

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023148.D
 Acq On : 13 Dec 2022 00:45
 Operator : CG/JU
 Sample : PB149552BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB149552BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 13 05:47:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	8890	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	26346	0.400	ng	# 0.00
13) Acenaphthene-d10	14.655	164	13721	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	29147	0.400	ng	# 0.00
29) Chrysene-d12	21.589	240	23636	0.400	ng	0.00
35) Perylene-d12	24.044	264	19376	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.550	112	6667	0.403	ng	0.00
5) Phenol-d6	7.168	99	8354	0.397	ng	0.00
8) Nitrobenzene-d5	9.174	82	6788	0.391	ng	-0.01
11) 2-Methylnaphthalene-d10	12.420	152	17610	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1942	0.390	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	22080	0.403	ng	0.00
27) Fluoranthene-d10	19.431	212	26879	0.394	ng	0.00
31) Terphenyl-d14	20.022	244	13422	0.350	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.398	88	3426m	0.390	ng	
3) n-Nitrosodimethylamine	3.730	42	3521	0.409	ng	# 98
6) bis(2-Chloroethyl)ether	7.435	93	9643	0.403	ng	98
9) Naphthalene	10.882	128	26409	0.394	ng	100
10) Hexachlorobutadiene	11.171	225	5225	0.408	ng	# 100
12) 2-Methylnaphthalene	12.113	142	4051	0.405	ng	97
16) Acenaphthylene	14.377	152	20448	0.370	ng	100
17) Acenaphthene	14.720	154	15520	0.382	ng	98
18) Fluorene	15.703	166	18235	0.401	ng	100
20) 4,6-Dinitro-2-methylph...	15.776	198	1039	0.413	ng	88
21) 4-Bromophenyl-phenylether	16.595	248	6173	0.397	ng	# 80
22) Hexachlorobenzene	16.707	284	8070	0.396	ng	99
23) Atrazine	16.856	200	3874	0.353	ng	# 94
24) Pentachlorophenol	17.054	266	2097	0.296	ng	99
25) Phenanthrene	17.439	178	32928	0.379	ng	100
26) Anthracene	17.538	178	25244	0.365	ng	100
28) Fluoranthene	19.460	202	34713	0.373	ng	99
30) Pyrene	19.827	202	34178	0.395	ng	100
32) Benzo(a)anthracene	21.571	228	29117	0.382	ng	100
33) Chrysene	21.625	228	33816	0.395	ng	100
34) Bis(2-ethylhexyl)phtha...	21.491	149	11633	0.361	ng	99
36) Indeno(1,2,3-cd)pyrene	26.611	276	35534	0.409	ng	98
37) Benzo(b)fluoranthene	23.293	252	31998m	0.398	ng	
38) Benzo(k)fluoranthene	23.340	252	30926	0.379	ng	100
39) Benzo(a)pyrene	23.936	252	25411	0.422	ng	# 90
40) Dibenzo(a,h)anthracene	26.635	278	27135	0.389	ng	99
41) Benzo(g,h,i)perylene	27.404	276	27001	0.363	ng	98

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

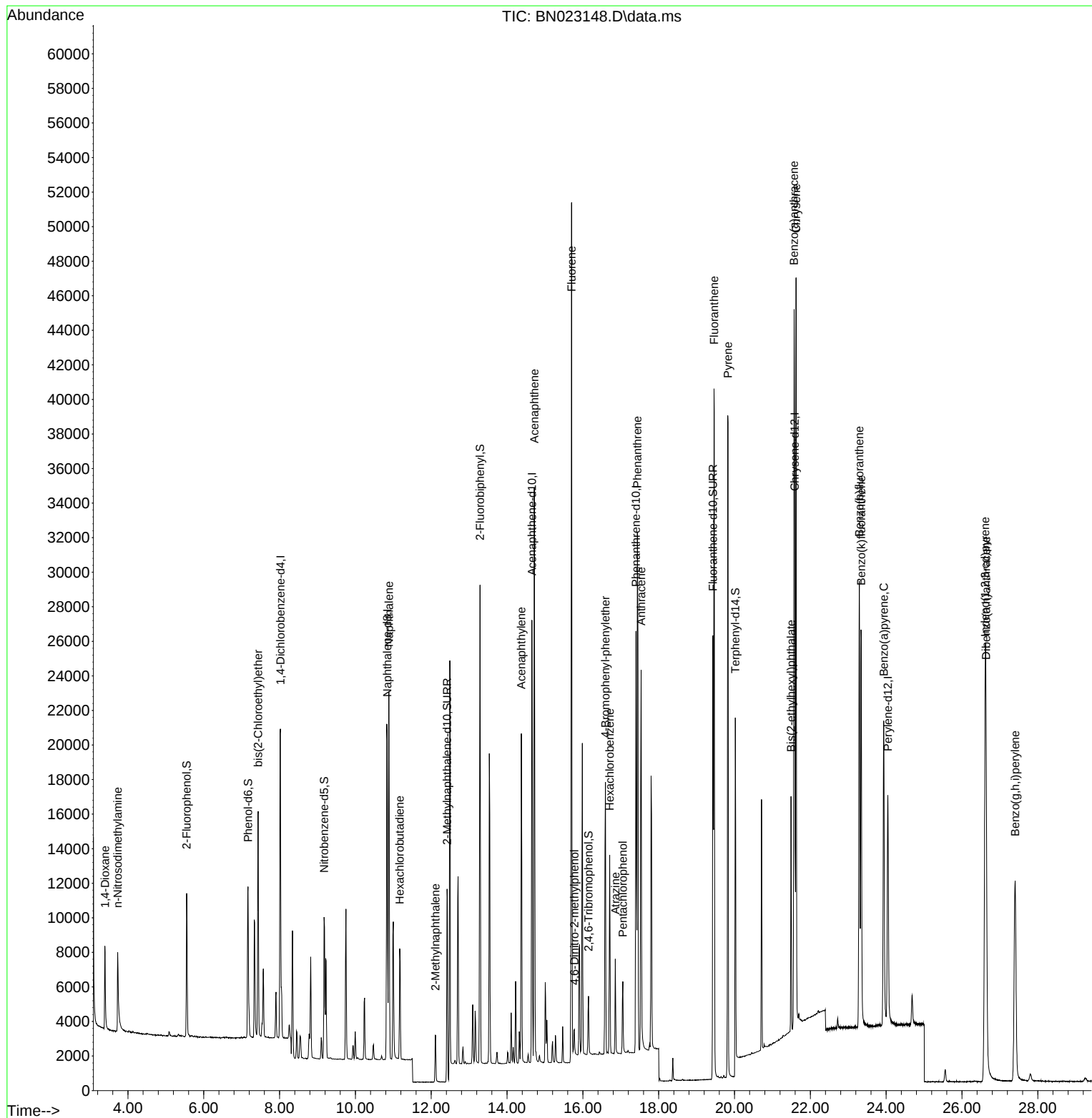
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
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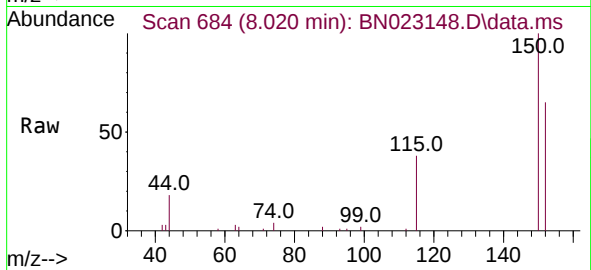
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 684
 Delta R.T. -0.001 min
 Lab File: BN023148.D
 Acq: 13 Dec 2022 00:45

Instrument :

BNA_N

ClientSampleId :

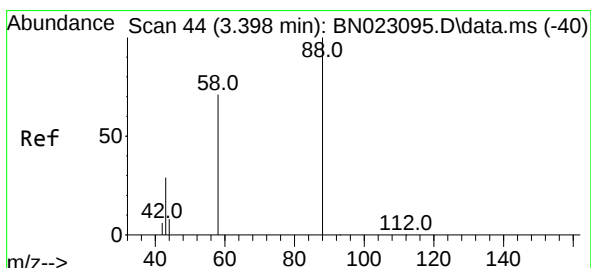
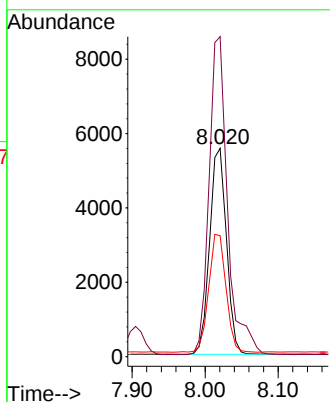
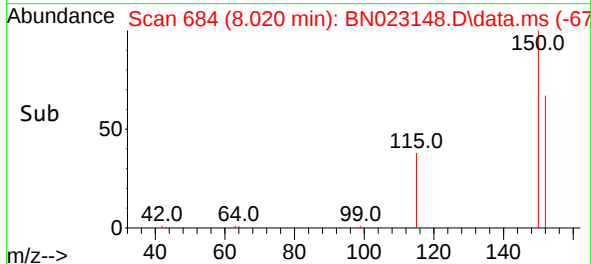
PB149552BS



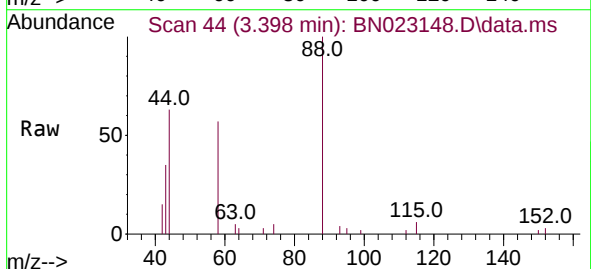
Tgt Ion: 152 Resp: 8890
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.6 188.4
 115 58.1 49.0 73.4

Manual Integrations
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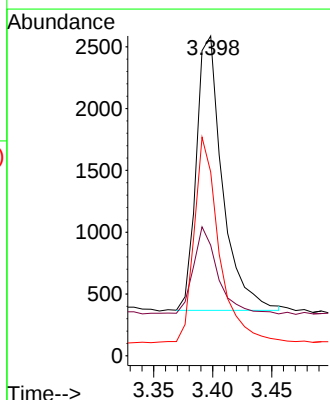
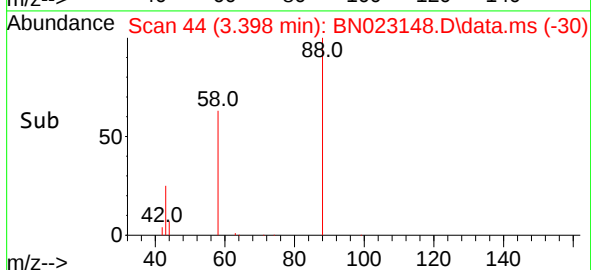
Reviewed By : Christian Giraldo 12/13/2022
 Supervised By : mohammad ahmed 12/14/2022



#2
 1,4-Dioxane
 Concen: 0.390 ng m
 RT: 3.398 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BN023148.D
 Acq: 13 Dec 2022 00:45



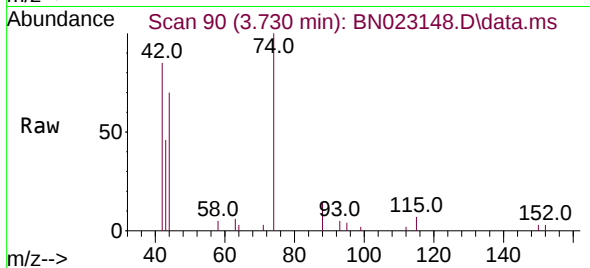
Tgt Ion: 88 Resp: 3426
 Ion Ratio Lower Upper
 88 100
 43 29.4 23.3 34.9
 58 72.1 58.0 87.0





#3
n-Nitrosodimethylamine
Concen: 0.409 ng
RT: 3.730 min Scan# 90
Delta R.T. -0.007 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

