

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111422\
 Data File : BN022638.D
 Acq On : 14 Nov 2022 13:56
 Operator : CG/JU
 Sample : PB148986BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148986BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : mohammad ahmed 11/15/2022

Quant Time: Nov 15 00:39:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 00:38:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	1633	0.400	ng	0.00
7) Naphthalene-d8	10.709	136	4970	0.400	ng	# 0.00
13) Acenaphthene-d10	14.561	164	2986	0.400	ng	0.00
19) Phenanthrene-d10	17.329	188	6272	0.400	ng	# 0.00
29) Chrysene-d12	21.537	240	5508	0.400	ng	0.00
35) Perylene-d12	23.973	264	4594	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	1780	0.354	ng	0.00
5) Phenol-d6	7.068	99	2195	0.351	ng	0.00
8) Nitrobenzene-d5	9.065	82	1828	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.312	152	3342	0.405	ng	0.00
14) 2,4,6-Tribromophenol	16.075	330	591	0.357	ng	0.00
15) 2-Fluorobiphenyl	13.192	172	4961	0.414	ng	0.00
27) Fluoranthene-d10	19.365	212	7283	0.400	ng	0.00
31) Terphenyl-d14	19.968	244	6953	0.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.233	88	952	0.415	ng	# 90
3) n-Nitrosodimethylamine	3.587	42	976	0.370	ng	99
6) bis(2-Chloroethyl)ether	7.314	93	2023	0.377	ng	98
9) Naphthalene	10.763	128	6052	0.302	ng	100
10) Hexachlorobutadiene	11.040	225	1135	0.423	ng	# 99
12) 2-Methylnaphthalene	12.047	142	1098	0.316	ng	97
16) Acenaphthylene	14.283	152	5422	0.383	ng	100
17) Acenaphthene	14.625	154	3942	0.415	ng	99
18) Fluorene	15.619	166	5388	0.382	ng	99
20) 4,6-Dinitro-2-methylph...	15.728	198	366	0.298	ng	# 1
21) 4-Bromophenyl-phenylether	16.510	248	1541	0.413	ng	# 86
22) Hexachlorobenzene	16.621	284	1822	0.440	ng	99
23) Atrazine	16.795	200	1273	0.357	ng	94
24) Pentachlorophenol	16.981	266	611	0.322	ng	99
25) Phenanthrene	17.366	178	8557	0.393	ng	99
26) Anthracene	17.453	178	6918	0.382	ng	99
28) Fluoranthene	19.398	202	9224	0.403	ng	99
30) Pyrene	19.765	202	9360	0.406	ng	99
32) Benzo(a)anthracene	21.519	228	7935	0.376	ng	99
33) Chrysene	21.573	228	8975	0.429	ng	100
34) Bis(2-ethylhexyl)phtha...	21.438	149	4669	0.303	ng	99
36) Indeno(1,2,3-cd)pyrene	26.522	276	8599	0.439	ng	100
37) Benzo(b)fluoranthene	23.224	252	7850	0.430	ng	98
38) Benzo(k)fluoranthene	23.274	252	8137m	0.439	ng	
39) Benzo(a)pyrene	23.865	252	6129	0.410	ng	99
40) Dibenzo(a,h)anthracene	26.543	278	6892	0.439	ng	99
41) Benzo(g,h,i)perylene	27.306	276	7429	0.457	ng	99

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

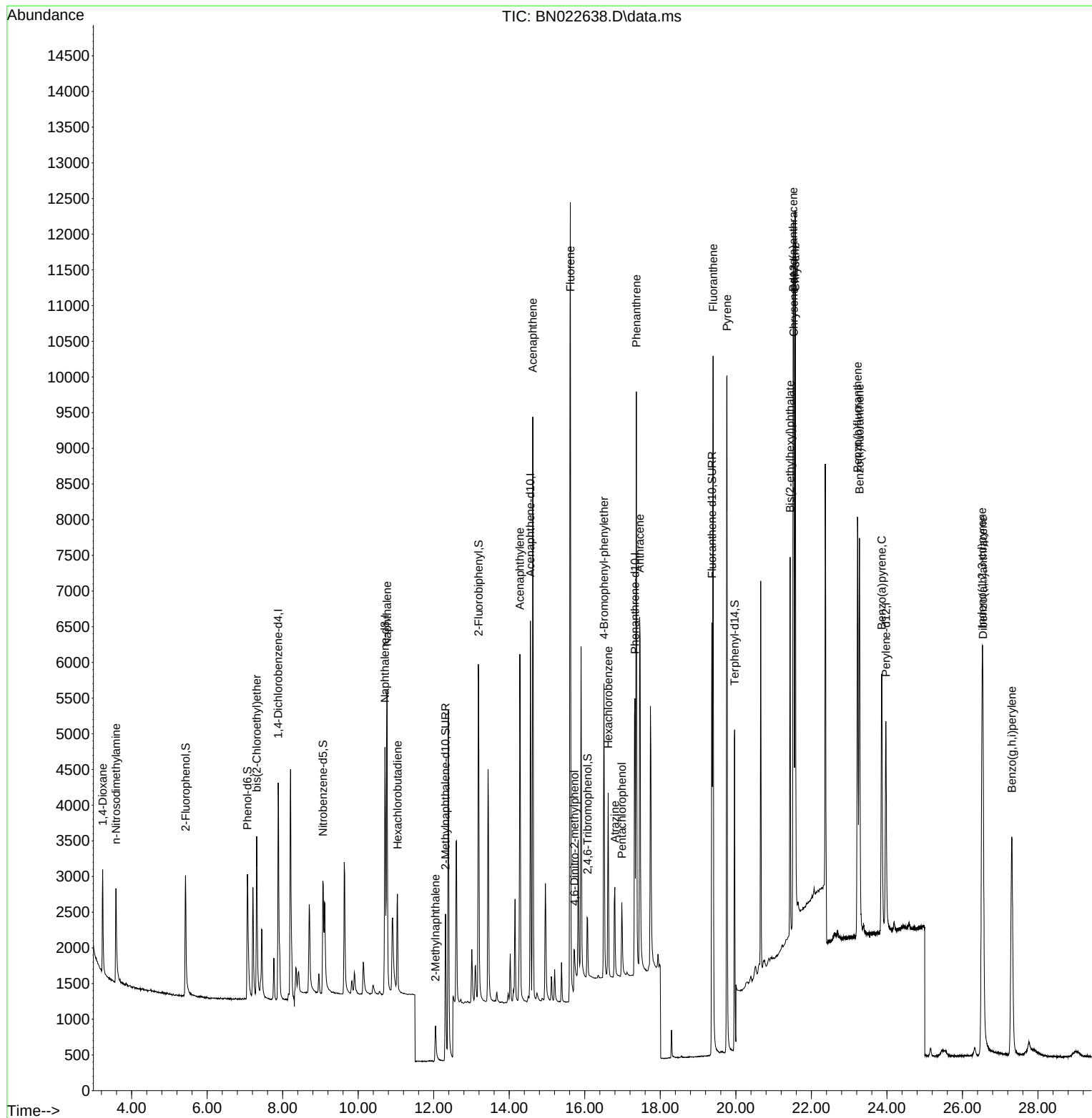
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111422\
 Data File : BN022638.D
 Acq On : 14 Nov 2022 13:56
 Operator : CG/JU
 Sample : PB148986BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

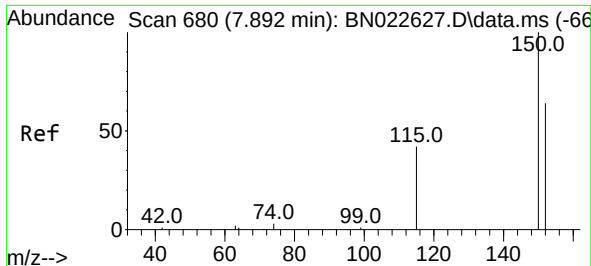
Instrument :
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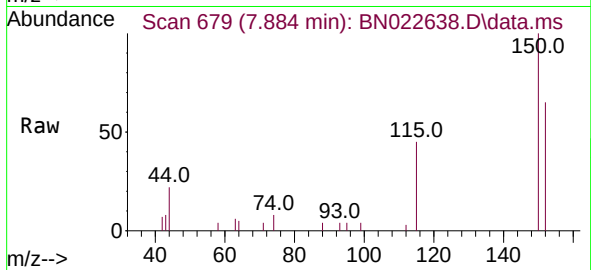
Quant Time: Nov 15 00:39:56 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.884 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

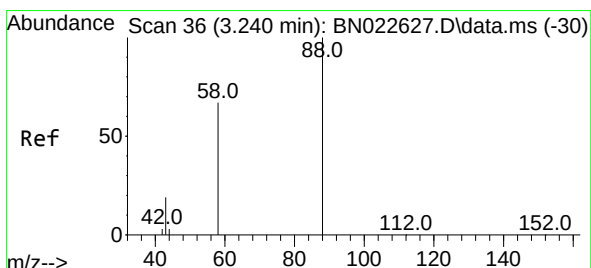
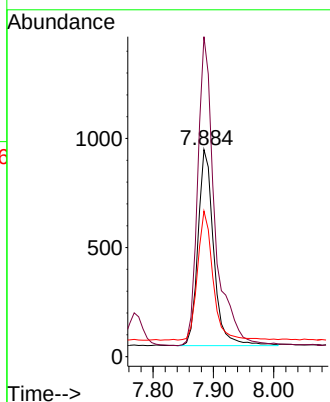
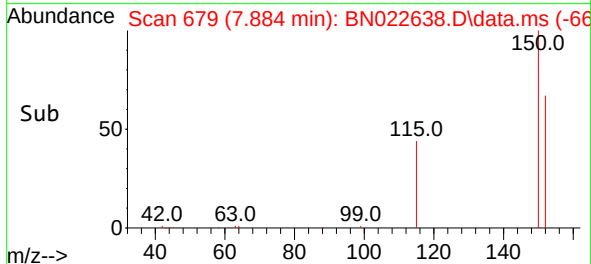
Instrument :
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PB148986BSD



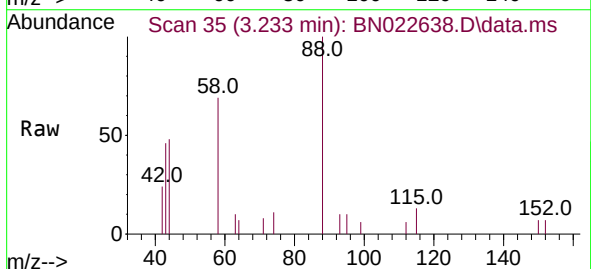
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Ion Ratio Lower Upper
152 100
150 154.6 122.2 183.4
115 70.3 56.3 84.5

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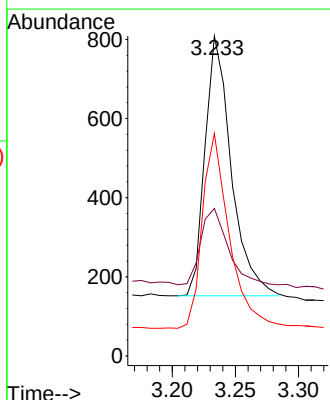
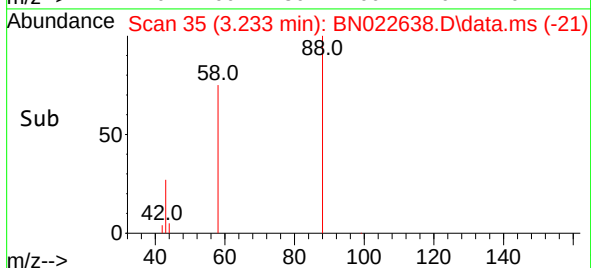
Reviewed By :Christian Giraldo 11/15/2022
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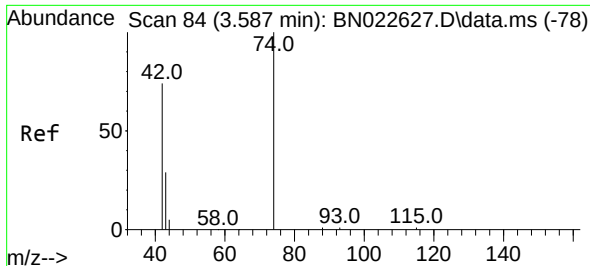


#2
1,4-Dioxane
Concen: 0.415 ng
RT: 3.233 min Scan# 35
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56



