

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052434.D
 Acq On : 21 Feb 2022 12:58
 Operator : CG/JU
 Sample : N1556-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NE-SURFICIAL-SOIL

Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

Quant Time: Feb 21 13:58:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	34382	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	132322	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	89938	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	217433	20.000	ng	0.00
76) Chrysene-d12	21.933	240	223546	20.000	ng	0.00
86) Perylene-d12	25.393	264	221595	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	274045	138.916	ng	0.01
7) Phenol-d6	7.376	99	340006	111.704	ng	0.00
23) Nitrobenzene-d5	9.397	82	285278	93.700	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	197828	153.105	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	625359	96.617	ng	0.00
79) Terphenyl-d14	20.212	244	1139157	89.986	ng	0.00
Target Compounds						
32) Benzoic acid	10.308	122	2303m	7.697	ng	Qvalue

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

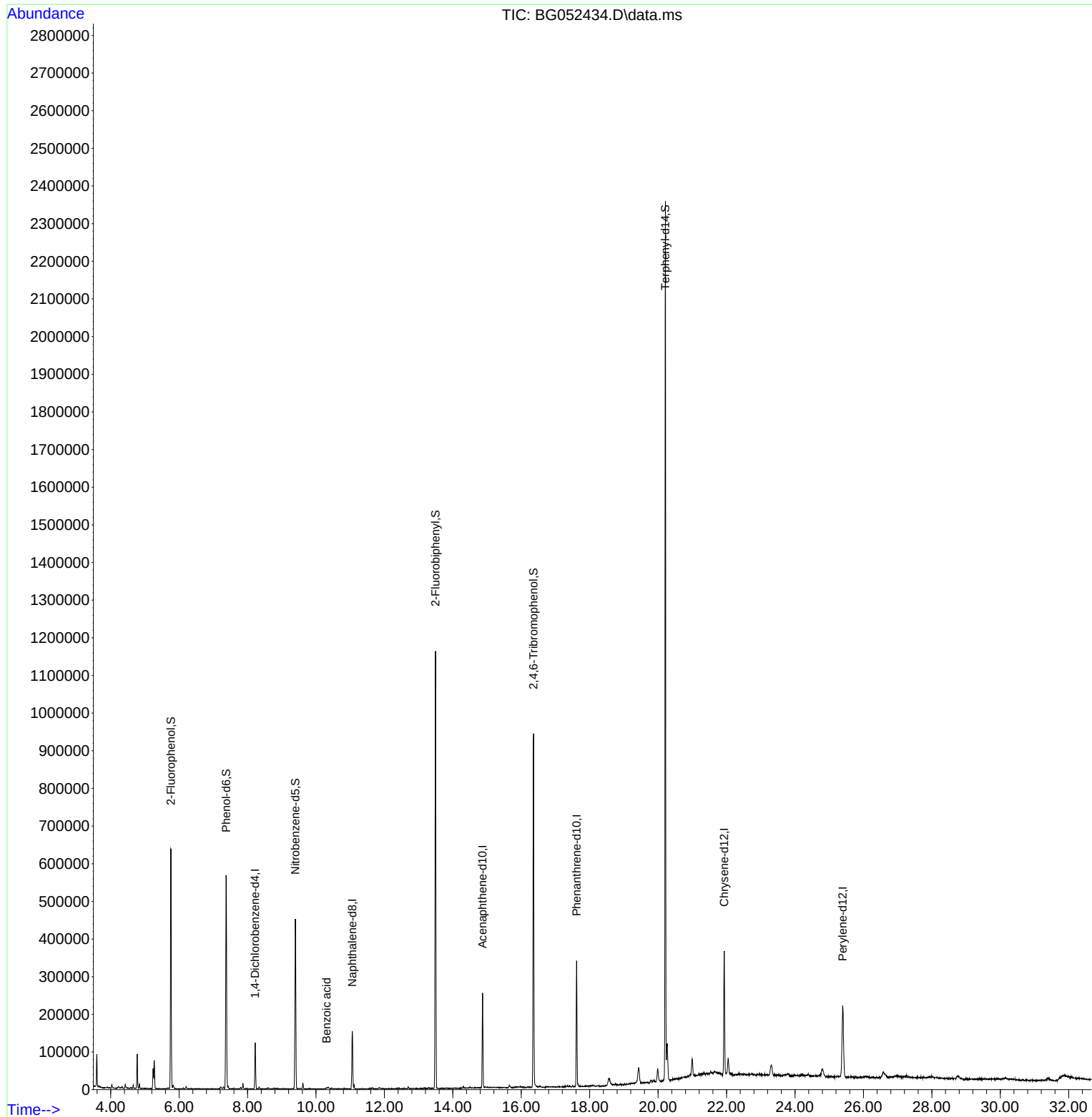
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052434.D
Acq On : 21 Feb 2022 12:58
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Sample : N1556-02
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ALS Vial : 6 Sample Multiplier: 1