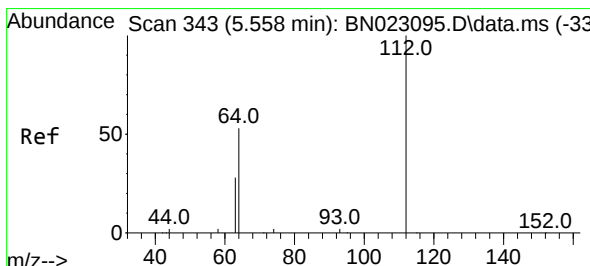
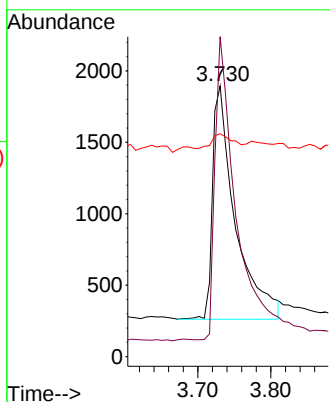
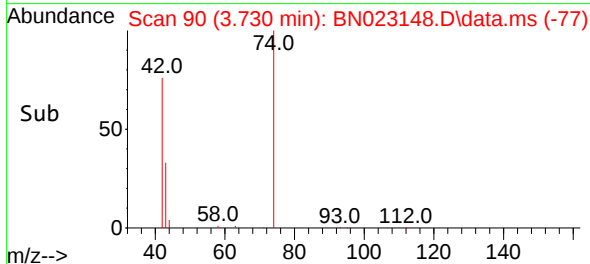
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ClientSampleId :
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Tgt Ion: 42 Resp: 352
Ion Ratio Lower Upper
42 100
74 121.3 95.8 143.6
44 6.0 8.4 12.6

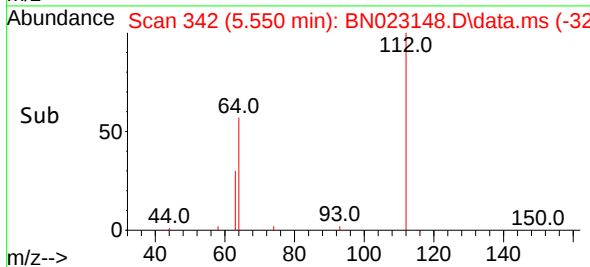
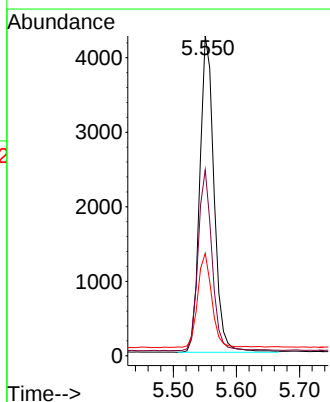
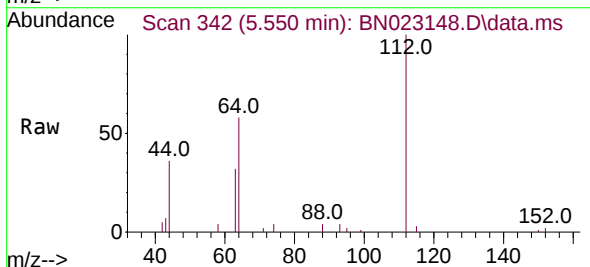
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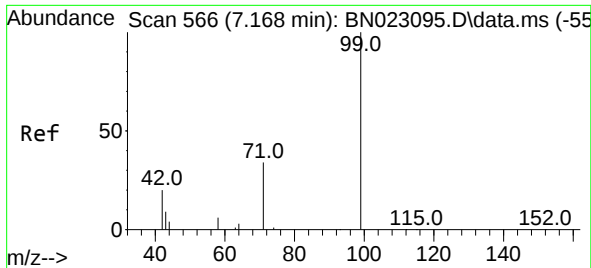
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.550 min Scan# 342
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

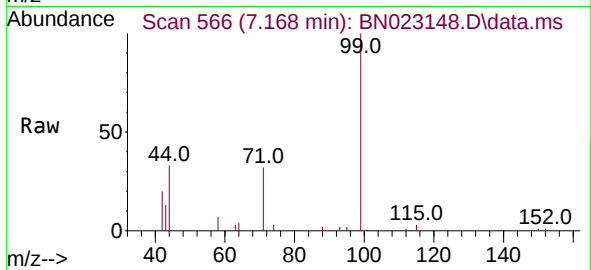
Tgt Ion:112 Resp: 6667
Ion Ratio Lower Upper
112 100
64 55.7 44.4 66.6
63 29.6 23.7 35.5





#5
Phenol-d6
Concen: 0.397 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

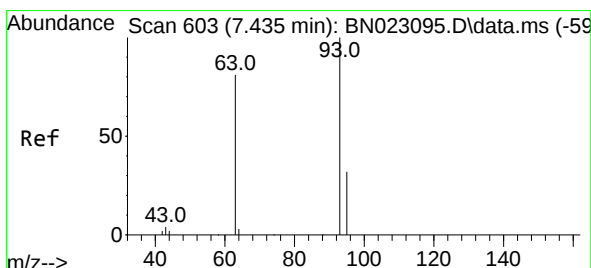
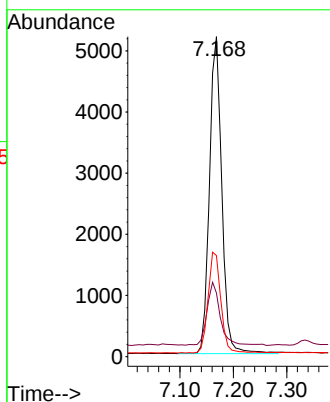
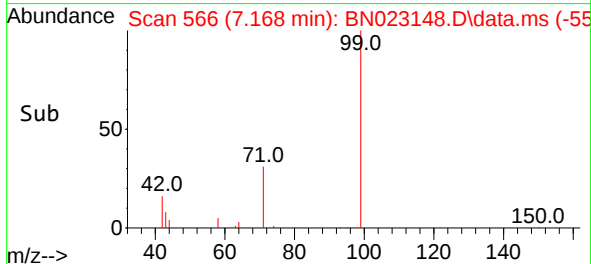
Instrument :
BNA_N
ClientSampleId :
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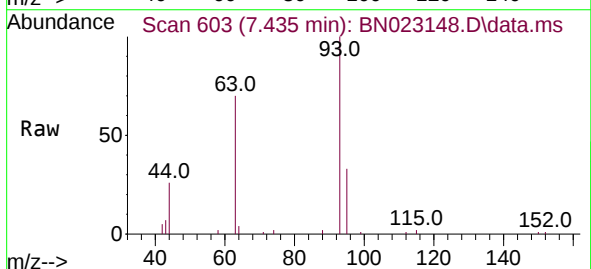
Tgt Ion: 99 Resp: 8354
Ion Ratio Lower Upper
99 100
42 21.3 16.3 24.5
71 32.9 26.5 39.7

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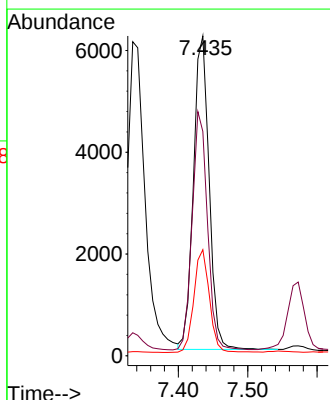
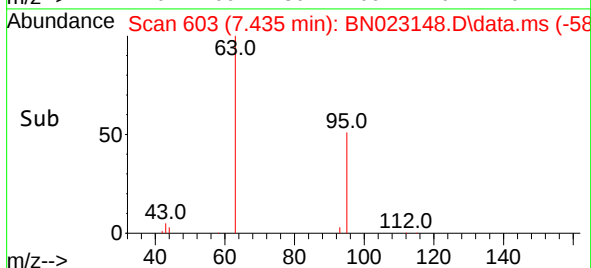
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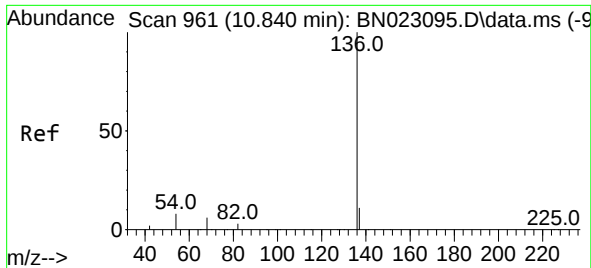


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.435 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45



Tgt Ion: 93 Resp: 9643
Ion Ratio Lower Upper
93 100
63 74.4 58.1 87.1
95 32.5 25.2 37.8





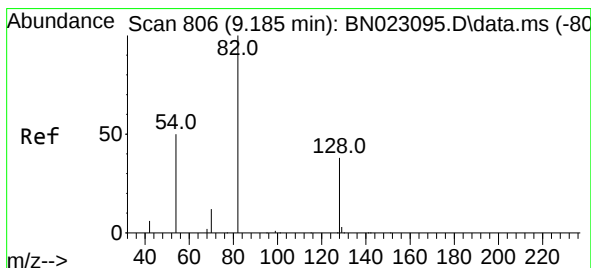
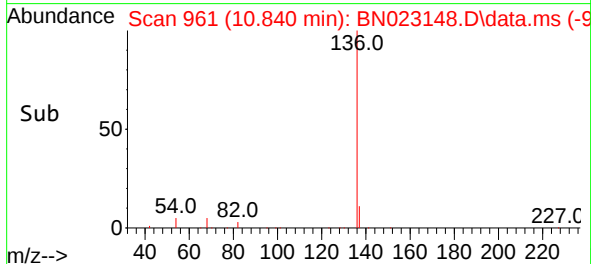
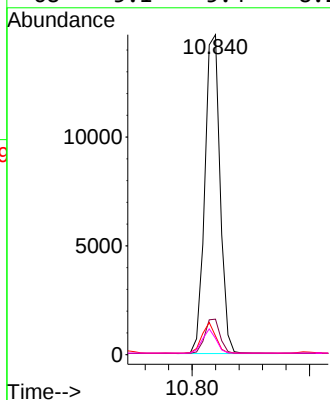
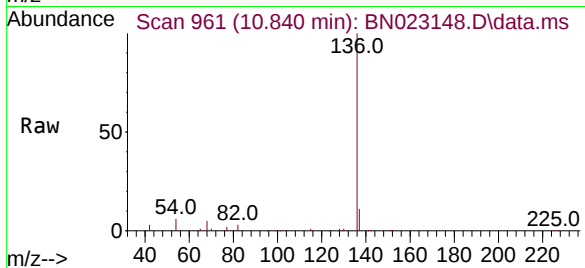
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

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ClientSampleId :
PB149552BS

Tgt Ion:	136	Resp:	26340
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	5.8	6.5	9.7
68	5.1	5.4	8.2

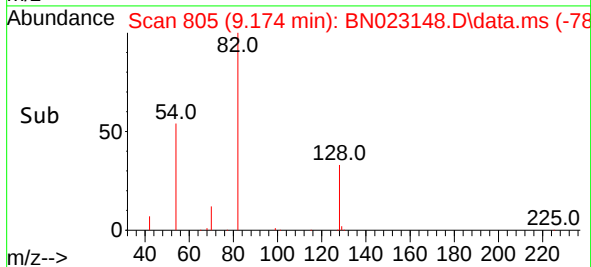
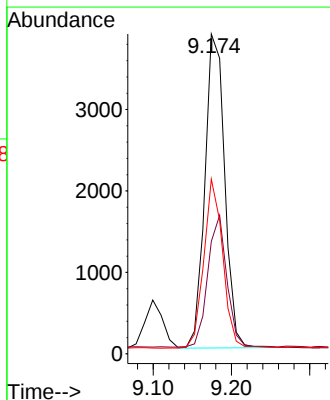
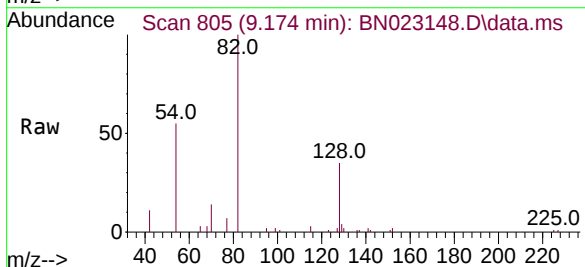
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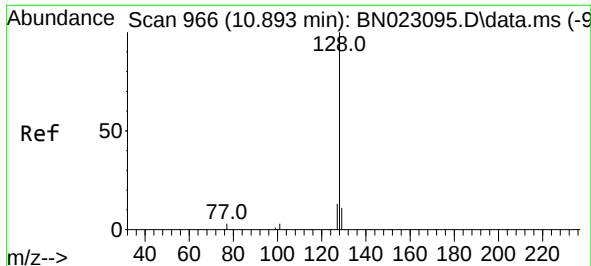
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 9.174 min Scan# 805
Delta R.T. -0.011 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:	82	Resp:	6788
Ion Ratio	Lower	Upper	
82	100		
128	35.1	31.4	47.2
54	54.6	41.0	61.4





