

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022938.D
 Acq On : 29 Nov 2022 05:11
 Operator : CG/JU
 Sample : N5672-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20221116

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 29 06:04:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 05:14:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	7166	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	20177	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	10558	0.400	ng	0.00
19) Phenanthrene-d10	17.451	188	22683m	0.400	ng	0.00
29) Chrysene-d12	21.629	240	12861	0.400	ng	# 0.00
35) Perylene-d12	24.116	264	8288	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	2375	0.128	ng	0.00
5) Phenol-d6	7.211	99	1906	0.080	ng	0.00
8) Nitrobenzene-d5	9.227	82	4738	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.469	152	12698	0.290	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	1329	0.261	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	16637	0.344	ng	0.00
27) Fluoranthene-d10	19.473	212	21980m	0.357	ng	0.00
31) Terphenyl-d14	20.071	244	14085	0.466	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	45650	5.019	ng	97
34) Bis(2-ethylhexyl)phtha...	21.540	149	2945	0.141	ng	# 98

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

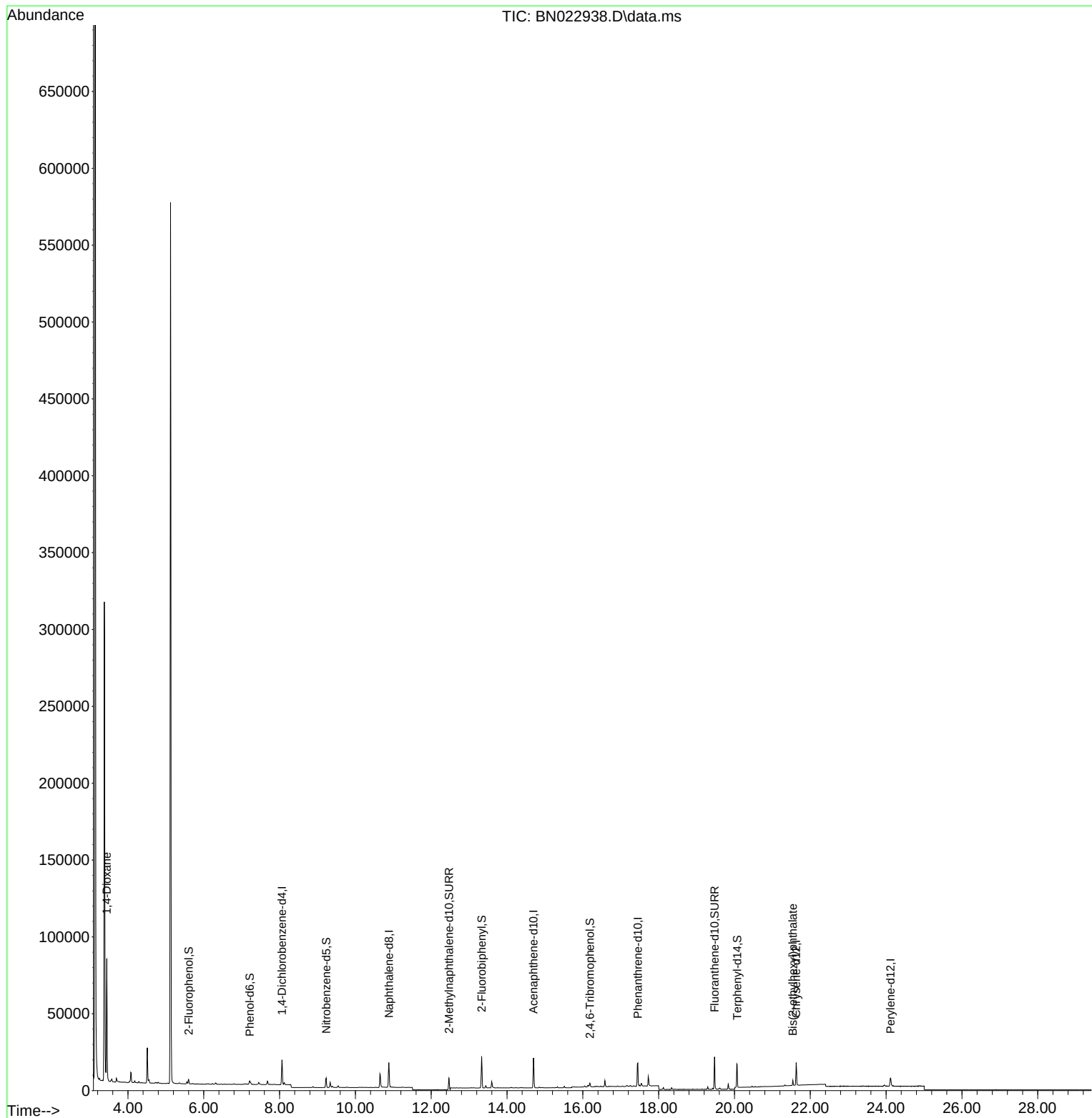
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022938.D
Acq On : 29 Nov 2022 05:11
Operator : CG/JU
Sample : N5672-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