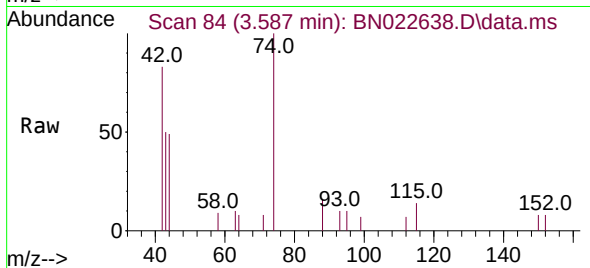
Tgt Ion: 88 Resp: 952
Ion Ratio Lower Upper
88 100
43 30.3 34.9 52.3#
58 76.8 58.8 88.2





#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.587 min Scan# 84
Delta R.T. 0.007 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

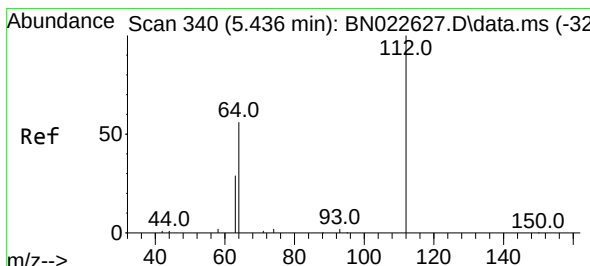
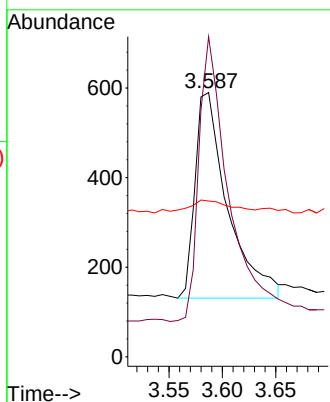
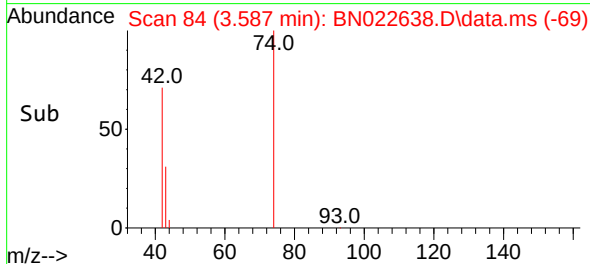
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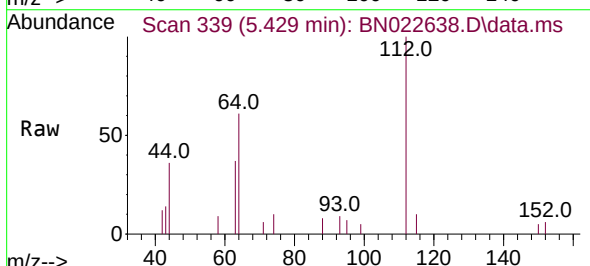
Tgt Ion: 42 Resp: 976
Ion Ratio Lower Upper
42 100
74 128.2 101.3 151.9
44 8.3 7.4 11.0

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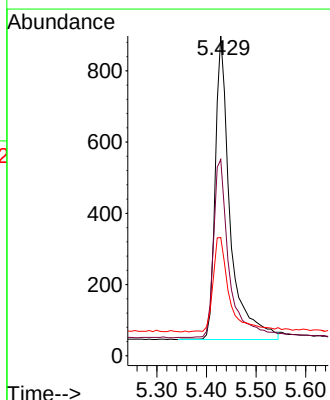
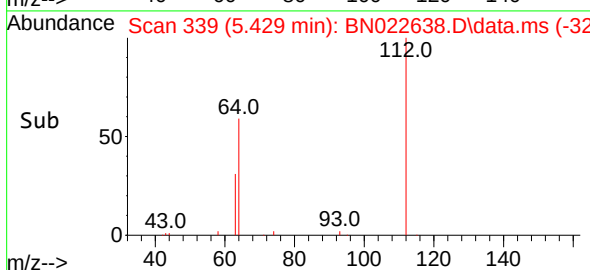
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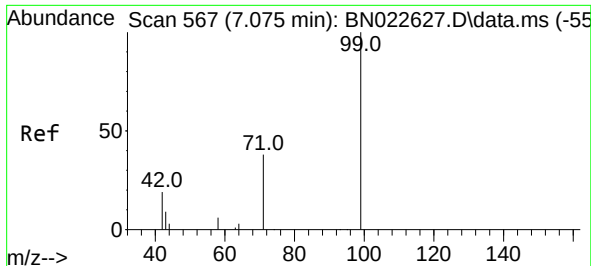


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.429 min Scan# 339
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56



Tgt Ion:112 Resp: 1780
Ion Ratio Lower Upper
112 100
64 61.1 49.8 74.6
63 34.2 26.0 39.0





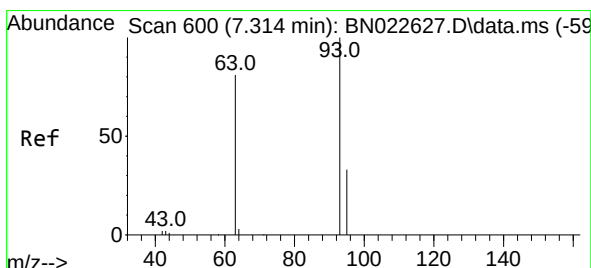
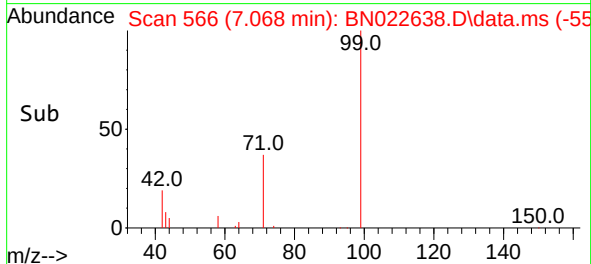
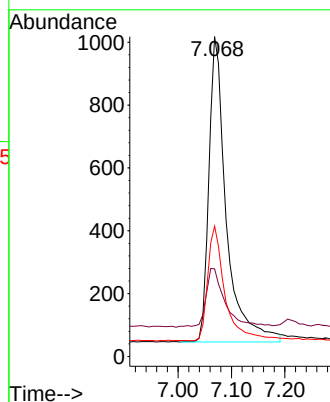
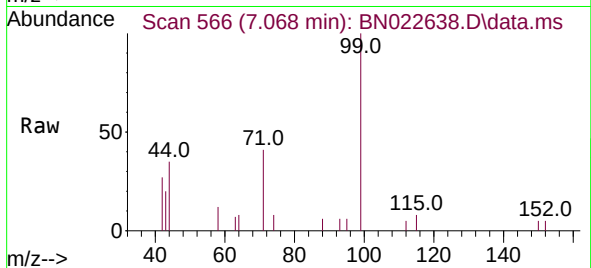
#5
Phenol-d6
Concen: 0.351 ng
RT: 7.068 min Scan# 567
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 2195
Ion Ratio Lower Upper
99 100
42 21.2 16.9 25.3
71 37.5 30.2 45.4

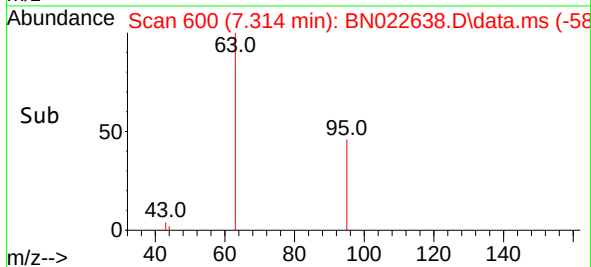
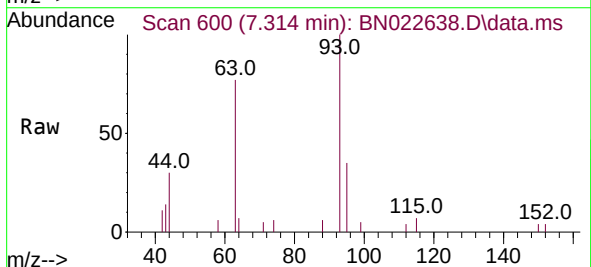
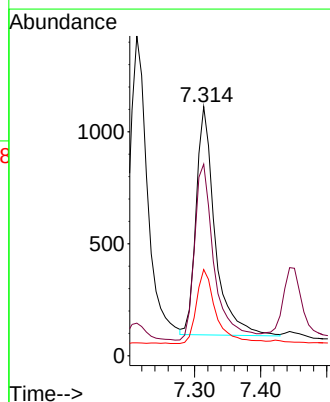
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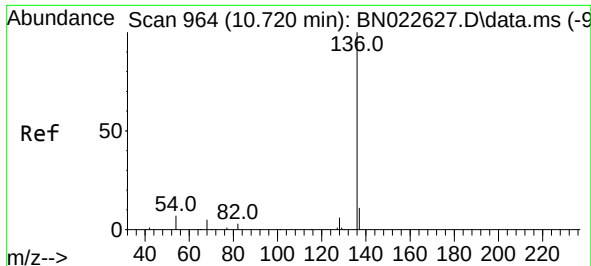
Reviewed By :Christian Giraldo 11/15/2022
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#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.314 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion: 93 Resp: 2023
Ion Ratio Lower Upper
93 100
63 80.0 62.5 93.7
95 33.5 26.1 39.1





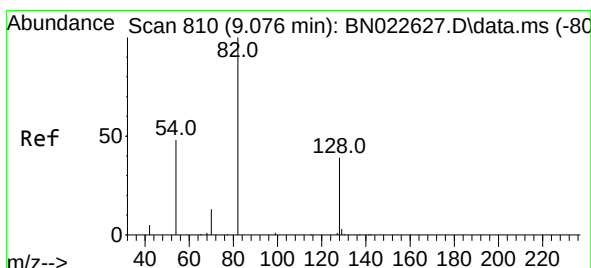
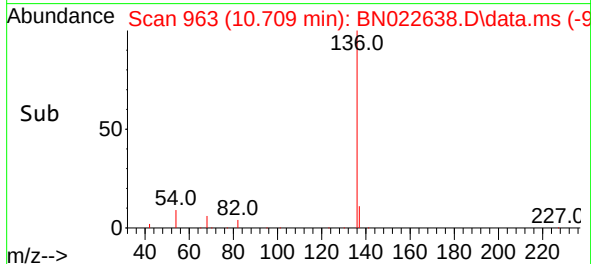
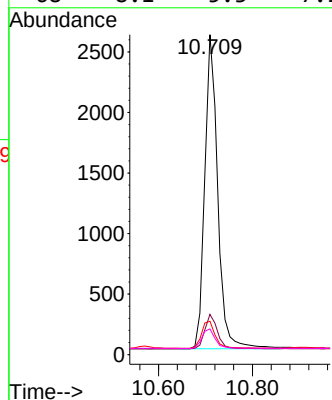
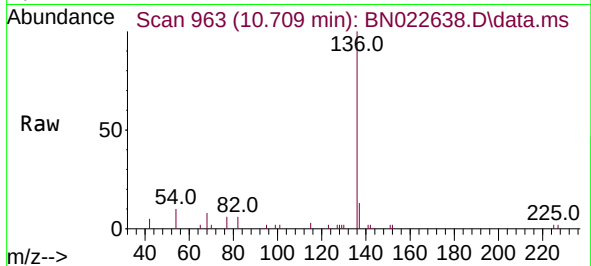
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.709 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:136 Resp: 4970
Ion Ratio Lower Upper
136 100
137 12.6 10.0 15.0
54 10.4 7.0 10.4
68 8.1 5.3 7.9#

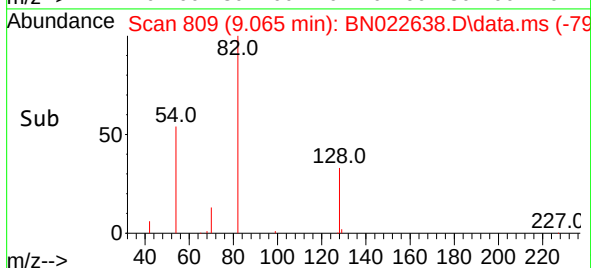
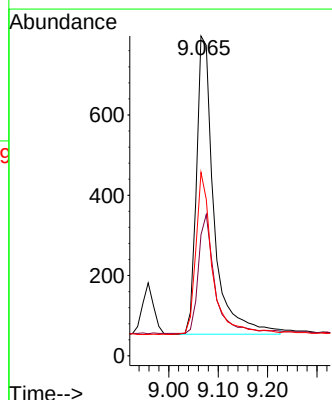
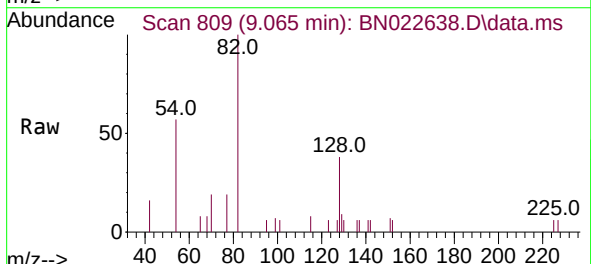
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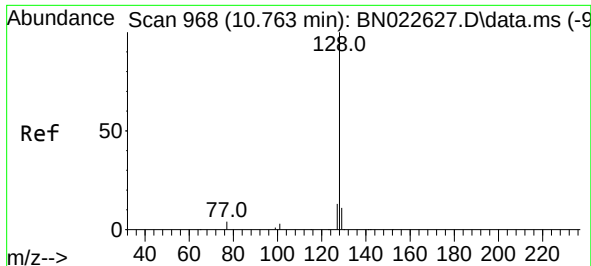
Reviewed By :Christian Giraldo 11/15/2022
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#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.065 min Scan# 809
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion: 82 Resp: 1828
Ion Ratio Lower Upper
82 100
128 37.9 34.6 51.8
54 57.3 40.4 60.6





