

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021254.D
 Acq On : 16 Aug 2022 12:59
 Operator : CG/JU
 Sample : N4197-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-2MSD

Quant Time: Aug 16 13:45:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/17/2022
 Supervised By :Jagrut Upadhyay 08/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3077	0.400	ng	0.00
7) Naphthalene-d8	10.570	136	10361	0.400	ng	#-0.01
13) Acenaphthene-d10	14.432	164	5252	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	10709	0.400	ng	# 0.00
29) Chrysene-d12	21.392	240	7506	0.400	ng	# 0.00
35) Perylene-d12	23.720	264	6937	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.378	112	2086	0.272	ng	0.00
5) Phenol-d6	6.981	99	2342	0.261	ng	0.00
8) Nitrobenzene-d5	8.947	82	1534	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.175	152	4220	0.234	ng	0.00
14) 2,4,6-Tribromophenol	15.934	330	321	0.187	ng	0.00
15) 2-Fluorobiphenyl	13.053	172	4841	0.232	ng	0.00
27) Fluoranthene-d10	19.224	212	6729	0.231	ng	0.00
31) Terphenyl-d14	19.827	244	4835	0.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1534	0.357	ng	# 68
3) n-Nitrosodimethylamine	3.558	42	1387	0.442	ng	# 84
6) bis(2-Chloroethyl)ether	7.213	93	2983	0.394	ng	99
9) Naphthalene	10.624	128	10541	0.336	ng	100
10) Hexachlorobutadiene	10.923	225	1594	0.284	ng	# 99
12) 2-Methylnaphthalene	12.251	142	7155	0.335	ng	98
16) Acenaphthylene	14.144	152	7775	0.308	ng	100
17) Acenaphthene	14.486	154	5652	0.326	ng	99
18) Fluorene	15.480	166	6731	0.305	ng	100
20) 4,6-Dinitro-2-methylph...	15.608	198	280	0.415	ng	95
21) 4-Bromophenyl-phenylether	16.375	248	1950	0.297	ng	98
22) Hexachlorobenzene	16.499	284	2129	0.287	ng	99
23) Atrazine	16.652	200	1301	0.308	ng	99
24) Pentachlorophenol	16.858	266	133	0.080	ng	93
25) Phenanthrene	17.227	178	11757	0.330	ng	99
26) Anthracene	17.319	178	9105	0.306	ng	98
28) Fluoranthene	19.254	202	12904	0.346	ng	99
30) Pyrene	19.616	202	13001	0.336	ng	100
32) Benzo(a)anthracene	21.375	228	9155	0.375	ng	99
33) Chrysene	21.428	228	9948	0.328	ng	99
34) Bis(2-ethylhexyl)phtha...	21.312	149	10552	0.632	ng	99
36) Indeno(1,2,3-cd)pyrene	26.126	276	8218	0.268	ng	97
37) Benzo(b)fluoranthene	23.013	252	8928	0.308	ng	98
38) Benzo(k)fluoranthene	23.059	252	8585m	0.294	ng	
39) Benzo(a)pyrene	23.618	252	8096	0.335	ng	99
40) Dibenzo(a,h)anthracene	26.141	278	6542	0.276	ng	98
41) Benzo(g,h,i)perylene	26.857	276	8510	0.309	ng	99

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

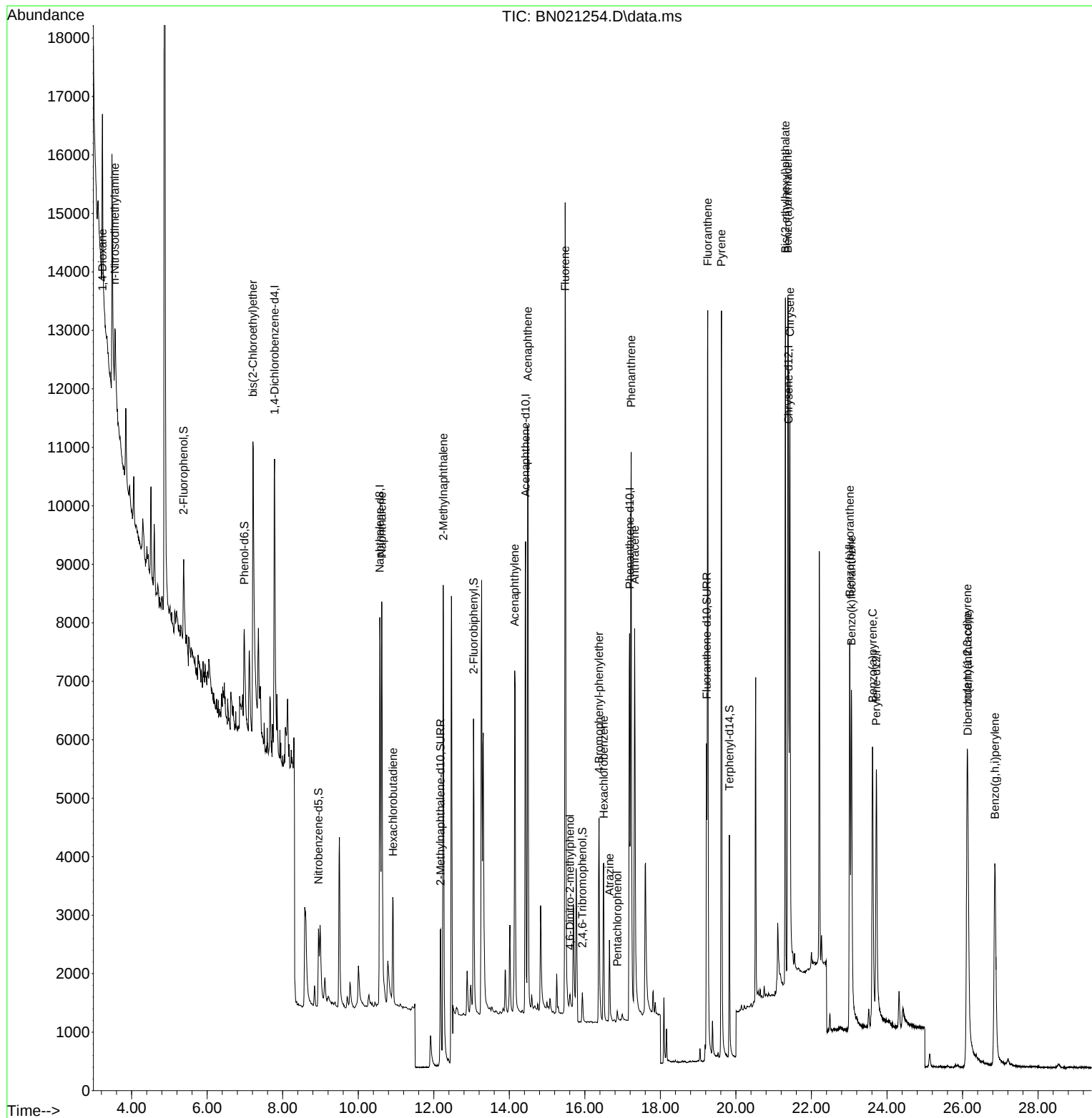
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 Data File : BN021254.D
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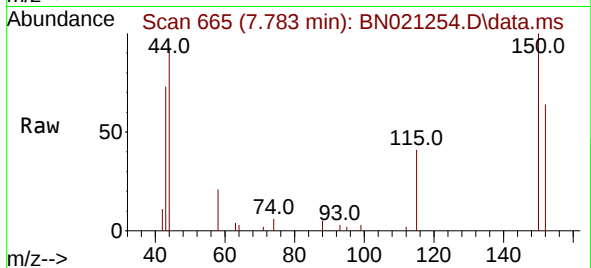
Quant Time: Aug 16 13:45:49 2022
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#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.783 min Scan# 665
 Delta R.T. 0.000 min
 Lab File: BN021254.D
 Acq: 16 Aug 2022 12:59

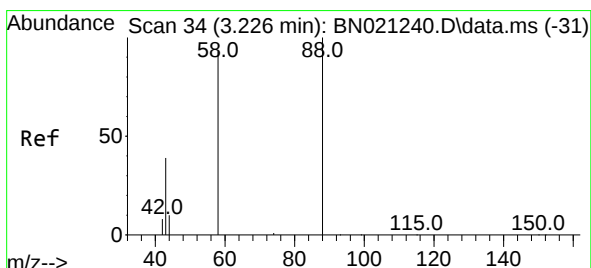
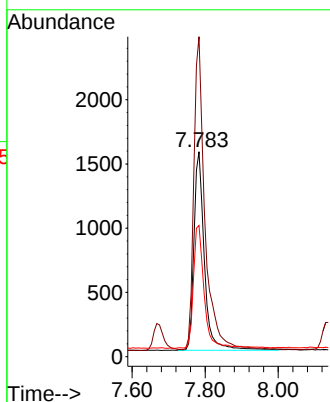
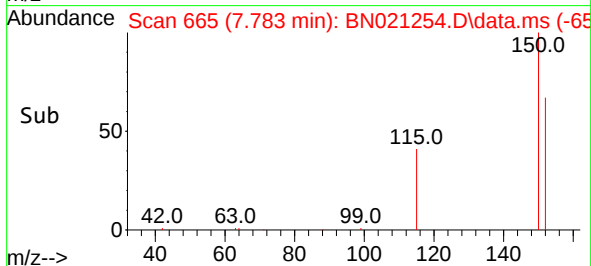
Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-2MSD



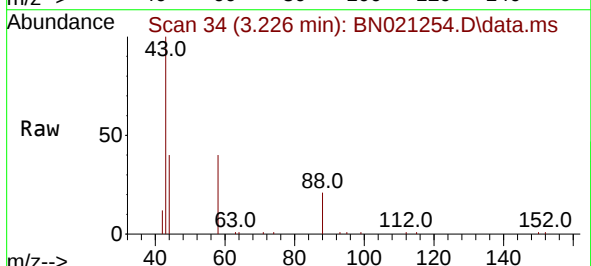
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 Ion Ratio Lower Upper
 152 100
 150 156.1 123.1 184.7
 115 64.0 52.2 78.4

Manual Integrations
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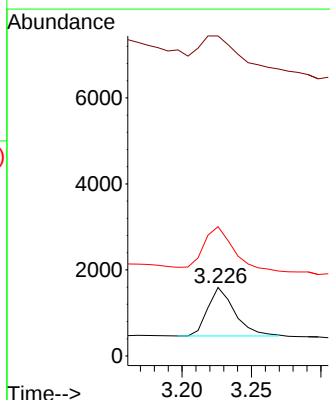
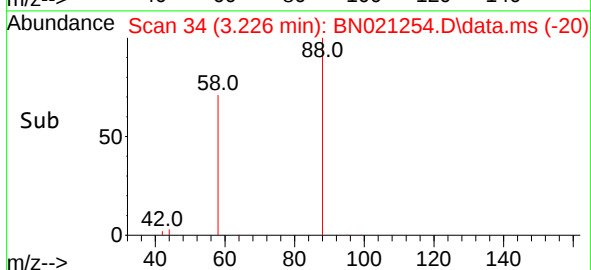
Reviewed By :Christian Giraldo 08/17/2022
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#2
 1,4-Dioxane
 Concen: 0.357 ng
 RT: 3.226 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: BN021254.D
 Acq: 16 Aug 2022 12:59



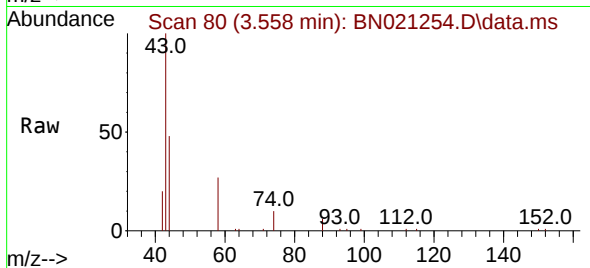
Tgt Ion: 88 Resp: 1534
 Ion Ratio Lower Upper
 88 100
 43 90.5 28.6 42.8#
 58 101.8 74.5 111.7





#3
n-Nitrosodimethylamine
Concen: 0.442 ng
RT: 3.558 min Scan# 80
Delta R.T. -0.036 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

