

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021350.D
 Acq On : 24 Aug 2022 23:37
 Operator : CG/JU
 Sample : N4222-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-RW9-20220815

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 07:15:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3434	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	10708	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	6335	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	14213	0.400	ng	0.00
29) Chrysene-d12	21.673	240	11767	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	9523	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	910	0.098	ng	0.00
5) Phenol-d6	7.231	99	660	0.057	ng	0.00
8) Nitrobenzene-d5	9.254	82	2242	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	5421	0.300	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	737	0.254	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	8669	0.306	ng	0.00
27) Fluoranthene-d10	19.514	212	16652	0.392	ng	0.00
31) Terphenyl-d14	20.106	244	12668	0.510	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.531	178	2885m	0.056	ng	
30) Pyrene	19.910	202	2505	0.042	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.575	149	1474	0.069	ng	# 98

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

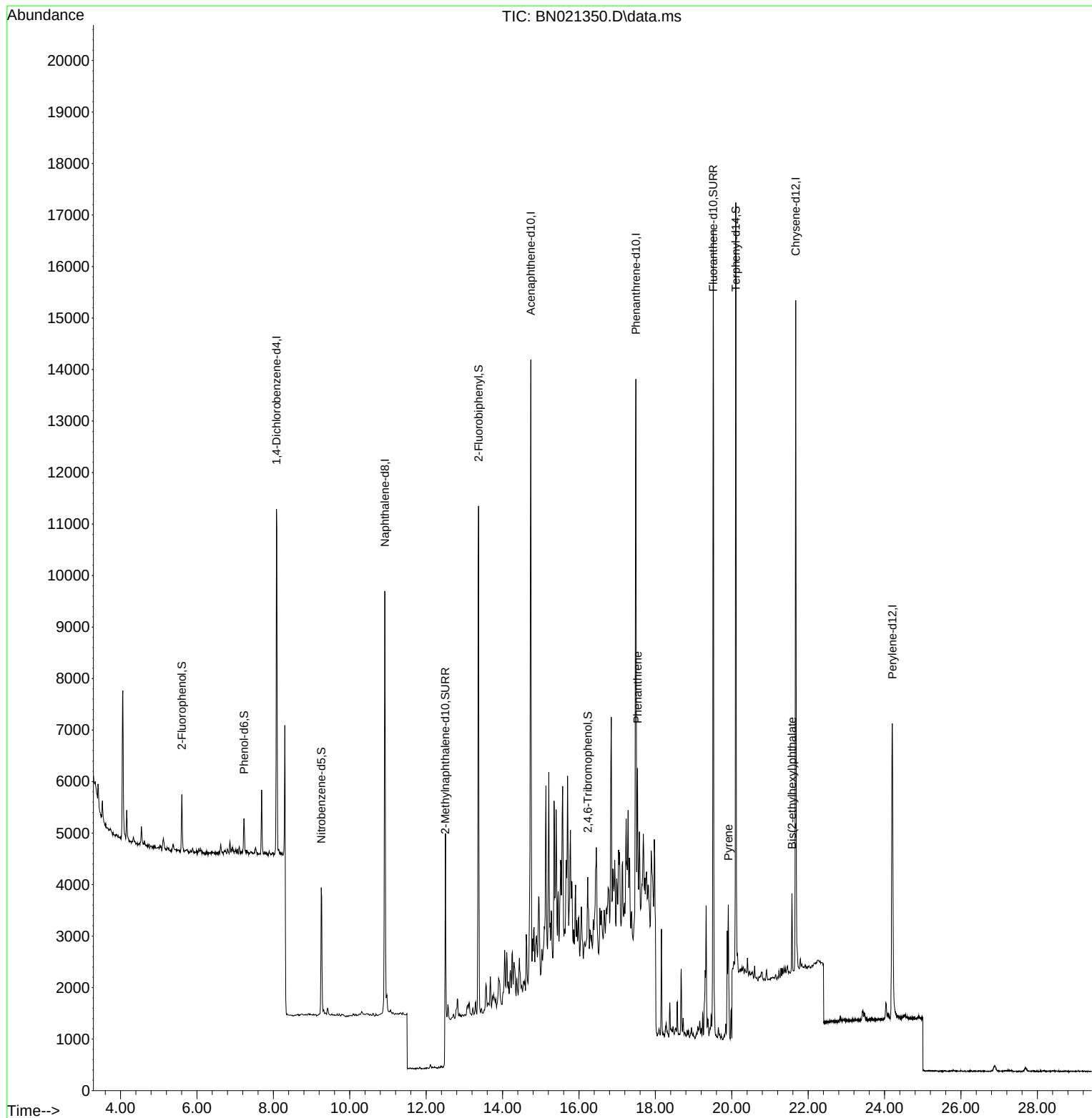
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021350.D
Acq On : 24 Aug 2022 23:37
Operator : CG/JU
Sample : N4222-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

