

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
 Data File : BN032552.D
 Acq On : 08 Jul 2024 15:32
 Operator : MA/JU
 Sample : P3156-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-425-458-070224

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 16:15:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 15:11:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	5567m	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	17703	0.400	ng	0.01
13) Acenaphthene-d10	14.231	164	11876	0.400	ng	0.01
19) Phenanthrene-d10	16.991	188	20977	0.400	ng	# 0.00
29) Chrysene-d12	21.211	240	15537	0.400	ng	# 0.00
35) Perylene-d12	23.426	264	17312	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.212	112	3807	0.241	ng	0.01
5) Phenol-d6	6.815	99	4406m	0.212	ng	0.03
8) Nitrobenzene-d5	8.777	82	4011m	0.273	ng	0.03
11) 2-Methylnaphthalene-d10	11.960	152	9088	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	1776	0.312	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	14753	0.327	ng	0.01
27) Fluoranthene-d10	19.031	212	19315	0.338	ng	0.00
31) Terphenyl-d14	19.635	244	11510	0.303	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	1714	0.251	ng	# 79
12) 2-Methylnaphthalene	12.036	142	929	0.029	ng	# 83
25) Phenanthrene	17.029	178	1718	0.030	ng	# 85
28) Fluoranthene	19.063	202	1841	0.026	ng	# 85
30) Pyrene	19.435	202	3171	0.051	ng	# 93
32) Benzo(a)anthracene	21.193	228	1281	0.022	ng	# 8
33) Chrysene	21.247	228	1371	0.025	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.103	149	15818	0.396	ng	# 99

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

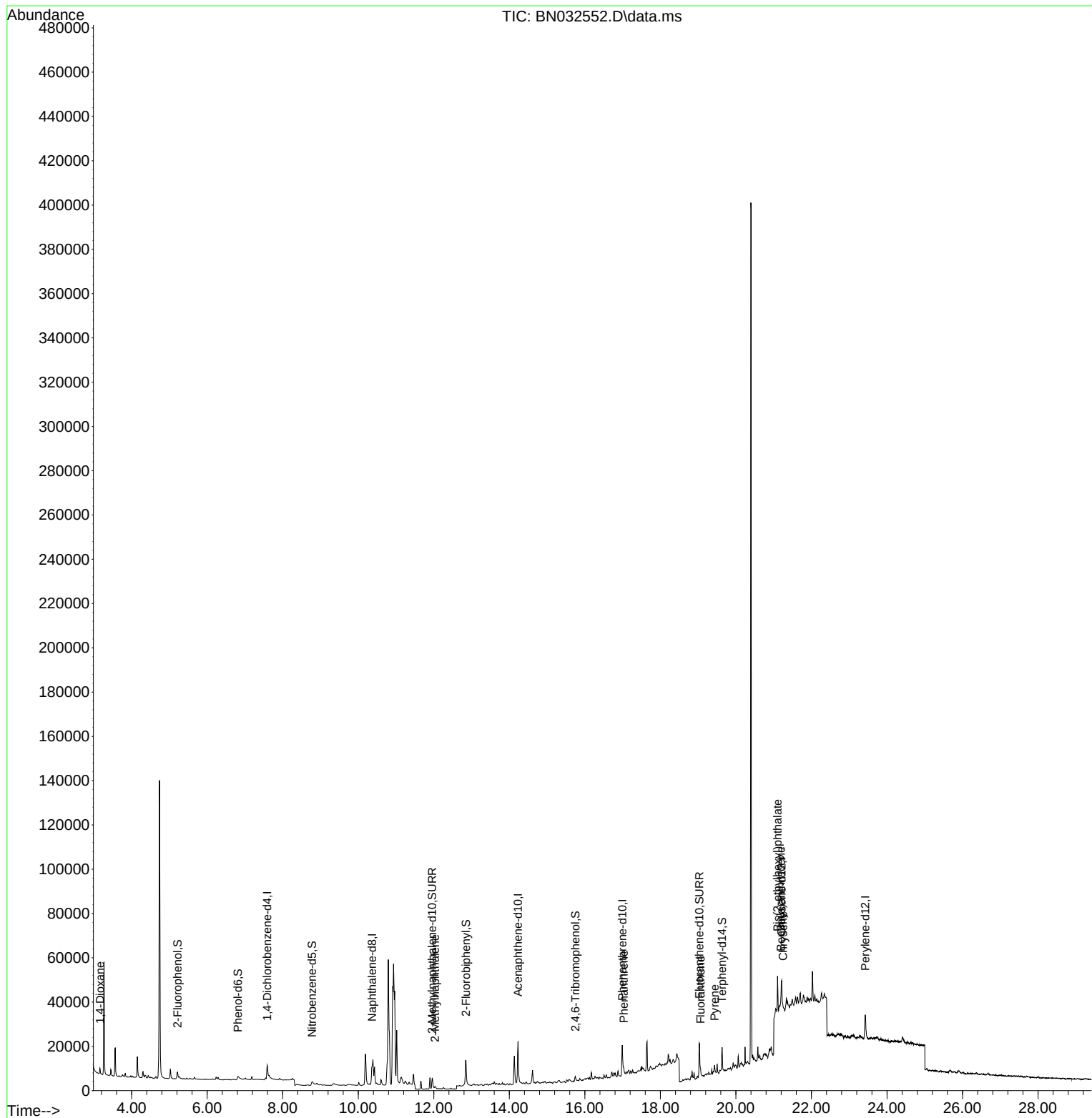
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
Data File : BN032552.D
Acq On : 08 Jul 2024 15:32
Operator : MA/JU
Sample : P3156-01
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ALS Vial : 4 Sample Multiplier: 1

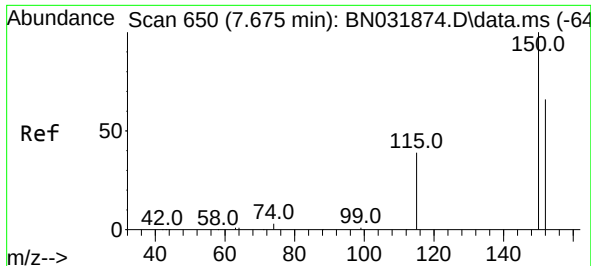
Instrument :
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ClientSampleId :
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Quant Time: Jul 08 16:15:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:11:21 2024
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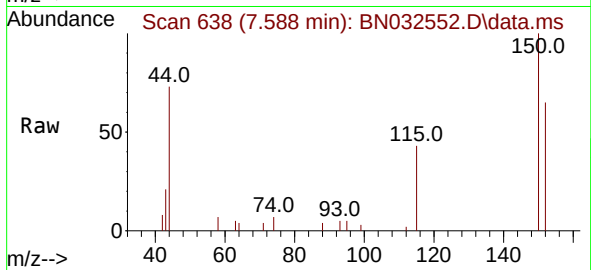
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.588 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN032552.D
 Acq: 08 Jul 2024 15:32