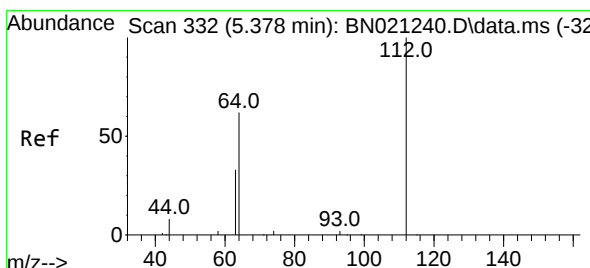
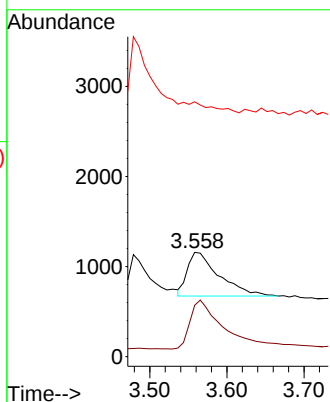
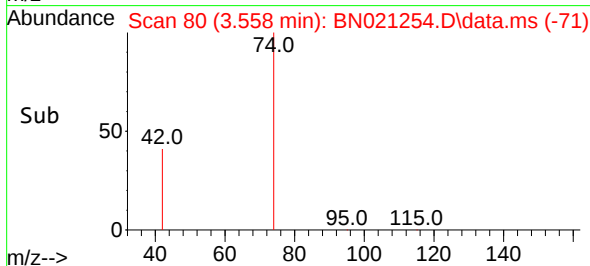
Instrument :
BNA_N
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Tgt Ion: 42 Resp: 138
Ion Ratio Lower Upper
42 100
74 120.0 82.4 123.6
44 0.0 2.7 4.1

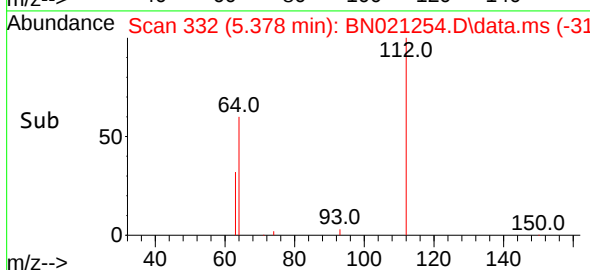
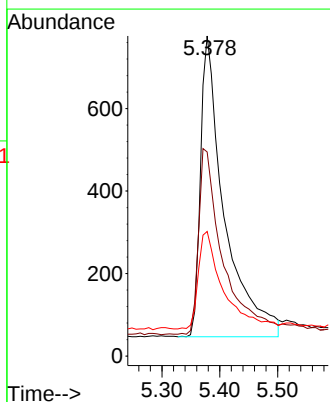
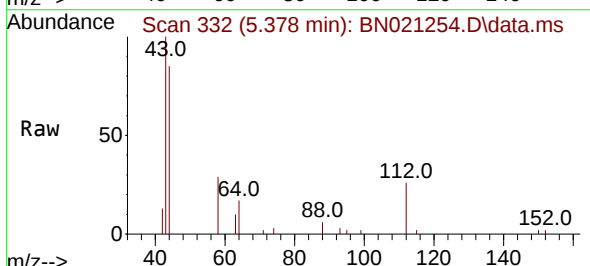
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#4
2-Fluorophenol
Concen: 0.272 ng
RT: 5.378 min Scan# 332
Delta R.T. -0.000 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

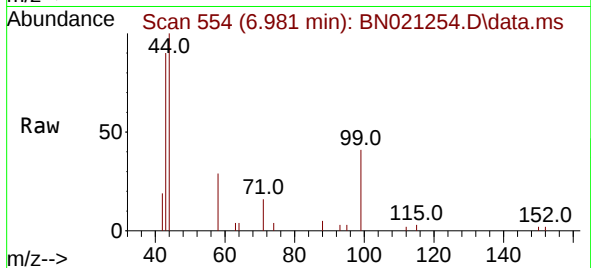
Tgt Ion:112 Resp: 2086
Ion Ratio Lower Upper
112 100
64 62.9 52.0 78.0
63 33.7 27.5 41.3





#5
Phenol-d6
Concen: 0.261 ng
RT: 6.981 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

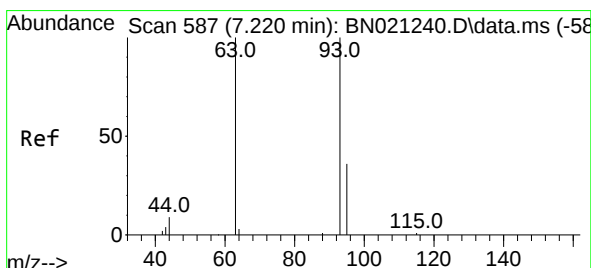
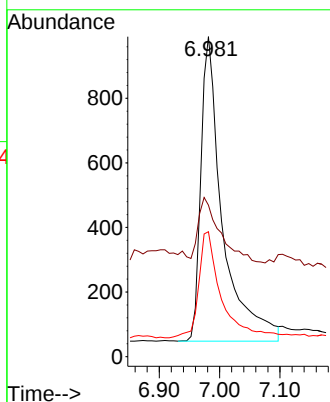
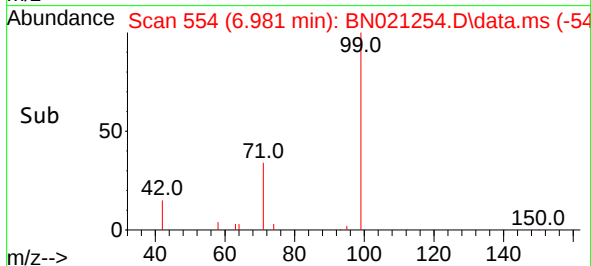
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



Tgt Ion: 99 Resp: 234
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 36.1 28.9 43.3

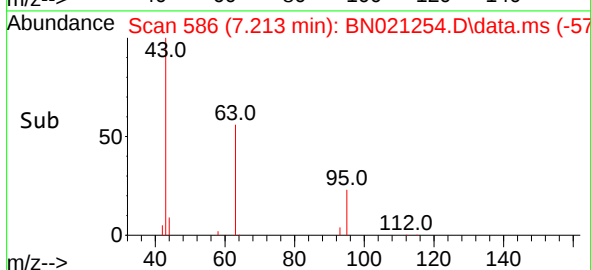
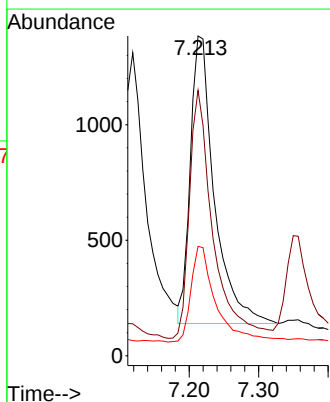
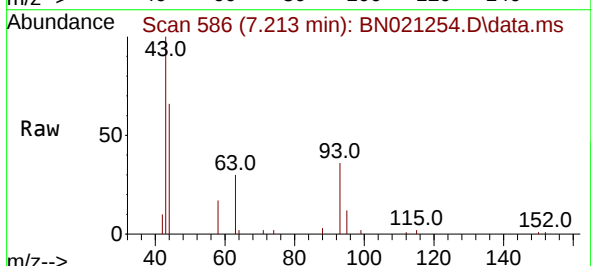
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#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.213 min Scan# 586
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

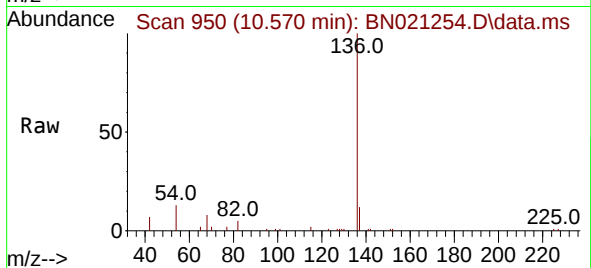
Tgt Ion: 93 Resp: 2983
Ion Ratio Lower Upper
93 100
63 84.8 67.8 101.8
95 34.9 28.7 43.1





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.570 min Scan# 951
Delta R.T. -0.011 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

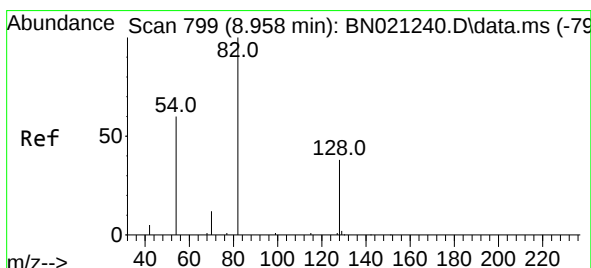
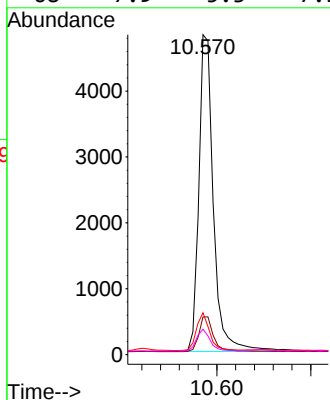
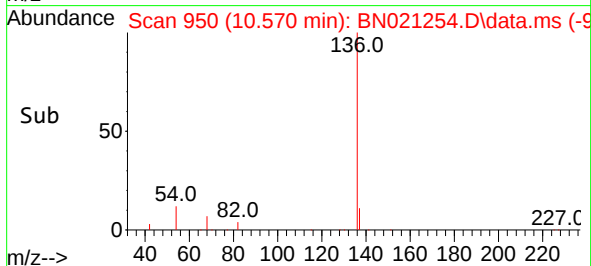
Instrument : BNA_N
ClientSampleId : TT-203-IDWSO-20220811-2MSD



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	13.1	8.2	12.2
68	7.9	5.3	7.9

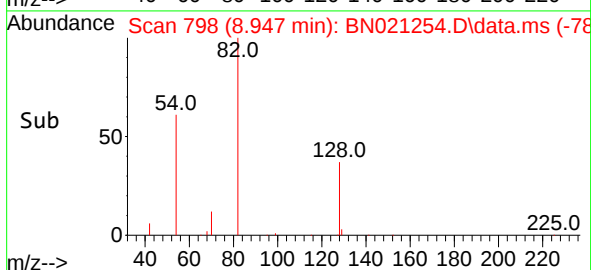
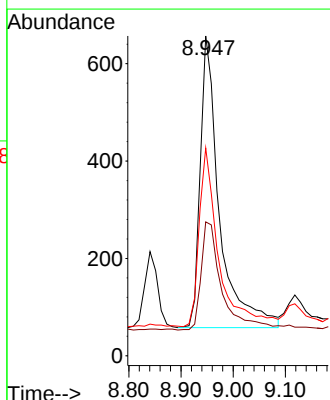
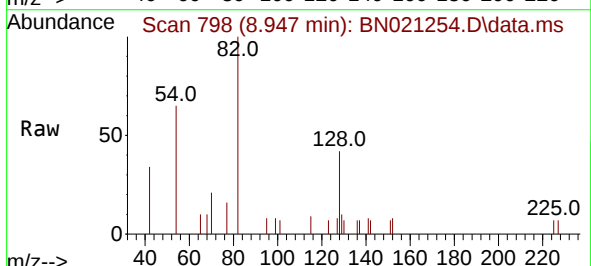
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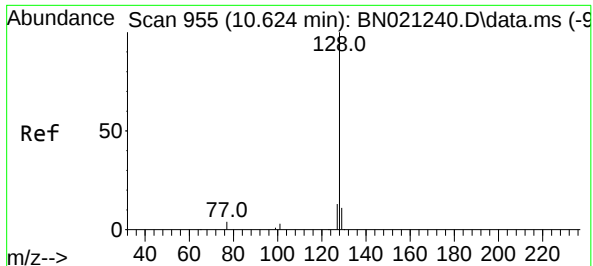
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Supervised By :Jagrut Upadhyay 08/17/2022



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.947 min Scan# 798
Delta R.T. -0.011 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.6	50.4
54	65.0	50.2	75.2





