

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073124\
 Data File : BN033121.D
 Acq On : 31 Jul 2024 02:01
 Operator : MA/JU
 Sample : PB162359BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162359BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 31 03:43:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 10:37:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	1122	0.400	ng	# 0.01
7) Naphthalene-d8	10.351	136	4774	0.400	ng	# 0.02
13) Acenaphthene-d10	14.169	164	3402	0.400	ng	0.00
19) Phenanthrene-d10	16.957	188	8115	0.400	ng	0.00
29) Chrysene-d12	21.151	240	8576	0.400	ng	0.00
35) Perylene-d12	23.338	264	9365	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.271	112	1412m	0.498	ng	0.03
5) Phenol-d6	6.954	99	2037m	0.578	ng	0.05
8) Nitrobenzene-d5	8.920	82	1229	0.342	ng	0.06
11) 2-Methylnaphthalene-d10	11.965	152	2937	0.402	ng	0.02
14) 2,4,6-Tribromophenol	15.741	330	447	0.307	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	4573	0.361	ng	0.02
27) Fluoranthene-d10	18.983	212	8774	0.418	ng	0.00
31) Terphenyl-d14	19.582	244	5769	0.328	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.090	88	729	0.524	ng	# 89
3) n-Nitrosodimethylamine	3.473	42	591	0.503	ng	# 82
6) bis(2-Chloroethyl)ether	7.048	93	1120	0.380	ng	# 79
9) Naphthalene	10.404	128	5196	0.393	ng	# 89
10) Hexachlorobutadiene	10.564	225	941	0.373	ng	# 100
12) 2-Methylnaphthalene	12.045	142	3034	0.351	ng	# 93
16) Acenaphthylene	13.901	152	5322	0.385	ng	99
17) Acenaphthene	14.233	154	3903	0.398	ng	99
18) Fluorene	15.248	166	5313	0.405	ng	98
21) 4-Bromophenyl-phenylether	16.150	248	1560	0.327	ng	95
22) Hexachlorobenzene	16.237	284	1745	0.327	ng	91
23) Atrazine	16.436	200	1166	0.332	ng	95
24) Pentachlorophenol	16.659	266	482	0.243	ng	93
25) Phenanthrene	16.994	178	8229	0.371	ng	100
26) Anthracene	17.106	178	5726	0.314	ng	99
28) Fluoranthene	19.015	202	11479	0.428	ng	100
30) Pyrene	19.382	202	11946	0.341	ng	99
32) Benzo(a)anthracene	21.142	228	9969	0.368	ng	99
33) Chrysene	21.187	228	12847	0.399	ng	98
34) Bis(2-ethylhexyl)phtha...	21.017	149	8411	0.560	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.551	276	14642	0.397	ng	99
37) Benzo(b)fluoranthene	22.683	252	11213	0.344	ng	98
38) Benzo(k)fluoranthene	22.727	252	14032	0.376	ng	98
39) Benzo(a)pyrene	23.253	252	10762	0.366	ng	97
40) Dibenzo(a,h)anthracene	25.545	278	11619	0.398	ng	98
41) Benzo(g,h,i)perylene	26.224	276	13480	0.417	ng	97

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

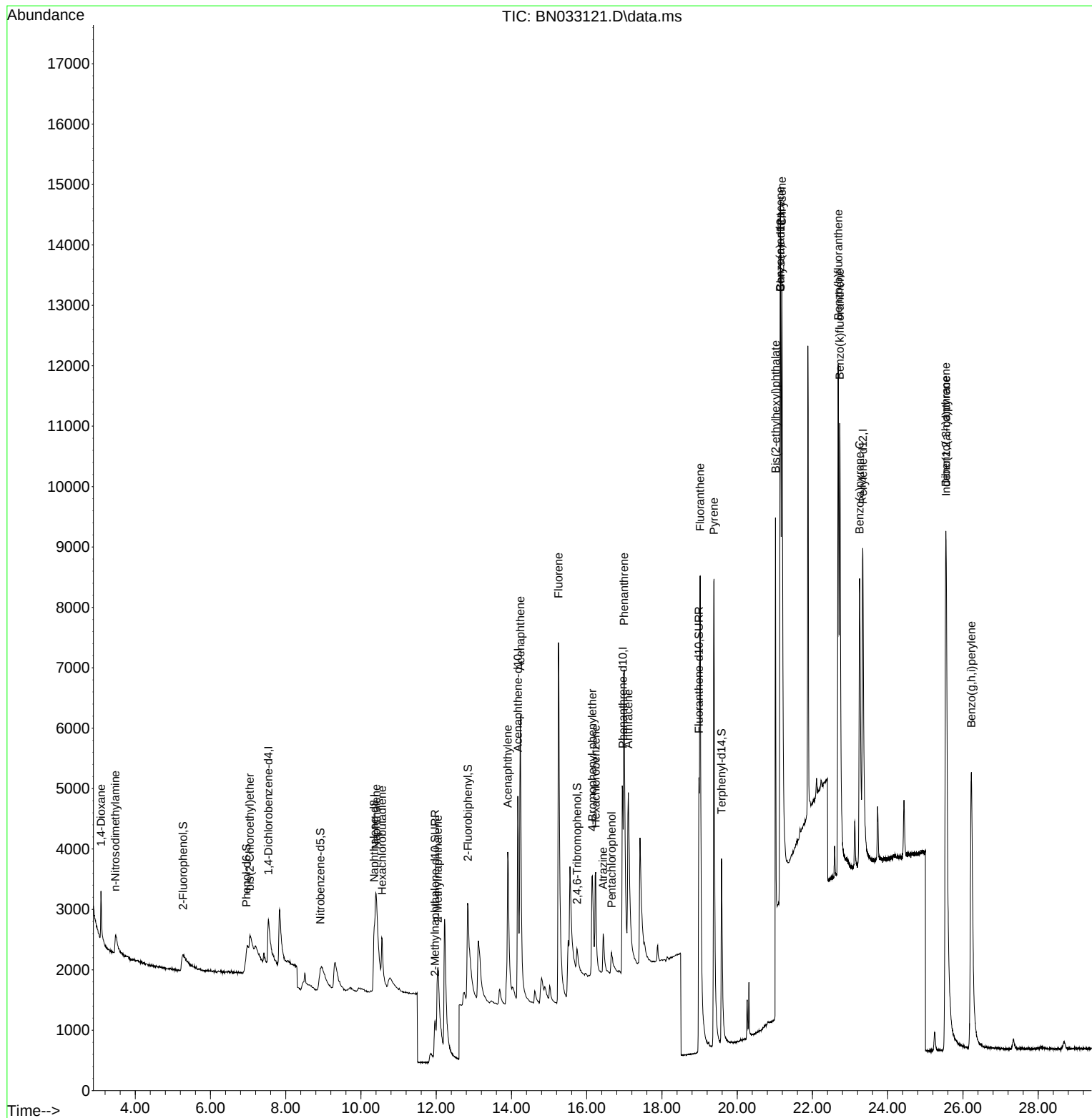
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073124\
Data File : BN033121.D
Acq On : 31 Jul 2024 02:01
Operator : MA/JU
Sample : PB162359BSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

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Quant Time: Jul 31 03:43:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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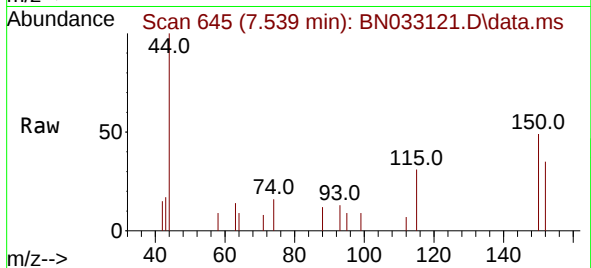
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.539 min Scan# 64
Delta R.T. 0.015 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

