

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024968.D
 Acq On : 17 Apr 2023 22:44
 Operator : CG/JU
 Sample : 02354-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230413

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2023
 Supervised By : Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 05:33:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	1008	0.400	ng	# 0.00
7) Naphthalene-d8	10.771	136	2711	0.400	ng	# 0.02
13) Acenaphthene-d10	14.587	164	1395	0.400	ng	0.01
19) Phenanthrene-d10	17.348	188	2612	0.400	ng	# 0.02
29) Chrysene-d12	21.545	240	2101	0.400	ng	# 0.02
35) Perylene-d12	24.001	264	1243	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.499	112	276	0.119	ng	0.00
5) Phenol-d6	7.088	99	3	0.001	ng	-0.01
8) Nitrobenzene-d5	9.159	82	523	0.239	ng	0.05
11) 2-Methylnaphthalene-d10	12.374	152	1170	0.326	ng	0.04
14) 2,4,6-Tribromophenol	16.107	330	124	0.198	ng	0.04
15) 2-Fluorobiphenyl	13.229	172	1777m	0.333	ng	0.02
27) Fluoranthene-d10	19.376	212	2276	0.384	ng	0.02
31) Terphenyl-d14	19.966	244	2064	0.433	ng	0.01
Target Compounds						Qvalue
28) Fluoranthene	19.410	202	178	0.021	ng	# 85
30) Pyrene	19.764	202	175	0.023	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.428	149	568	0.149	ng	# 80

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

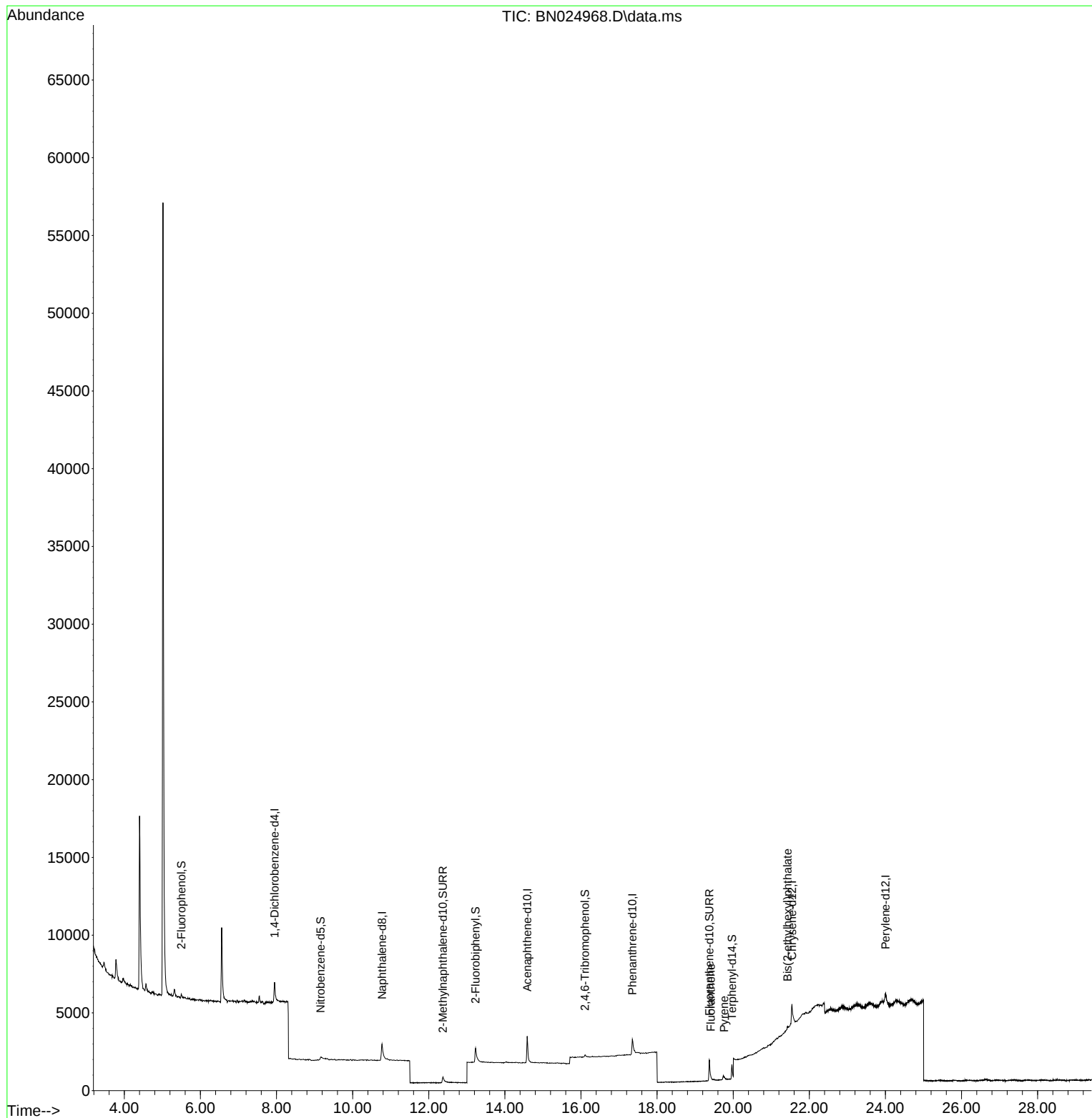
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
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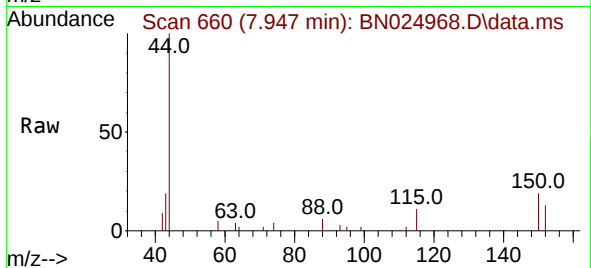
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.947 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

