

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
 Data File : BN024546.D
 Acq On : 24 Mar 2023 15:04
 Operator : CG/JU
 Sample : PB151518BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB151518BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

Quant Time: Mar 25 00:25:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 00:22:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.018	152	8971	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	25664	0.400	ng	# 0.00
13) Acenaphthene-d10	14.650	164	12986	0.400	ng	0.00
19) Phenanthrene-d10	17.397	188	27469	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	17132	0.400	ng	0.00
35) Perylene-d12	24.094	264	13391	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	9238	0.465	ng	0.00
5) Phenol-d6	7.173	99	11301	0.443	ng	0.00
8) Nitrobenzene-d5	9.179	82	9348	0.545	ng	-0.01
11) 2-Methylnaphthalene-d10	12.418	152	14628	0.464	ng	0.00
14) 2,4,6-Tribromophenol	16.143	330	2462	0.371	ng	0.00
15) 2-Fluorobiphenyl	13.282	172	23632	0.482	ng	0.00
27) Fluoranthene-d10	19.429	212	26297	0.452	ng	0.00
31) Terphenyl-d14	20.016	244	14686	0.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	4377	0.448	ng	97
3) n-Nitrosodimethylamine	3.757	42	6756	0.472	ng	# 96
6) bis(2-Chloroethyl)ether	7.440	93	11313	0.447	ng	97
9) Naphthalene	10.887	128	30658	0.470	ng	99
10) Hexachlorobutadiene	11.176	225	6081	0.491	ng	# 99
12) 2-Methylnaphthalene	12.490	142	20004	0.454	ng	99
16) Acenaphthylene	14.372	152	26569	0.431	ng	100
17) Acenaphthene	14.714	154	17665	0.451	ng	98
18) Fluorene	15.698	166	20858	0.445	ng	100
20) 4,6-Dinitro-2-methylph...	15.783	198	778	0.330	ng	89
21) 4-Bromophenyl-phenylether	16.590	248	7100	0.435	ng	# 92
22) Hexachlorobenzene	16.702	284	9067	0.452	ng	98
23) Atrazine	16.850	200	4261	0.411	ng	# 93
24) Pentachlorophenol	17.049	266	2631	0.344	ng	98
25) Phenanthrene	17.446	178	36210	0.445	ng	100
26) Anthracene	17.533	178	30790	0.410	ng	100
28) Fluoranthene	19.459	202	38551	0.433	ng	99
30) Pyrene	19.821	202	38462	0.554	ng	100
32) Benzo(a)anthracene	21.574	228	25964	0.454	ng	99
33) Chrysene	21.628	228	29917	0.490	ng	99
34) Bis(2-ethylhexyl)phtha...	21.494	149	14021	0.521	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.705	276	21445	0.428	ng	96
37) Benzo(b)fluoranthene	23.322	252	23692	0.455	ng	95
38) Benzo(k)fluoranthene	23.378	252	24752m	0.461	ng	
39) Benzo(a)pyrene	23.977	252	20432	0.428	ng	94
40) Dibenzo(a,h)anthracene	26.728	278	16020	0.412	ng	96
41) Benzo(g,h,i)perylene	27.512	276	20531	0.453	ng	98

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

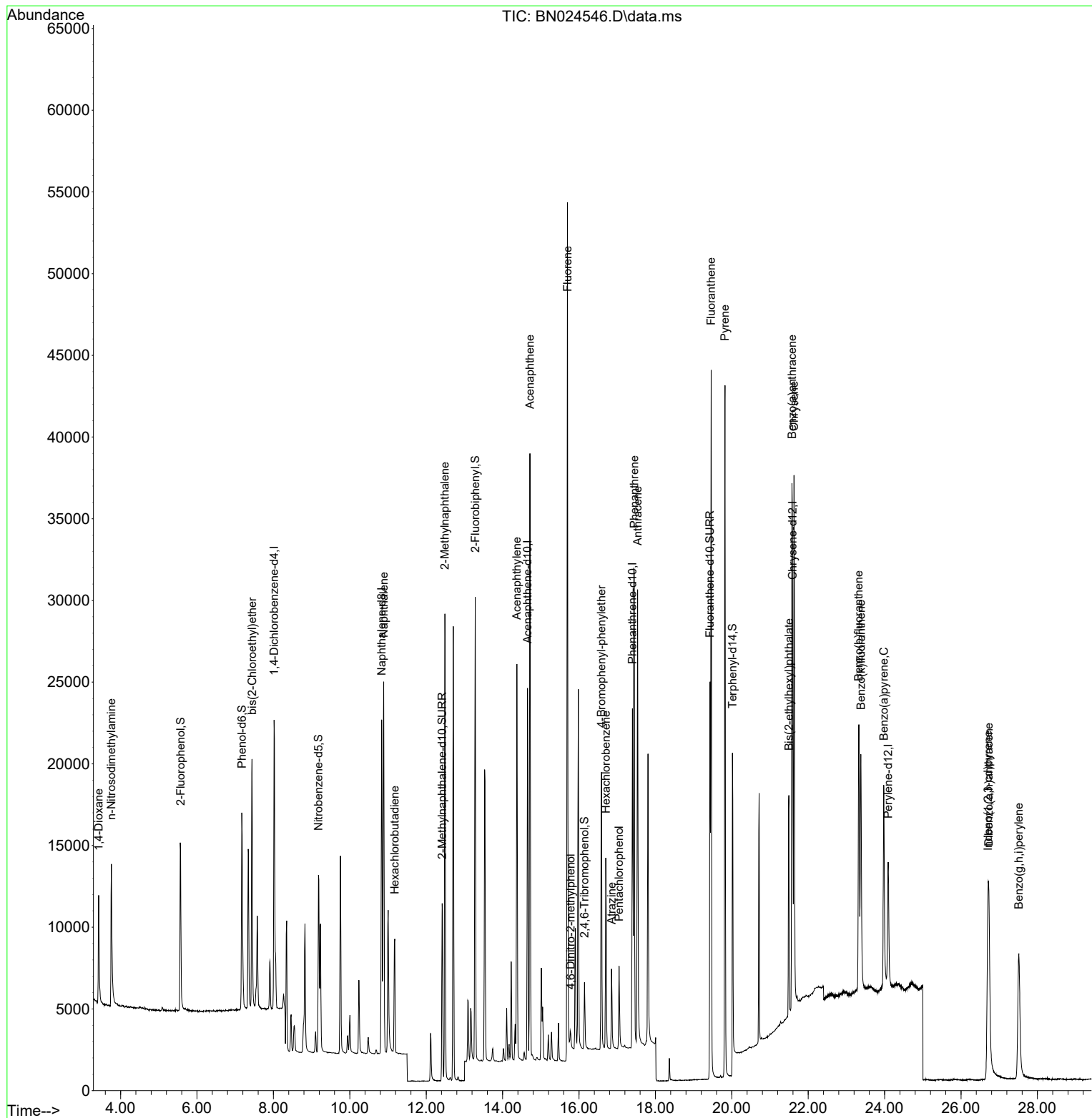
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
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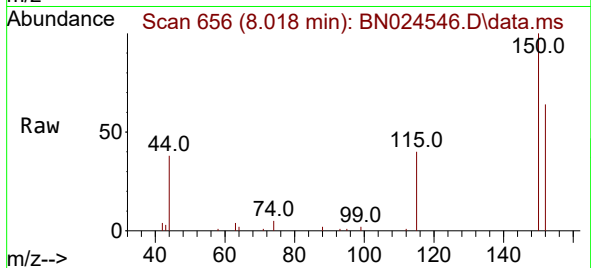
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.018 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Instrument :

BNA_N

ClientSampleId :

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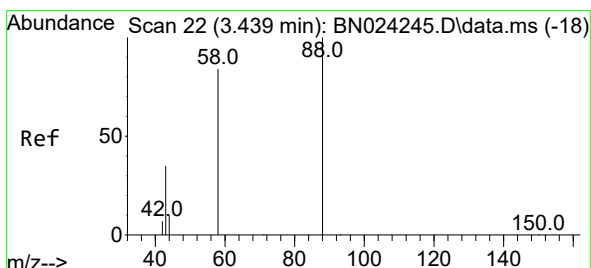
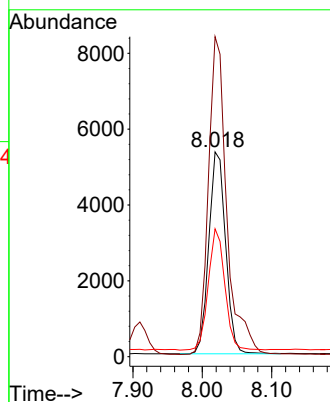
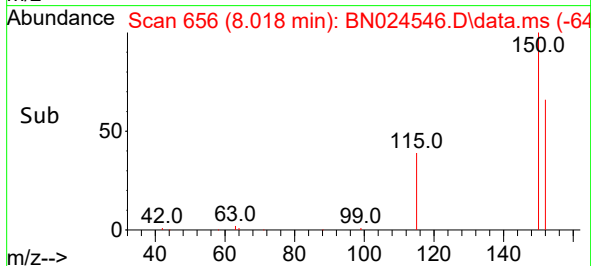


Tgt Ion: 152 Resp: 897
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 62.5 49.1 73.7

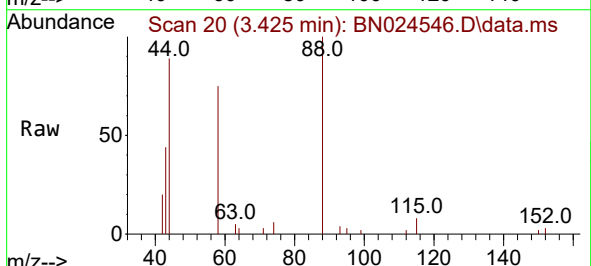
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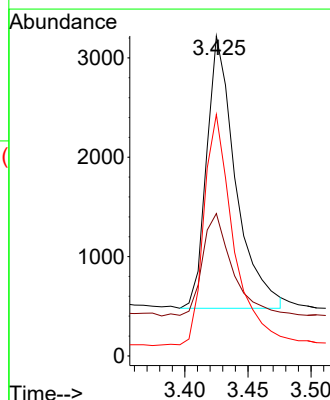
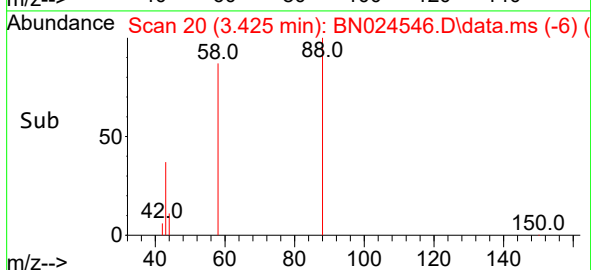
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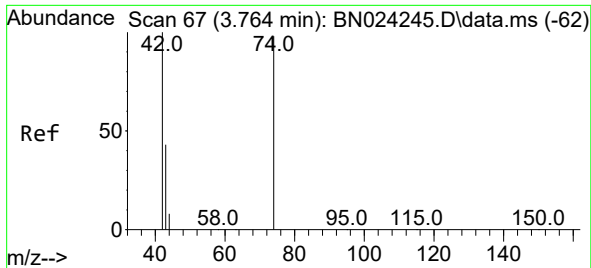


#2
1,4-Dioxane
Concen: 0.448 ng
RT: 3.425 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04



Tgt Ion: 88 Resp: 4377
Ion Ratio Lower Upper
88 100
43 39.0 29.0 43.4
58 86.6 67.3 100.9





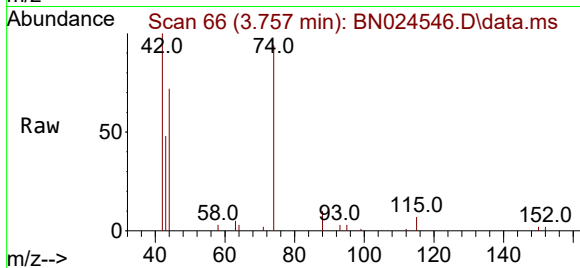
#3
n-Nitrosodimethylamine
Concen: 0.472 ng
RT: 3.757 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