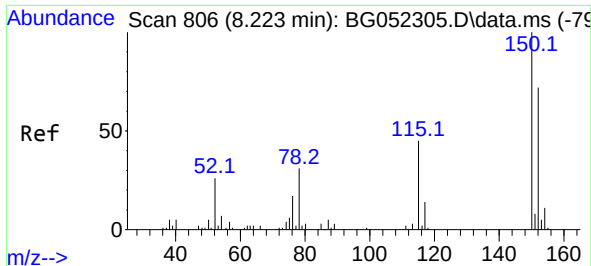
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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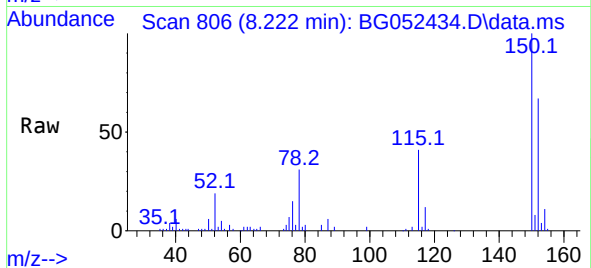
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58

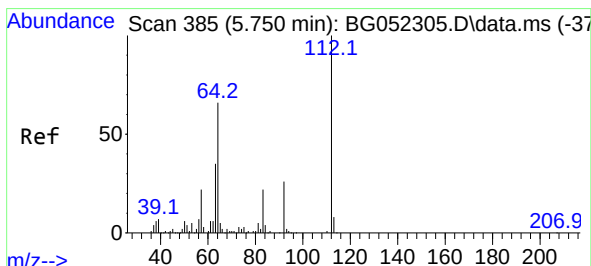
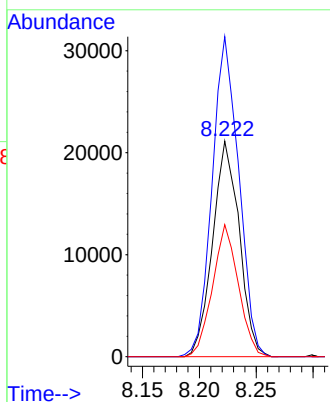
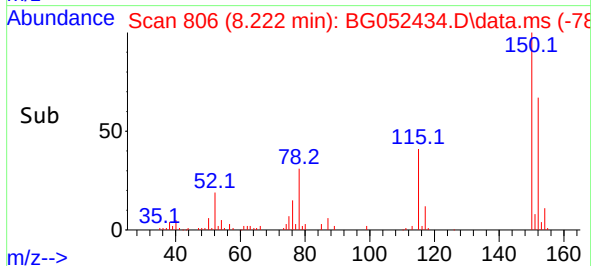
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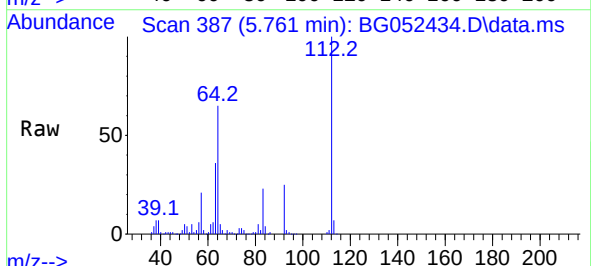
Tgt Ion:152 Resp: 3438
Ion Ratio Lower Upper
152 100
150 148.4 117.8 176.8
115 61.2 50.2 75.2

