

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023037.D
 Acq On : 02 Dec 2022 04:19
 Operator : CG/JU
 Sample : N5757-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20221121

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 05:12:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	4756	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	12462	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	5634	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	10622	0.400	ng	0.00
29) Chrysene-d12	21.616	240	6602	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	4891	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1408	0.114	ng	0.00
5) Phenol-d6	7.204	99	1068	0.068	ng	0.00
8) Nitrobenzene-d5	9.217	82	3284m	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.454	152	6726	0.249	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	581	0.214	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	9596	0.372	ng	0.00
27) Fluoranthene-d10	19.464	212	8496	0.294	ng	0.00
31) Terphenyl-d14	20.058	244	6399	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	17052m	2.825	ng	
6) bis(2-Chloroethyl)ether	7.472	93	434	0.029	ng	98
32) Benzo(a)anthracene	21.598	228	702	0.026	ng	# 85
33) Chrysene	21.652	228	913	0.033	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.527	149	778	0.073	ng	# 92
36) Indeno(1,2,3-cd)pyrene	26.693	276	675	0.033	ng	# 91
37) Benzo(b)fluoranthene	23.337	252	852	0.039	ng	# 8
38) Benzo(k)fluoranthene	23.390	252	727	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	26.717	278	596	0.037	ng	# 25
41) Benzo(g,h,i)perylene	27.491	276	666	0.038	ng	# 52

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

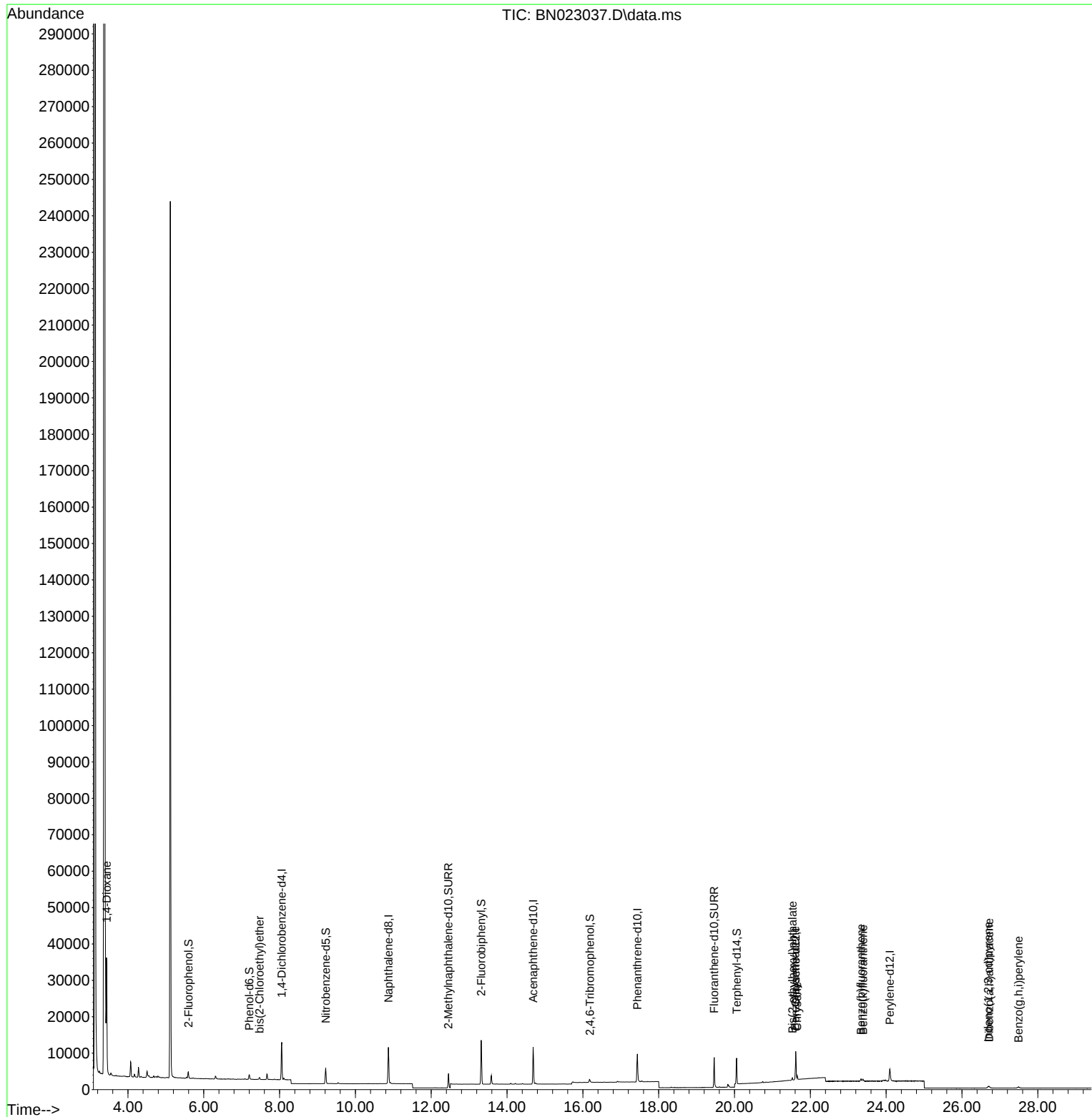
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023037.D
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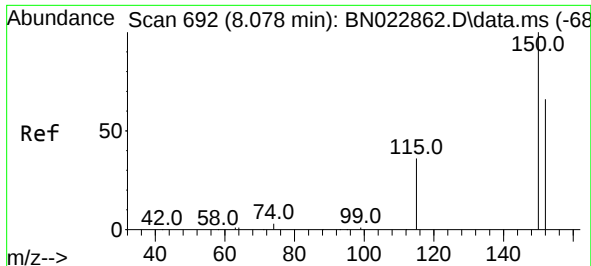
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Quant Time: Dec 02 05:12:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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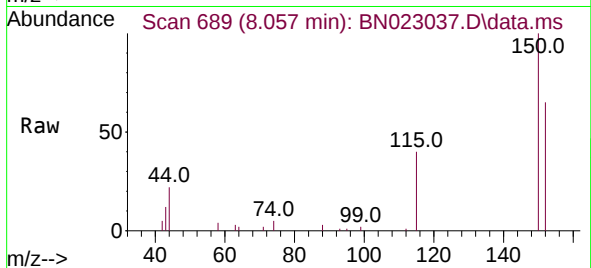
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BN023037.D
 Acq: 02 Dec 2022 04:19

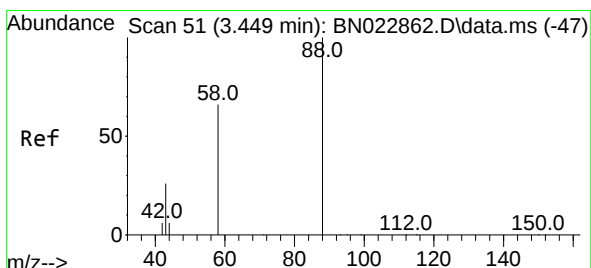
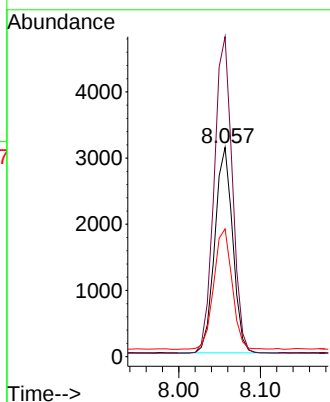
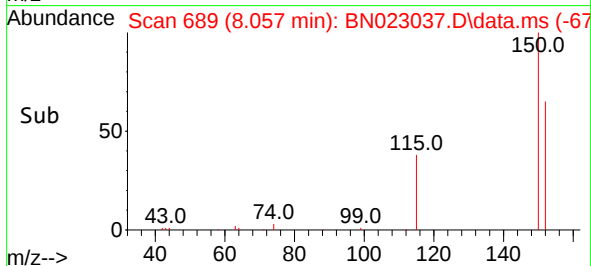
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20221121