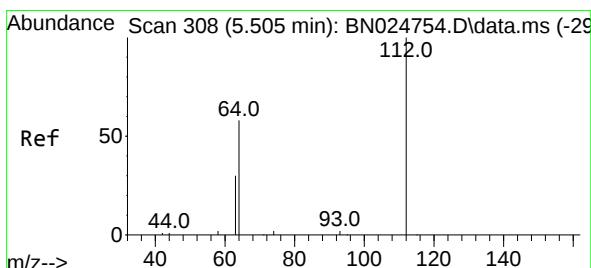
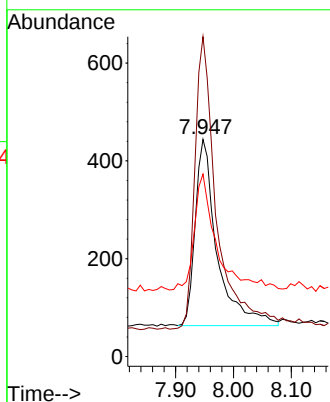
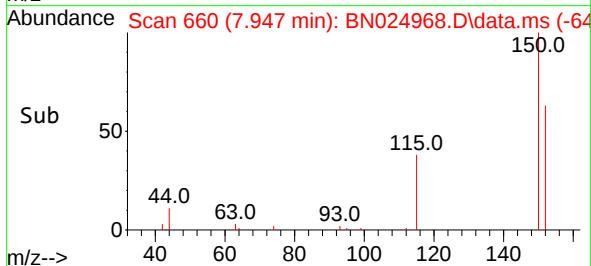
Instrument :
BNA_N
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SP-303-20230413



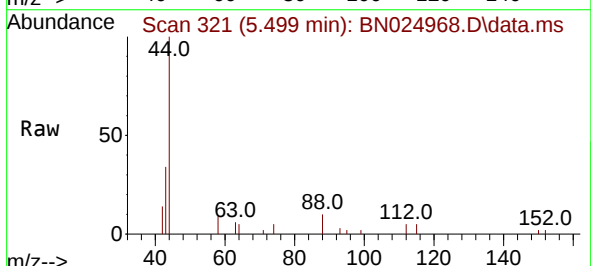
Tgt Ion:152 Resp: 1000
Ion Ratio Lower Upper
152 100
150 147.3 121.8 182.8
115 84.0 48.3 72.5

Manual Integrations
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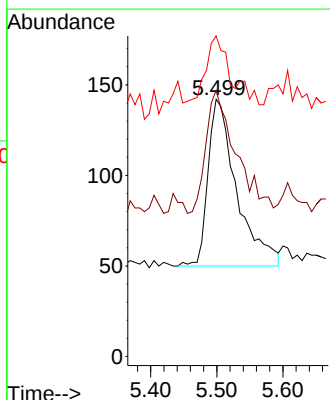
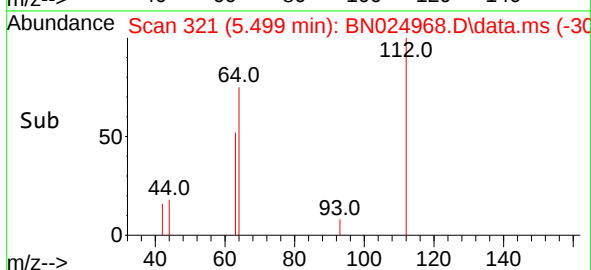
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

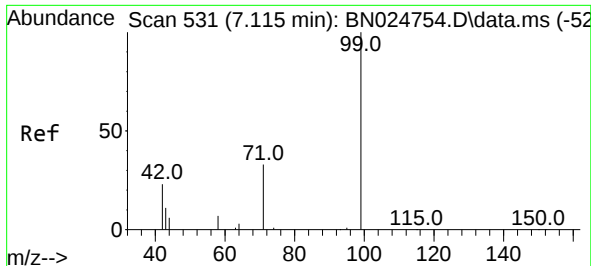


#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.499 min Scan# 321
Delta R.T. 0.007 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44



Tgt Ion:112 Resp: 276
Ion Ratio Lower Upper
112 100
64 78.3 52.5 78.7
63 28.3 27.9 41.9