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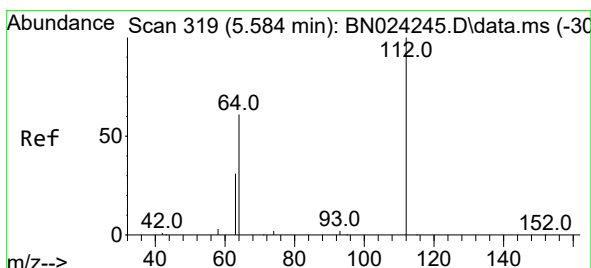
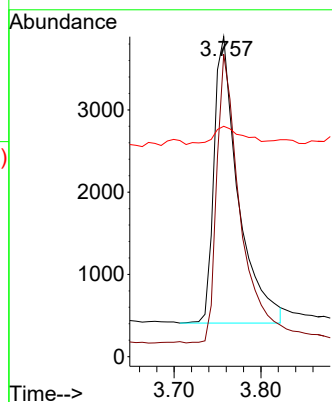
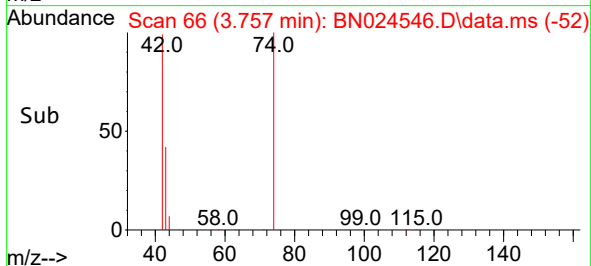


Tgt Ion: 42 Resp: 6750
Ion Ratio Lower Upper
42 100
74 98.2 81.6 122.4
44 6.2 7.3 10.9

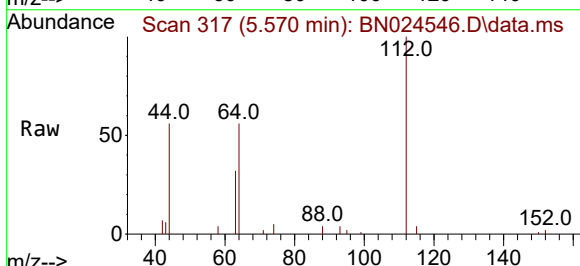
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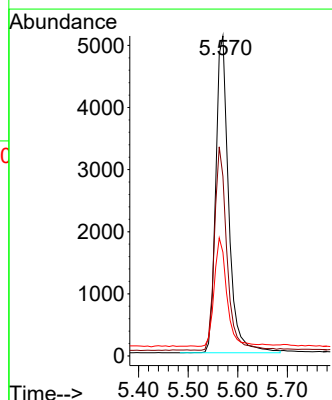
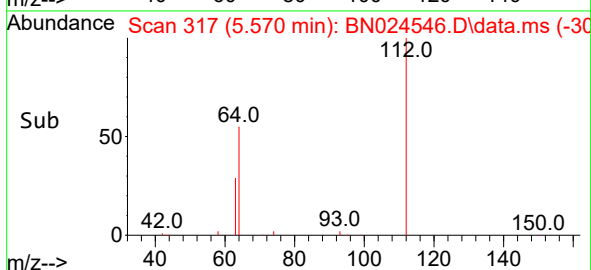
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#4
2-Fluorophenol
Concen: 0.465 ng
RT: 5.570 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04



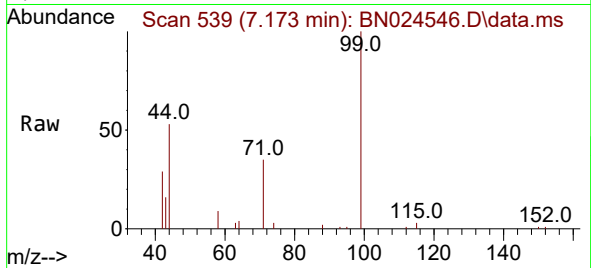
Tgt Ion:112 Resp: 9238
Ion Ratio Lower Upper
112 100
64 62.1 49.0 73.6
63 33.4 25.7 38.5





#5
Phenol-d6
Concen: 0.443 ng
RT: 7.173 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

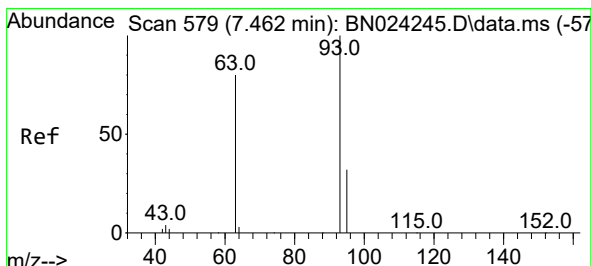
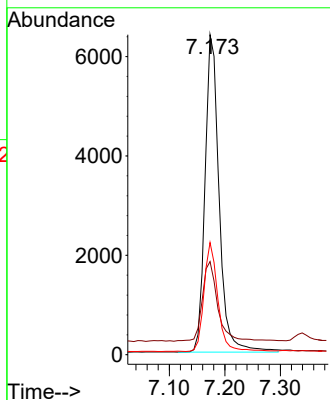
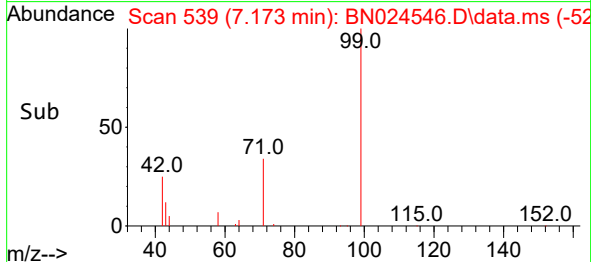
Instrument :
BNA_N
ClientSampleId :
PB151518BS



Tgt Ion: 99 Resp: 1130
Ion Ratio Lower Upper
99 100
42 27.5 20.1 30.1
71 33.7 25.8 38.8

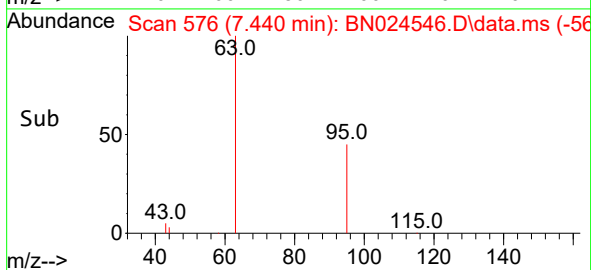
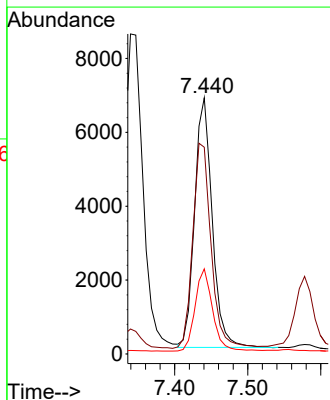
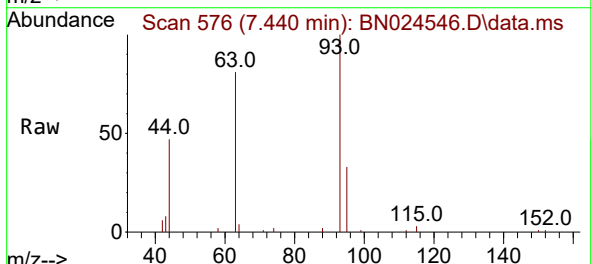
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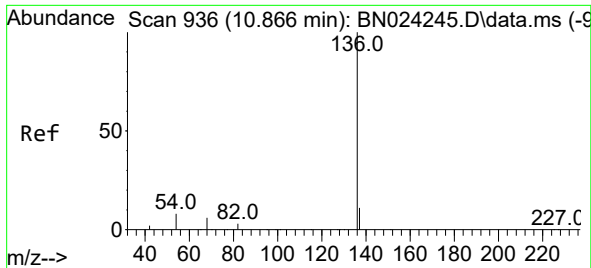
Reviewed By :Christian Giraldo 03/27/2023
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#6
bis(2-Chloroethyl)ether
Concen: 0.447 ng
RT: 7.440 min Scan# 576
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Tgt Ion: 93 Resp: 11313
Ion Ratio Lower Upper
93 100
63 85.5 65.4 98.2
95 32.8 25.8 38.8





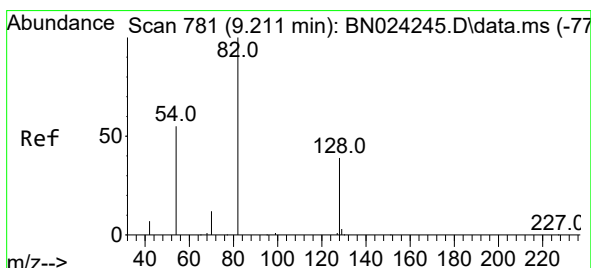
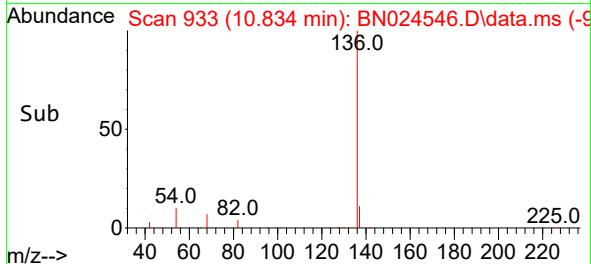
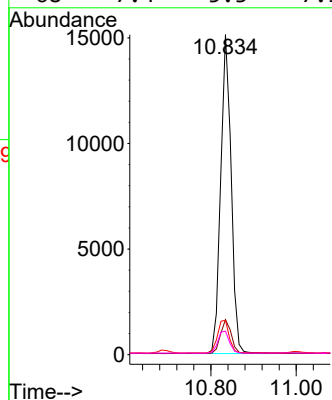
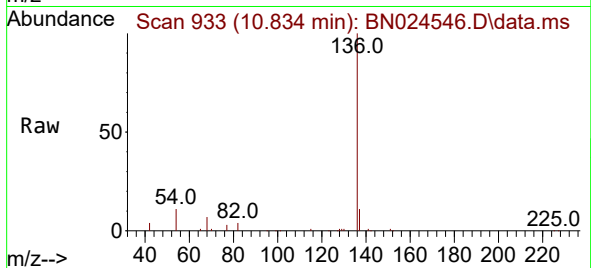
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Instrument :
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ClientSampleId :
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Tgt Ion:136	Resp:	2566
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.8	7.1 10.7
68	7.4	5.3 7.9

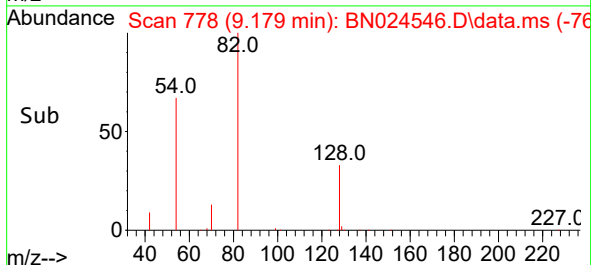
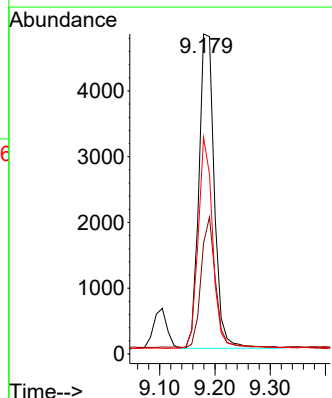
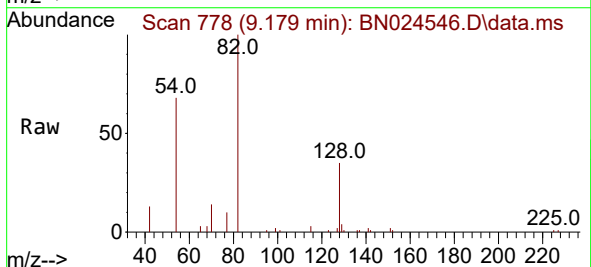
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#8
Nitrobenzene-d5
Concen: 0.545 ng
RT: 9.179 min Scan# 778
Delta R.T. -0.011 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Tgt Ion: 82	Resp:	9348
Ion Ratio	Lower	Upper
82	100	
128	34.6	32.4 48.6
54	67.7	45.2 67.8