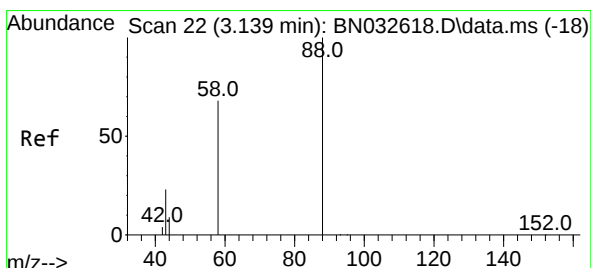
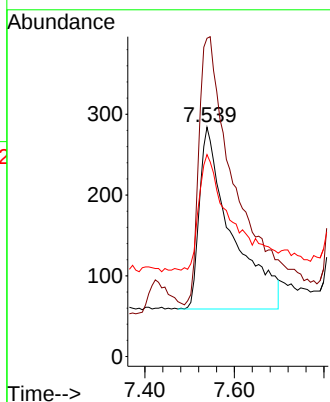
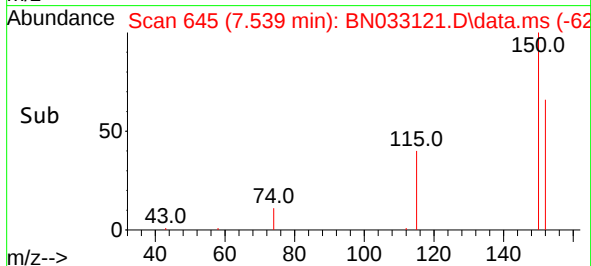
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



Tgt Ion: 152 Resp: 112
Ion Ratio Lower Upper
152 100
150 138.7 123.8 185.6
115 88.0 52.8 79.2

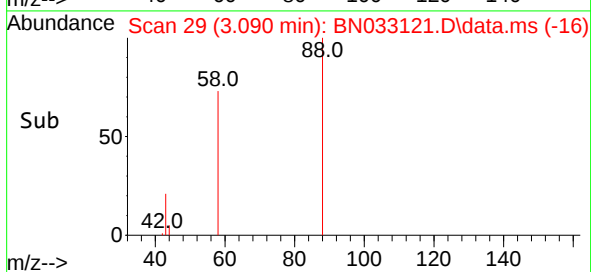
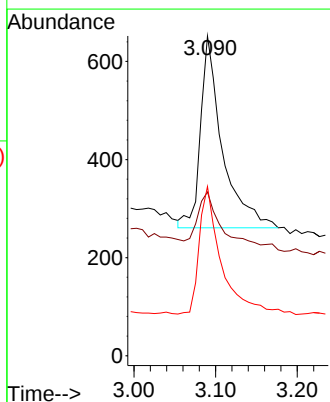
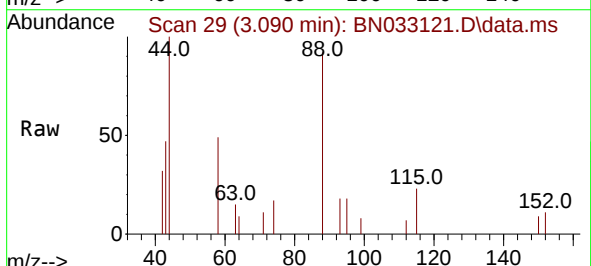
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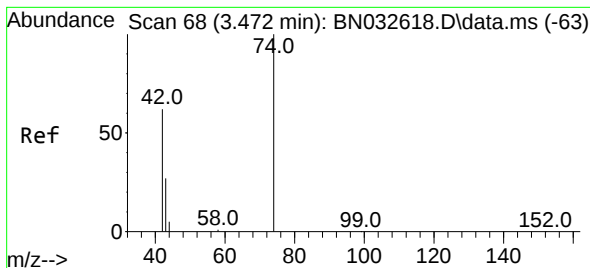
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#2
1,4-Dioxane
Concen: 0.524 ng
RT: 3.090 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Tgt Ion: 88 Resp: 729
Ion Ratio Lower Upper
88 100
43 35.5 18.4 27.6#
58 66.1 49.2 73.8





#3

n-Nitrosodimethylamine

Concen: 0.503 ng

RT: 3.473 min Scan# 81

Delta R.T. 0.000 min

Lab File: BN033121.D

Acq: 31 Jul 2024 02:01

Instrument :

BNA_N

ClientSampleId :

PB162359BSD

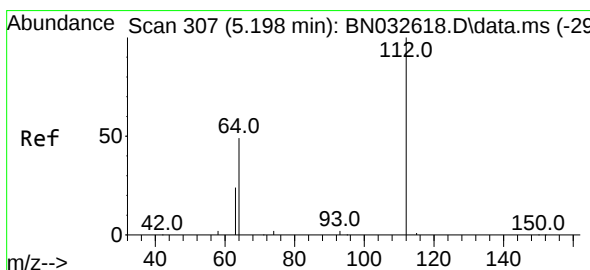
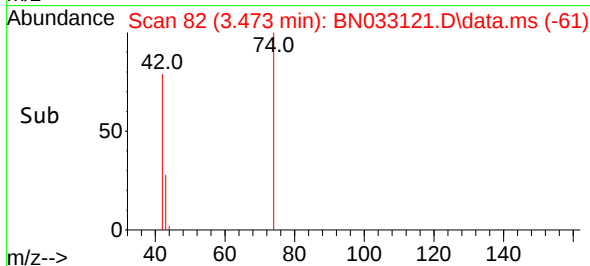
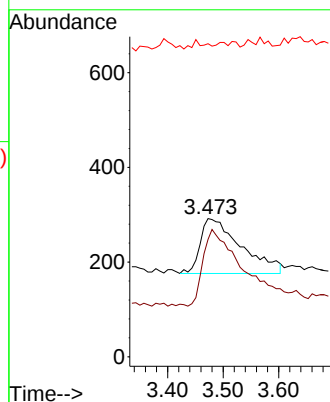
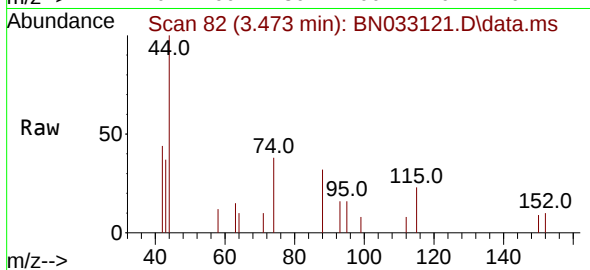
Tgt Ion:	42	Resp:	59
Ion	Ratio	Lower	Upper
42	100		
74	134.9	126.9	190.3
44	0.0	4.8	7.2

Manual Integrations

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Supervised By :mohammad ahmed 07/31/2024



#4

2-Fluorophenol

Concen: 0.498 ng m

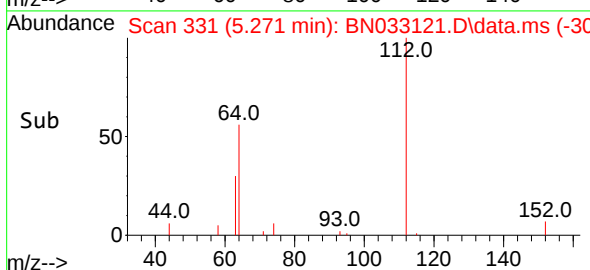
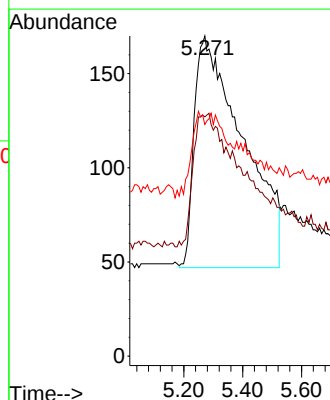
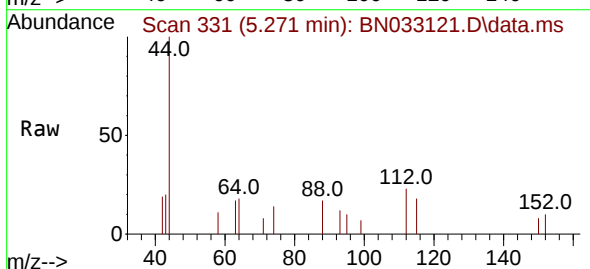
RT: 5.271 min Scan# 331