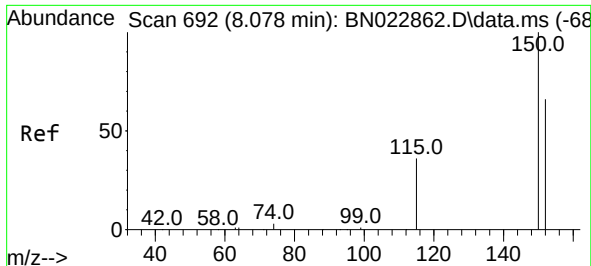
Instrument :
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RE125D1-20221116

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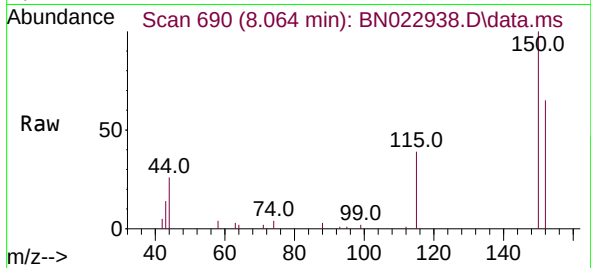
Quant Time: Nov 29 06:04:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 69
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

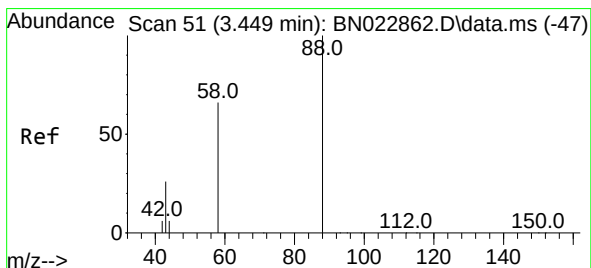
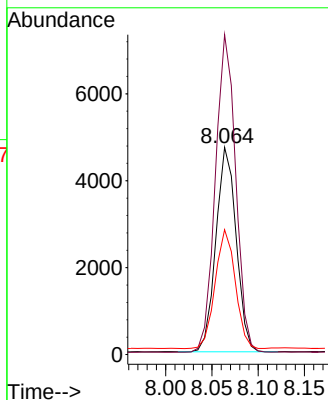
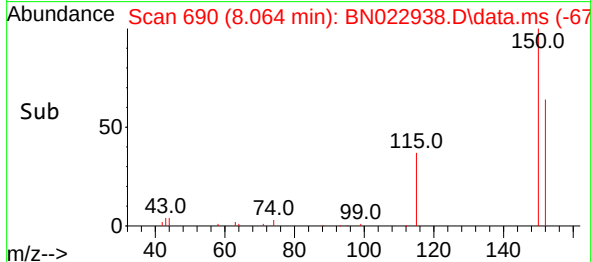
Instrument :
BNA_N
ClientSampleId :
RE125D1-20221116



Tgt Ion: 152 Resp: 7166
Ion Ratio Lower Upper
152 100
150 154.3 121.2 181.8
115 60.3 46.2 69.4

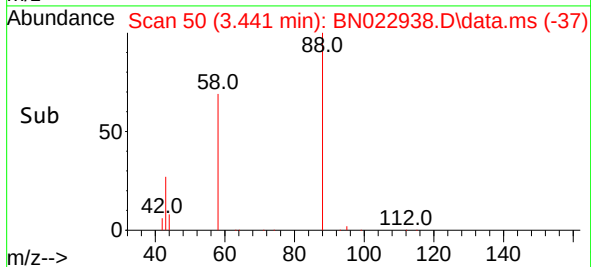
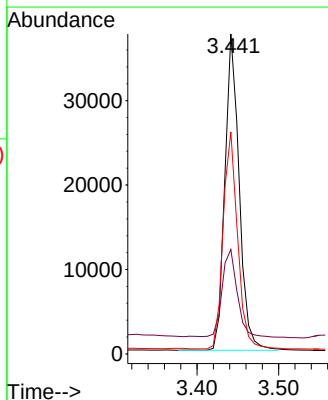
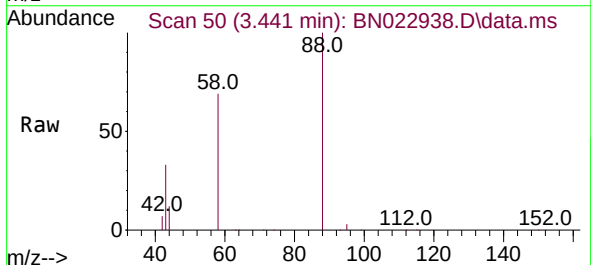
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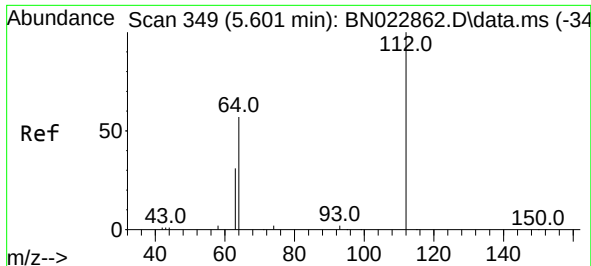
Reviewed By : Christian Giraldo 11/29/2022
Supervised By : mohammad ahmed 12/01/2022



#2
1,4-Dioxane
Concen: 5.019 ng
RT: 3.441 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