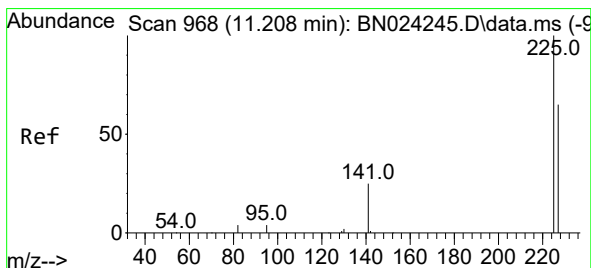
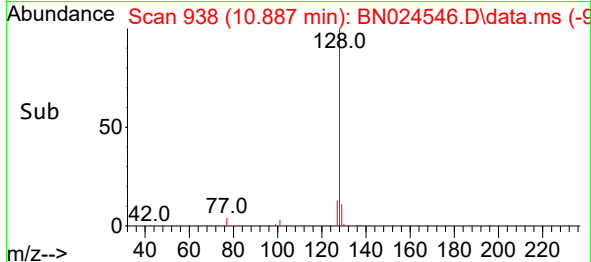
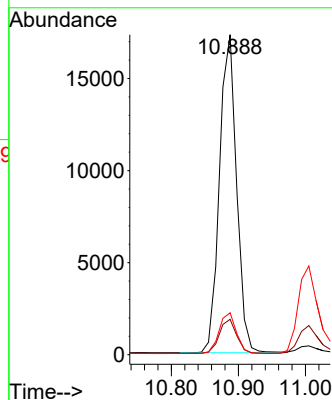
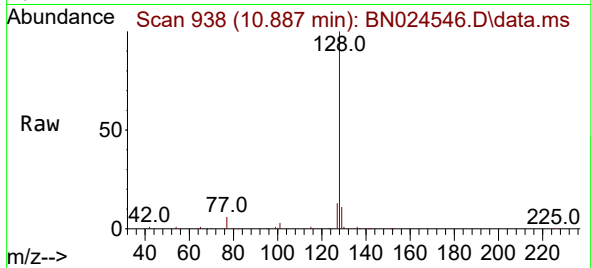
#9
Naphthalene
Concen: 0.470 ng
RT: 10.887 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

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Tgt Ion:128 Resp: 30658
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.2 15.4

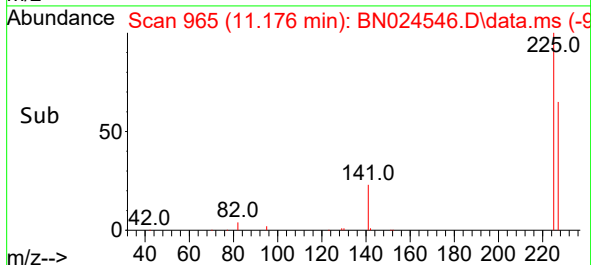
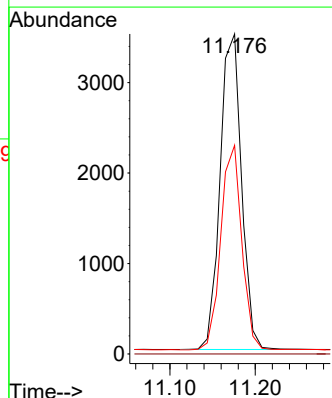
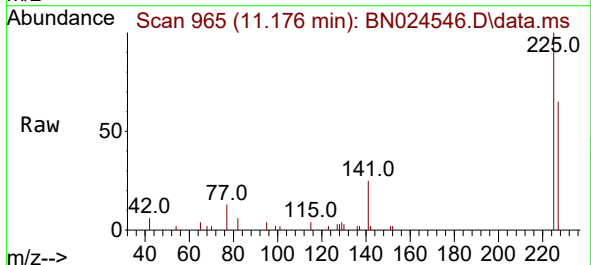
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#10
Hexachlorobutadiene
Concen: 0.491 ng
RT: 11.176 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Tgt Ion:225 Resp: 6081
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.3 51.0 76.4





#11

2-Methylnaphthalene-d10

Concen: 0.464 ng

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

Instrument :

BNA_N

ClientSampleId :

PB151518BS

Tgt Ion:152 Resp: 14628

Ion Ratio Lower Upper

152 100

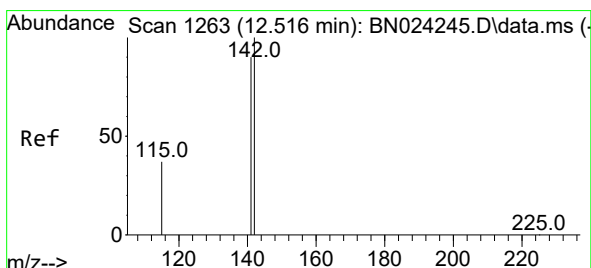
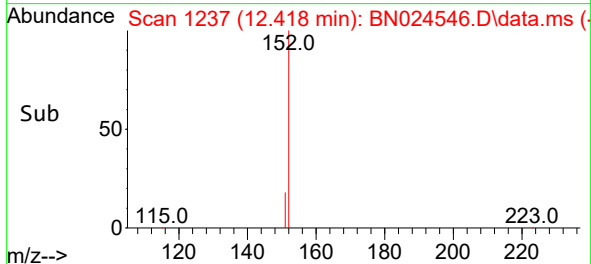
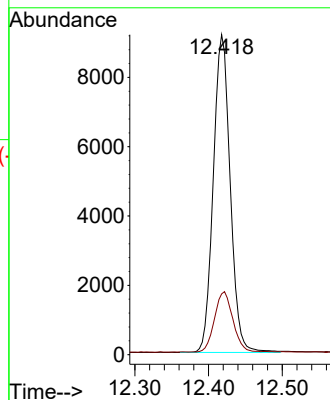
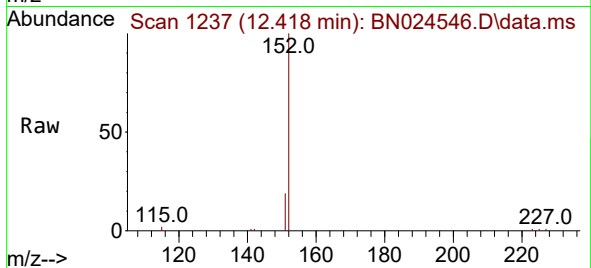
151 20.8 16.8 25.2

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#12

2-Methylnaphthalene

Concen: 0.454 ng

RT: 12.490 min Scan# 1256

Delta R.T. -0.004 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

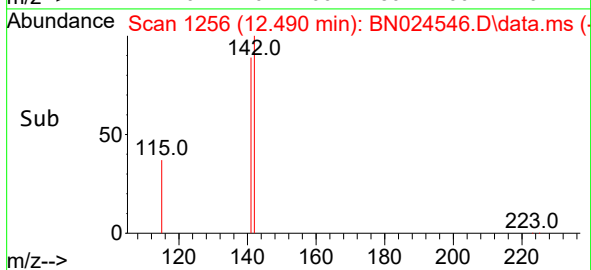
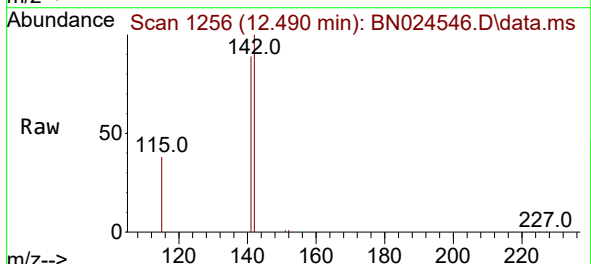
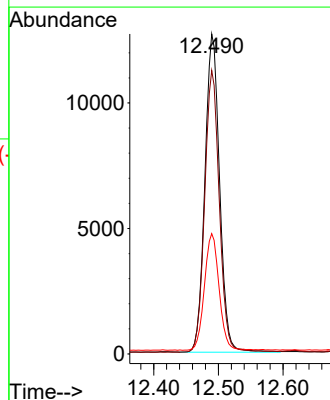
Tgt Ion:142 Resp: 20004

Ion Ratio Lower Upper

142 100

141 88.6 71.8 107.6

115 37.6 30.0 45.0





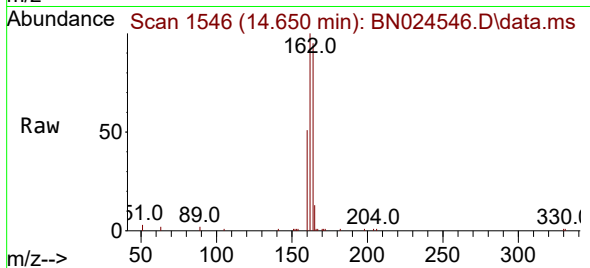
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Acenaphthene-d10
Concen: 0.400 ng
RT: 14.650 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

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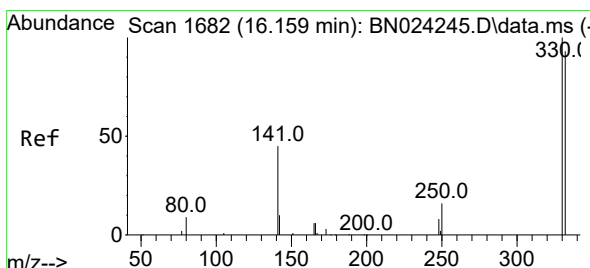
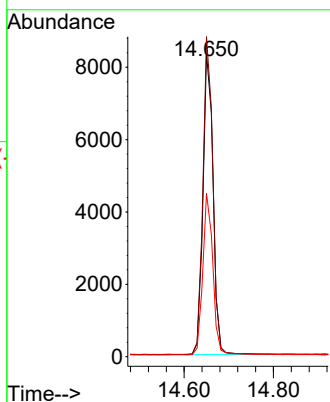
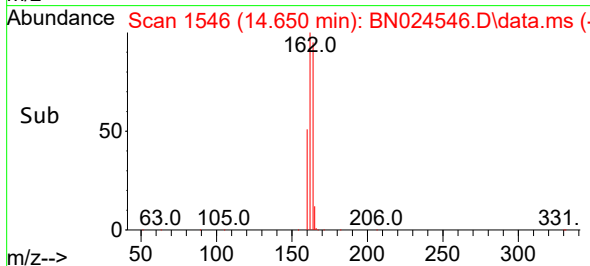


Tgt Ion:164 Resp: 12980
Ion Ratio Lower Upper
164 100
162 105.6 84.7 127.1
160 53.9 44.6 66.8

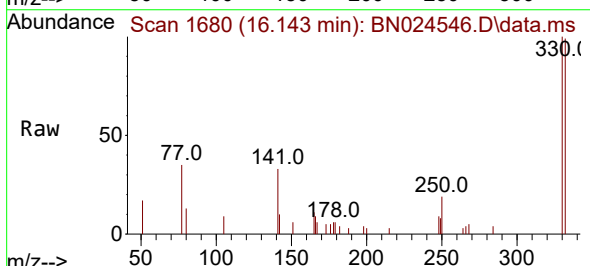
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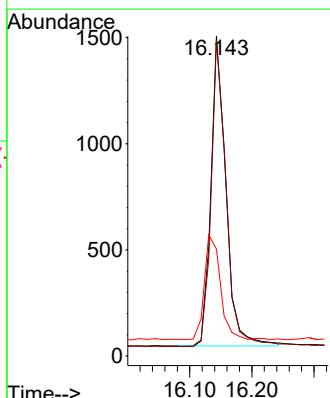
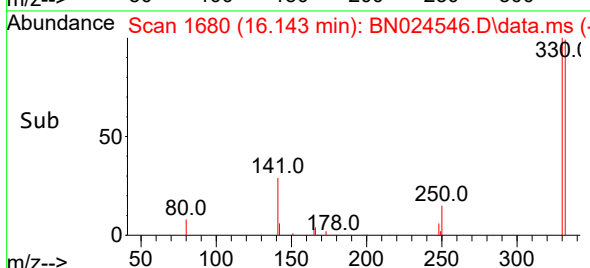
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 16.143 min Scan# 1680
Delta R.T. -0.004 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04