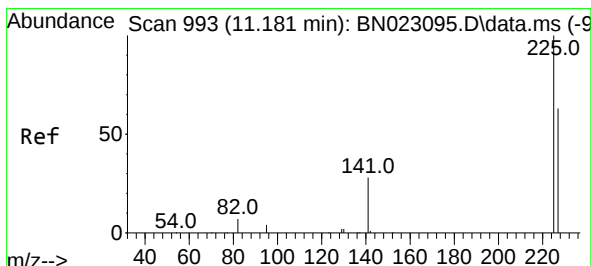
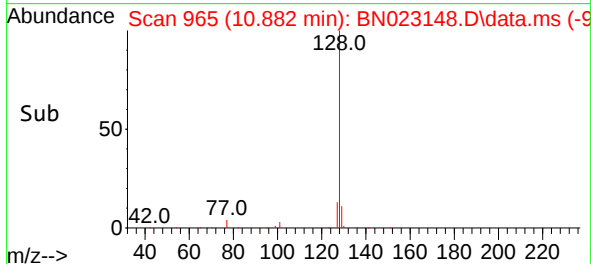
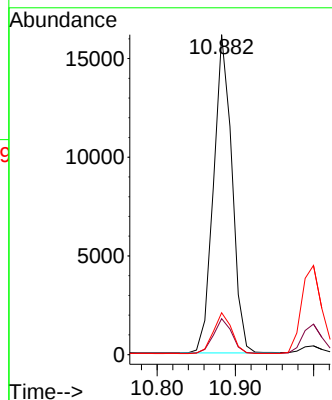
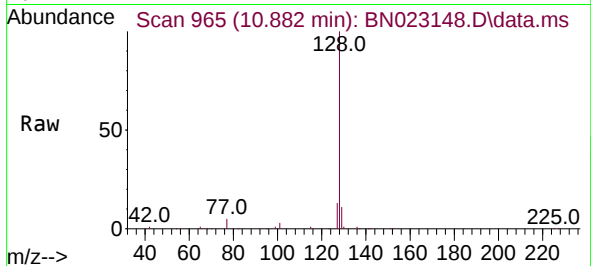
#9
Naphthalene
Concen: 0.394 ng
RT: 10.882 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:128 Resp: 26409
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.5 15.7

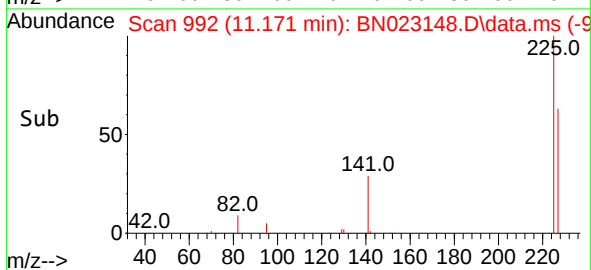
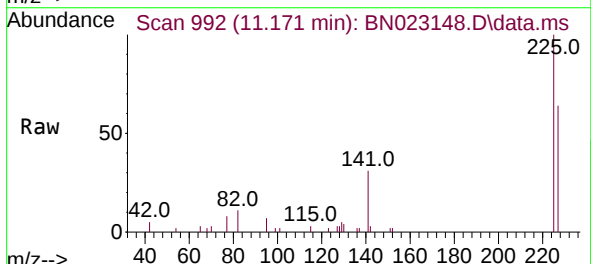
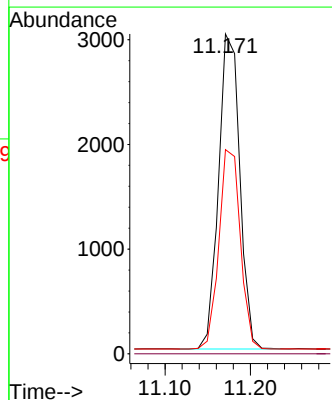
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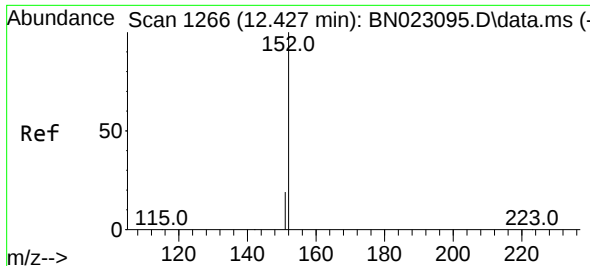
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.171 min Scan# 992
Delta R.T. -0.011 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

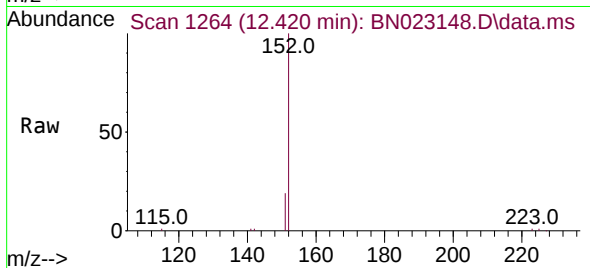
Tgt Ion:225 Resp: 5225
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.1 76.7





#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.420 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

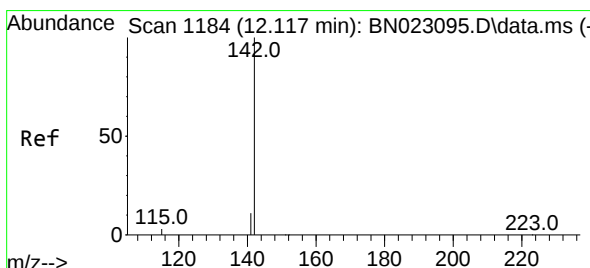
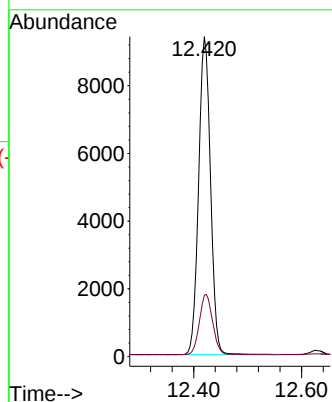
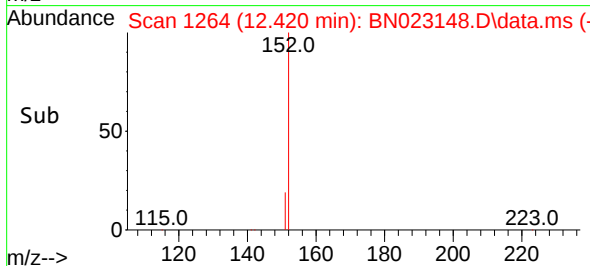
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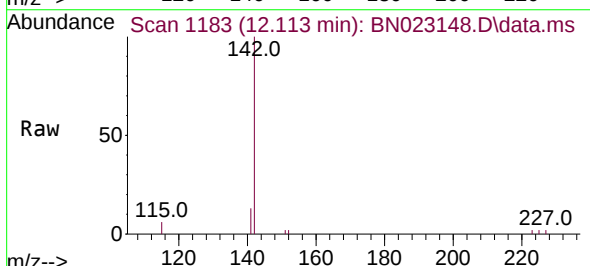
Tgt Ion:152 Resp: 17610
Ion Ratio Lower Upper
152 100
151 17.2 15.1 22.7

Manual Integrations
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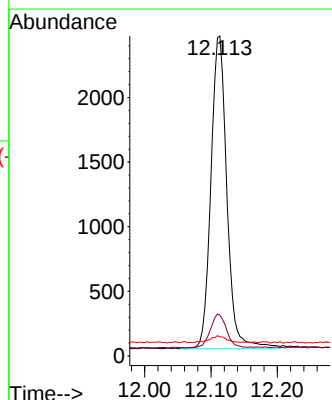
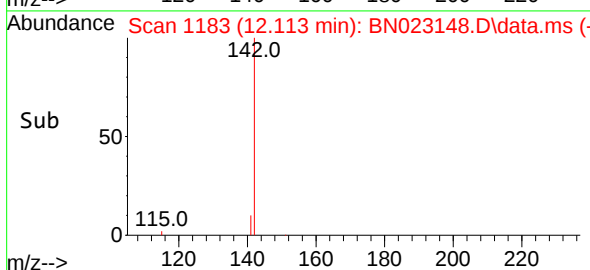
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022

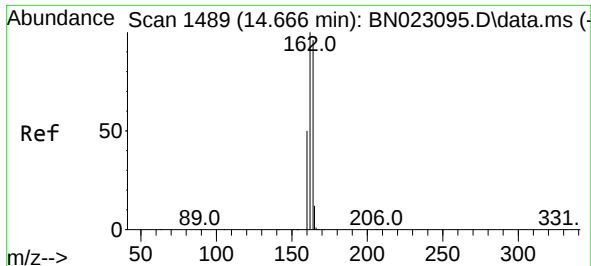


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.113 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45



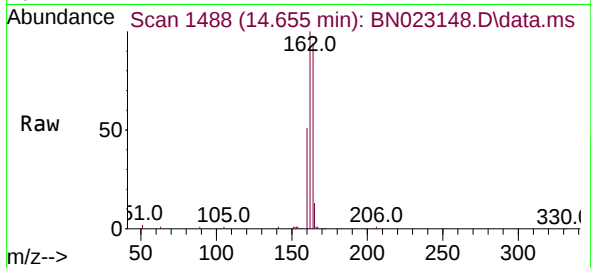
Tgt Ion:142 Resp: 4051
Ion Ratio Lower Upper
142 100
141 12.7 10.9 16.3
115 5.9 5.7 8.5





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

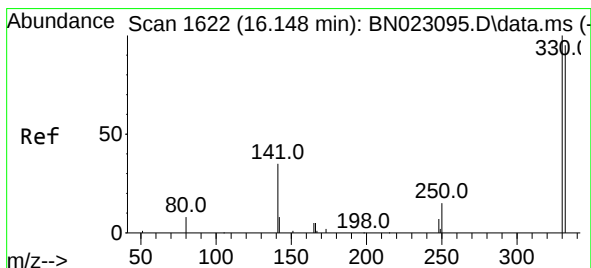
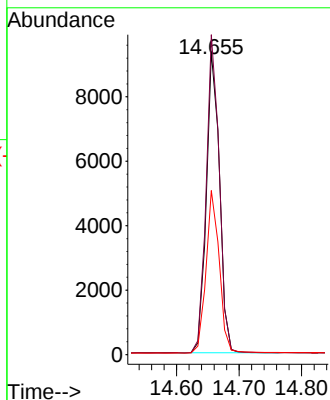
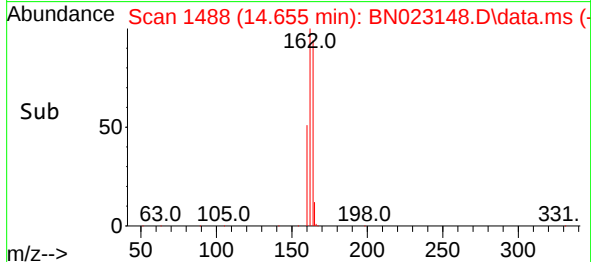
Instrument :
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PB149552BS



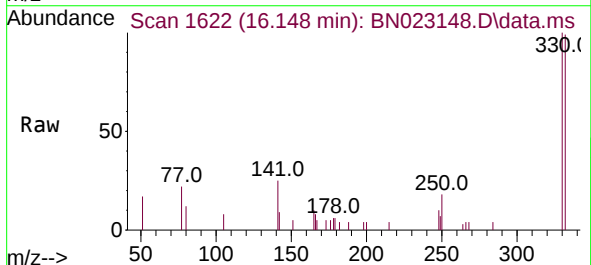
Tgt Ion:164 Resp: 1372
Ion Ratio Lower Upper
164 100
162 106.0 83.4 125.0
160 54.3 41.8 62.8