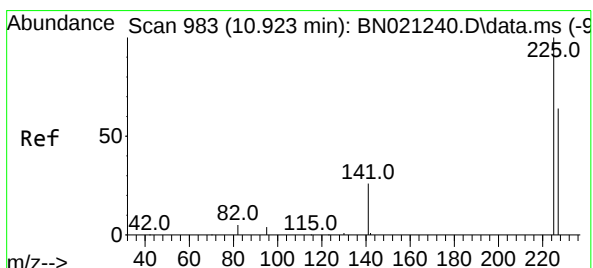
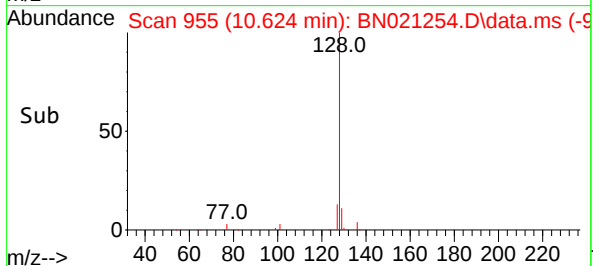
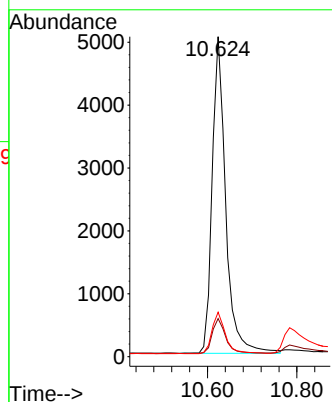
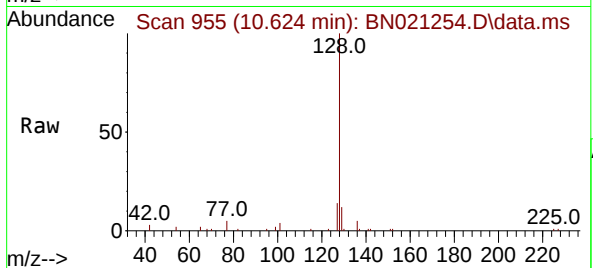
#9
Naphthalene
Concen: 0.336 ng
RT: 10.624 min Scan# 955
Delta R.T. -0.000 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD

Tgt Ion:128 Resp: 1054
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.9 11.0 16.6

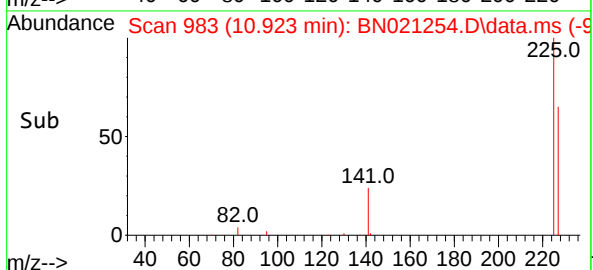
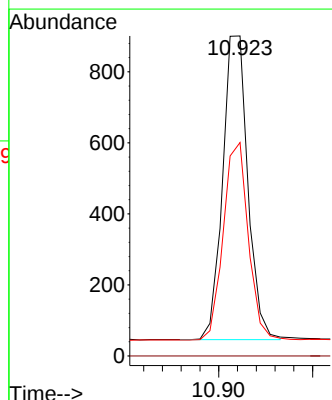
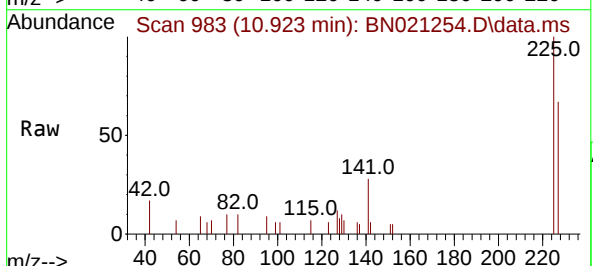
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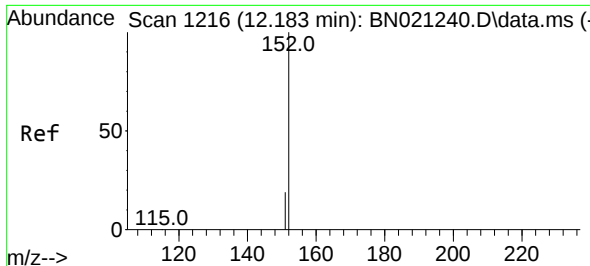
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#10
Hexachlorobutadiene
Concen: 0.284 ng
RT: 10.923 min Scan# 983
Delta R.T. -0.000 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

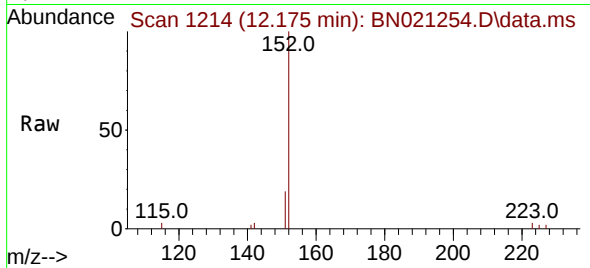
Tgt Ion:225 Resp: 1594
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.4 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.234 ng
RT: 12.175 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

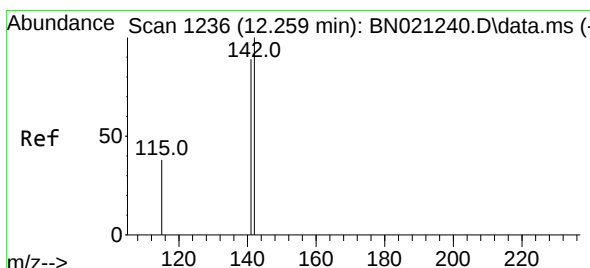
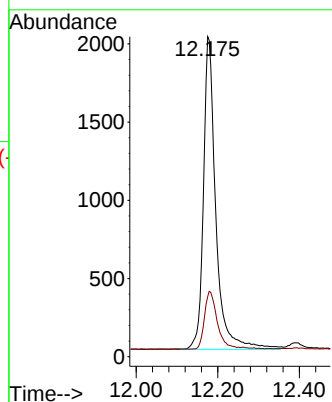
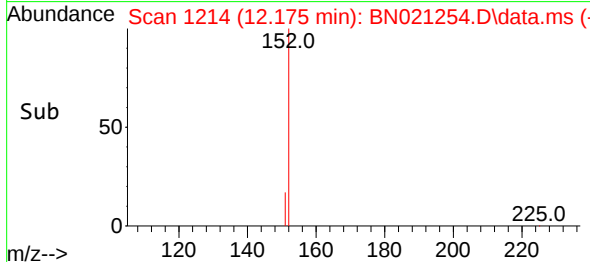
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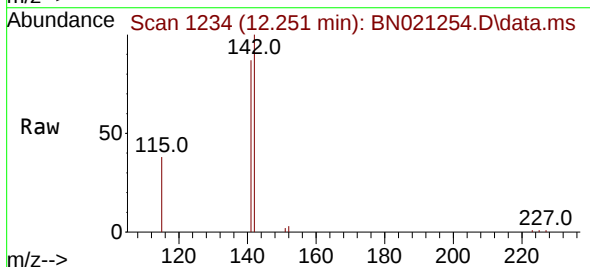
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Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8

Manual Integrations
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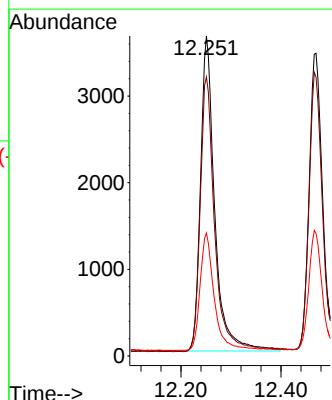
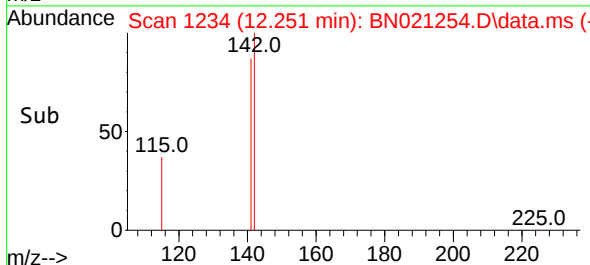
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#12
2-Methylnaphthalene
Concen: 0.335 ng
RT: 12.251 min Scan# 1234
Delta R.T. -0.008 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59



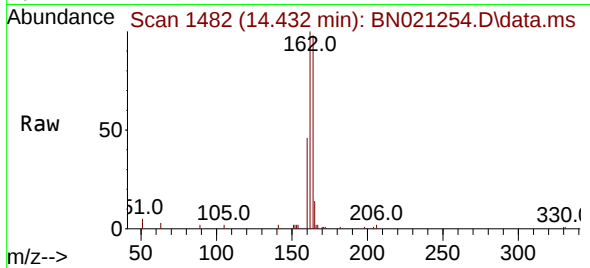
Tgt Ion:142 Resp: 7155
Ion Ratio Lower Upper
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141 87.2 71.0 106.6
115 38.4 31.3 46.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.432 min Scan# 1481
Delta R.T. 0.004 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

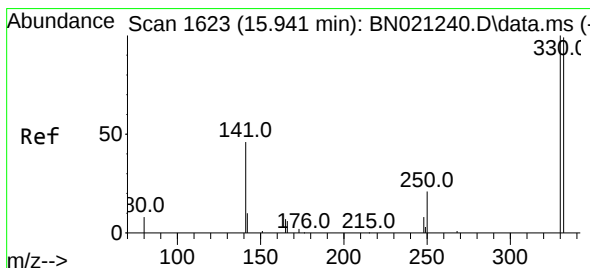
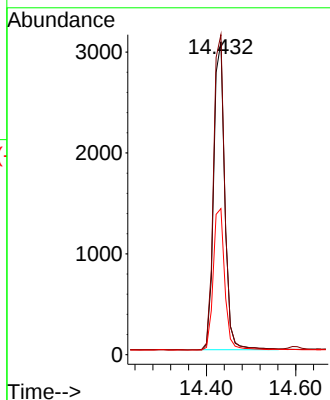
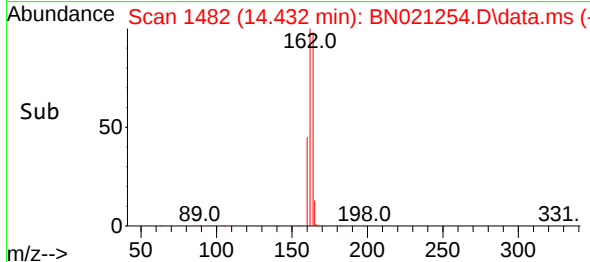
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



Tgt Ion:164 Resp: 525
Ion Ratio Lower Upper
164 100
162 102.3 83.8 125.6
160 46.7 39.8 59.6

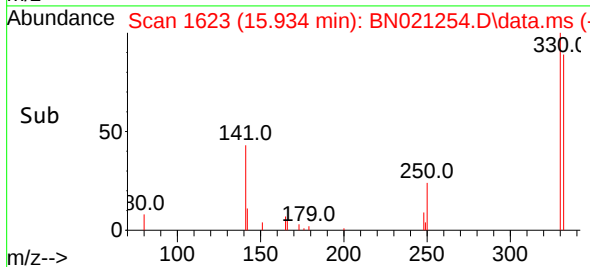
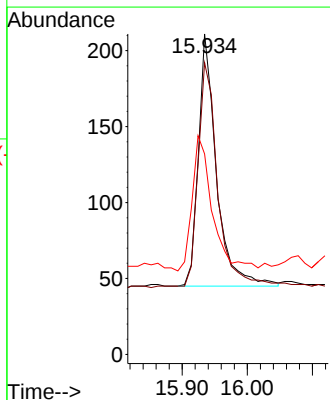
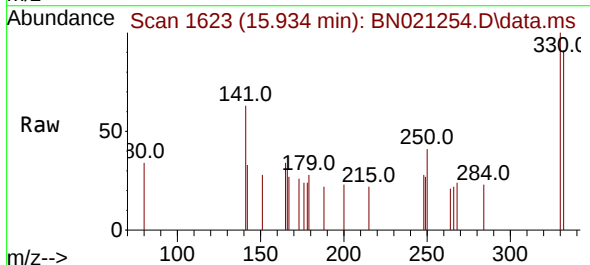
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.934 min Scan# 1623
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