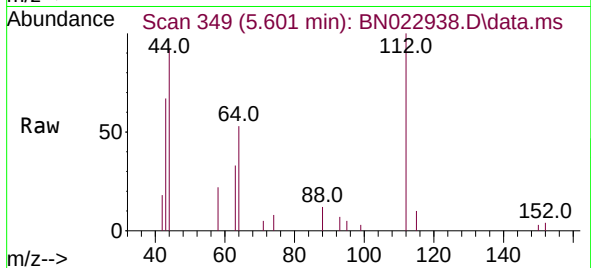
Tgt Ion: 88 Resp: 45650
Ion Ratio Lower Upper
88 100
43 29.2 25.4 38.2
58 69.3 56.5 84.7





#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.601 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

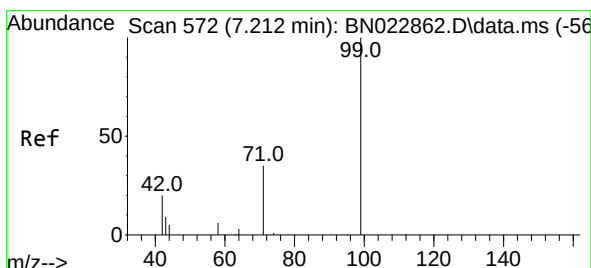
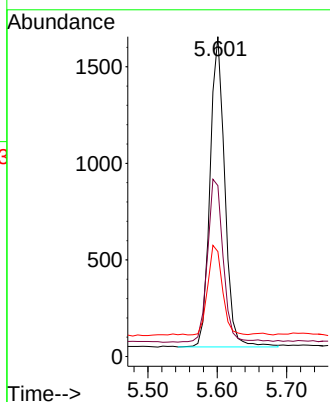
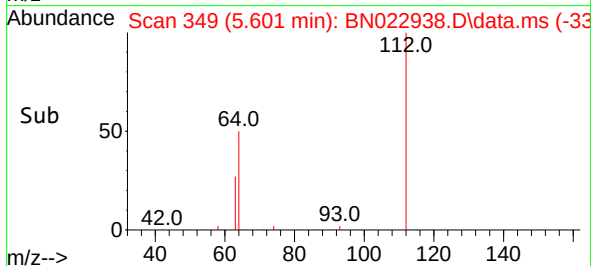
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 112 Resp: 2375
Ion Ratio Lower Upper
112 100
64 55.7 43.4 65.2
63 28.5 23.4 35.2

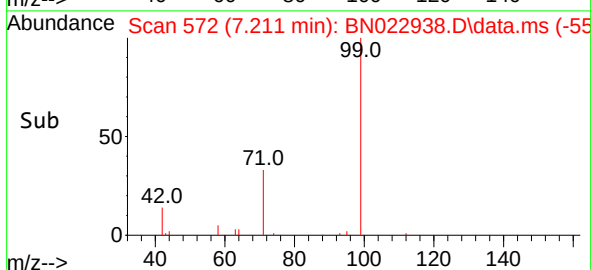
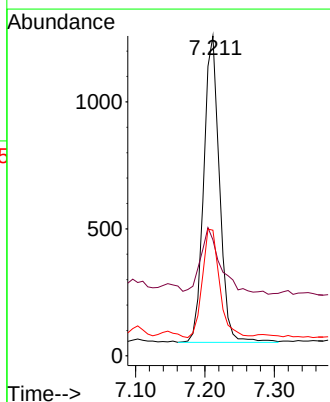
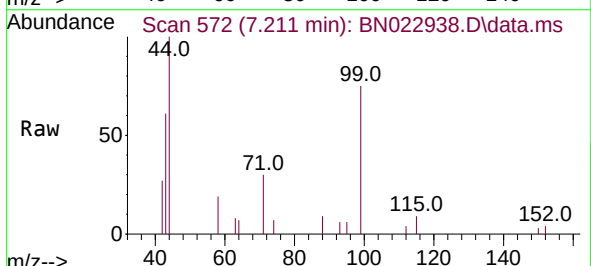
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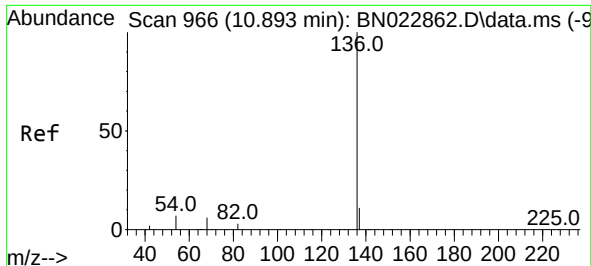
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Supervised By :mohammad ahmed 12/01/2022



#5
Phenol-d6
Concen: 0.080 ng
RT: 7.211 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

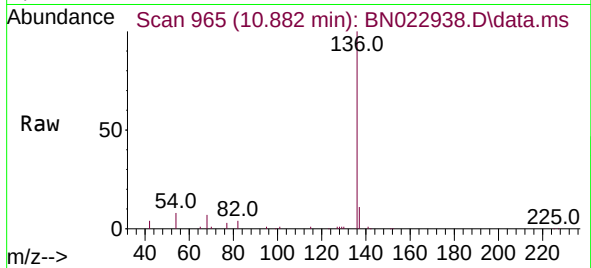
Tgt Ion: 99 Resp: 1906
Ion Ratio Lower Upper
99 100
42 27.4 16.0 24.0#
71 38.6 26.8 40.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