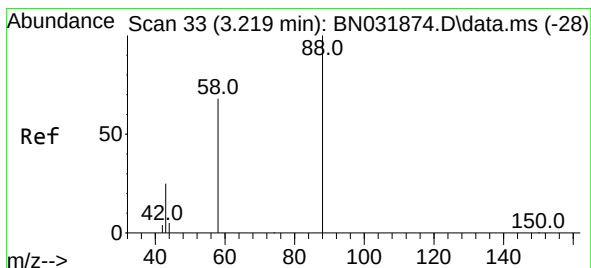
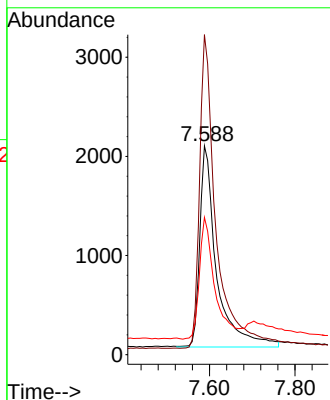
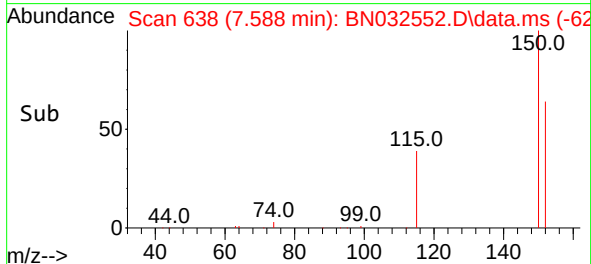
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-425-458-070224



Tgt Ion: 152 Resp: 556
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.0 181.4
 115 65.8 49.4 74.0

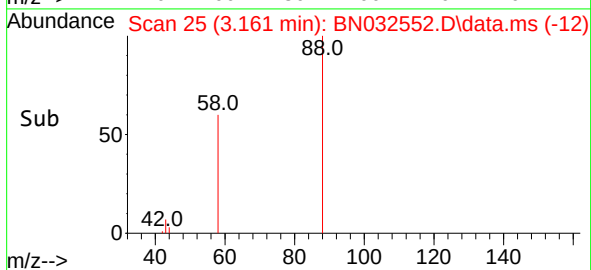
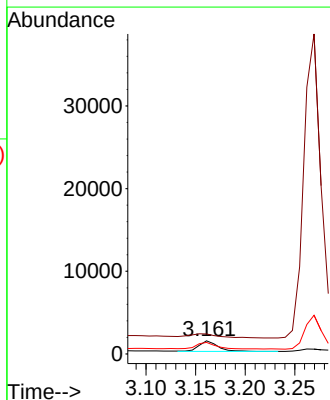
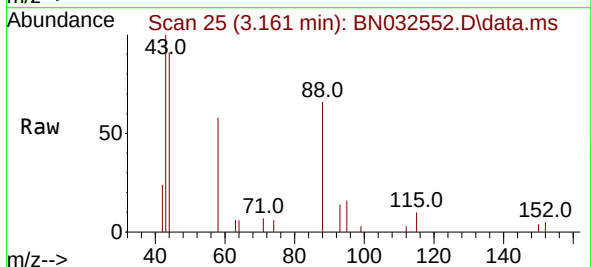
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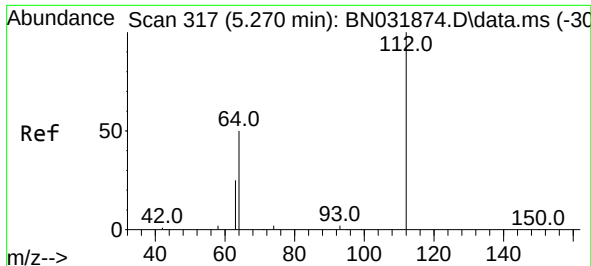
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 Supervised By :mohammad ahmed 07/09/2024



#2
 1,4-Dioxane
 Concen: 0.251 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN032552.D
 Acq: 08 Jul 2024 15:32

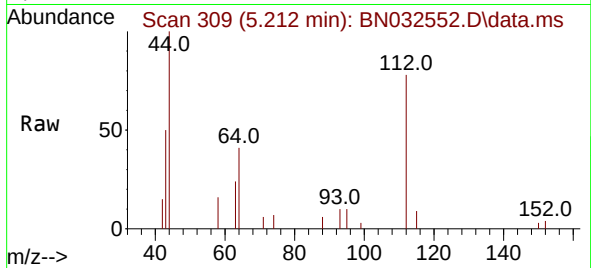
Tgt Ion: 88 Resp: 1714
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.7 34.1#
 58 69.5 51.3 76.9





#4
2-Fluorophenol
Concen: 0.241 ng
RT: 5.212 min Scan# 309
Delta R.T. 0.014 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

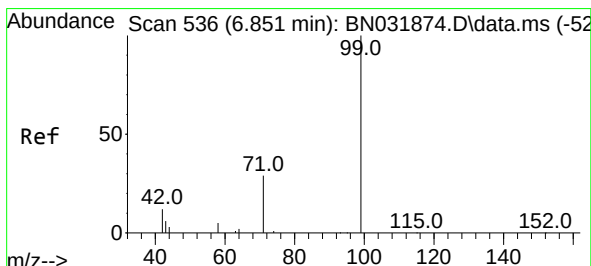
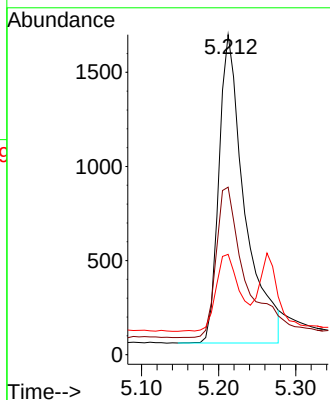
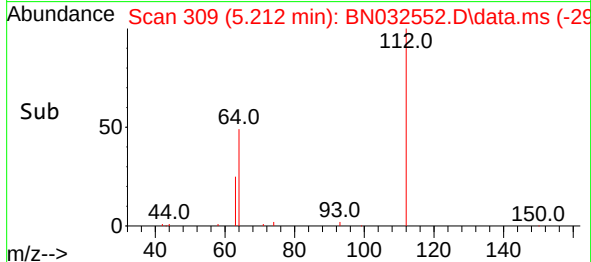
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Tgt Ion: 112 Resp: 380
Ion Ratio Lower Upper
112 100
64 53.7 42.4 63.6
63 23.2 22.1 33.1