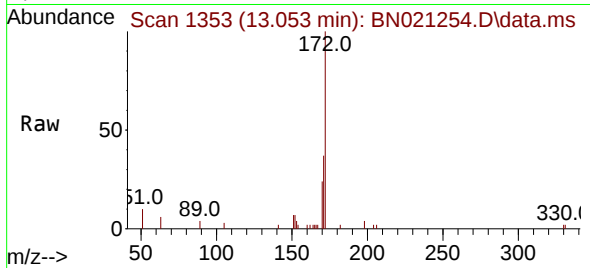
Tgt Ion:330 Resp: 321
Ion Ratio Lower Upper
330 100
332 94.7 78.1 117.1
141 60.1 45.4 68.0





#15
2-Fluorobiphenyl
Concen: 0.232 ng
RT: 13.053 min Scan# 1353
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

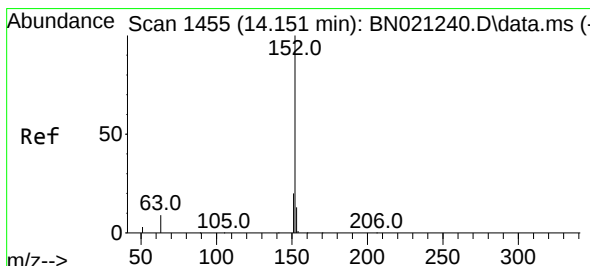
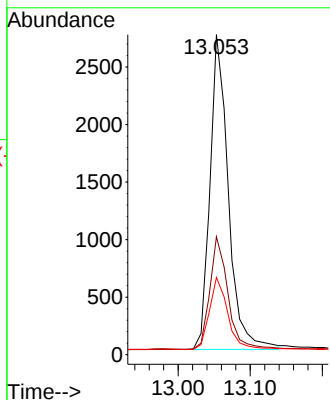
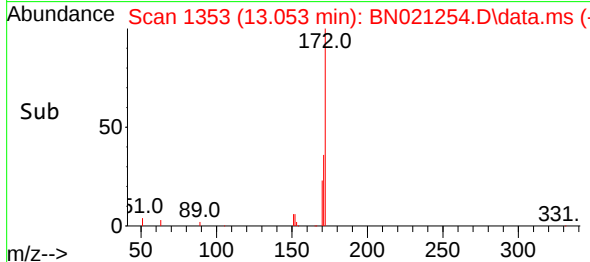
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



Tgt Ion:172 Resp: 484
Ion Ratio Lower Upper
172 100
171 36.9 28.4 42.6
170 24.2 19.0 28.6

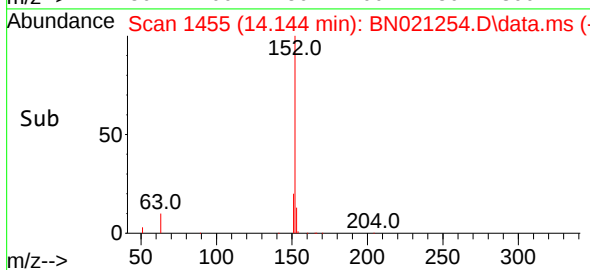
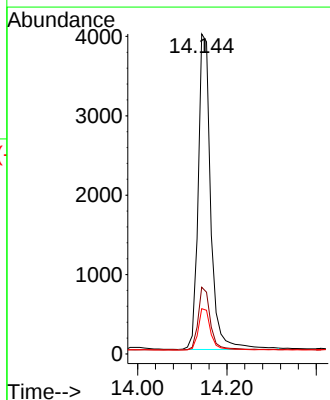
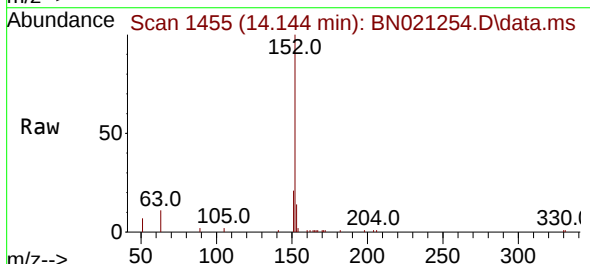
Manual Integrations
APPROVED

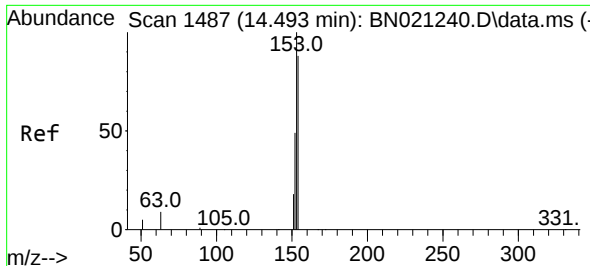
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#16
Acenaphthylene
Concen: 0.308 ng
RT: 14.144 min Scan# 1455
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

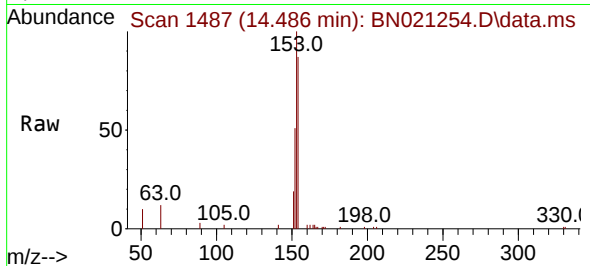
Tgt Ion:152 Resp: 7775
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.8 10.4 15.6





#17
Acenaphthene
Concen: 0.326 ng
RT: 14.486 min Scan# 1487
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

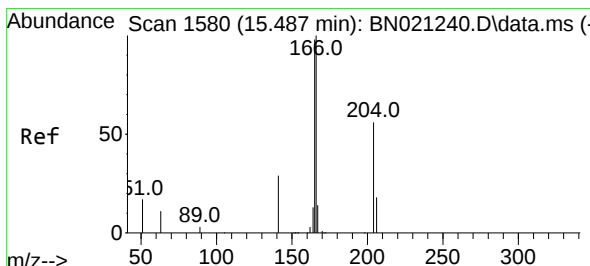
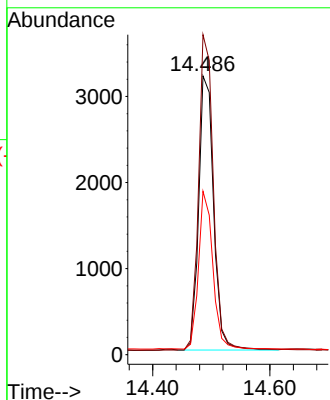
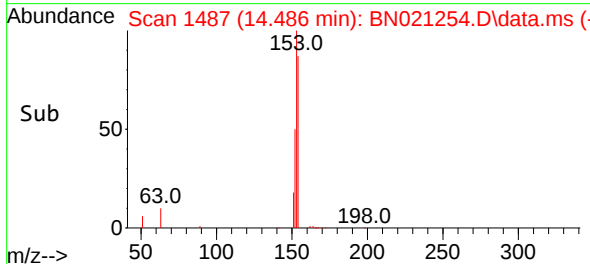
Instrument : BNA_N
ClientSampleId : TT-203-IDWSO-20220811-2MSD



Tgt Ion:154 Resp: 5652
Ion Ratio Lower Upper
154 100
153 114.3 91.5 137.3
152 55.4 45.2 67.8

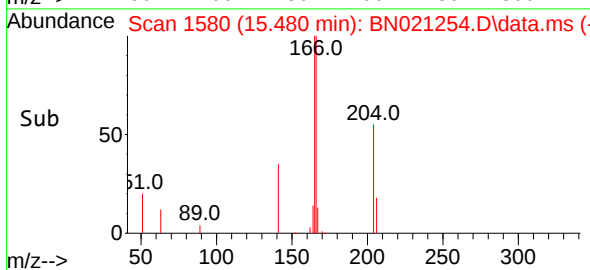
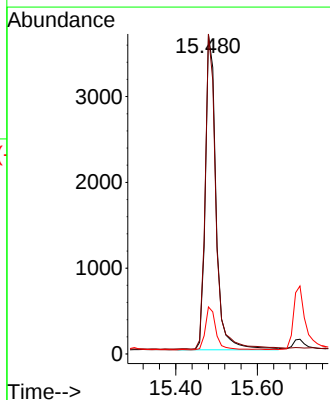
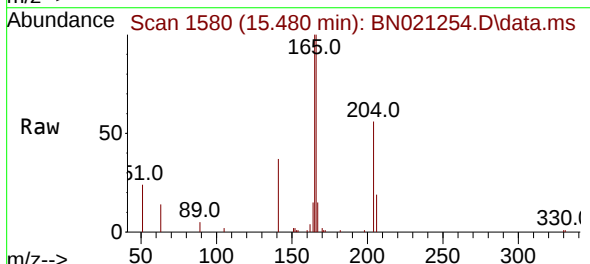
Manual Integrations
APPROVED

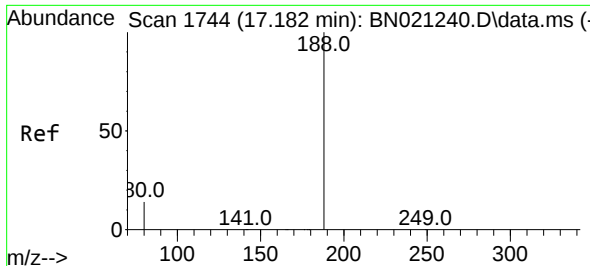
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#18
Fluorene
Concen: 0.305 ng
RT: 15.480 min Scan# 1580
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

Tgt Ion:166 Resp: 6731
Ion Ratio Lower Upper
166 100
165 98.9 78.8 118.2
167 13.4 11.0 16.4





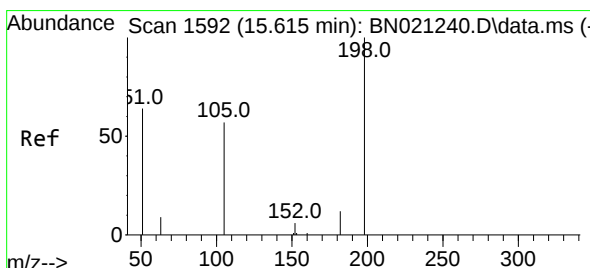
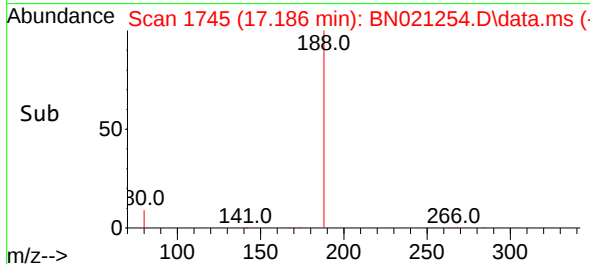
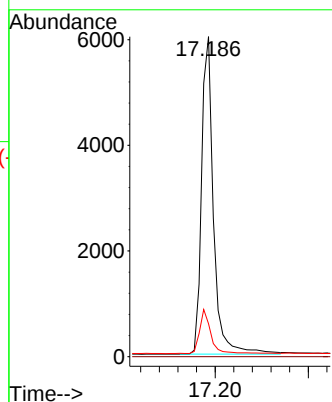
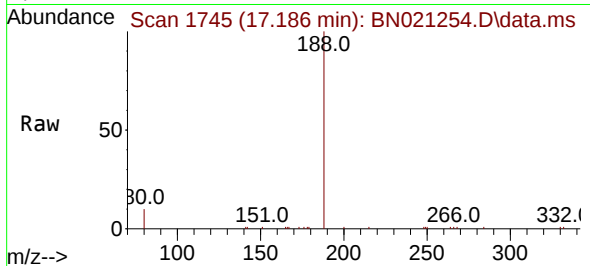
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1744
Delta R.T. 0.004 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD

Tgt Ion:188 Resp: 10709
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 11.8 17.6