Manual Integrations
APPROVED

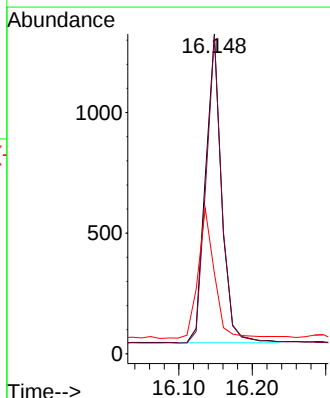
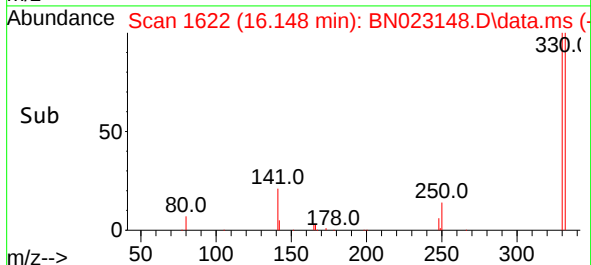
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022

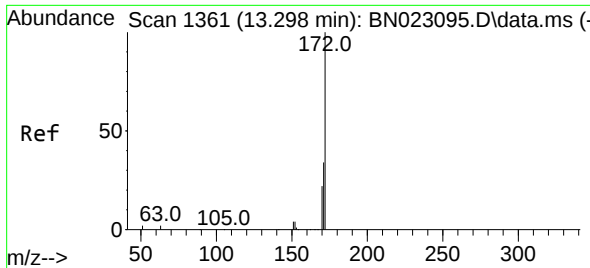


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45



Tgt Ion:330 Resp: 1942
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 43.6 33.5 50.3





#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.287 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :

BNA_N

ClientSampleId :

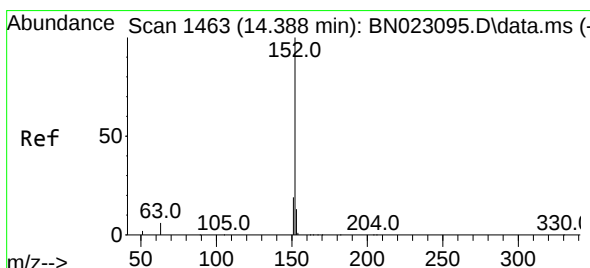
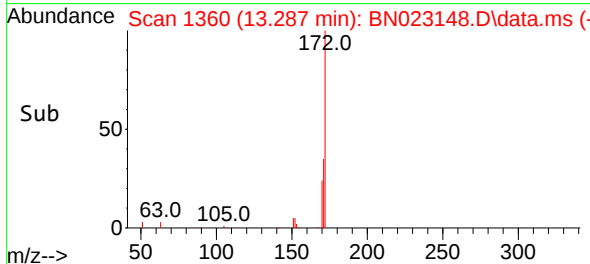
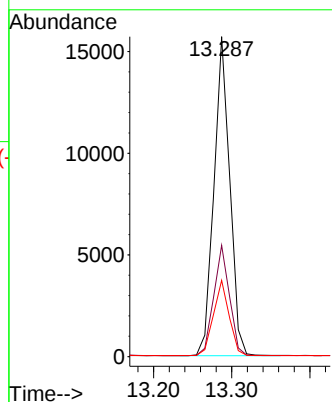
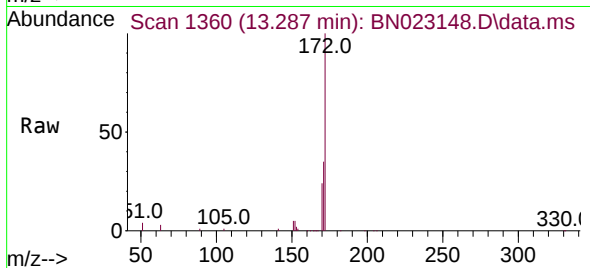
PB149552BS

Tgt Ion:172 Resp: 22080
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.8 17.9 26.9

Manual Integrations

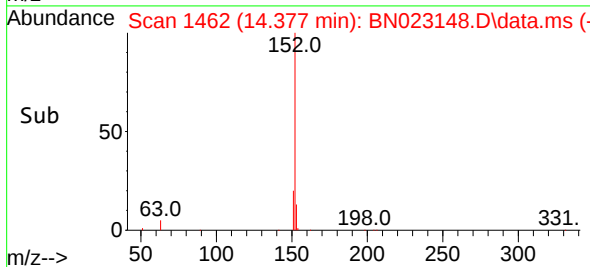
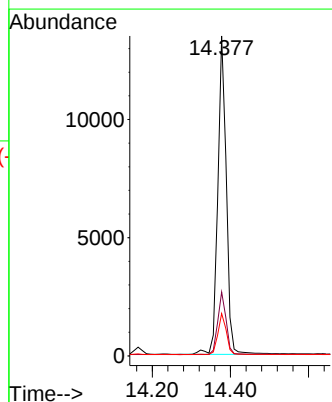
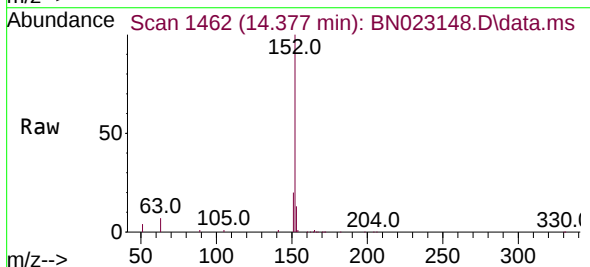
APPROVED

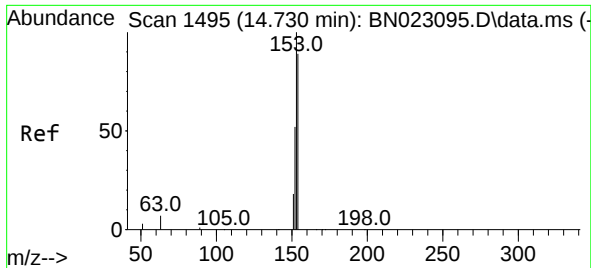
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.377 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

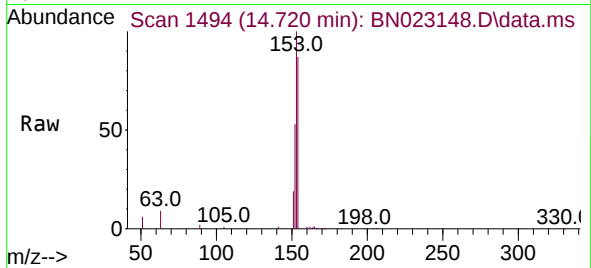
Tgt Ion:152 Resp: 20448
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.0 10.3 15.5





#17
Acenaphthene
Concen: 0.382 ng
RT: 14.720 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

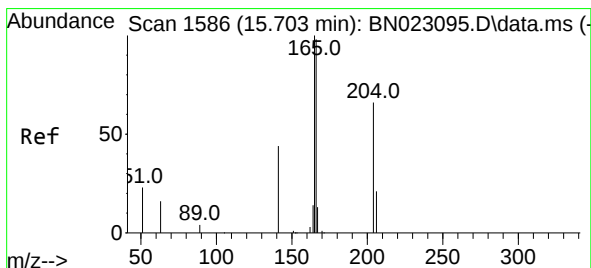
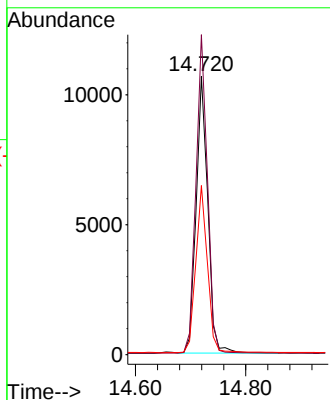
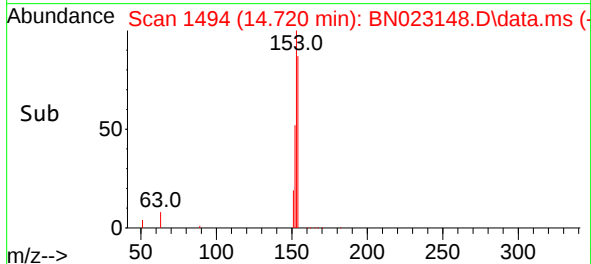
Instrument :
BNA_N
ClientSampleId :
PB149552BS



Tgt Ion:154 Resp: 15520
Ion Ratio Lower Upper
154 100
153 113.5 88.6 132.8
152 60.5 48.1 72.1

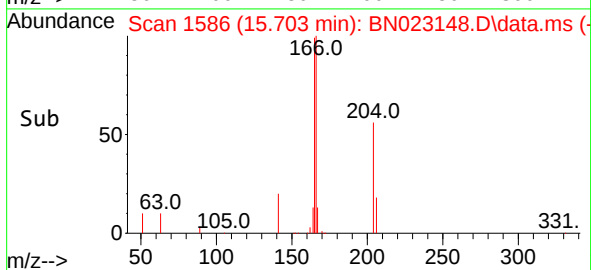
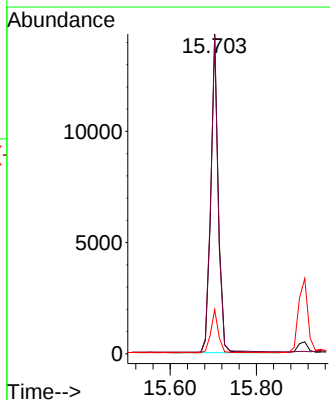
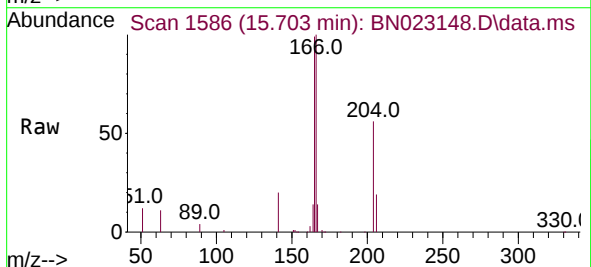
Manual Integrations
APPROVED

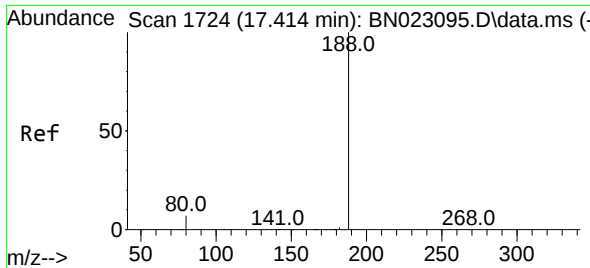
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#18
Fluorene
Concen: 0.401 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

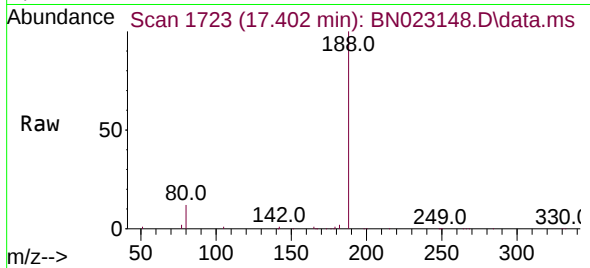
Tgt Ion:166 Resp: 18235
Ion Ratio Lower Upper
166 100
165 99.9 79.8 119.6
167 13.6 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

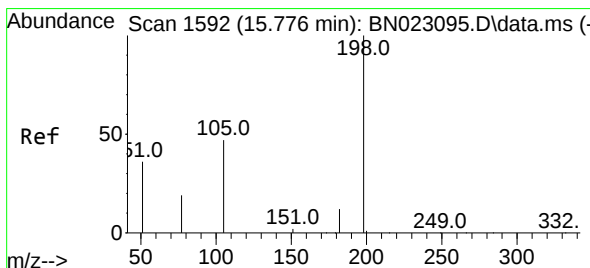
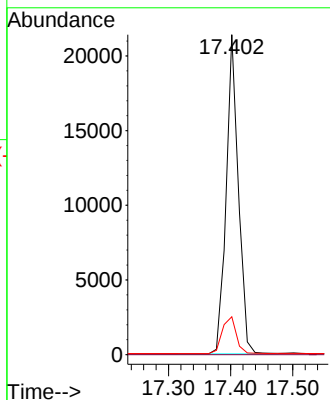
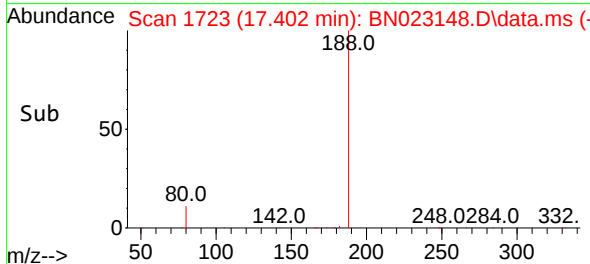
Instrument :
BNA_N
ClientSampleId :
PB149552BS



