

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022966.D
 Acq On : 30 Nov 2022 01:03
 Operator : CG/JU
 Sample : N5671-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20221115

Quant Time: Nov 30 03:22:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6218	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	16729	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	7987	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	15361	0.400	ng	# 0.00
29) Chrysene-d12	21.629	240	8102	0.400	ng	# 0.00
35) Perylene-d12	24.110	264	5626	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1172	0.073	ng	0.00
5) Phenol-d6	7.204	99	1034	0.050	ng	0.00
8) Nitrobenzene-d5	9.227	82	3909m	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	12.465	152	9424	0.260	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	92	0.024	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	12577	0.344	ng	0.00
27) Fluoranthene-d10	19.473	212	11526	0.276	ng	0.00
31) Terphenyl-d14	20.062	244	8374	0.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	17418	2.207	ng	# 94
6) bis(2-Chloroethyl)ether	7.479	93	1174	0.061	ng	97
34) Bis(2-ethylhexyl)phtha...	21.531	149	536	0.041	ng	# 89

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

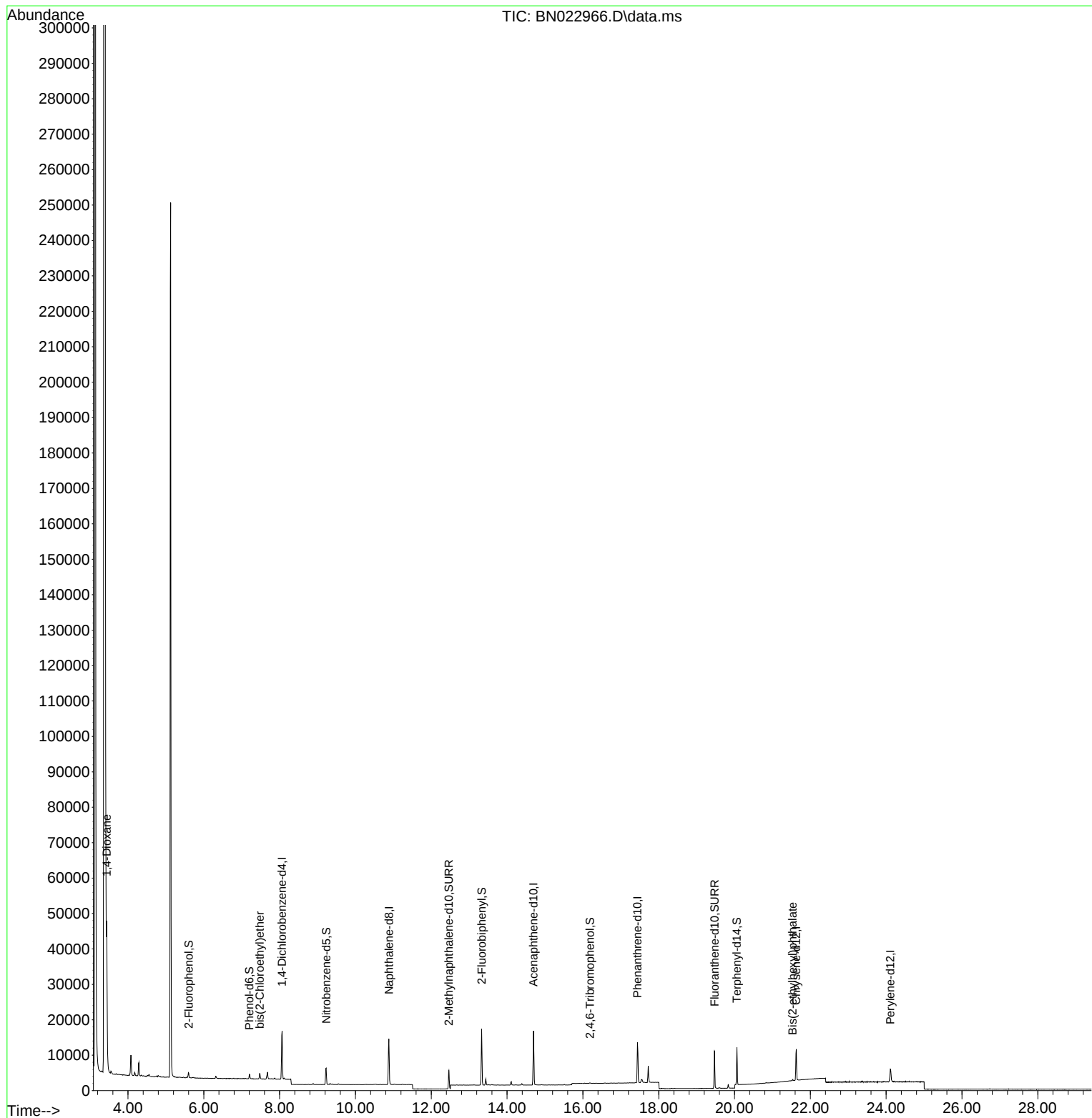
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022966.D
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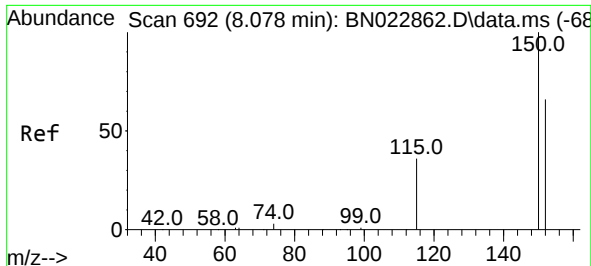
Instrument :
BNA_N
ClientSampleId :
RE108D2-20221115

