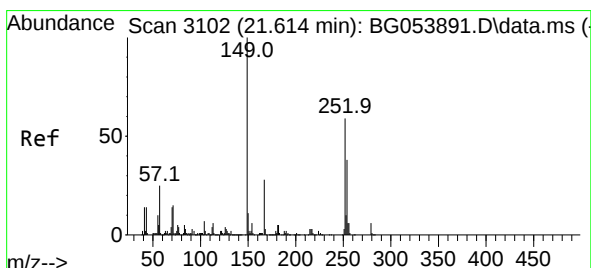
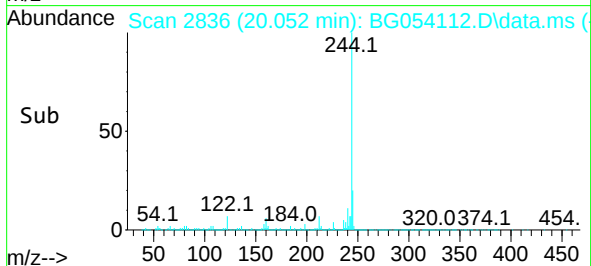
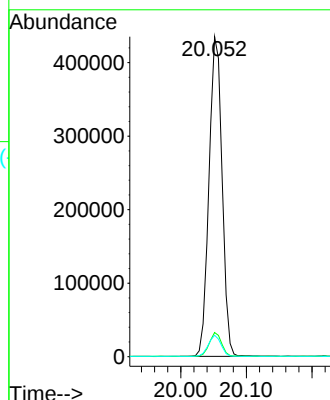
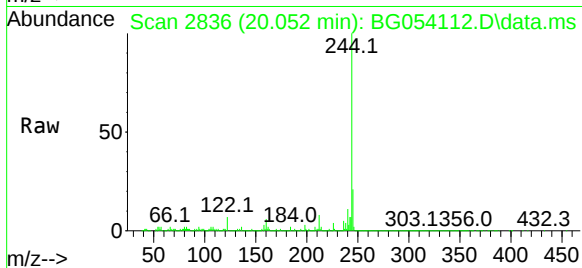
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Tgt Ion:244 Resp: 603529
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.7 5.0 7.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 2.232 ng

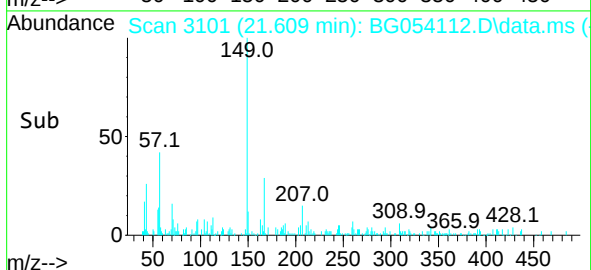
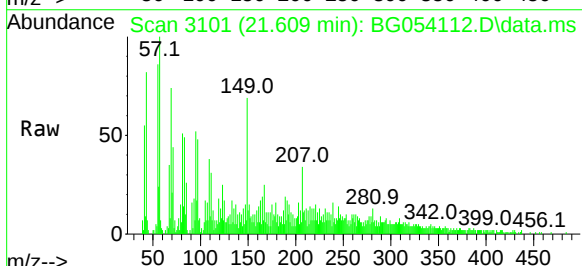
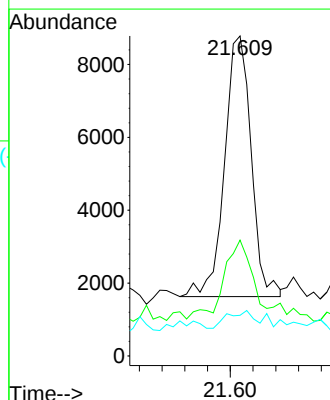
RT: 21.609 min Scan# 3101

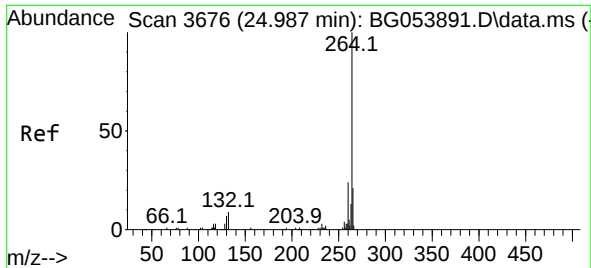
Delta R.T. 0.007 min

Lab File: BG054112.D

Acq: 28 Jun 2022 4:17

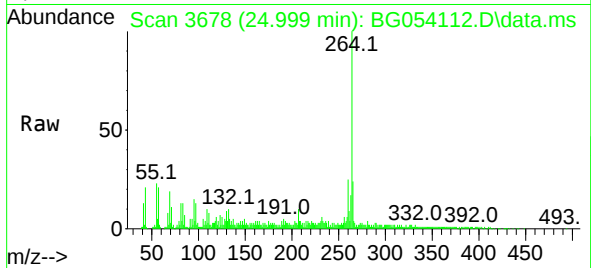
Tgt Ion:149 Resp: 11641
 Ion Ratio Lower Upper
 149 100
 167 36.2 20.2 30.4#
 279 12.7 3.6 5.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.999 min Scan# 30
 Delta R.T. 0.036 min
 Lab File: BG054112.D
 Acq: 28 Jun 2022 4:17

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE



Tgt Ion:264 Resp: 160644
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 23.7 17.4 26.2

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