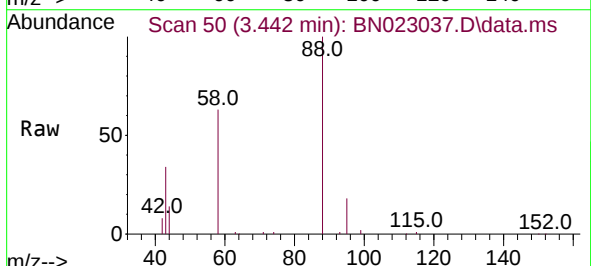
Tgt Ion:152 Resp: 4756
 Ion Ratio Lower Upper
 152 100
 150 152.9 121.2 181.8
 115 61.1 46.2 69.4

Manual Integrations
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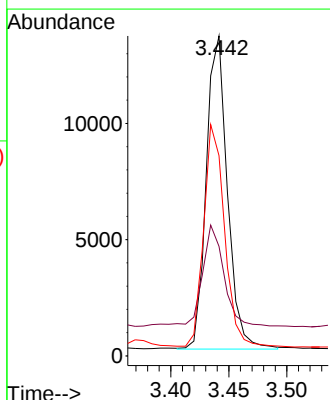
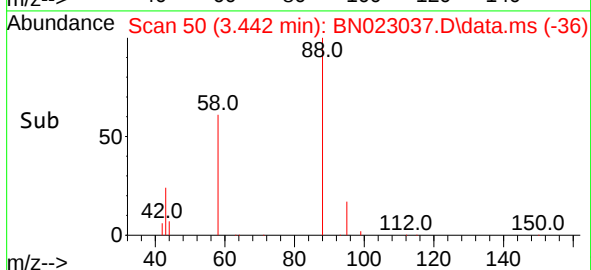
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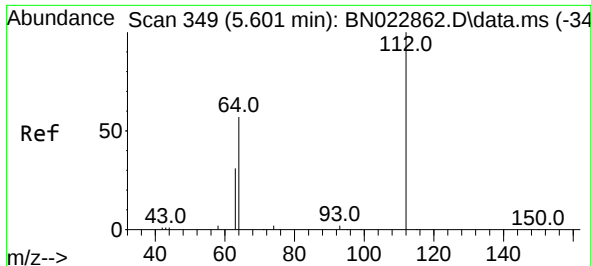


#2
 1,4-Dioxane
 Concen: 2.825 ng m
 RT: 3.442 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN023037.D
 Acq: 02 Dec 2022 04:19



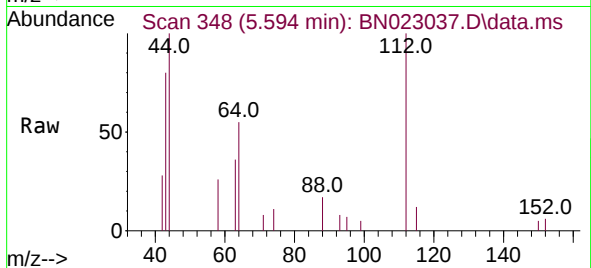
Tgt Ion: 88 Resp: 17052
 Ion Ratio Lower Upper
 88 100
 43 33.3 25.4 38.2
 58 69.3 56.5 84.7





#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

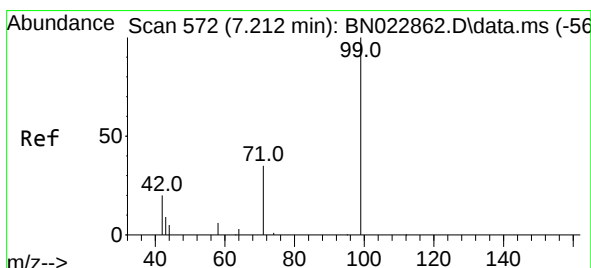
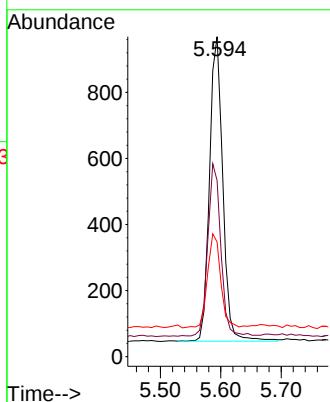
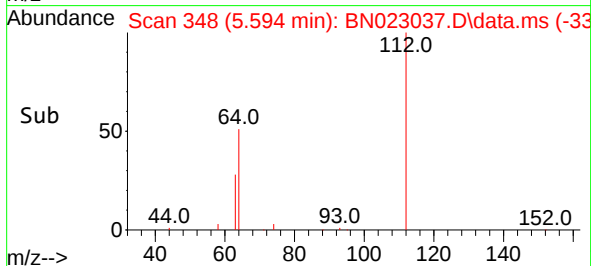
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Tgt Ion:112 Resp: 1408
Ion Ratio Lower Upper
112 100
64 55.5 43.4 65.2
63 30.1 23.4 35.2

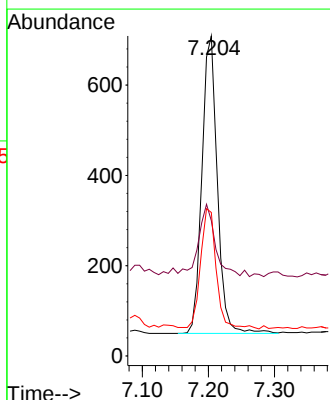
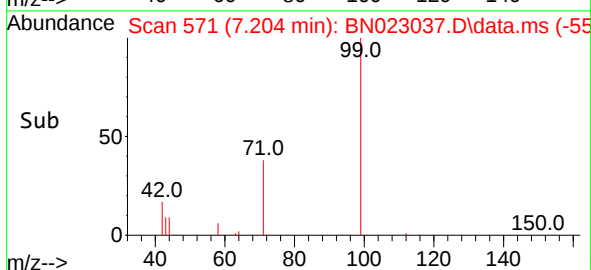
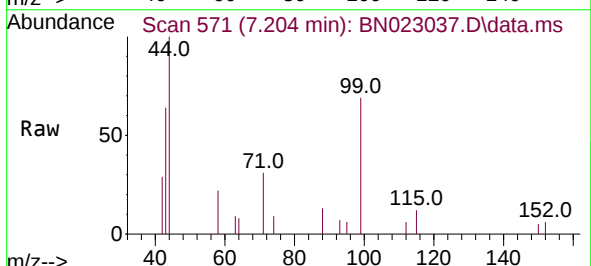
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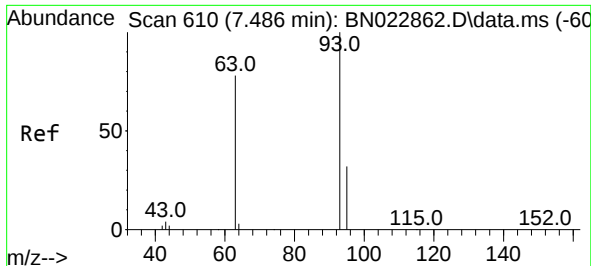
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#5
Phenol-d6
Concen: 0.068 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