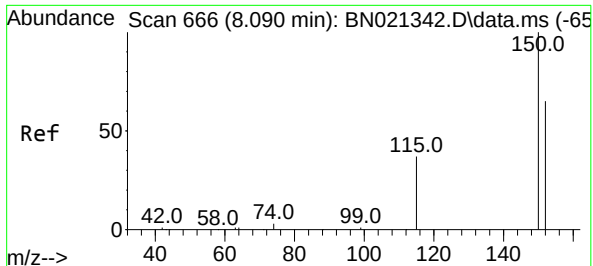
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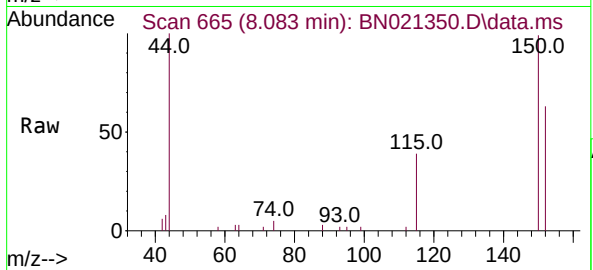
Quant Time: Aug 25 07:15:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 06:55:06 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 666
Delta R.T. -0.007 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

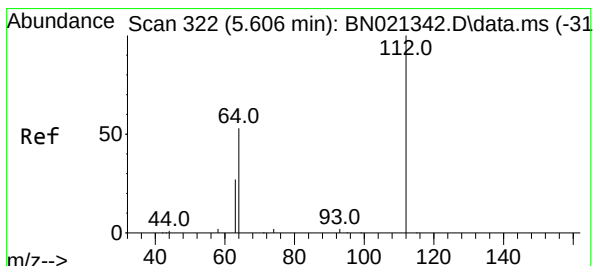
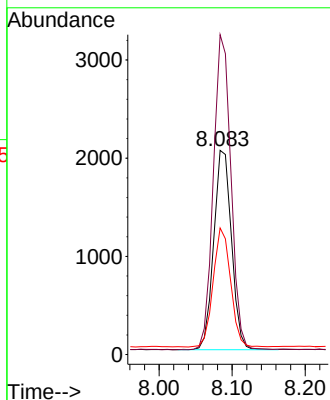
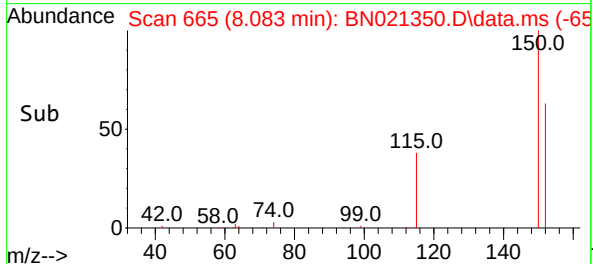
Instrument :
BNA_N
ClientSampleId :
TT-RW9-20220815



Tgt Ion:152 Resp: 3434
Ion Ratio Lower Upper
152 100
150 156.7 121.4 182.0
115 62.0 48.6 72.8

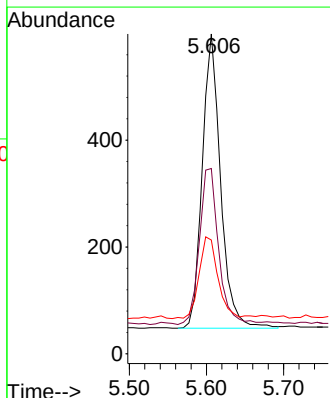
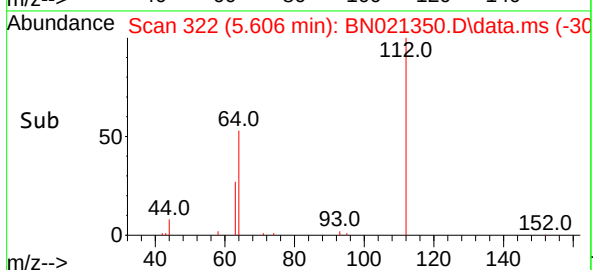
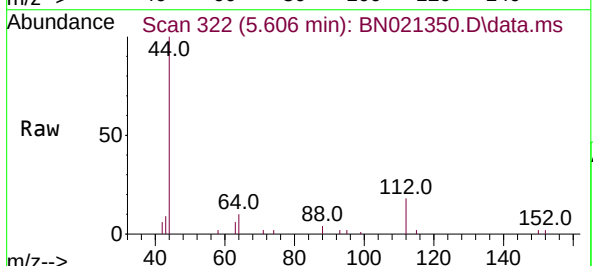
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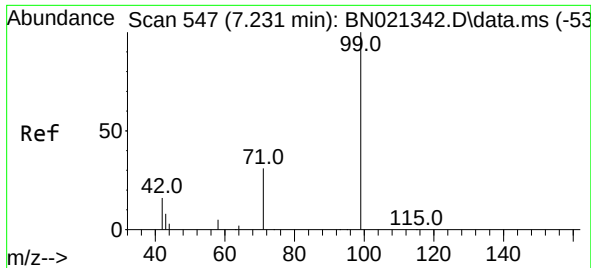
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.606 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

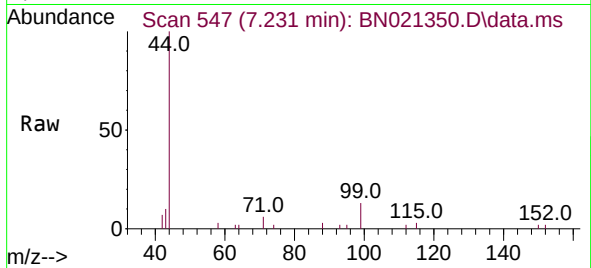
Tgt Ion:112 Resp: 910
Ion Ratio Lower Upper
112 100
64 55.6 43.5 65.3
63 28.8 22.6 34.0