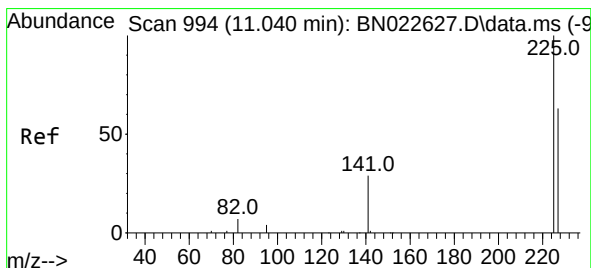
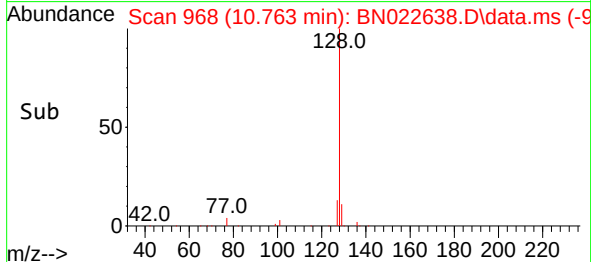
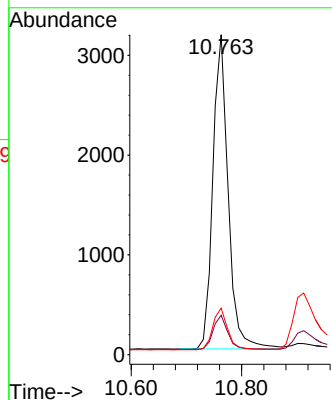
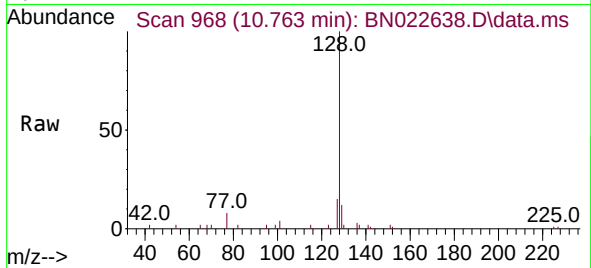
#9
Naphthalene
Concen: 0.302 ng
RT: 10.763 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
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ClientSampleId :
PB148986BSD

Tgt Ion:128 Resp: 6052
Ion Ratio Lower Upper
128 100
129 12.3 9.9 14.9
127 14.5 11.4 17.2

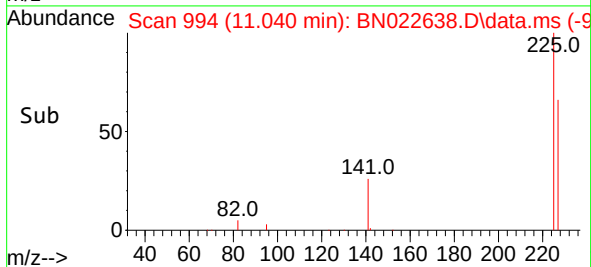
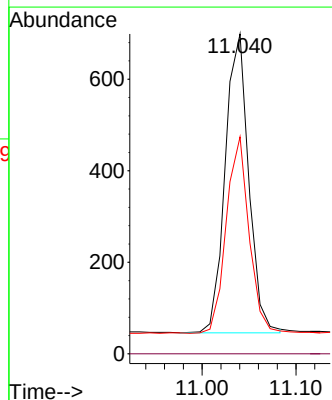
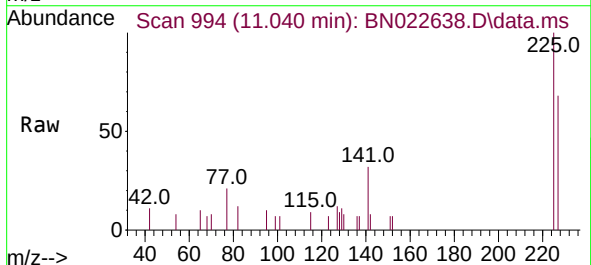
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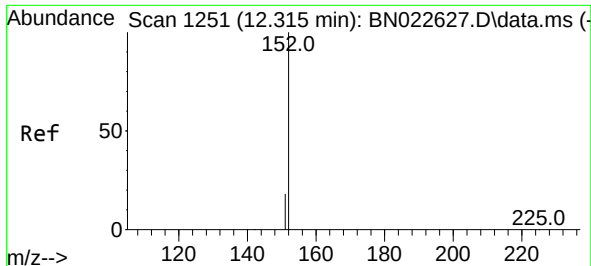
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 11.040 min Scan# 994
Delta R.T. 0.011 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

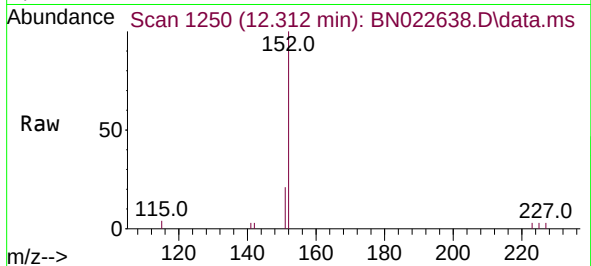
Tgt Ion:225 Resp: 1135
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 51.3 76.9





#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.312 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

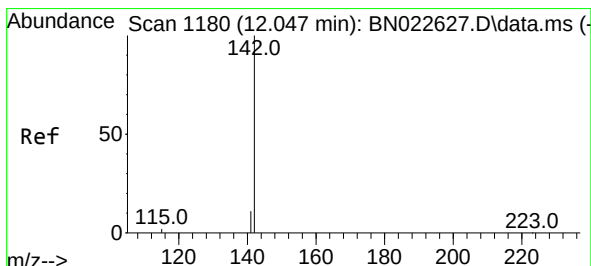
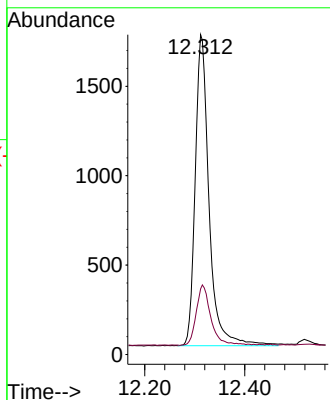
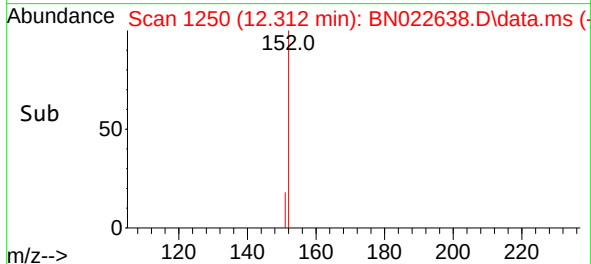
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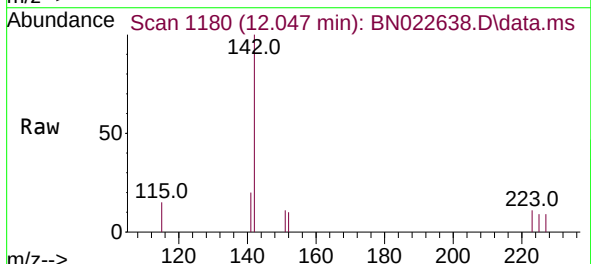
Tgt Ion:152 Resp: 3342
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5

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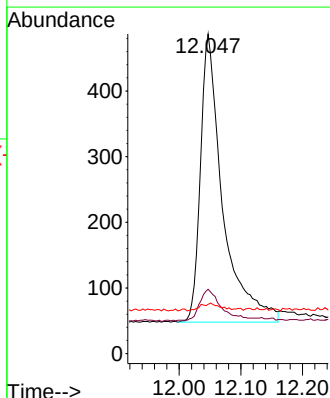
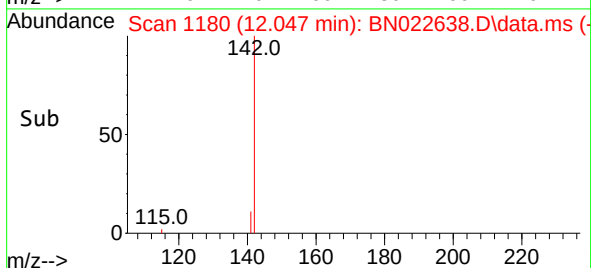
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022

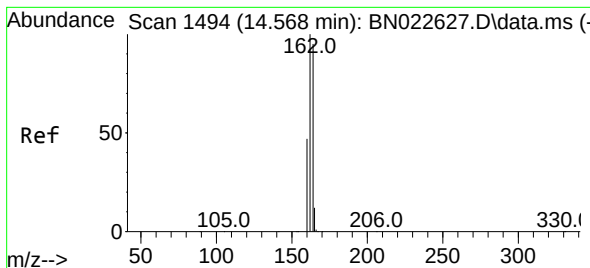


#12
2-Methylnaphthalene
Concen: 0.316 ng
RT: 12.047 min Scan# 1180
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56



Tgt Ion:142 Resp: 1098
Ion Ratio Lower Upper
142 100
141 20.1 14.9 22.3
115 15.4 11.3 16.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.561 min Scan# 1494

Delta R.T. 0.004 min

Lab File: BN022638.D

Acq: 14 Nov 2022 13:56

Instrument :

BNA_N

ClientSampleId :

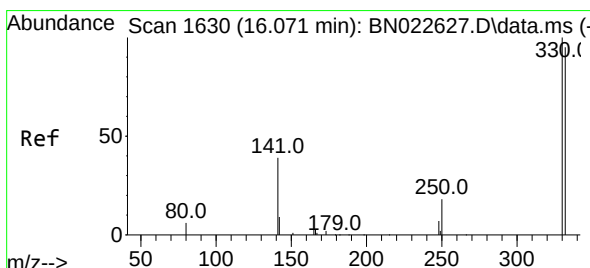
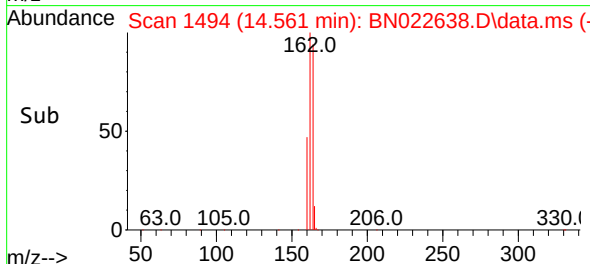
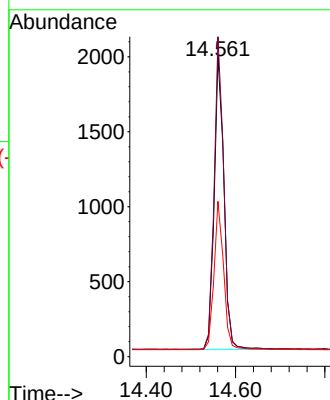
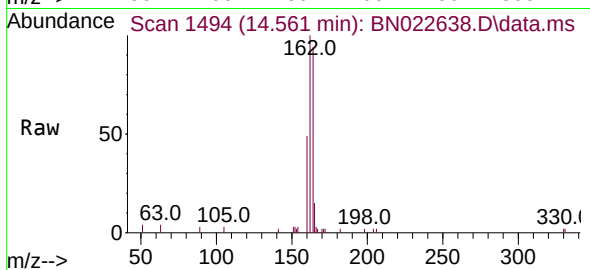
PB148986BSD

Tgt Ion:	164	Resp:	2986
Ion Ratio	Lower	Upper	
164	100		
162	106.5	84.1	126.1
160	51.7	40.2	60.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#14