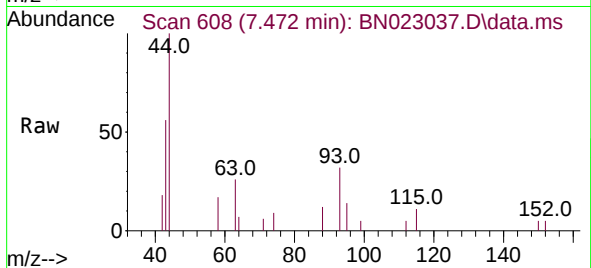
Tgt Ion: 99 Resp: 1068
Ion Ratio Lower Upper
99 100
42 25.2 16.0 24.0#
71 41.4 26.8 40.2#





#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.472 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

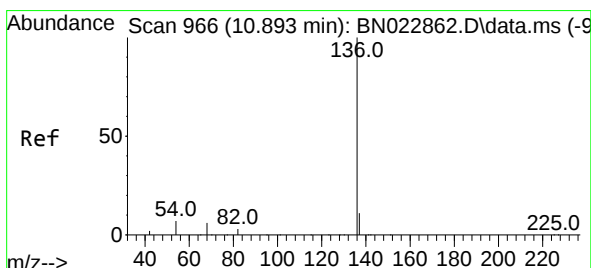
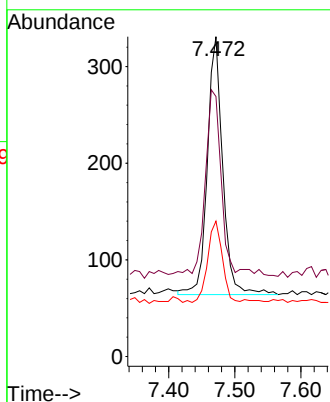
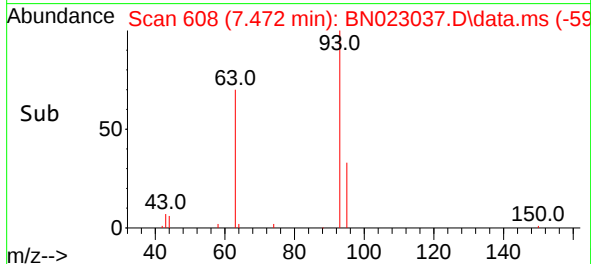
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 93 Resp: 434
Ion Ratio Lower Upper
93 100
63 71.9 58.3 87.5
95 29.7 25.8 38.6

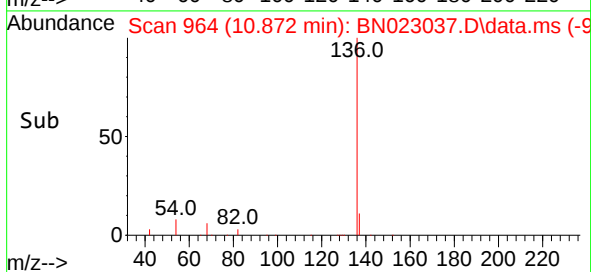
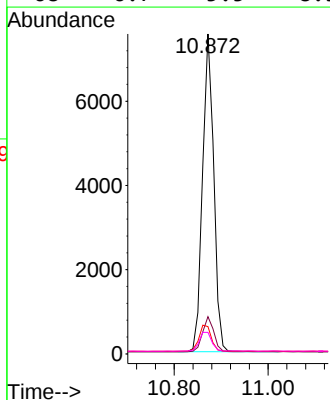
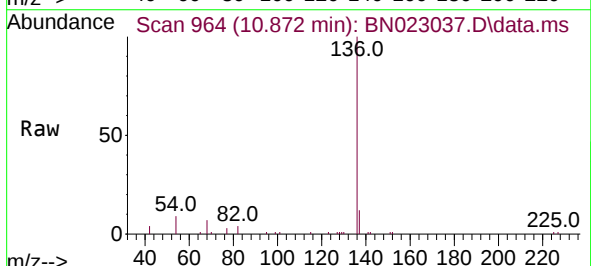
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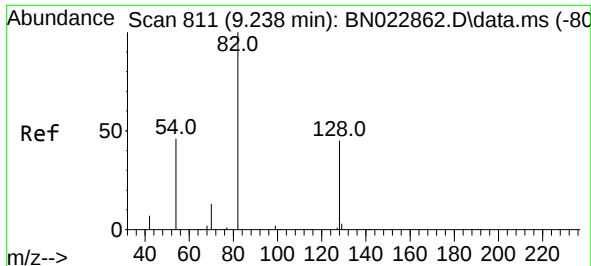
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

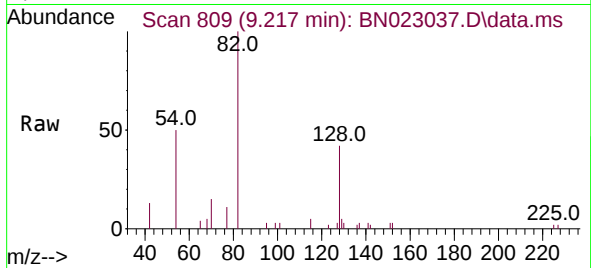
Tgt Ion:136 Resp: 12462
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 8.5 6.6 9.8
68 6.7 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.339 ng m
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

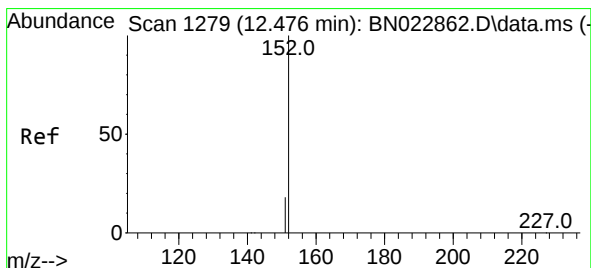
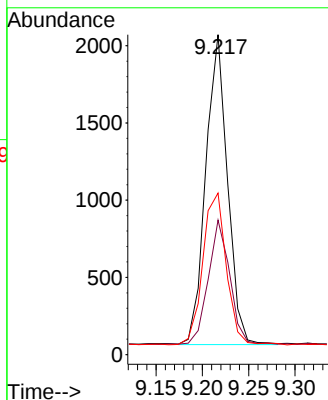
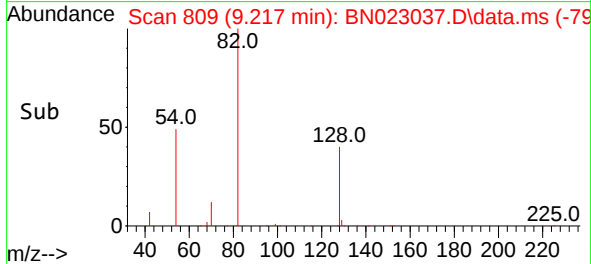
Instrument :
BNA_N
ClientSampleId :
TT101D2-20221121



Tgt Ion: 82 Resp: 3284
Ion Ratio Lower Upper
82 100
128 42.0 36.6 54.8
54 50.5 38.5 57.7