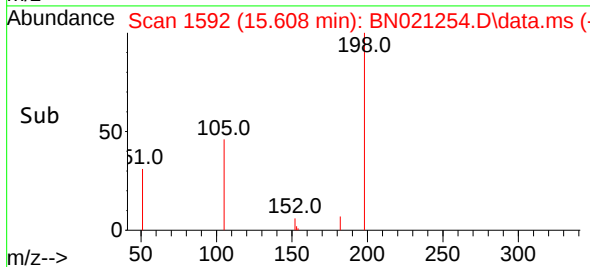
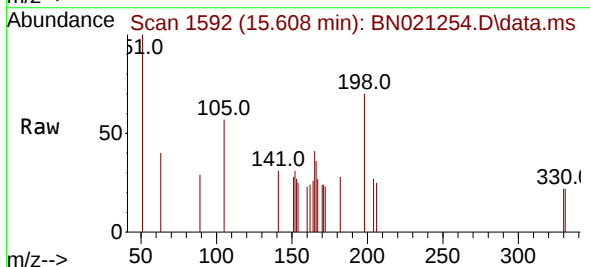
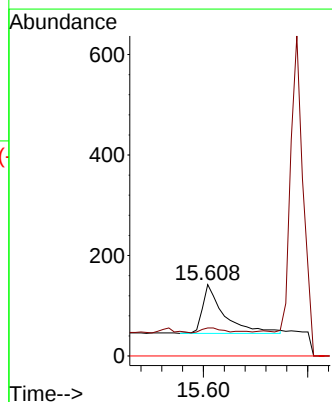
Manual Integrations
APPROVED

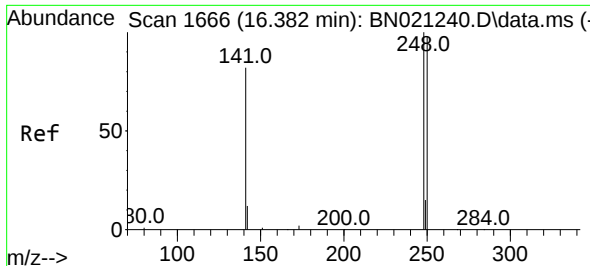
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#20
4,6-Dinitro-2-methylphenol
Concen: 0.415 ng
RT: 15.608 min Scan# 1592
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

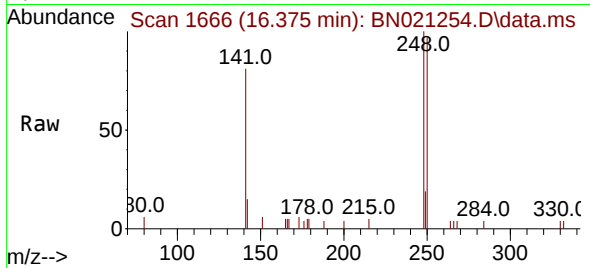
Tgt Ion:198 Resp: 280
Ion Ratio Lower Upper
198 100
182 39.4 33.9 50.9
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.297 ng
RT: 16.375 min Scan# 1666
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

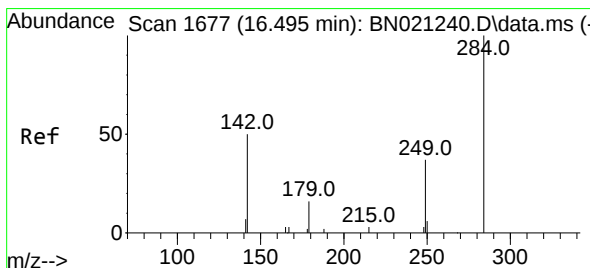
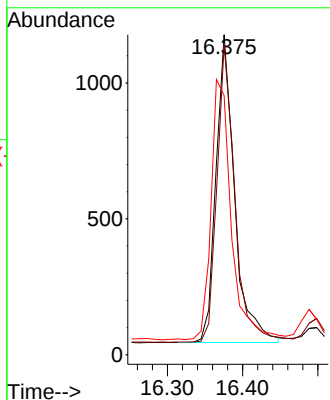
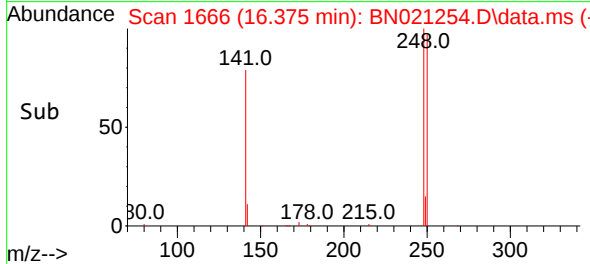
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



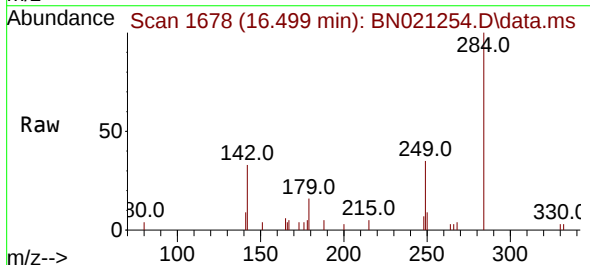
Tgt Ion:248 Resp: 1950
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 81.0 66.8 100.2

Manual Integrations
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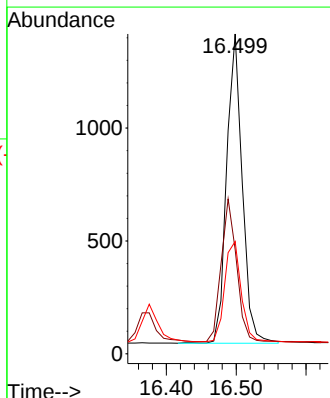
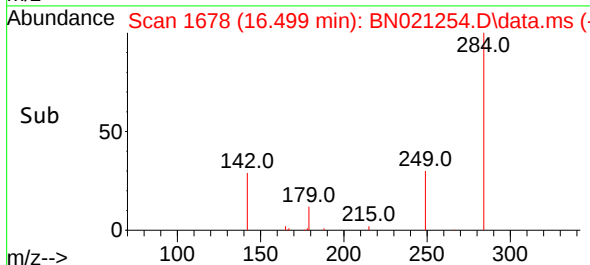
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

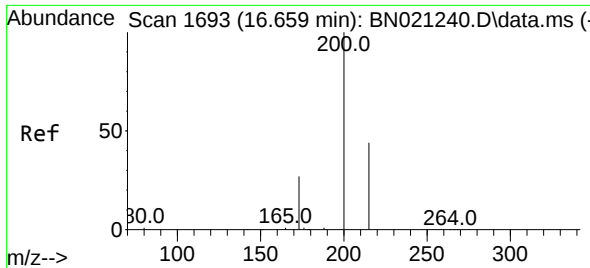


#22
Hexachlorobenzene
Concen: 0.287 ng
RT: 16.499 min Scan# 1678
Delta R.T. 0.004 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59



Tgt Ion:284 Resp: 2129
Ion Ratio Lower Upper
284 100
142 45.4 36.0 54.0
249 34.2 27.0 40.6





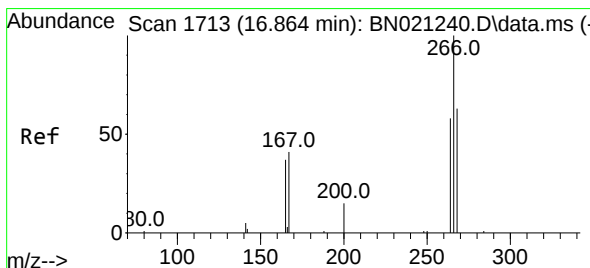
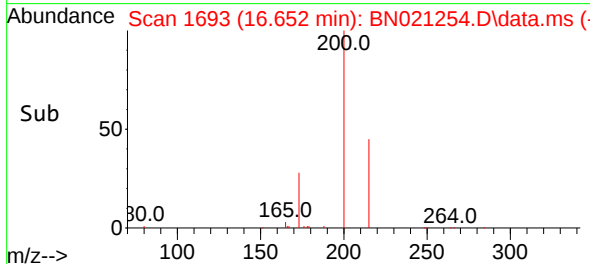
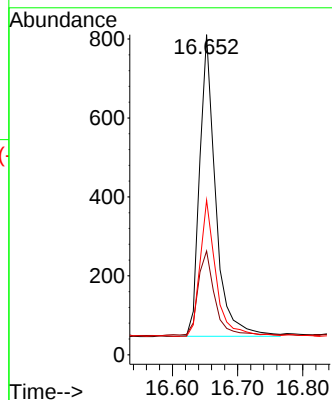
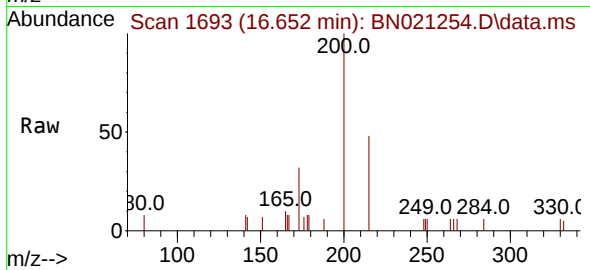
#23
Atrazine
Concen: 0.308 ng
RT: 16.652 min Scan# 1693
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

Instrument : BNA_N
ClientSampleId : TT-203-IDWSO-20220811-2MSD

Tgt Ion:200 Resp: 130
Ion Ratio Lower Upper
200 100
173 32.4 26.0 39.0
215 48.3 38.2 57.4

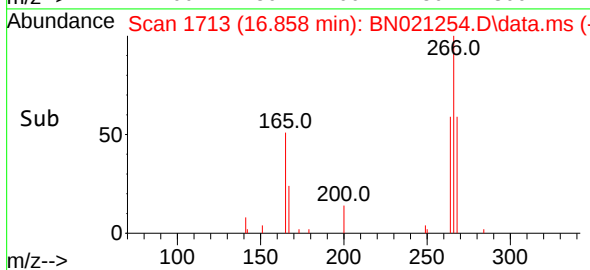
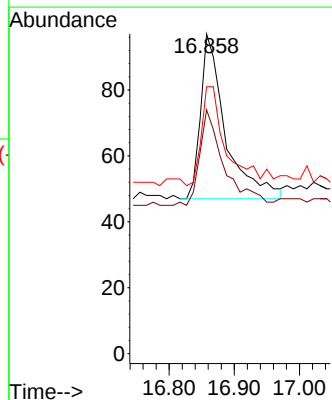
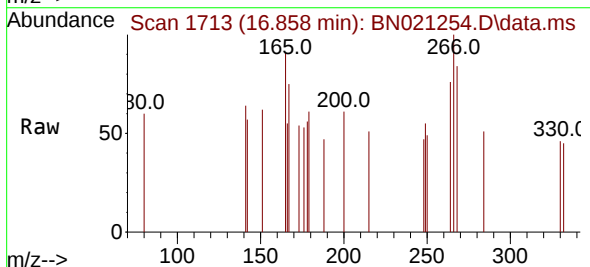
Manual Integrations
APPROVED

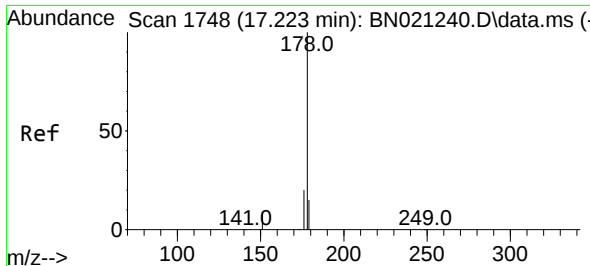
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#24
Pentachlorophenol
Concen: 0.080 ng
RT: 16.858 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

Tgt Ion:266 Resp: 133
Ion Ratio Lower Upper
266 100
264 57.1 50.0 75.0
268 64.7 47.1 70.7