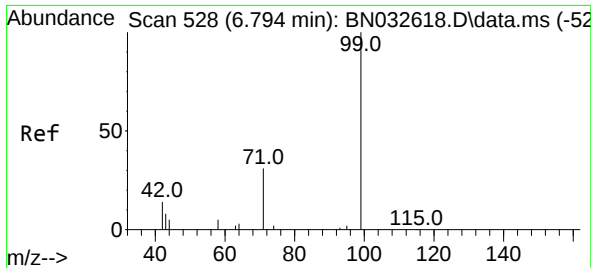
Delta R.T. 0.029 min

Lab File: BN033121.D

Acq: 31 Jul 2024 02:01

Tgt Ion:	112	Resp:	1412
Ion	Ratio	Lower	Upper
112	100		
64	47.8	40.2	60.4
63	0.0	22.2	33.4





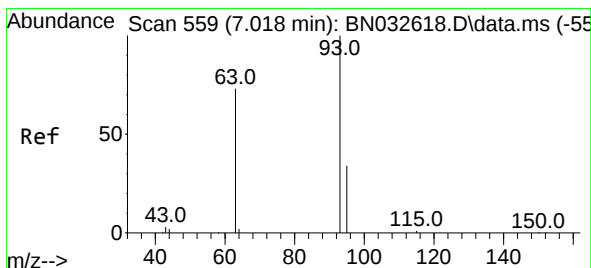
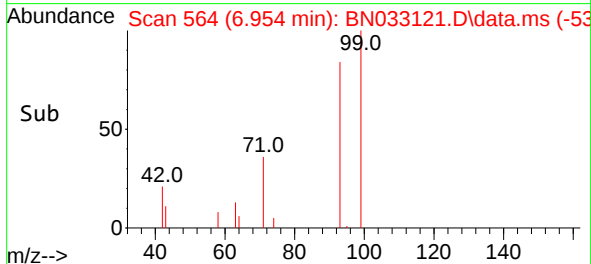
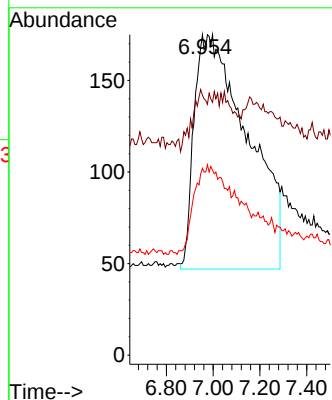
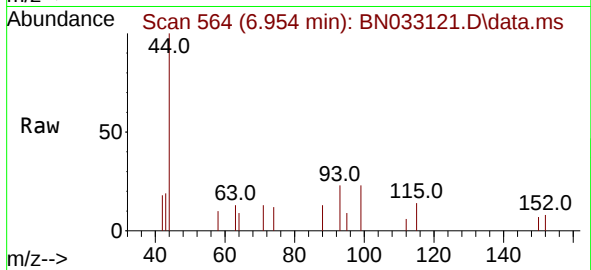
#5
Phenol-d6
Concen: 0.578 ng m
RT: 6.954 min Scan# 503
Delta R.T. 0.051 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Instrument :
BNA_N
ClientSampleId :
PB162359BSD

Tgt Ion: 99 Resp: 203
Ion Ratio Lower Upper
99 100
42 7.0 10.5 15.7
71 0.0 22.3 33.5

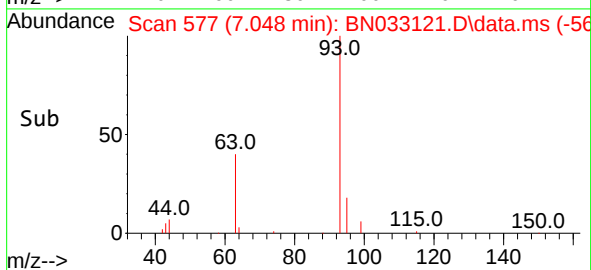
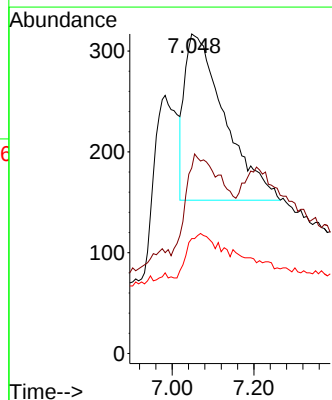
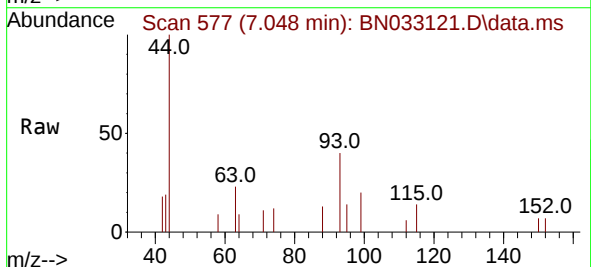
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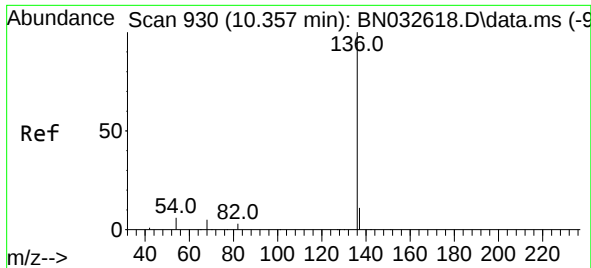
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.380 ng
RT: 7.048 min Scan# 577
Delta R.T. 0.022 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

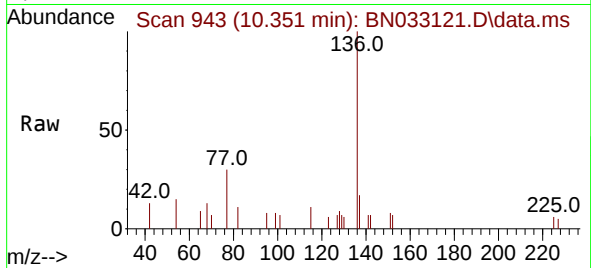
Tgt Ion: 93 Resp: 1120
Ion Ratio Lower Upper
93 100
63 58.3 46.4 69.6
95 0.0 25.5 38.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. 0.021 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

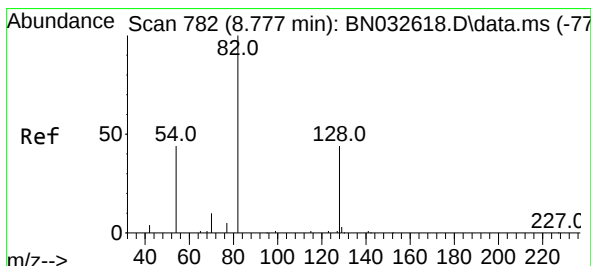
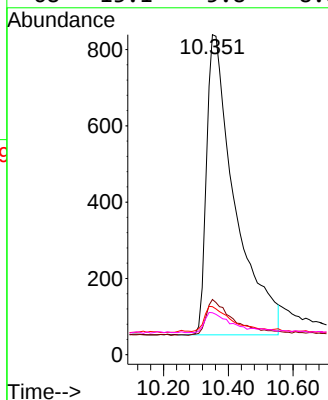
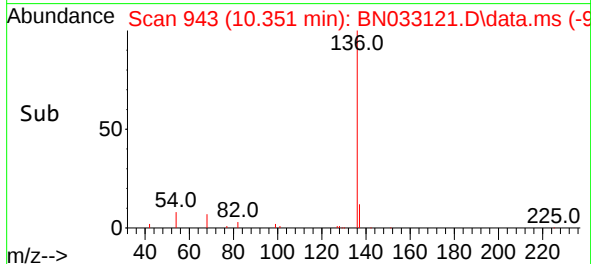
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



Tgt Ion:136 Resp: 4774
Ion Ratio Lower Upper
136 100
137 17.3 9.9 14.9
54 15.0 6.5 9.7
68 13.1 5.8 8.8