Tgt Ion:330 Resp: 2462
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 36.2 30.8 46.2





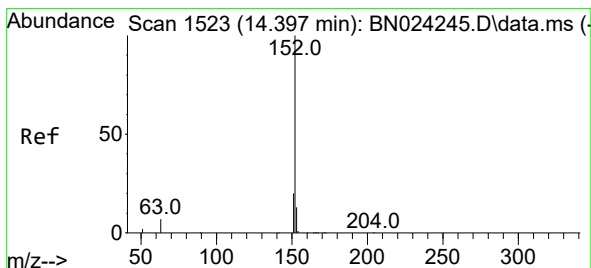
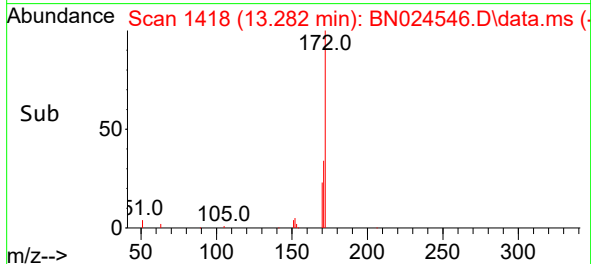
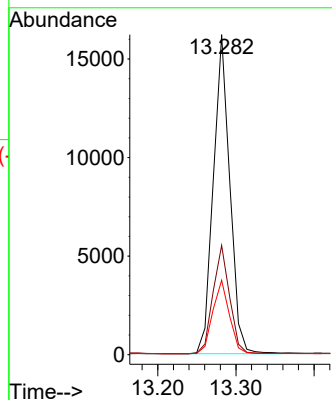
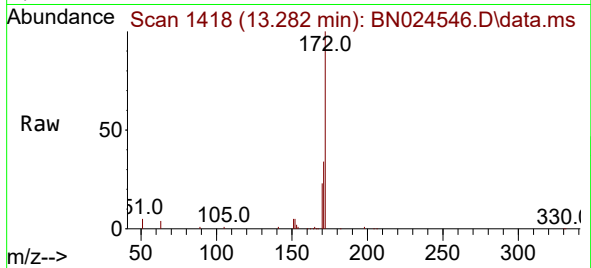
#15
2-Fluorobiphenyl
Concen: 0.482 ng
RT: 13.282 min Scan# 1421
Delta R.T. -0.004 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Instrument :
BNA_N
ClientSampleId :
PB151518BS

Tgt Ion:172 Resp: 23632
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.3 19.0 28.6

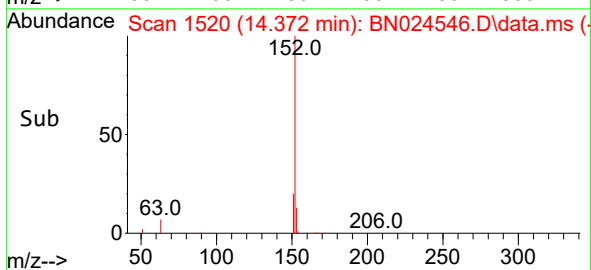
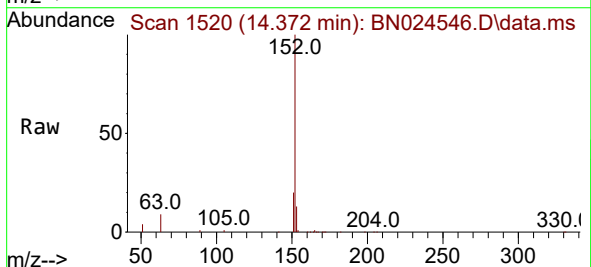
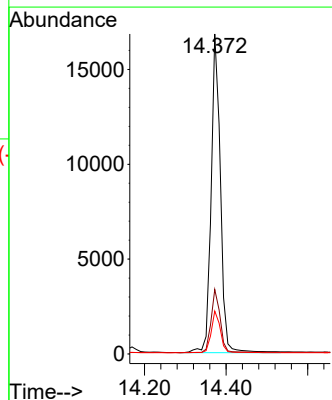
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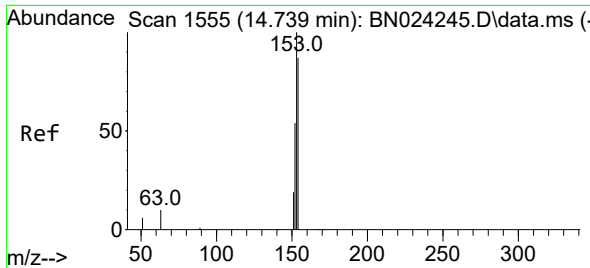
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#16
Acenaphthylene
Concen: 0.431 ng
RT: 14.372 min Scan# 1520
Delta R.T. -0.004 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

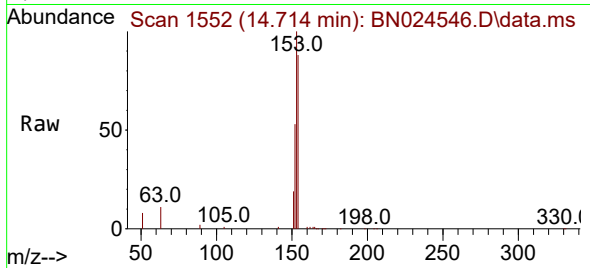
Tgt Ion:152 Resp: 26569
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0
153 13.0 10.4 15.6





#17
Acenaphthene
Concen: 0.451 ng
RT: 14.714 min Scan# 1552
Delta R.T. -0.004 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

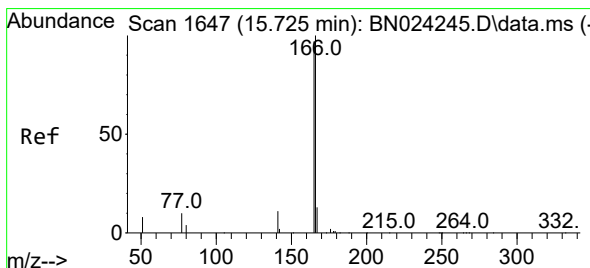
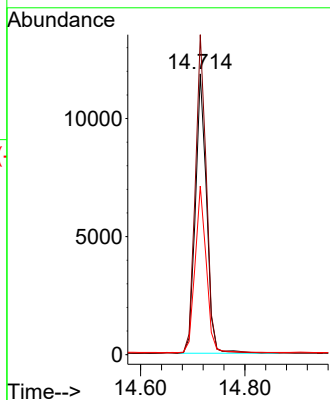
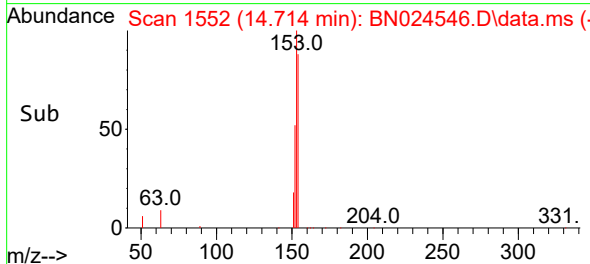
Instrument :
BNA_N
ClientSampleId :
PB151518BS



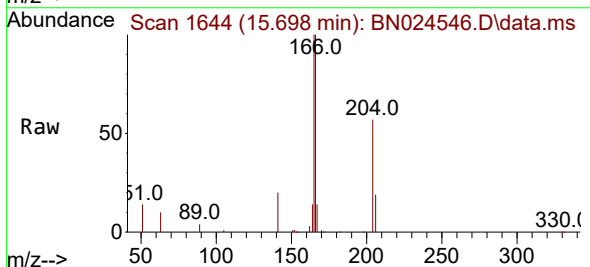
Tgt Ion:154 Resp: 1766
Ion Ratio Lower Upper
154 100
153 113.4 88.4 132.6
152 60.0 48.7 73.1

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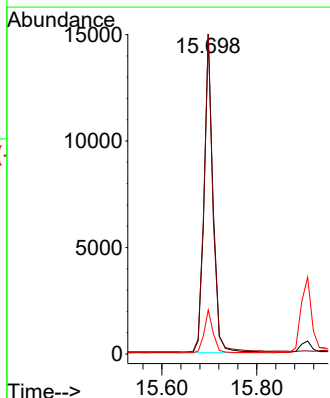
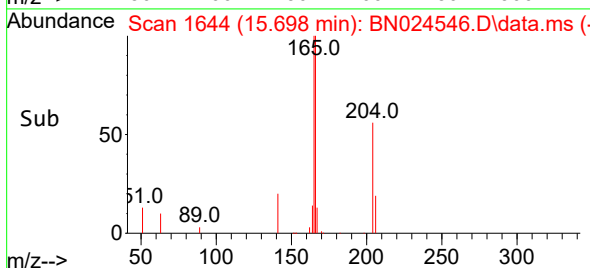
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

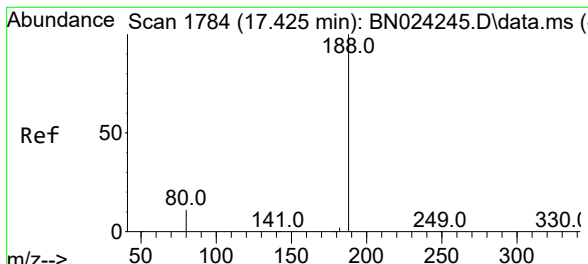


#18
Fluorene
Concen: 0.445 ng
RT: 15.698 min Scan# 1644
Delta R.T. -0.004 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04



Tgt Ion:166 Resp: 20858
Ion Ratio Lower Upper
166 100
165 99.7 80.2 120.2
167 13.5 10.8 16.2





#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.397 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BN024546.D
 Acq: 24 Mar 2023 15:04

Instrument :

BNA_N

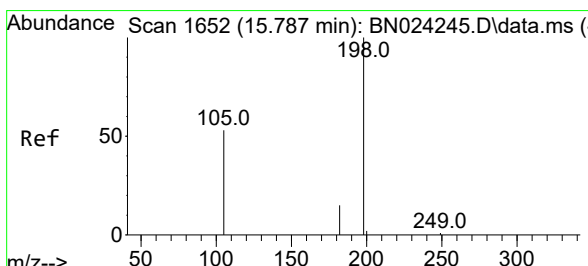
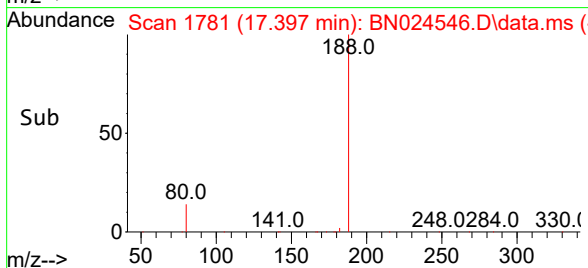
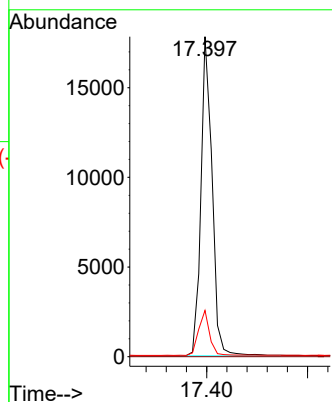
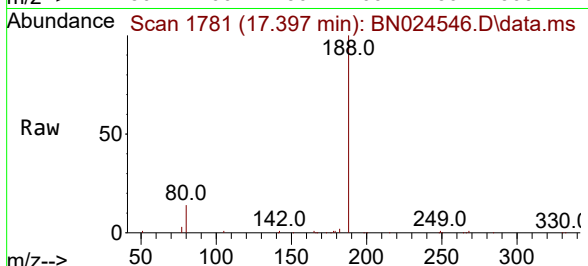
ClientSampleId :