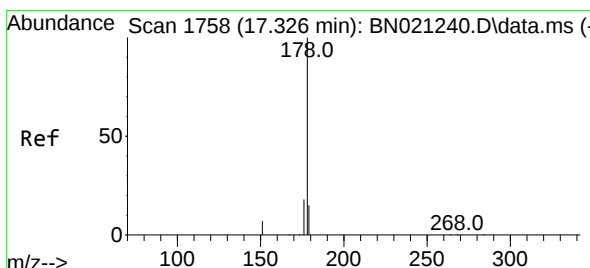
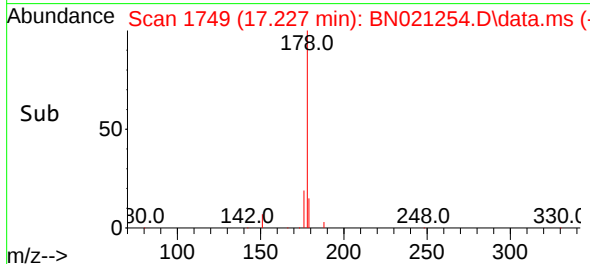
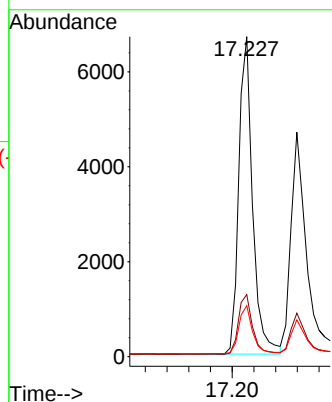
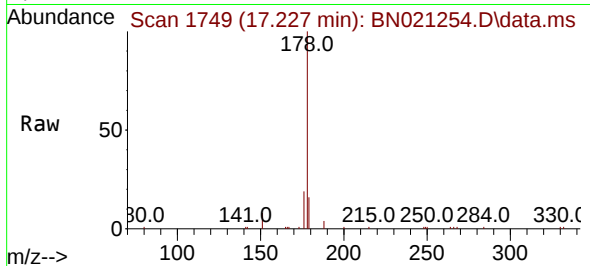
#25
Phenanthrene
Concen: 0.330 ng
RT: 17.227 min Scan# 1749
Delta R.T. 0.004 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD

Tgt Ion:178 Resp: 1175
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.2 12.2 18.4

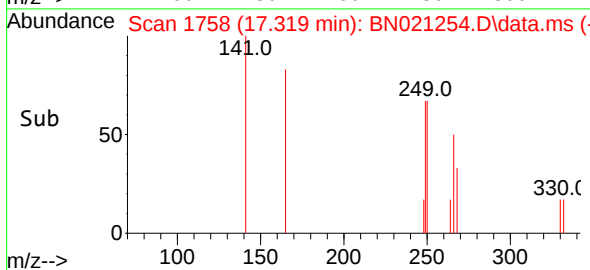
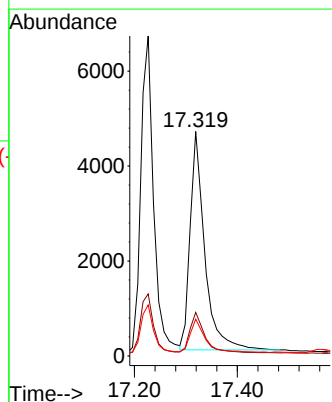
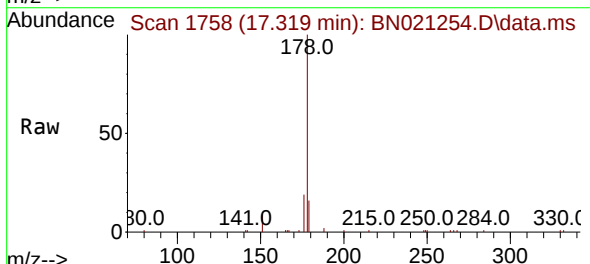
Manual Integrations
APPROVED

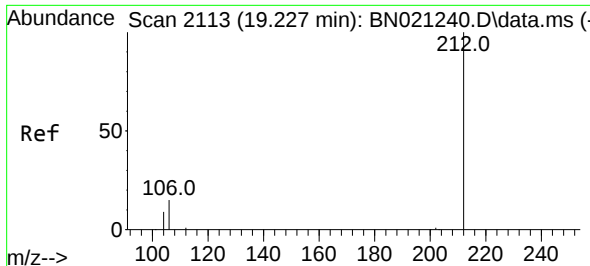
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#26
Anthracene
Concen: 0.306 ng
RT: 17.319 min Scan# 1758
Delta R.T. -0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

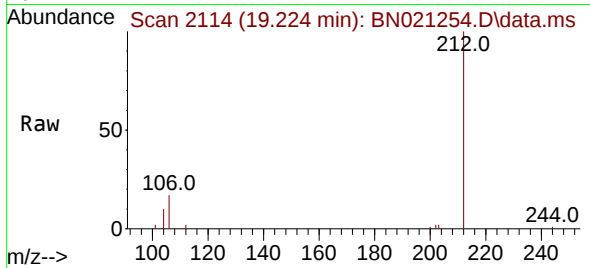
Tgt Ion:178 Resp: 9105
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.4 11.7 17.5





#27
Fluoranthene-d10
Concen: 0.231 ng
RT: 19.224 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

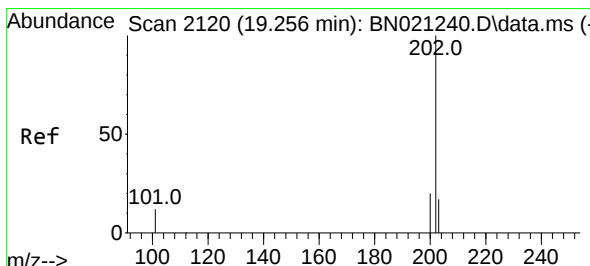
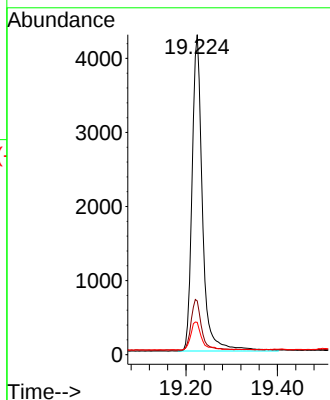
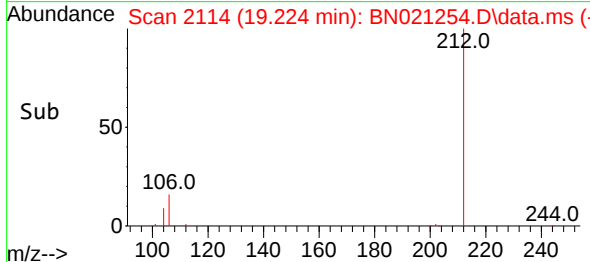
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



Tgt Ion:212 Resp: 6729
Ion Ratio Lower Upper
212 100
106 16.2 12.6 18.8
104 9.5 7.2 10.8

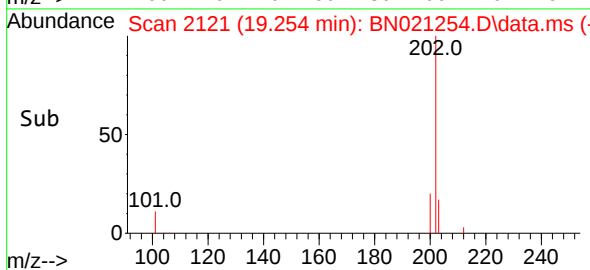
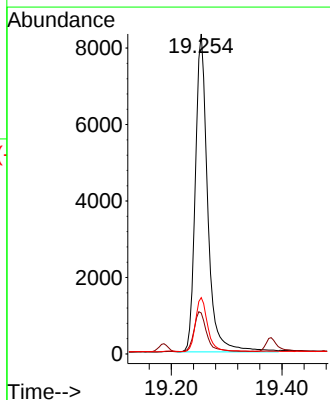
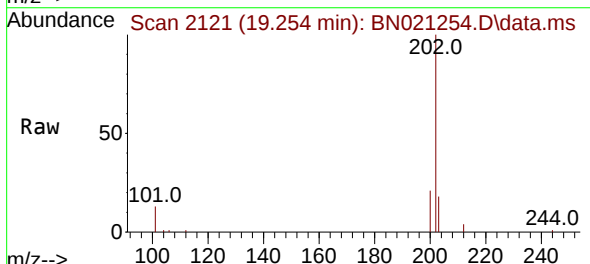
Manual Integrations
APPROVED

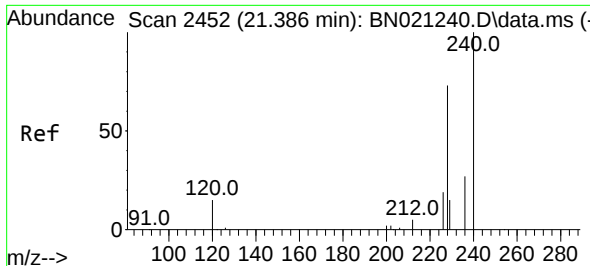
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#28
Fluoranthene
Concen: 0.346 ng
RT: 19.254 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

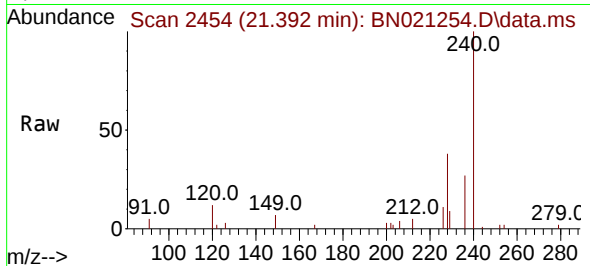
Tgt Ion:202 Resp: 12904
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
203 16.8 13.3 19.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.392 min Scan# 2452
Delta R.T. 0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

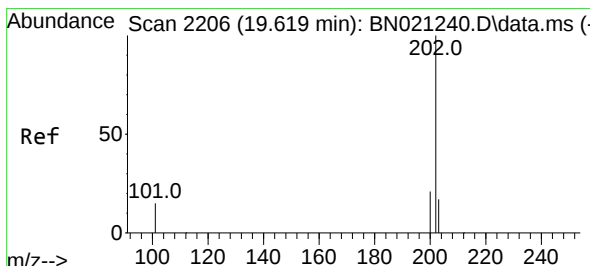
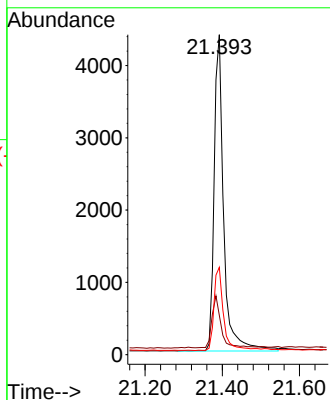
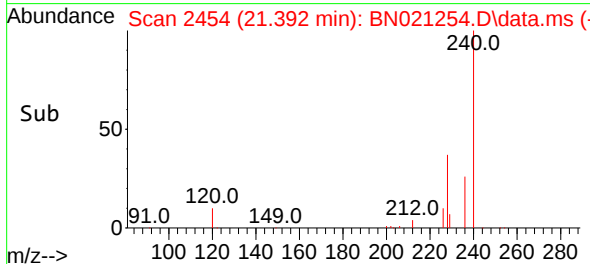
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



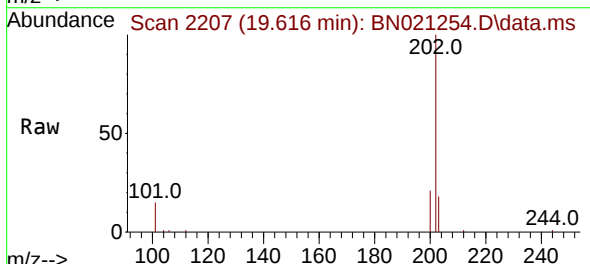
Tgt Ion:240 Resp: 7500
Ion Ratio Lower Upper
240 100
120 12.3 13.4 20.2
236 27.3 22.6 33.8

Manual Integrations
APPROVED

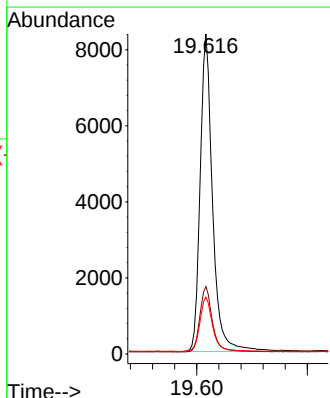
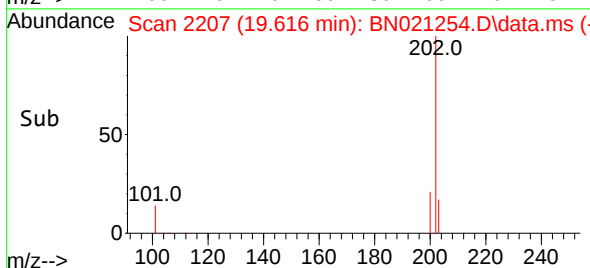
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#30
Pyrene
Concen: 0.336 ng
RT: 19.616 min Scan# 2207
Delta R.T. -0.002 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59