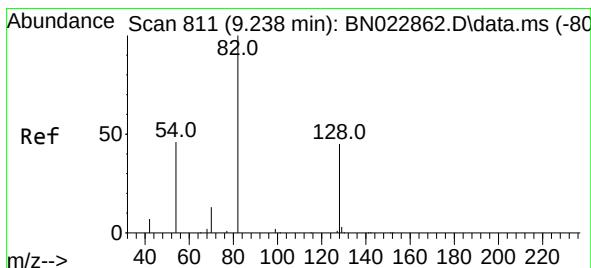
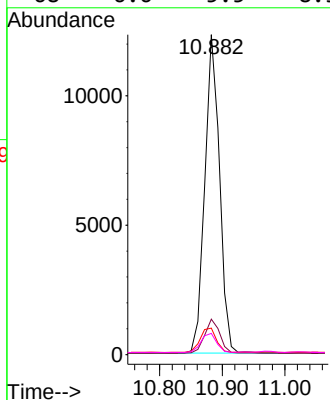
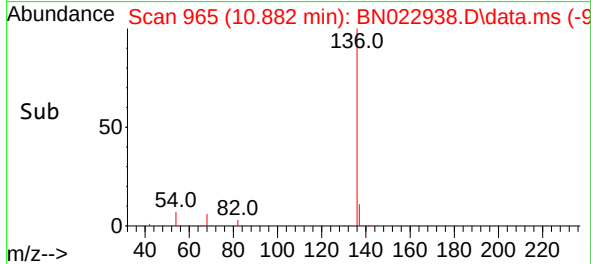
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 136 Resp: 2017
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.3 6.6 9.8
68 6.6 5.5 8.3

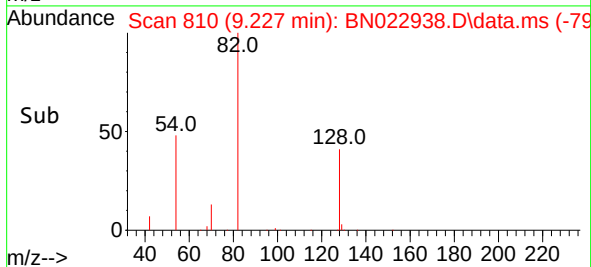
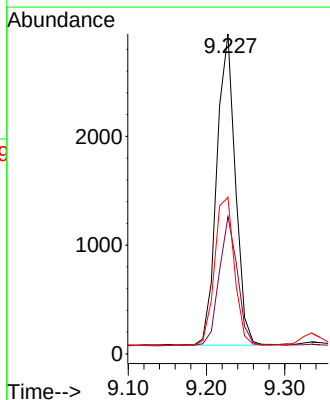
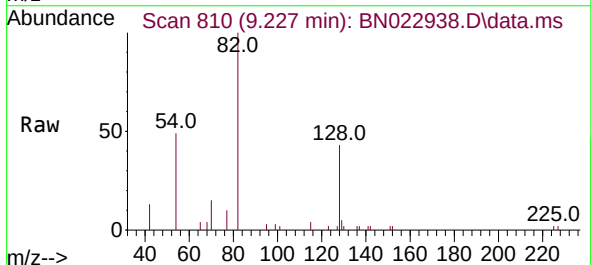
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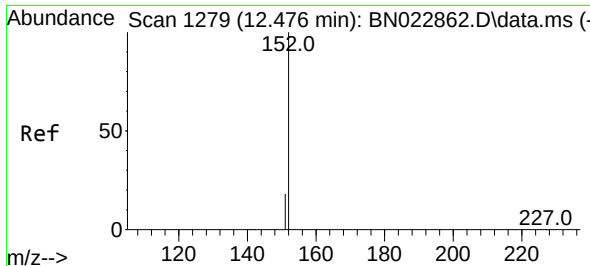
Reviewed By :Christian Giraldo 11/29/2022
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#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.227 min Scan# 810
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

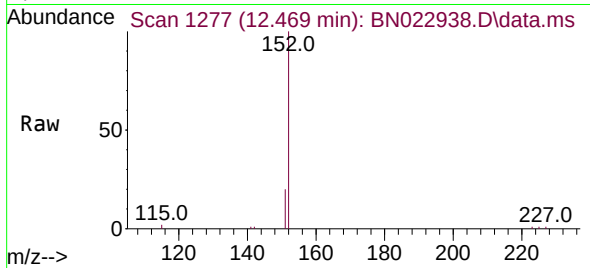
Tgt Ion: 82 Resp: 4738
Ion Ratio Lower Upper
82 100
128 42.9 36.6 54.8
54 48.9 38.5 57.7





#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.469 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