PB151518BS

Tgt Ion:188 Resp: 27469
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 14.4 8.9 13.3

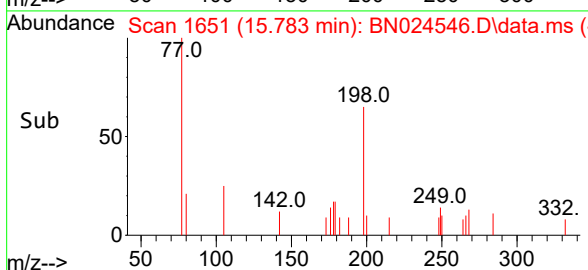
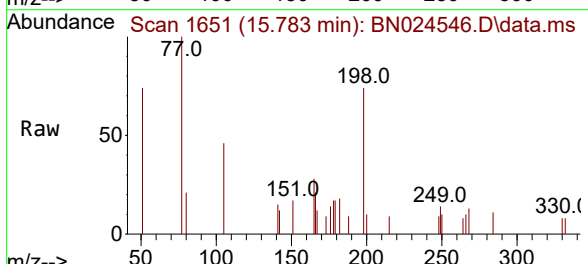
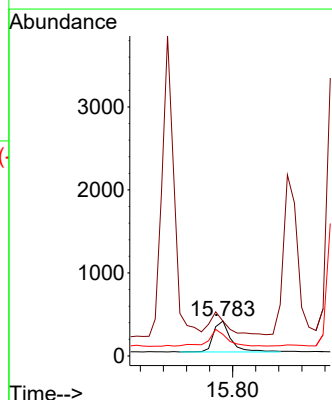
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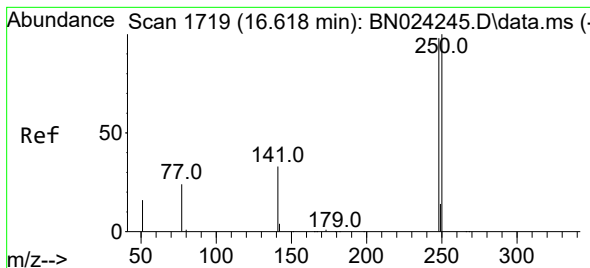
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.330 ng
 RT: 15.783 min Scan# 1651
 Delta R.T. 0.009 min
 Lab File: BN024546.D
 Acq: 24 Mar 2023 15:04

Tgt Ion:198 Resp: 778
 Ion Ratio Lower Upper
 198 100
 51 100.2 68.2 102.2
 105 62.1 51.6 77.4





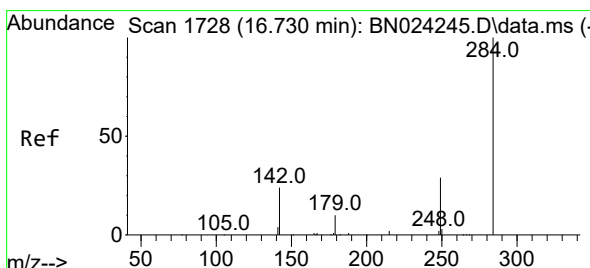
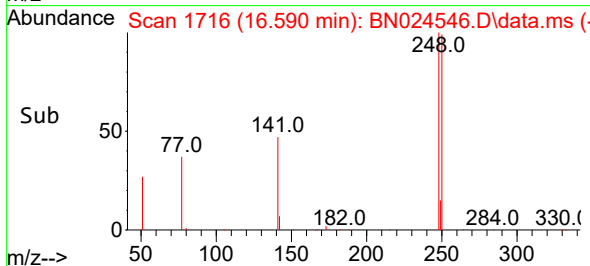
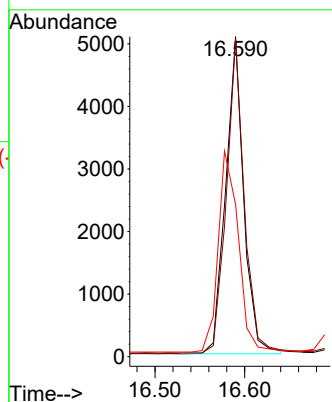
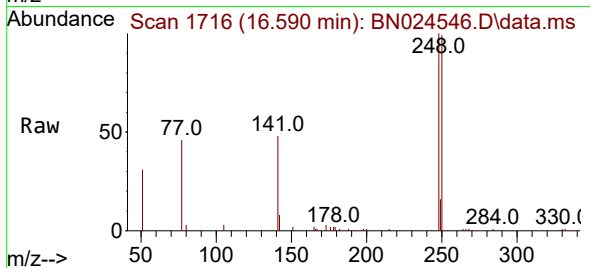
#21
4-Bromophenyl-phenylether
Concen: 0.435 ng
RT: 16.590 min Scan# 1716
Delta R.T. -0.004 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Instrument :
BNA_N
ClientSampleId :
PB151518BS

Tgt Ion:248 Resp: 7100
Ion Ratio Lower Upper
248 100
250 99.5 81.9 122.9
141 47.7 28.2 42.2

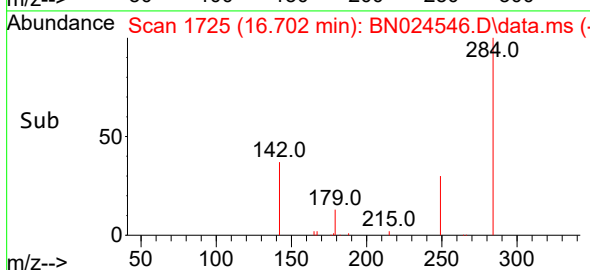
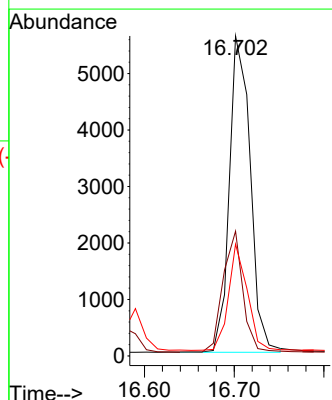
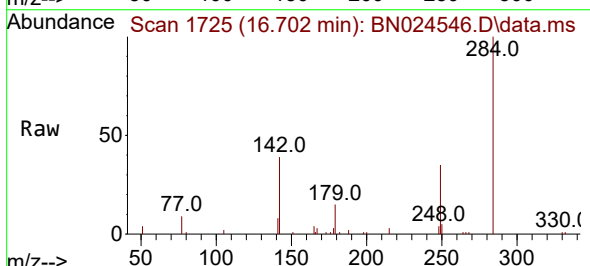
Manual Integrations
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Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#22
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.702 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Tgt Ion:284 Resp: 9067
Ion Ratio Lower Upper
284 100
142 36.0 30.2 45.4
249 30.2 24.5 36.7





#23

Atrazine

Concen: 0.411 ng

RT: 16.850 min Scan# 1737

Delta R.T. -0.004 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

Instrument :

BNA_N

ClientSampleId :

PB151518BS

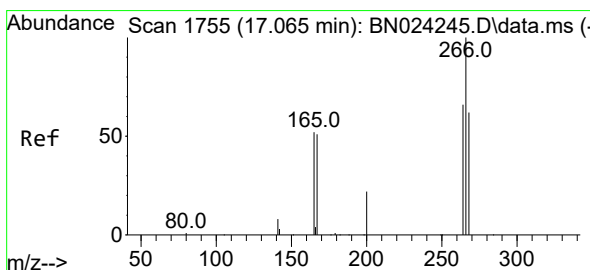
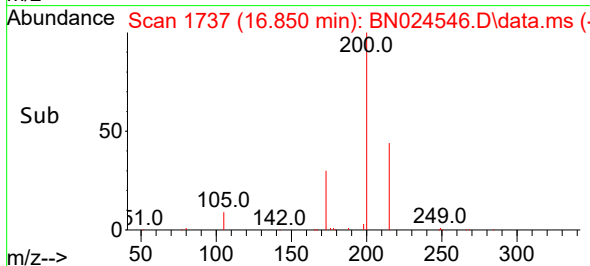
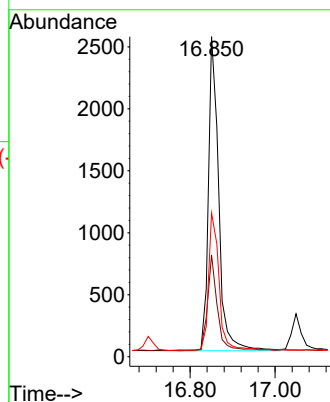
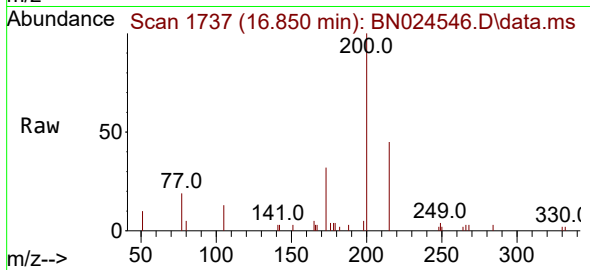
Tgt Ion:	200	Resp:	426
Ion Ratio	Lower	Upper	
200	100		
173	31.8	18.9	28.3
215	44.9	36.7	55.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#24

Pentachlorophenol

Concen: 0.344 ng

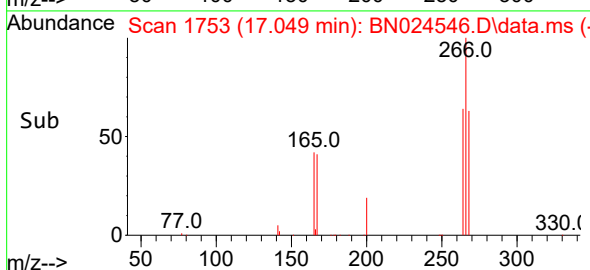
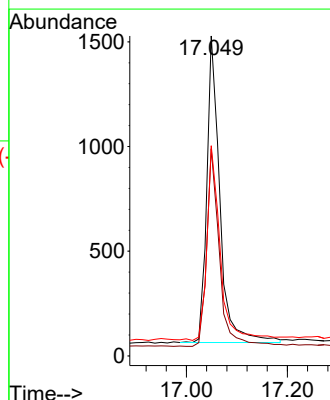
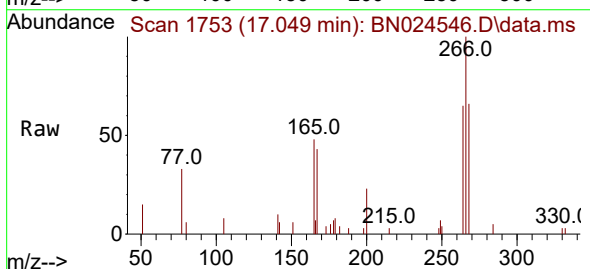
RT: 17.049 min Scan# 1753

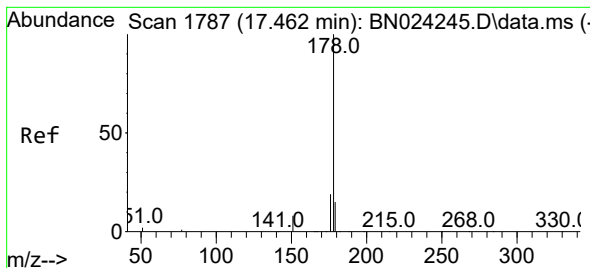
Delta R.T. -0.004 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