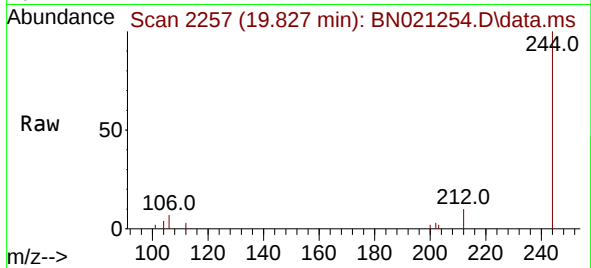
Tgt Ion:202 Resp: 13001
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.9 14.2 21.4





#31
Terphenyl-d14
Concen: 0.236 ng
RT: 19.827 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

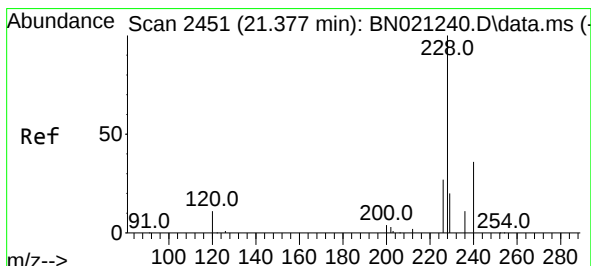
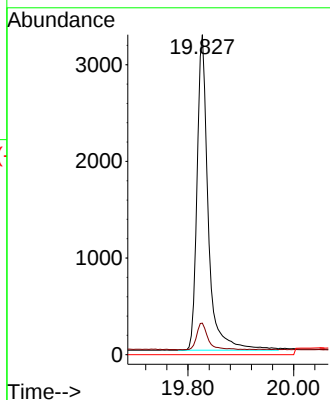
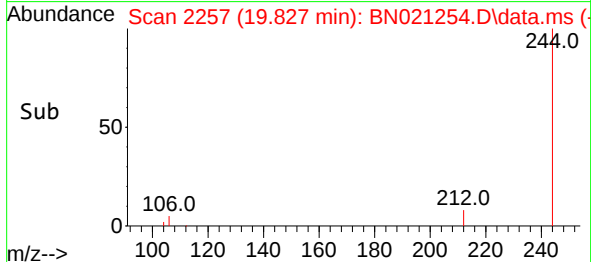
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



Tgt Ion:244 Resp: 4835
Ion Ratio Lower Upper
244 100
212 9.8 8.3 12.5
122 0.0 0.0 0.0

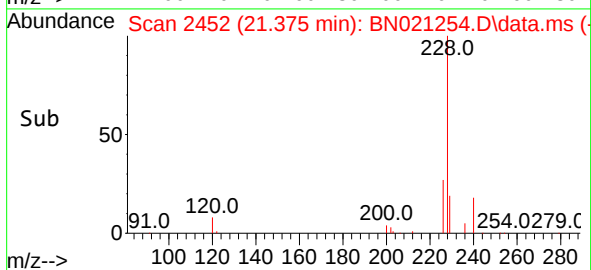
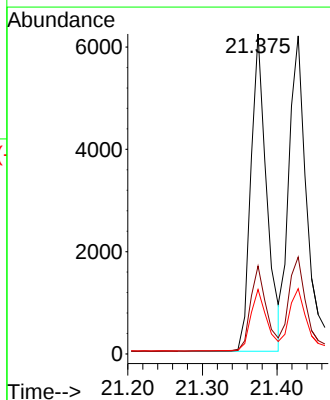
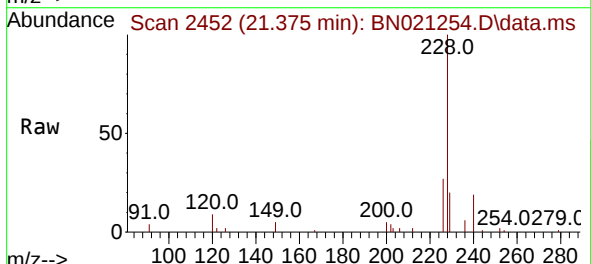
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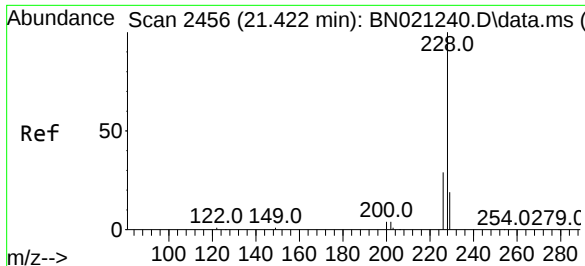
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#32
Benzo(a)anthracene
Concen: 0.375 ng
RT: 21.375 min Scan# 2452
Delta R.T. -0.002 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

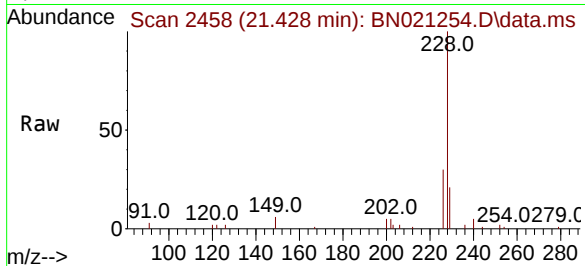
Tgt Ion:228 Resp: 9155
Ion Ratio Lower Upper
228 100
226 27.5 22.4 33.6
229 20.1 16.6 24.8





#33
Chrysene
Concen: 0.328 ng
RT: 21.428 min Scan# 2456
Delta R.T. 0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

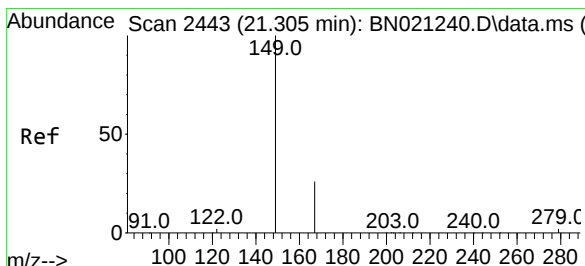
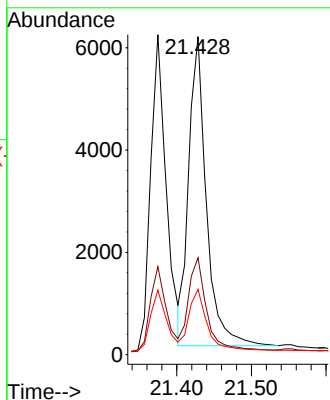
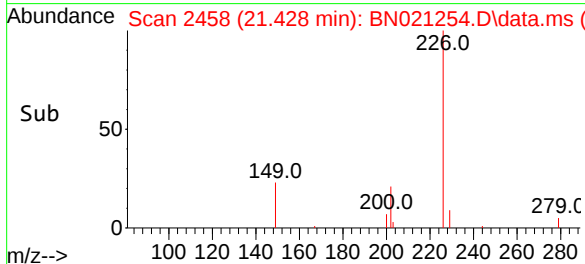
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



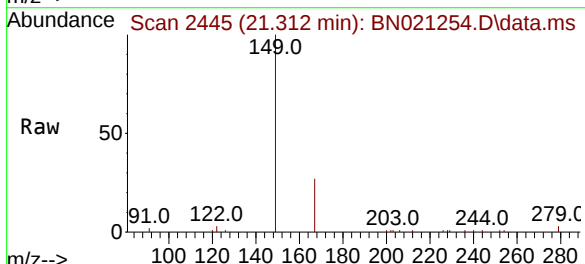
Tgt Ion: 228 Resp: 9948
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 20.5 15.9 23.9

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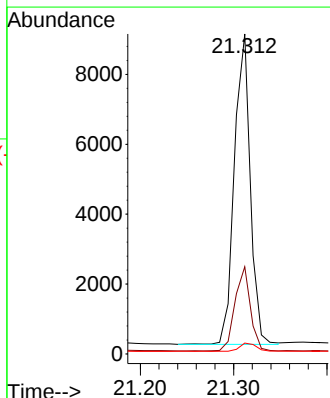
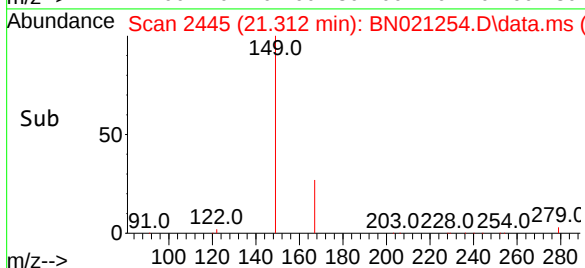
Reviewed By : Christian Giraldo 08/17/2022
Supervised By : Jagrut Upadhyay 08/17/2022

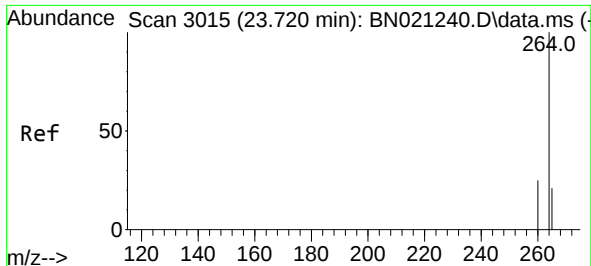


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.632 ng
RT: 21.312 min Scan# 2445
Delta R.T. 0.007 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59



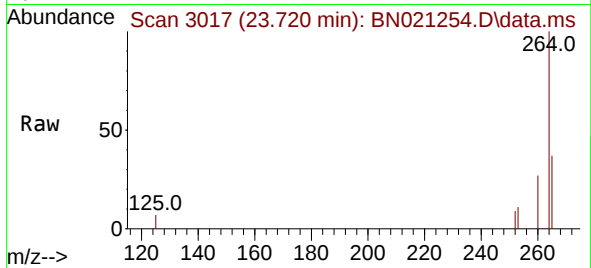
Tgt Ion: 149 Resp: 10552
Ion Ratio Lower Upper
149 100
167 26.2 20.6 31.0
279 2.9 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.720 min Scan# 3015
 Delta R.T. 0.001 min
 Lab File: BN021254.D
 Acq: 16 Aug 2022 12:59

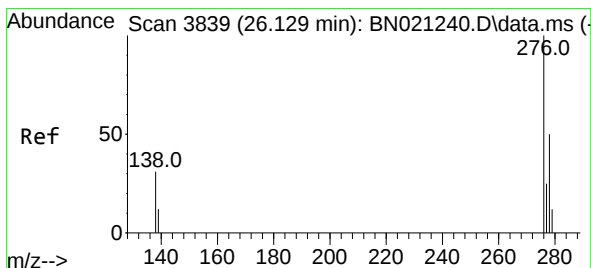
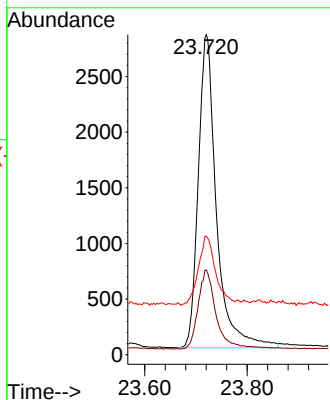
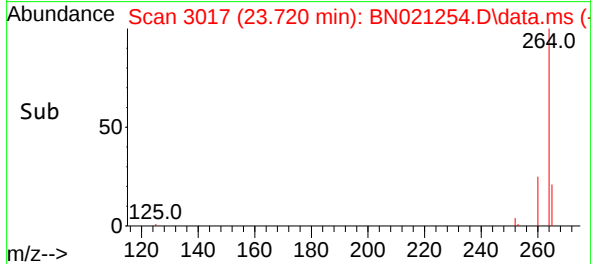
Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-2MSD



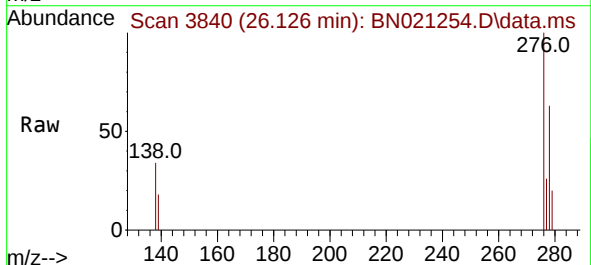
Tgt Ion:264 Resp: 693
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.4 32.2
 265 37.0 34.3 51.5