#5
Phenol-d6
Concen: 0.057 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

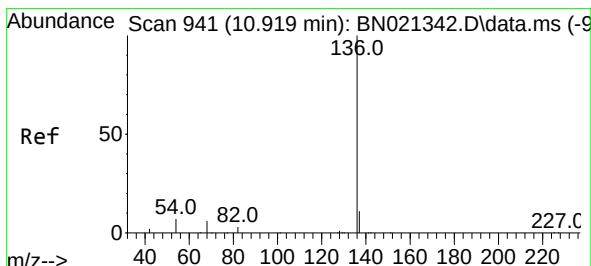
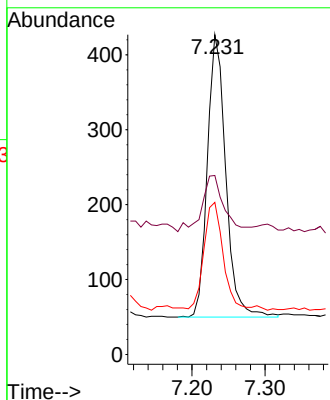
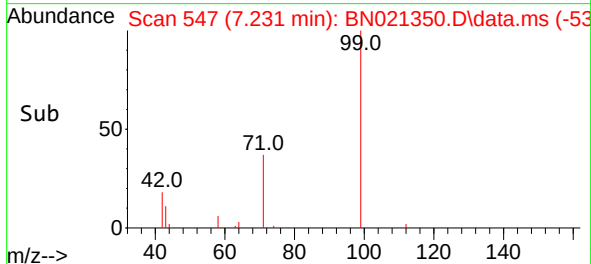
Instrument :
BNA_N
ClientSampleId :
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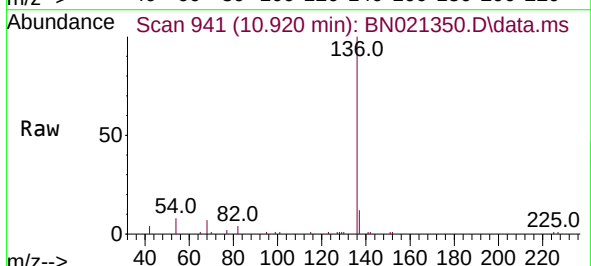
Tgt Ion: 99 Resp: 660
Ion Ratio Lower Upper
99 100
42 23.3 15.5 23.3
71 40.8 24.2 36.2

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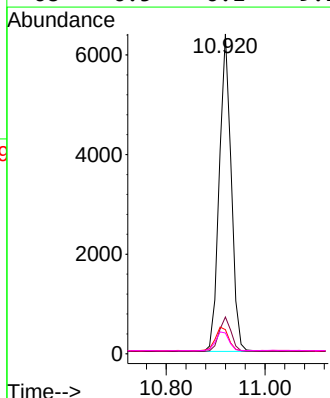
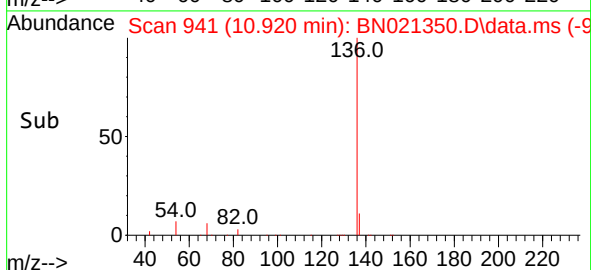
Reviewed By :Christian Giraldo 08/25/2022
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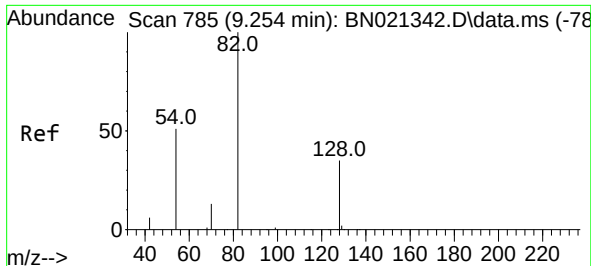


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37



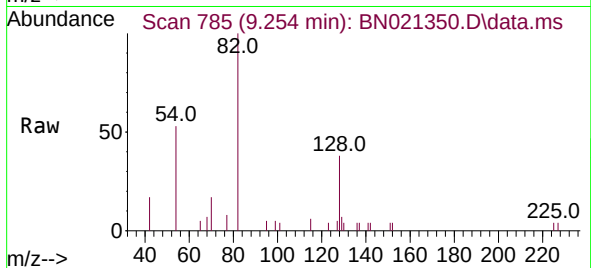
Tgt Ion:136 Resp: 10708
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 7.6 6.9 10.3
68 6.5 6.1 9.1