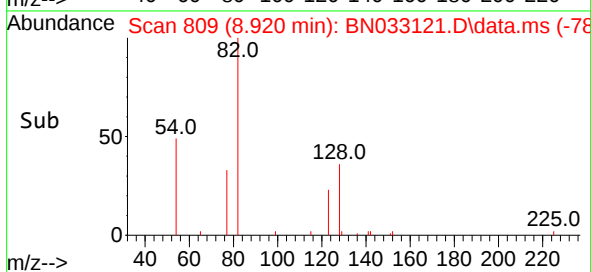
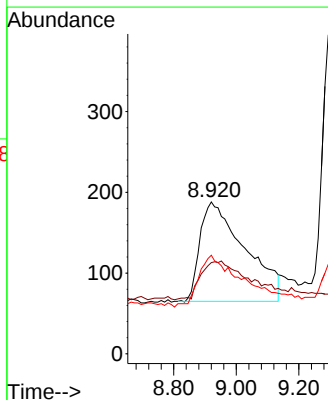
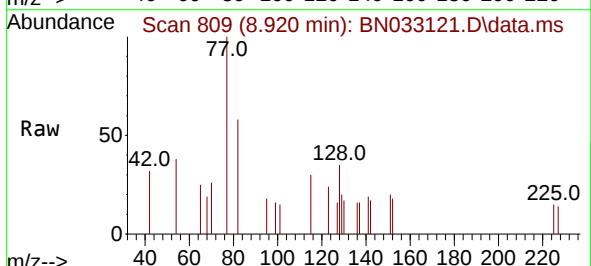
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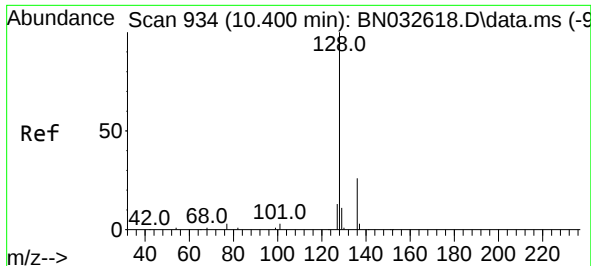
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.920 min Scan# 809
Delta R.T. 0.064 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Tgt Ion: 82 Resp: 1229
Ion Ratio Lower Upper
82 100
128 60.1 41.7 62.5
54 64.9 39.5 59.3





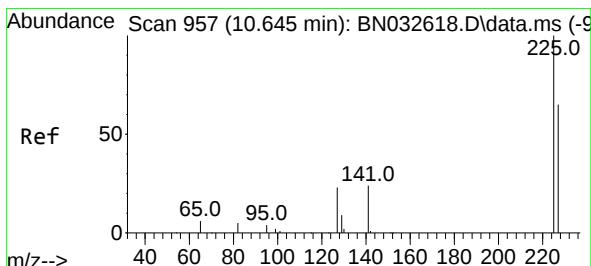
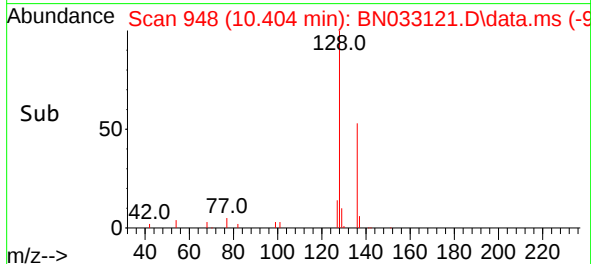
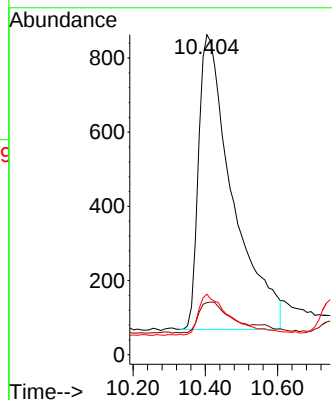
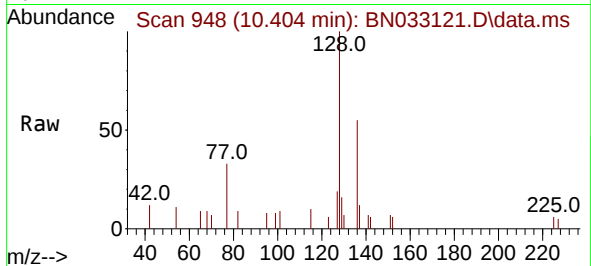
#9
Naphthalene
Concen: 0.393 ng
RT: 10.404 min Scan# 941
Delta R.T. 0.021 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Instrument :
BNA_N
ClientSampleId :
PB162359BSD

Tgt Ion:128 Resp: 5190
Ion Ratio Lower Upper
128 100
129 16.2 9.8 14.8
127 18.9 11.5 17.3

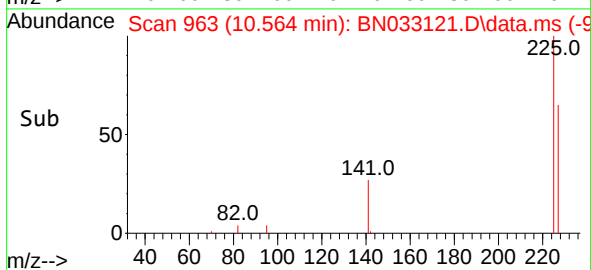
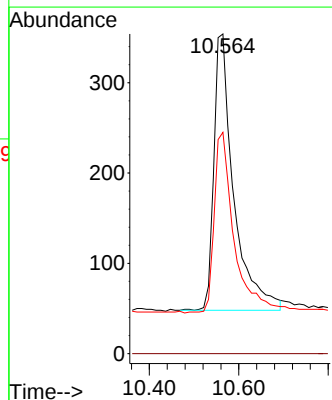
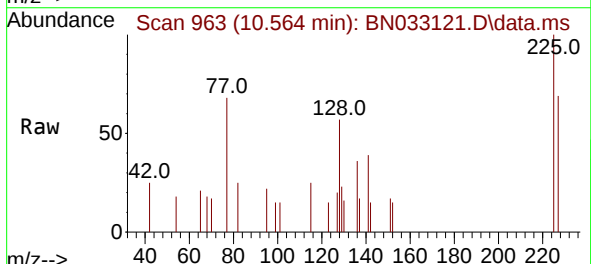
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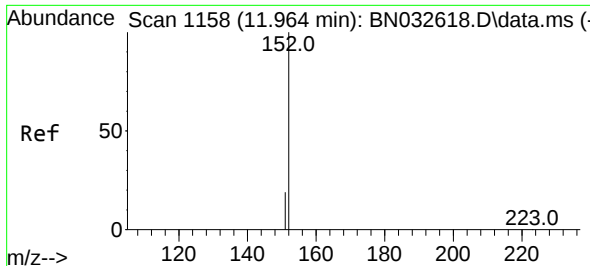
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 10.564 min Scan# 963
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

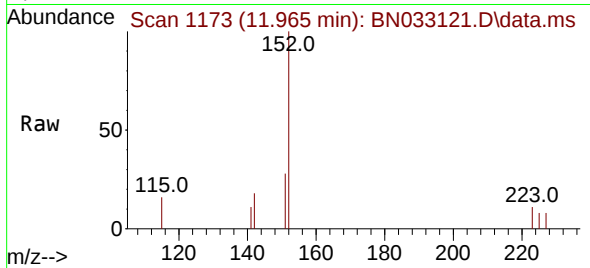
Tgt Ion:225 Resp: 941
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.1 51.3 76.9





#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 11.965 min Scan# 1158
Delta R.T. 0.019 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

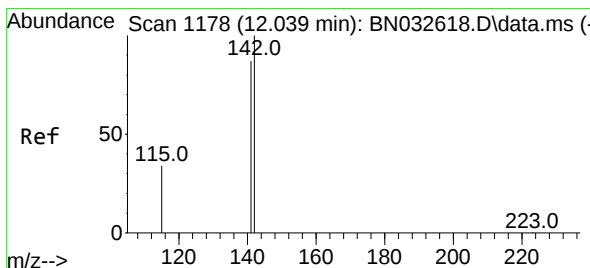
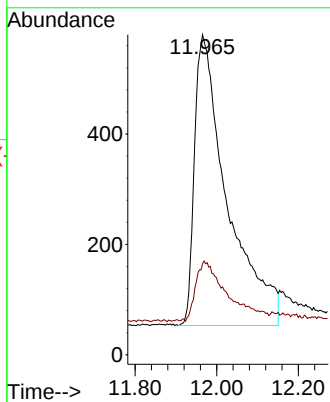
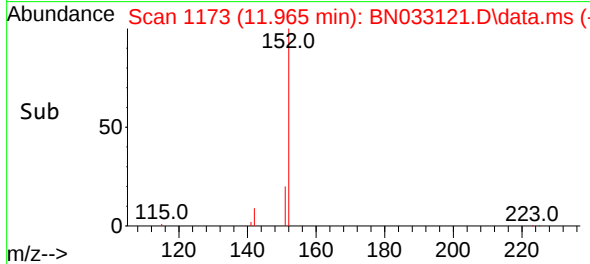
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