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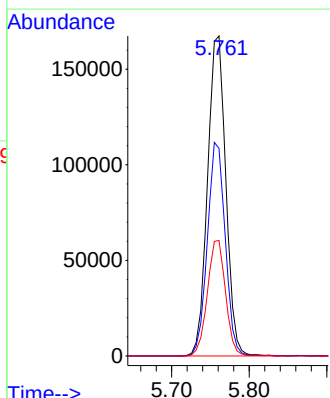
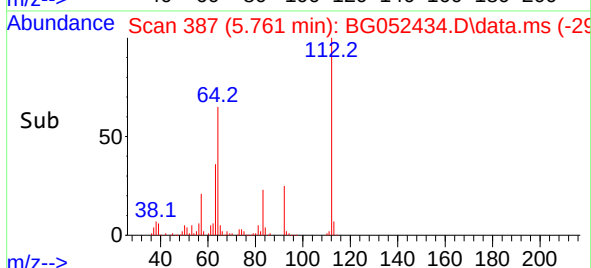
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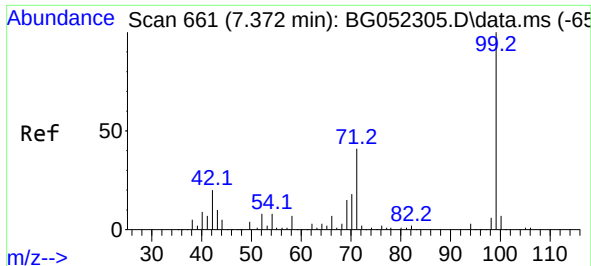


#5
2-Fluorophenol
Concen: 138.916 ng
RT: 5.761 min Scan# 387
Delta R.T. 0.011 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58



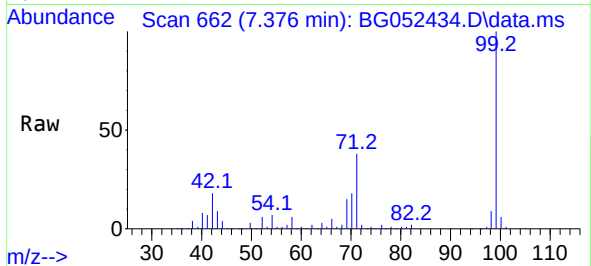
Tgt Ion:112 Resp: 274045
Ion Ratio Lower Upper
112 100
64 64.9 60.4 90.6
63 36.1 33.3 49.9





#7
Phenol-d6
Concen: 111.704 ng
RT: 7.376 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58

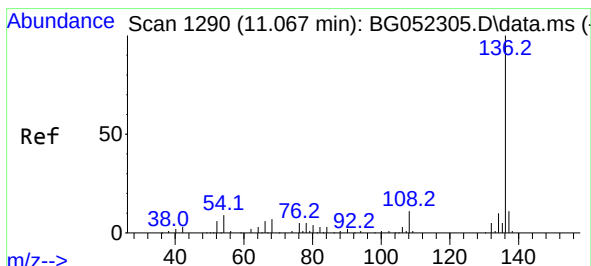
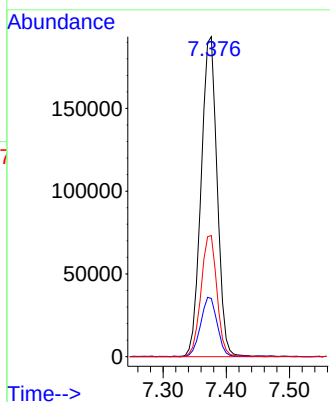
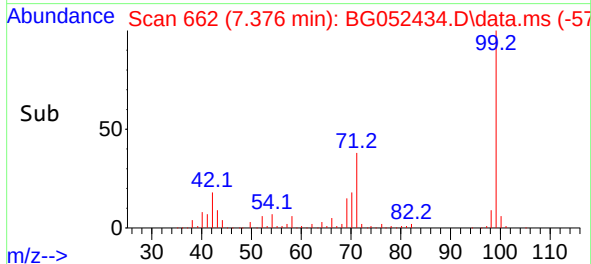
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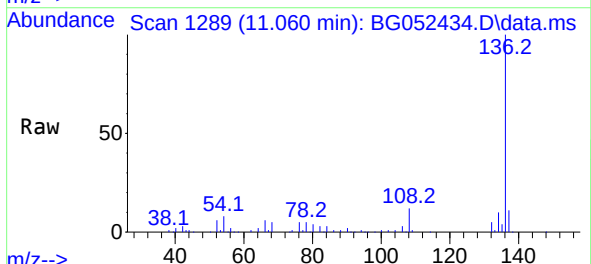
Tgt Ion: 99 Resp: 340000
Ion Ratio Lower Upper
99 100
42 18.2 19.1 28.7
71 37.9 33.4 50.2