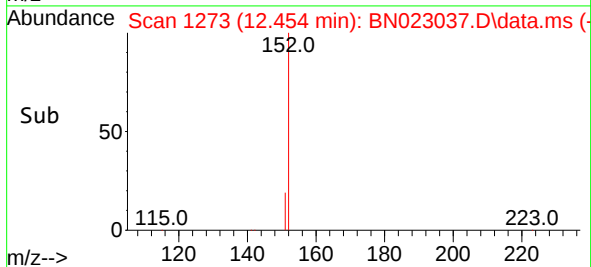
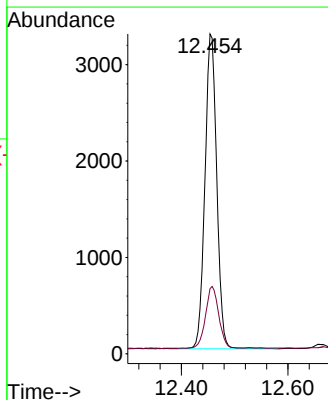
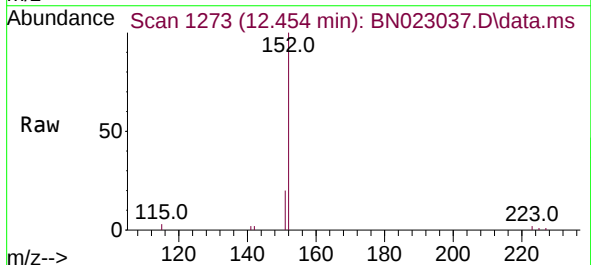
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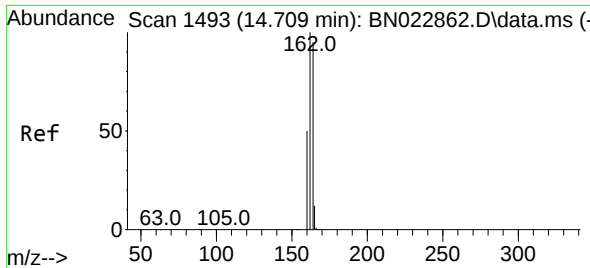
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.454 min Scan# 1273
Delta R.T. -0.004 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

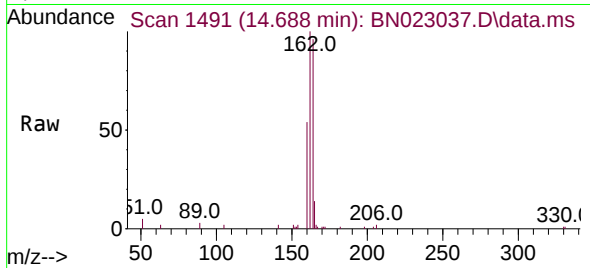
Tgt Ion:152 Resp: 6726
Ion Ratio Lower Upper
152 100
151 17.6 18.6 27.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

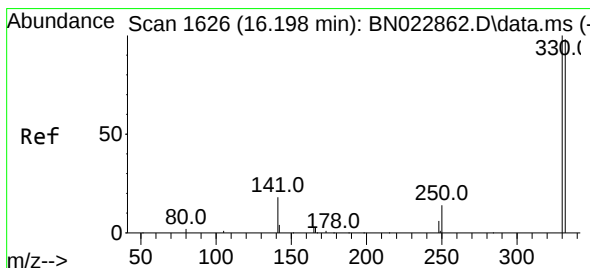
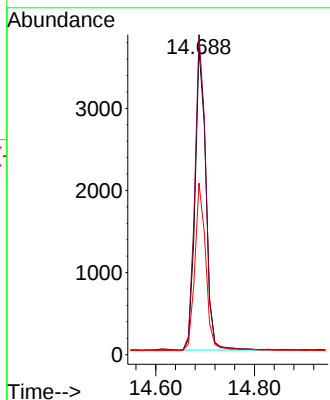
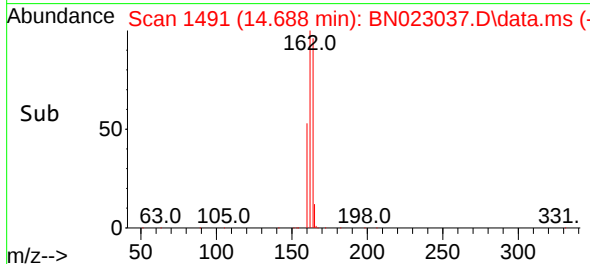
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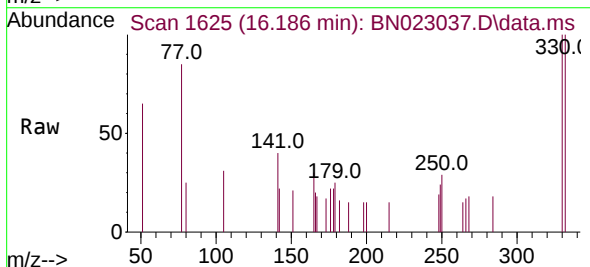
Tgt Ion:164 Resp: 5634
Ion Ratio Lower Upper
164 100
162 104.3 84.2 126.4
160 55.9 42.5 63.7

Manual Integrations
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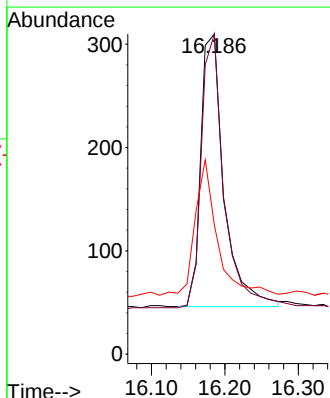
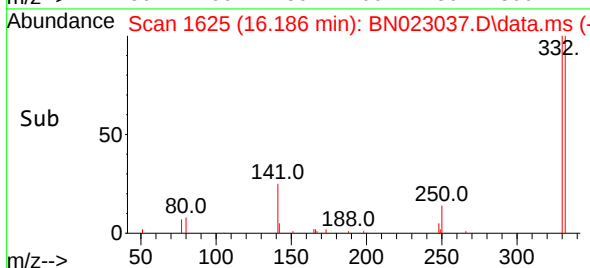
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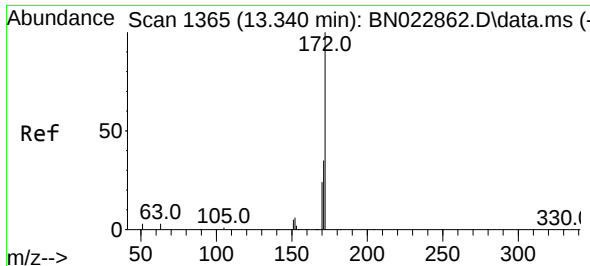


#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 16.186 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19



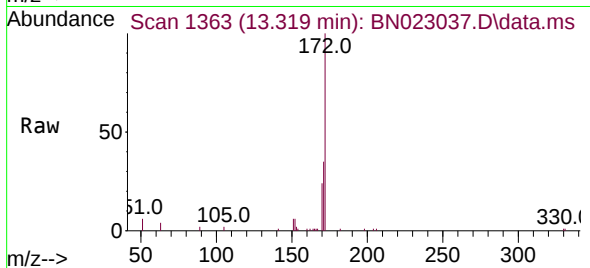
Tgt Ion:330 Resp: 581
Ion Ratio Lower Upper
330 100
332 98.1 76.5 114.7
141 47.0 32.6 48.8





#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.319 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