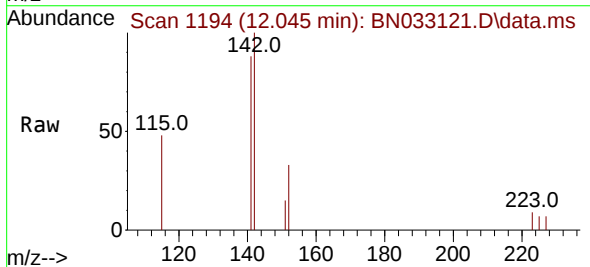
Tgt Ion:152 Resp: 293
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2

Manual Integrations
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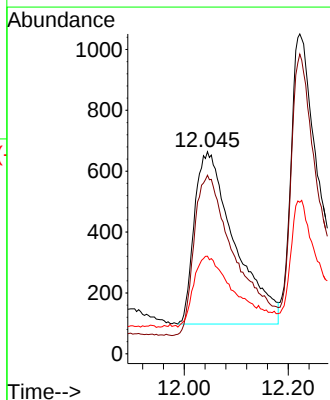
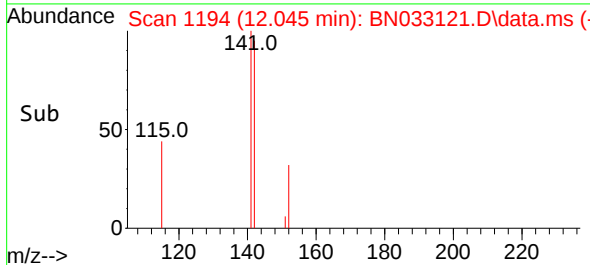
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

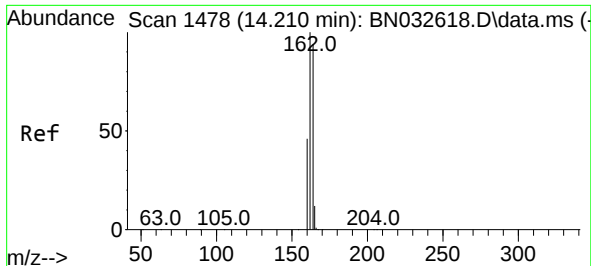


#12
2-Methylnaphthalene
Concen: 0.351 ng
RT: 12.045 min Scan# 1194
Delta R.T. 0.023 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01



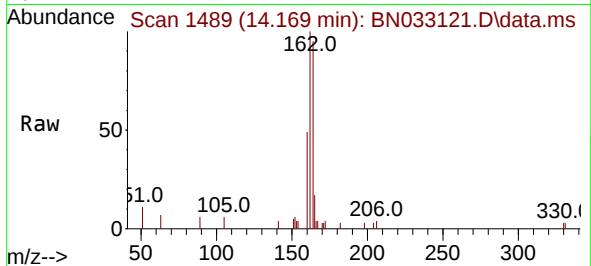
Tgt Ion:142 Resp: 3034
Ion Ratio Lower Upper
142 100
141 88.4 69.3 103.9
115 48.3 29.5 44.3#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.169 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

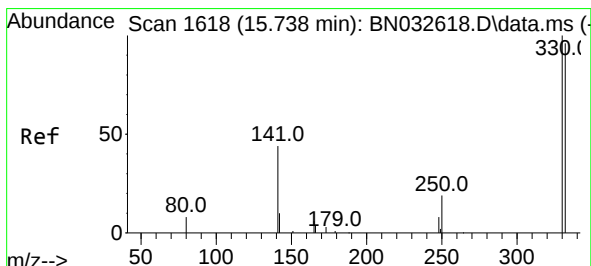
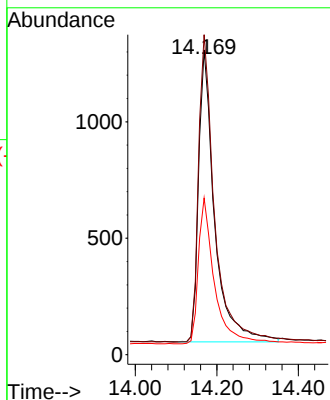
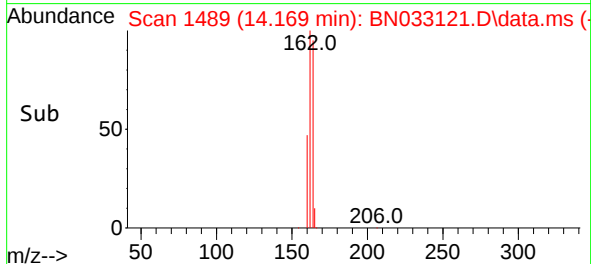
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



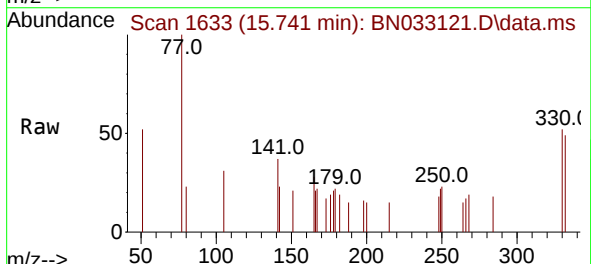
Tgt Ion:164 Resp: 340
Ion Ratio Lower Upper
164 100
162 105.0 85.0 127.4
160 51.4 39.4 59.2

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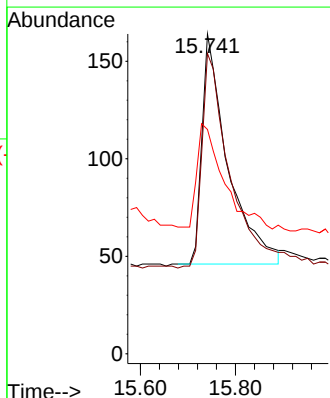
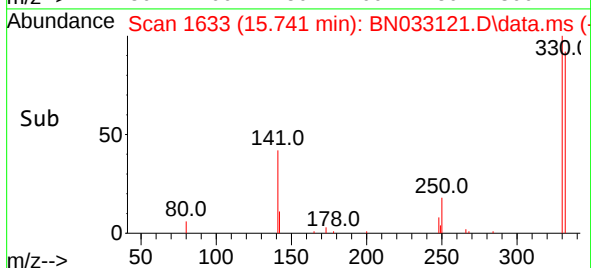
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

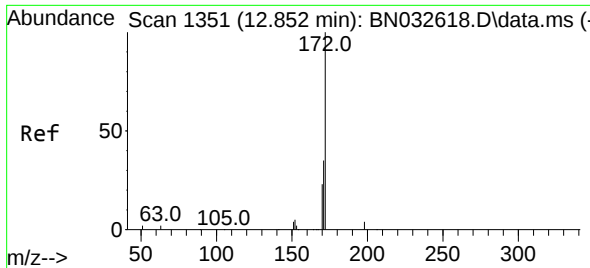


#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.741 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01



Tgt Ion:330 Resp: 447
Ion Ratio Lower Upper
330 100
332 99.8 77.8 116.8
141 47.2 34.2 51.2