2,4,6-Tribromophenol

Concen: 0.357 ng

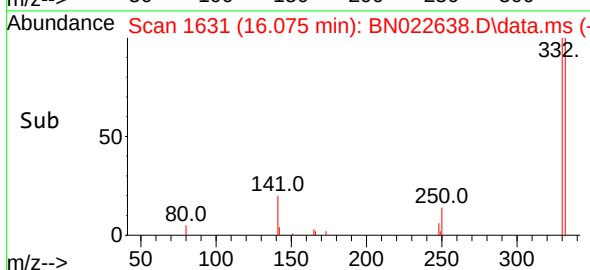
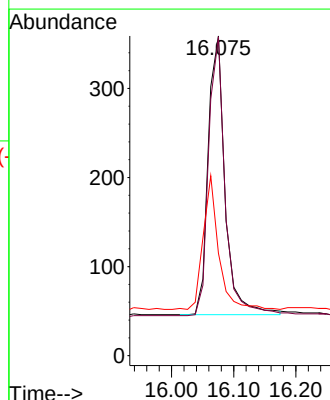
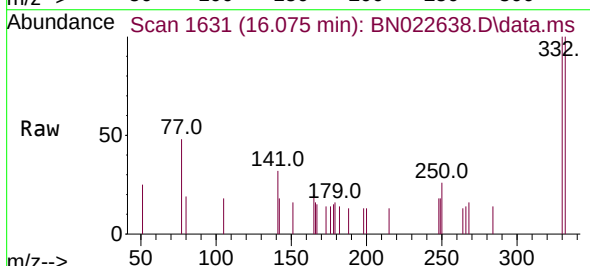
RT: 16.075 min Scan# 1631

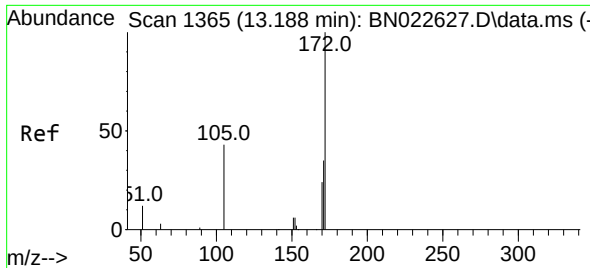
Delta R.T. 0.004 min

Lab File: BN022638.D

Acq: 14 Nov 2022 13:56

Tgt Ion:	330	Resp:	591
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.2	115.8
141	43.7	46.2	69.2





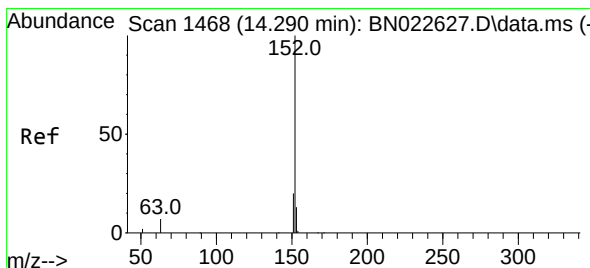
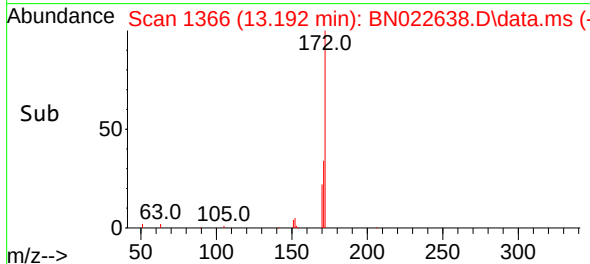
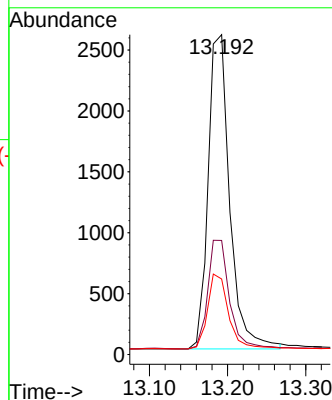
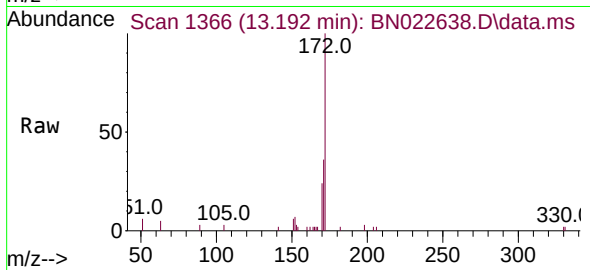
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.192 min Scan# 1365
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:172 Resp: 4963
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.6 20.1 30.1

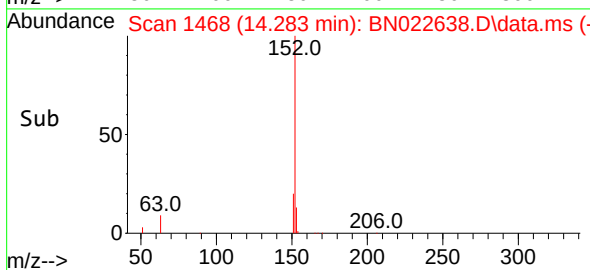
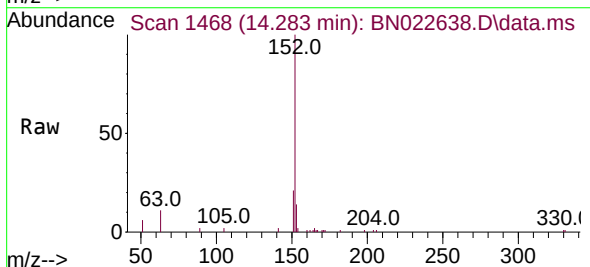
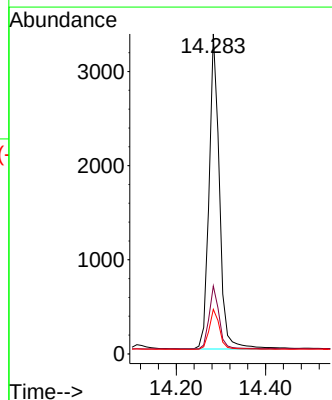
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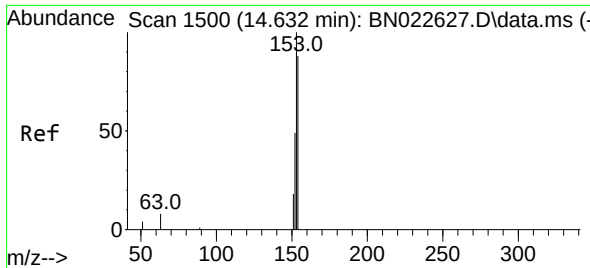
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.283 min Scan# 1468
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

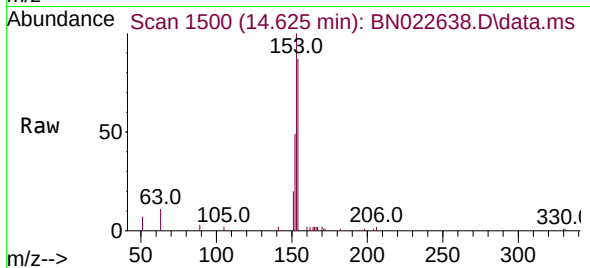
Tgt Ion:152 Resp: 5422
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.9 10.3 15.5





#17
Acenaphthene
Concen: 0.415 ng
RT: 14.625 min Scan# 1500
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

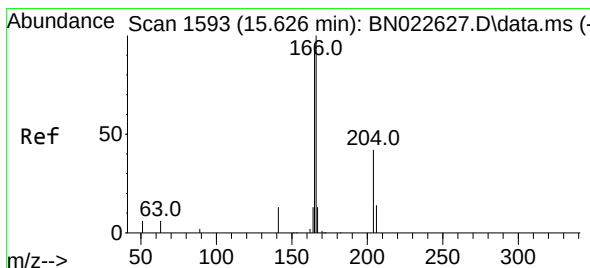
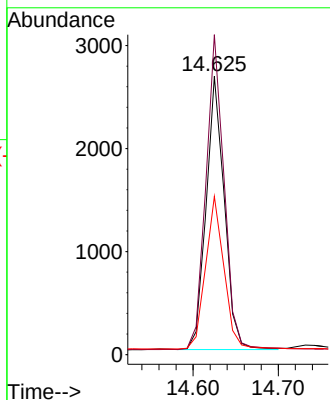
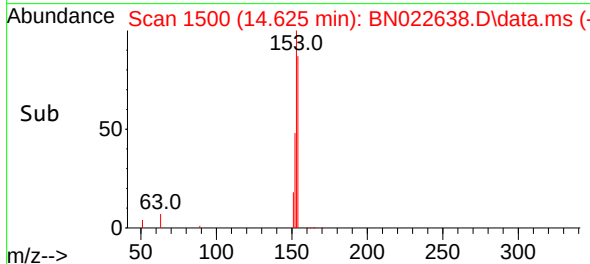
Instrument :
BNA_N
ClientSampleId :
PB148986BSD



Tgt Ion:154 Resp: 3942
Ion Ratio Lower Upper
154 100
153 115.7 91.6 137.4
152 57.0 45.6 68.4

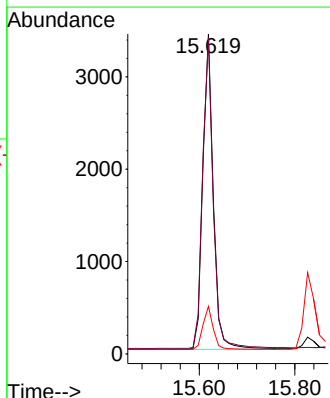
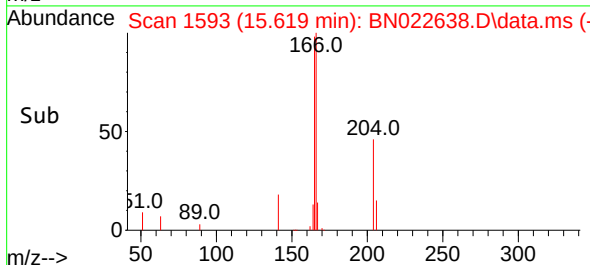
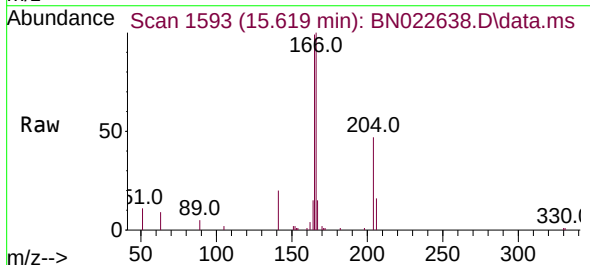
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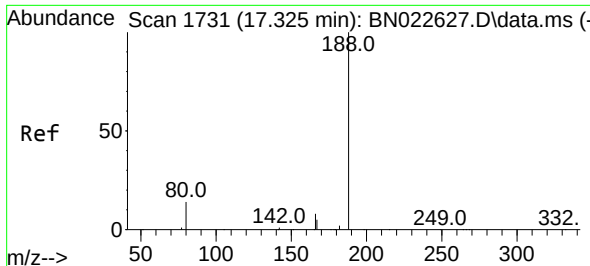
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#18
Fluorene
Concen: 0.382 ng
RT: 15.619 min Scan# 1593
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

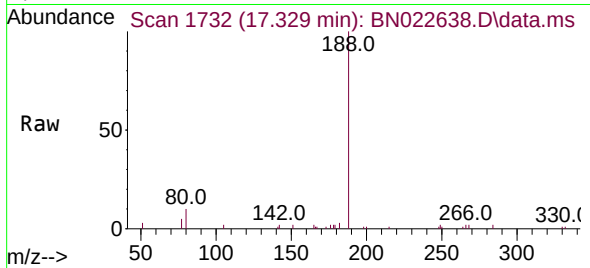
Tgt Ion:166 Resp: 5388
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 13.5 10.2 15.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.329 min Scan# 1732
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

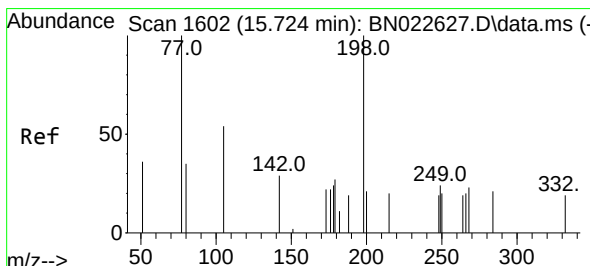
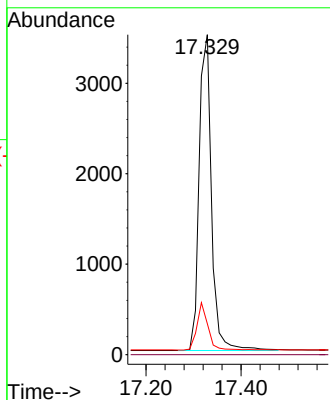
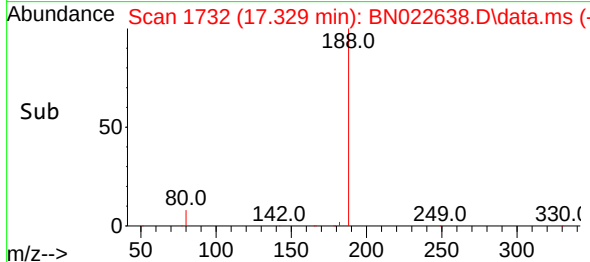
Instrument :
BNA_N
ClientSampleId :
PB148986BSD



