

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122822\
 Data File : BN023524.D
 Acq On : 28 Dec 2022 15:51
 Operator : CG/JU
 Sample : PB149736BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB149736BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/29/2022
 Supervised By : Yogesh Patel 12/29/2022

Quant Time: Dec 29 04:03:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 04:01:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	5138	0.400	ng	0.00
7) Naphthalene-d8	10.786	136	14671	0.400	ng	# 0.00
13) Acenaphthene-d10	14.623	164	8190	0.400	ng	0.00
19) Phenanthrene-d10	17.365	188	16766	0.400	ng	# 0.00
29) Chrysene-d12	21.558	240	9042	0.400	ng	# 0.00
35) Perylene-d12	23.999	264	6717	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	4952	0.435	ng	0.00
5) Phenol-d6	7.132	99	5962	0.427	ng	0.00
8) Nitrobenzene-d5	9.142	82	4829	0.421	ng	0.00
11) 2-Methylnaphthalene-d10	12.378	152	9543	0.446	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	1463	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.244	172	14969	0.461	ng	0.00
27) Fluoranthene-d10	19.401	212	15083	0.368	ng	0.00
31) Terphenyl-d14	19.996	244	14091	0.668	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	2239	0.452	ng	99
3) n-Nitrosodimethylamine	3.702	42	2537	0.425	ng	94
6) bis(2-Chloroethyl)ether	7.392	93	6485	0.479	ng	99
9) Naphthalene	10.840	128	17017	0.454	ng	99
10) Hexachlorobutadiene	11.128	225	3559	0.471	ng	# 99
12) 2-Methylnaphthalene	12.450	142	11962	0.443	ng	97
16) Acenaphthylene	14.345	152	14119	0.415	ng	100
17) Acenaphthene	14.688	154	10297m	0.449	ng	
18) Fluorene	15.671	166	13778	0.432	ng	100
20) 4,6-Dinitro-2-methylph...	15.751	198	773	0.494	ng	90
21) 4-Bromophenyl-phenylether	16.558	248	4278	0.435	ng	# 80
22) Hexachlorobenzene	16.670	284	5557	0.469	ng	99
23) Atrazine	16.831	200	2772	0.365	ng	96
24) Pentachlorophenol	17.017	266	1400	0.405	ng	99
25) Phenanthrene	17.414	178	20595	0.431	ng	100
26) Anthracene	17.501	178	15674	0.395	ng	100
28) Fluoranthene	19.431	202	20262	0.378	ng	99
30) Pyrene	19.793	202	19658	0.582	ng	100
32) Benzo(a)anthracene	21.540	228	12665	0.420	ng	98
33) Chrysene	21.593	228	14319	0.463	ng	100
34) Bis(2-ethylhexyl)phtha...	21.459	149	7141	0.385	ng	99
36) Indeno(1,2,3-cd)pyrene	26.540	276	12009	0.479	ng	100
37) Benzo(b)fluoranthene	23.250	252	11838	0.459	ng	97
38) Benzo(k)fluoranthene	23.297	252	11286	0.445	ng	98
39) Benzo(a)pyrene	23.888	252	8829	0.448	ng	# 90
40) Dibenzo(a,h)anthracene	26.563	278	8783	0.459	ng	99
41) Benzo(g,h,i)perylene	27.326	276	10743	0.486	ng	98

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

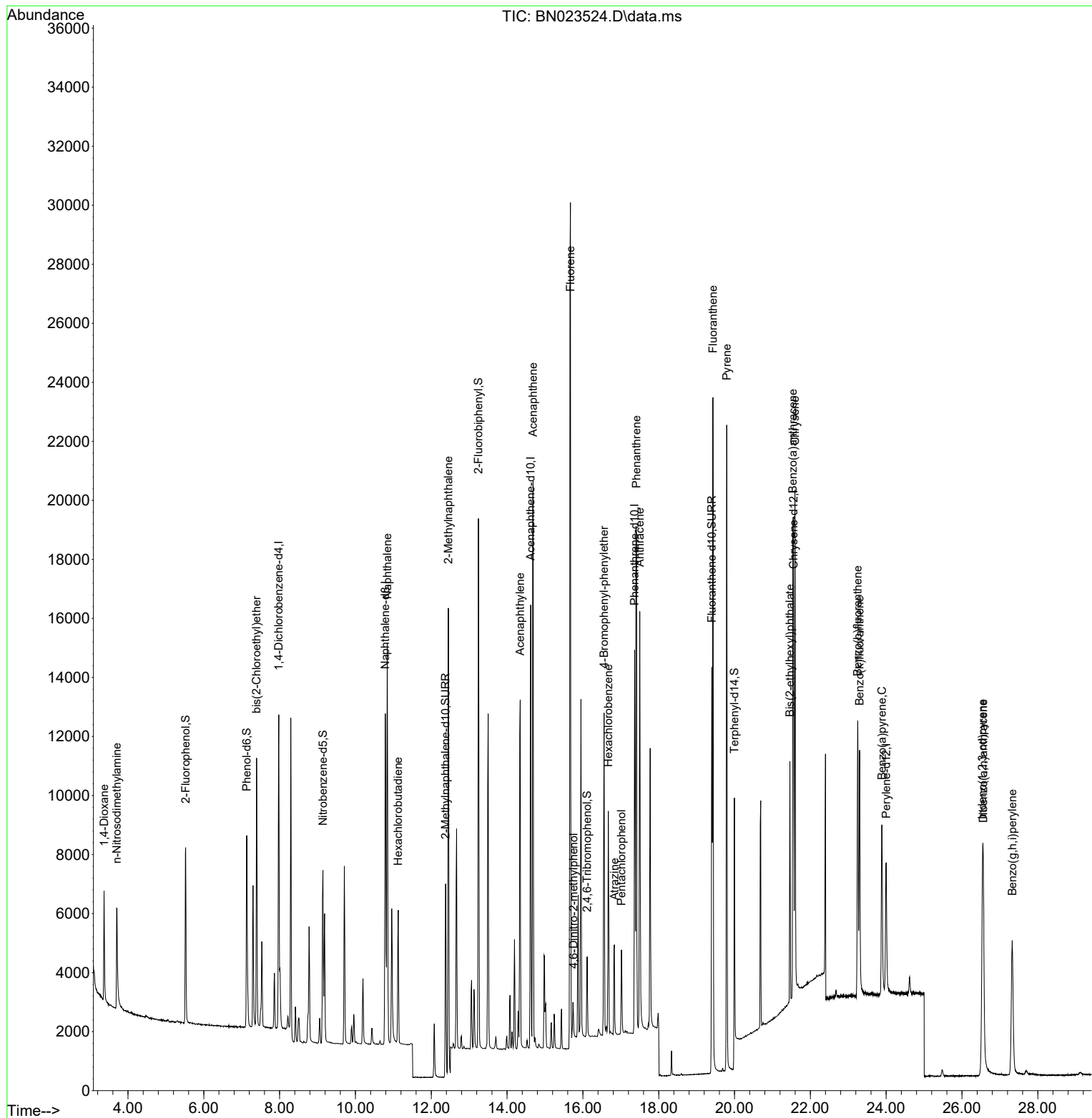
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122822\
Data File : BN023524.D
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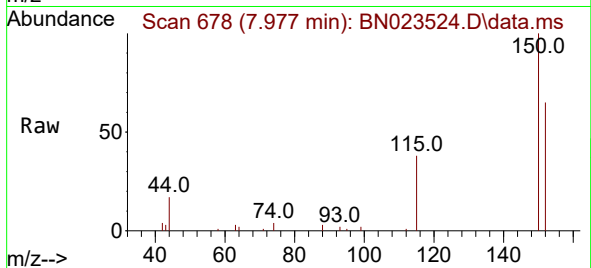
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.977 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023524.D
 Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

PB149736BSD

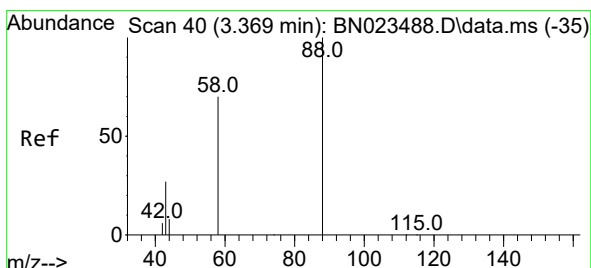
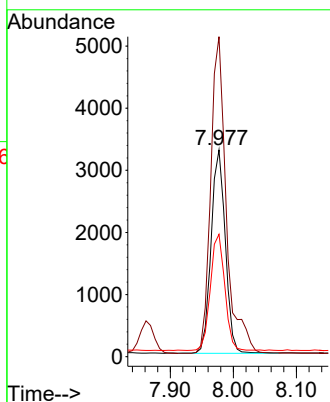
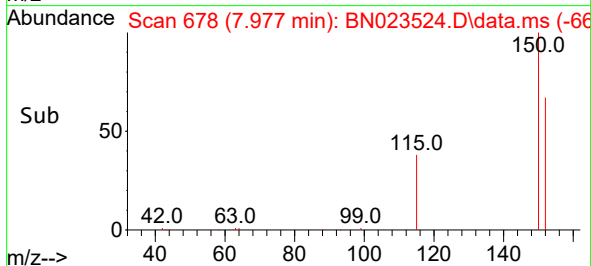


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 Ion Ratio Lower Upper
 152 100
 150 154.8 125.0 187.6
 115 59.2 48.8 73.2

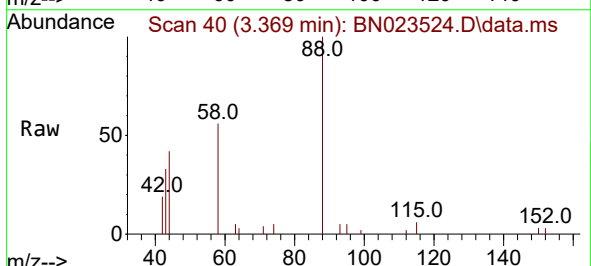
Manual Integrations

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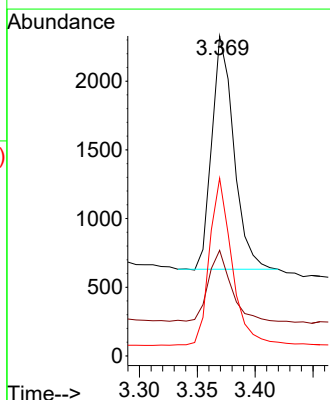
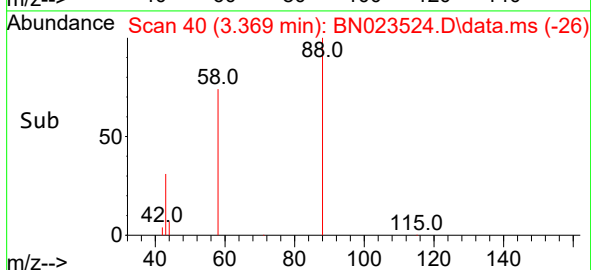
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Yogesh Patel 12/29/2022

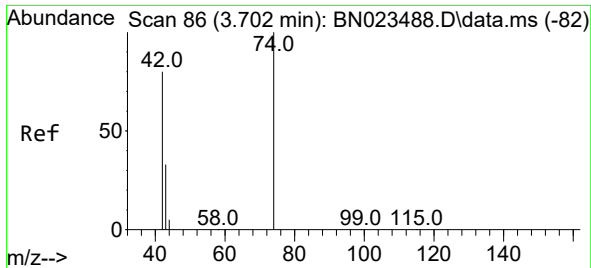


#2
 1,4-Dioxane
 Concen: 0.452 ng
 RT: 3.369 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BN023524.D
 Acq: 28 Dec 2022 15:51



Tgt Ion: 88 Resp: 2239
 Ion Ratio Lower Upper
 88 100
 43 31.2 24.6 36.8
 58 73.6 58.2 87.4