Quant Time: Nov 30 03:22:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

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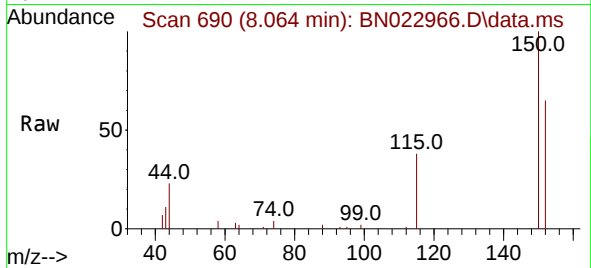
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 692
Delta R.T. -0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

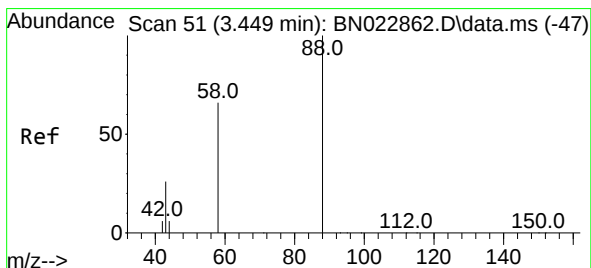
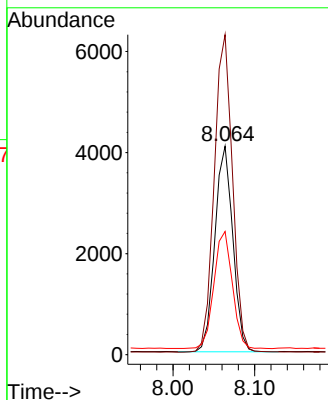
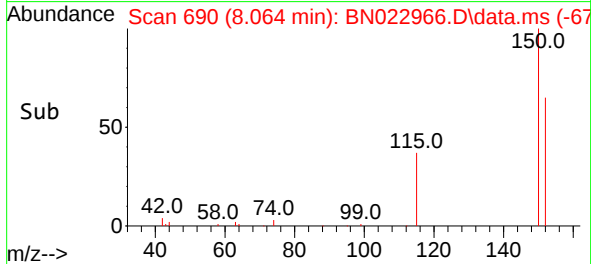
Instrument :
BNA_N
ClientSampleId :
RE108D2-20221115



Tgt Ion: 152 Resp: 6218
Ion Ratio Lower Upper
152 100
150 153.4 121.2 181.8
115 59.1 46.2 69.4

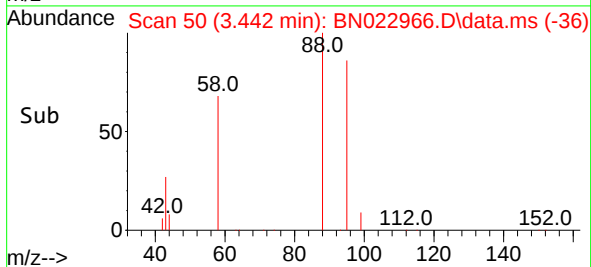
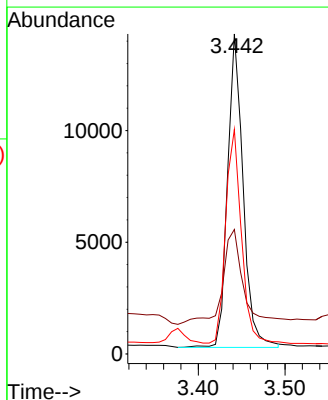
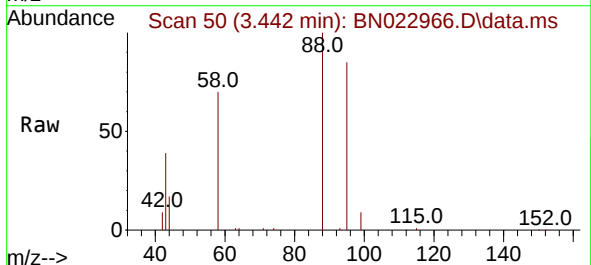
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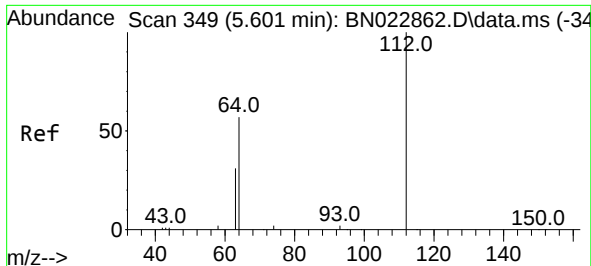
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#2
1,4-Dioxane
Concen: 2.207 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

Tgt Ion: 88 Resp: 17418
Ion Ratio Lower Upper
88 100
43 39.7 25.4 38.2#
58 68.6 56.5 84.7