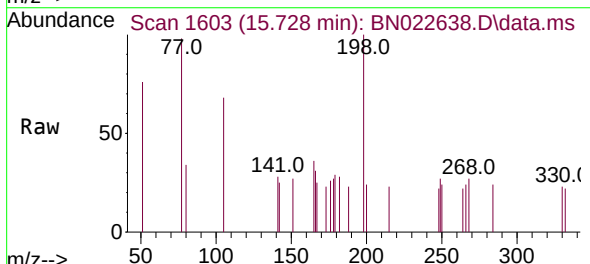
Tgt Ion:188 Resp: 6272
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 12.6 19.0

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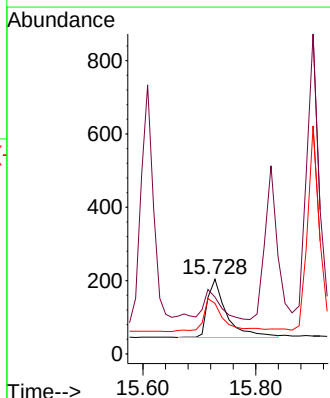
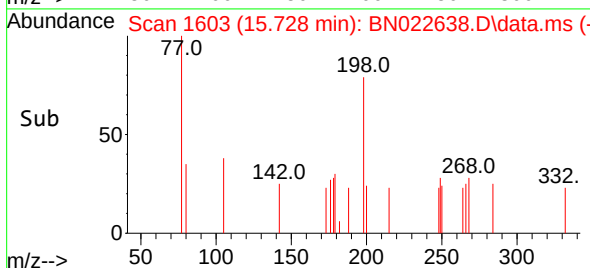
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022

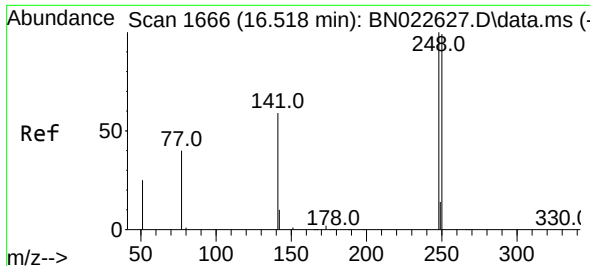


#20
4,6-Dinitro-2-methylphenol
Concen: 0.298 ng
RT: 15.728 min Scan# 1603
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56



Tgt Ion:198 Resp: 366
Ion Ratio Lower Upper
198 100
51 76.0 266.5 399.7#
105 67.6 64.5 96.7





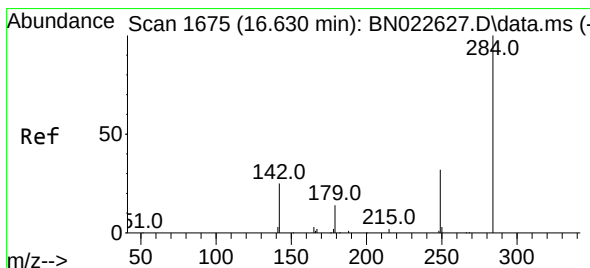
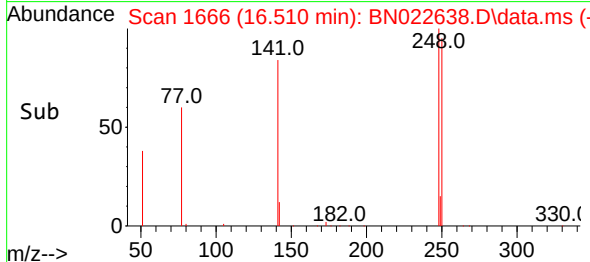
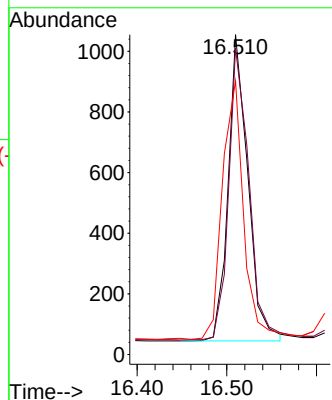
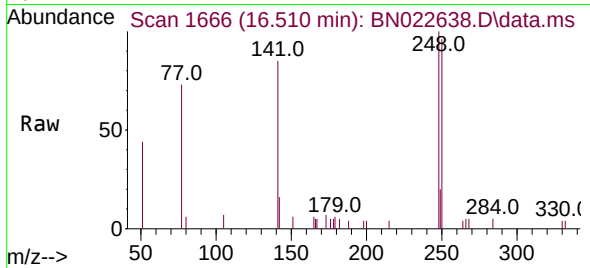
#21
4-Bromophenyl-phenylether
Concen: 0.413 ng
RT: 16.510 min Scan# 1666
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:	248	Resp:	154
Ion Ratio	Lower	Upper	
248	100		
250	95.7	79.8	119.6
141	85.5	49.8	74.8

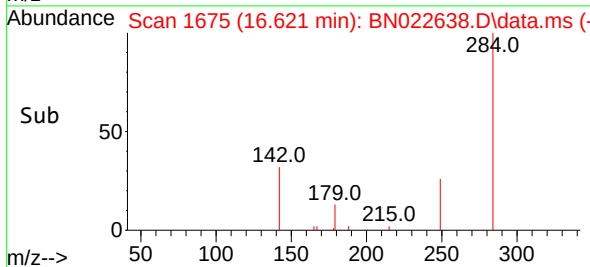
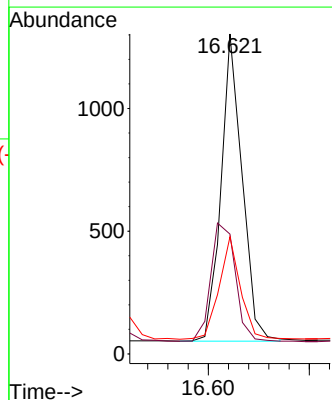
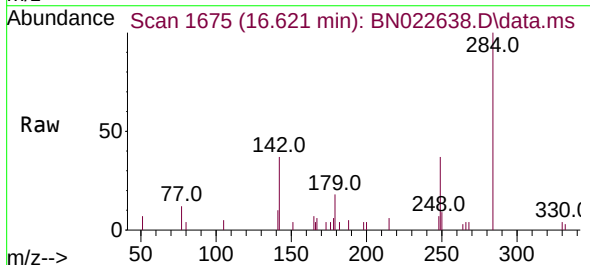
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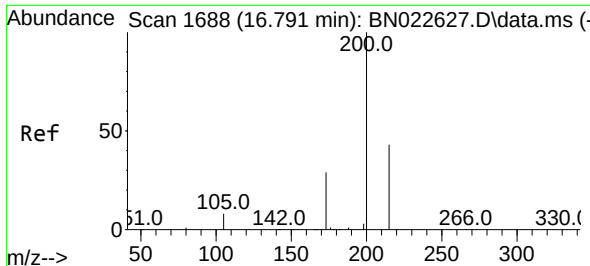
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#22
Hexachlorobenzene
Concen: 0.440 ng
RT: 16.621 min Scan# 1675
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:	284	Resp:	1822
Ion Ratio	Lower	Upper	
284	100		
142	44.4	36.2	54.2
249	33.5	27.6	41.4





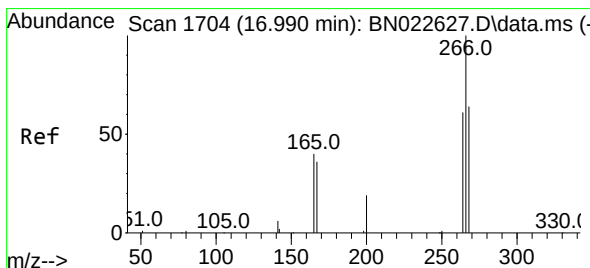
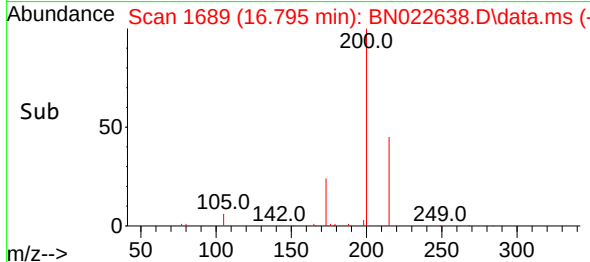
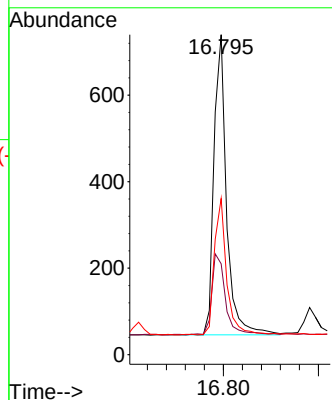
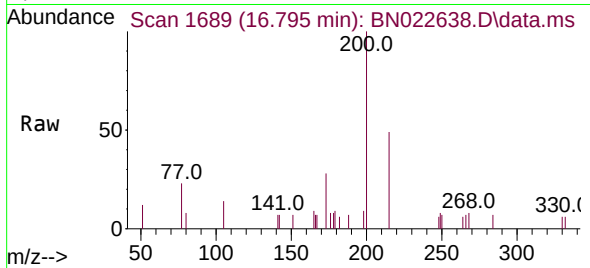
#23
Atrazine
Concen: 0.357 ng
RT: 16.795 min Scan# 1688
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:200 Resp: 1273
Ion Ratio Lower Upper
200 100
173 28.4 26.2 39.4
215 48.8 36.4 54.6

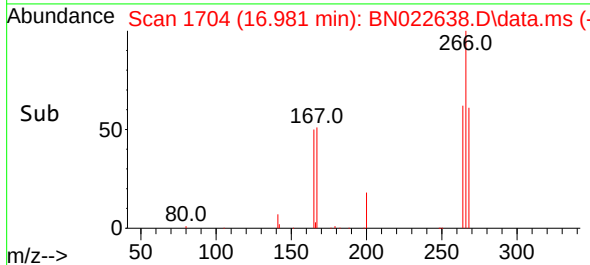
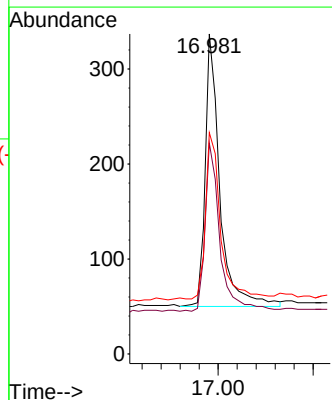
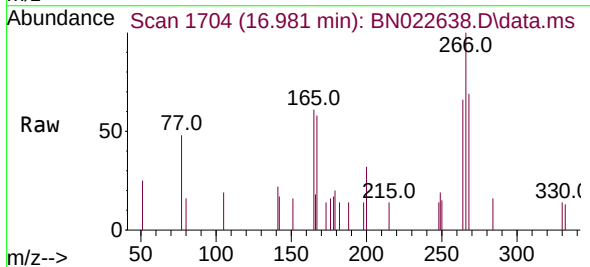
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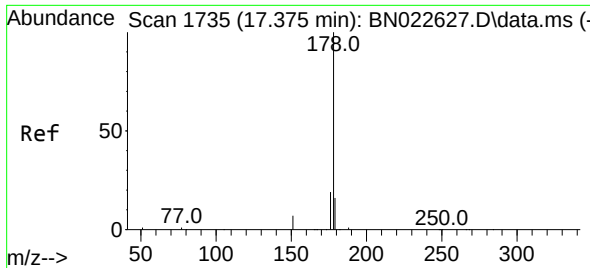
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#24
Pentachlorophenol
Concen: 0.322 ng
RT: 16.981 min Scan# 1704
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:266 Resp: 611
Ion Ratio Lower Upper
266 100
264 62.4 49.6 74.4
268 62.8 50.9 76.3