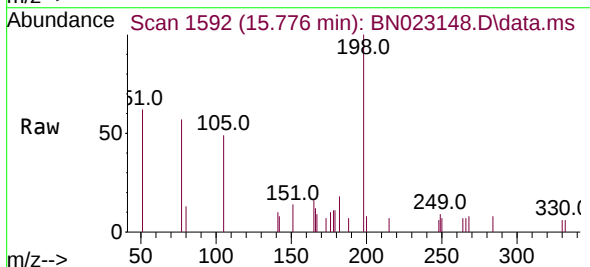
Tgt Ion:188 Resp: 2914
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 6.1 9.1

Manual Integrations
APPROVED

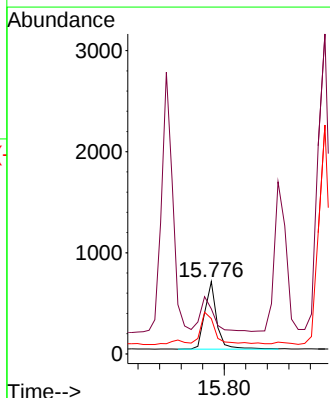
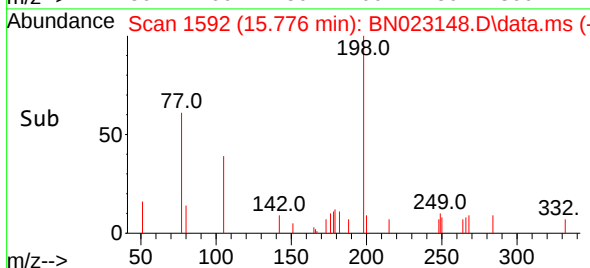
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022

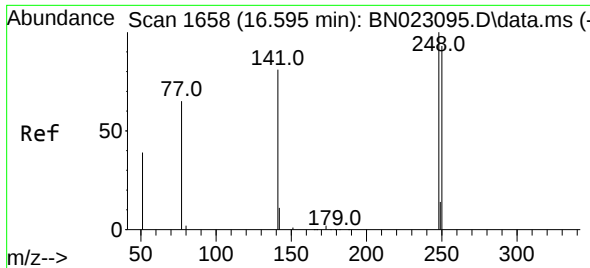


#20
4,6-Dinitro-2-methylphenol
Concen: 0.413 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45



Tgt Ion:198 Resp: 1039
Ion Ratio Lower Upper
198 100
51 62.5 57.0 85.4
105 48.9 47.2 70.8





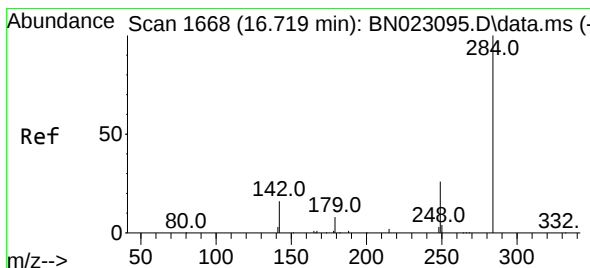
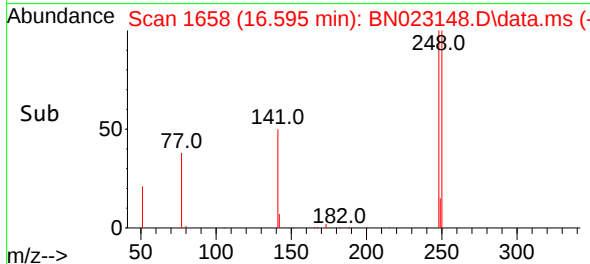
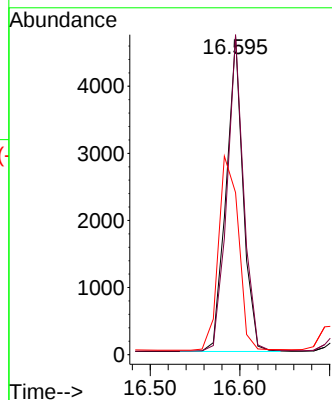
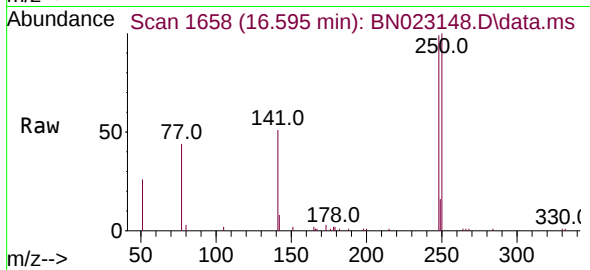
#21
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.595 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:248 Resp: 6173
Ion Ratio Lower Upper
248 100
250 100.6 74.3 111.5
141 50.9 65.0 97.6

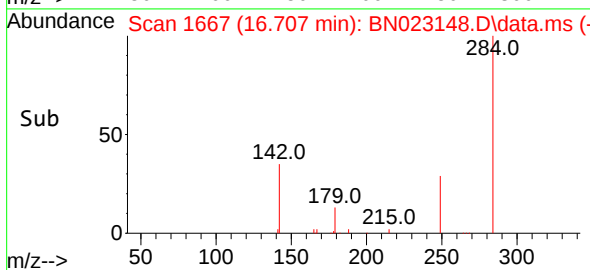
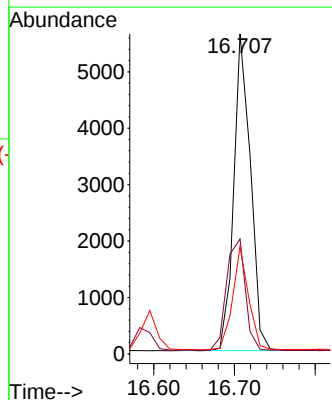
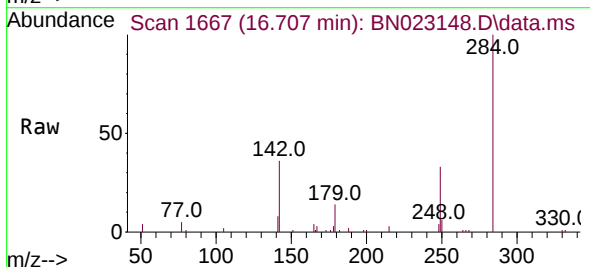
Manual Integrations
APPROVED

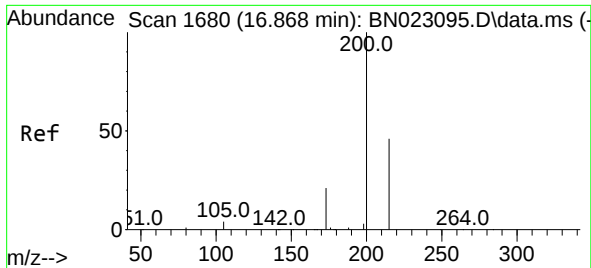
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:284 Resp: 8070
Ion Ratio Lower Upper
284 100
142 39.5 31.0 46.4
249 30.9 24.4 36.6





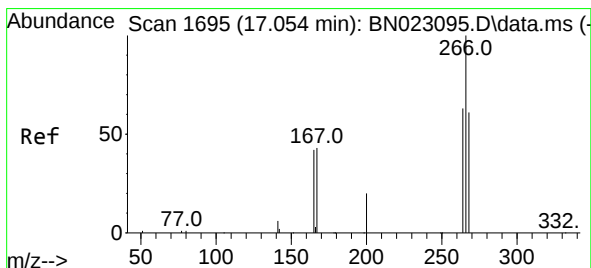
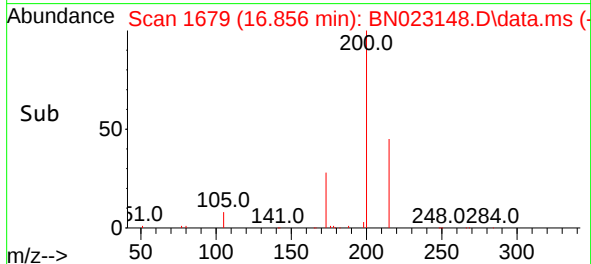
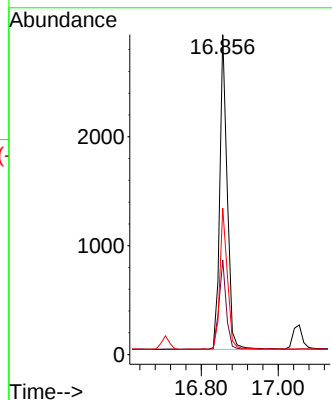
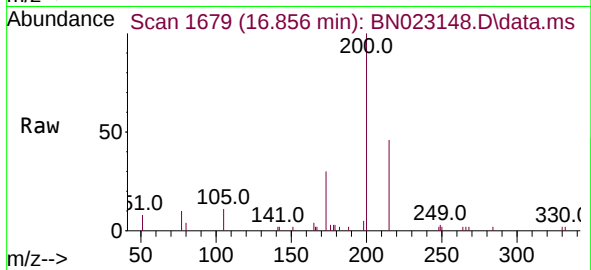
#23
Atrazine
Concen: 0.353 ng
RT: 16.856 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:200 Resp: 3874
Ion Ratio Lower Upper
200 100
173 29.6 18.2 27.4
215 45.8 38.0 57.0

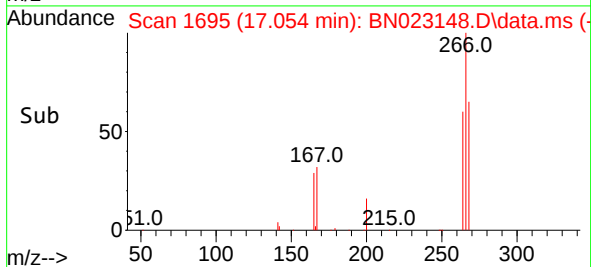
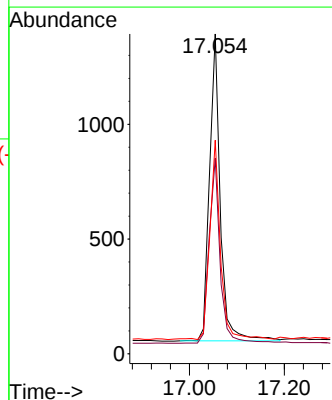
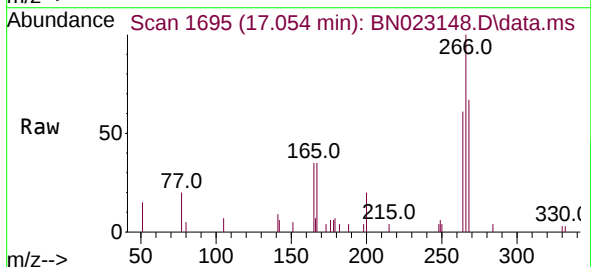
Manual Integrations
APPROVED

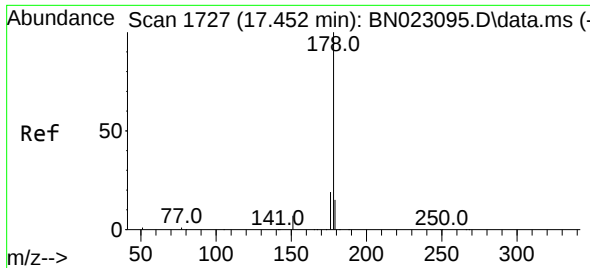
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#24
Pentachlorophenol
Concen: 0.296 ng
RT: 17.054 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:266 Resp: 2097
Ion Ratio Lower Upper
266 100
264 61.9 50.1 75.1
268 63.4 49.7 74.5