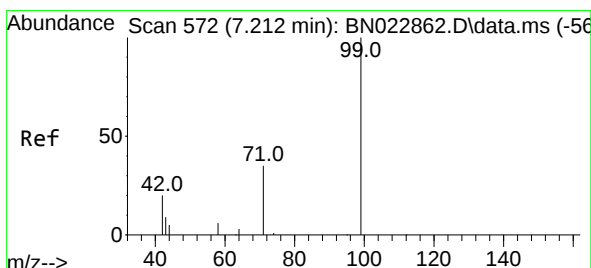
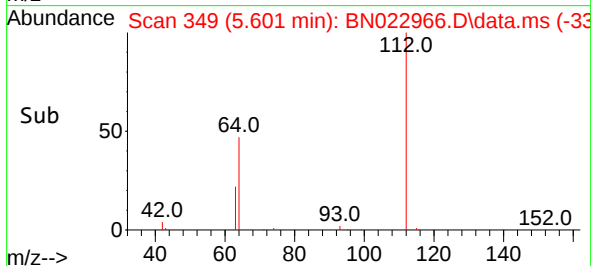
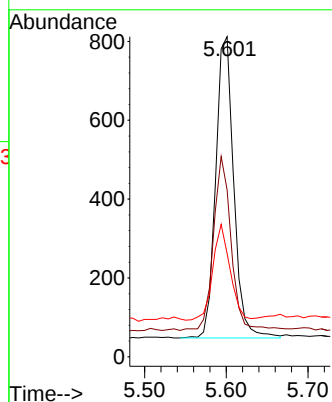
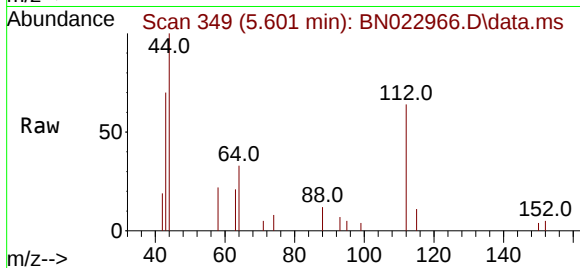
#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

Instrument :
BNA_N
ClientSampleId :
RE108D2-20221115

Tgt Ion:112 Resp: 1172
Ion Ratio Lower Upper
112 100
64 56.7 43.4 65.2
63 30.2 23.4 35.2

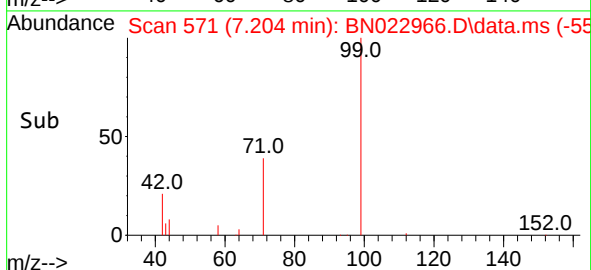
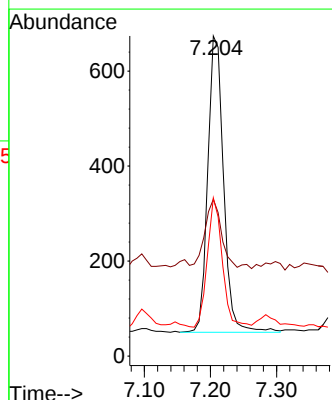
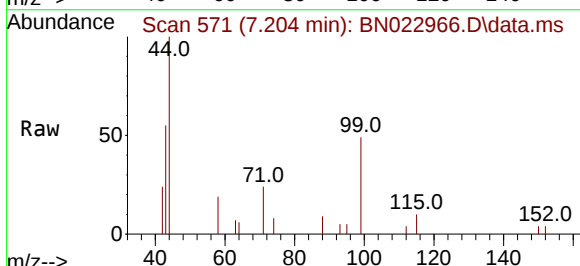
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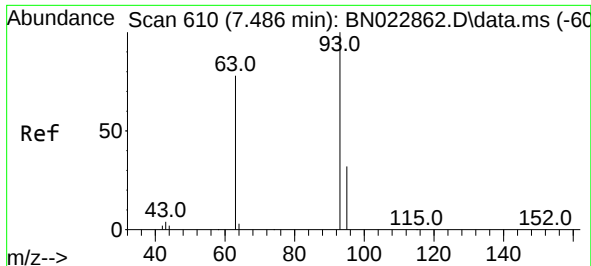
Reviewed By :Christian Giraldo 11/30/2022
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#5
Phenol-d6
Concen: 0.050 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

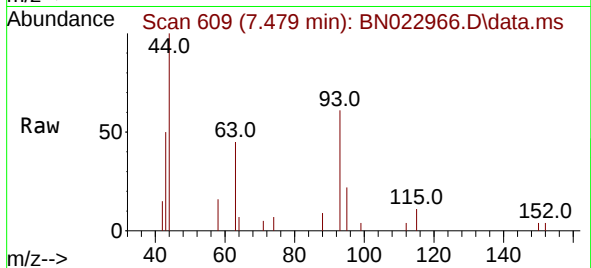
Tgt Ion: 99 Resp: 1034
Ion Ratio Lower Upper
99 100
42 25.5 16.0 24.0#
71 41.2 26.8 40.2#





#6
bis(2-Chloroethyl)ether
Concen: 0.061 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