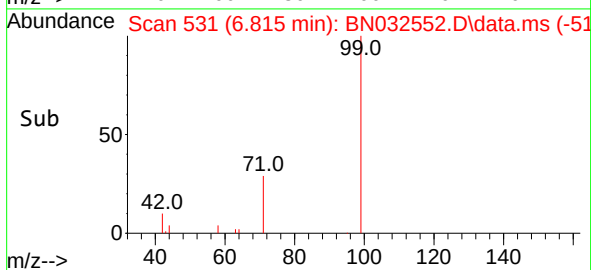
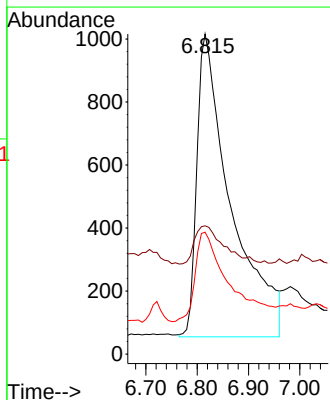
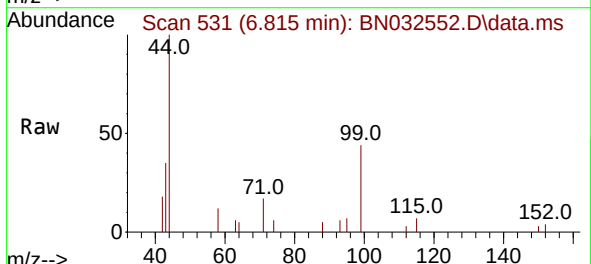
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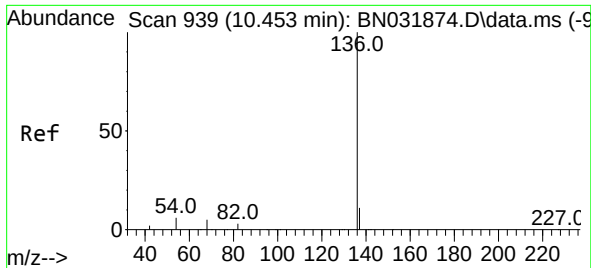
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#5
Phenol-d6
Concen: 0.212 ng m
RT: 6.815 min Scan# 531
Delta R.T. 0.029 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

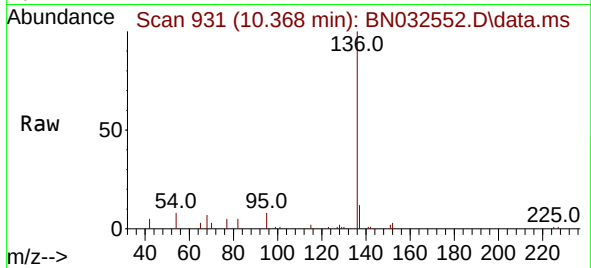
Tgt Ion: 99 Resp: 4406
Ion Ratio Lower Upper
99 100
42 9.4 12.8 19.2#
71 21.9 25.4 38.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

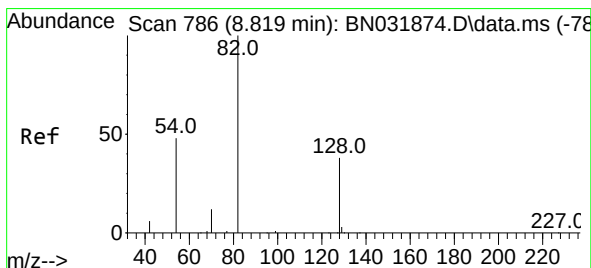
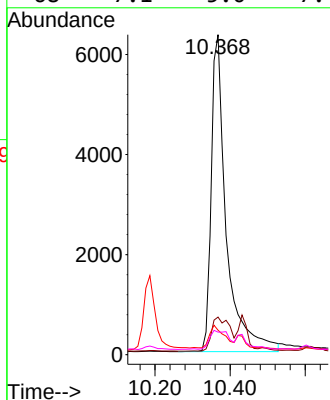
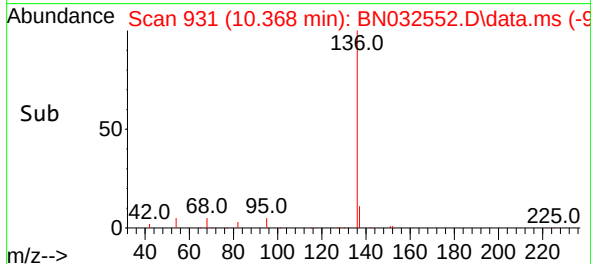
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Tgt Ion:136 Resp: 1770
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 7.7 5.6 8.4
68 7.1 5.0 7.4

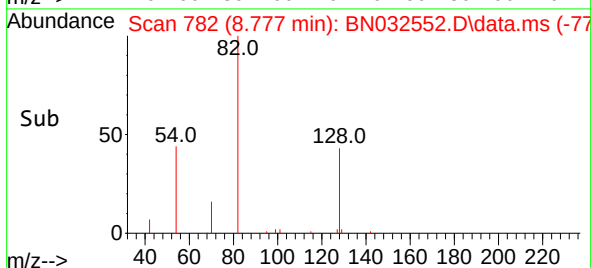
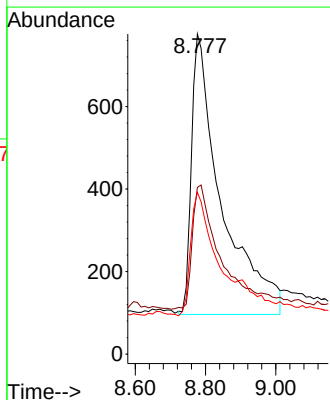
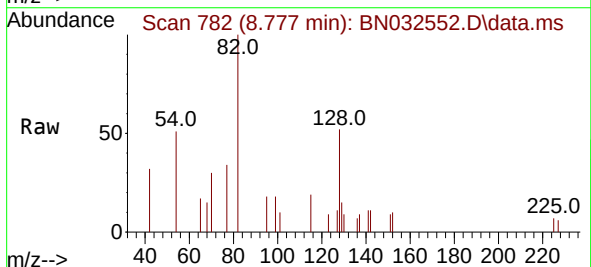
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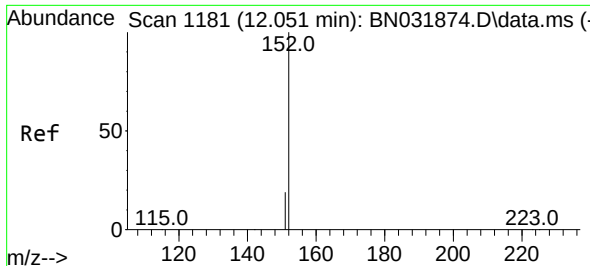
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#8
Nitrobenzene-d5
Concen: 0.273 ng m
RT: 8.777 min Scan# 782
Delta R.T. 0.032 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

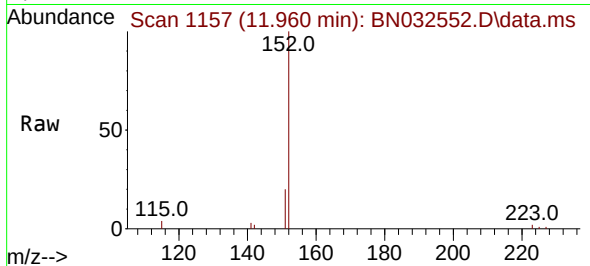
Tgt Ion: 82 Resp: 4011
Ion Ratio Lower Upper
82 100
128 52.1 32.1 48.1#
54 50.5 39.7 59.5