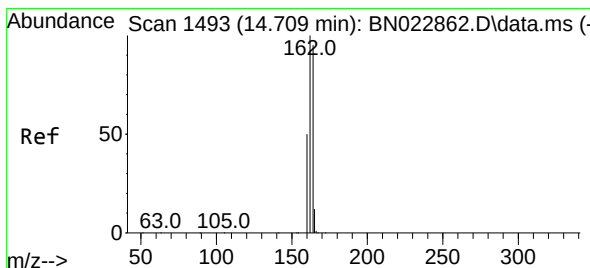
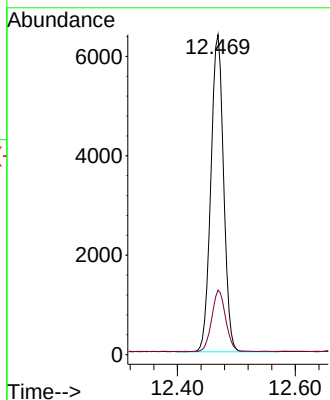
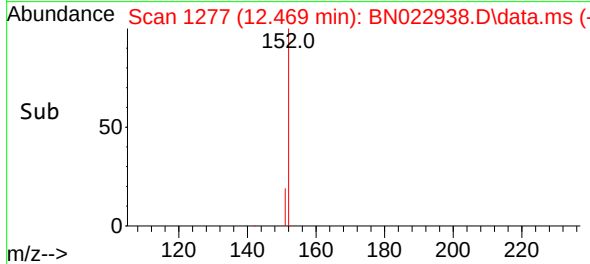
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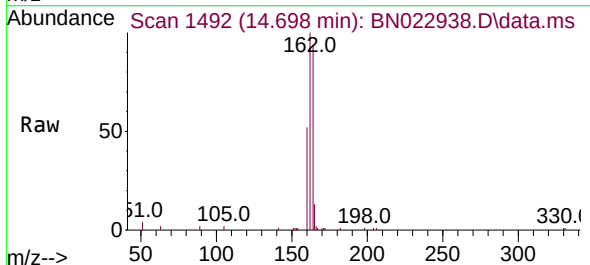
Tgt Ion:152 Resp: 12698
Ion Ratio Lower Upper
152 100
151 19.3 18.6 27.8

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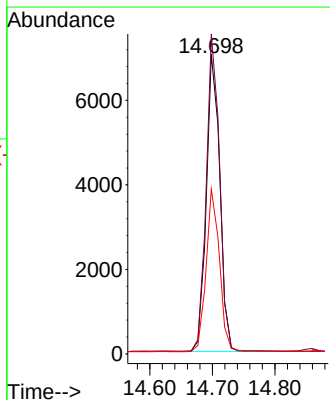
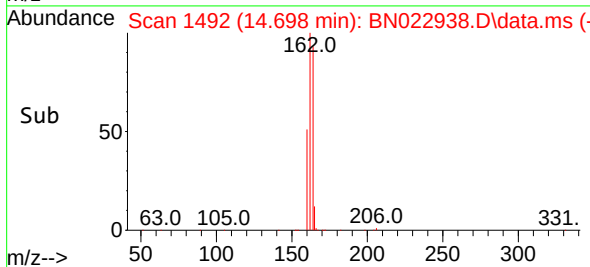
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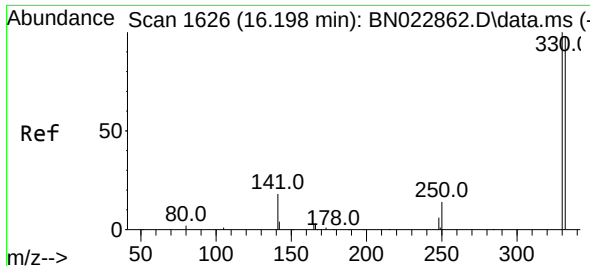


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11



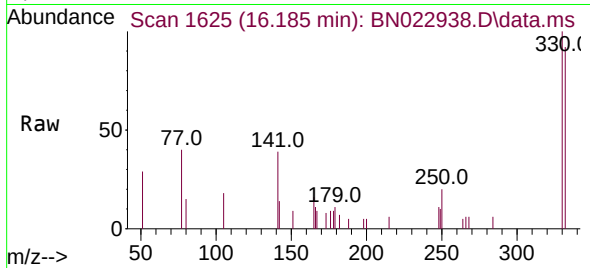
Tgt Ion:164 Resp: 10558
Ion Ratio Lower Upper
164 100
162 106.8 84.2 126.4
160 55.0 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 16.185 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

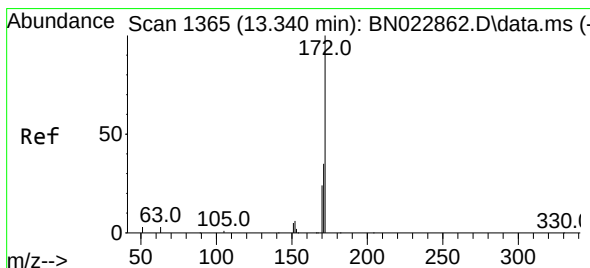
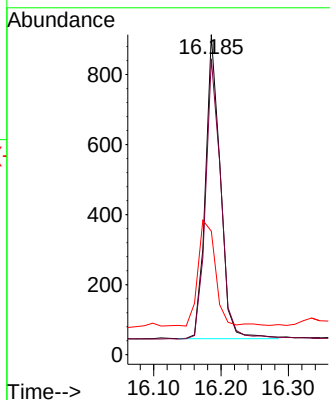
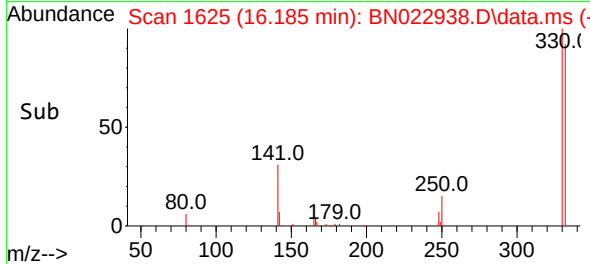
Instrument :
BNA_N
ClientSampleId :
RE125D1-20221116