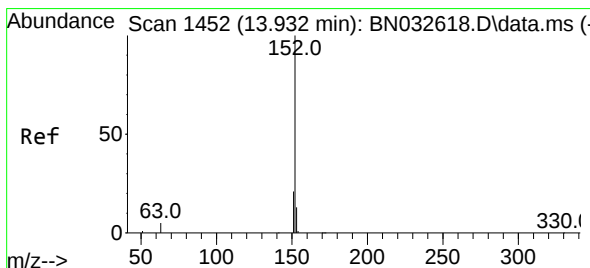
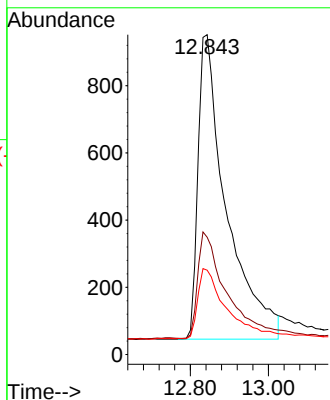
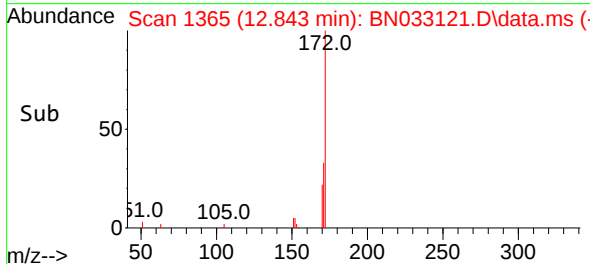
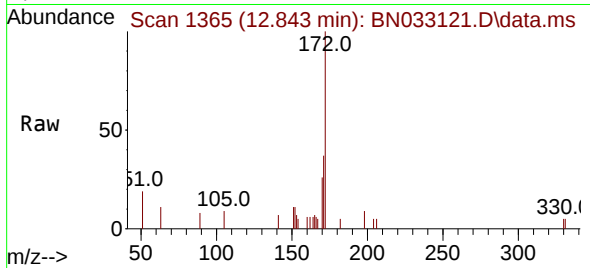
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 12.843 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Instrument :
BNA_N
ClientSampleId :
PB162359BSD

Tgt Ion:172 Resp: 457
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 26.4 19.0 28.6

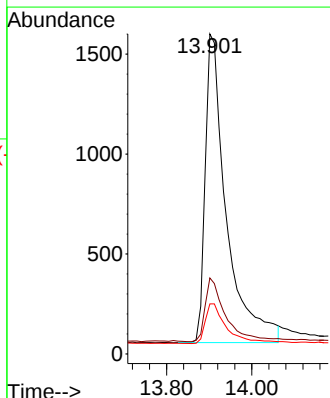
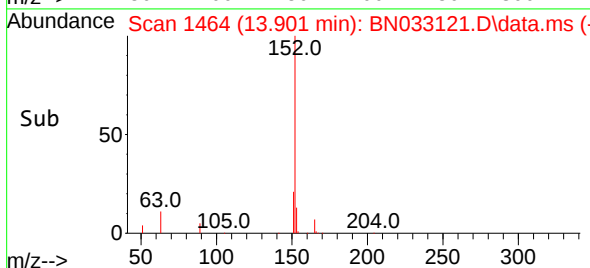
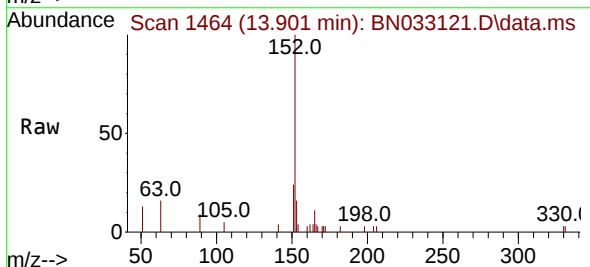
Manual Integrations
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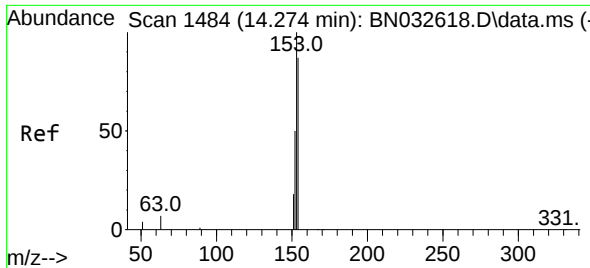
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.901 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

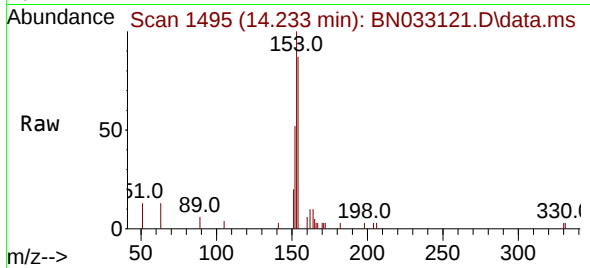
Tgt Ion:152 Resp: 5322
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.1 10.6 15.8





#17
 Acenaphthene
 Concen: 0.398 ng
 RT: 14.233 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: BN033121.D
 Acq: 31 Jul 2024 02:01

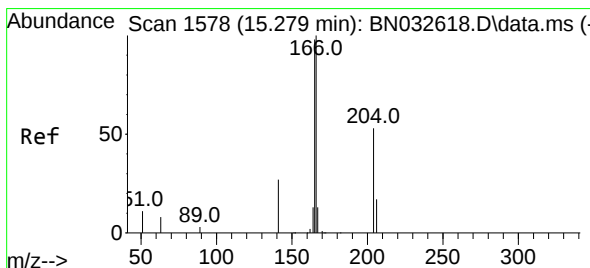
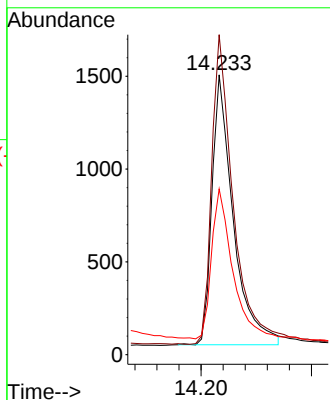
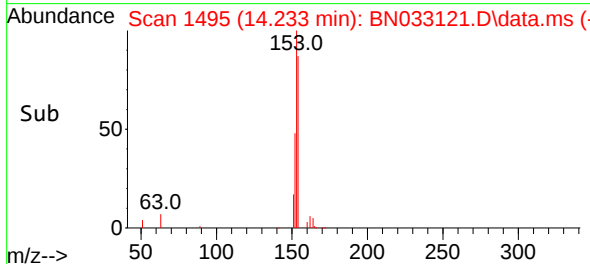
Instrument :
 BNA_N
 ClientSampleId :
 PB162359BSD



Tgt Ion:154 Resp: 390
 Ion Ratio Lower Upper
 154 100
 153 115.1 91.8 137.8
 152 53.8 45.2 67.8

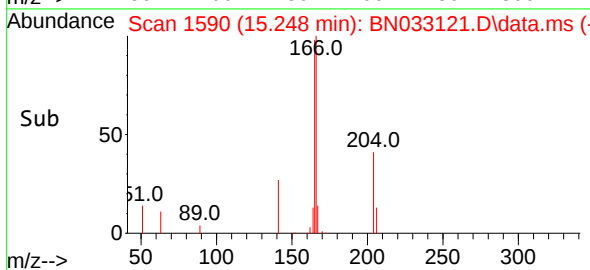
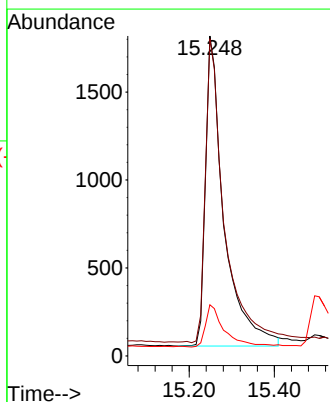
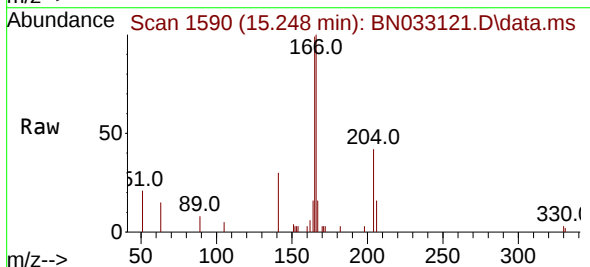
Manual Integrations
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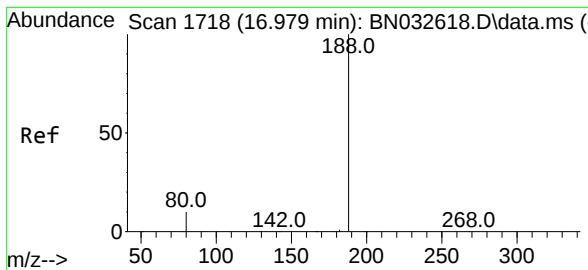
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024



#18
 Fluorene
 Concen: 0.405 ng
 RT: 15.248 min Scan# 1590
 Delta R.T. 0.000 min
 Lab File: BN033121.D
 Acq: 31 Jul 2024 02:01