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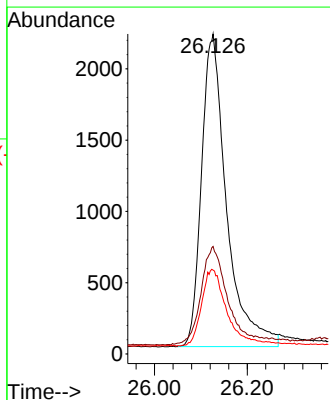
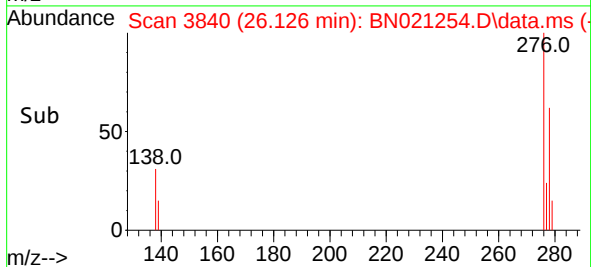
Reviewed By :Christian Giraldo 08/17/2022
 Supervised By :Jagrut Upadhyay 08/17/2022

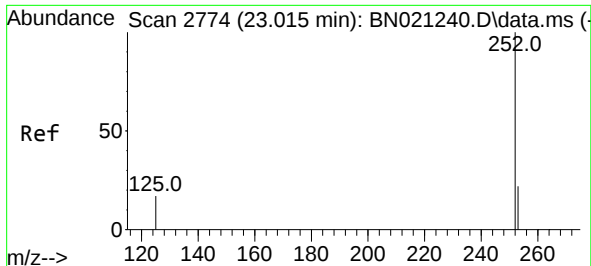


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.268 ng
 RT: 26.126 min Scan# 3840
 Delta R.T. -0.002 min
 Lab File: BN021254.D
 Acq: 16 Aug 2022 12:59



Tgt Ion:276 Resp: 8218
 Ion Ratio Lower Upper
 276 100
 138 32.6 24.2 36.2
 277 24.3 19.1 28.7





#37

Benzo(b)fluoranthene

Concen: 0.308 ng

RT: 23.013 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN021254.D

Acq: 16 Aug 2022 12:59

Instrument :

BNA_N

ClientSampleId :

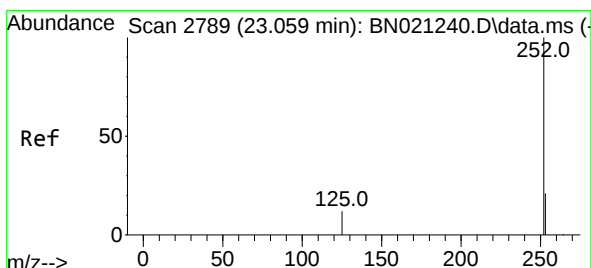
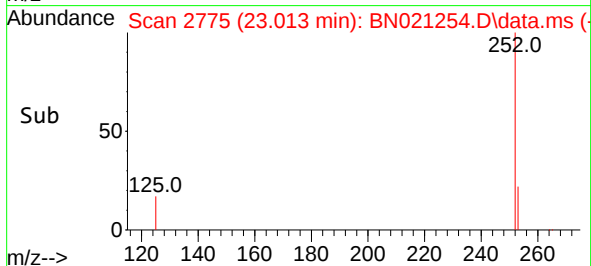
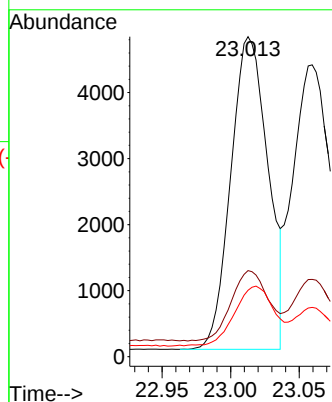
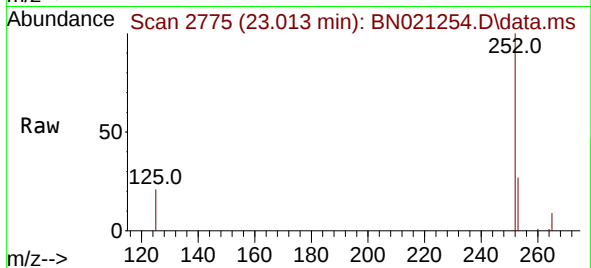
TT-203-IDWSO-20220811-2MSD

Tgt Ion:252	Resp:	8928
Ion Ratio	Lower	Upper
252	100	
253	26.9	21.4 32.0
125	20.8	15.3 22.9

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Supervised By :Jagrut Upadhyay 08/17/2022



#38

Benzo(k)fluoranthene

Concen: 0.294 ng m

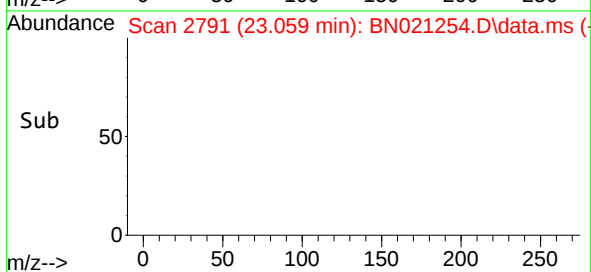
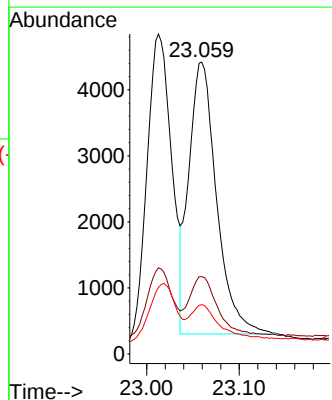
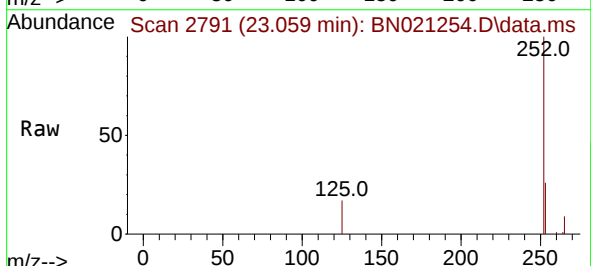
RT: 23.059 min Scan# 2791

Delta R.T. 0.001 min

Lab File: BN021254.D

Acq: 16 Aug 2022 12:59

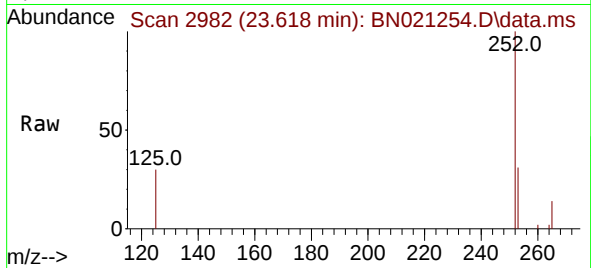
Tgt Ion:252	Resp:	8585
Ion Ratio	Lower	Upper
252	100	
253	26.5	21.4 32.2
125	16.9	12.6 18.8





#39
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.618 min Scan# 2981
Delta R.T. -0.002 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

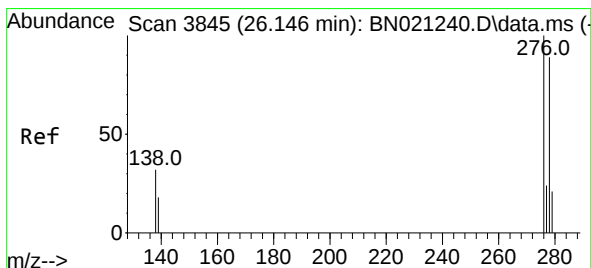
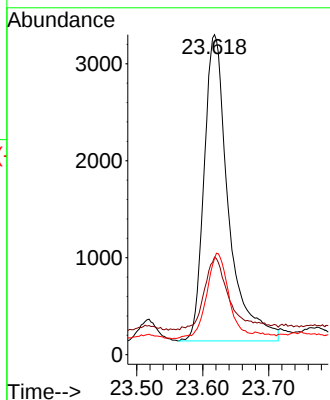
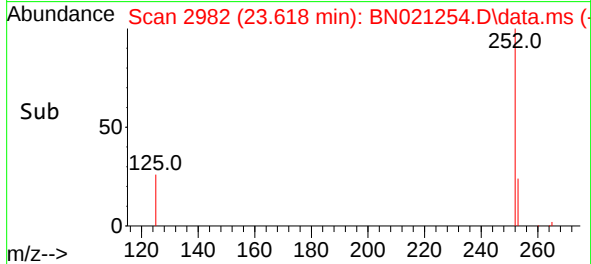
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2MSD



Tgt Ion:252 Resp: 8090
Ion Ratio Lower Upper
252 100
253 30.5 24.8 37.2
125 30.0 23.8 35.6

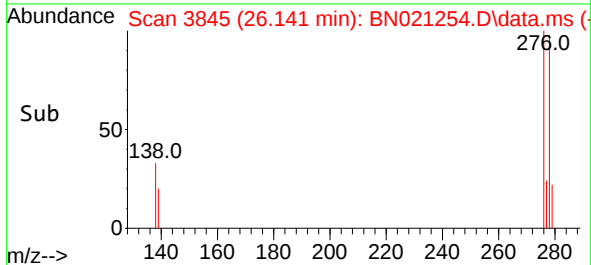
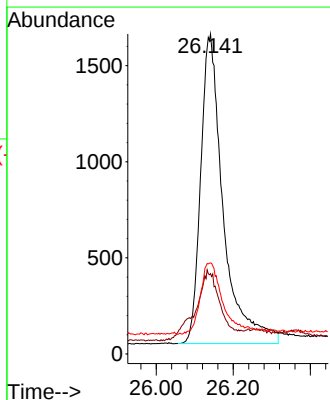
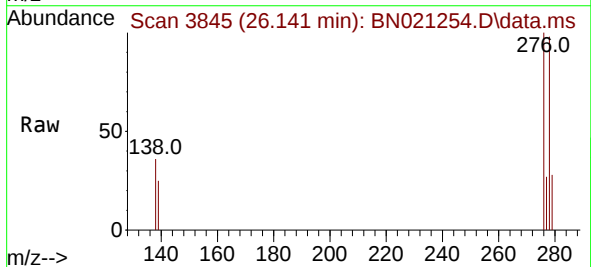
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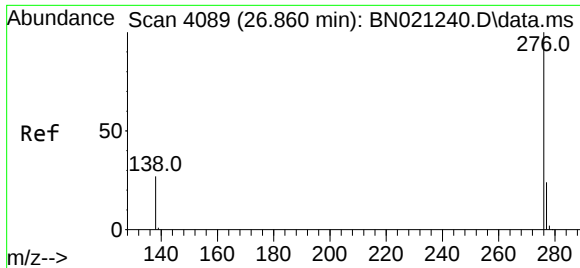
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.276 ng
RT: 26.141 min Scan# 3845
Delta R.T. -0.005 min
Lab File: BN021254.D
Acq: 16 Aug 2022 12:59

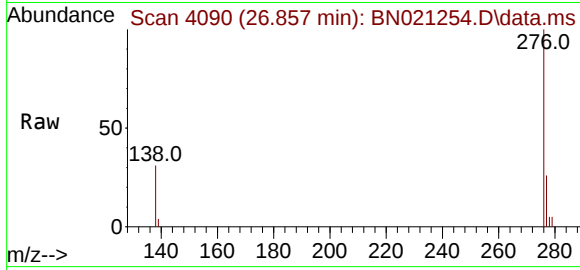
Tgt Ion:278 Resp: 6542
Ion Ratio Lower Upper
278 100
139 25.1 20.5 30.7
279 28.5 23.8 35.8





#41
 Benzo(g,h,i)perylene
 Concen: 0.309 ng
 RT: 26.857 min Scan# 4090
 Delta R.T. -0.002 min
 Lab File: BN021254.D
 Acq: 16 Aug 2022 12:59

Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-2MSD



Tgt Ion: 276 Resp: 8510
 Ion Ratio Lower Upper
 276 100
 277 25.5 21.0 31.4
 138 30.6 23.8 35.6

Manual Integrations
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Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