Tgt Ion:	266	Resp:	2631
Ion Ratio	Lower	Upper	
266	100		
264	62.8	51.1	76.7
268	64.0	52.2	78.4





#25

Phenanthrene

Concen: 0.445 ng

RT: 17.446 min Scan# 1785

Delta R.T. 0.009 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

Instrument :

BNA_N

ClientSampleId :

PB151518BS

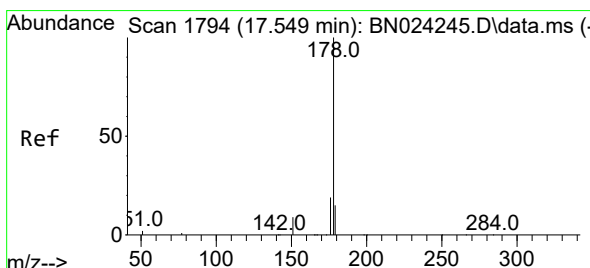
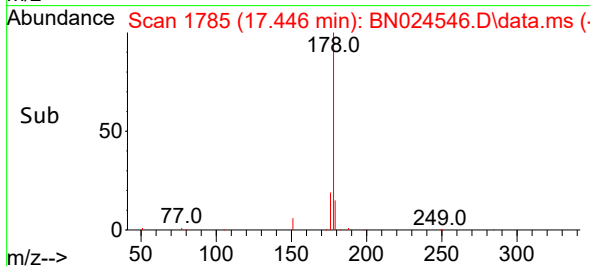
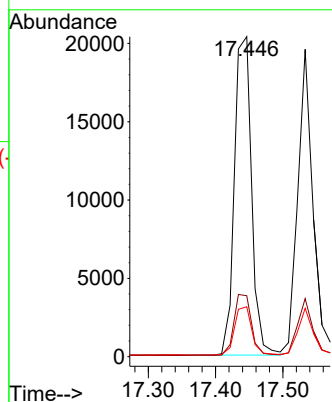
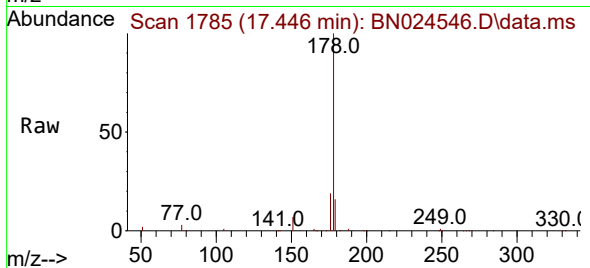
Tgt Ion:	178	Resp:	36210
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.0
179	15.2	12.2	18.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#26

Anthracene

Concen: 0.410 ng

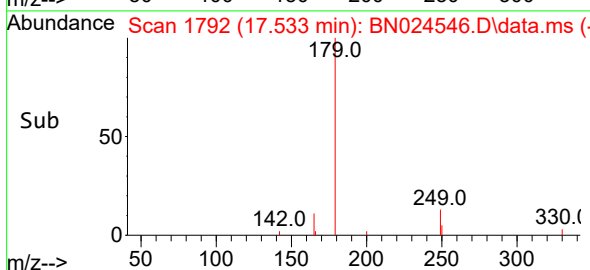
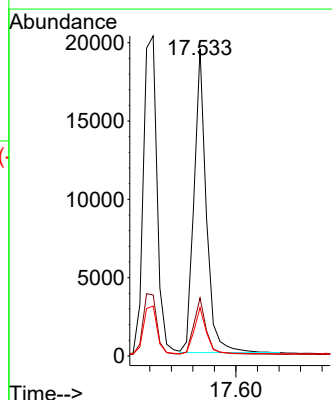
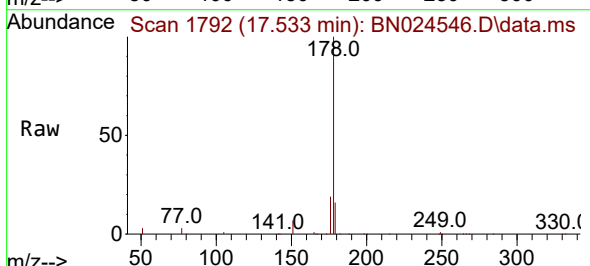
RT: 17.533 min Scan# 1792

Delta R.T. -0.004 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

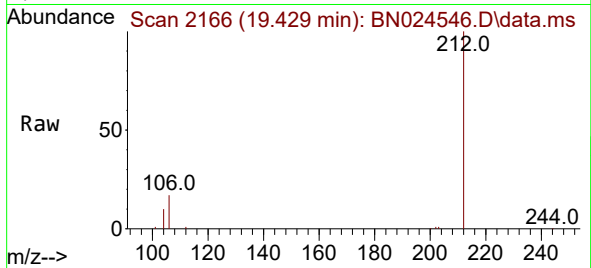
Tgt Ion:	178	Resp:	30790
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.1	22.7
179	15.2	12.1	18.1





#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.429 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

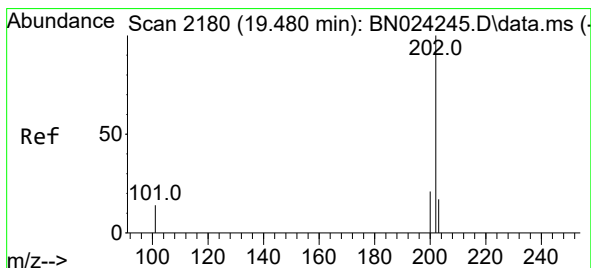
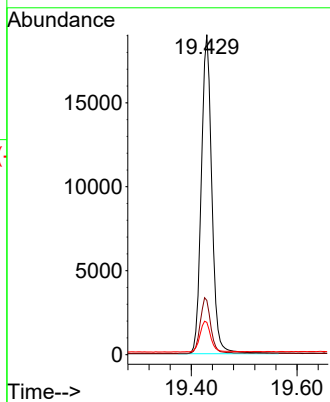
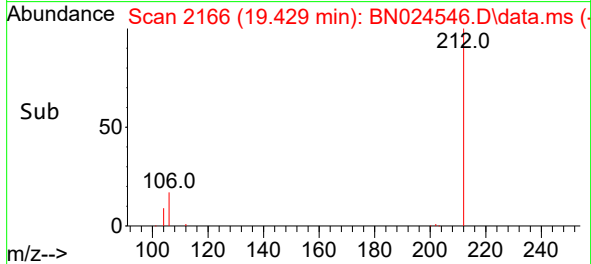
Instrument :
BNA_N
ClientSampleId :
PB151518BS



Tgt Ion:212 Resp: 2629
Ion Ratio Lower Upper
212 100
106 17.5 15.4 23.2
104 10.1 8.6 13.0

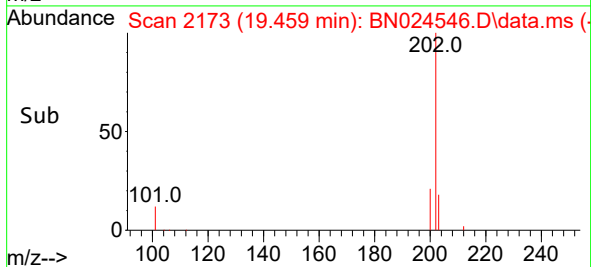
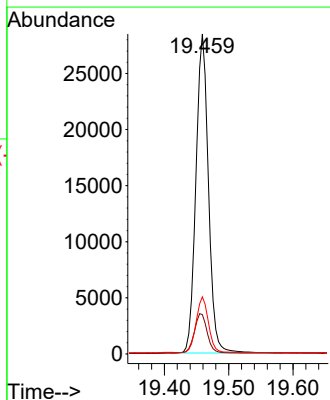
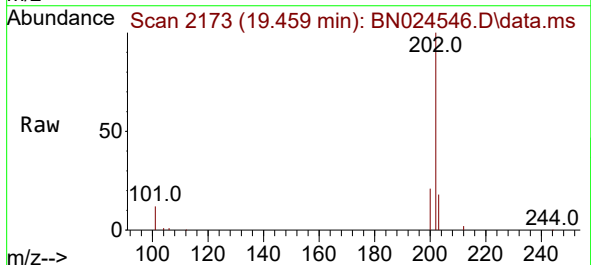
Manual Integrations
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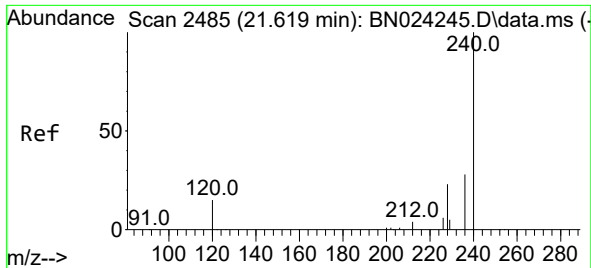
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#28
Fluoranthene
Concen: 0.433 ng
RT: 19.459 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Tgt Ion:202 Resp: 38551
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
203 17.2 13.6 20.4





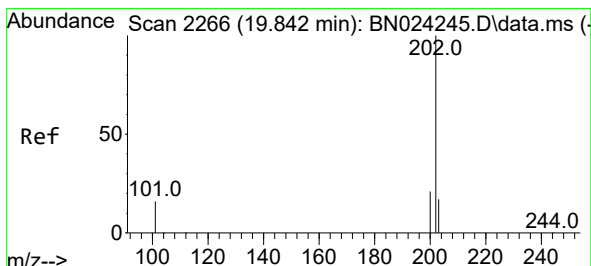
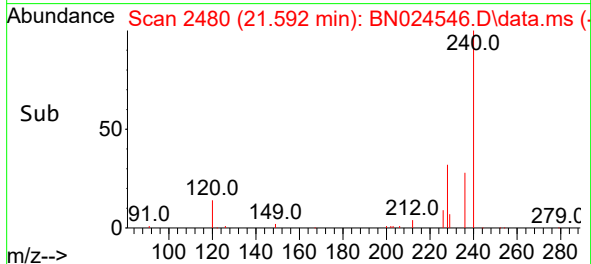
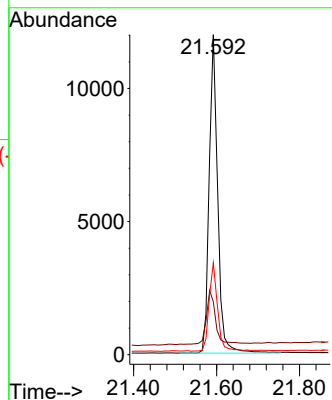
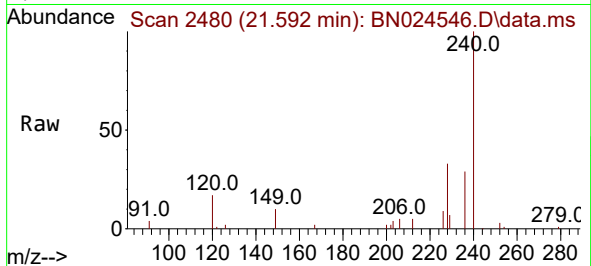
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Instrument :
BNA_N
ClientSampleId :
PB151518BS

Tgt Ion:240 Resp: 1713
Ion Ratio Lower Upper
240 100
120 16.6 12.8 19.2
236 28.7 22.5 33.7