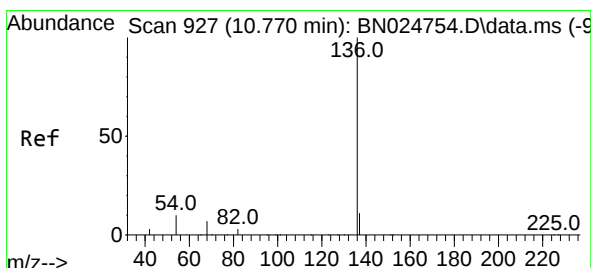
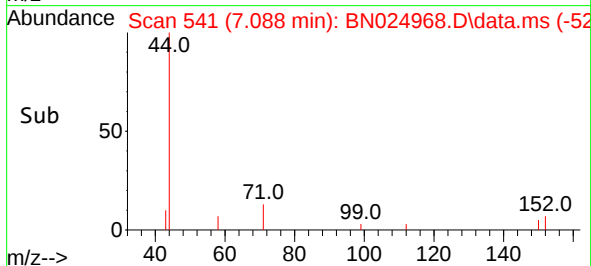
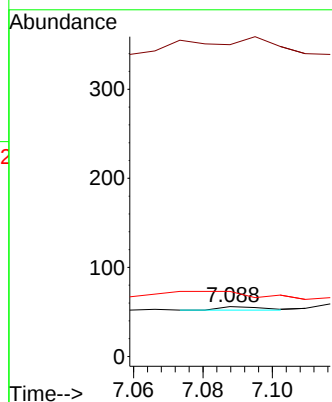
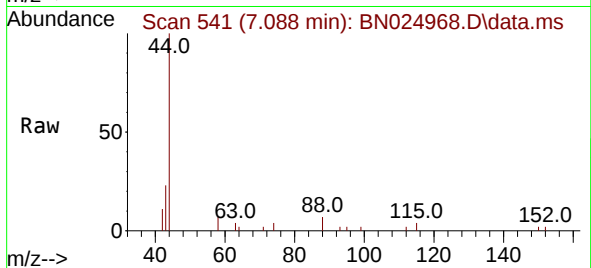
#5
Phenol-d6
Concen: 0.001 ng
RT: 7.088 min Scan# 541
Delta R.T. -0.014 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

Tgt Ion: 99 Resp:
Ion Ratio Lower Upper
99 100
42 2500.0 22.8 34.2
71 0.0 28.2 42.2

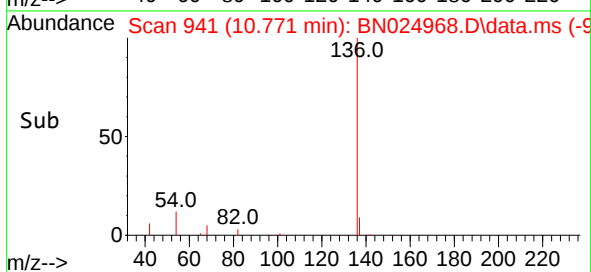
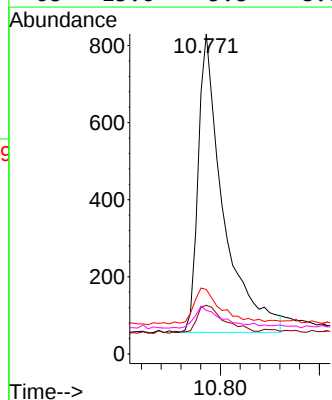
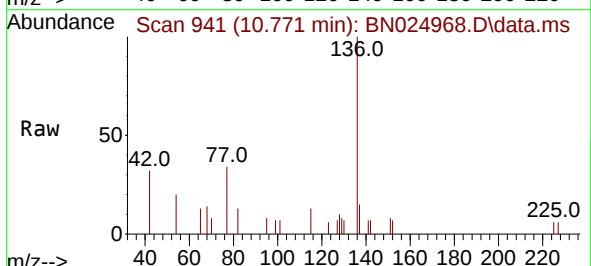
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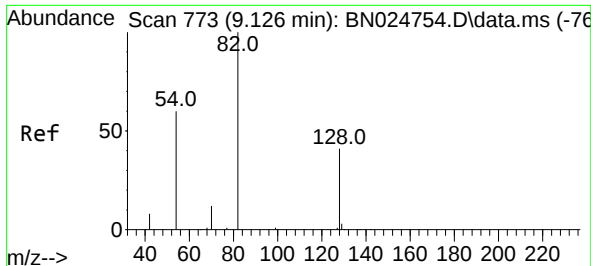
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.771 min Scan# 941
Delta R.T. 0.021 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

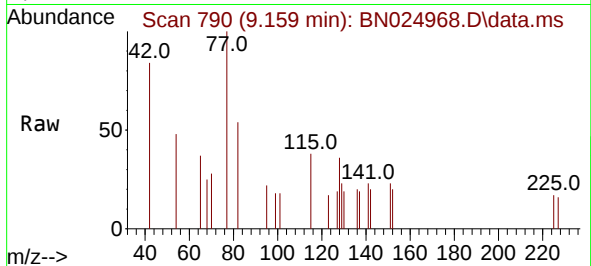
Tgt Ion:136 Resp: 2711
Ion Ratio Lower Upper
136 100
137 15.2 8.9 13.3#
54 20.1 8.2 12.4#
68 13.6 5.8 8.6#





#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 9.159 min Scan# 790
Delta R.T. 0.053 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

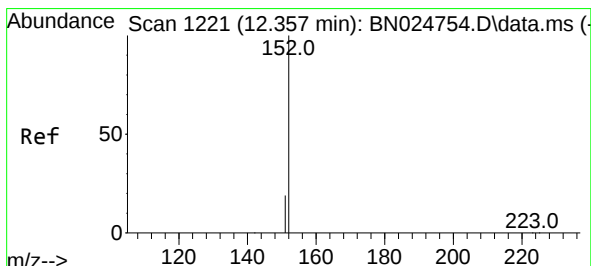
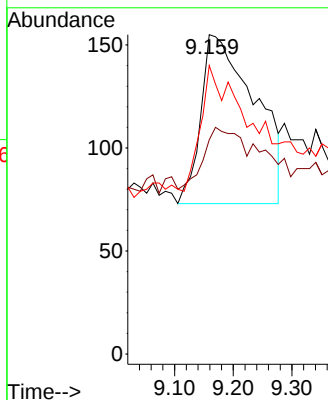
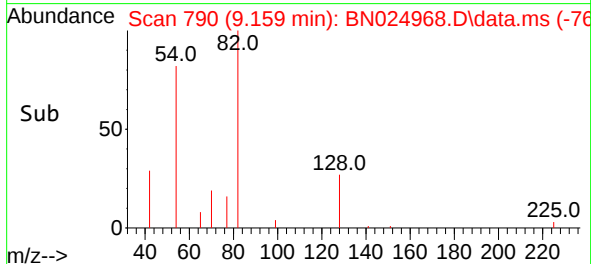
Instrument :
BNA_N
ClientSampleId :
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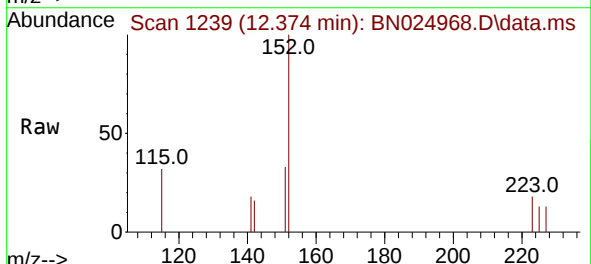
Tgt Ion: 82 Resp: 520
Ion Ratio Lower Upper
82 100
128 67.1 33.8 50.6
54 90.3 49.4 74.0