#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

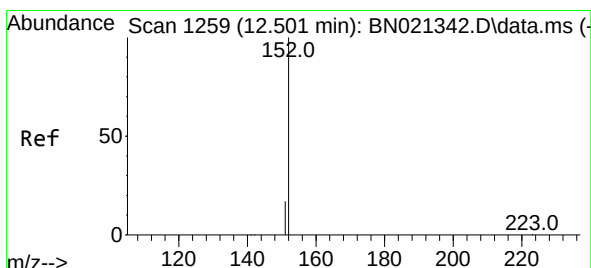
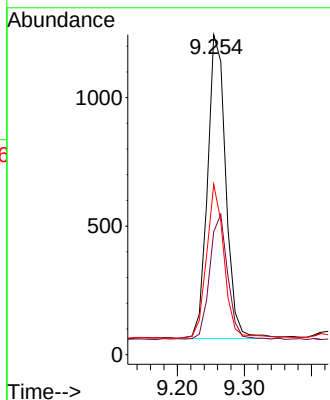
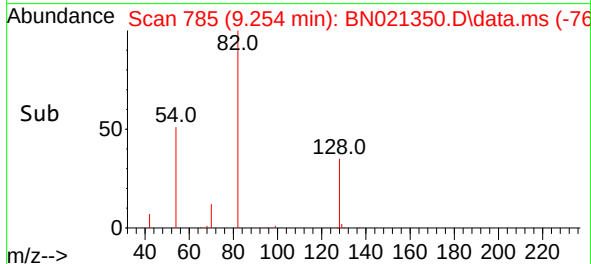
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 2242
Ion Ratio Lower Upper
82 100
128 38.4 30.9 46.3
54 53.3 42.7 64.1

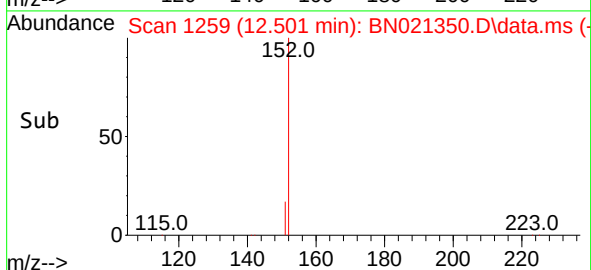
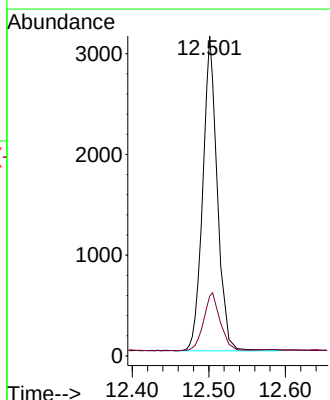
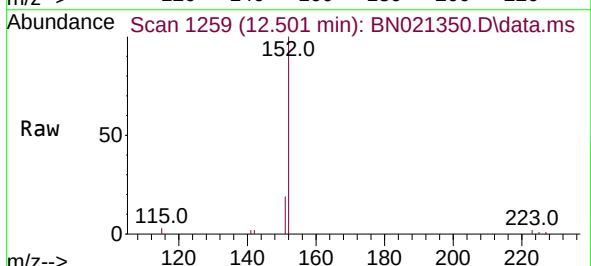
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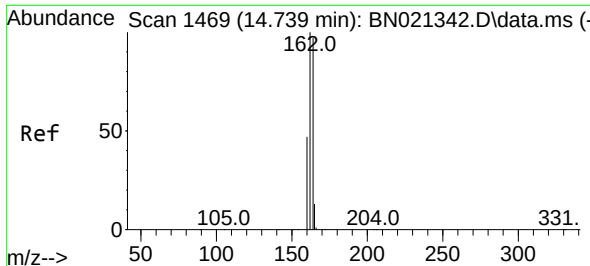
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

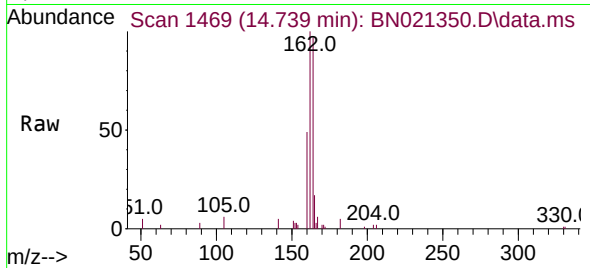
Tgt Ion:152 Resp: 5421
Ion Ratio Lower Upper
152 100
151 15.7 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

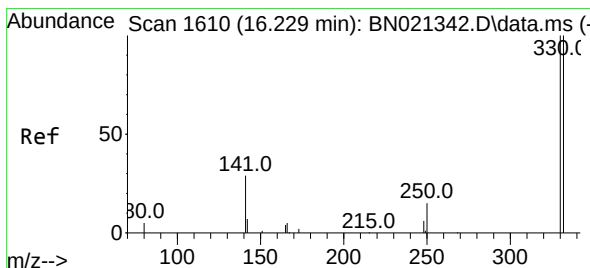
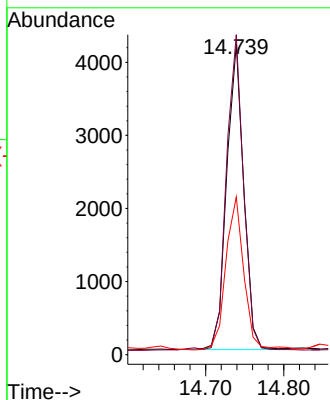
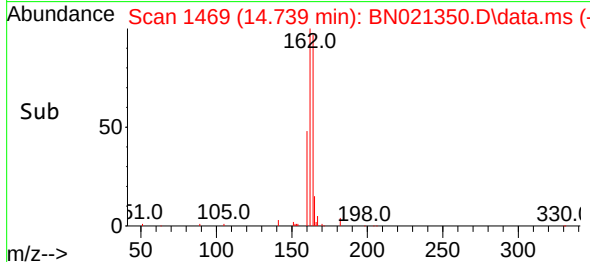
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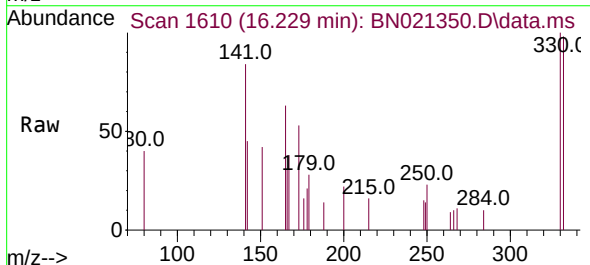
Tgt Ion:164 Resp: 6335
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.4
160 50.8 39.5 59.3