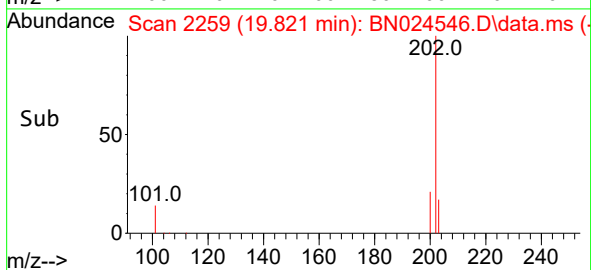
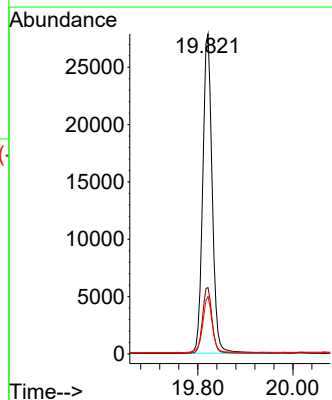
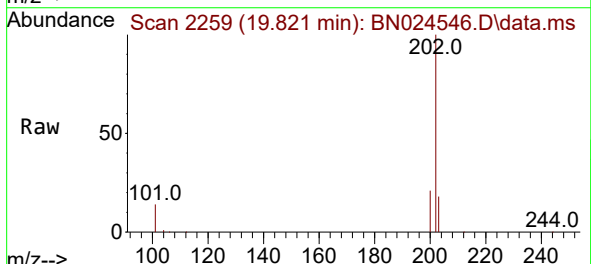
Manual Integrations
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Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#30
Pyrene
Concen: 0.554 ng
RT: 19.821 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Tgt Ion:202 Resp: 38462
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.6 14.2 21.2





#31

Terphenyl-d14

Concen: 0.508 ng

RT: 20.016 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024546.D

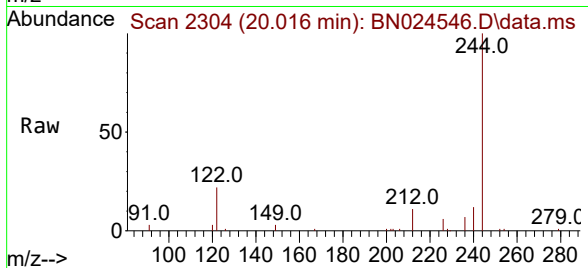
Acq: 24 Mar 2023 15:04

Instrument :

BNA_N

ClientSampleId :

PB151518BS



Tgt Ion:244 Resp: 14680

Ion Ratio Lower Upper

244 100

212 10.7 7.6 11.4

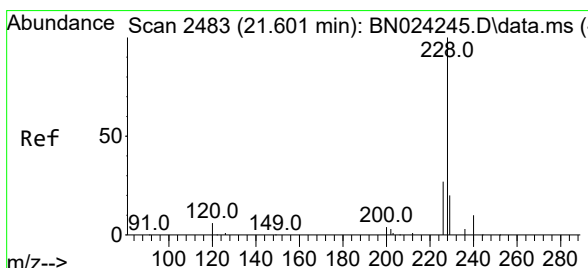
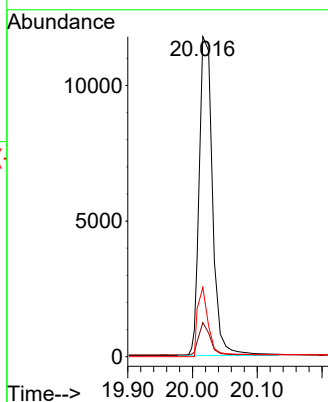
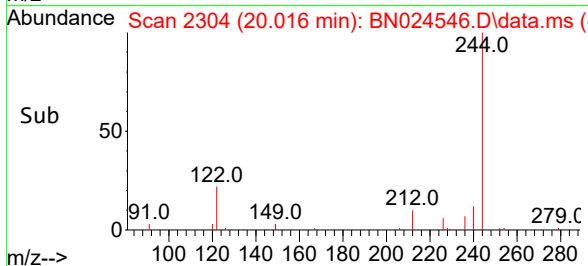
122 21.6 15.1 22.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#32

Benzo(a)anthracene

Concen: 0.454 ng

RT: 21.574 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

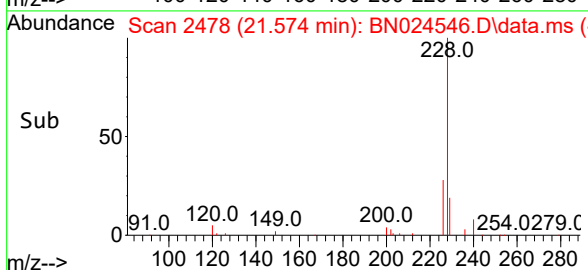
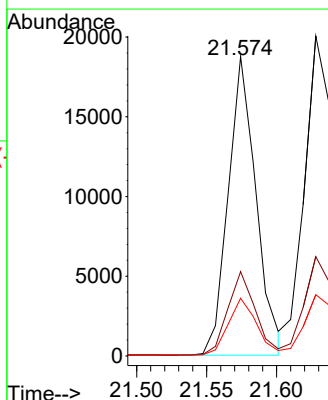
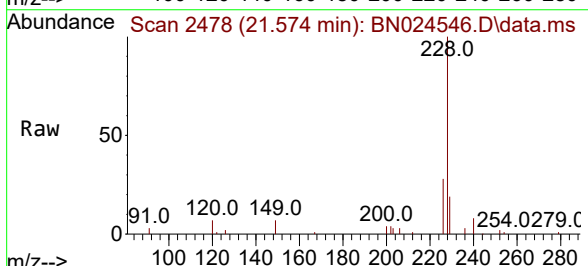
Tgt Ion:228 Resp: 25964

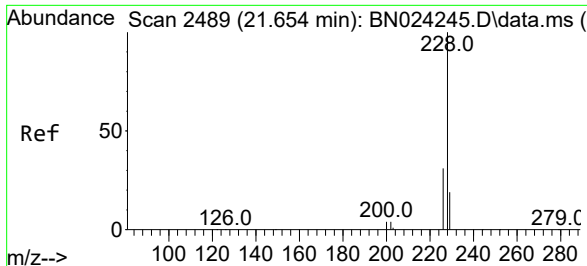
Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.2

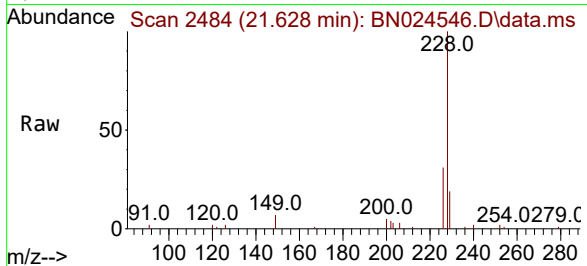
229 19.3 15.9 23.9





#33
Chrysene
Concen: 0.490 ng
RT: 21.628 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

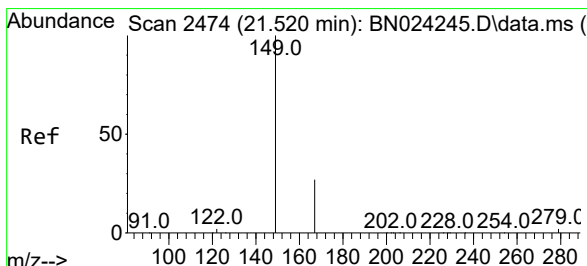
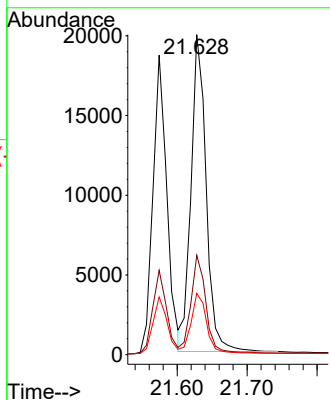
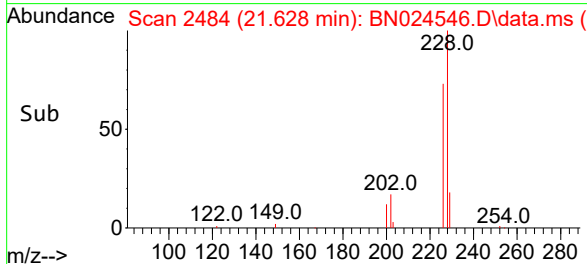
Instrument :
BNA_N
ClientSampleId :
PB151518BS



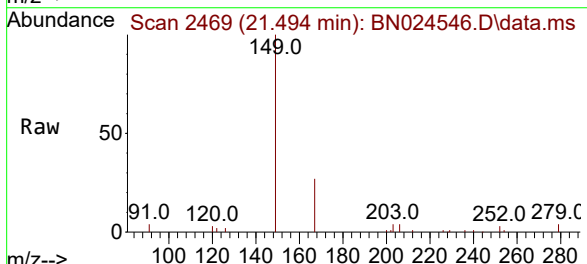
Tgt Ion:228 Resp: 2991
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 19.2 15.5 23.3

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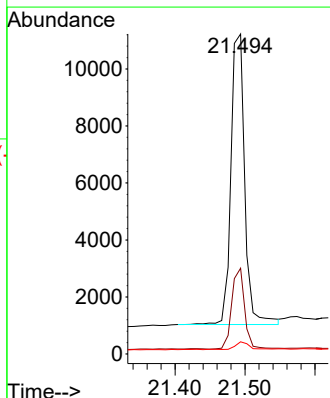
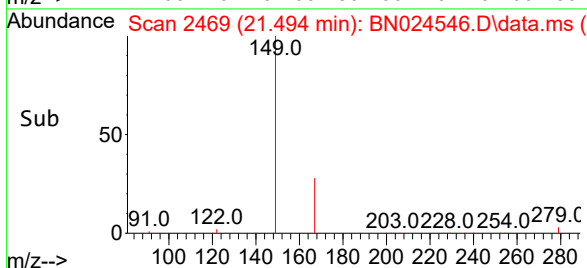
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

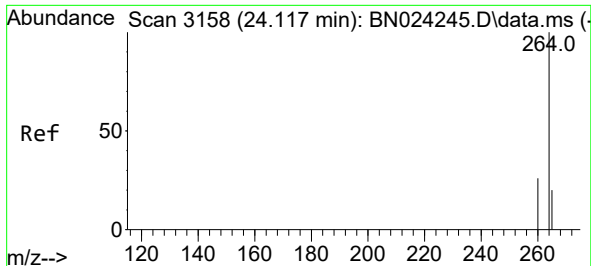


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.521 ng
RT: 21.494 min Scan# 2469
Delta R.T. 0.009 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04



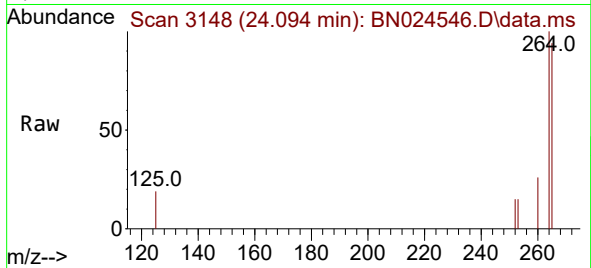
Tgt Ion:149 Resp: 14021
Ion Ratio Lower Upper
149 100
167 26.0 21.2 31.8
279 3.0 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.094 min Scan# 3158
 Delta R.T. -0.003 min
 Lab File: BN024546.D
 Acq: 24 Mar 2023 15:04

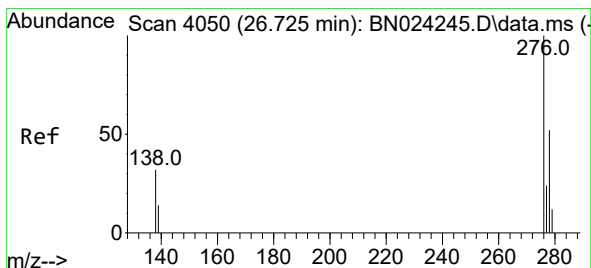
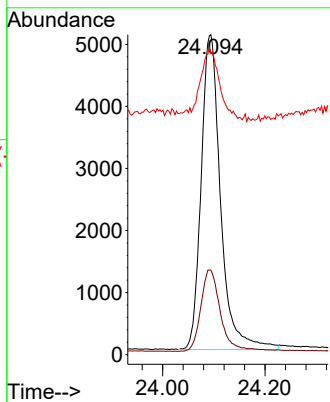
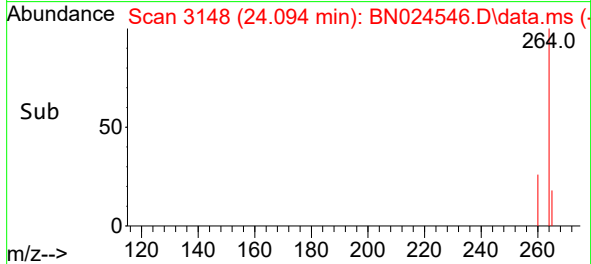
Instrument :
 BNA_N
 ClientSampleId :
 PB151518BS