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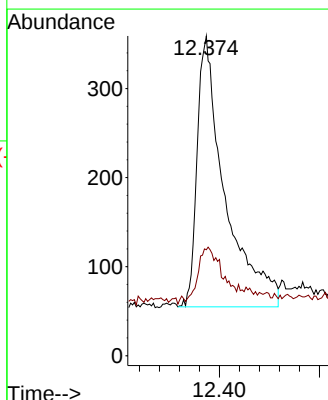
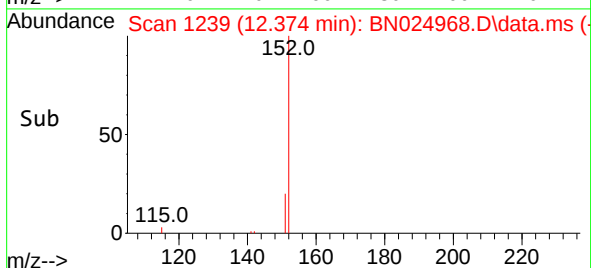
Reviewed By :Christian Giraldo 04/18/2023
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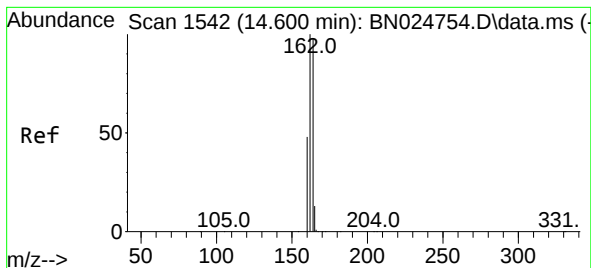


#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.374 min Scan# 1239
Delta R.T. 0.038 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44



Tgt Ion:152 Resp: 1170
Ion Ratio Lower Upper
152 100
151 16.8 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.587 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN024968.D

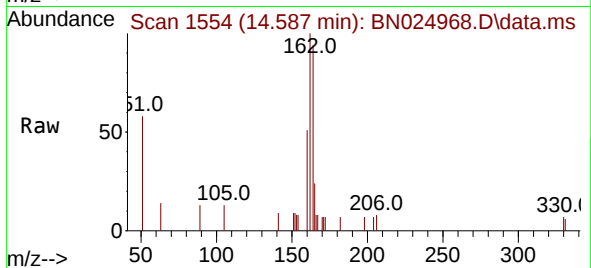
Acq: 17 Apr 2023 22:44

Instrument :

BNA_N

ClientSampleId :

SP-303-20230413



Tgt Ion:164 Resp: 139

Ion Ratio Lower Upper

164 100

162 106.2 81.9 122.9

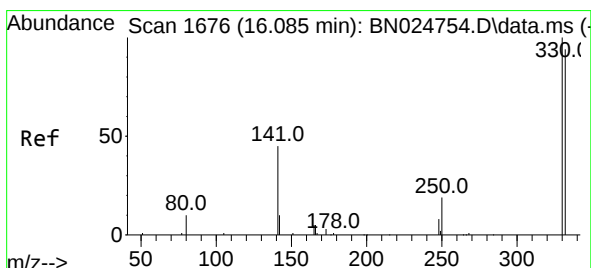
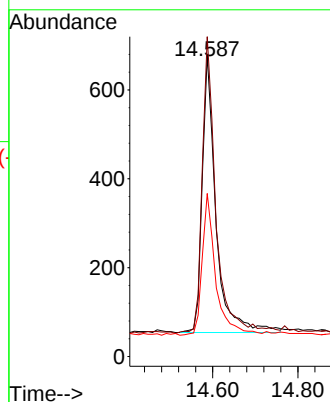
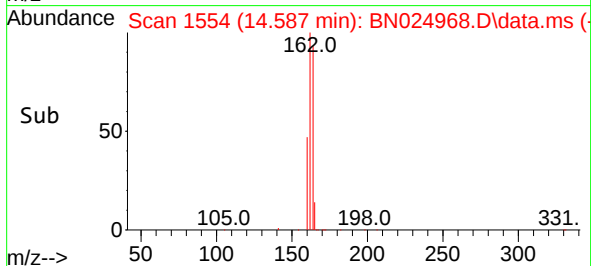
160 54.1 39.2 58.8