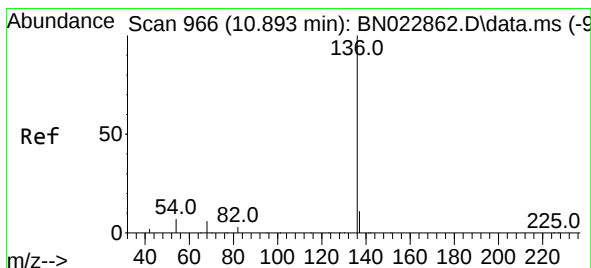
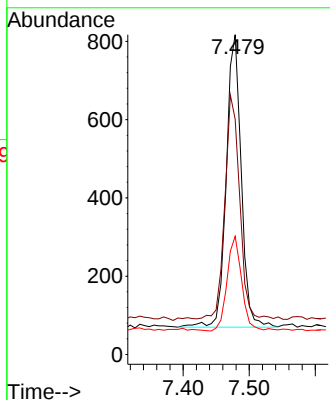
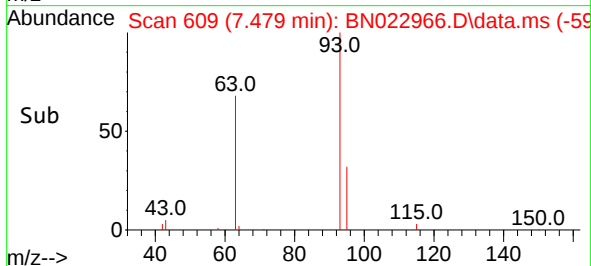
Instrument :
BNA_N
ClientSampleId :
RE108D2-20221115



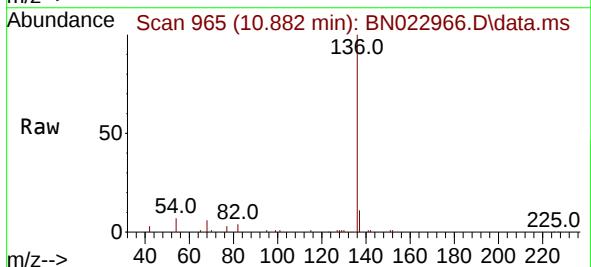
Tgt Ion: 93 Resp: 1174
Ion Ratio Lower Upper
93 100
63 76.1 58.3 87.5
95 31.6 25.8 38.6

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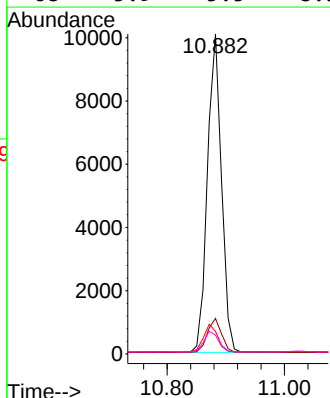
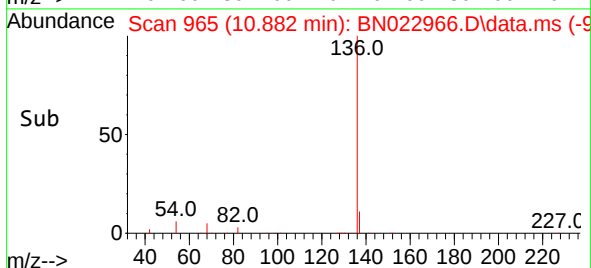
Reviewed By :Christian Giraldo 11/30/2022
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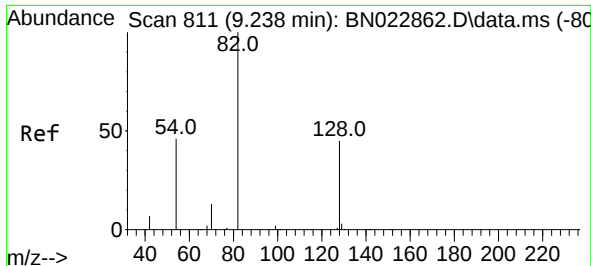


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03



Tgt Ion:136 Resp: 16729
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.0 6.6 9.8
68 5.9 5.5 8.3





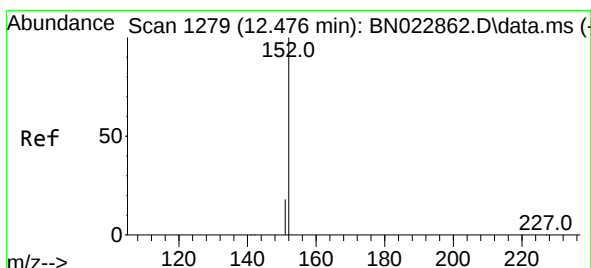
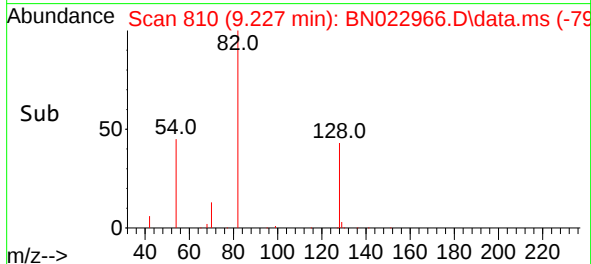
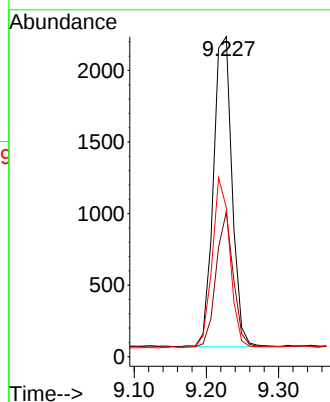
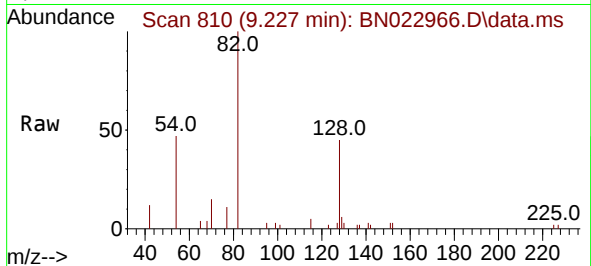
#8
Nitrobenzene-d5
Concen: 0.301 ng m
RT: 9.227 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