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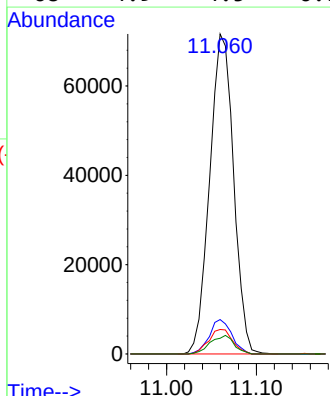
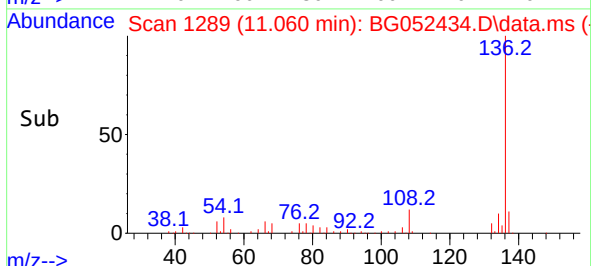
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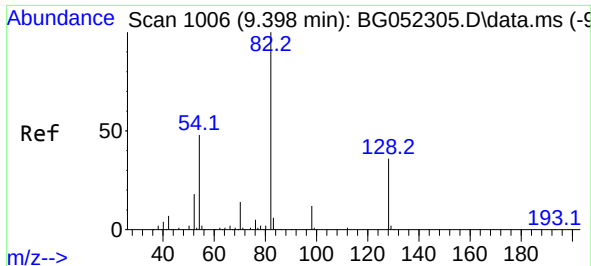


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1289
Delta R.T. -0.007 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58



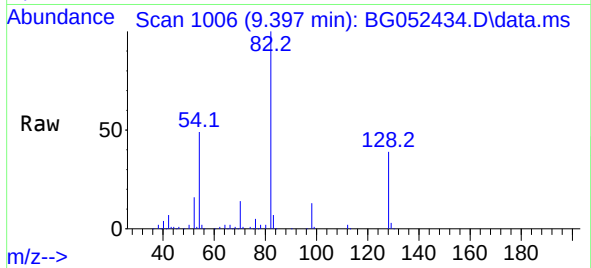
Tgt Ion:136 Resp: 132322
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.6 8.3 12.5
68 4.9 4.5 6.7





#23
Nitrobenzene-d5
Concen: 93.700 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58

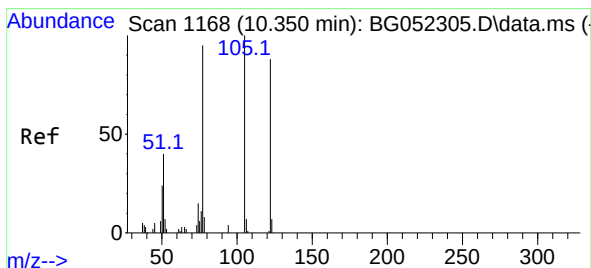
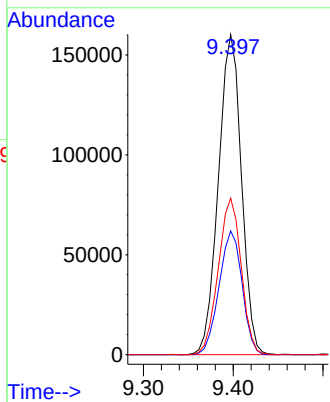
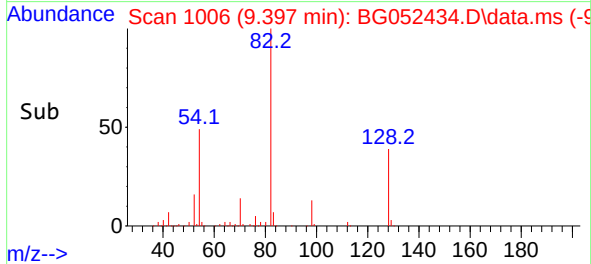
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Tgt Ion: 82 Resp: 285278
Ion Ratio Lower Upper
82 100
128 38.7 27.0 40.4
54 48.9 41.0 61.6