Tgt Ion: 330 Resp: 1329
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 40.3 32.6 48.8

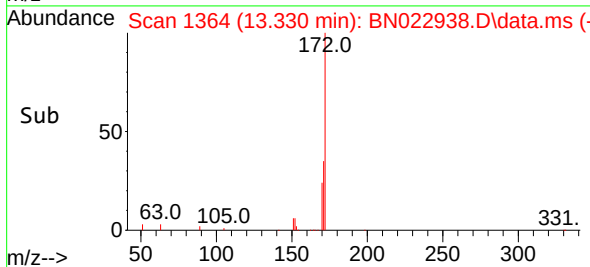
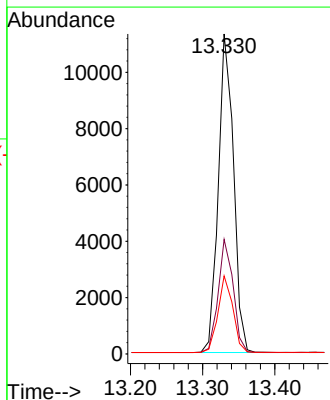
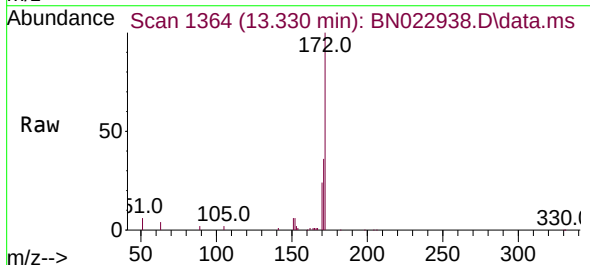
Manual Integrations
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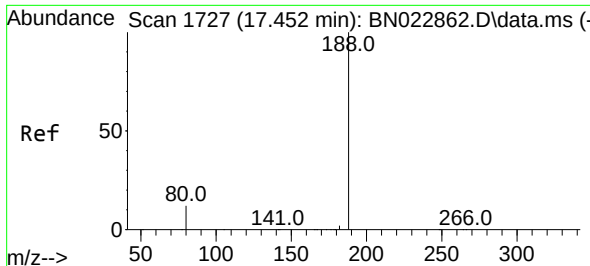
Reviewed By : Christian Giraldo 11/29/2022
Supervised By : mohammad ahmed 12/01/2022



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.330 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

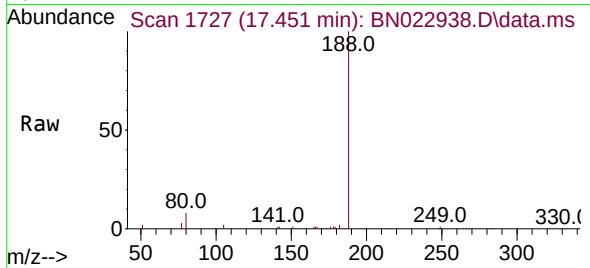
Tgt Ion: 172 Resp: 16637
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.4
170 24.4 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.451 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

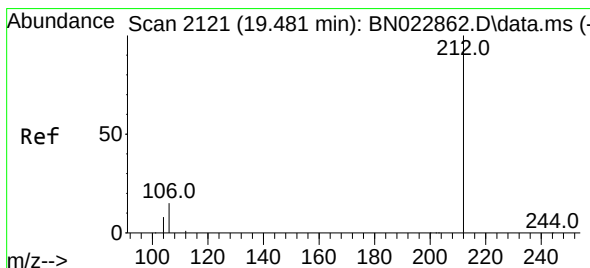
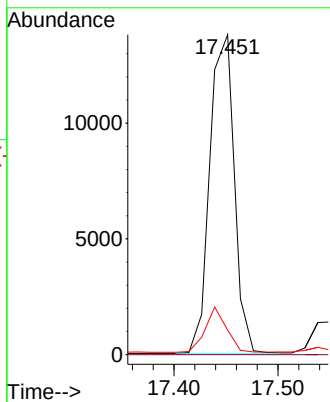
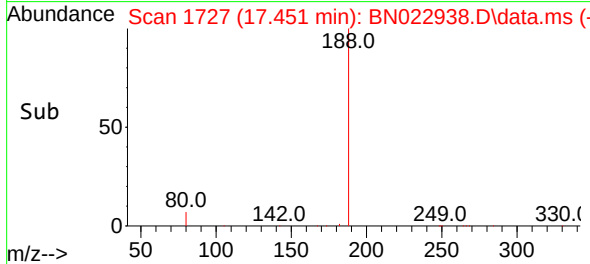
Instrument :
BNA_N
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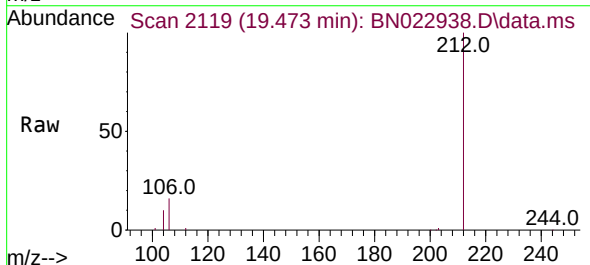
Tgt Ion:188 Resp: 22683
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 10.3 15.5