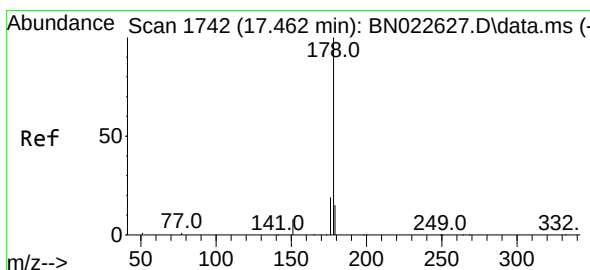
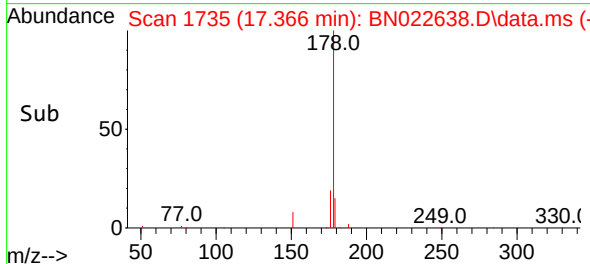
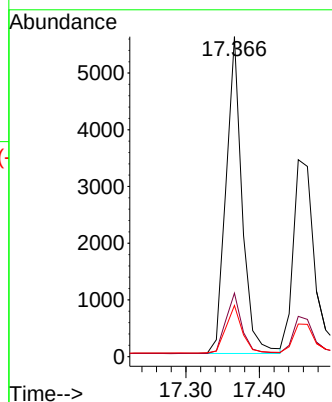
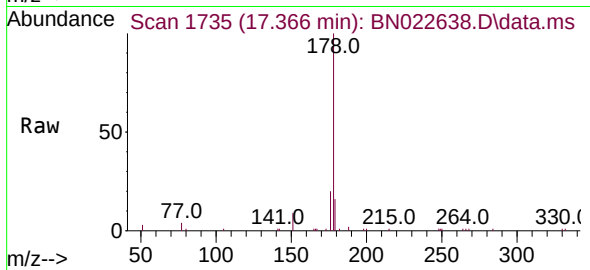
#25
Phenanthrene
Concen: 0.393 ng
RT: 17.366 min Scan# 1735
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:178 Resp: 855
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.3 12.6 19.0

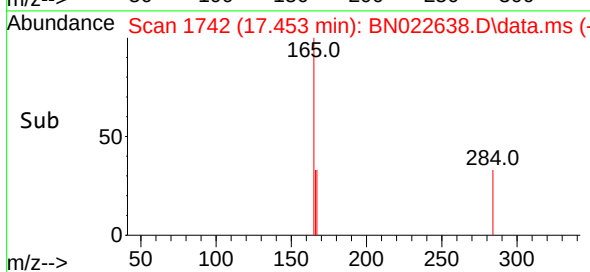
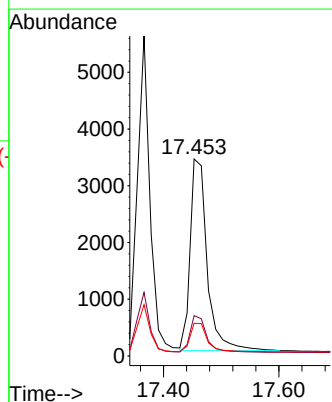
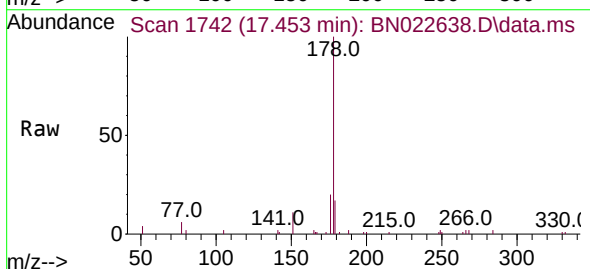
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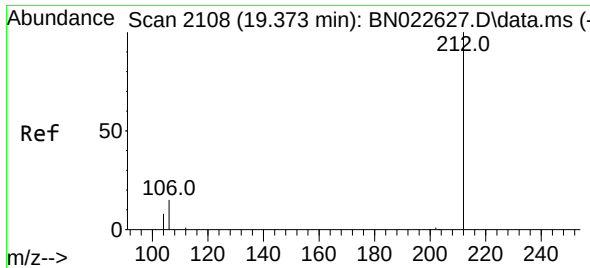
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#26
Anthracene
Concen: 0.382 ng
RT: 17.453 min Scan# 1742
Delta R.T. -0.009 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:178 Resp: 6918
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.0 11.7 17.5





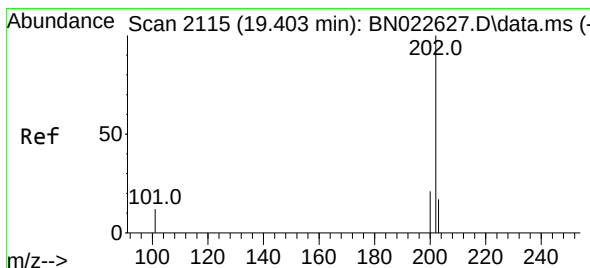
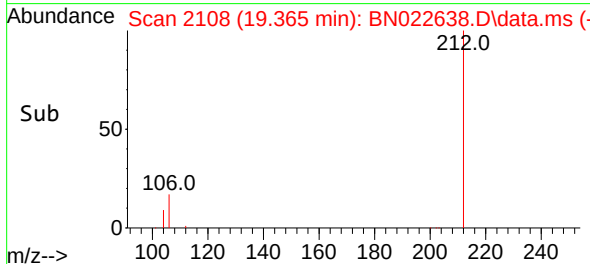
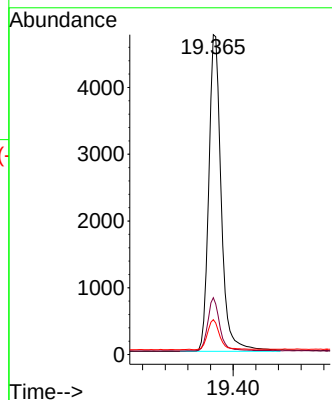
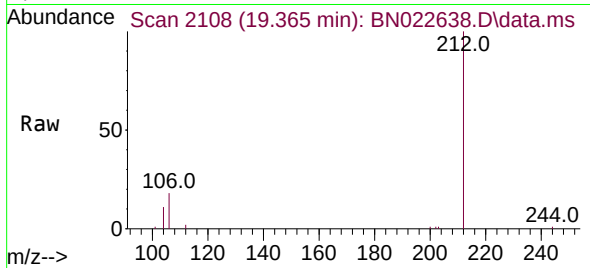
#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.365 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:212 Resp: 7283
Ion Ratio Lower Upper
212 100
106 16.2 13.3 19.9
104 9.3 7.8 11.8

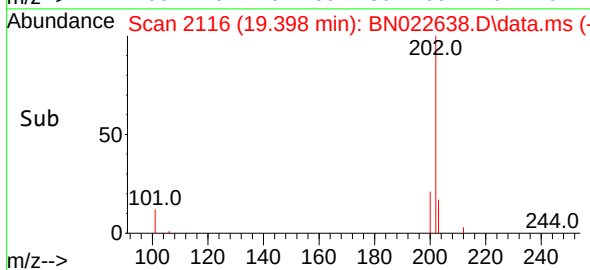
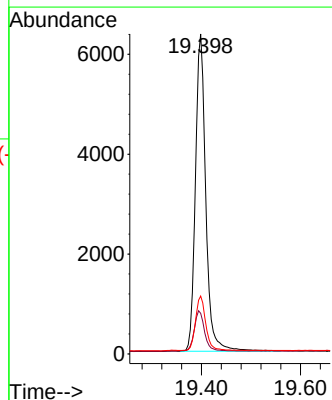
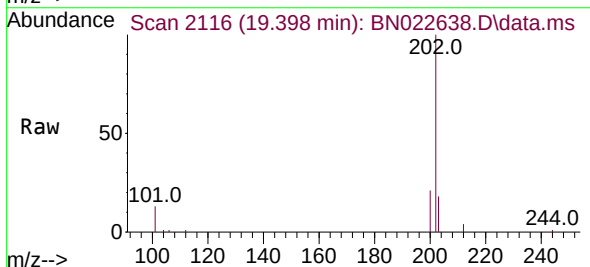
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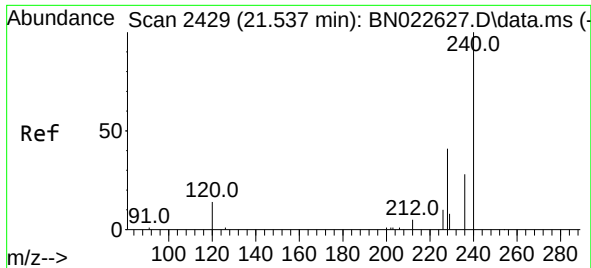
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#28
Fluoranthene
Concen: 0.403 ng
RT: 19.398 min Scan# 2116
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

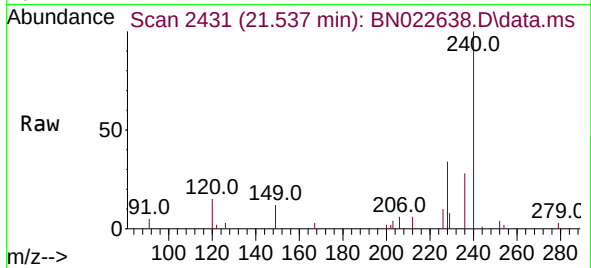
Tgt Ion:202 Resp: 9224
Ion Ratio Lower Upper
202 100
101 12.6 10.4 15.6
203 16.9 13.9 20.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.537 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

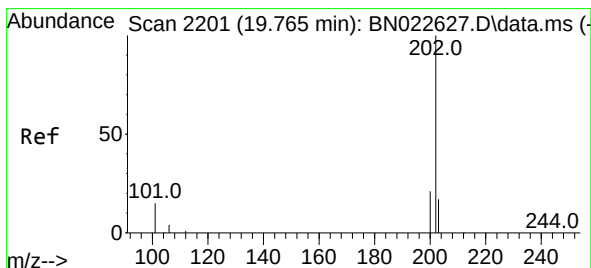
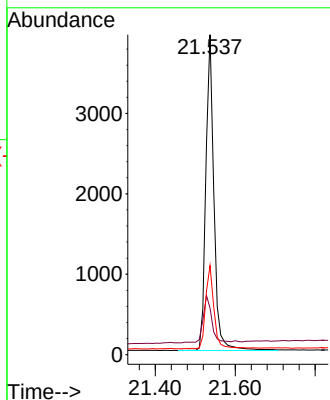
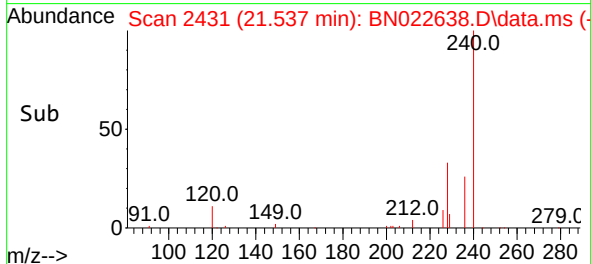
Instrument :
BNA_N
ClientSampleId :
PB148986BSD



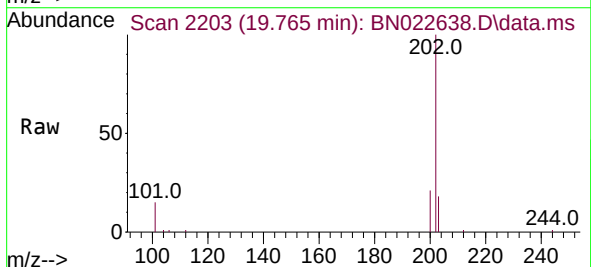
Tgt Ion:240 Resp: 5508
Ion Ratio Lower Upper
240 100
120 14.5 14.0 21.0
236 27.8 23.4 35.2

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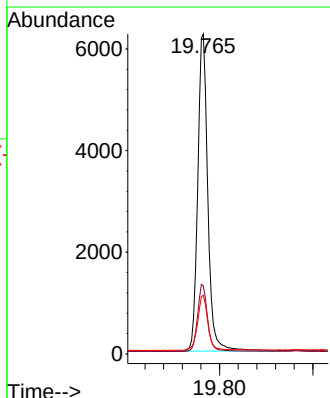
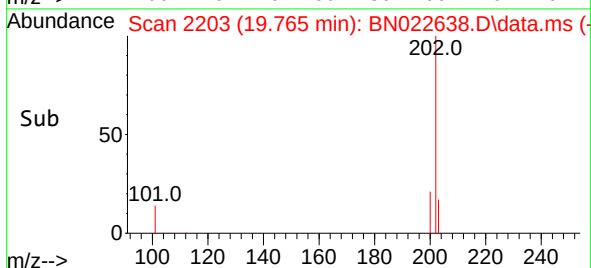
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022