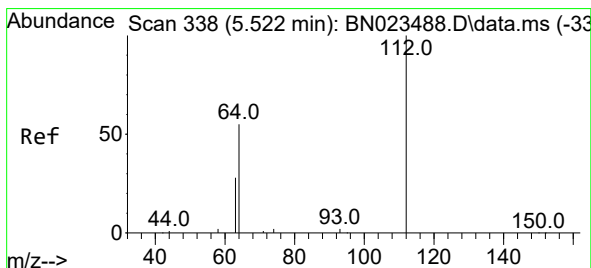
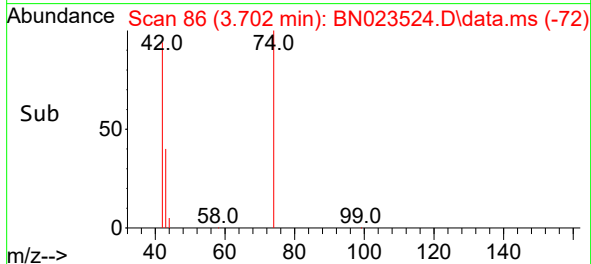
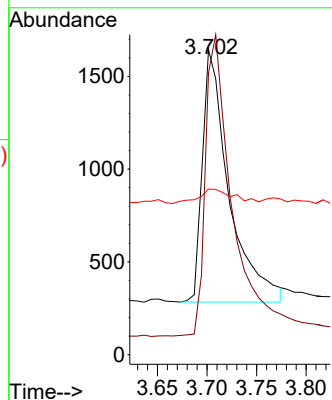
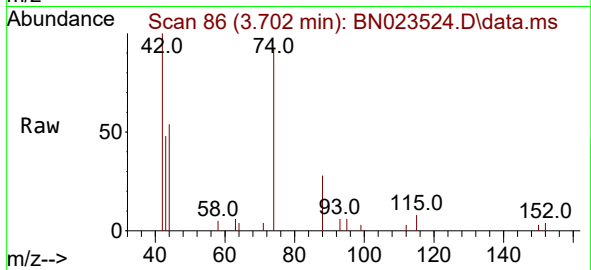
#3
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.702 min Scan# 86
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Instrument :
BNA_N
ClientSampleId :
PB149736BSD

Tgt Ion: 42 Resp: 253
Ion Ratio Lower Upper
42 100
74 120.5 102.1 153.1
44 7.4 5.6 8.4

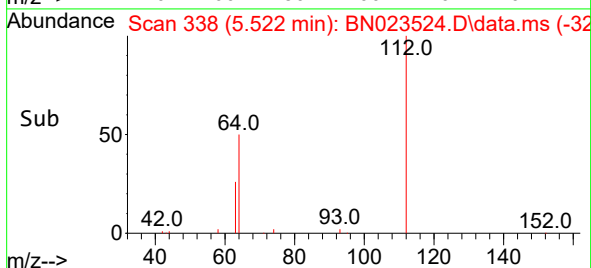
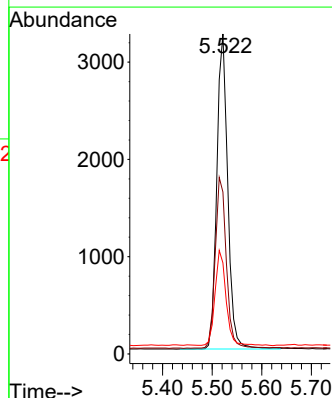
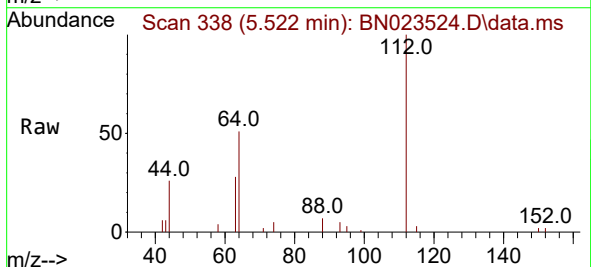
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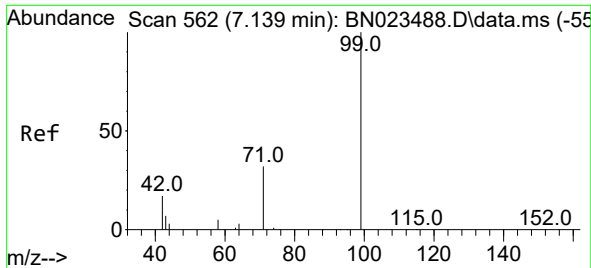
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022



#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.522 min Scan# 338
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Tgt Ion:112 Resp: 4952
Ion Ratio Lower Upper
112 100
64 55.5 44.3 66.5
63 30.6 23.8 35.6





#5
Phenol-d6
Concen: 0.427 ng
RT: 7.132 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

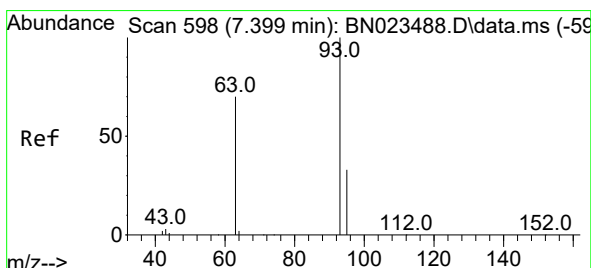
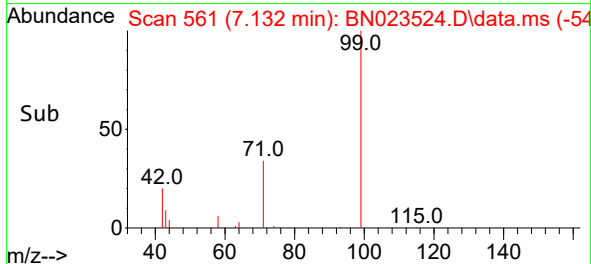
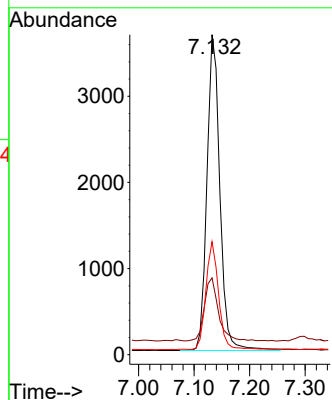
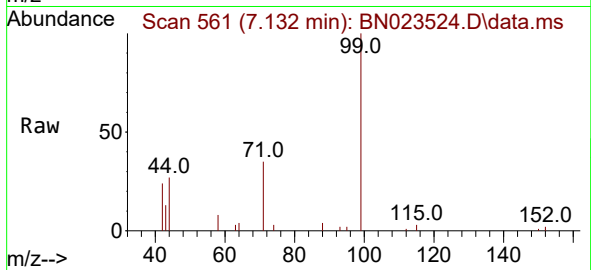
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Tgt Ion: 99 Resp: 596
Ion Ratio Lower Upper
99 100
42 21.5 16.8 25.2
71 33.3 27.0 40.4

Manual Integrations

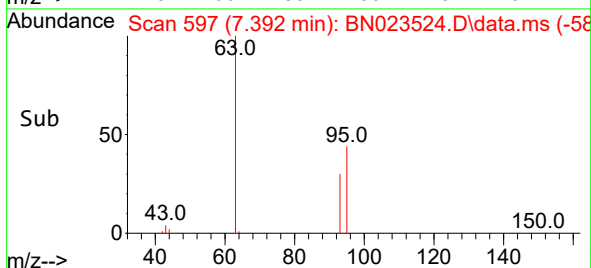
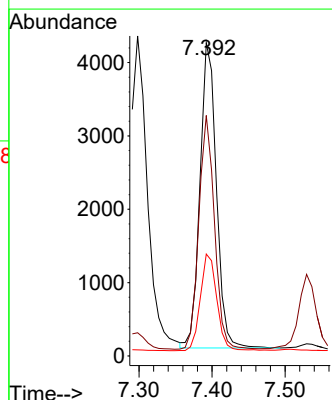
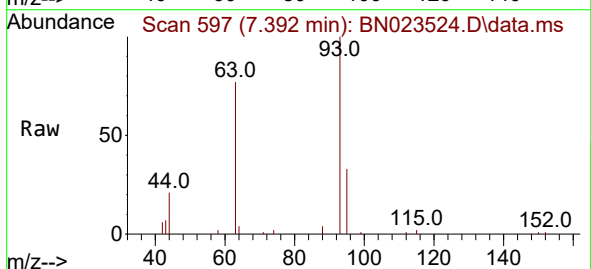
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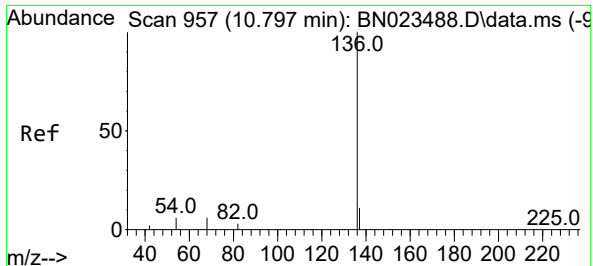
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022



#6
bis(2-Chloroethyl)ether
Concen: 0.479 ng
RT: 7.392 min Scan# 597
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Tgt Ion: 93 Resp: 6485
Ion Ratio Lower Upper
93 100
63 73.3 58.9 88.3
95 31.9 26.1 39.1





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.786 min Scan# 956
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

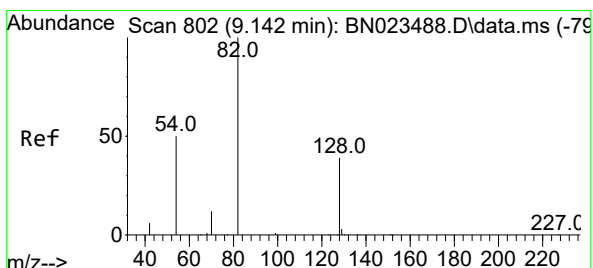
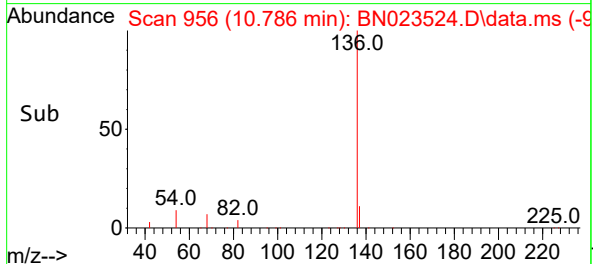
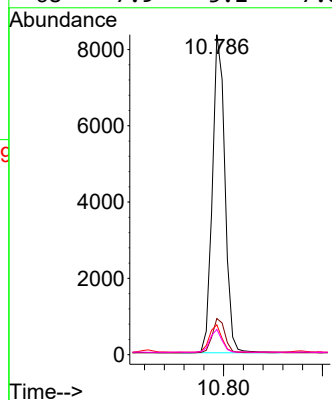
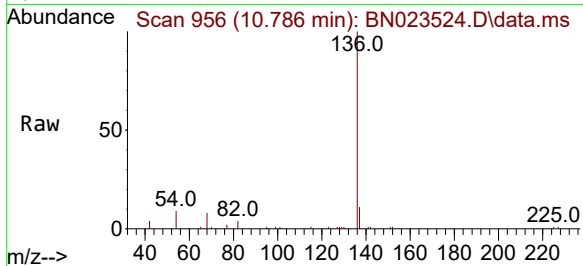
ClientSampleId :

PB149736BSD

Tgt Ion:136 Resp: 1467
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.3 5.8 8.8
68 7.9 5.2 7.8

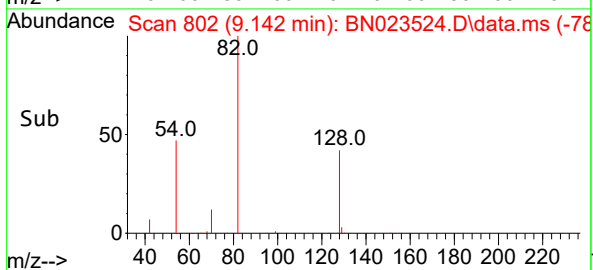
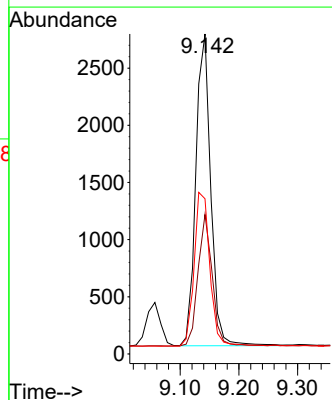
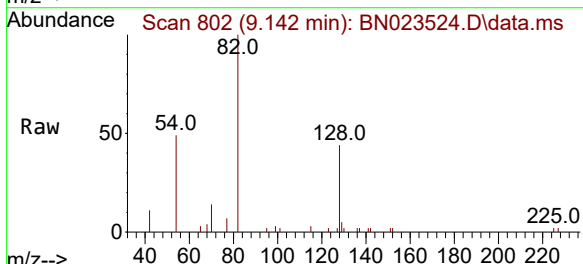
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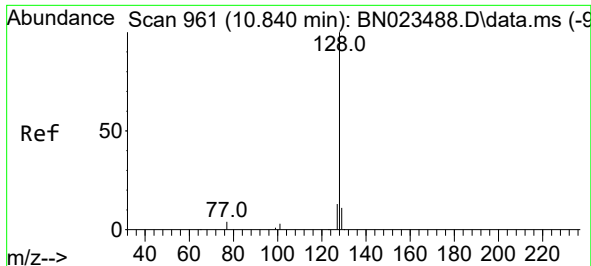
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022