Instrument :
BNA_N
ClientSampleId :
RE108D2-20221115

Tgt Ion: 82 Resp: 3909
Ion Ratio Lower Upper
82 100
128 45.2 36.6 54.8
54 46.6 38.5 57.7

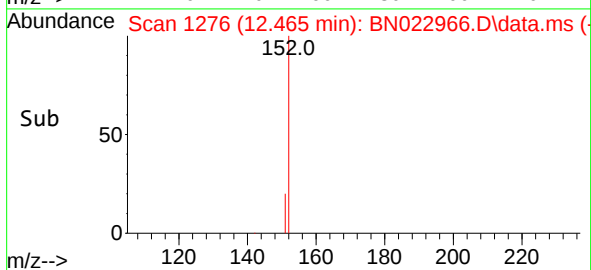
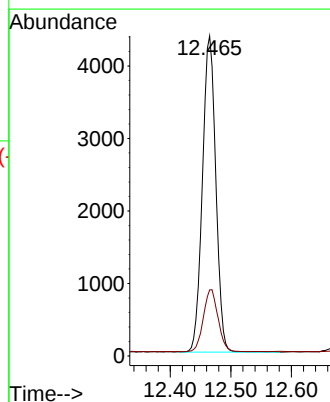
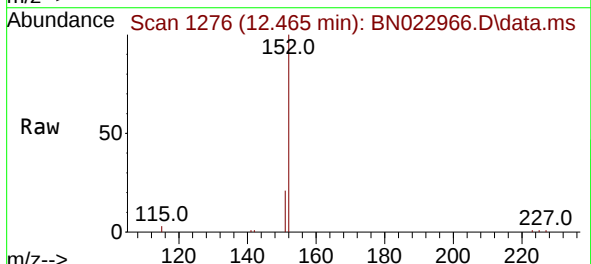
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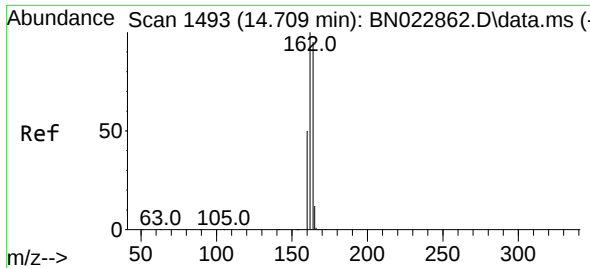
Reviewed By :Christian Giraldo 11/30/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.465 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

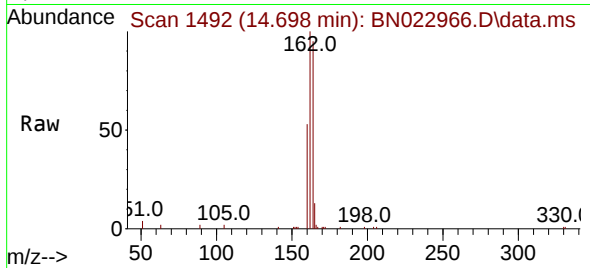
Tgt Ion:152 Resp: 9424
Ion Ratio Lower Upper
152 100
151 17.5 18.6 27.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

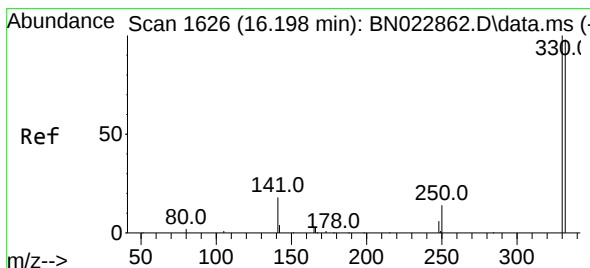
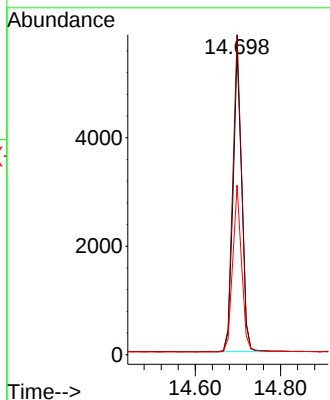
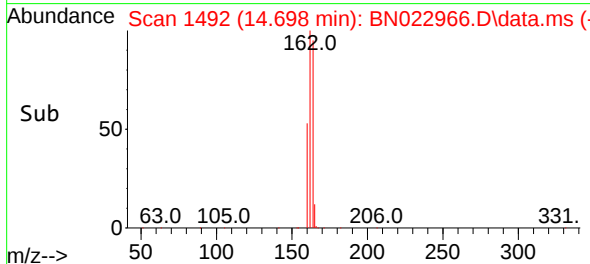
Instrument :
BNA_N
ClientSampleId :
RE108D2-20221115



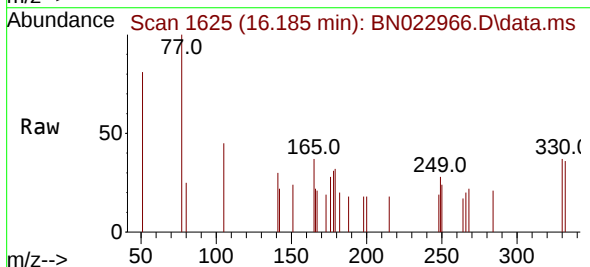
Tgt Ion:164 Resp: 798
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.4
160 55.6 42.5 63.7