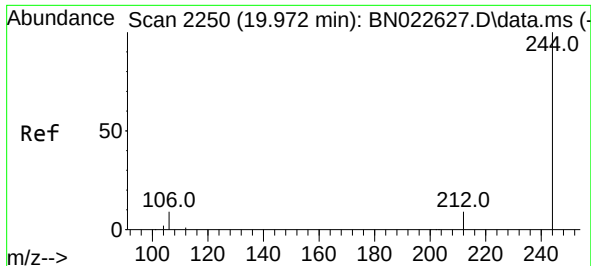


#30
Pyrene
Concen: 0.406 ng
RT: 19.765 min Scan# 2203
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56



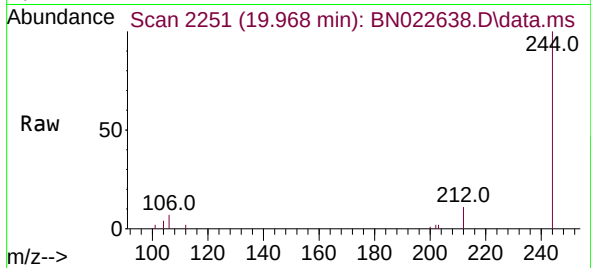
Tgt Ion:202 Resp: 9360
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.8 14.6 22.0





#31
 Terphenyl-d14
 Concen: 0.414 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN022638.D
 Acq: 14 Nov 2022 13:56

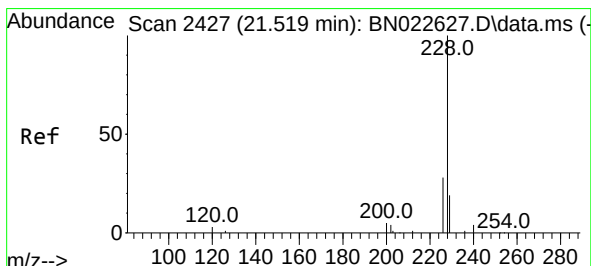
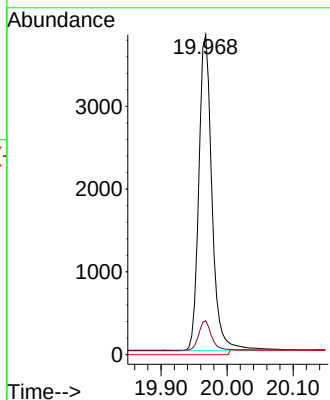
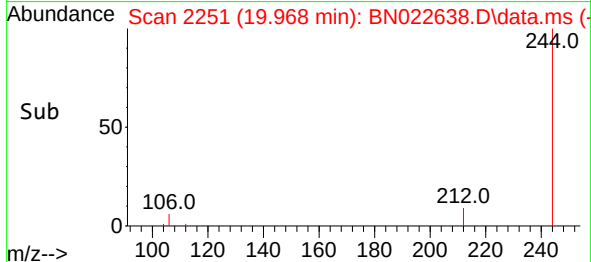
Instrument :
 BNA_N
 ClientSampleId :
 PB148986BSD



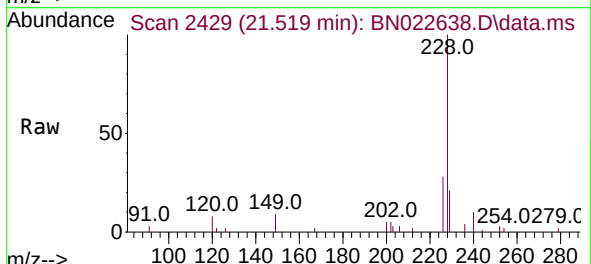
Tgt Ion:244 Resp: 6953
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.3 12.5
 122 0.0 0.0 0.0

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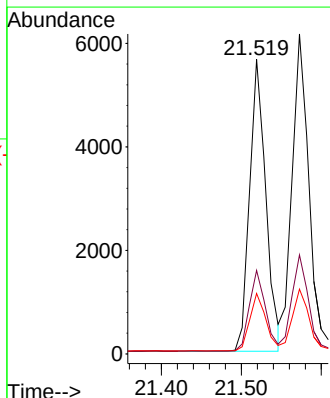
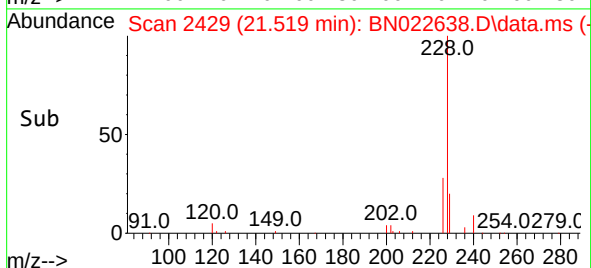
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :mohammad ahmed 11/15/2022

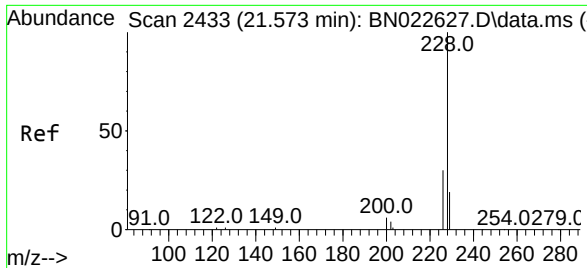


#32
 Benzo(a)anthracene
 Concen: 0.376 ng
 RT: 21.519 min Scan# 2429
 Delta R.T. -0.000 min
 Lab File: BN022638.D
 Acq: 14 Nov 2022 13:56



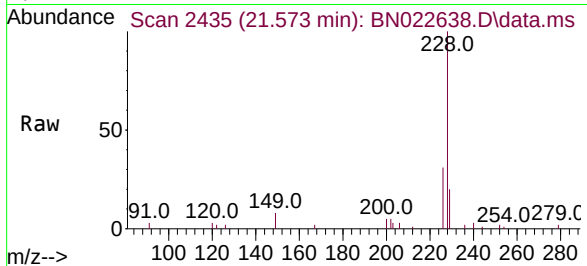
Tgt Ion:228 Resp: 7935
 Ion Ratio Lower Upper
 228 100
 226 28.3 23.3 34.9
 229 20.5 16.5 24.7





#33
Chrysene
Concen: 0.429 ng
RT: 21.573 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

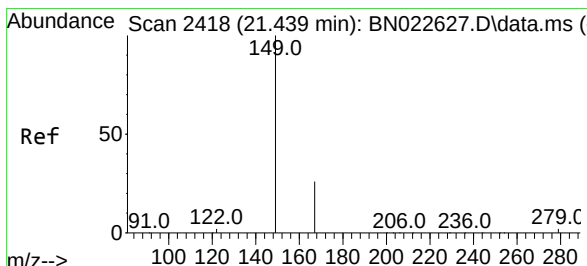
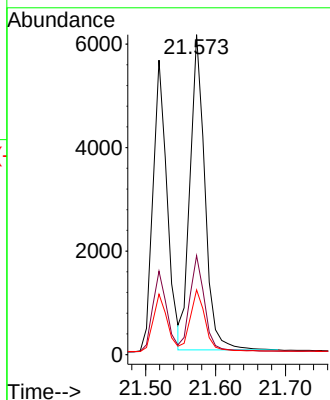
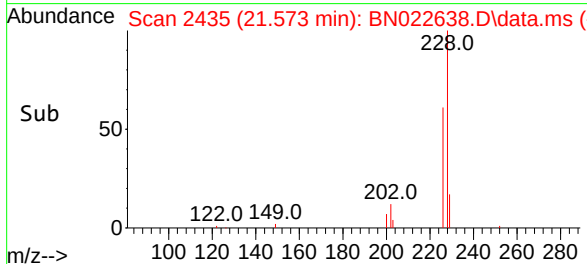
Instrument :
BNA_N
ClientSampleId :
PB148986BSD



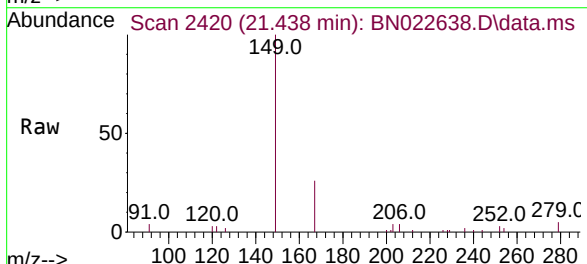
Tgt Ion:228 Resp: 8975
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 20.2 16.2 24.2

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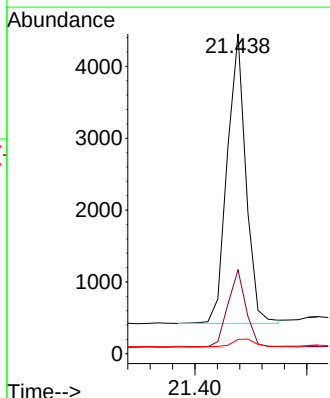
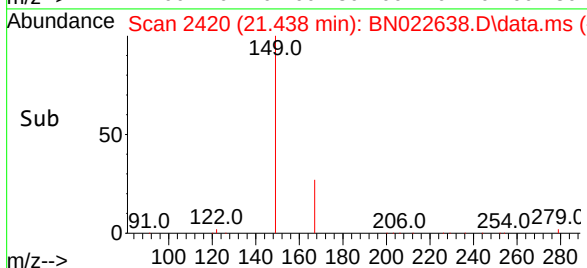
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022

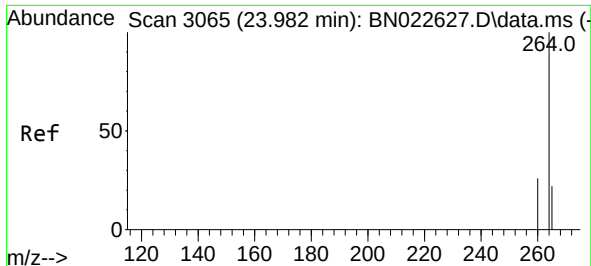


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.303 ng
RT: 21.438 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56



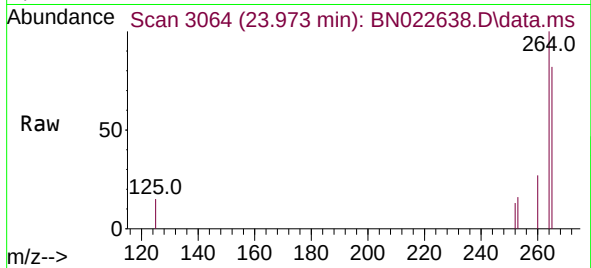
Tgt Ion:149 Resp: 4669
Ion Ratio Lower Upper
149 100
167 26.0 21.1 31.7
279 3.2 2.8 4.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.973 min Scan# 3064
 Delta R.T. 0.006 min
 Lab File: BN022638.D
 Acq: 14 Nov 2022 13:56

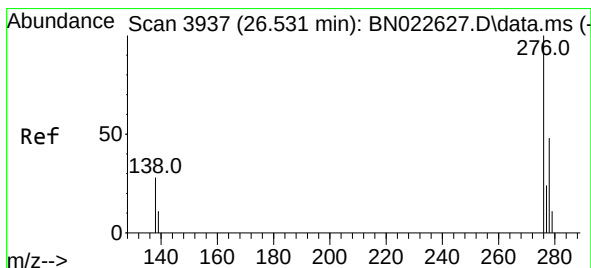
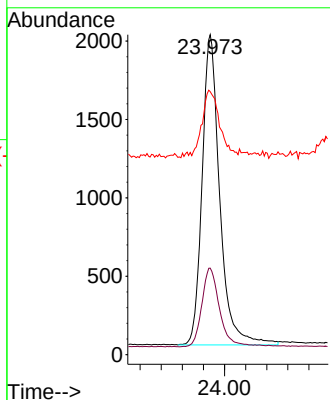
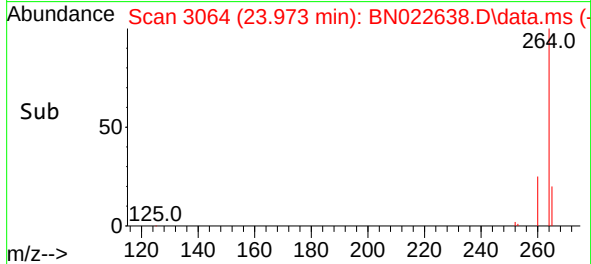
Instrument :
 BNA_N
 ClientSampleId :
 PB148986BSD



Tgt Ion:264 Resp: 4594
 Ion Ratio Lower Upper
 264 100
 260 27.0 22.0 33.0
 265 82.2 60.6 90.8