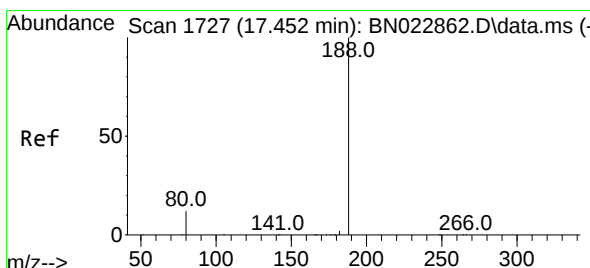
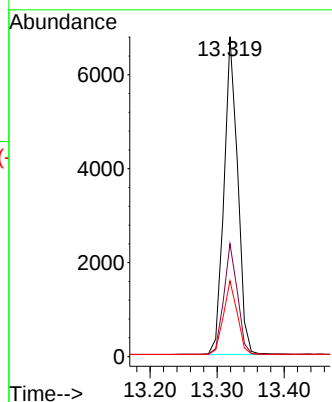
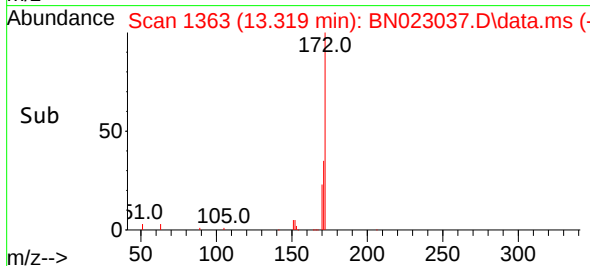
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Tgt Ion:172 Resp: 9596
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.7 19.3 28.9

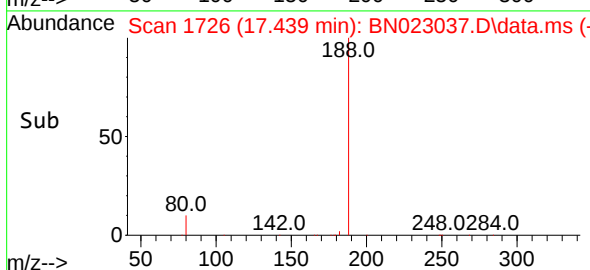
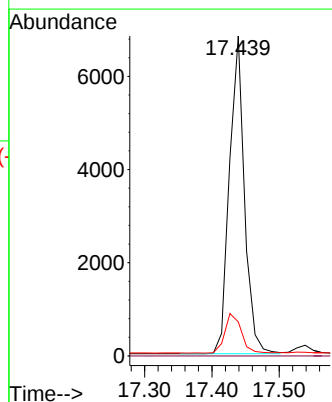
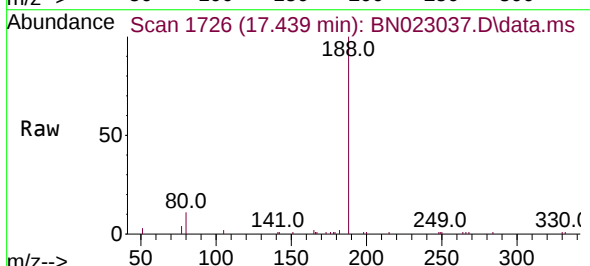
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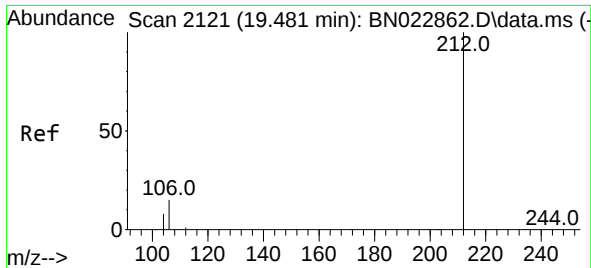
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

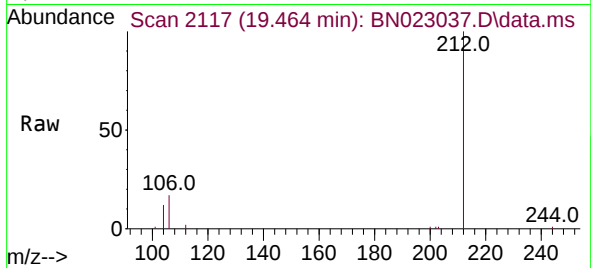
Tgt Ion:188 Resp: 10622
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 10.3 15.5





#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

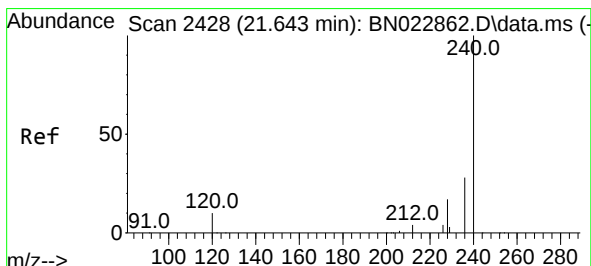
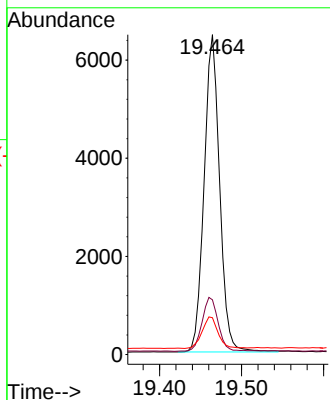
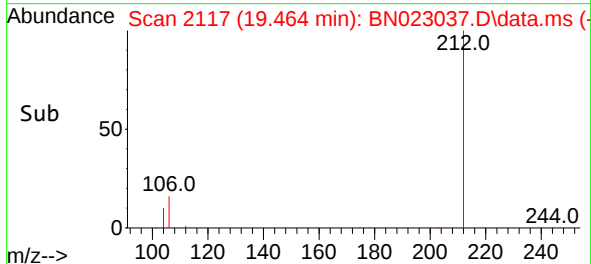
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Tgt Ion:212 Resp: 8496
Ion Ratio Lower Upper
212 100
106 17.7 12.3 18.5
104 10.2 7.0 10.4

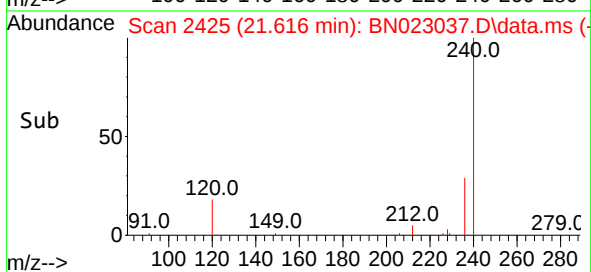
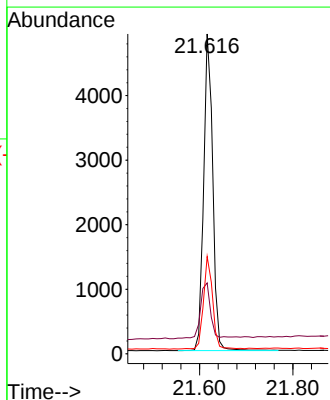
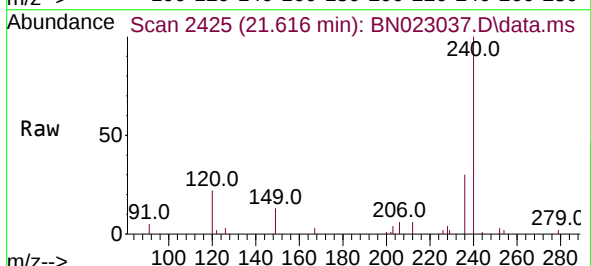
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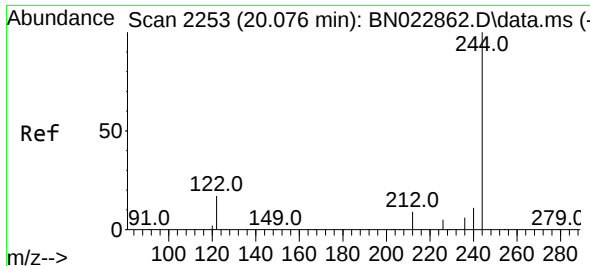
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