Manual Integrations
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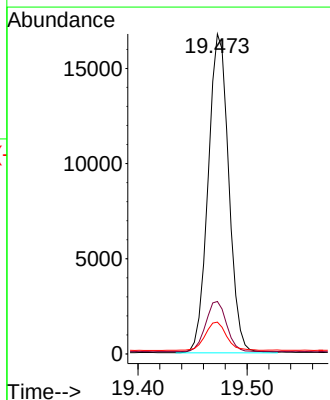
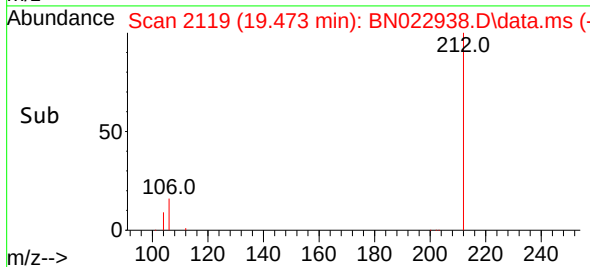
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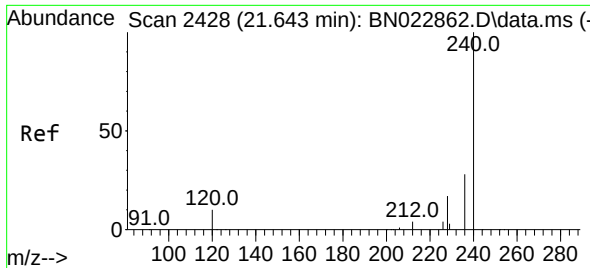


#27
Fluoranthene-d10
Concen: 0.357 ng m
RT: 19.473 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11



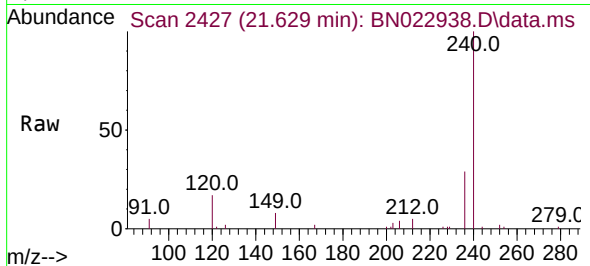
Tgt Ion:212 Resp: 21980
Ion Ratio Lower Upper
212 100
106 0.0 12.3 18.5#
104 0.0 7.0 10.4#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

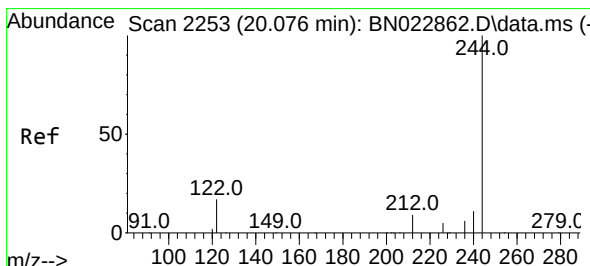
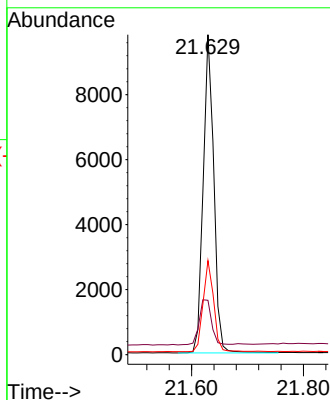
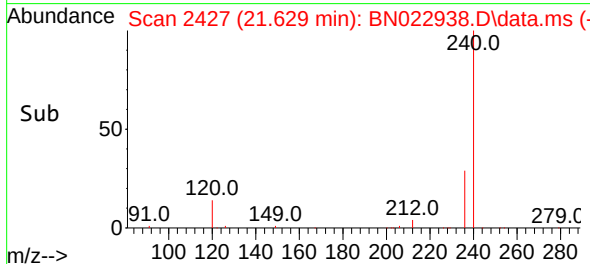
Instrument :
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Tgt Ion:240 Resp: 1286
Ion Ratio Lower Upper
240 100
120 17.0 9.2 13.8
236 29.4 22.6 34.0