#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 9.142 min Scan# 802
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Tgt Ion: 82 Resp: 4829
Ion Ratio Lower Upper
82 100
128 43.6 32.6 49.0
54 48.5 41.4 62.0





#9
Naphthalene
Concen: 0.454 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

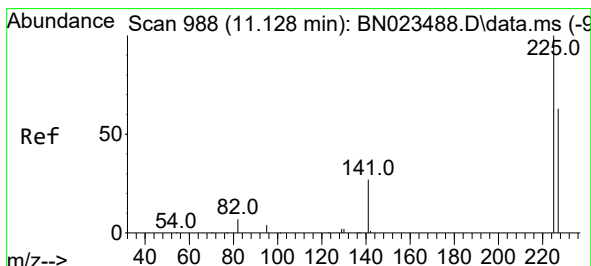
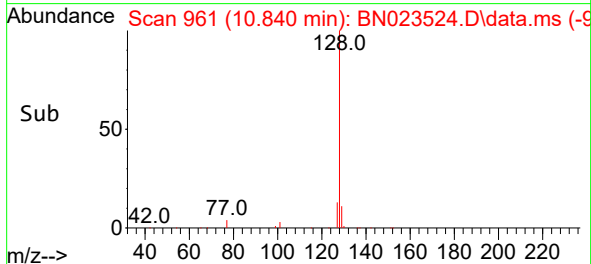
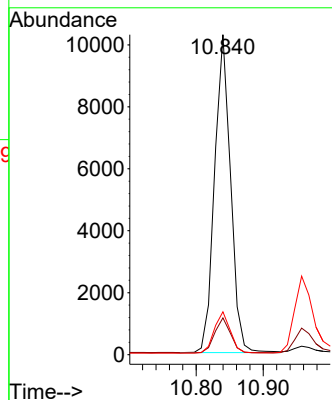
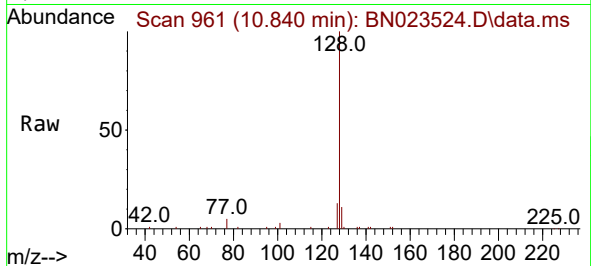
ClientSampleId :

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Tgt Ion:128 Resp: 1701
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 11.0 16.4

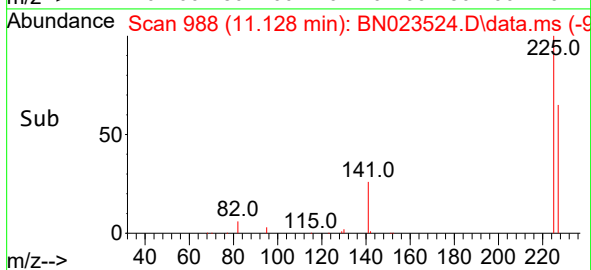
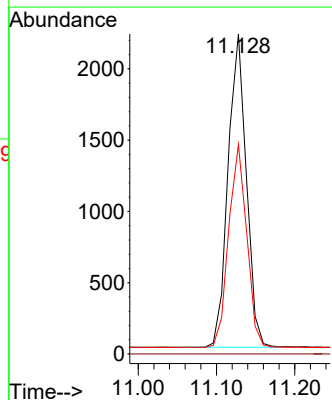
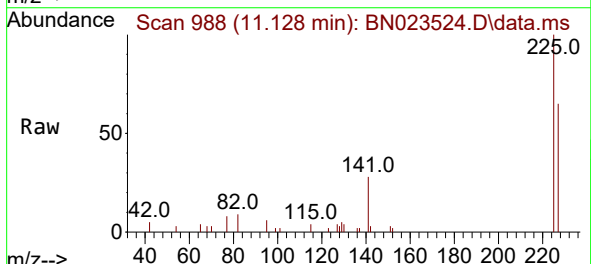
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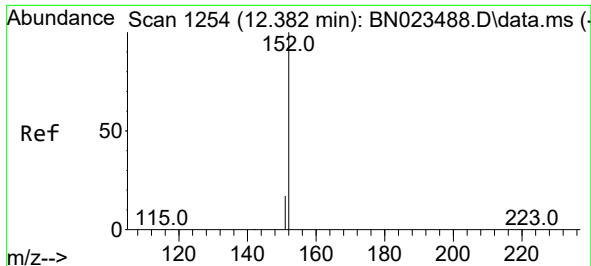
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022



#10
Hexachlorobutadiene
Concen: 0.471 ng
RT: 11.128 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

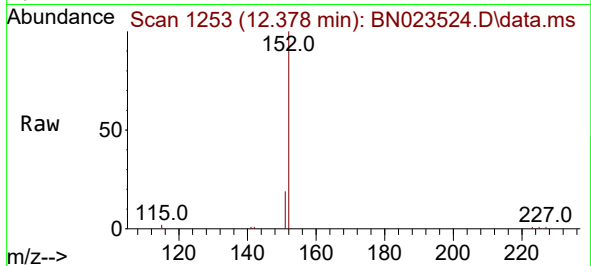
Tgt Ion:225 Resp: 3559
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.1 51.8 77.8





#11
2-Methylnaphthalene-d10
Concen: 0.446 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

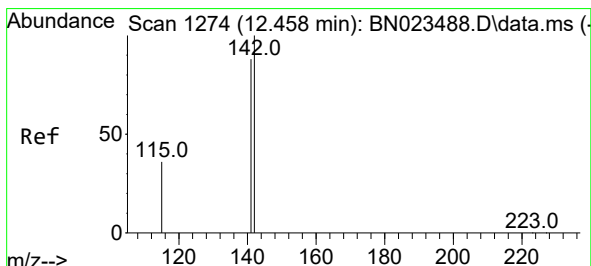
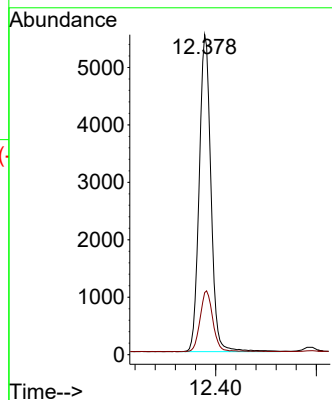
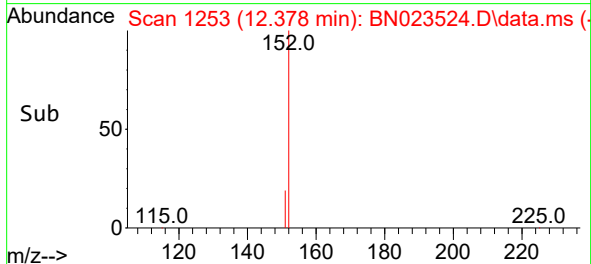
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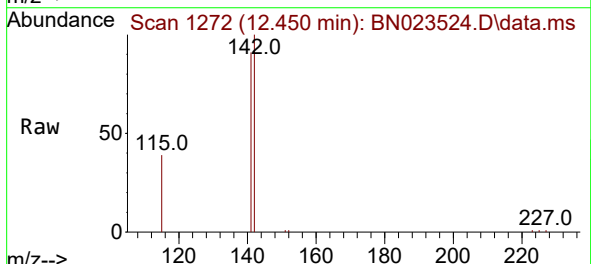
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Ion Ratio Lower Upper
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151 19.4 14.8 22.2

Manual Integrations
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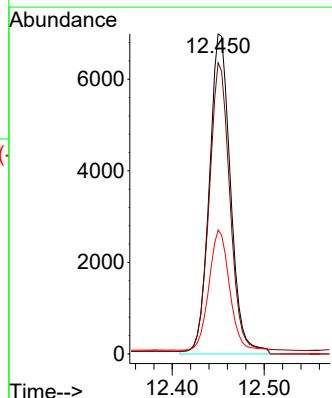
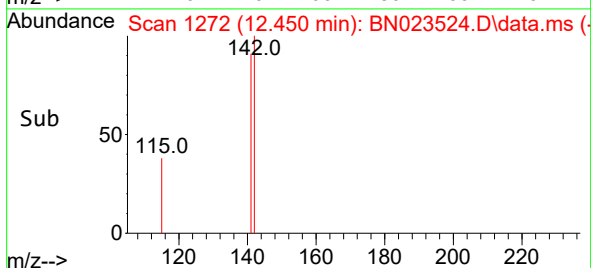
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

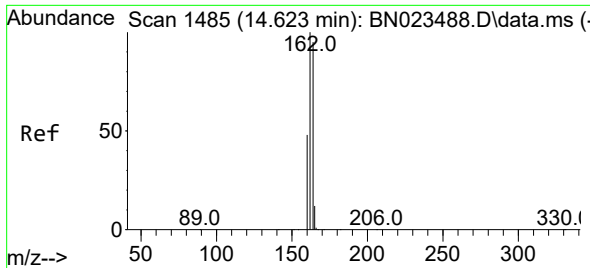


#12
2-Methylnaphthalene
Concen: 0.443 ng
RT: 12.450 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51



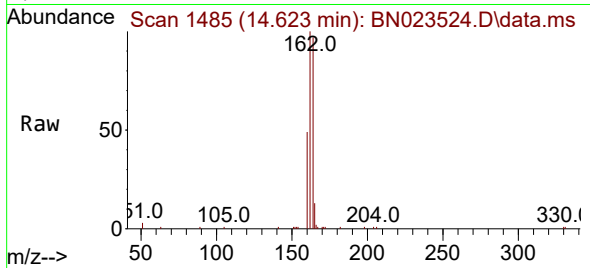
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Ion Ratio Lower Upper
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141 91.0 70.5 105.7
115 38.7 29.5 44.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.623 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

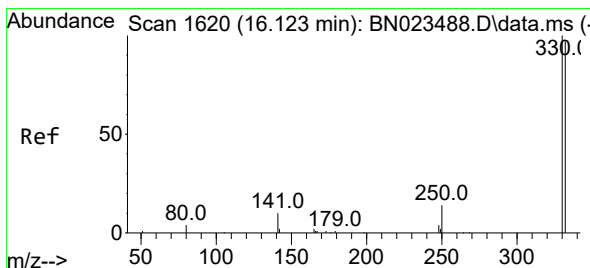
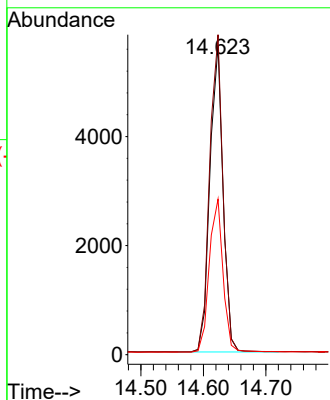
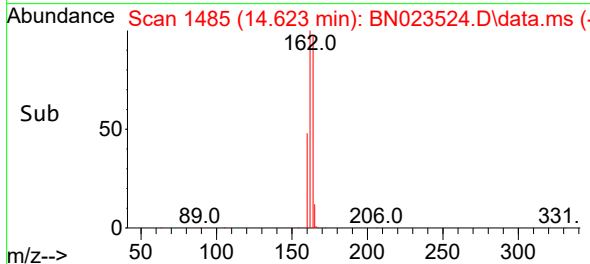
Instrument :
BNA_N
ClientSampleId :
PB149736BSD



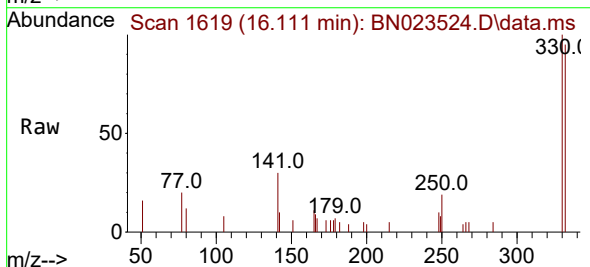
Tgt Ion:164 Resp: 8190
Ion Ratio Lower Upper
164 100
162 103.5 83.9 125.9
160 50.3 40.9 61.3