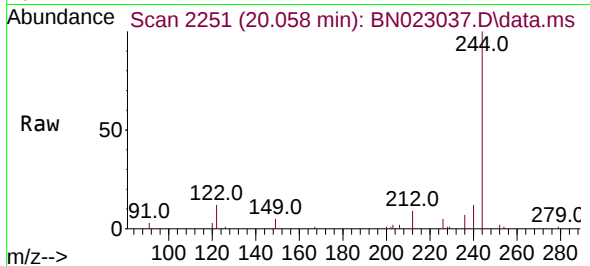
Tgt Ion:240 Resp: 6602
Ion Ratio Lower Upper
240 100
120 22.2 9.2 13.8#
236 30.4 22.6 34.0





#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 20.058 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN023037.D
 Acq: 02 Dec 2022 04:19

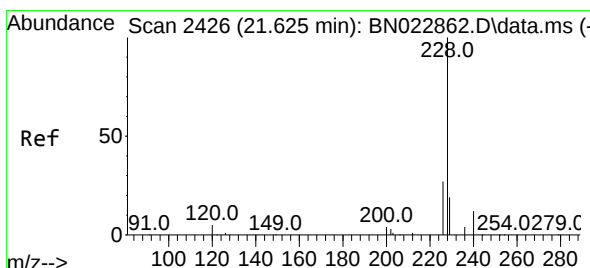
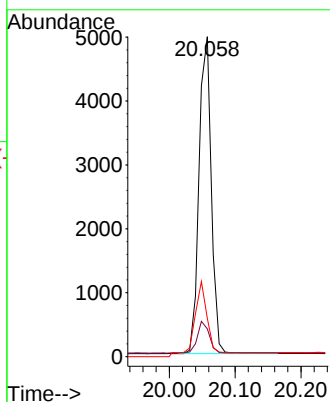
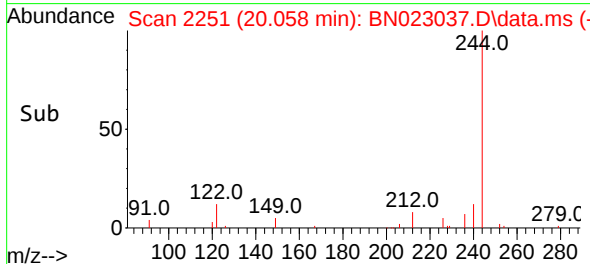
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20221121



Tgt Ion:244 Resp: 6399
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.9 11.9
 122 12.0 13.9 20.9

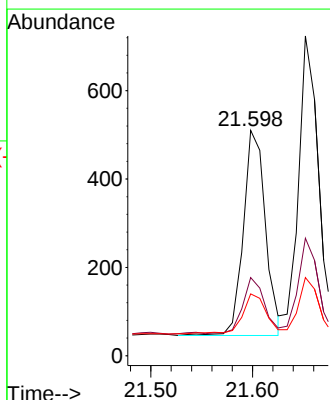
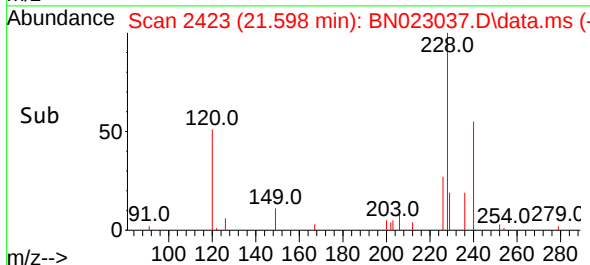
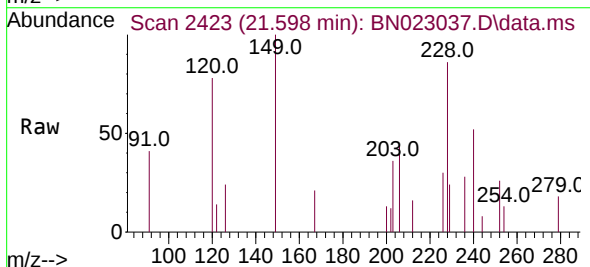
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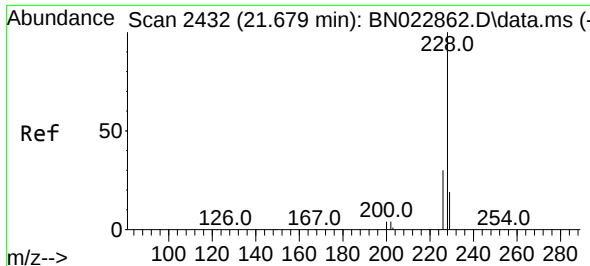
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#32
 Benzo(a)anthracene
 Concen: 0.026 ng
 RT: 21.598 min Scan# 2423
 Delta R.T. -0.009 min
 Lab File: BN023037.D
 Acq: 02 Dec 2022 04:19

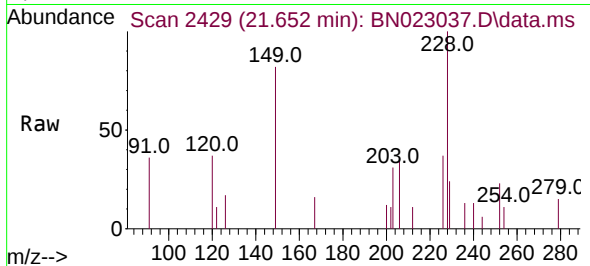
Tgt Ion:228 Resp: 702
 Ion Ratio Lower Upper
 228 100
 226 34.7 22.1 33.1#
 229 27.5 15.8 23.6#





#33
Chrysene
Concen: 0.033 ng
RT: 21.652 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

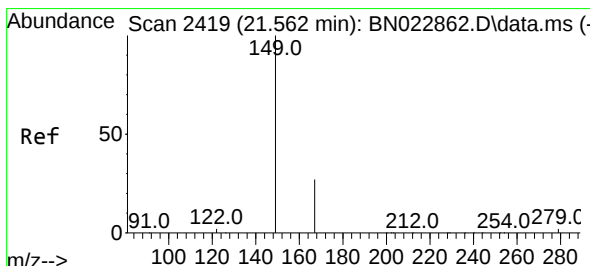
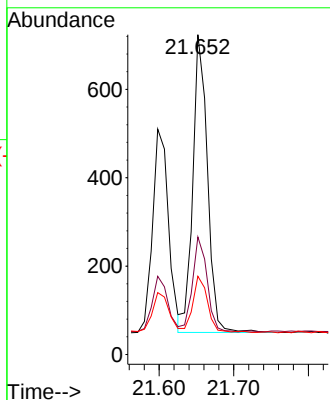
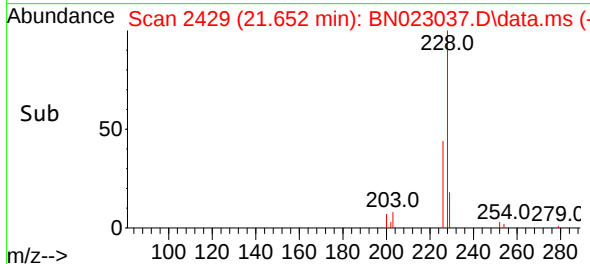
Instrument :
BNA_N
ClientSampleId :
TT101D2-20221121