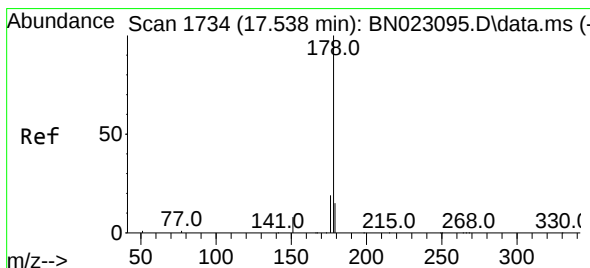
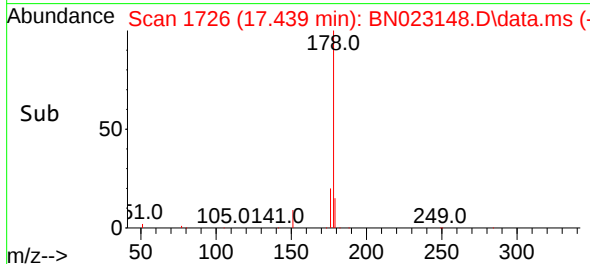
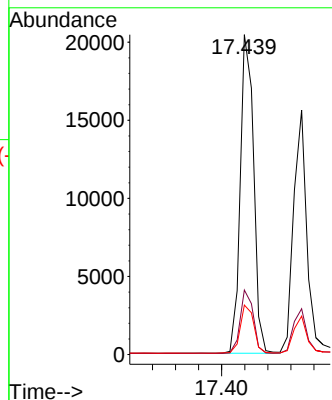
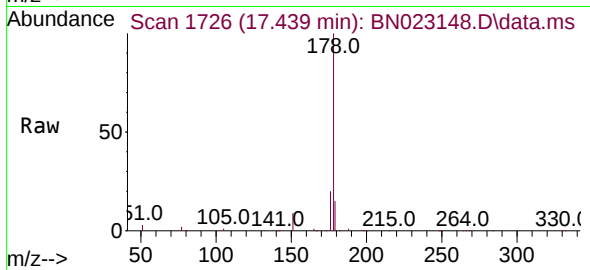
#25
Phenanthrene
Concen: 0.379 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:178 Resp: 32928
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.2 18.2

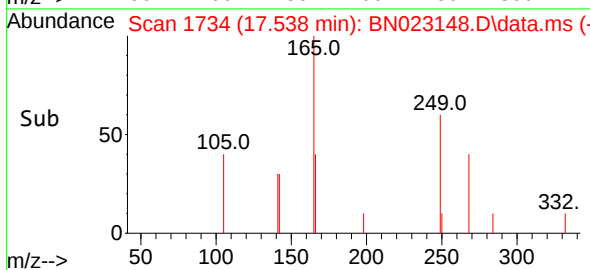
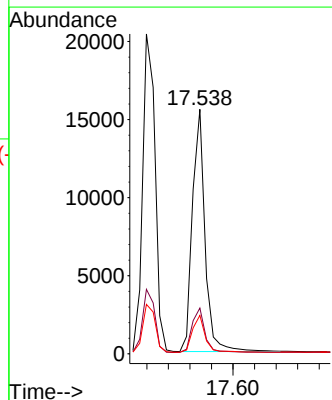
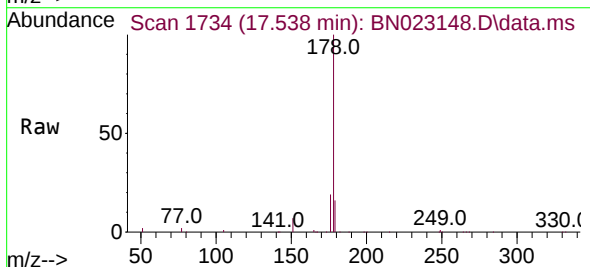
Manual Integrations
APPROVED

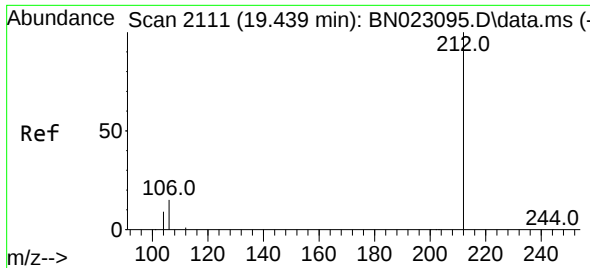
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#26
Anthracene
Concen: 0.365 ng
RT: 17.538 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

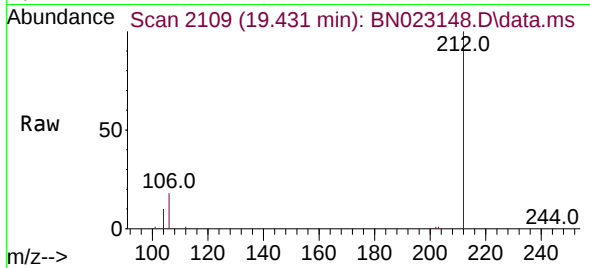
Tgt Ion:178 Resp: 25244
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.3 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.431 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

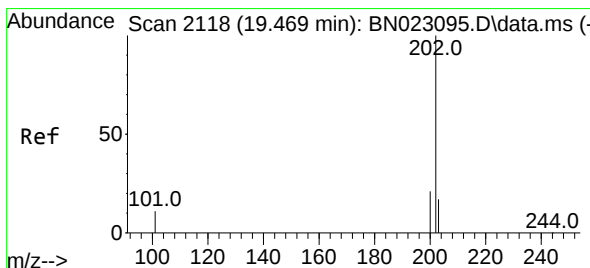
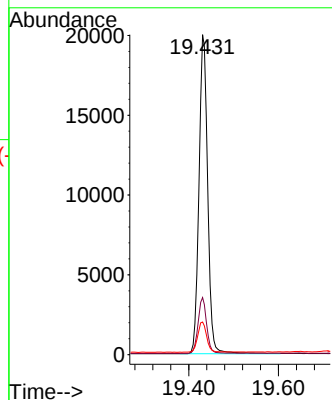
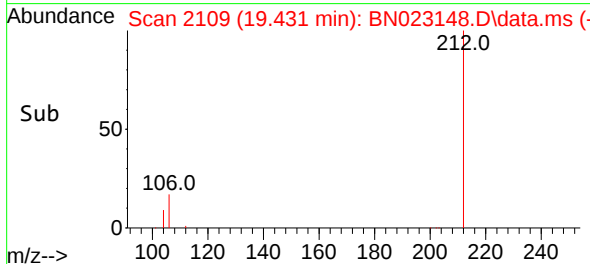
Instrument :
BNA_N
ClientSampleId :
PB149552BS



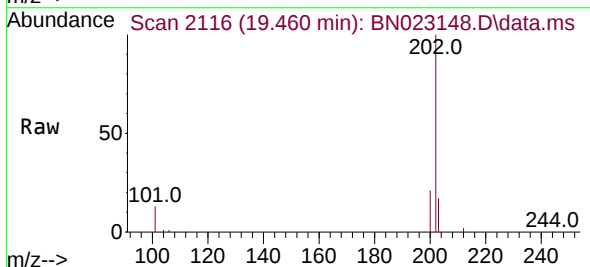
Tgt Ion:212 Resp: 26879
Ion Ratio Lower Upper
212 100
106 17.2 13.0 19.4
104 9.8 7.5 11.3

Manual Integrations
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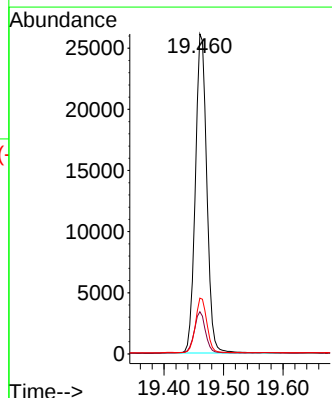
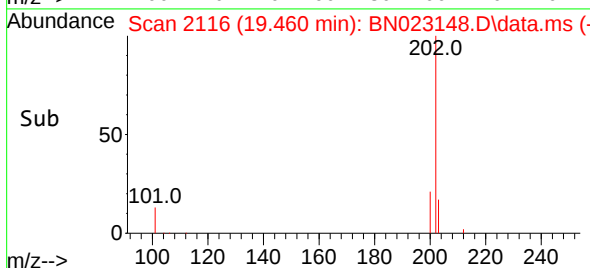
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022

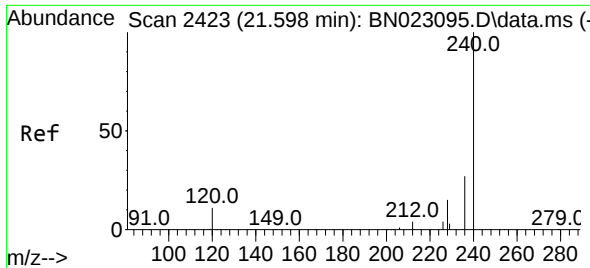


#28
Fluoranthene
Concen: 0.373 ng
RT: 19.460 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45



Tgt Ion:202 Resp: 34713
Ion Ratio Lower Upper
202 100
101 13.0 9.7 14.5
203 17.1 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :

BNA_N

ClientSampleId :

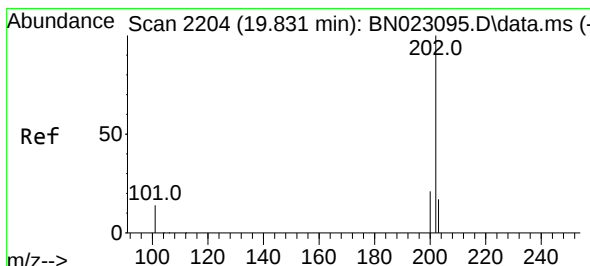
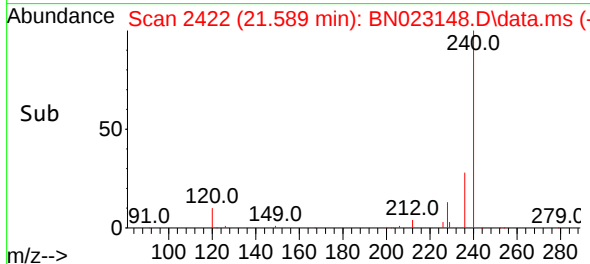
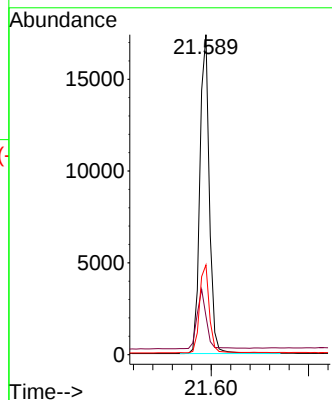
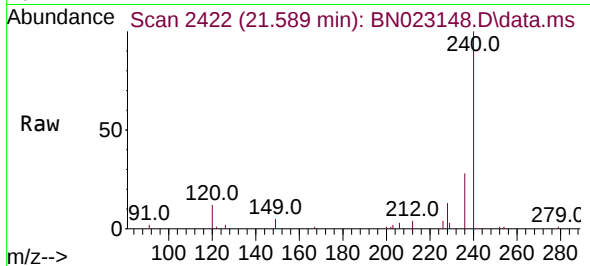
PB149552BS

Tgt Ion:240 Resp: 23636
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 28.0 22.2 33.4

Manual Integrations

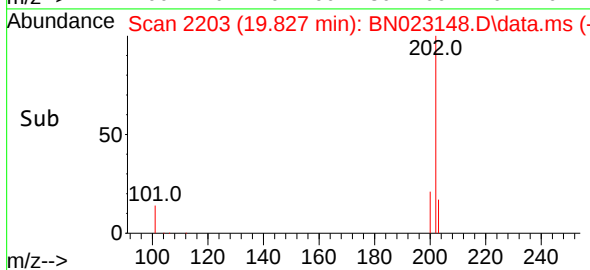
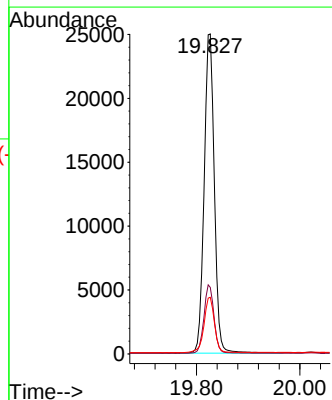
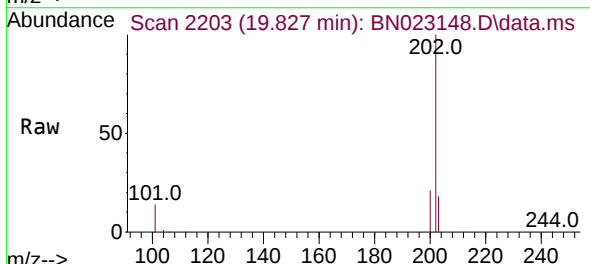
APPROVED