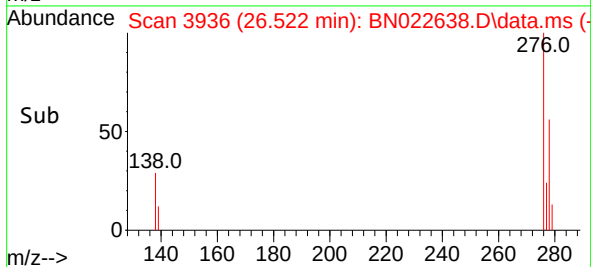
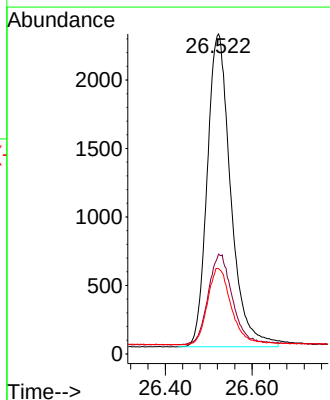
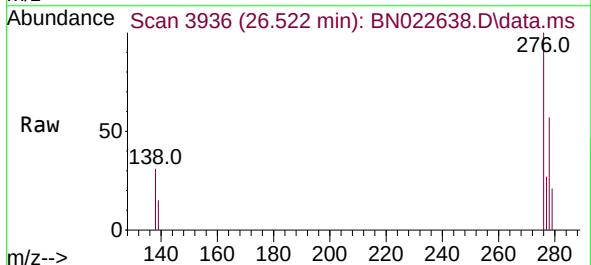
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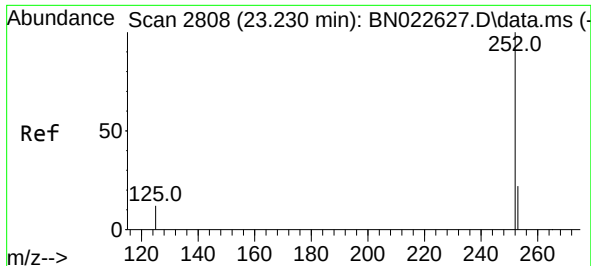
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :mohammad ahmed 11/15/2022



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.439 ng
 RT: 26.522 min Scan# 3936
 Delta R.T. 0.009 min
 Lab File: BN022638.D
 Acq: 14 Nov 2022 13:56

Tgt Ion:276 Resp: 8599
 Ion Ratio Lower Upper
 276 100
 138 30.2 23.8 35.8
 277 24.8 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.430 ng

RT: 23.224 min Scan# 2808

Delta R.T. 0.003 min

Lab File: BN022638.D

Acq: 14 Nov 2022 13:56

Instrument :

BNA_N

ClientSampleId :

PB148986BSD

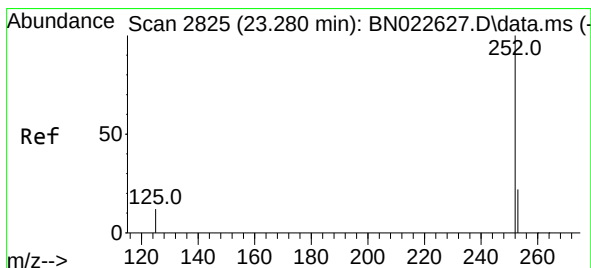
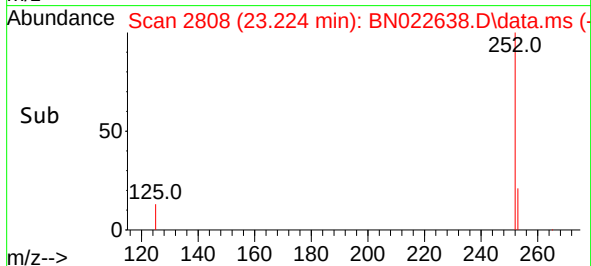
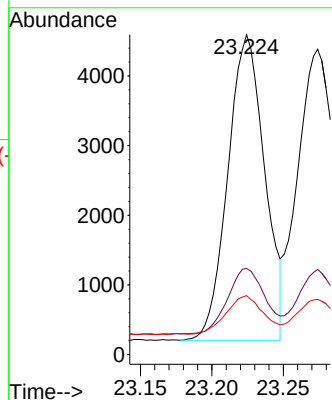
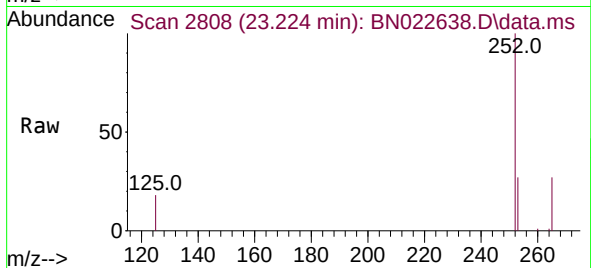
Tgt Ion:252 Resp: 7850

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.7	34.1
125	18.4	15.2	22.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#38

Benzo(k)fluoranthene

Concen: 0.439 ng m

RT: 23.274 min Scan# 2825

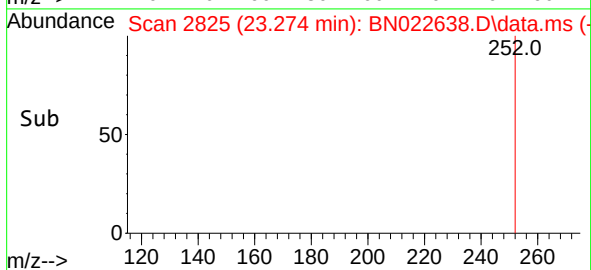
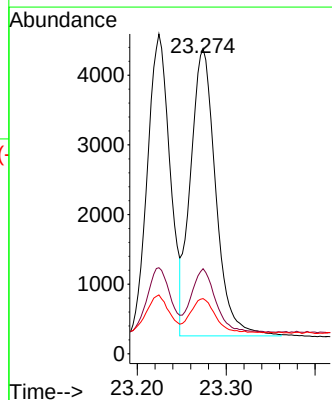
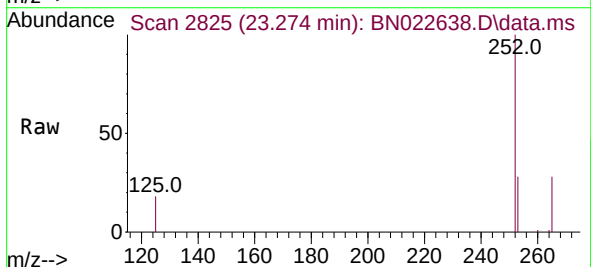
Delta R.T. 0.003 min

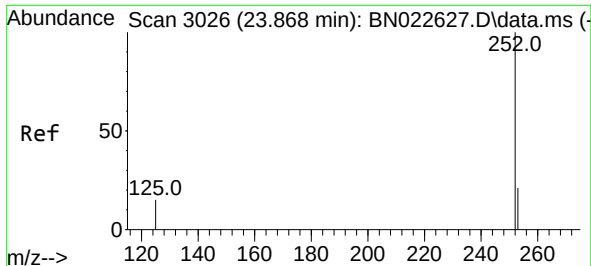
Lab File: BN022638.D

Acq: 14 Nov 2022 13:56

Tgt Ion:252 Resp: 8137

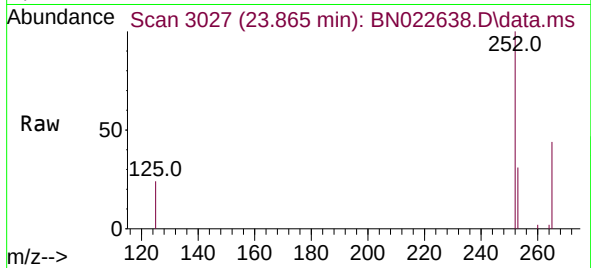
Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.6	33.8
125	18.1	14.9	22.3





#39
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.865 min Scan# 3026
Delta R.T. 0.006 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

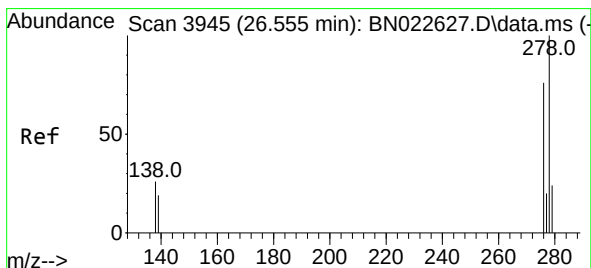
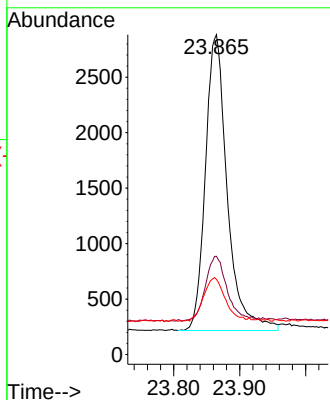
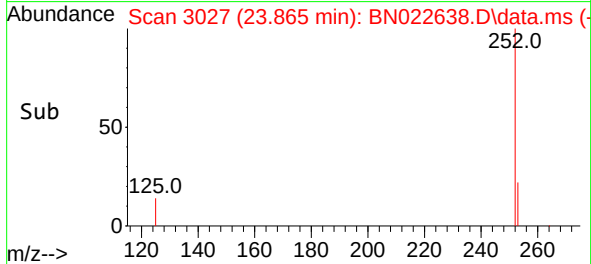
Instrument :
BNA_N
ClientSampleId :
PB148986BSD



Tgt Ion:252 Resp: 6129
Ion Ratio Lower Upper
252 100
253 30.7 24.6 36.8
125 23.5 19.4 29.0

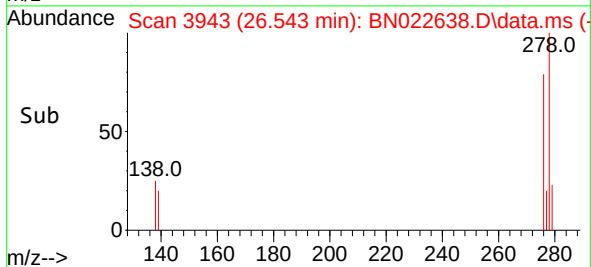
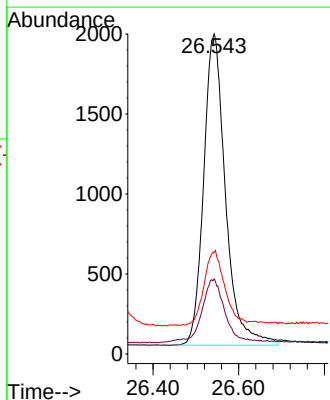
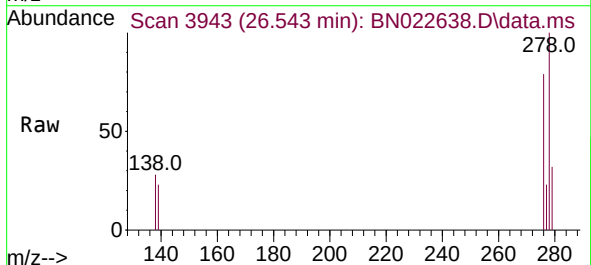
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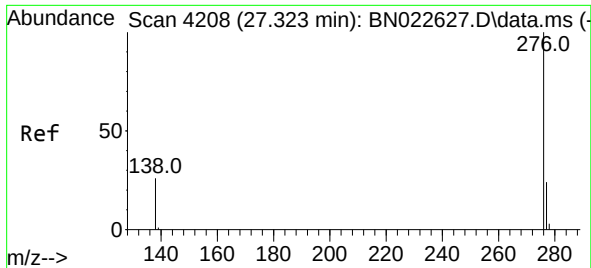
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.439 ng
RT: 26.543 min Scan# 3943
Delta R.T. 0.009 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

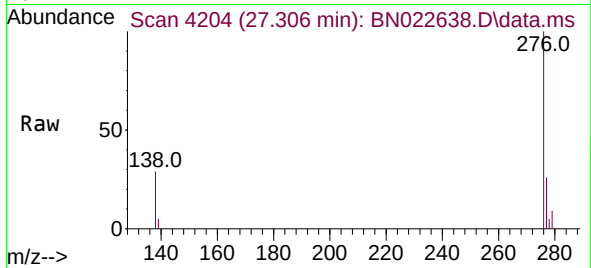
Tgt Ion:278 Resp: 6892
Ion Ratio Lower Upper
278 100
139 23.4 19.1 28.7
279 31.7 24.8 37.2





#41
Benzo(g,h,i)perylene
Concen: 0.457 ng
RT: 27.306 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD



Tgt Ion:276 Resp: 7429
Ion Ratio Lower Upper
276 100
277 26.2 21.2 31.8
138 29.2 23.8 35.8

Manual Integrations
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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022