Manual Integrations
APPROVED

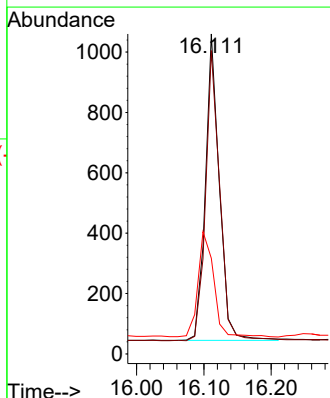
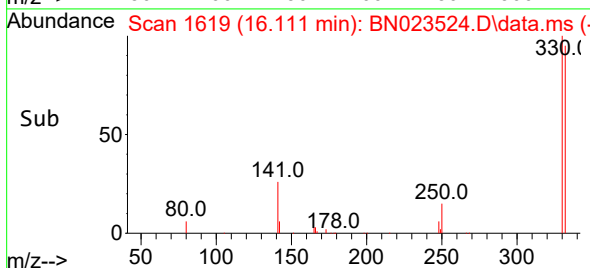
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

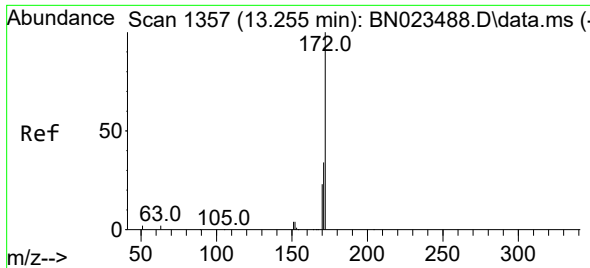


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.111 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51



Tgt Ion:330 Resp: 1463
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 38.8 29.8 44.6





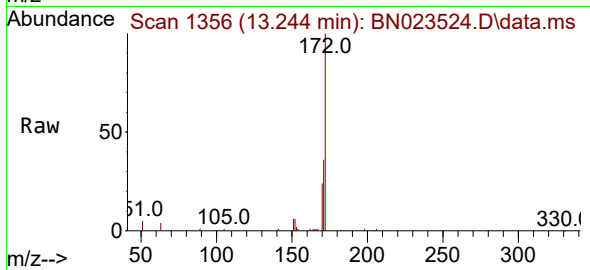
#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 13.244 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

PB149736BSD

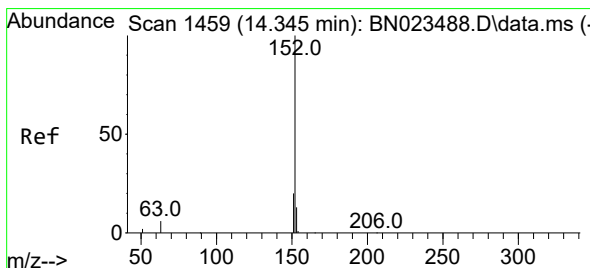
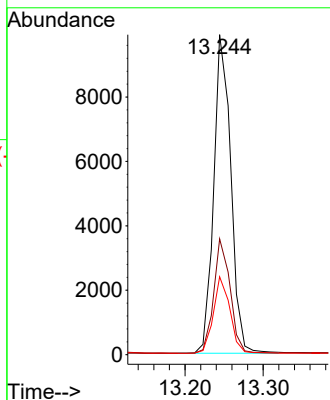
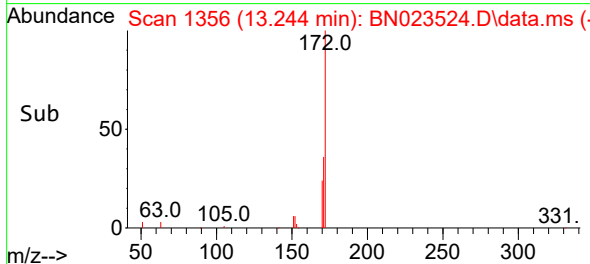


Tgt Ion:172 Resp: 14969
Ion Ratio Lower Upper
172 100
171 36.2 27.6 41.4
170 24.4 18.7 28.1

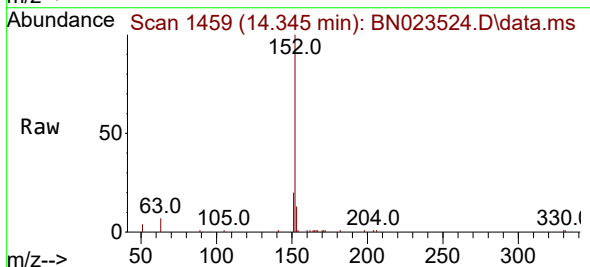
Manual Integrations

APPROVED

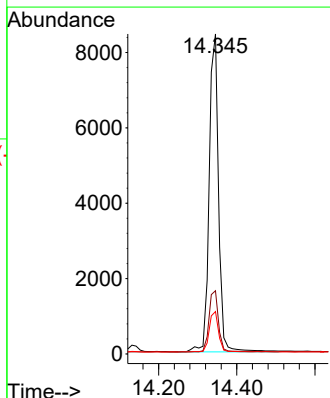
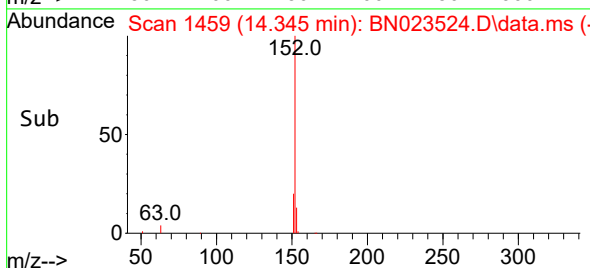
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

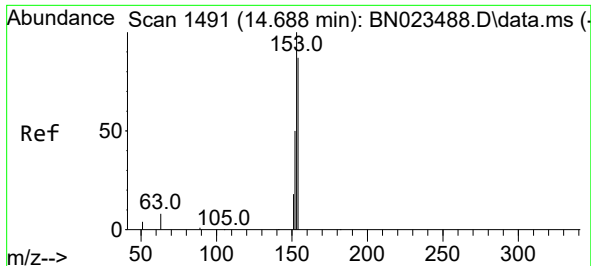


#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.345 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51



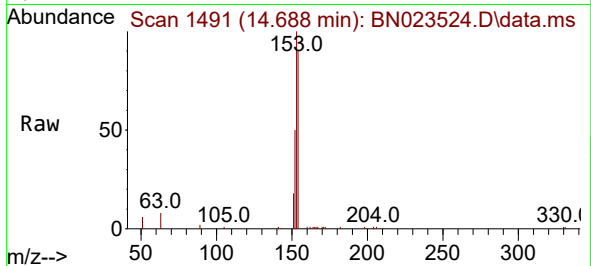
Tgt Ion:152 Resp: 14119
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 12.8 10.3 15.5





#17
Acenaphthene
Concen: 0.449 ng m
RT: 14.688 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

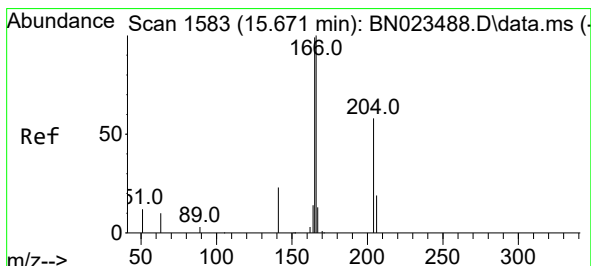
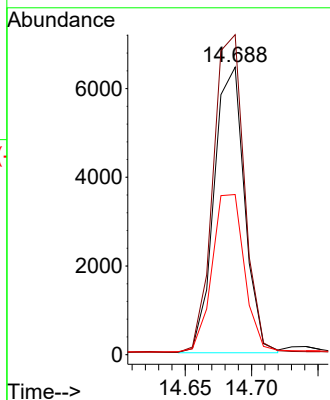
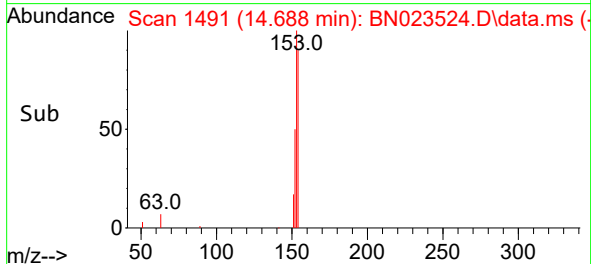
Instrument :
BNA_N
ClientSampleId :
PB149736BSD



Tgt Ion:154 Resp: 1029
Ion Ratio Lower Upper
154 100
153 114.0 90.8 136.2
152 58.9 46.3 69.5

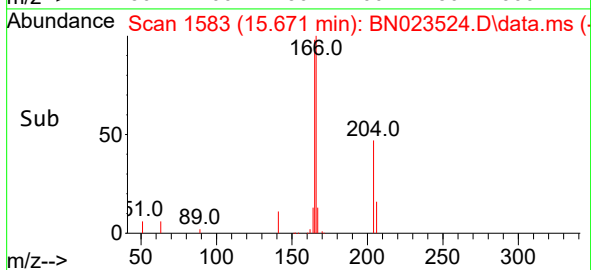
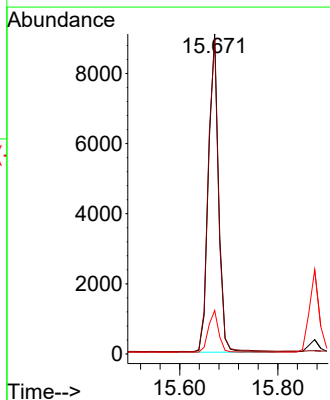
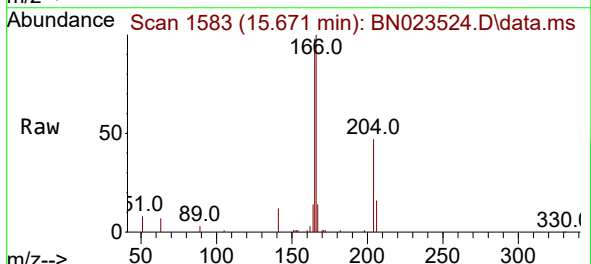
Manual Integrations
APPROVED

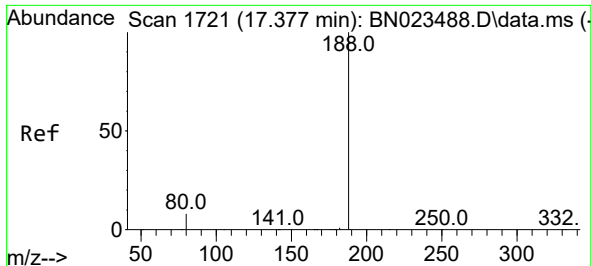
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022



#18
Fluorene
Concen: 0.432 ng
RT: 15.671 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Tgt Ion:166 Resp: 13778
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 13.0 10.6 16.0





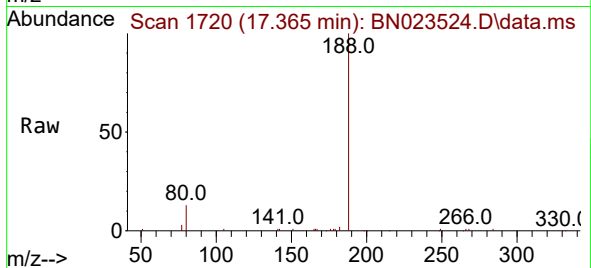
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.365 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

PB149736BSD

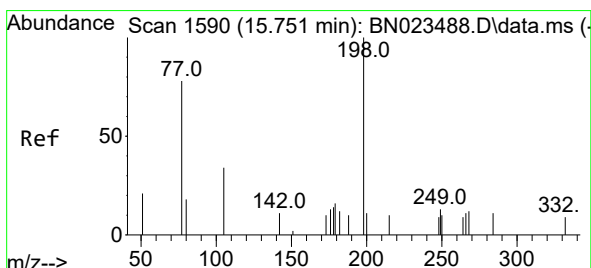
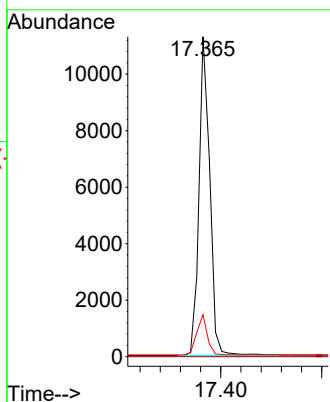
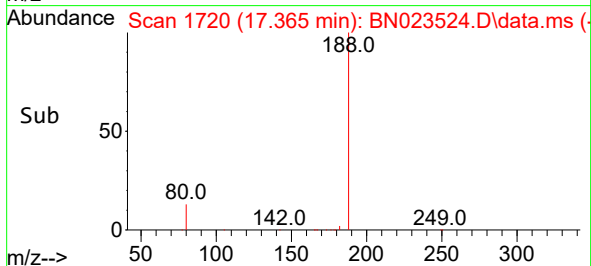