#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 11.960 min Scan# 1157
Delta R.T. 0.004 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

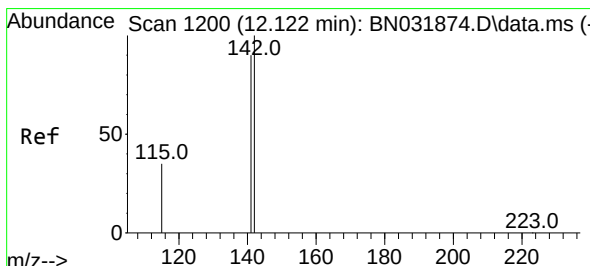
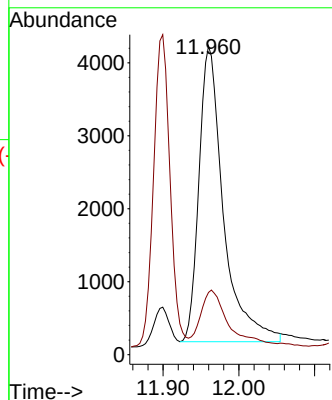
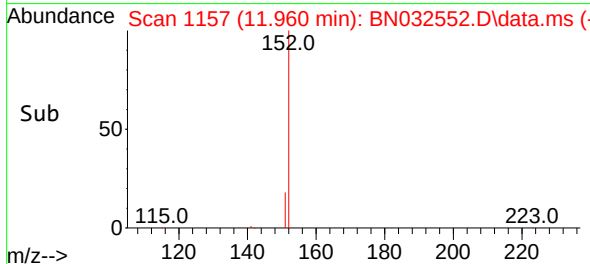
Instrument :
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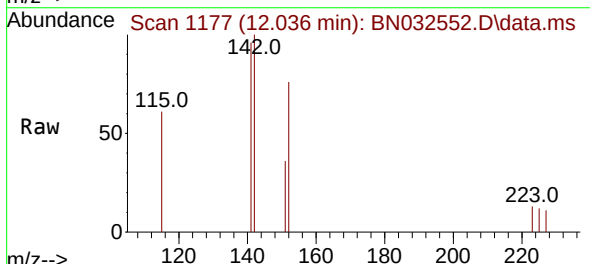
Tgt Ion:152 Resp: 908
Ion Ratio Lower Upper
152 100
151 18.8 16.3 24.5

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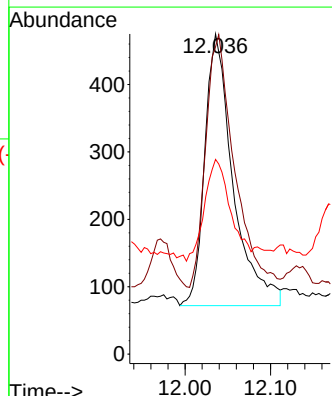
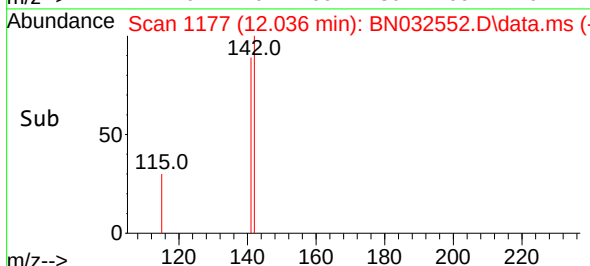
Reviewed By :Yogesh Patel 07/09/2024
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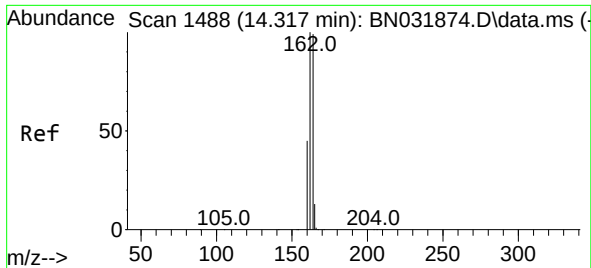


#12
2-Methylnaphthalene
Concen: 0.029 ng
RT: 12.036 min Scan# 1177
Delta R.T. 0.004 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32



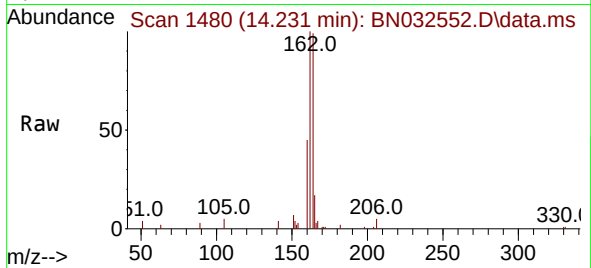
Tgt Ion:142 Resp: 929
Ion Ratio Lower Upper
142 100
141 96.0 72.2 108.2
115 60.8 28.6 43.0#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.011 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

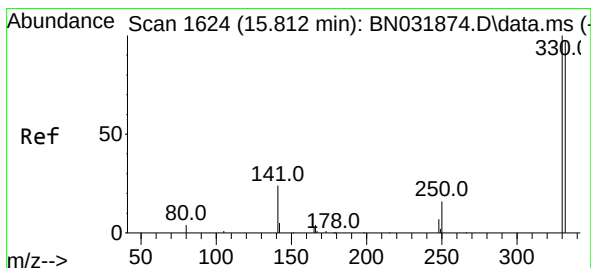
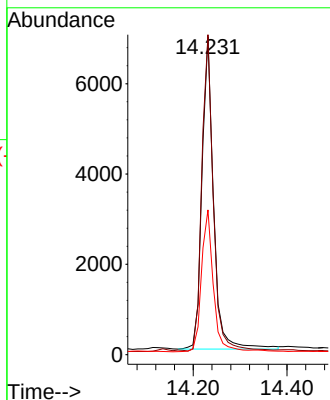
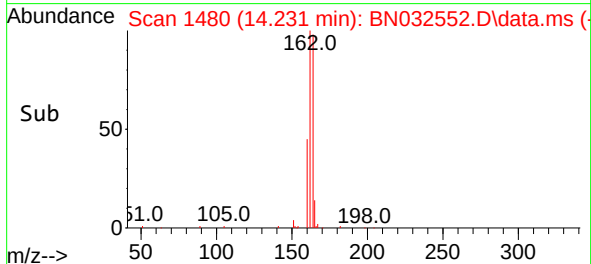
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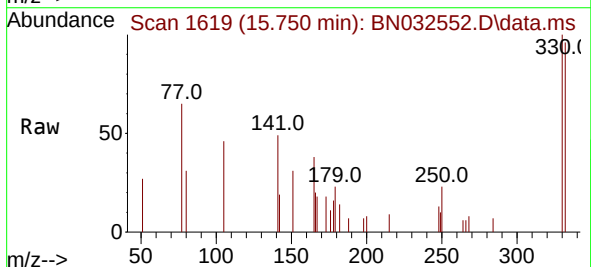
Tgt Ion:164 Resp: 11870
Ion Ratio Lower Upper
164 100
162 100.7 80.7 121.1
160 45.6 36.2 54.4