Tgt Ion:264 Resp: 1339
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.4 32.2
 265 94.1 35.7 53.5

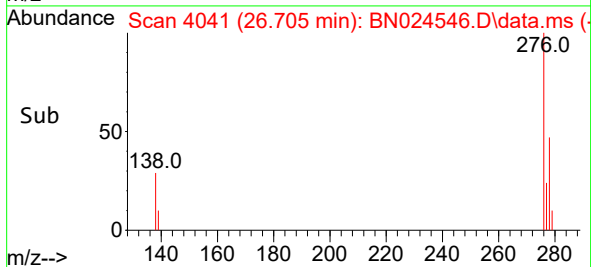
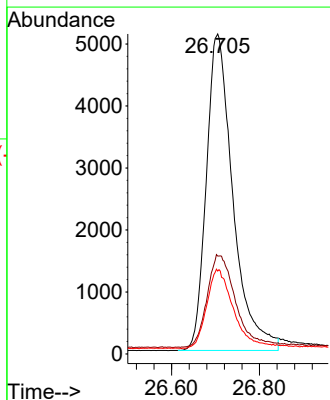
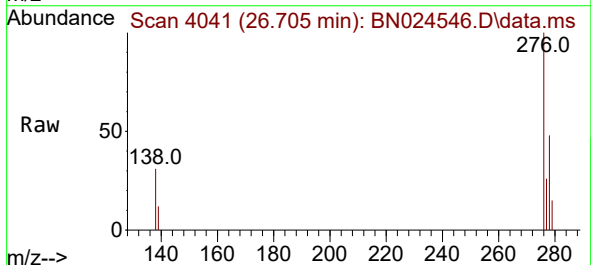
Manual Integrations
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Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.428 ng
 RT: 26.705 min Scan# 4041
 Delta R.T. -0.003 min
 Lab File: BN024546.D
 Acq: 24 Mar 2023 15:04

Tgt Ion:276 Resp: 21445
 Ion Ratio Lower Upper
 276 100
 138 31.3 27.4 41.2
 277 25.3 19.8 29.6





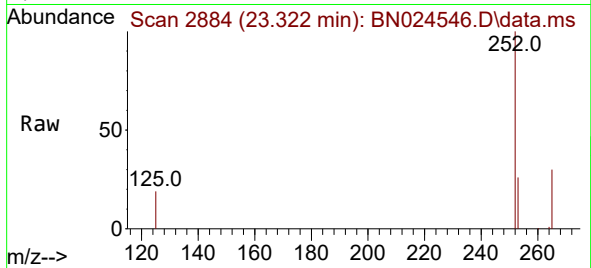
#37
Benzo(b)fluoranthene
Concen: 0.455 ng
RT: 23.322 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Instrument :

BNA_N

ClientSampleId :

PB151518BS

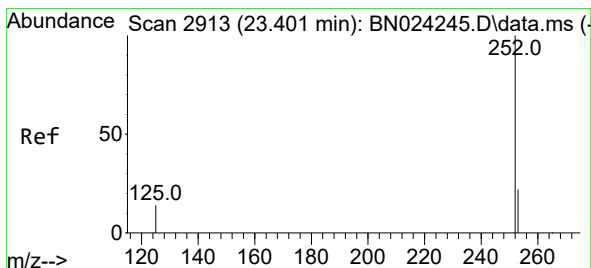
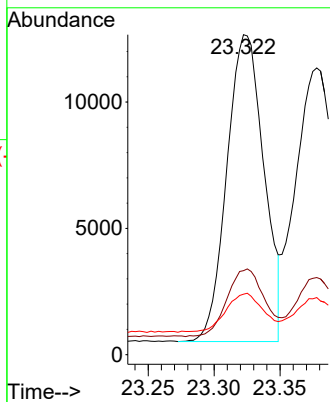
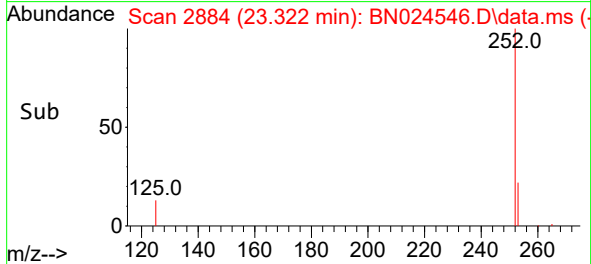


Tgt Ion:252 Resp: 23692
Ion Ratio Lower Upper
252 100
253 26.3 18.9 28.3
125 18.9 13.8 20.6

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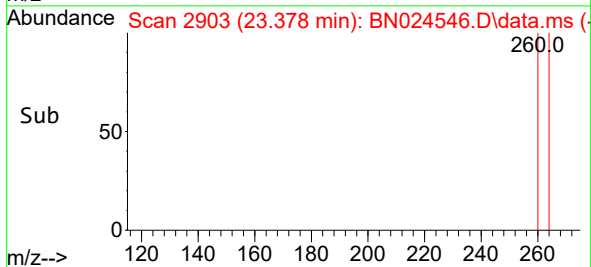
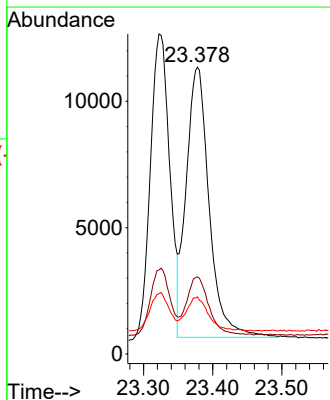
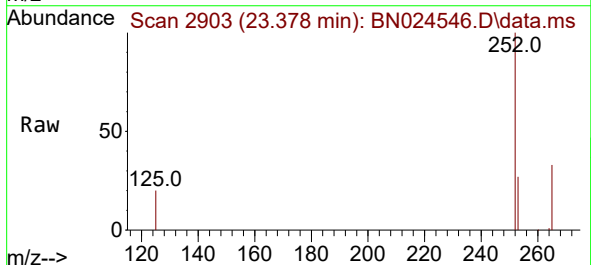
APPROVED

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#38
Benzo(k)fluoranthene
Concen: 0.461 ng m
RT: 23.378 min Scan# 2903
Delta R.T. 0.003 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Tgt Ion:252 Resp: 24752
Ion Ratio Lower Upper
252 100
253 26.9 19.0 28.6
125 19.9 13.5 20.3





#39

Benzo(a)pyrene

Concen: 0.428 ng

RT: 23.977 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

Instrument :

BNA_N

ClientSampleId :

PB151518BS

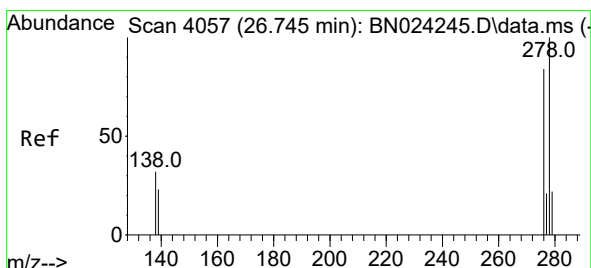
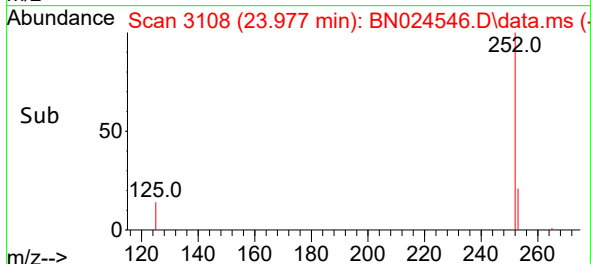
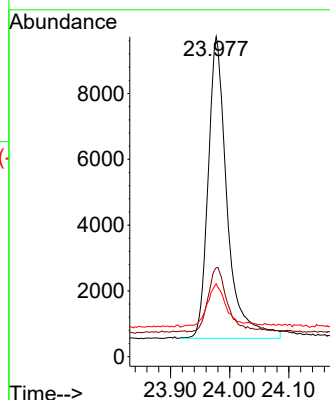
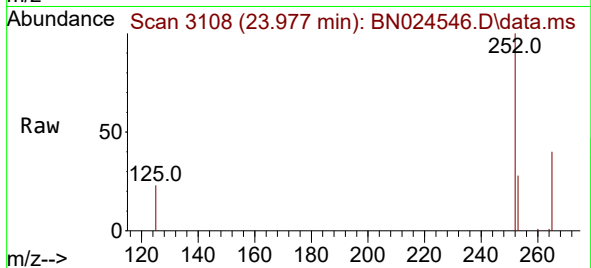
Tgt Ion:	252	Resp:	2043
Ion Ratio	Lower	Upper	
252	100		
253	27.8	19.5	29.3
125	22.8	16.2	24.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.412 ng

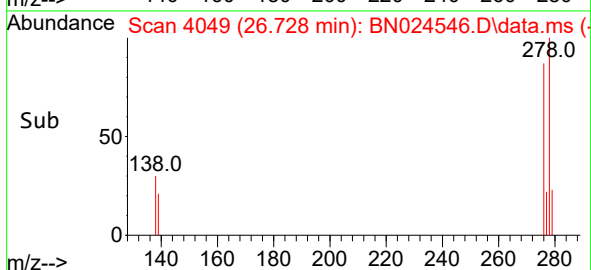
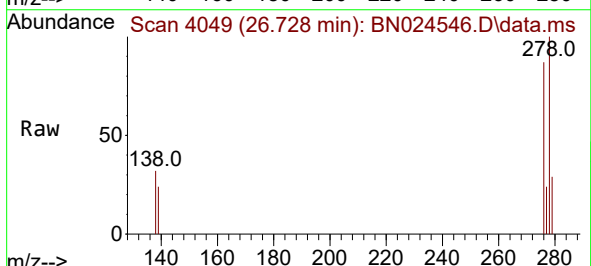
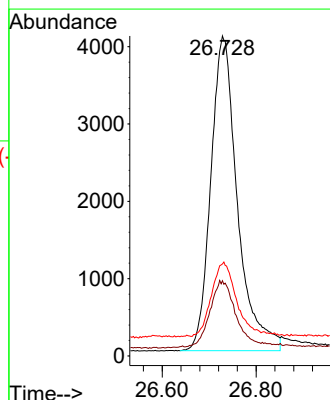
RT: 26.728 min Scan# 4049

Delta R.T. -0.003 min

Lab File: BN024546.D

Acq: 24 Mar 2023 15:04

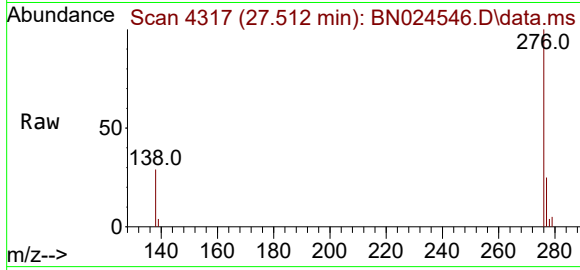
Tgt Ion:	278	Resp:	16020
Ion Ratio	Lower	Upper	
278	100		
139	23.5	19.4	29.0
279	28.8	20.7	31.1





#41
Benzo(g,h,i)perylene
Concen: 0.453 ng
RT: 27.512 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN024546.D
Acq: 24 Mar 2023 15:04

Instrument :
BNA_N
ClientSampleId :
PB151518BS



Tgt Ion:276 Resp: 2053
Ion Ratio Lower Upper
276 100
277 25.4 19.9 29.9
138 29.1 24.5 36.7

Manual Integrations
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Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