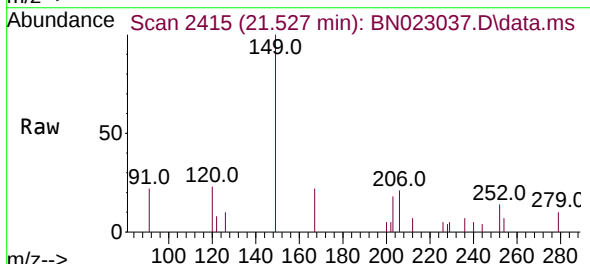
Tgt Ion: 228 Resp: 913
Ion Ratio Lower Upper
228 100
226 36.7 24.5 36.7
229 24.4 15.8 23.6

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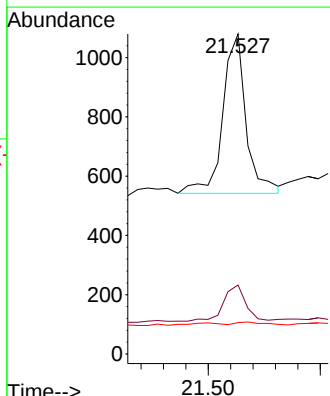
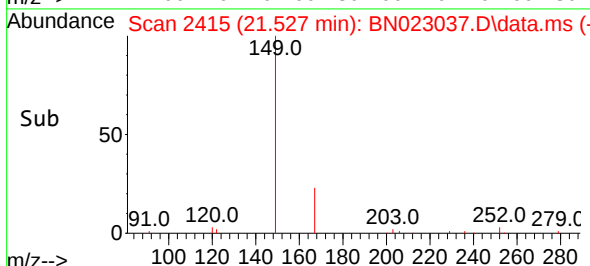
Reviewed By : Christian Giraldo 12/02/2022
Supervised By : Jagrut Upadhyay 12/02/2022

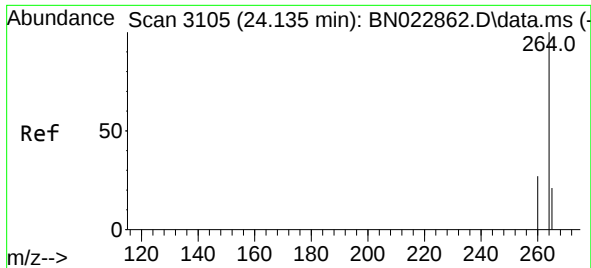


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.527 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19



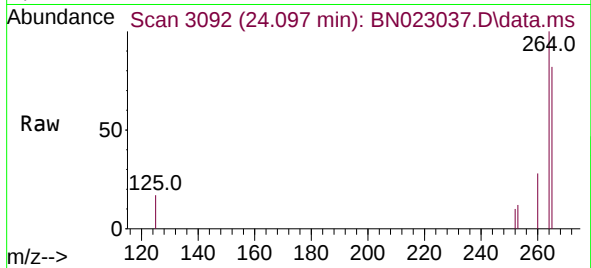
Tgt Ion: 149 Resp: 778
Ion Ratio Lower Upper
149 100
167 22.0 21.3 31.9
279 2.3 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.097 min Scan# 3092
 Delta R.T. -0.006 min
 Lab File: BN023037.D
 Acq: 02 Dec 2022 04:19

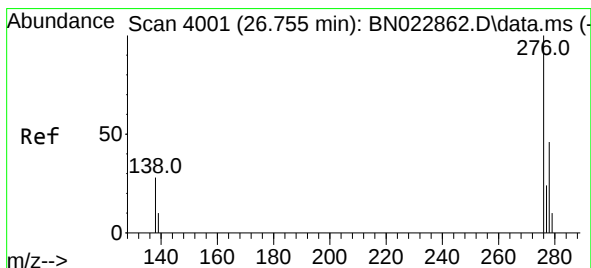
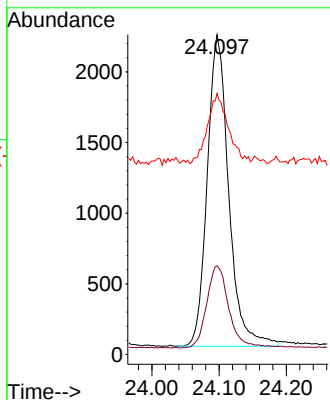
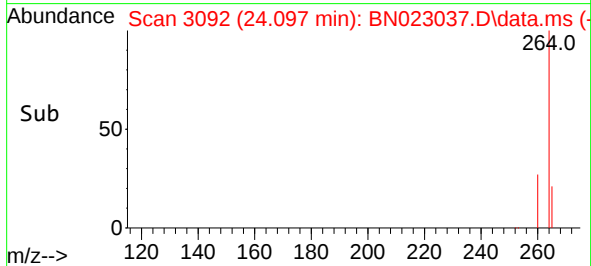
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20221121



Tgt Ion:264 Resp: 489
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.7 32.5
 265 81.6 31.0 46.4

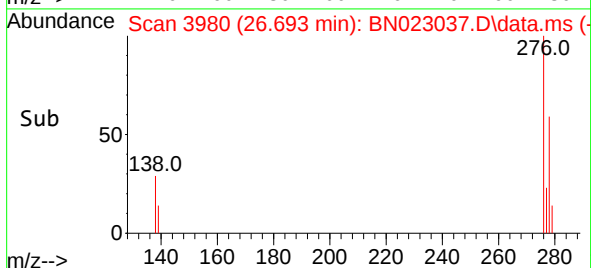
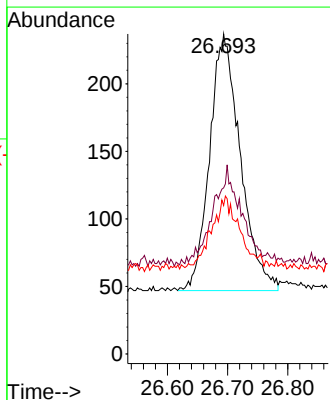
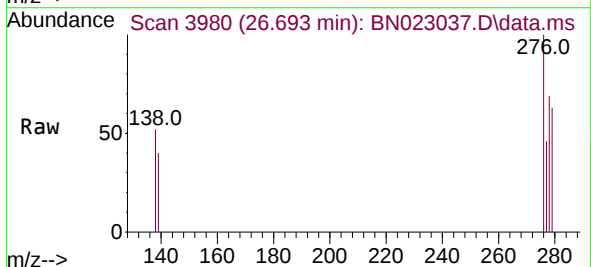
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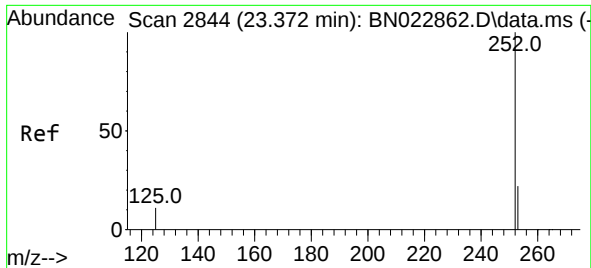
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.033 ng
 RT: 26.693 min Scan# 3980
 Delta R.T. -0.003 min
 Lab File: BN023037.D
 Acq: 02 Dec 2022 04:19