Manual Integrations
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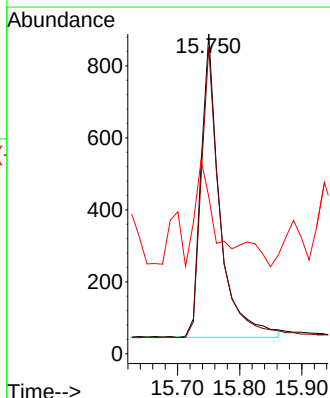
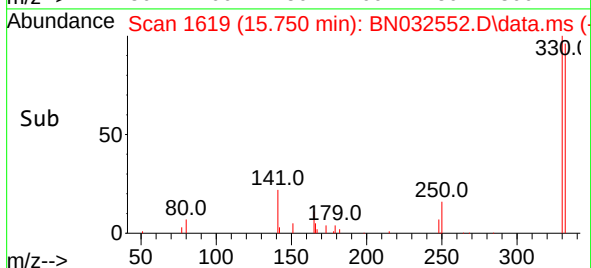
Reviewed By :Yogesh Patel 07/09/2024
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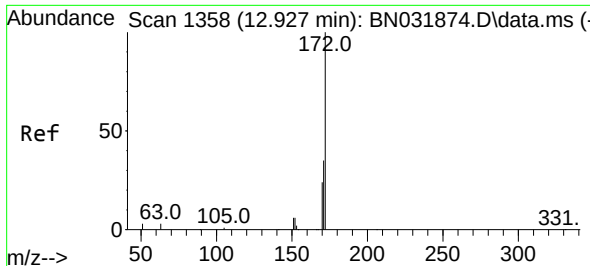


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.750 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32



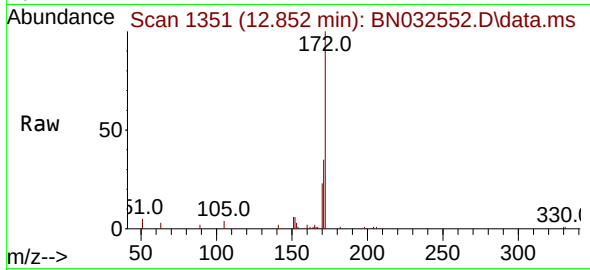
Tgt Ion:330 Resp: 1776
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 33.3 34.7 52.1#





#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.852 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

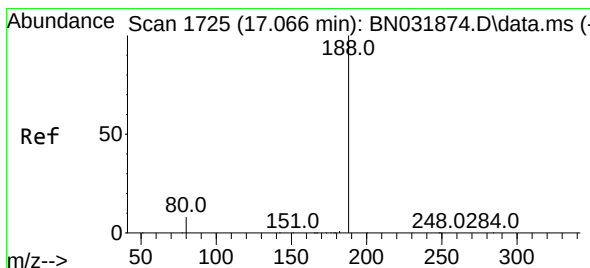
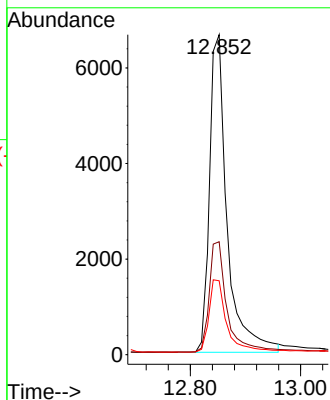
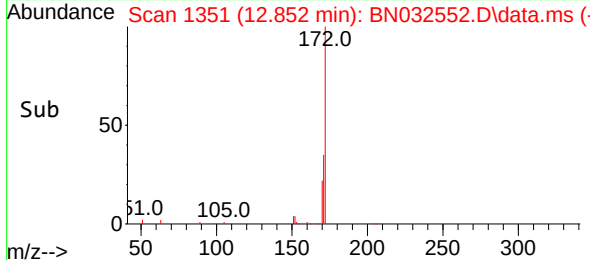
Instrument :
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GWBR-05-425-458-070224



Tgt Ion:172 Resp: 1475
Ion Ratio Lower Upper
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171 35.3 28.6 42.8
170 23.1 19.2 28.8

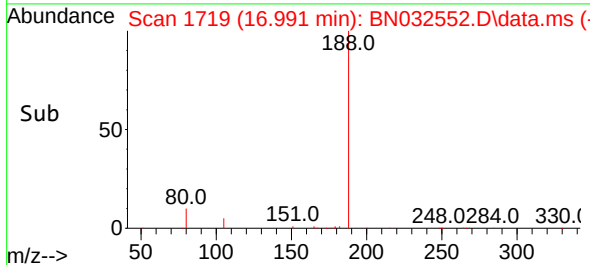
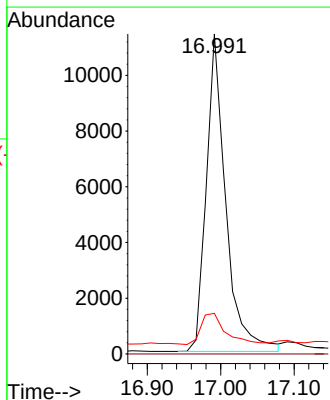
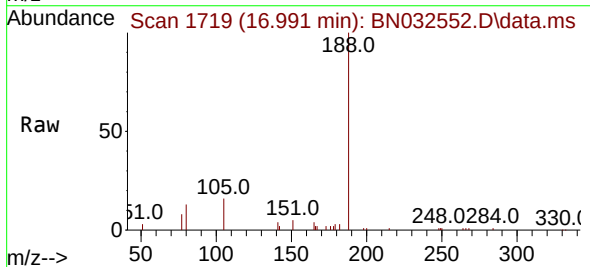
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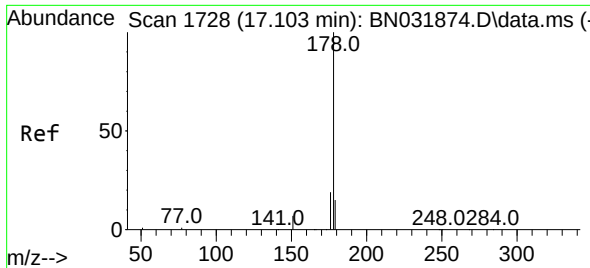
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

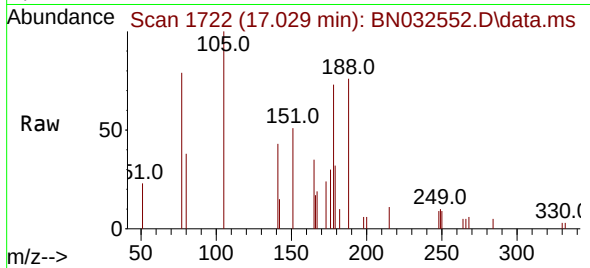
Tgt Ion:188 Resp: 20977
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 6.4 9.6





#25
Phenanthrene
Concen: 0.030 ng
RT: 17.029 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