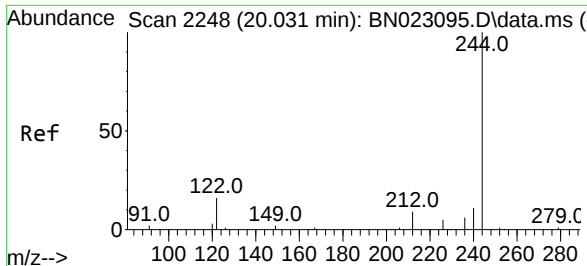
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#30
Pyrene
Concen: 0.395 ng
RT: 19.827 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:202 Resp: 34178
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.8 14.2 21.4





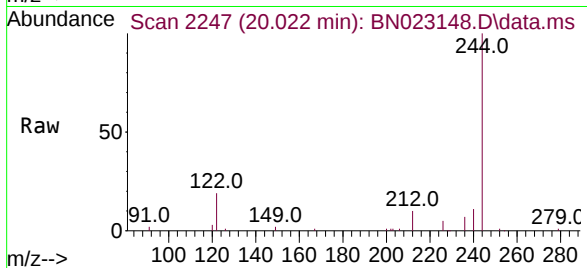
#31
 Terphenyl-d14
 Concen: 0.350 ng
 RT: 20.022 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN023148.D
 Acq: 13 Dec 2022 00:45

Instrument :

BNA_N

ClientSampleId :

PB149552BS

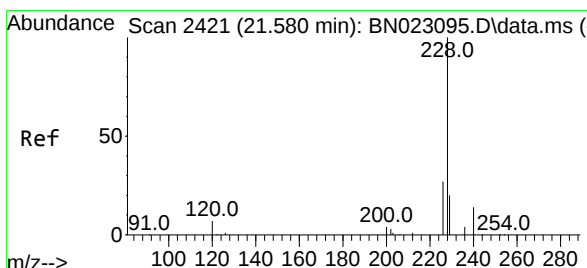
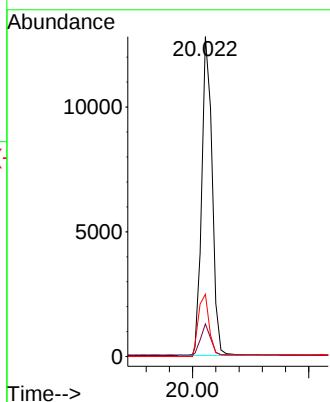
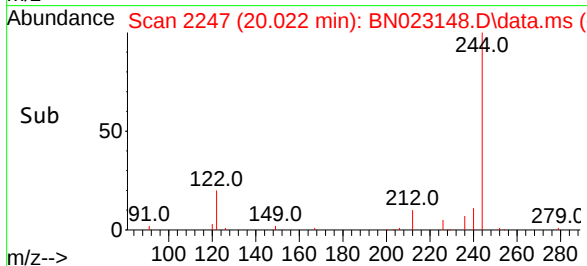


Tgt Ion:244 Resp: 1342
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.6 11.4
 122 19.5 12.6 18.8

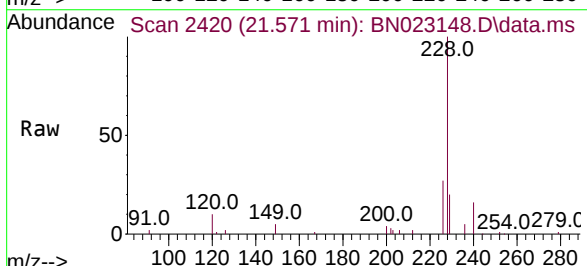
Manual Integrations

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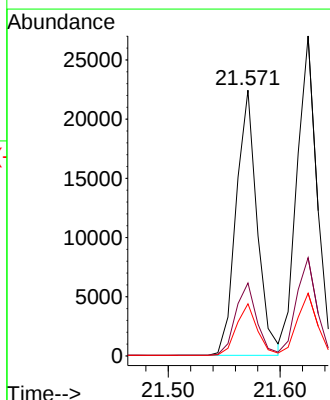
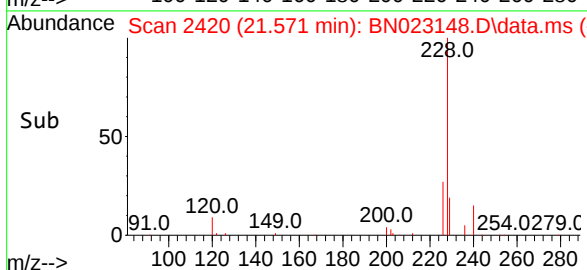
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :mohammad ahmed 12/14/2022

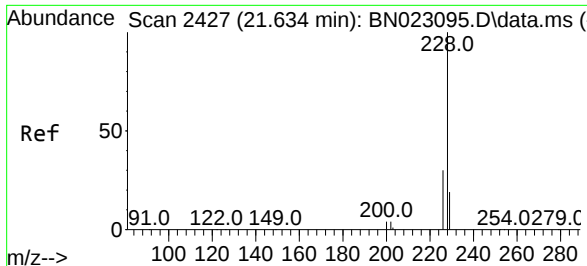


#32
 Benzo(a)anthracene
 Concen: 0.382 ng
 RT: 21.571 min Scan# 2420
 Delta R.T. -0.000 min
 Lab File: BN023148.D
 Acq: 13 Dec 2022 00:45



Tgt Ion:228 Resp: 29117
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.0 33.0
 229 19.6 15.8 23.8





#33

Chrysene

Concen: 0.395 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BN023148.D

Acq: 13 Dec 2022 00:45

Instrument :

BNA_N

ClientSampleId :

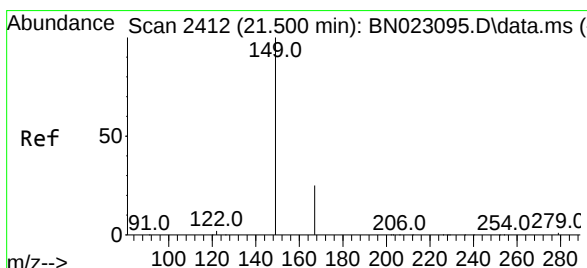
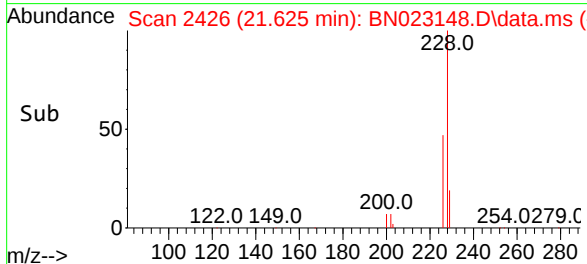
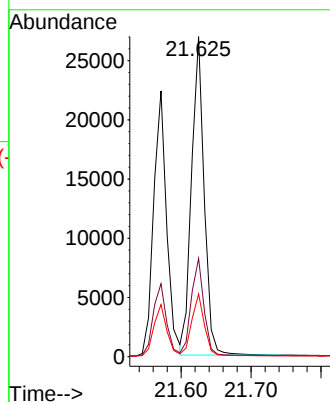
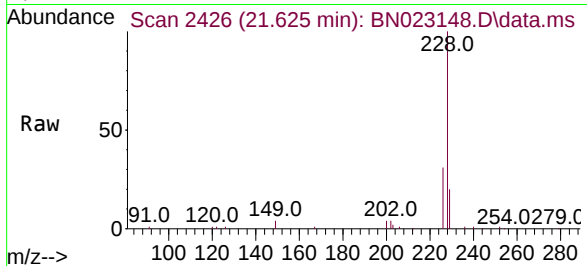
PB149552BS

Tgt Ion:228	Resp:	33816
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.4 36.6
229	19.6	15.6 23.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.361 ng

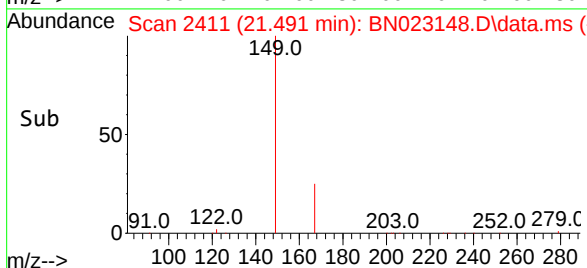
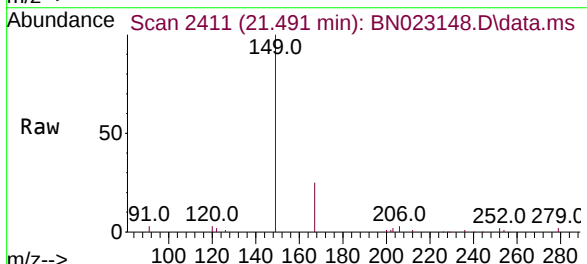
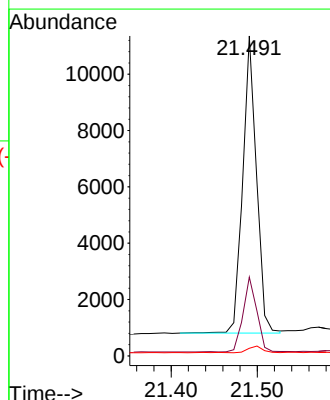
RT: 21.491 min Scan# 2411

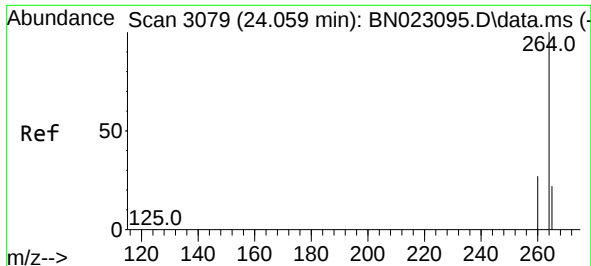
Delta R.T. -0.000 min

Lab File: BN023148.D

Acq: 13 Dec 2022 00:45

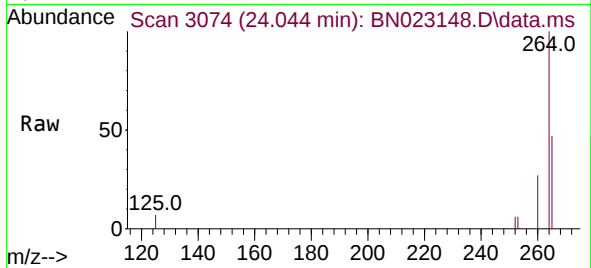
Tgt Ion:149	Resp:	11633
Ion Ratio	Lower	Upper
149	100	
167	25.5	20.2 30.2
279	2.4	2.3 3.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.044 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

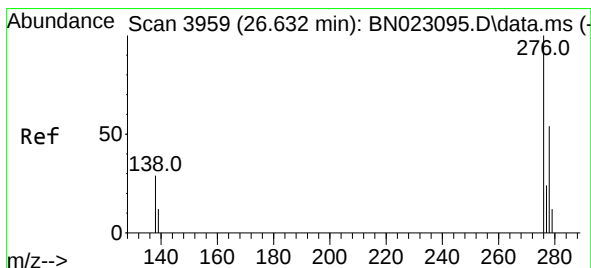
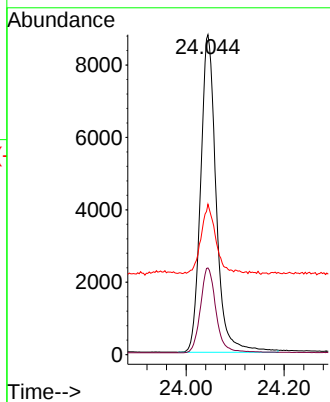
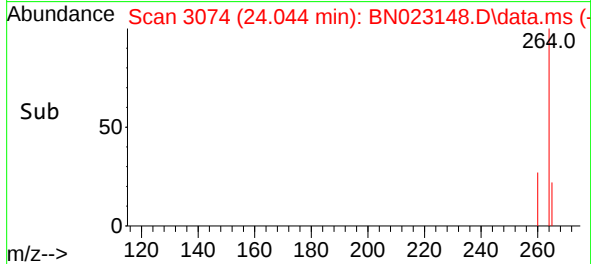
Instrument :
BNA_N
ClientSampleId :
PB149552BS



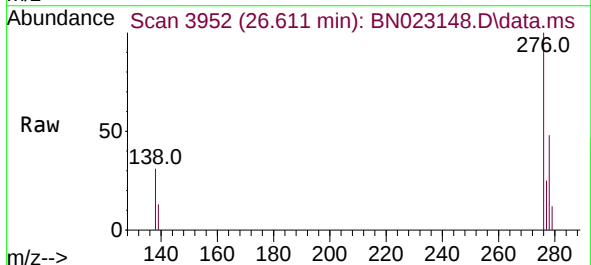
Tgt Ion:264 Resp: 19376
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 47.0 43.2 64.8