Manual Integrations
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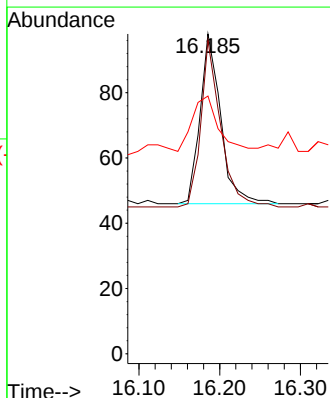
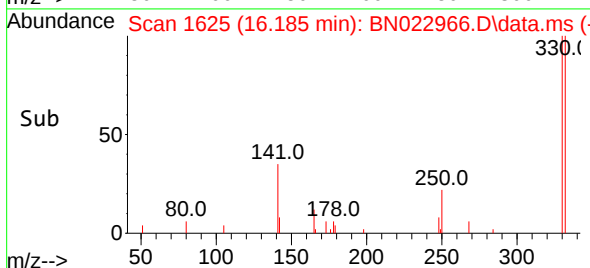
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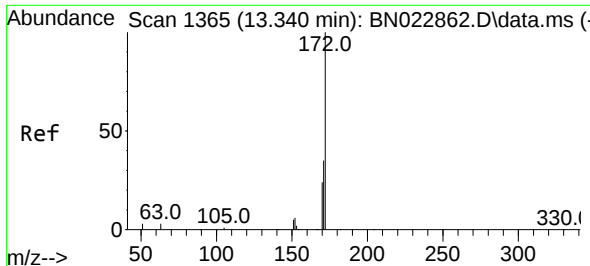


#14
2,4,6-Tribromophenol
Concen: 0.024 ng
RT: 16.185 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03



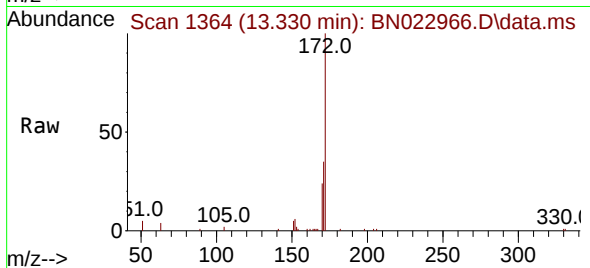
Tgt Ion:330 Resp: 92
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 42.4 32.6 48.8





#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

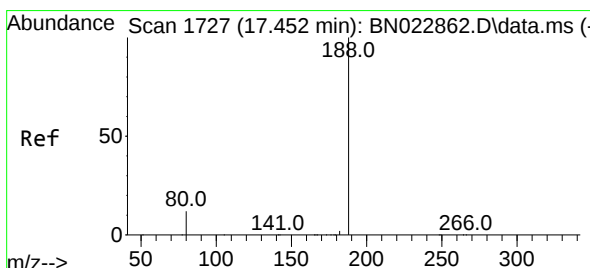
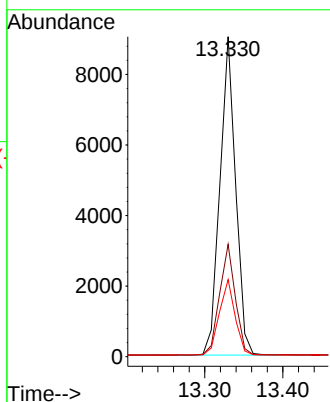
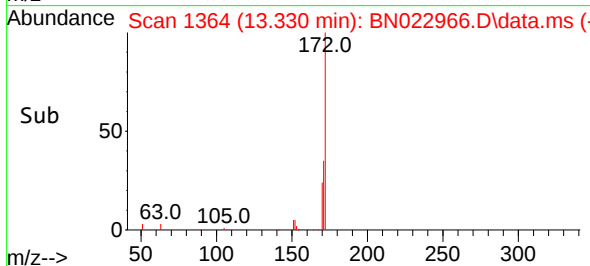
Instrument :
BNA_N
ClientSampleId :
RE108D2-20221115



Tgt Ion:172 Resp: 1257
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 24.1 19.3 28.9

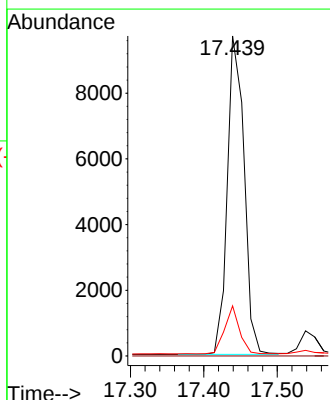
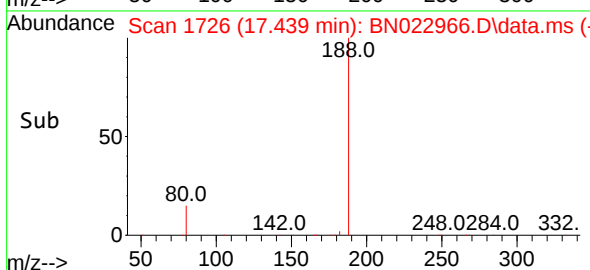
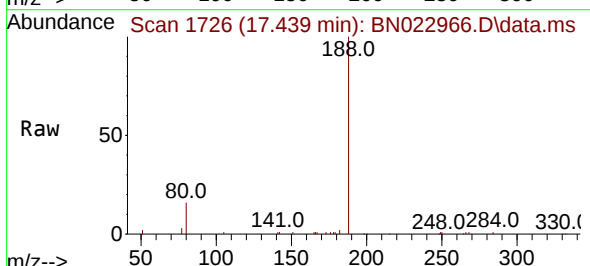
Manual Integrations
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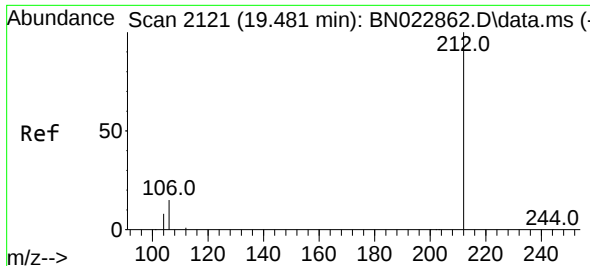
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