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.198 ng

RT: 16.107 min Scan# 1691

Delta R.T. 0.037 min

Lab File: BN024968.D

Acq: 17 Apr 2023 22:44

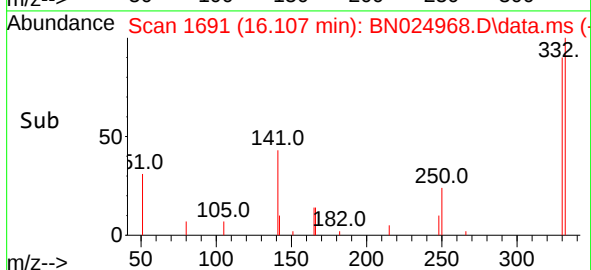
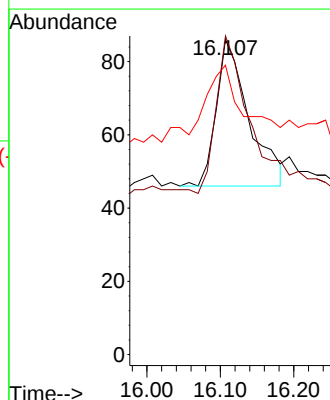
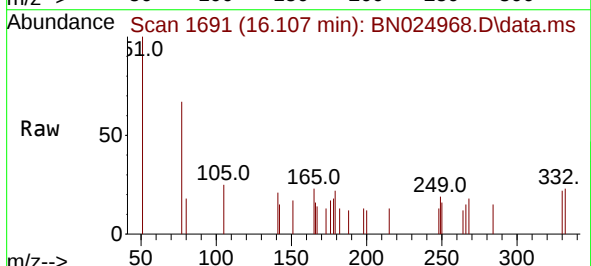
Tgt Ion:330 Resp: 124

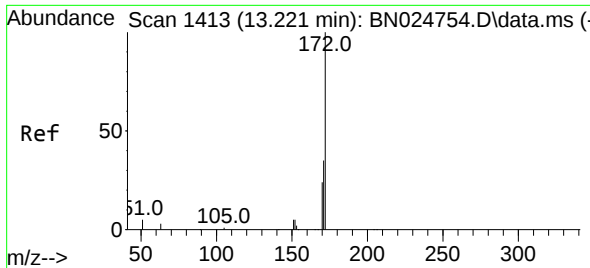
Ion Ratio Lower Upper

330 100

332 96.8 77.9 116.9

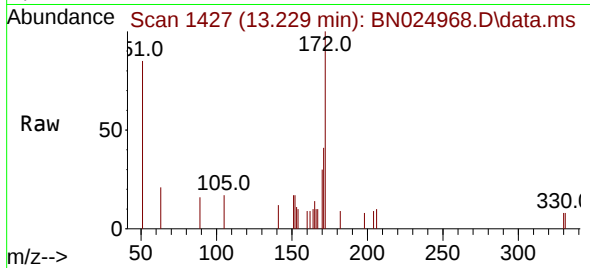
141 66.1 31.0 46.6#





#15
2-Fluorobiphenyl
Concen: 0.333 ng m
RT: 13.229 min Scan# 1413
Delta R.T. 0.021 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

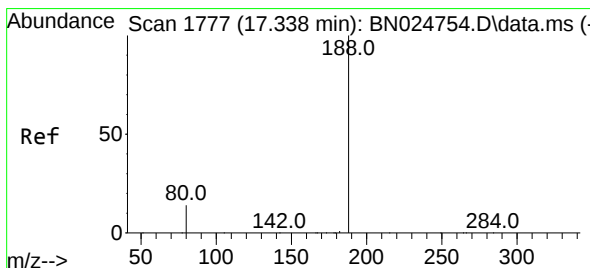
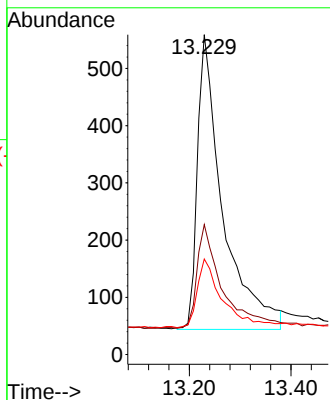
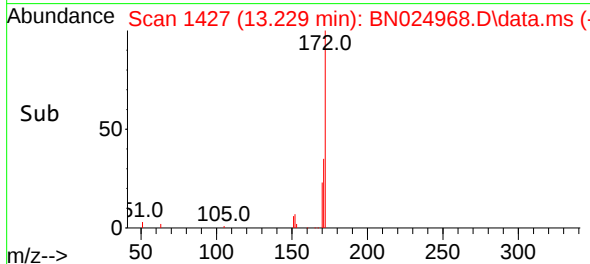
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413



Tgt Ion:172 Resp: 177
Ion Ratio Lower Upper
172 100
171 40.6 28.2 42.2
170 29.9 19.2 28.8