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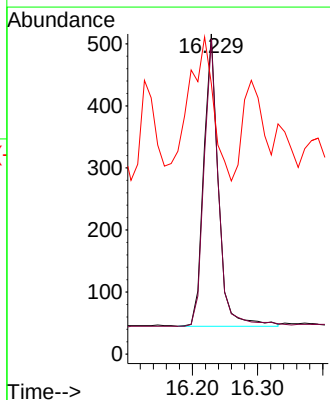
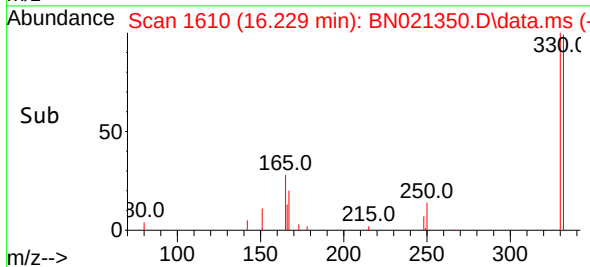
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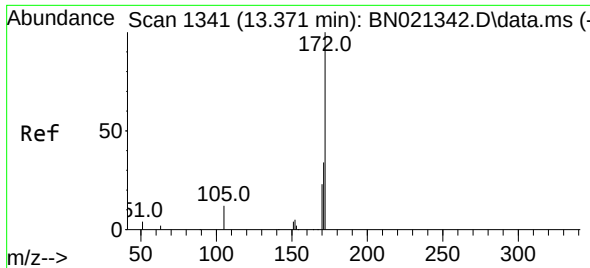


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37



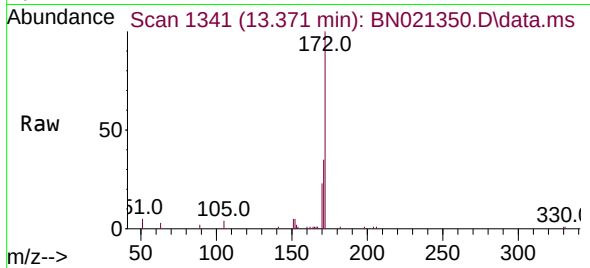
Tgt Ion:330 Resp: 737
Ion Ratio Lower Upper
330 100
332 97.2 79.3 118.9
141 83.4 37.1 55.7#





#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

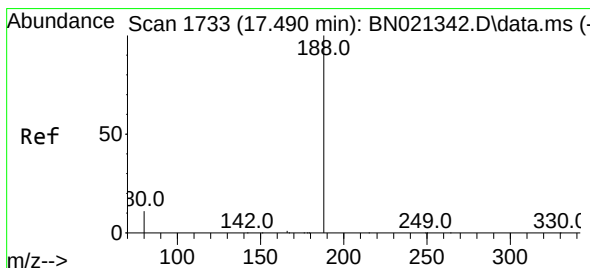
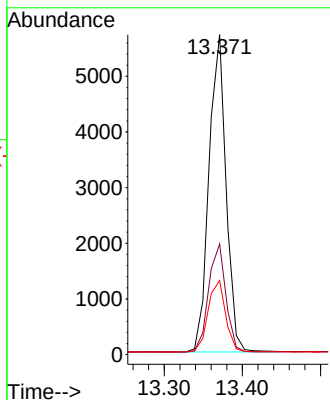
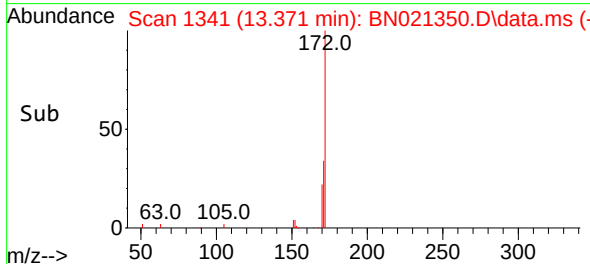
Instrument :
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Tgt Ion:172 Resp: 8669
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 18.6 28.0