Tgt Ion:166 Resp: 5313
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.0 117.0
 167 13.9 10.7 16.1





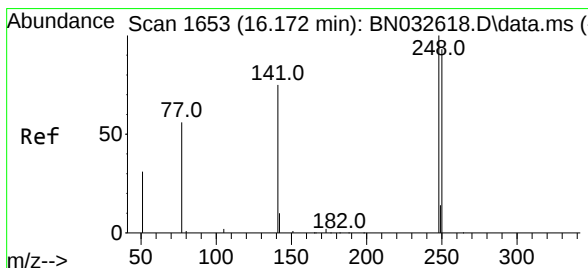
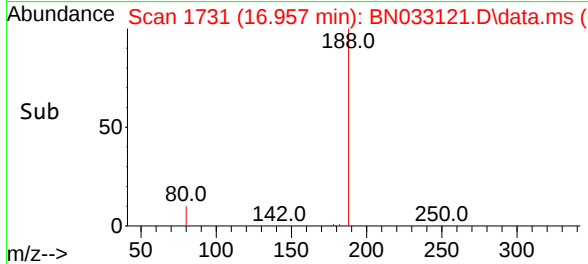
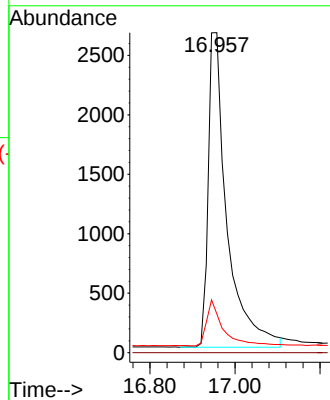
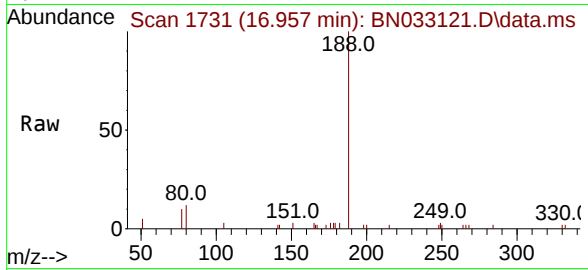
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Instrument :
BNA_N
ClientSampleId :
PB162359BSD

Tgt Ion:188 Resp: 811
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 8.8 13.2

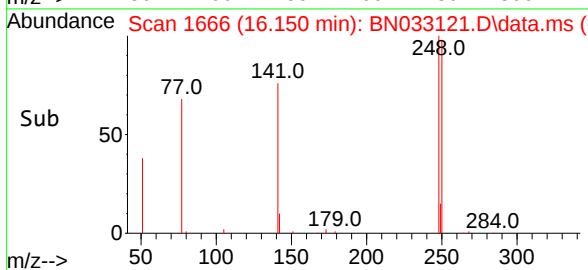
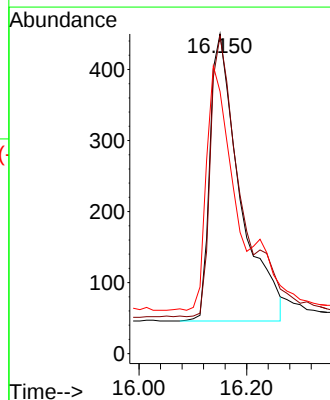
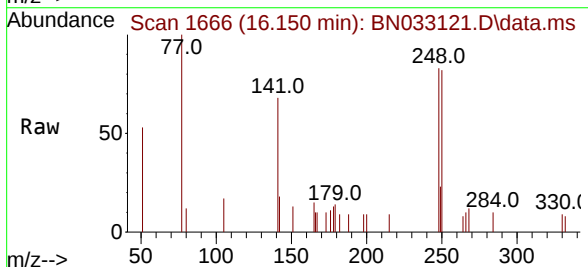
Manual Integrations
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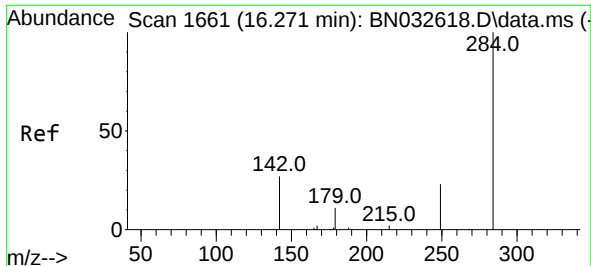
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#21
4-Bromophenyl-phenylether
Concen: 0.327 ng
RT: 16.150 min Scan# 1666
Delta R.T. 0.012 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

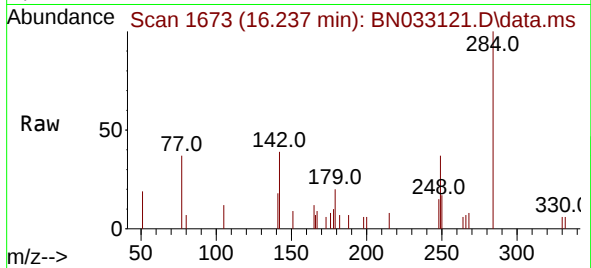
Tgt Ion:248 Resp: 1560
Ion Ratio Lower Upper
248 100
250 99.3 75.1 112.7
141 82.0 62.0 93.0





#22
Hexachlorobenzene
Concen: 0.327 ng
RT: 16.237 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

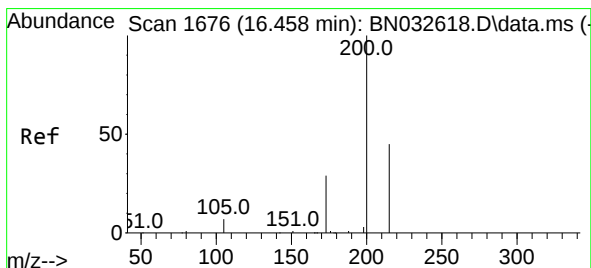
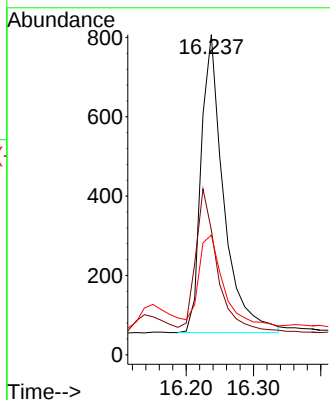
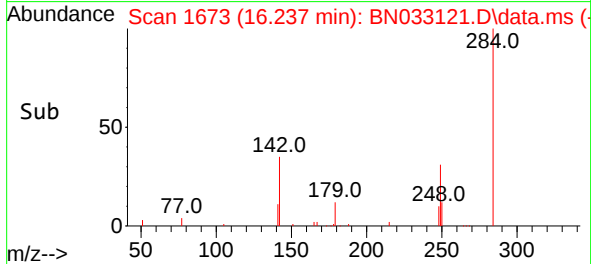
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



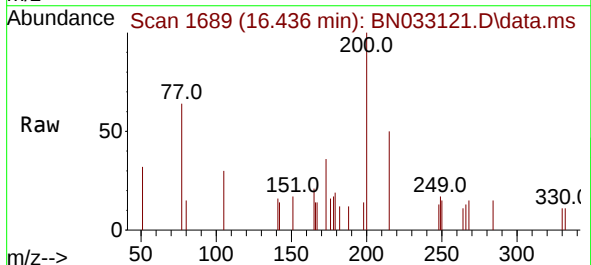
Tgt Ion:284 Resp: 1749
Ion Ratio Lower Upper
284 100
142 43.9 29.4 44.0
249 33.6 24.6 36.8

Manual Integrations
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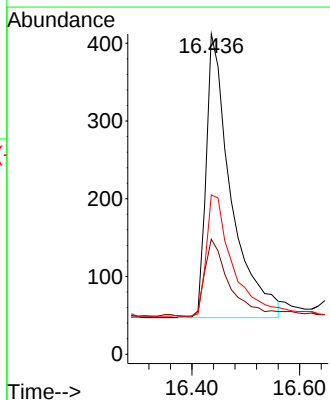
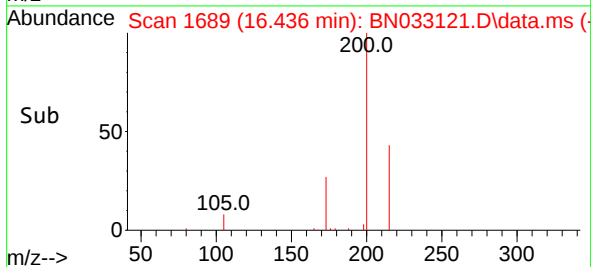
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