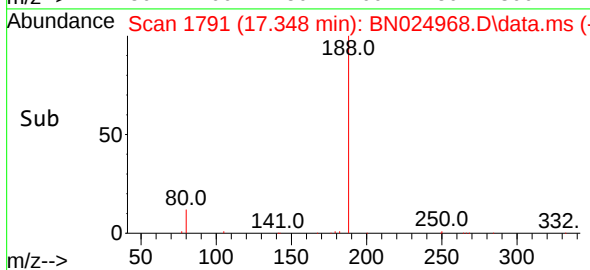
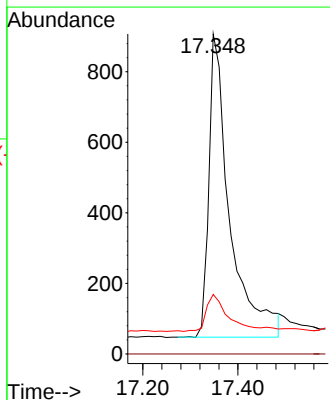
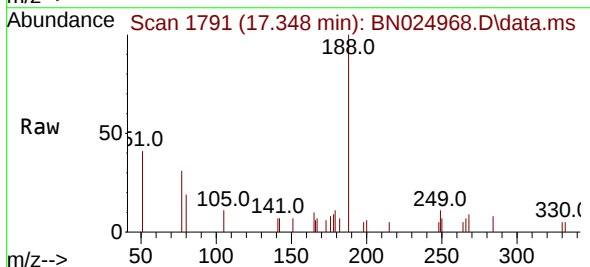
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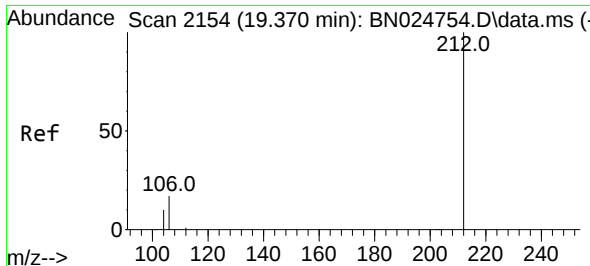
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.348 min Scan# 1791
Delta R.T. 0.025 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

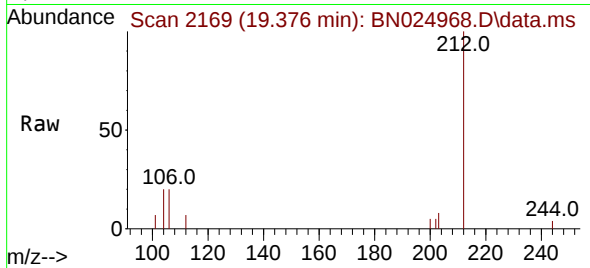
Tgt Ion:188 Resp: 2612
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.6 11.3 16.9





#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.376 min Scan# 2154
Delta R.T. 0.017 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

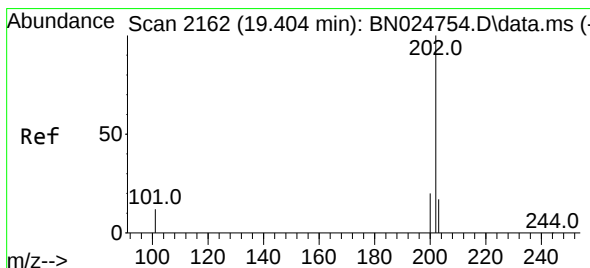
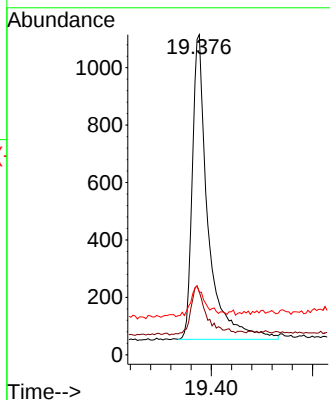
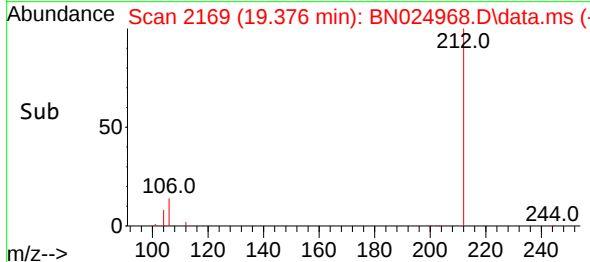
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Tgt Ion:212 Resp: 2270
Ion Ratio Lower Upper
212 100
106 15.6 13.2 19.8
104 9.3 7.6 11.4

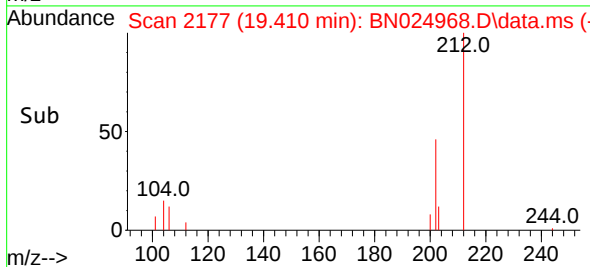
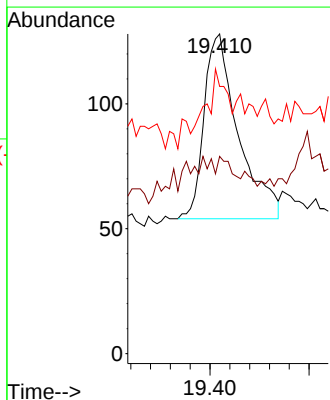
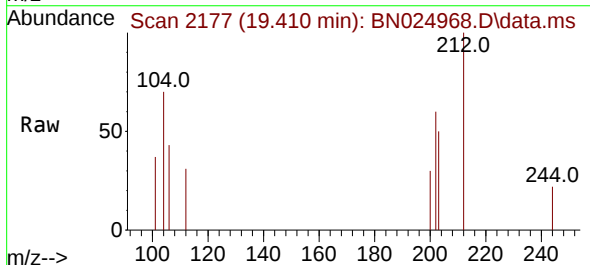
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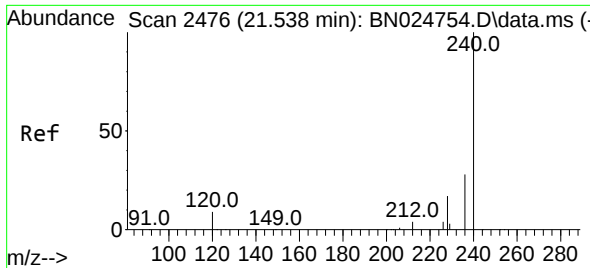
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#28
Fluoranthene
Concen: 0.021 ng
RT: 19.410 min Scan# 2177
Delta R.T. 0.021 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