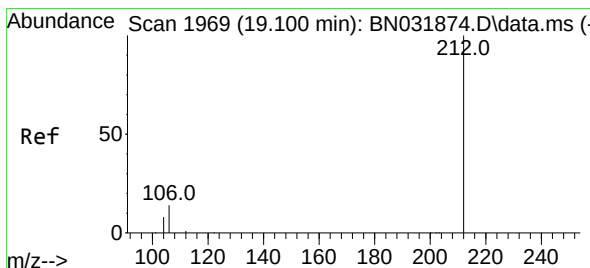
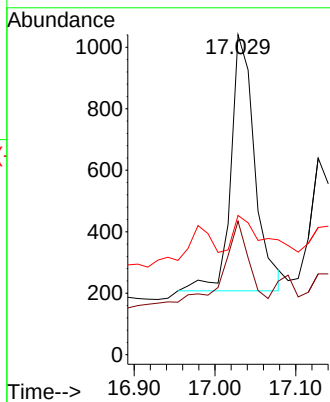
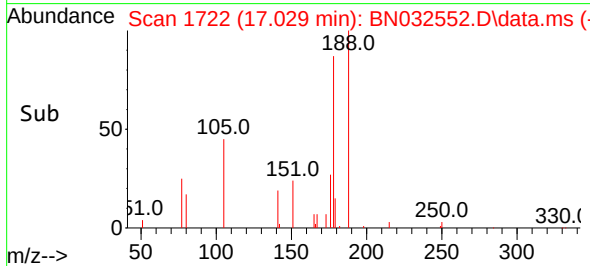
Instrument :
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Tgt Ion:178 Resp: 1718
Ion Ratio Lower Upper
178 100
176 31.7 15.4 23.0
179 15.1 12.2 18.2

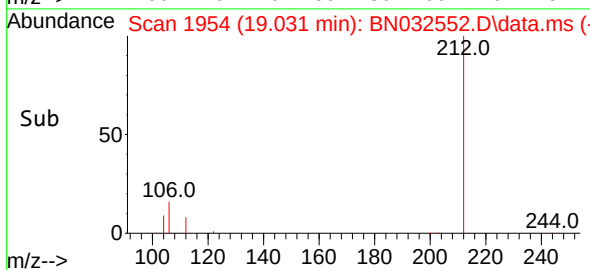
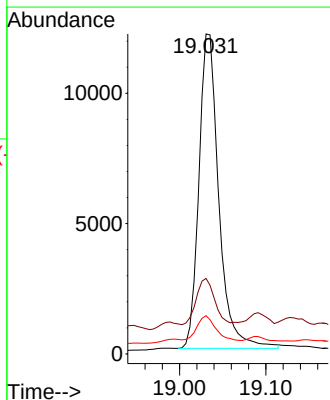
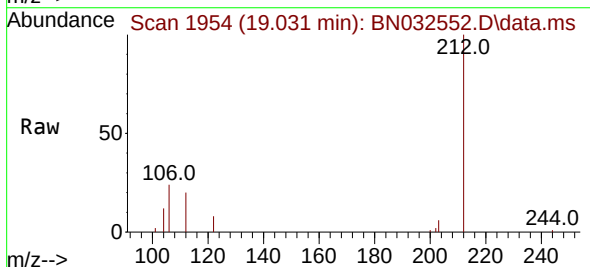
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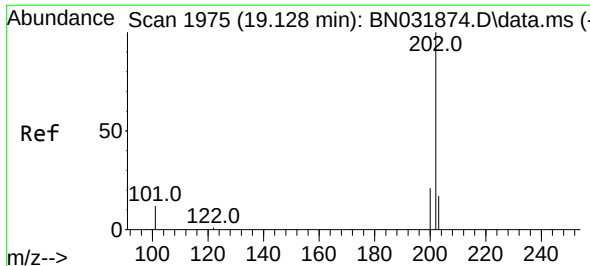
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.031 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

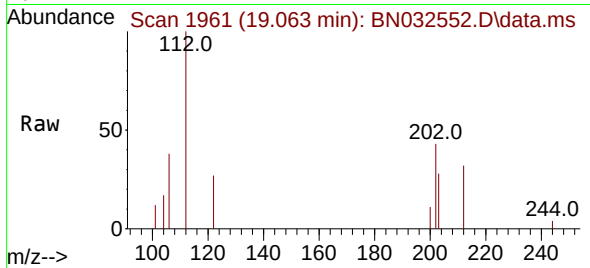
Tgt Ion:212 Resp: 19315
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.8
104 8.4 6.6 10.0





#28
Fluoranthene
Concen: 0.026 ng
RT: 19.063 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

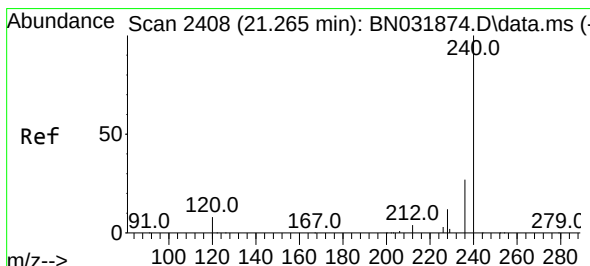
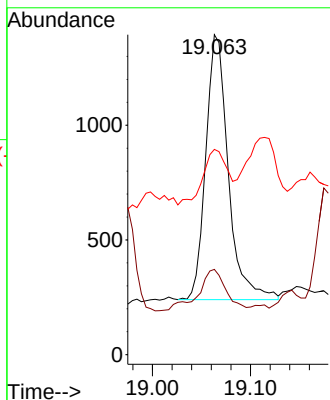
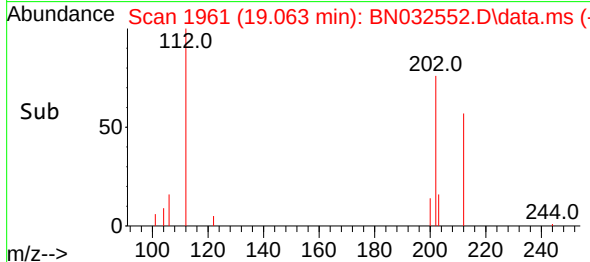
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224



Tgt Ion:202 Resp: 184
Ion Ratio Lower Upper
202 100
101 19.1 9.8 14.6
203 22.6 13.7 20.5