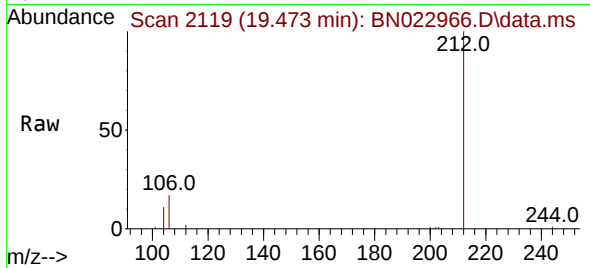
Tgt Ion:188 Resp: 15361
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 10.3 15.5#





#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.473 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03

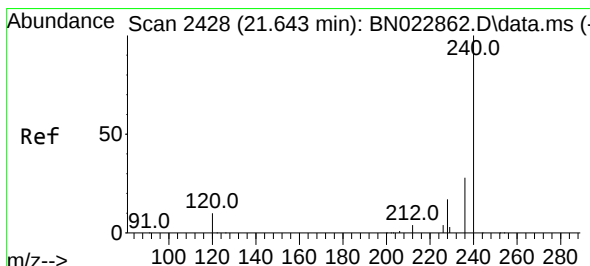
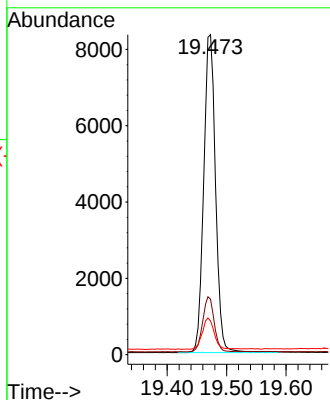
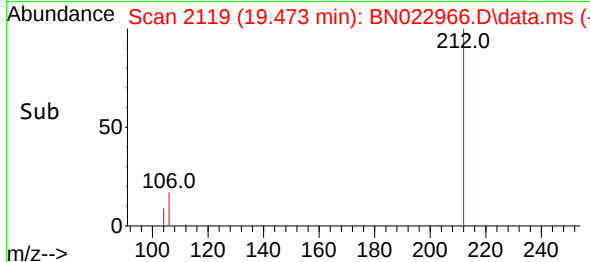
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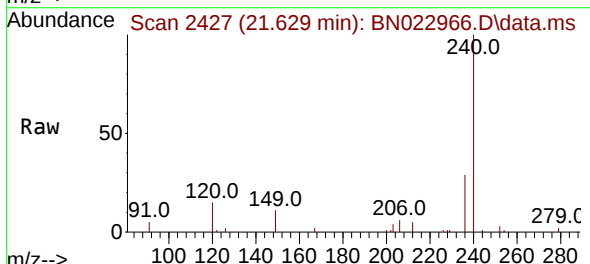
Tgt Ion:212 Resp: 11520
Ion Ratio Lower Upper
212 100
106 16.9 12.3 18.5
104 9.7 7.0 10.4

Manual Integrations
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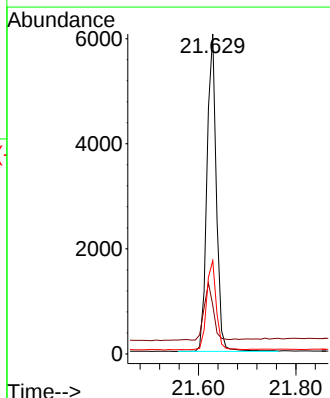
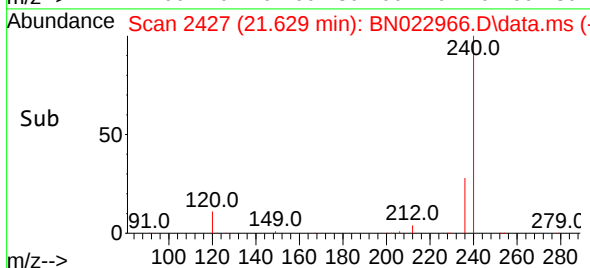
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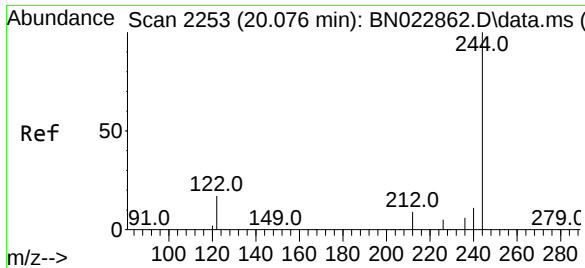


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN022966.D
Acq: 30 Nov 2022 01:03