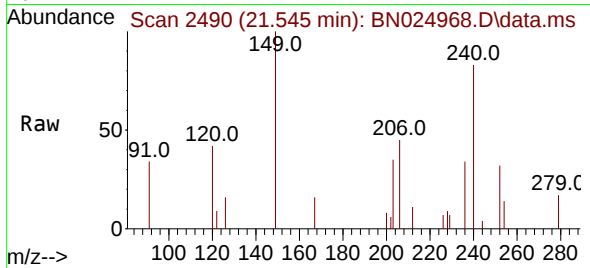
Tgt Ion:202 Resp: 178
Ion Ratio Lower Upper
202 100
101 2.2 10.2 15.4#
203 19.1 13.4 20.2





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.545 min Scan# 2476
Delta R.T. 0.023 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

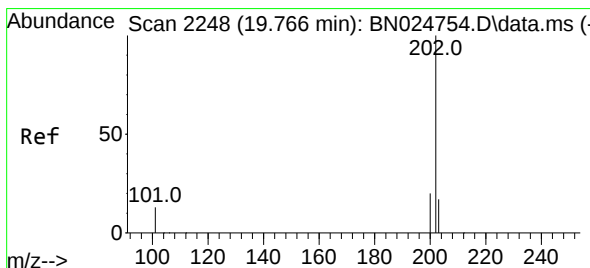
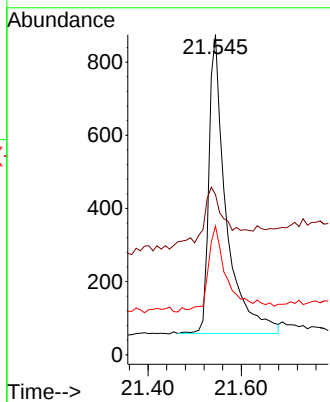
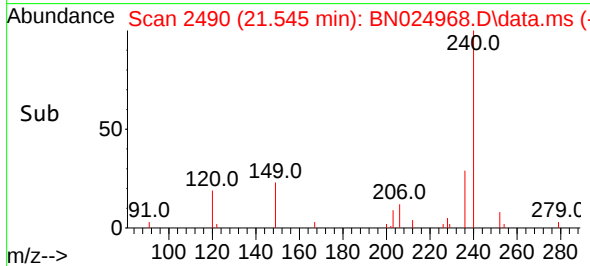
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413



Tgt Ion:240 Resp: 210
Ion Ratio Lower Upper
240 100
120 50.1 8.8 13.2
236 40.2 22.6 34.0

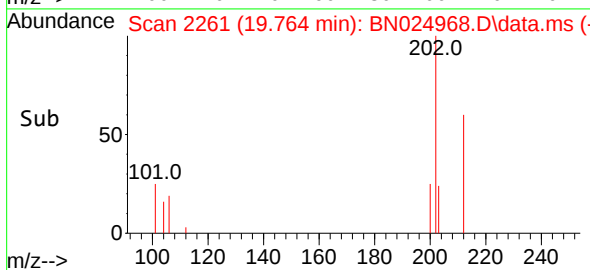
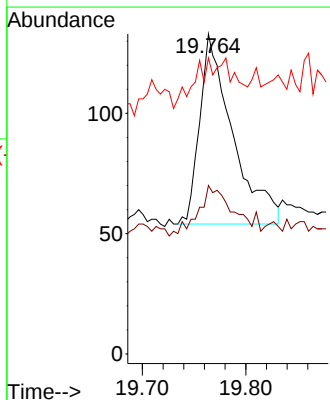
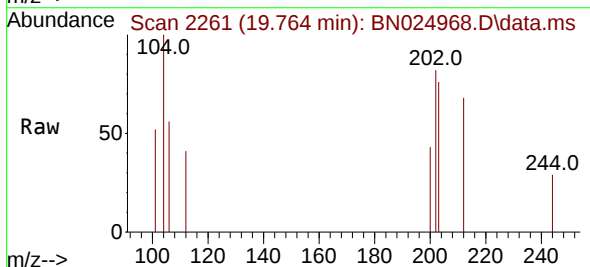
Manual Integrations
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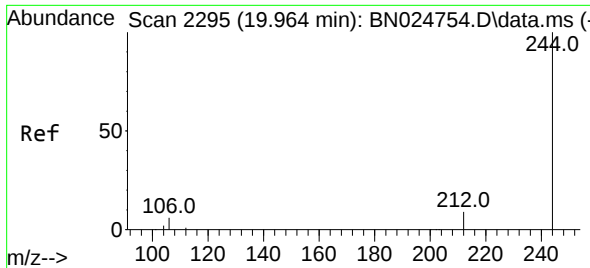
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#30
Pyrene
Concen: 0.023 ng
RT: 19.764 min Scan# 2261
Delta R.T. 0.013 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

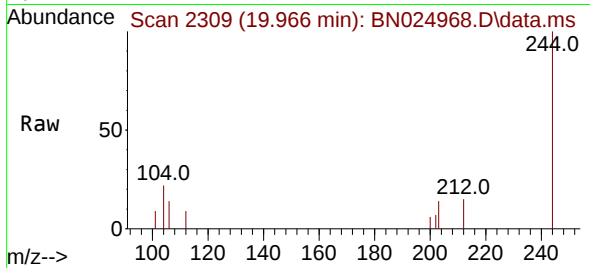
Tgt Ion:202 Resp: 175
Ion Ratio Lower Upper
202 100
200 27.4 16.7 25.1#
203 9.7 14.2 21.4#