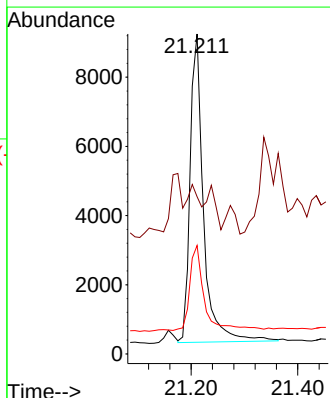
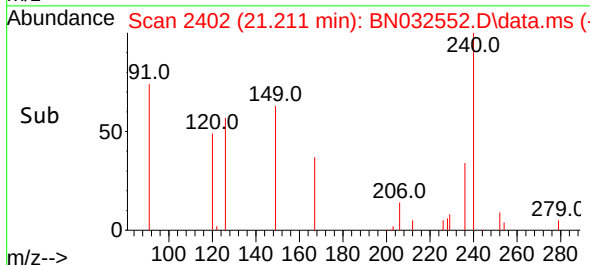
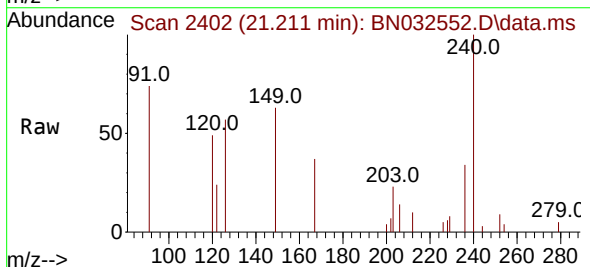
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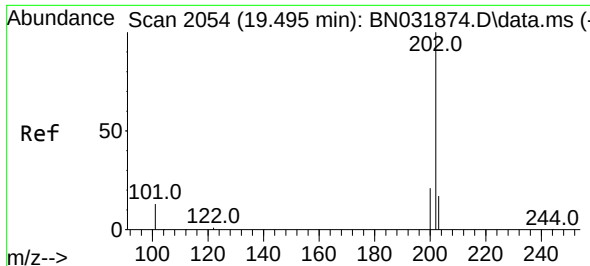
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.009 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

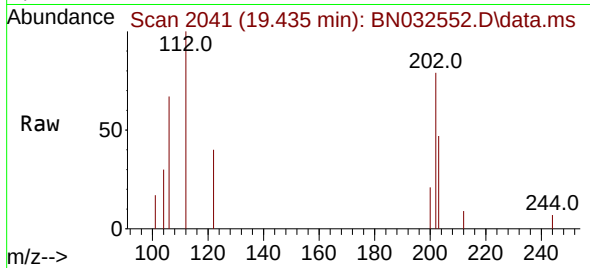
Tgt Ion:240 Resp: 15537
Ion Ratio Lower Upper
240 100
120 49.2 8.2 12.4#
236 33.9 21.8 32.8#





#30
Pyrene
Concen: 0.051 ng
RT: 19.435 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

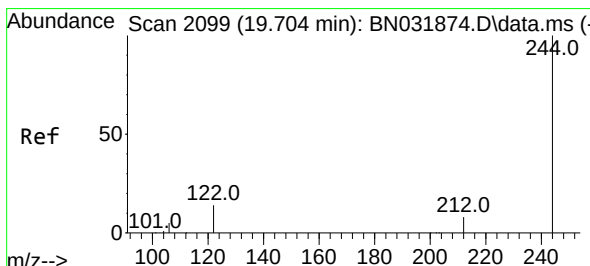
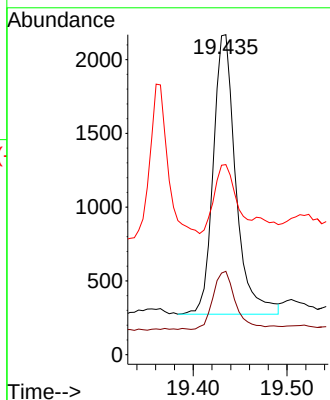
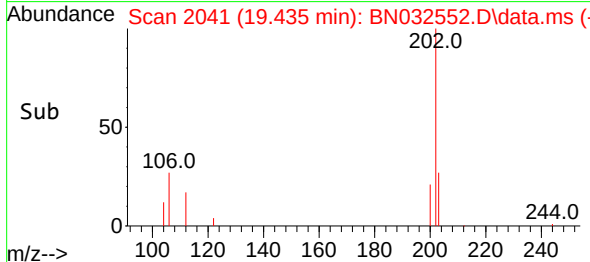
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224



Tgt Ion:202 Resp: 317
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 24.3 14.3 21.5

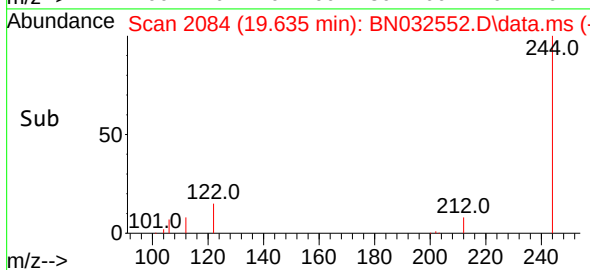
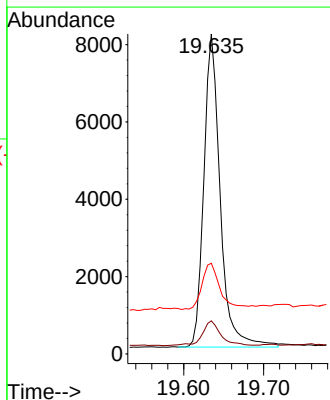
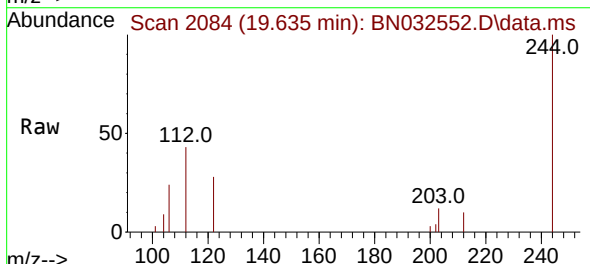
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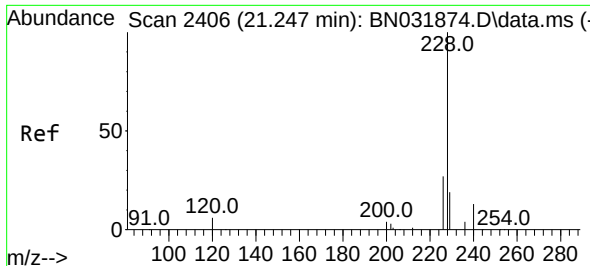
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#31
Terphenyl-d14
Concen: 0.303 ng
RT: 19.635 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

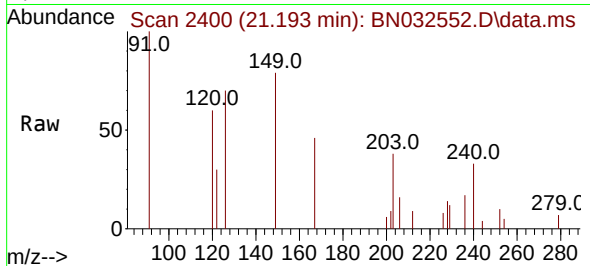
Tgt Ion:244 Resp: 11510
Ion Ratio Lower Upper
244 100
212 10.4 6.5 9.7#
122 28.3 11.4 17.0#





#32
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.193 min Scan# 2400
Delta R.T. 0.009 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