Tgt Ion:188 Resp: 16760
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 6.7 10.1

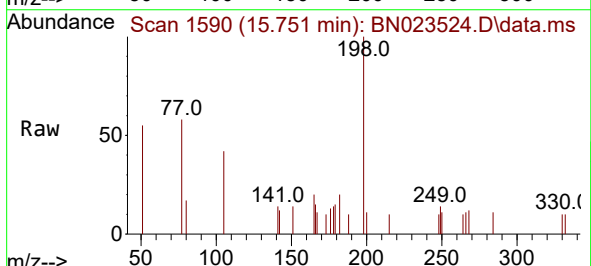
Manual Integrations

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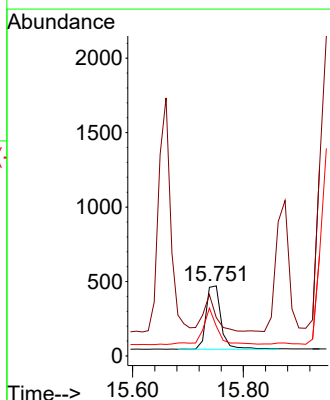
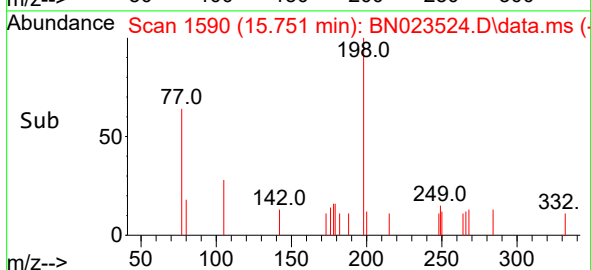
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

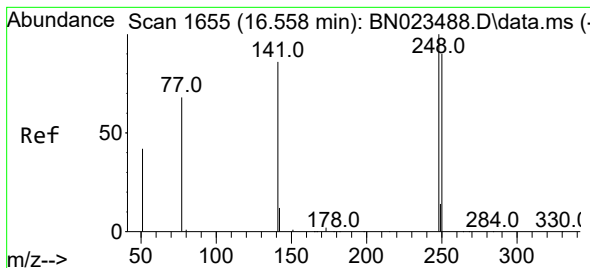


#20
4,6-Dinitro-2-methylphenol
Concen: 0.494 ng
RT: 15.751 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51



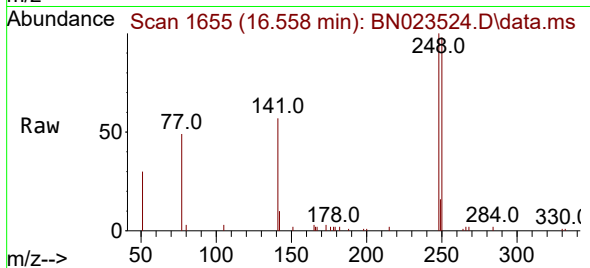
Tgt Ion:198 Resp: 773
Ion Ratio Lower Upper
198 100
51 54.8 48.2 72.4
105 42.5 41.0 61.4





#21
4-Bromophenyl-phenylether
Concen: 0.435 ng
RT: 16.558 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

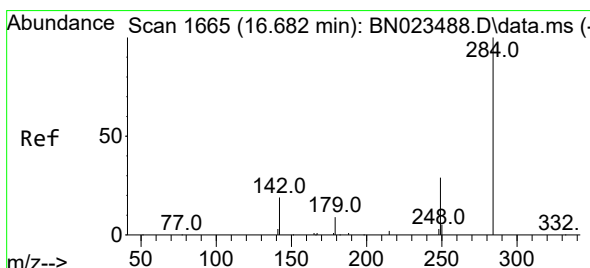
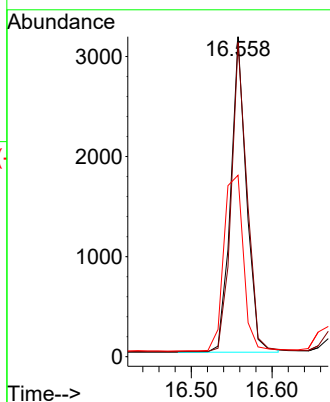
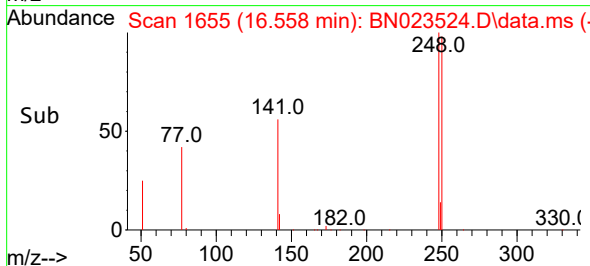
Instrument :
BNA_N
ClientSampleId :
PB149736BSD



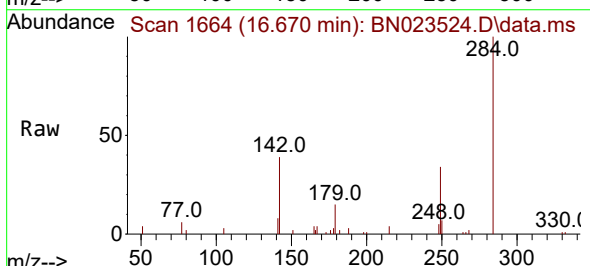
Tgt Ion:248 Resp: 4278
Ion Ratio Lower Upper
248 100
250 98.2 72.6 108.8
141 56.7 69.4 104.0

Manual Integrations
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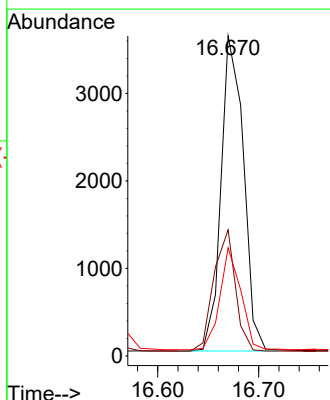
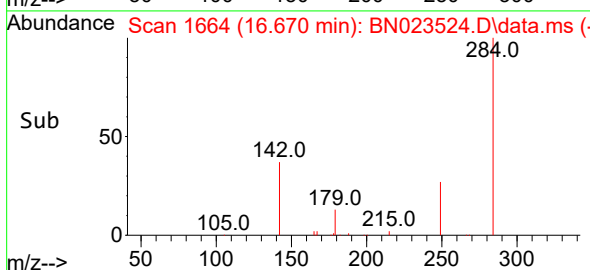
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

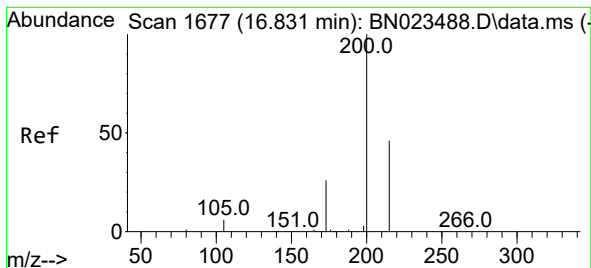


#22
Hexachlorobenzene
Concen: 0.469 ng
RT: 16.670 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51



Tgt Ion:284 Resp: 5557
Ion Ratio Lower Upper
284 100
142 37.0 29.0 43.6
249 30.1 24.5 36.7





#23

Atrazine

Concen: 0.365 ng

RT: 16.831 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

PB149736BSD

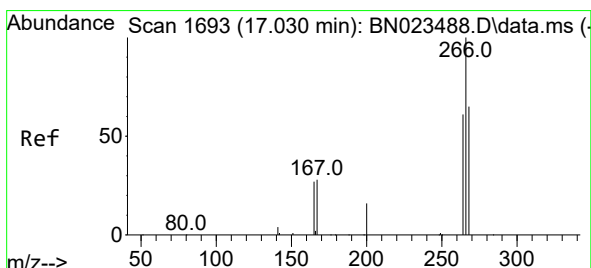
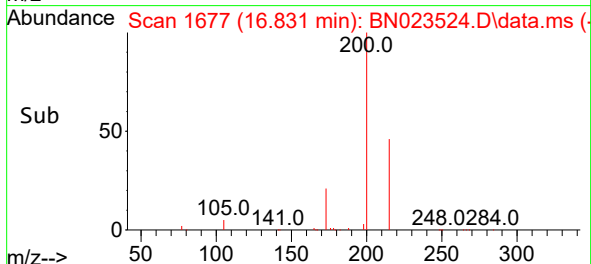
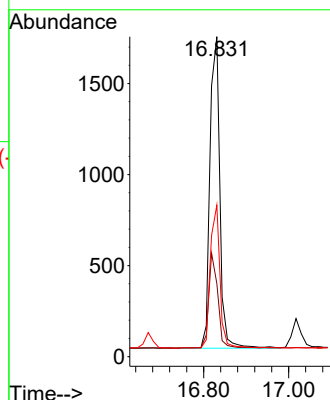
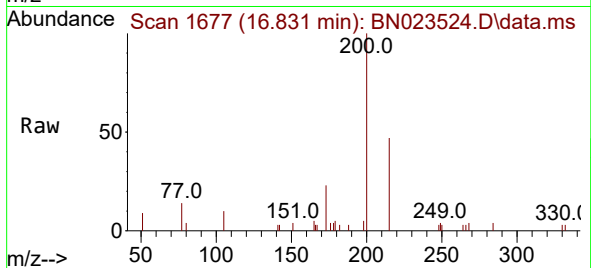
Tgt Ion:	200	Resp:	277
Ion Ratio	Lower	Upper	
200	100		
173	22.8	22.1	33.1
215	47.4	38.2	57.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Yogesh Patel 12/29/2022



#24

Pentachlorophenol

Concen: 0.405 ng

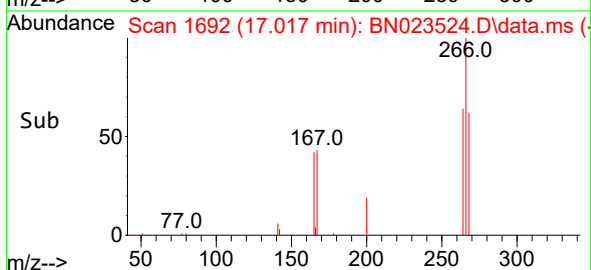
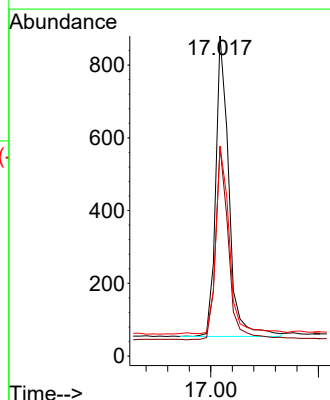
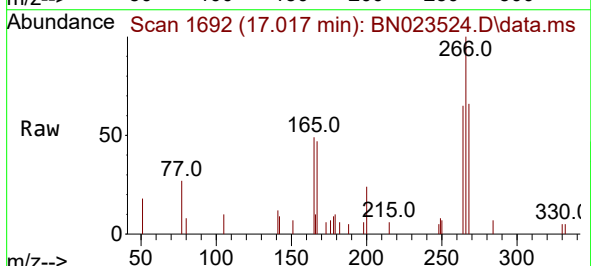
RT: 17.017 min Scan# 1692

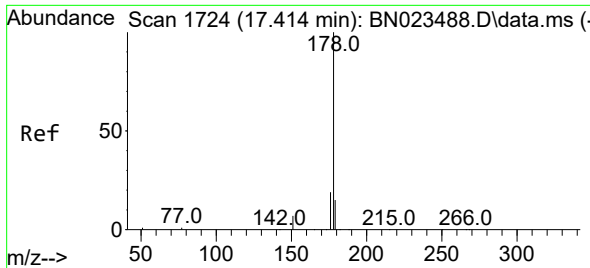
Delta R.T. -0.000 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

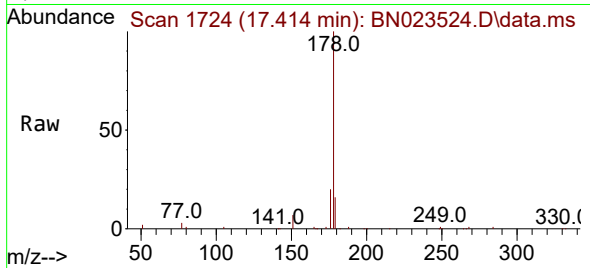
Tgt Ion:	266	Resp:	1400
Ion Ratio	Lower	Upper	
266	100		
264	63.4	49.7	74.5
268	63.3	51.4	77.0