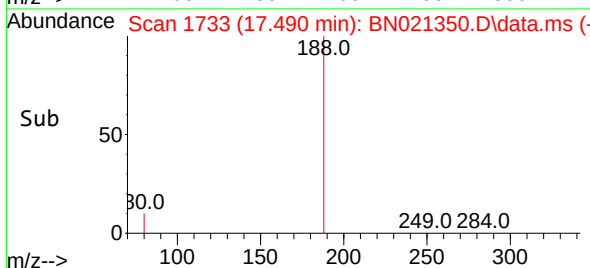
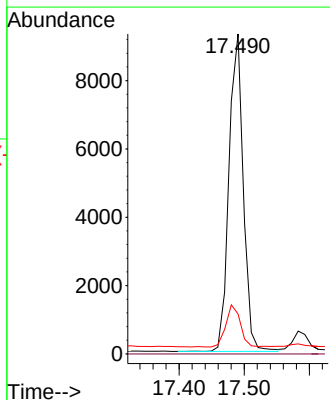
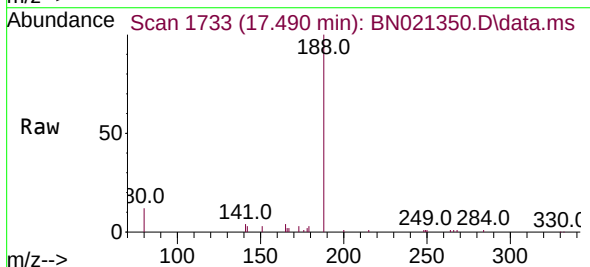
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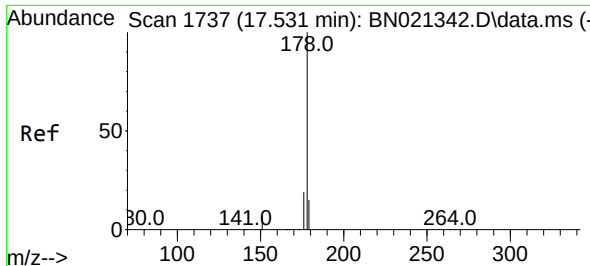
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.490 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

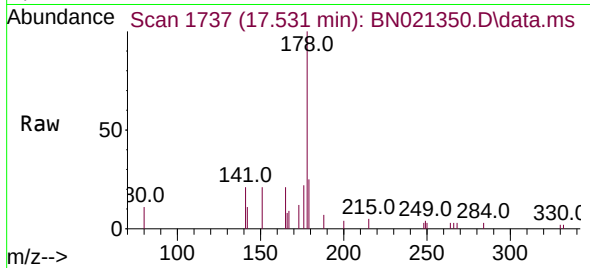
Tgt Ion:188 Resp: 14213
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 9.5 14.3





#25
Phenanthrene
Concen: 0.056 ng m
RT: 17.531 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

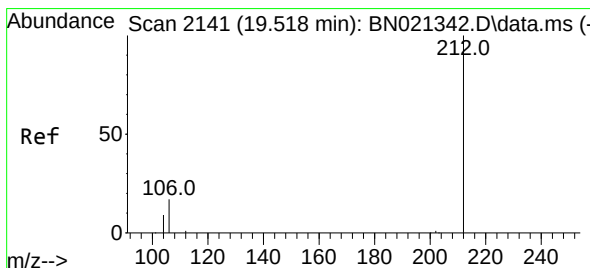
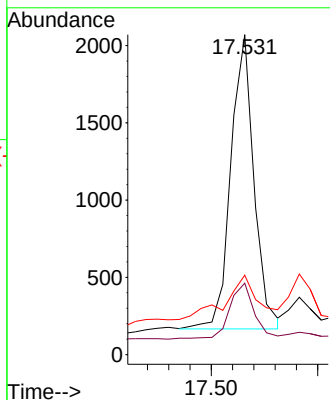
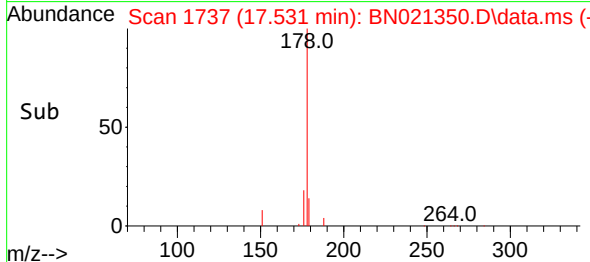
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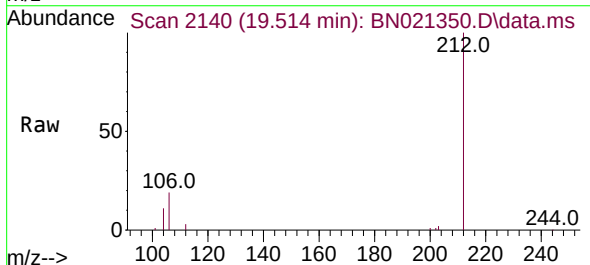
Tgt Ion:178 Resp: 2885
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.2
179 32.8 12.2 18.4

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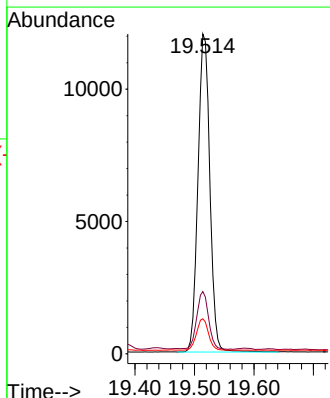
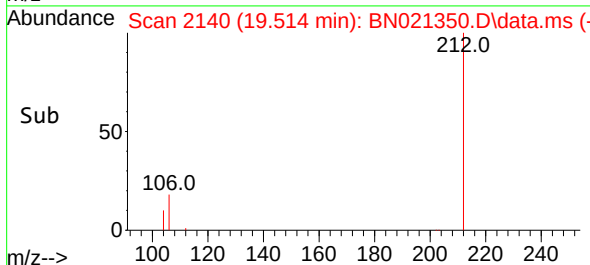
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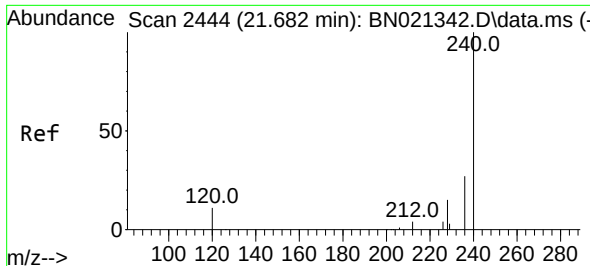