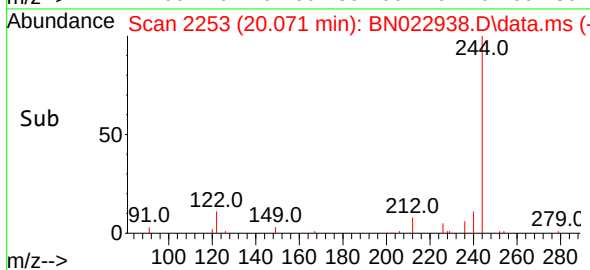
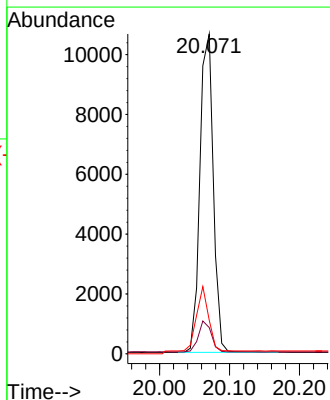
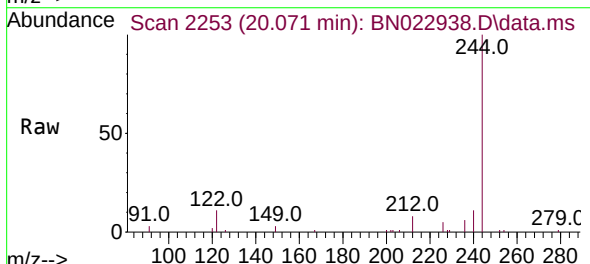
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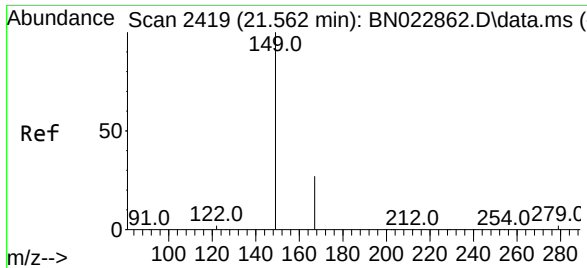
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/01/2022



#31
Terphenyl-d14
Concen: 0.466 ng
RT: 20.071 min Scan# 2253
Delta R.T. 0.004 min
Lab File: BN022938.D
Acq: 29 Nov 2022 05:11

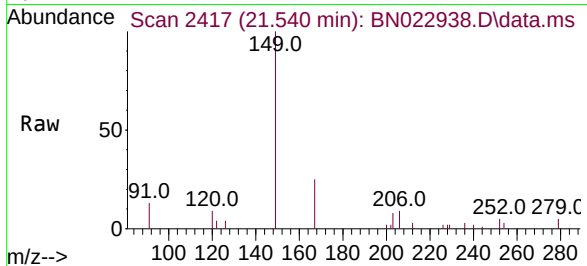
Tgt Ion:244 Resp: 14085
Ion Ratio Lower Upper
244 100
212 8.2 7.9 11.9
122 10.5 13.9 20.9





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.540 min Scan# 2417
 Delta R.T. -0.005 min
 Lab File: BN022938.D
 Acq: 29 Nov 2022 05:11

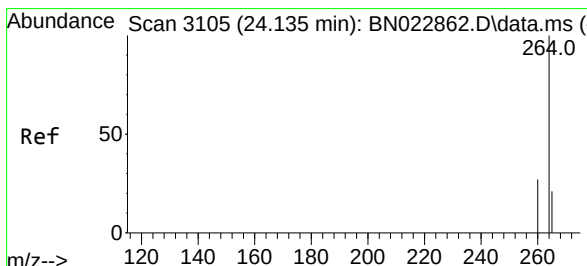
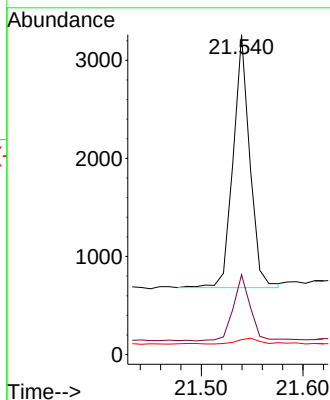
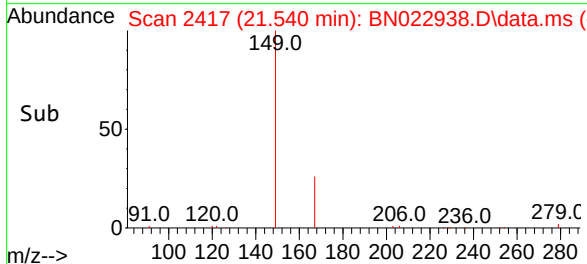
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20221116



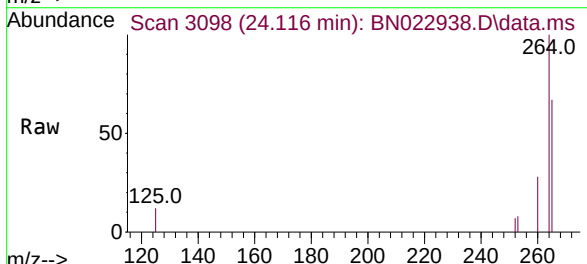
Tgt Ion:149 Resp: 2945
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 3.5 2.3 3.5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :mohammad ahmed 12/01/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.116 min Scan# 3098
 Delta R.T. -0.008 min
 Lab File: BN022938.D
 Acq: 29 Nov 2022 05:11



Tgt Ion:264 Resp: 8288
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.7 32.5
 265 66.7 31.0 46.4