#25
Phenanthrene
Concen: 0.431 ng
RT: 17.414 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

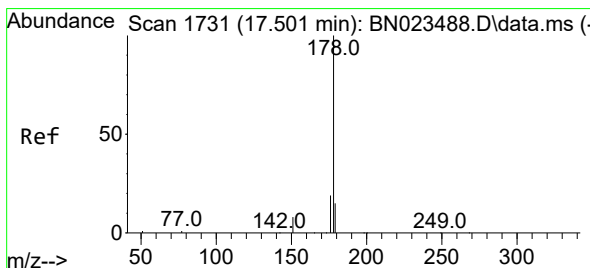
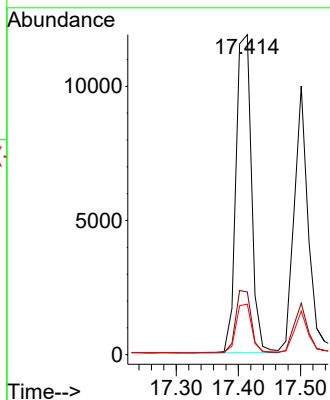
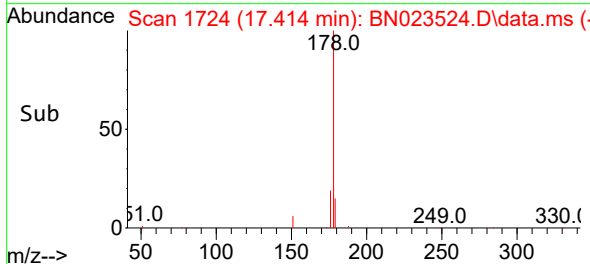
Instrument :
BNA_N
ClientSampleId :
PB149736BSD



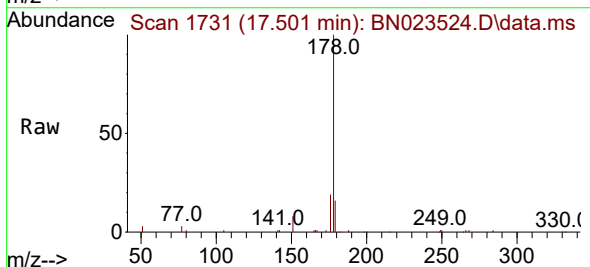
Tgt Ion:178 Resp: 2059
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.3 12.2 18.4

Manual Integrations
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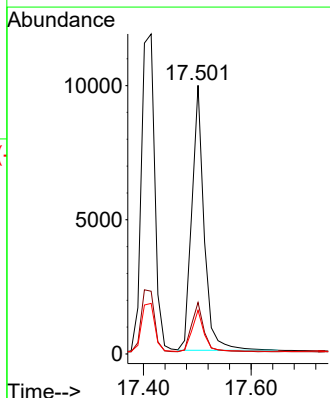
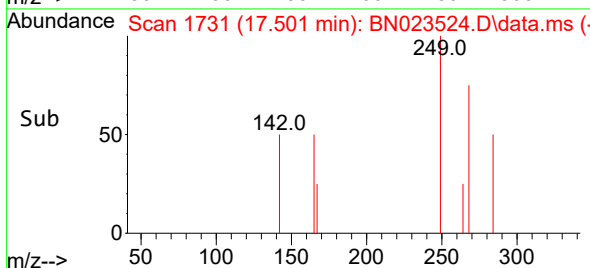
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

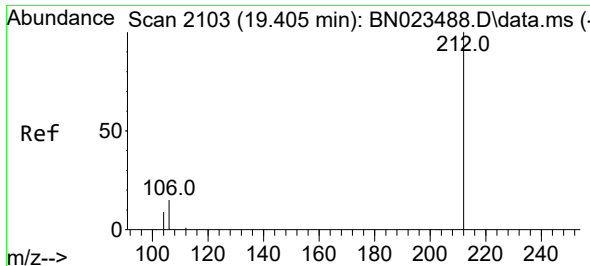


#26
Anthracene
Concen: 0.395 ng
RT: 17.501 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51



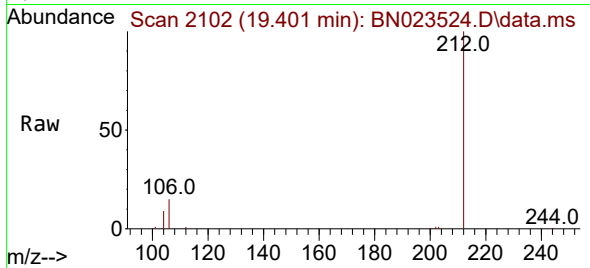
Tgt Ion:178 Resp: 15674
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.401 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

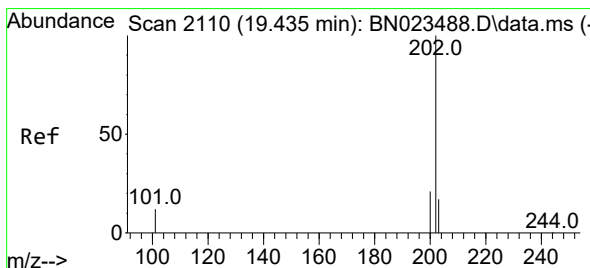
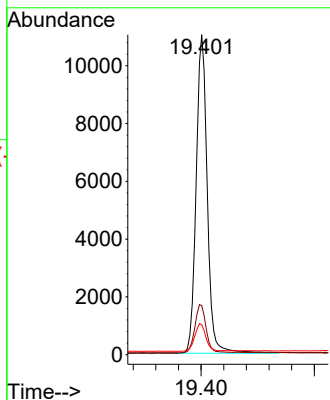
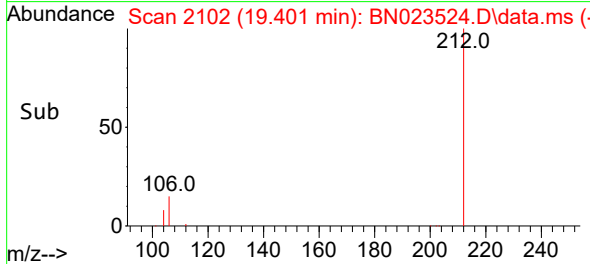
Instrument :
BNA_N
ClientSampleId :
PB149736BSD



Tgt Ion:212 Resp: 1508
Ion Ratio Lower Upper
212 100
106 15.2 12.3 18.5
104 8.7 6.8 10.2

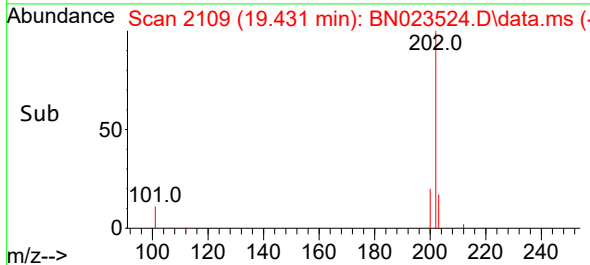
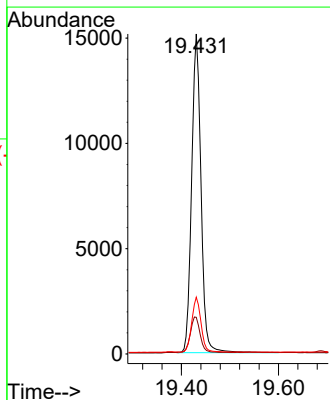
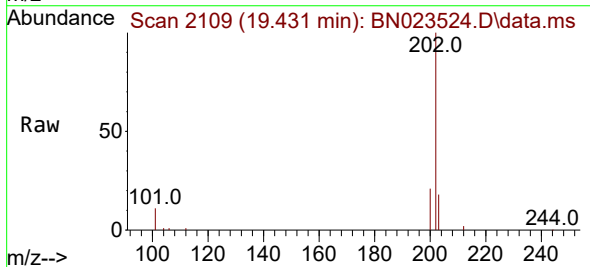
Manual Integrations
APPROVED

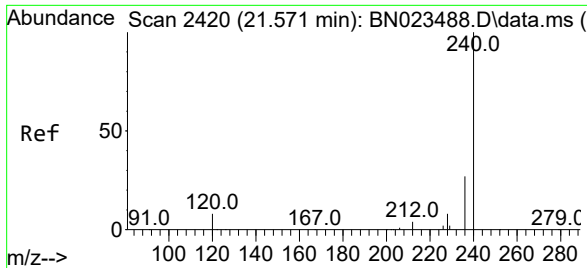
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022



#28
Fluoranthene
Concen: 0.378 ng
RT: 19.431 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Tgt Ion:202 Resp: 20262
Ion Ratio Lower Upper
202 100
101 11.6 9.6 14.4
203 17.0 13.8 20.8





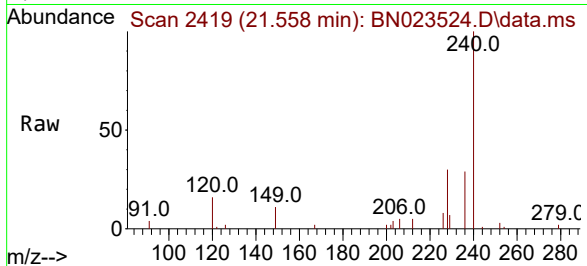
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.558 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

PB149736BSD

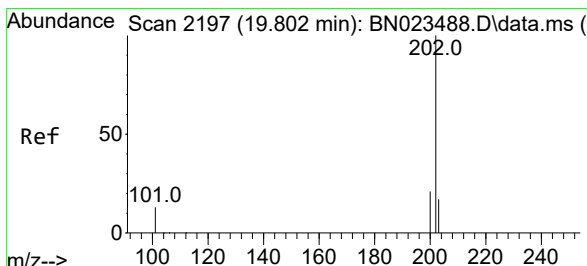
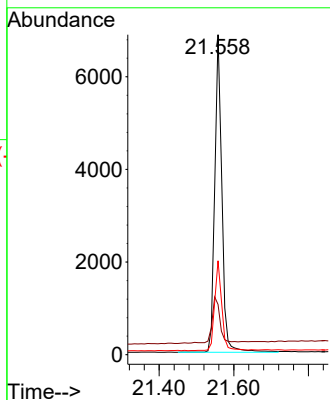
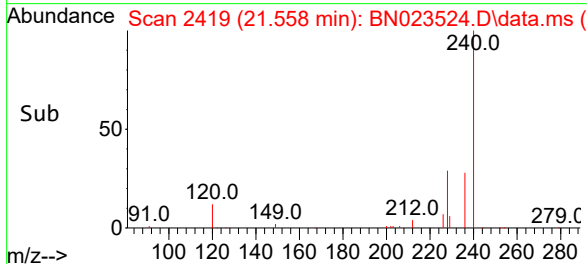


Tgt Ion:240 Resp: 904
Ion Ratio Lower Upper
240 100
120 15.7 8.9 13.3
236 29.3 22.5 33.7

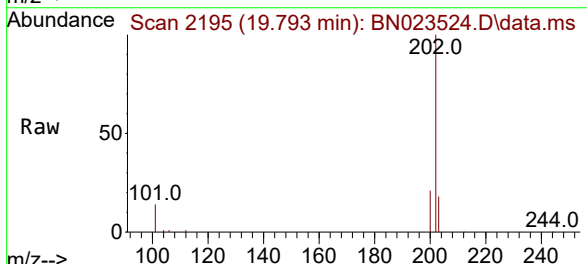
Manual Integrations

APPROVED

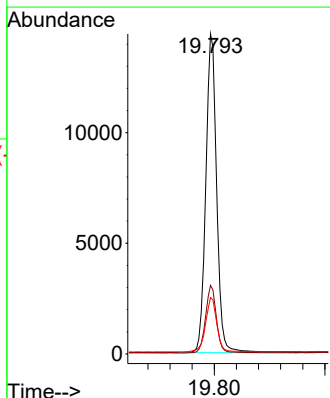
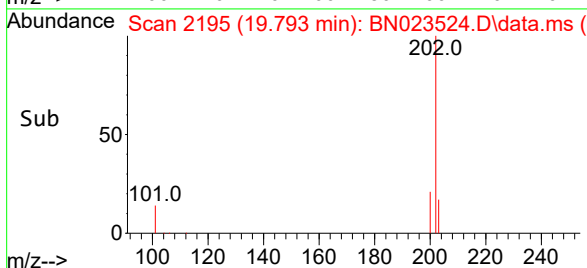
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