#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.514 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37



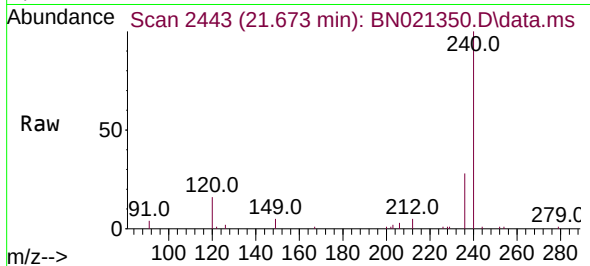
Tgt Ion:212 Resp: 16652
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 9.9 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

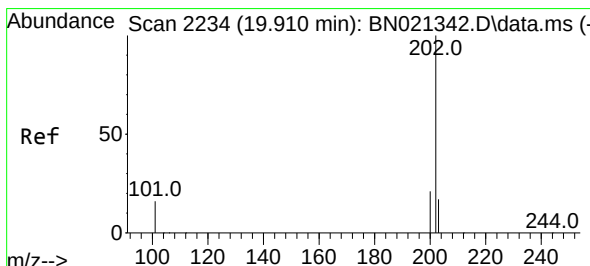
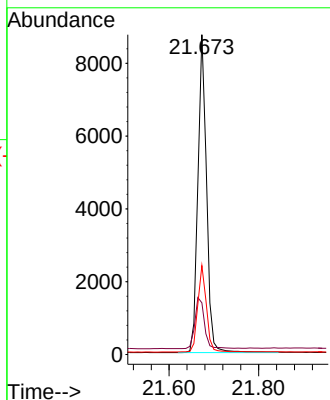
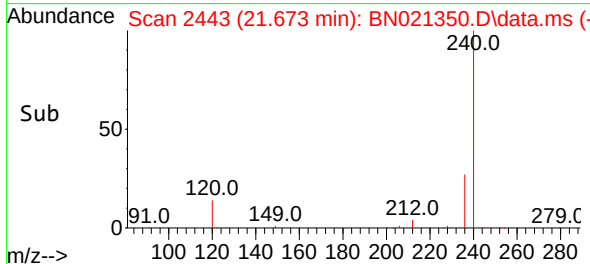
Instrument :
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ClientSampleId :
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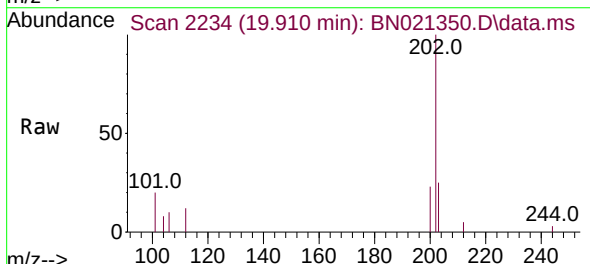
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Ion Ratio Lower Upper
240 100
120 16.2 10.2 15.4
236 27.8 22.1 33.1

Manual Integrations
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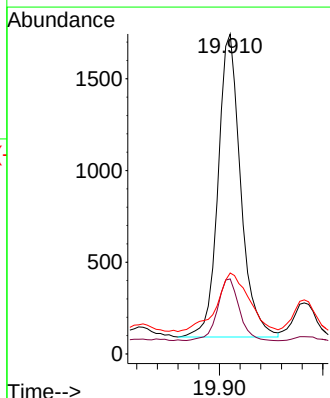
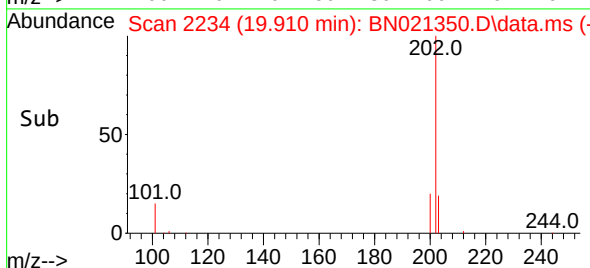
Reviewed By :Christian Giraldo 08/25/2022
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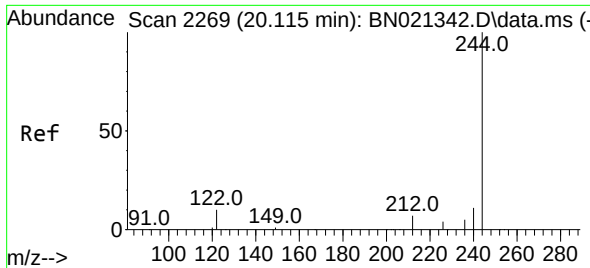


#30
Pyrene
Concen: 0.042 ng
RT: 19.910 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37