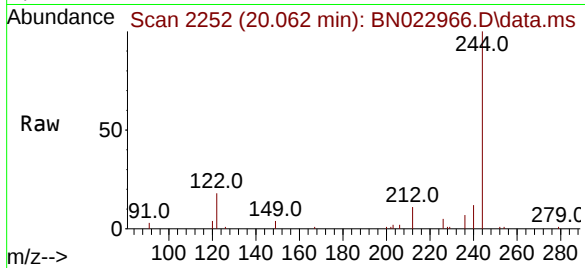
Tgt Ion:240 Resp: 8102
Ion Ratio Lower Upper
240 100
120 15.3 9.2 13.8#
236 29.2 22.6 34.0





#31
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022966.D
 Acq: 30 Nov 2022 01:03

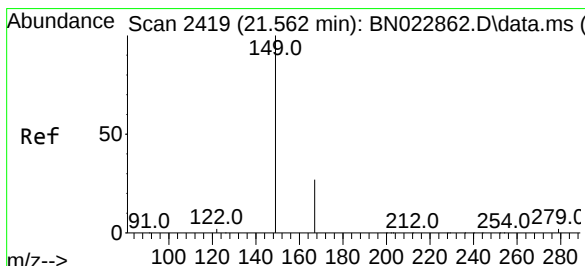
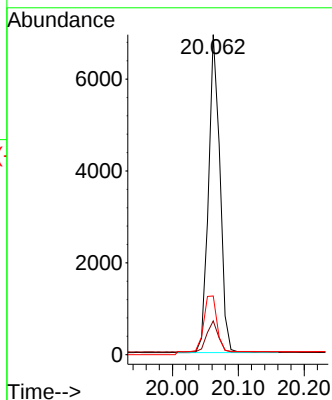
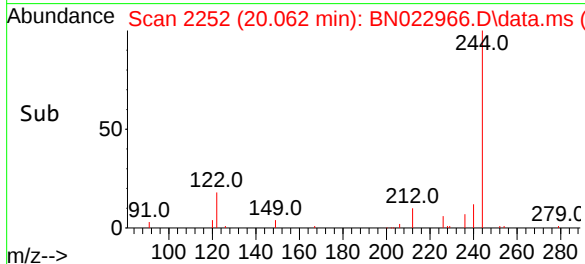
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20221115



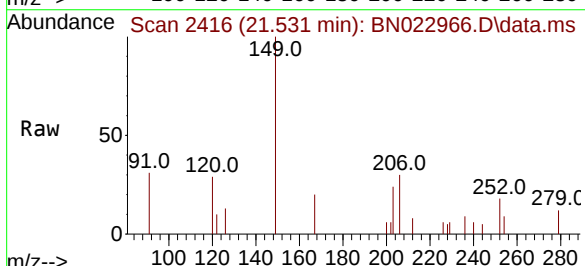
Tgt Ion:244 Resp: 8374
 Ion Ratio Lower Upper
 244 100
 212 10.6 7.9 11.9
 122 18.3 13.9 20.9

Manual Integrations
 APPROVED

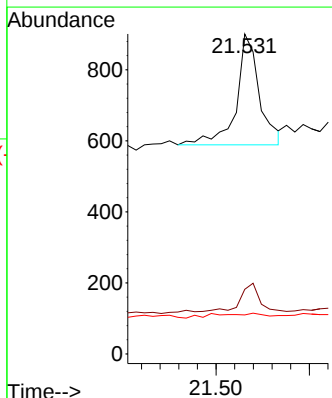
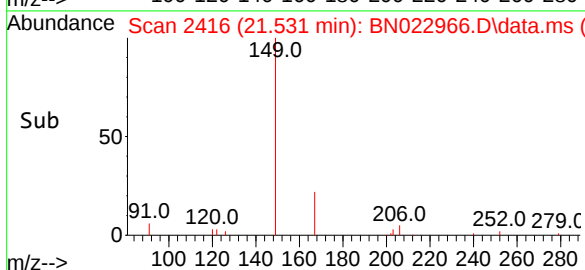
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

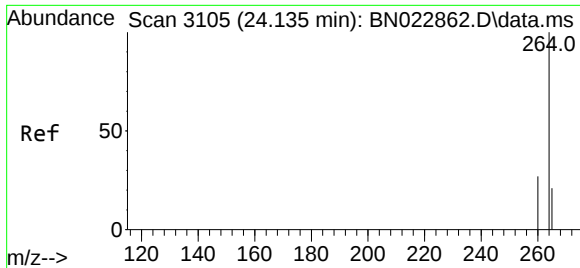


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.531 min Scan# 2416
 Delta R.T. -0.009 min
 Lab File: BN022966.D
 Acq: 30 Nov 2022 01:03



Tgt Ion:149 Resp: 536
 Ion Ratio Lower Upper
 149 100
 167 21.1 21.3 31.9#
 279 0.0 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.110 min Scan# 30

Delta R.T. -0.003 min

Lab File: BN022966.D

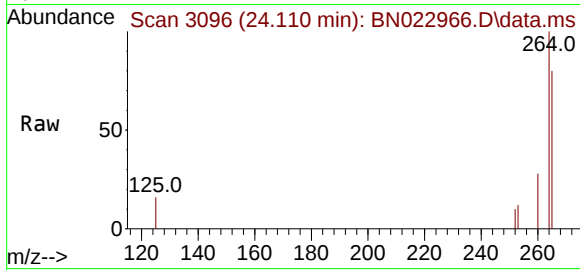
Acq: 30 Nov 2022 01:03

Instrument :

BNA_N

ClientSampleId :

RE108D2-20221115



Tgt Ion:264 Resp: 5620

Ion Ratio Lower Upper

264 100

260 28.2 21.7 32.5

265 79.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022

Supervised By :mohammad ahmed 12/01/2022