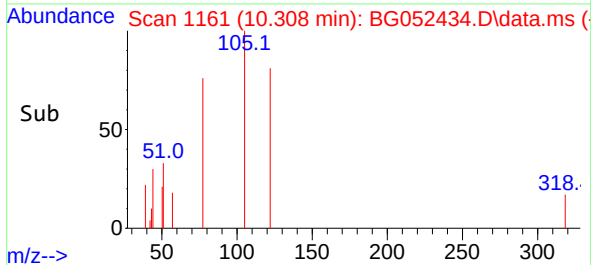
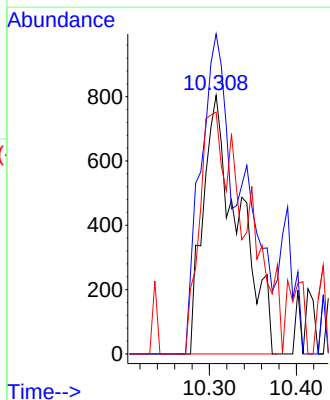
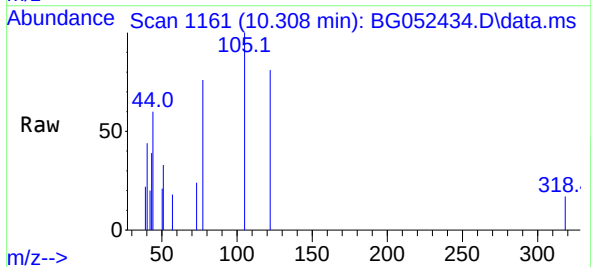
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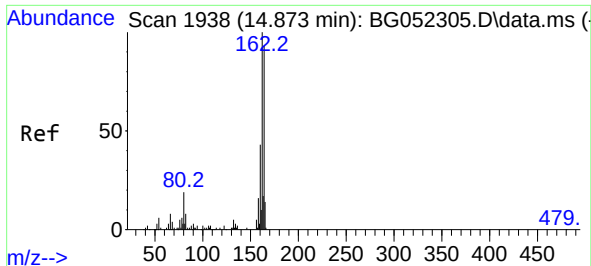
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#32
Benzoic acid
Concen: 7.697 ng m
RT: 10.308 min Scan# 1161
Delta R.T. -0.042 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58

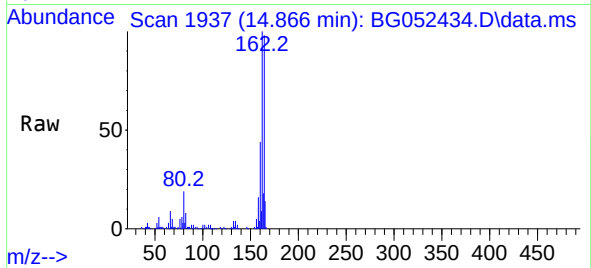
Tgt Ion:122 Resp: 2303
Ion Ratio Lower Upper
122 100
105 123.8 109.2 149.2
77 93.5 92.8 132.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58

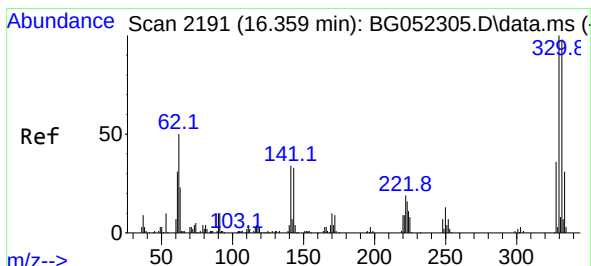
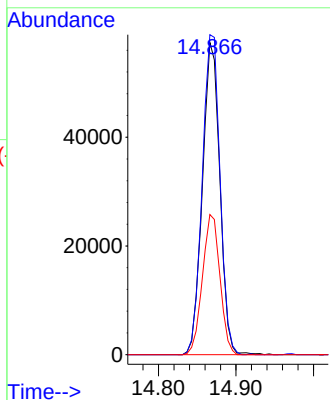
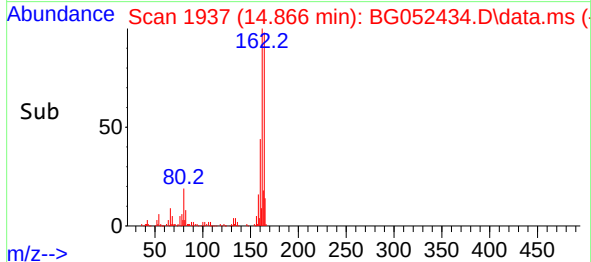
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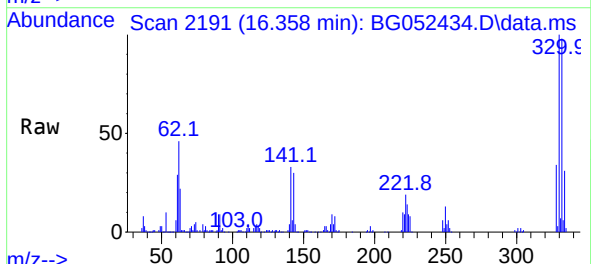
Tgt Ion:164 Resp: 89938
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.2
160 44.9 36.2 54.2