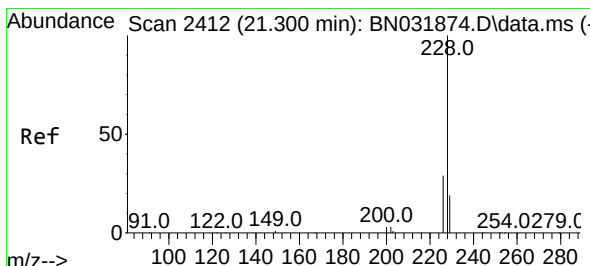
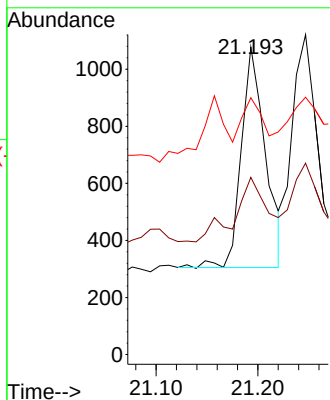
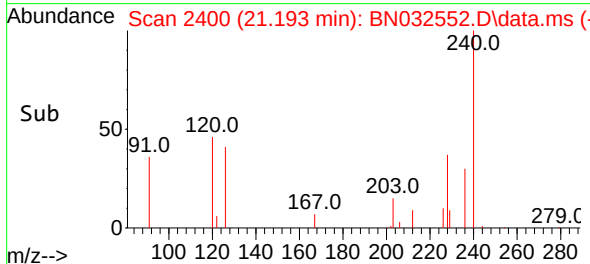
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224



Tgt Ion:228 Resp: 128
Ion Ratio Lower Upper
228 100
226 57.6 21.8 32.6
229 83.5 15.8 23.8

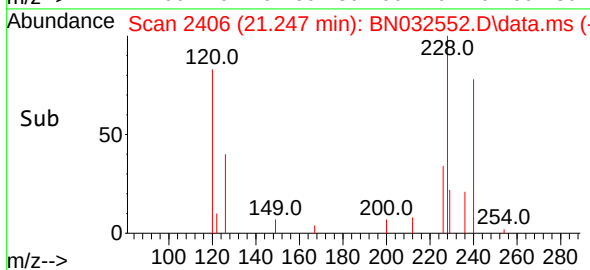
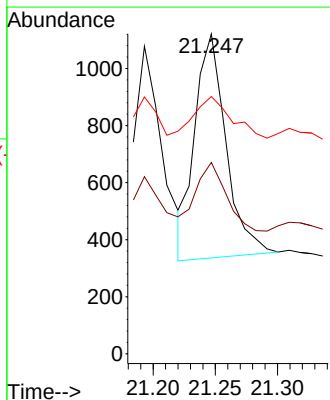
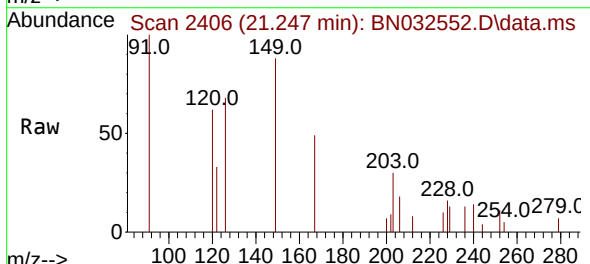
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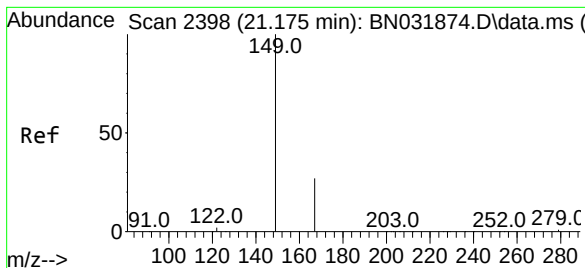
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#33
Chrysene
Concen: 0.025 ng
RT: 21.247 min Scan# 2406
Delta R.T. 0.009 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

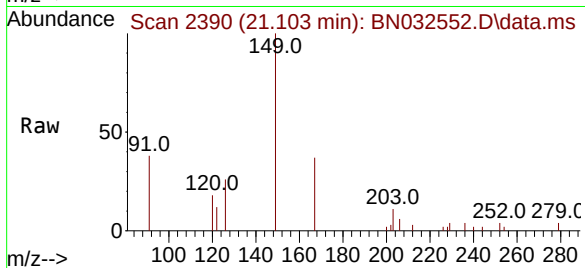
Tgt Ion:228 Resp: 1371
Ion Ratio Lower Upper
228 100
226 59.9 23.6 35.4#
229 80.5 15.8 23.6#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.396 ng
RT: 21.103 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

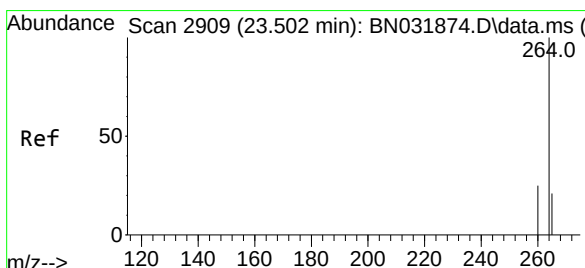
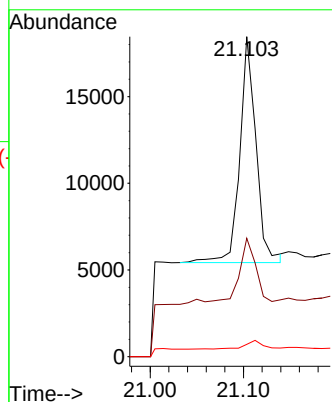
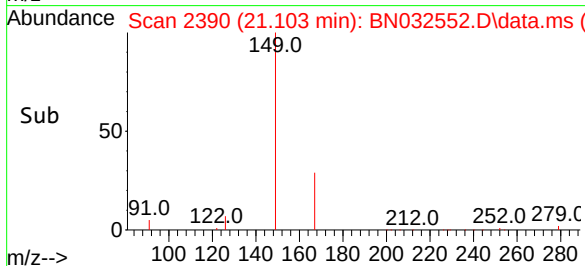
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224



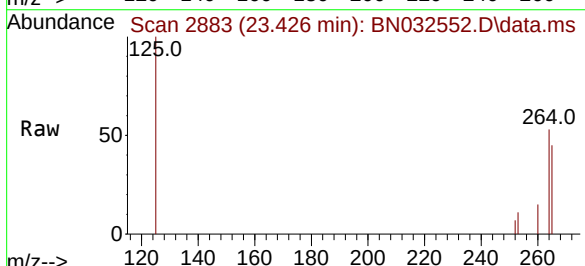
Tgt Ion:149 Resp: 15818
Ion Ratio Lower Upper
149 100
167 28.4 22.5 33.7
279 4.5 2.9 4.3

Manual Integrations
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Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.426 min Scan# 2883
Delta R.T. 0.006 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32



Tgt Ion:264 Resp: 17312
Ion Ratio Lower Upper
264 100
260 28.9 20.5 30.7
265 84.5 39.6 59.4