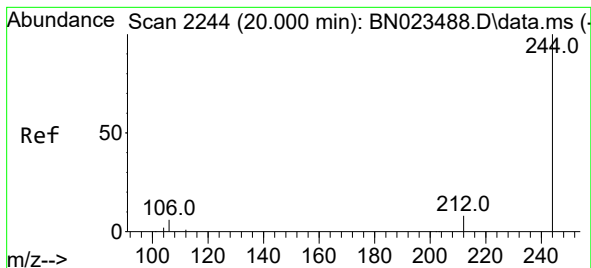


#30
Pyrene
Concen: 0.582 ng
RT: 19.793 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51



Tgt Ion:202 Resp: 19658
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.4 21.6





#31

Terphenyl-d14

Concen: 0.668 ng

RT: 19.996 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

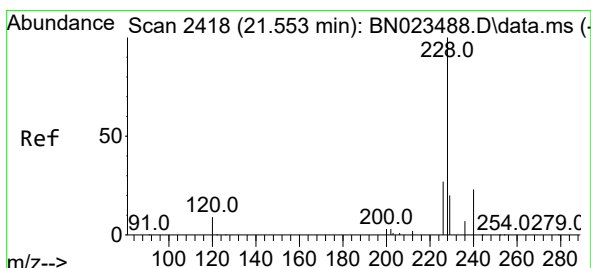
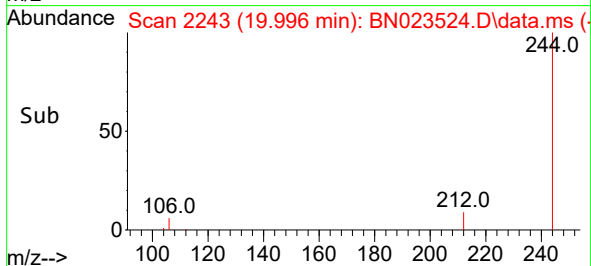
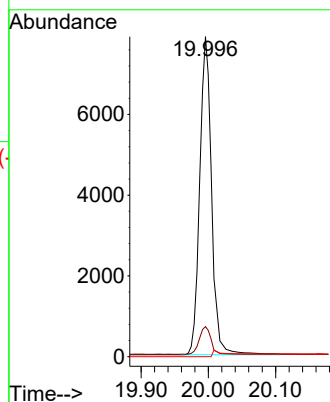
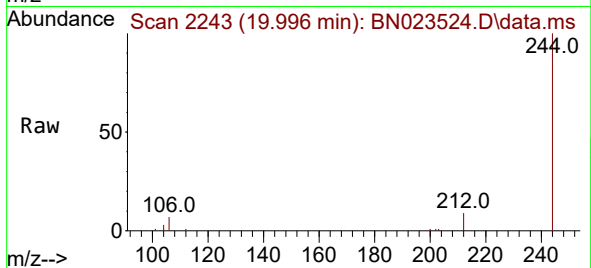
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Tgt Ion:244	Resp:	1409
Ion Ratio	Lower	Upper
244	100	
212	9.4	7.4 11.0
122	0.0	0.0 0.0

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Supervised By :Yogesh Patel 12/29/2022



#32

Benzo(a)anthracene

Concen: 0.420 ng

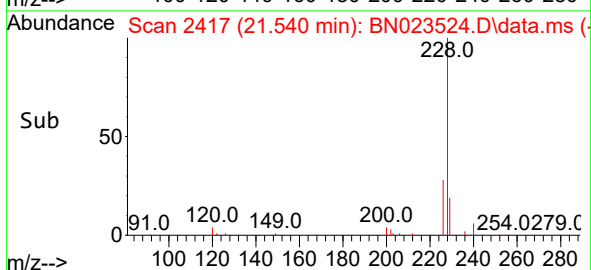
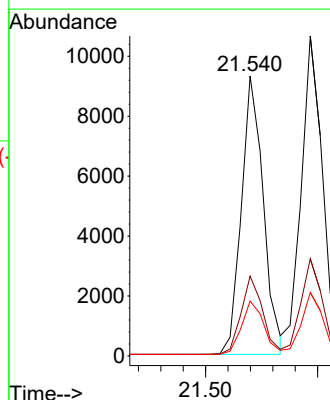
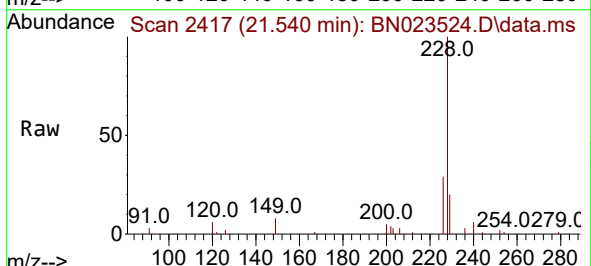
RT: 21.540 min Scan# 2417

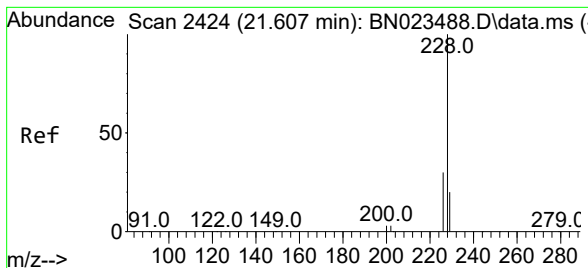
Delta R.T. -0.005 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

Tgt Ion:228	Resp:	12665
Ion Ratio	Lower	Upper
228	100	
226	28.5	21.8 32.8
229	19.6	16.0 24.0





#33

Chrysene

Concen: 0.463 ng

RT: 21.593 min Scan# 2423

Delta R.T. -0.005 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

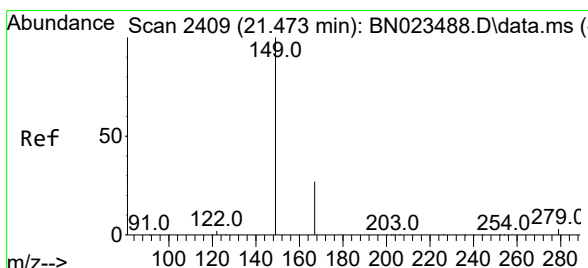
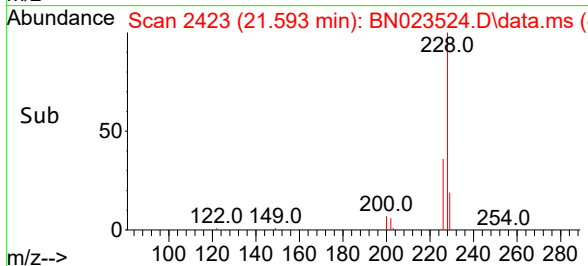
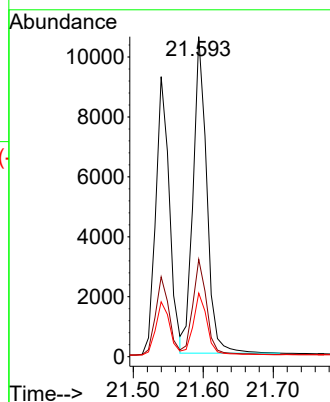
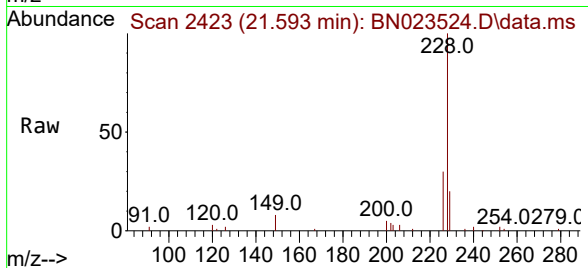
PB149736BSD

Tgt Ion:228	Resp: 14319
Ion Ratio	Lower Upper
228 100	
226 30.4	24.1 36.1
229 19.9	16.0 24.0

Manual Integrations

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Supervised By :Yogesh Patel 12/29/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.385 ng

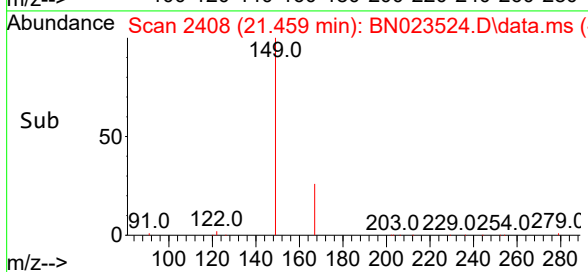
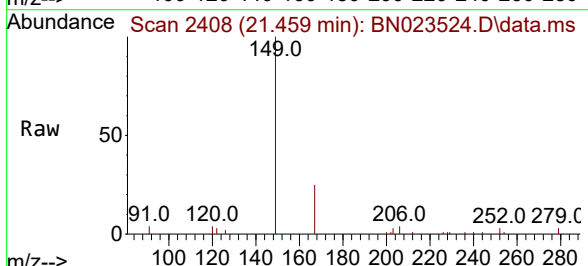
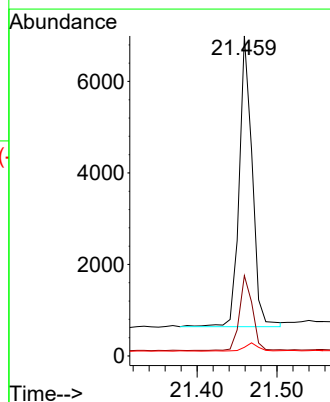
RT: 21.459 min Scan# 2408

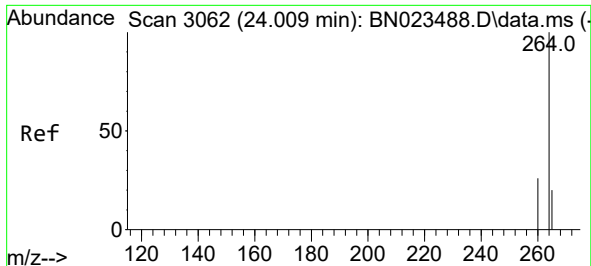
Delta R.T. -0.005 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

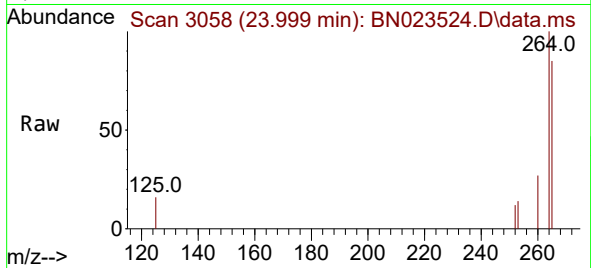
Tgt Ion:149	Resp: 7141
Ion Ratio	Lower Upper
149 100	
167 25.8	21.0 31.6
279 3.0	2.2 3.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.999 min Scan# 3062
Delta R.T. -0.002 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

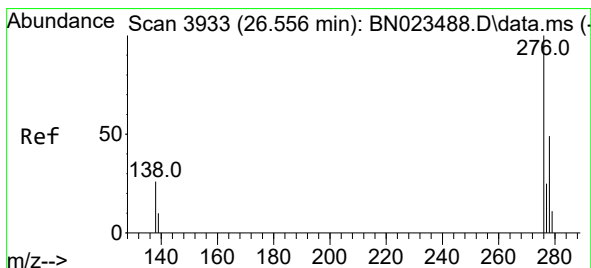
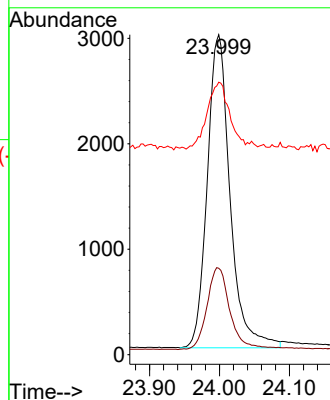
Instrument :
BNA_N
ClientSampleId :
PB149736BSD



Tgt Ion:264 Resp: 671
Ion Ratio Lower Upper
264 100
260 27.0 21.1 31.7
265 85.2 48.9 73.3