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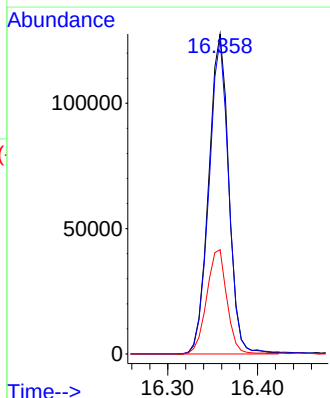
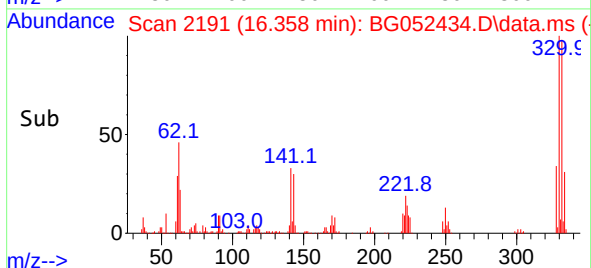
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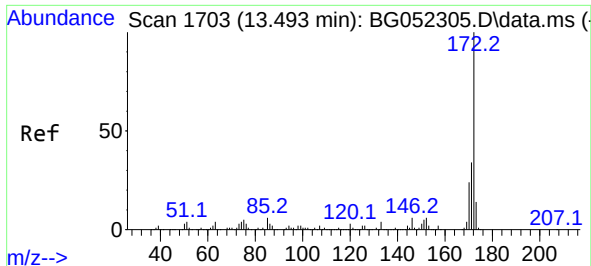


#42
2,4,6-Tribromophenol
Concen: 153.105 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58



Tgt Ion:330 Resp: 197828
Ion Ratio Lower Upper
330 100
332 96.9 78.6 117.8
141 33.0 28.8 43.2





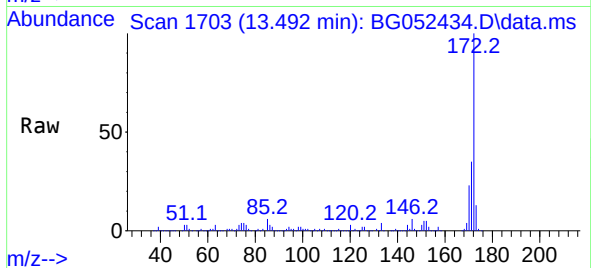
#45
2-Fluorobiphenyl
Concen: 96.617 ng
RT: 13.492 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58

Instrument :

BNA_G

ClientSampleId :