Manual Integrations
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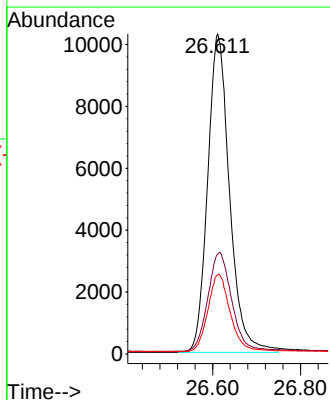
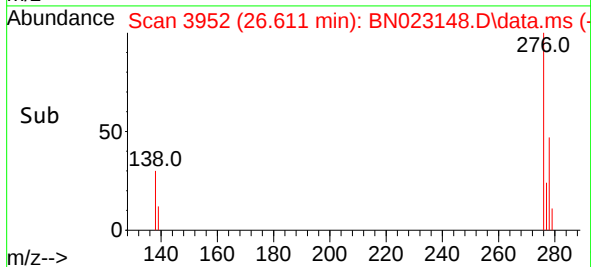
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022

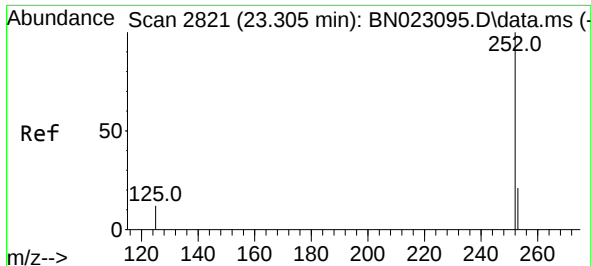


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 26.611 min Scan# 3952
Delta R.T. -0.006 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45



Tgt Ion:276 Resp: 35534
Ion Ratio Lower Upper
276 100
138 33.6 25.0 37.6
277 24.8 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.398 ng m

RT: 23.293 min Scan# 2817

Delta R.T. -0.003 min

Lab File: BN023148.D

Acq: 13 Dec 2022 00:45

Instrument :

BNA_N

ClientSampleId :

PB149552BS

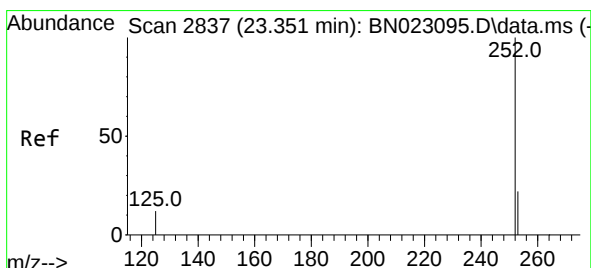
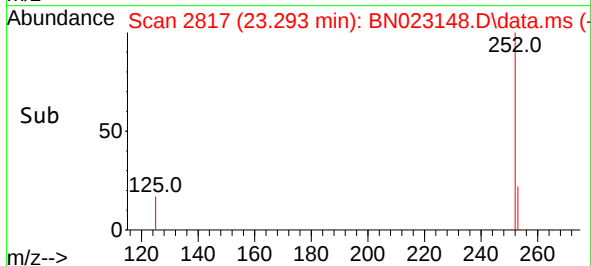
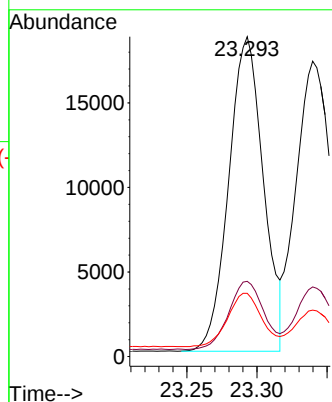
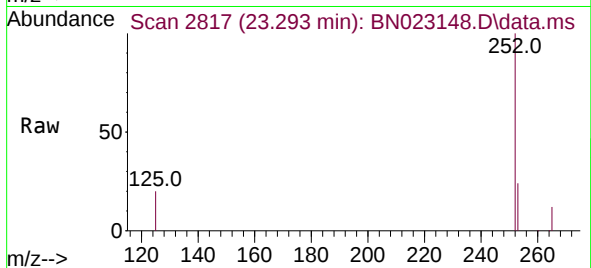
Tgt Ion:252 Resp: 31998

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	19.8	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#38

Benzo(k)fluoranthene

Concen: 0.379 ng

RT: 23.340 min Scan# 2833

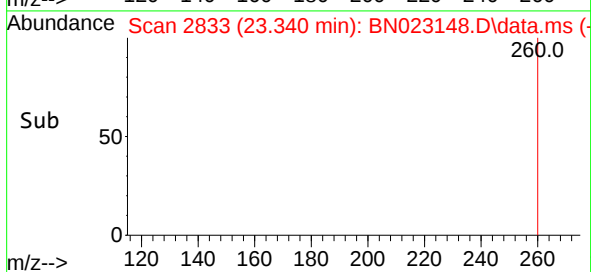
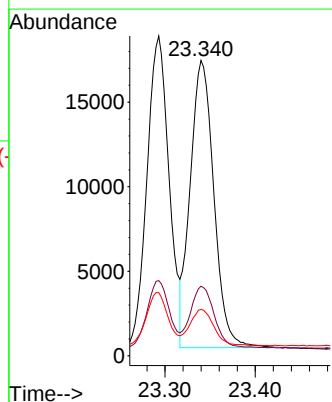
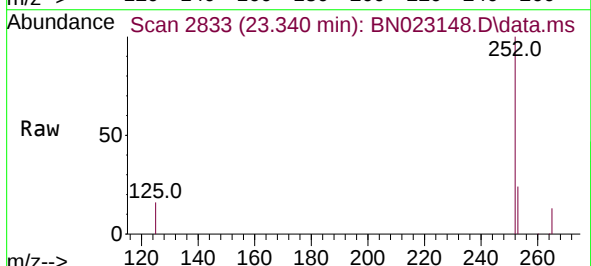
Delta R.T. -0.006 min

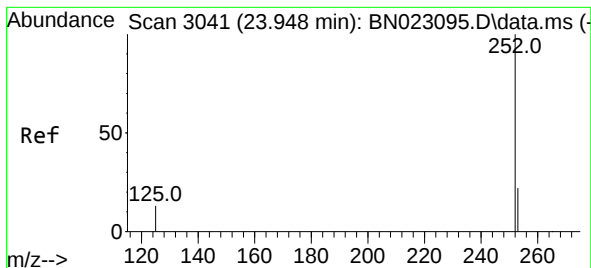
Lab File: BN023148.D

Acq: 13 Dec 2022 00:45

Tgt Ion:252 Resp: 30926

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	15.7	12.5	18.7





#39

Benzo(a)pyrene

Concen: 0.422 ng

RT: 23.936 min Scan# 3041

Delta R.T. -0.006 min

Lab File: BN023148.D

Acq: 13 Dec 2022 00:45

Instrument :

BNA_N

ClientSampleId :

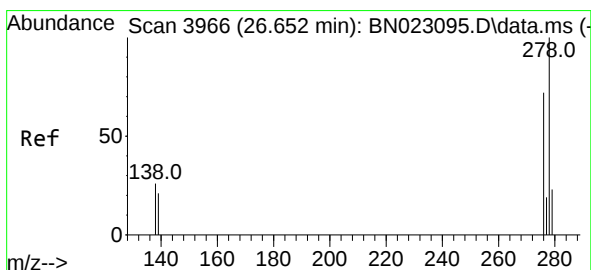
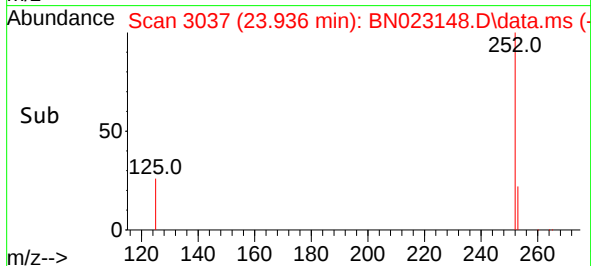
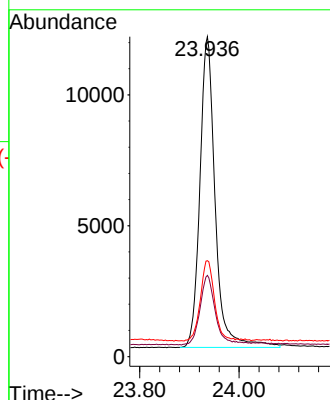
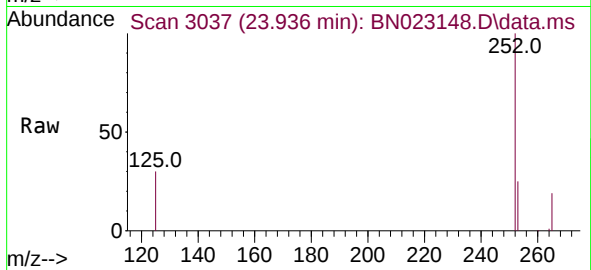
PB149552BS

Tgt Ion:	252	Resp:	2541
Ion Ratio	Lower	Upper	
252	100		
253	25.4	20.6	30.8
125	30.0	15.8	23.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.389 ng

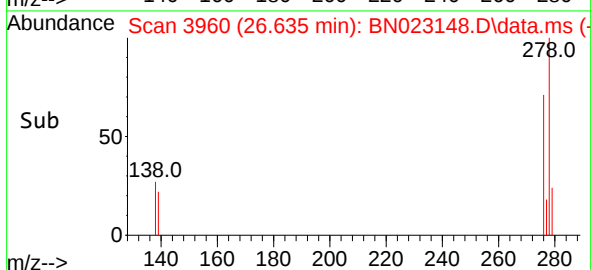
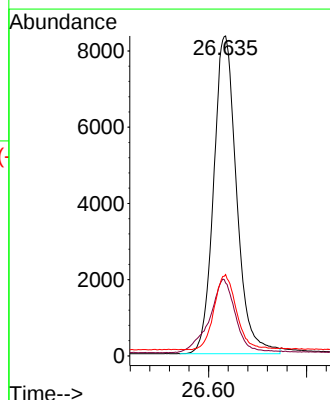
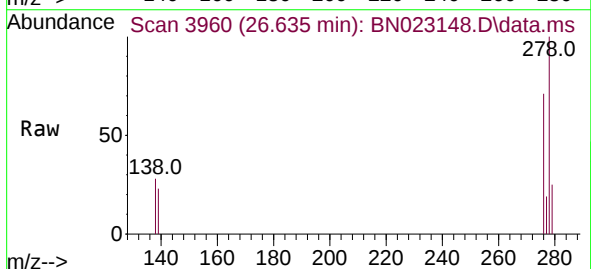
RT: 26.635 min Scan# 3960

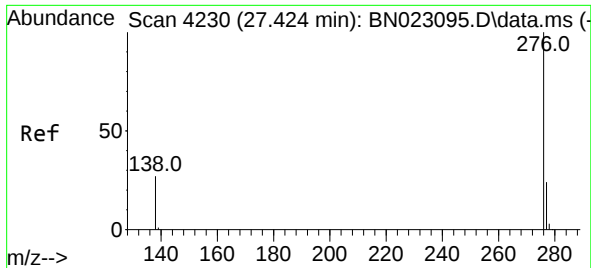
Delta R.T. -0.003 min

Lab File: BN023148.D

Acq: 13 Dec 2022 00:45

Tgt Ion:	278	Resp:	27135
Ion Ratio	Lower	Upper	
278	100		
139	22.8	17.5	26.3
279	25.4	20.5	30.7





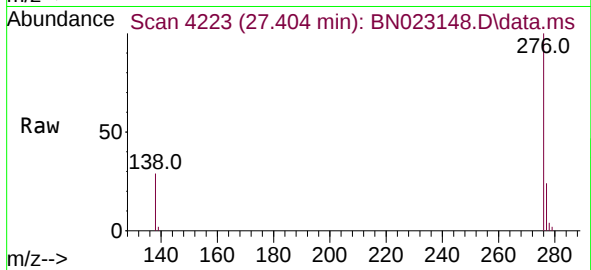
#41
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 27.404 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :

BNA_N

ClientSampleId :

PB149552BS



Tgt Ion:276 Resp: 2700
Ion Ratio Lower Upper
276 100
277 23.8 19.9 29.9
138 28.7 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022