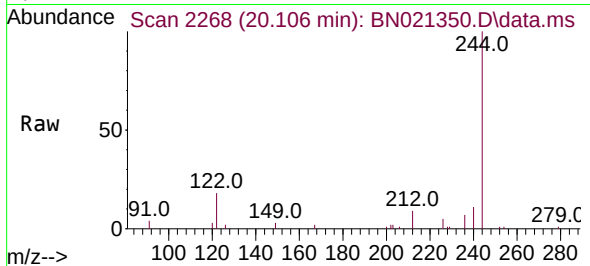
Tgt Ion:202 Resp: 2505
Ion Ratio Lower Upper
202 100
200 19.8 13.9 20.9
203 27.2 11.9 17.9





#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 20.106 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021350.D
 Acq: 24 Aug 2022 23:37

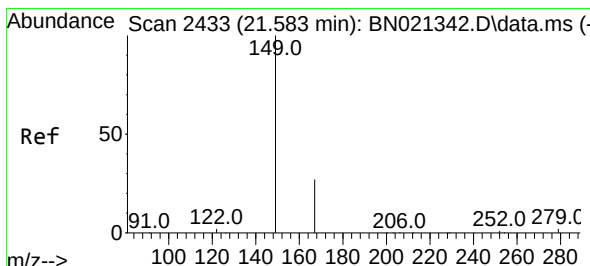
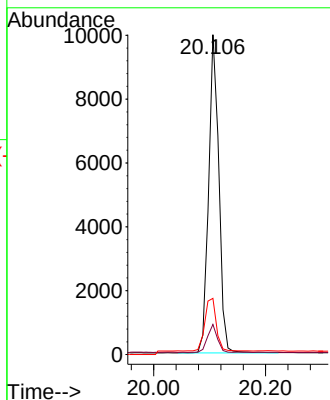
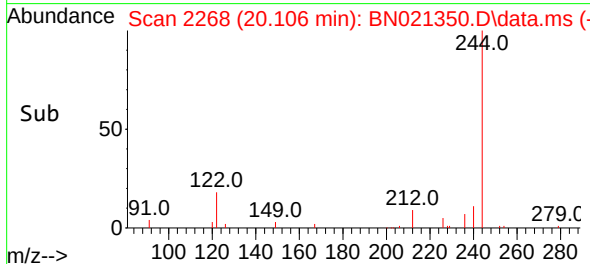
Instrument :
 BNA_N
 ClientSampleId :
 TT-RW9-20220815



Tgt Ion:244 Resp: 12668
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.5 9.7
 122 17.6 9.1 13.7

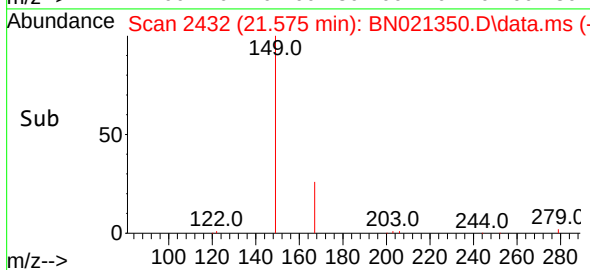
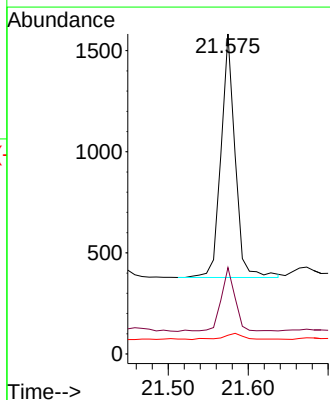
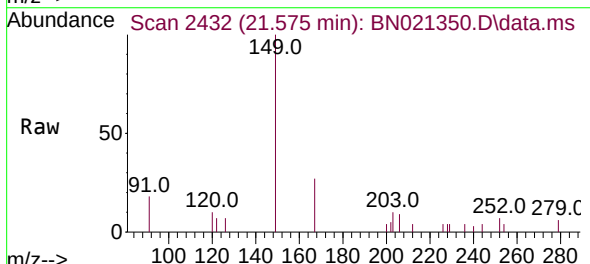
Manual Integrations
 APPROVED

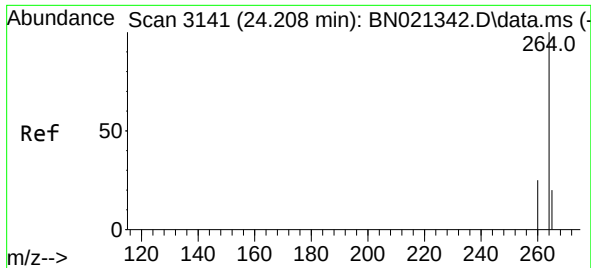
Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.575 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN021350.D
 Acq: 24 Aug 2022 23:37

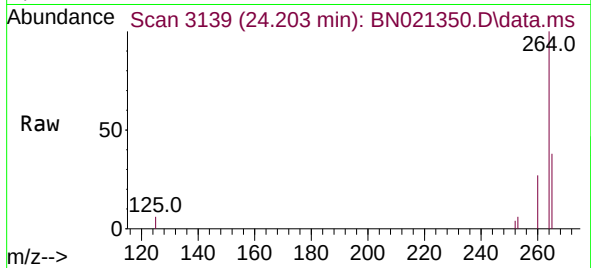
Tgt Ion:149 Resp: 1474
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 3.9 2.2 3.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.203 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN021350.D
Acq: 24 Aug 2022 23:37

Instrument :
BNA_N
ClientSampleId :
TT-RW9-20220815



Tgt Ion:264 Resp: 9523
Ion Ratio Lower Upper
264 100
260 26.9 21.0 31.6
265 38.4 32.2 48.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