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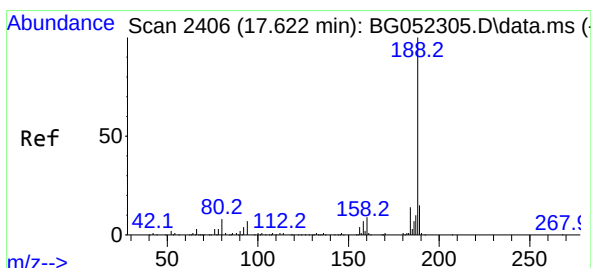
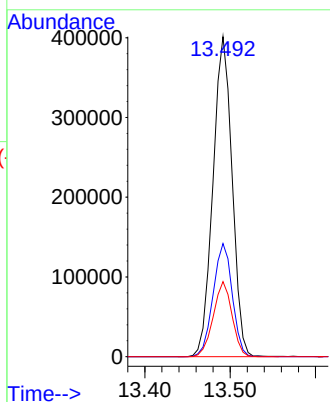
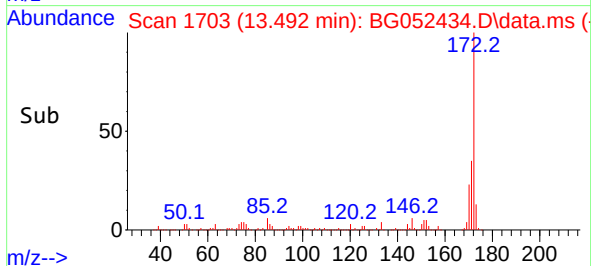


Tgt Ion:172 Resp: 625359
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.3 27.5

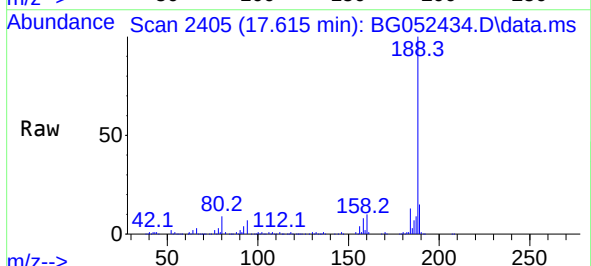
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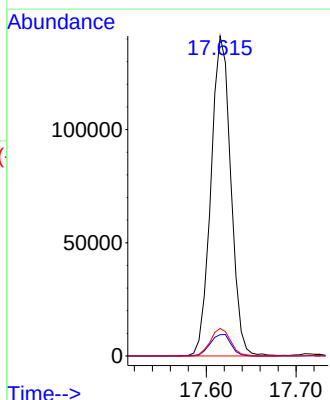
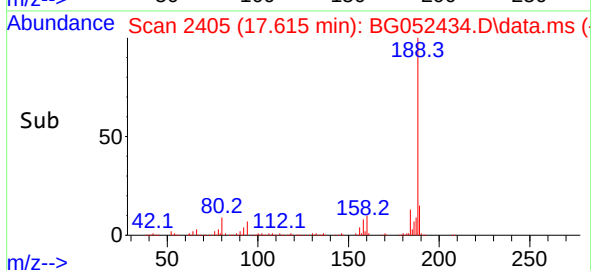
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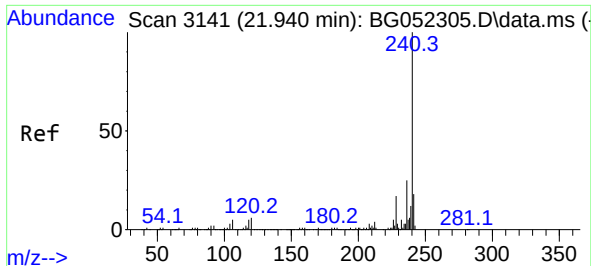


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58



Tgt Ion:188 Resp: 217433
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 8.6 6.6 10.0