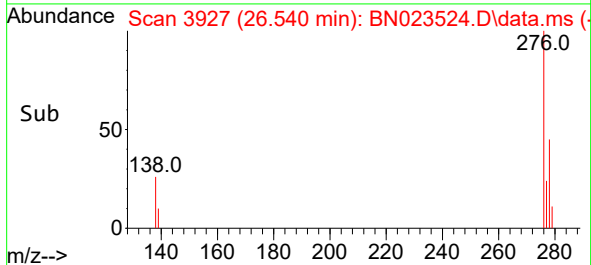
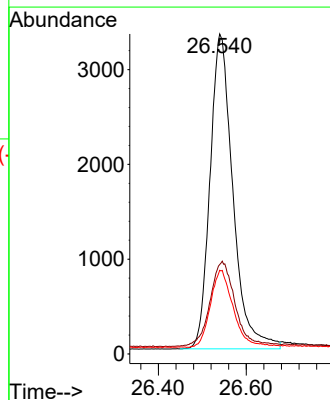
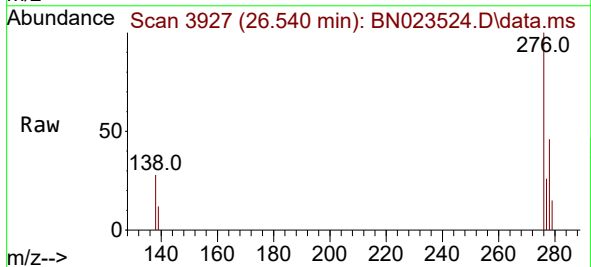
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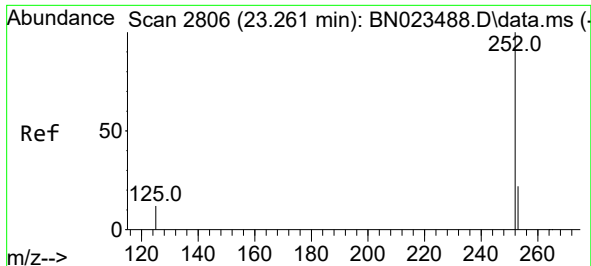
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.479 ng
RT: 26.540 min Scan# 3927
Delta R.T. -0.005 min
Lab File: BN023524.D
Acq: 28 Dec 2022 15:51

Tgt Ion:276 Resp: 12009
Ion Ratio Lower Upper
276 100
138 28.8 23.0 34.6
277 24.5 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.459 ng

RT: 23.250 min Scan# 2802

Delta R.T. -0.002 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

PB149736BSD

Tgt Ion:252 Resp: 11838

Ion Ratio Lower Upper

252 100

253 26.3 20.7 31.1

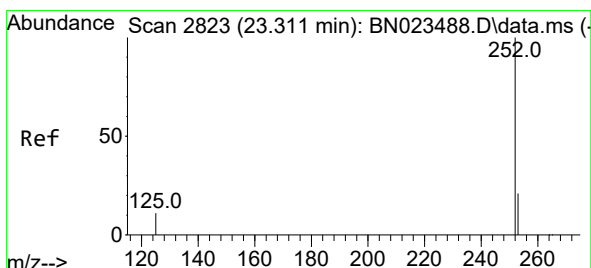
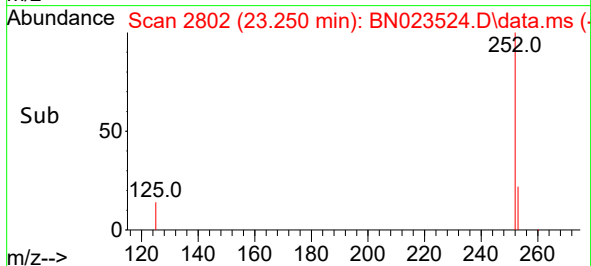
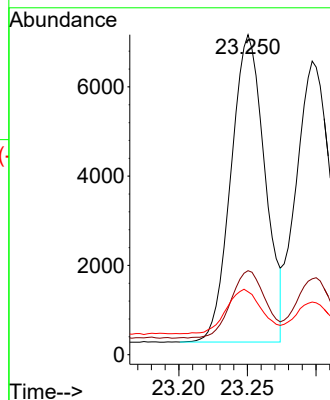
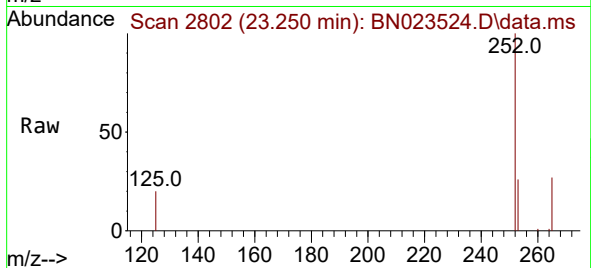
125 19.7 13.4 20.2

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#38

Benzo(k)fluoranthene

Concen: 0.445 ng

RT: 23.297 min Scan# 2818

Delta R.T. -0.002 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

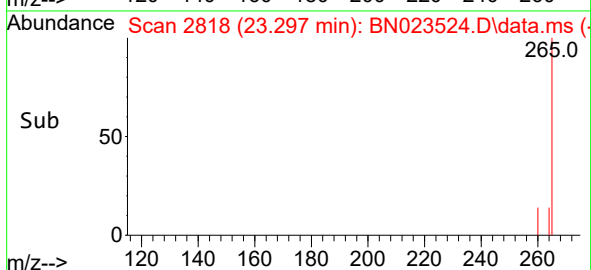
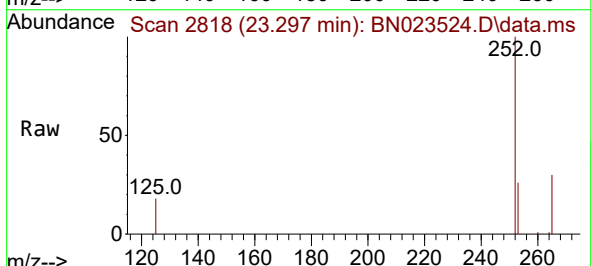
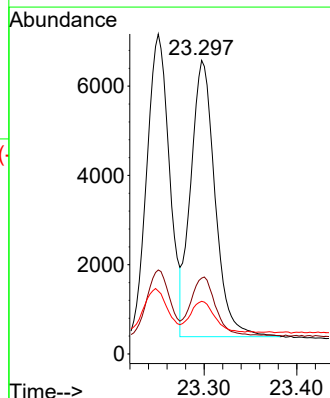
Tgt Ion:252 Resp: 11286

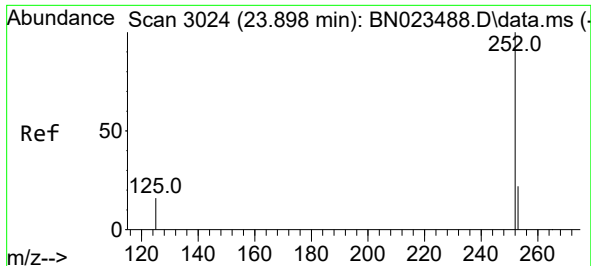
Ion Ratio Lower Upper

252 100

253 25.8 20.2 30.4

125 18.0 13.0 19.6





#39

Benzo(a)pyrene

Concen: 0.448 ng

RT: 23.888 min Scan# 3024

Delta R.T. -0.002 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

PB149736BSD

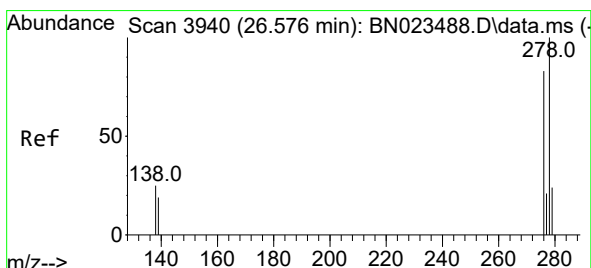
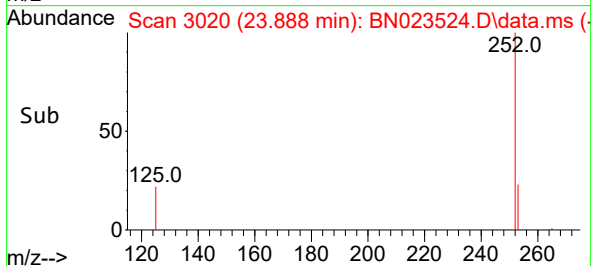
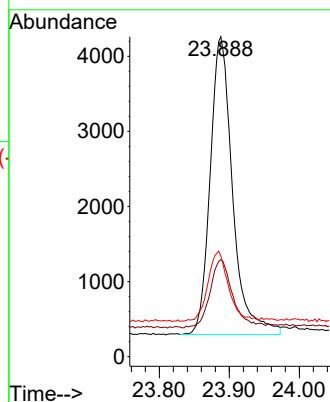
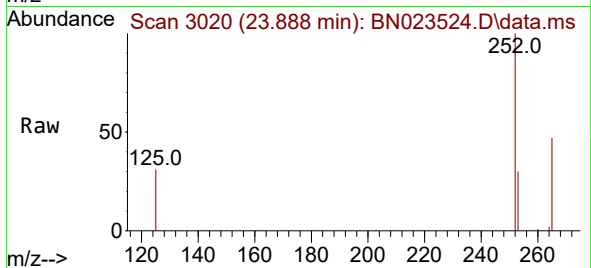
Tgt Ion:252	Resp:	8829
Ion Ratio	Lower	Upper
252	100	
253	30.3	22.3 33.5
125	31.5	18.7 28.1

Manual Integrations

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Supervised By :Yogesh Patel 12/29/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.459 ng

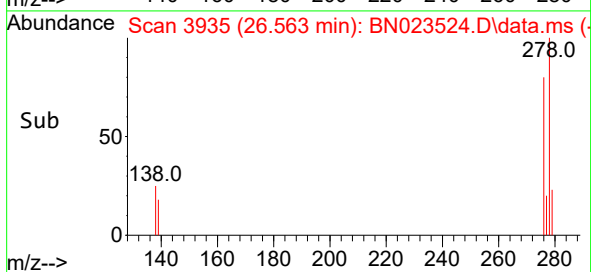
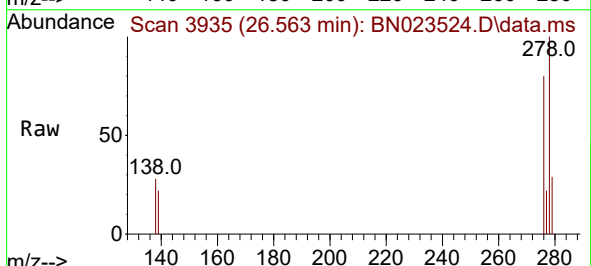
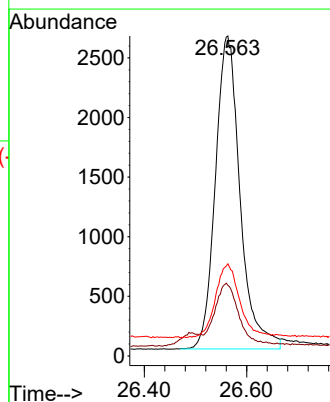
RT: 26.563 min Scan# 3935

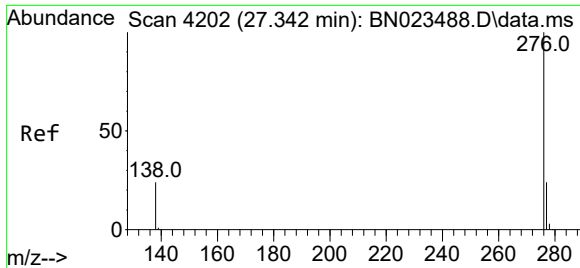
Delta R.T. 0.001 min

Lab File: BN023524.D

Acq: 28 Dec 2022 15:51

Tgt Ion:278	Resp:	8783
Ion Ratio	Lower	Upper
278	100	
139	22.1	17.7 26.5
279	28.8	22.2 33.2





#41

Benzo(g,h,i)perylene

Concen: 0.486 ng

RT: 27.326 min Scan# 41

Delta R.T. 0.001 min

Lab File: BN023524.D

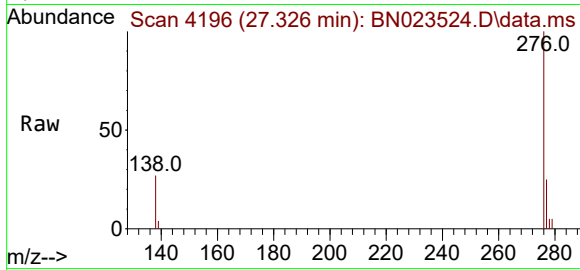
Acq: 28 Dec 2022 15:51

Instrument :

BNA_N

ClientSampleId :

PB149736BSD



Tgt Ion:276 Resp: 1074

Ion Ratio Lower Upper

276 100

277 25.3 20.0 30.0

138 27.0 20.6 31.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Yogesh Patel 12/29/2022