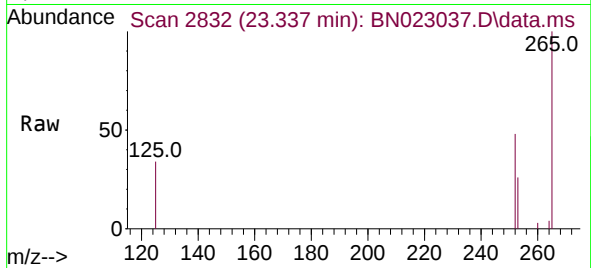
Tgt Ion:276 Resp: 675
 Ion Ratio Lower Upper
 276 100
 138 37.0 24.4 36.6
 277 22.2 19.9 29.9





#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 23.337 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

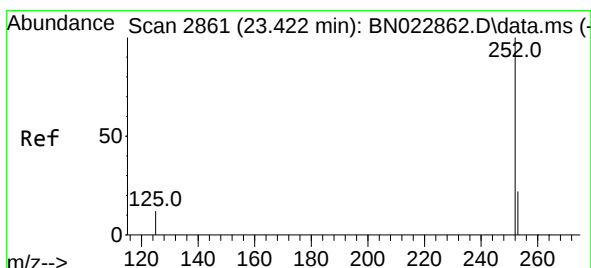
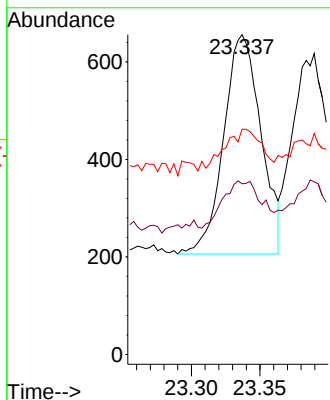
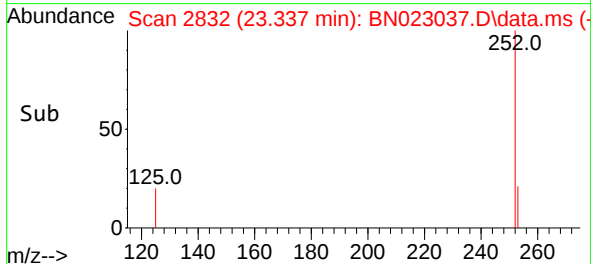
Instrument :
BNA_N
ClientSampleId :
TT101D2-20221121



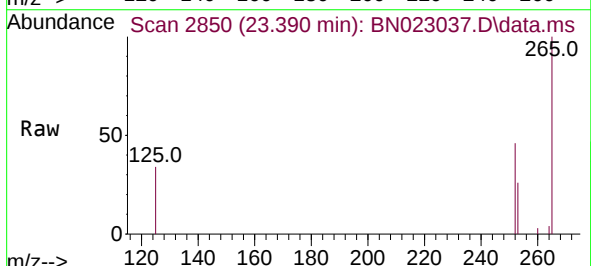
Tgt Ion:252 Resp: 852
Ion Ratio Lower Upper
252 100
253 53.4 18.5 27.7#
125 70.4 10.8 16.2#

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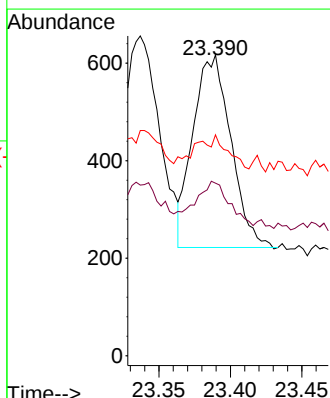
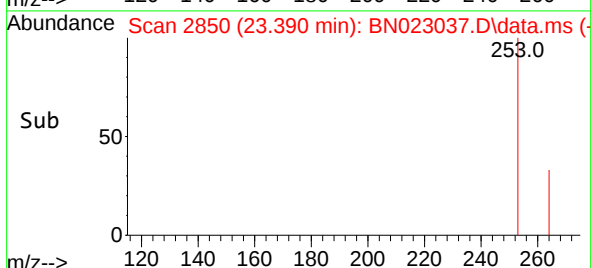
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

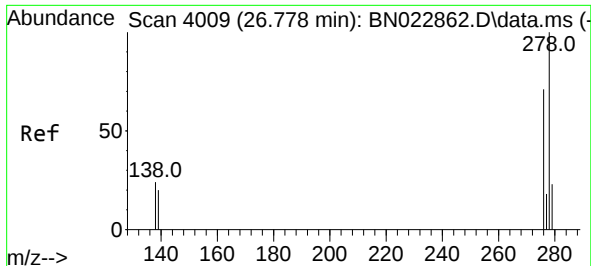


#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 23.390 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19



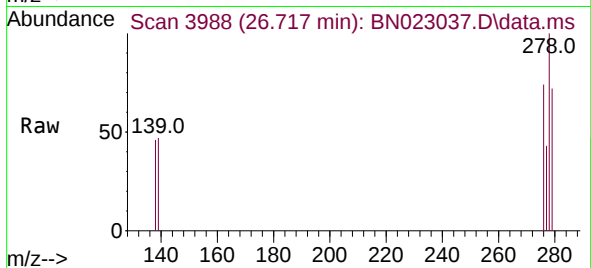
Tgt Ion:252 Resp: 727
Ion Ratio Lower Upper
252 100
253 57.4 18.6 27.8#
125 73.4 11.0 16.4#





#40
Dibenzo(a,h)anthracene
Concen: 0.037 ng
RT: 26.717 min Scan# 3988
Delta R.T. -0.000 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

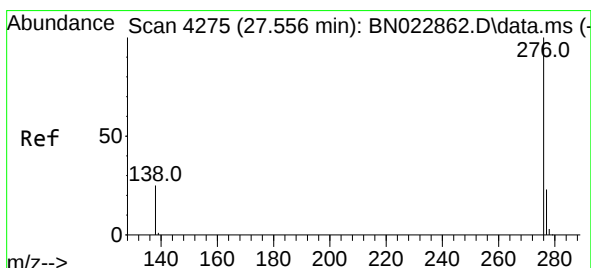
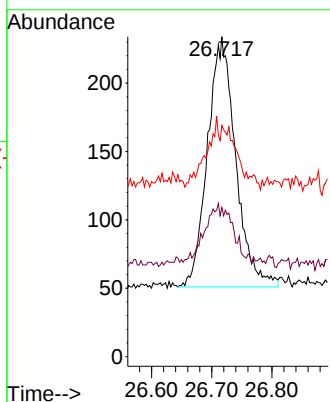
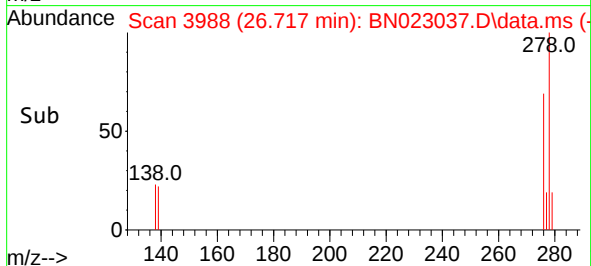
Instrument :
BNA_N
ClientSampleId :
TT101D2-20221121



Tgt Ion:278 Resp: 596
Ion Ratio Lower Upper
278 100
139 46.6 17.4 26.0#
279 72.2 20.0 30.0#

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#41
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 27.491 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN023037.D
Acq: 02 Dec 2022 04:19

Tgt Ion:276 Resp: 666
Ion Ratio Lower Upper
276 100
277 46.6 19.7 29.5#
138 53.4 21.4 32.2#