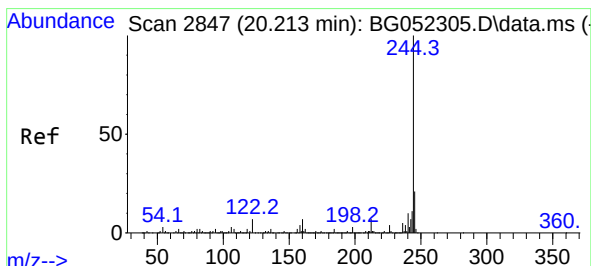
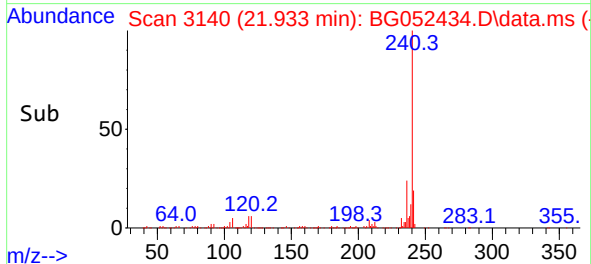
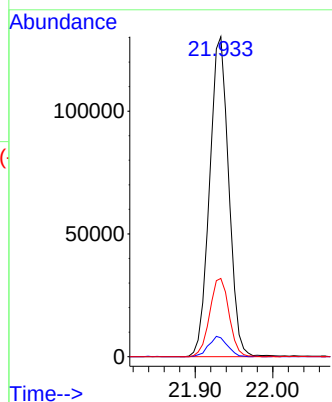
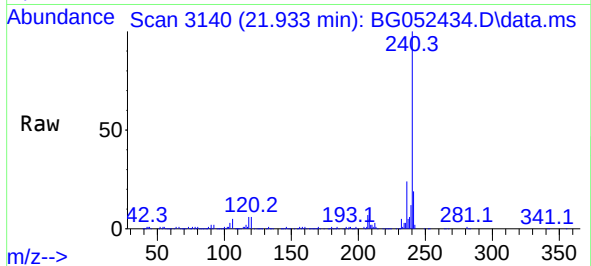
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG052434.D
Acq: 21 Feb 2022 12:58

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:240 Resp: 223540
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 24.4 20.8 31.2

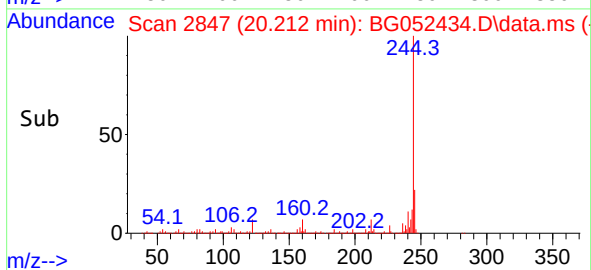
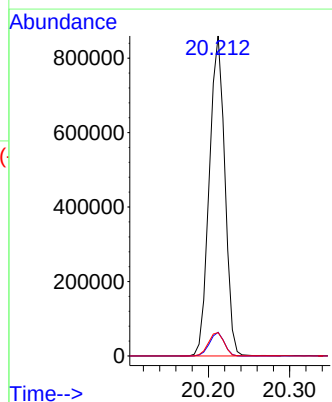
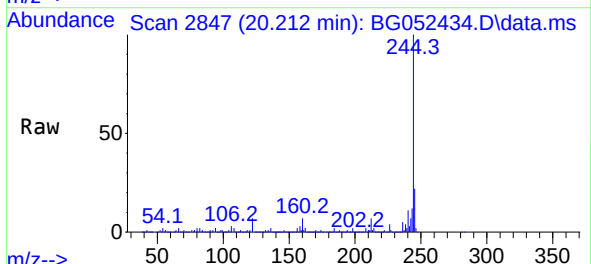
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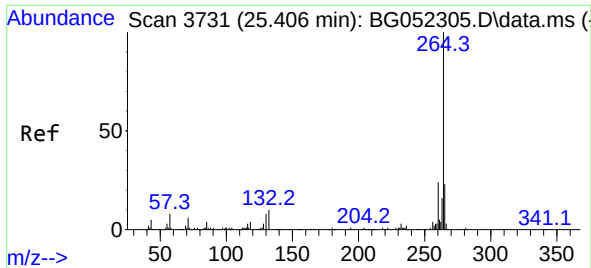
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#79
Terphenyl-d14
Concen: 89.986 ng
RT: 20.212 min Scan# 2847
Delta R.T. -0.001 min
Lab File: BG052434.D
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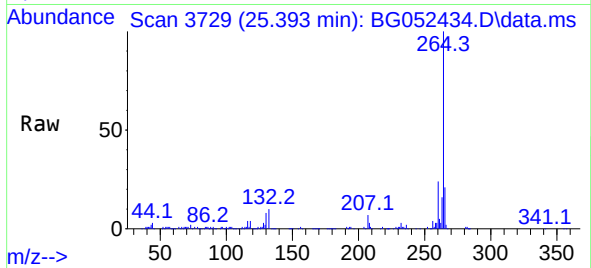
Tgt Ion:244 Resp: 1139157
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.3 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.393 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BG052434.D
 Acq: 21 Feb 2022 12:58

Instrument :
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Tgt Ion:264 Resp: 22159
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 20.8 17.8 26.6

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