#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.966 min Scan# 2106
 Delta R.T. 0.013 min
 Lab File: BN024968.D
 Acq: 17 Apr 2023 22:44

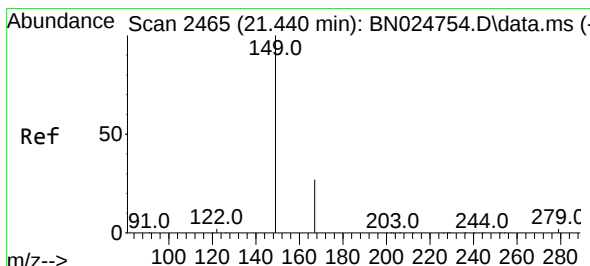
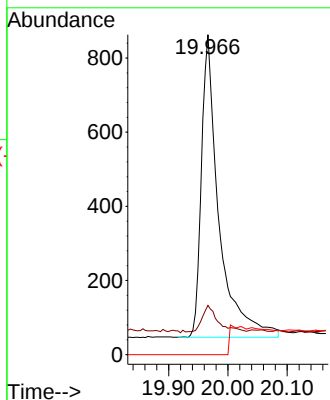
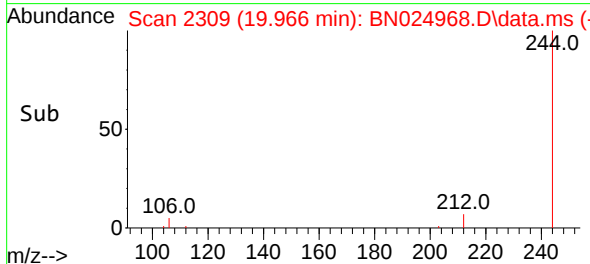
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230413



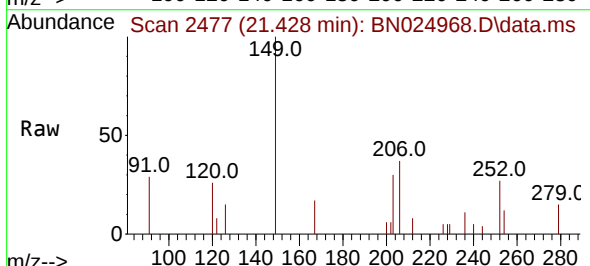
Tgt Ion:244 Resp: 2064
 Ion Ratio Lower Upper
 244 100
 212 15.4 7.4 11.0#
 122 0.0 0.0 0.0

Manual Integrations
 APPROVED

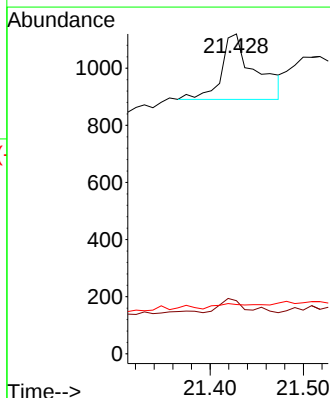
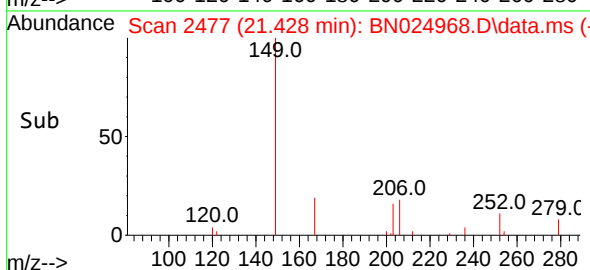
Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023

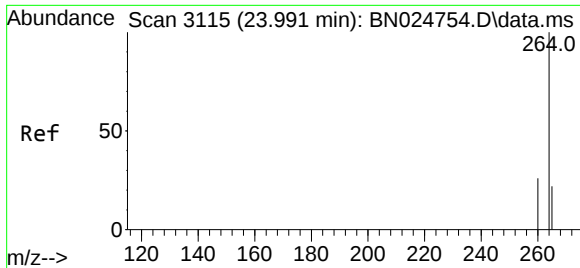


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.149 ng
 RT: 21.428 min Scan# 2477
 Delta R.T. 0.005 min
 Lab File: BN024968.D
 Acq: 17 Apr 2023 22:44



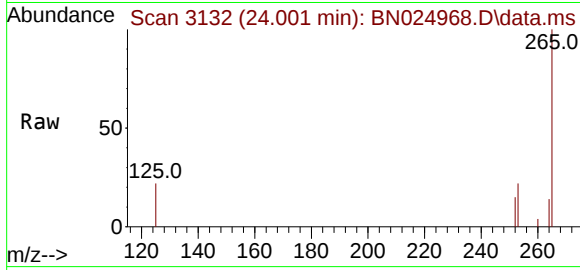
Tgt Ion:149 Resp: 568
 Ion Ratio Lower Upper
 149 100
 167 16.0 21.4 32.2#
 279 8.3 2.6 4.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.001 min Scan# 3115
 Delta R.T. 0.028 min
 Lab File: BN024968.D
 Acq: 17 Apr 2023 22:44

Instrument : BNA_N
 ClientSampleId : SP-303-20230413



Tgt Ion: 264 Resp: 124.0

Ion	Ratio	Lower	Upper
264	100		
260	30.9	20.8	31.2
265	709.1	46.5	69.7

Manual Integrations
APPROVED
 Reviewed By : Christian Giraldo 04/18/2023
 Supervised By : Jagrut Upadhyay 04/18/2023