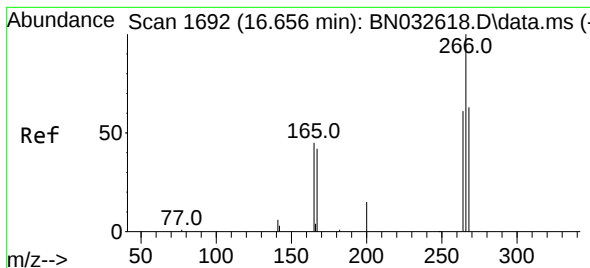


#23
Atrazine
Concen: 0.332 ng
RT: 16.436 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01



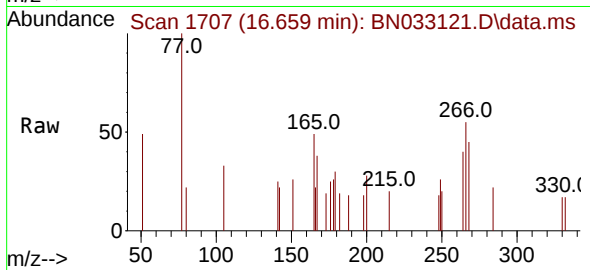
Tgt Ion:200 Resp: 1166
Ion Ratio Lower Upper
200 100
173 35.9 25.4 38.2
215 49.8 38.2 57.2





#24
Pentachlorophenol
Concen: 0.243 ng
RT: 16.659 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

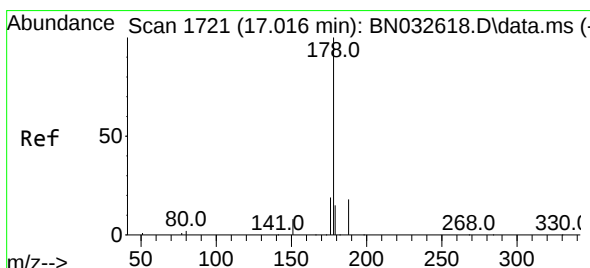
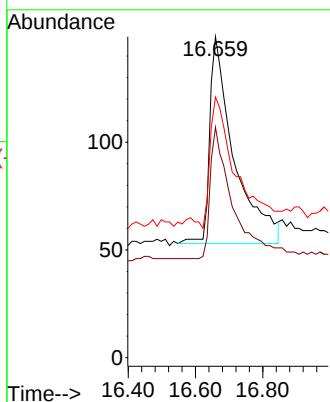
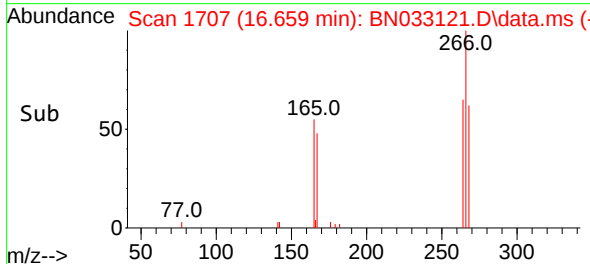
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



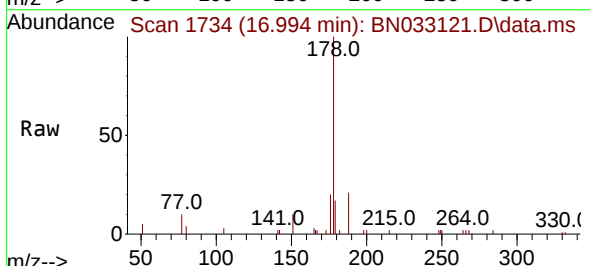
Tgt Ion:266 Resp: 482
Ion Ratio Lower Upper
266 100
264 58.1 50.2 75.2
268 59.8 52.8 79.2

Manual Integrations
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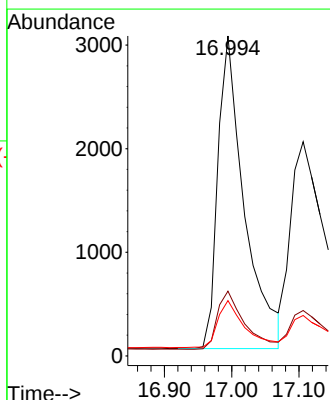
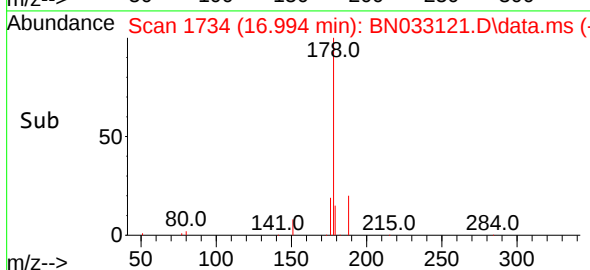
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

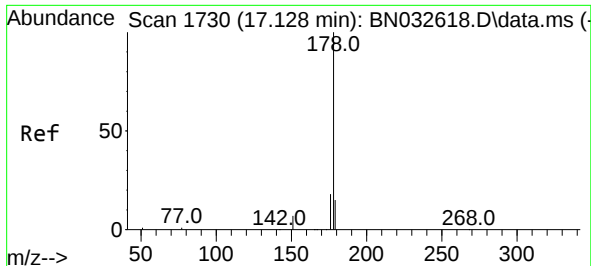


#25
Phenanthrene
Concen: 0.371 ng
RT: 16.994 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01



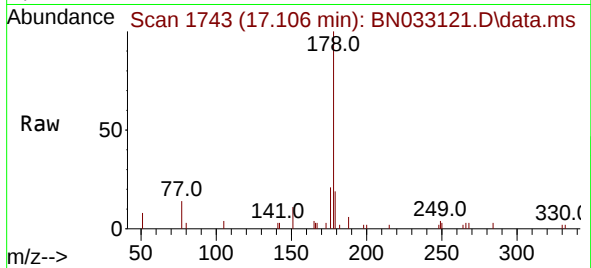
Tgt Ion:178 Resp: 8229
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.2 12.2 18.4





#26
 Anthracene
 Concen: 0.314 ng
 RT: 17.106 min Scan# 1730
 Delta R.T. 0.000 min
 Lab File: BN033121.D
 Acq: 31 Jul 2024 02:01

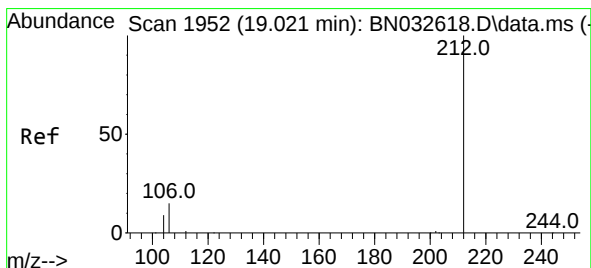
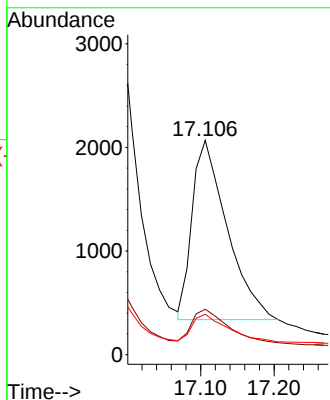
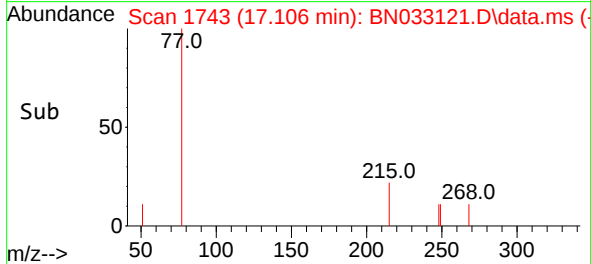
Instrument :
 BNA_N
 ClientSampleId :
 PB162359BSD



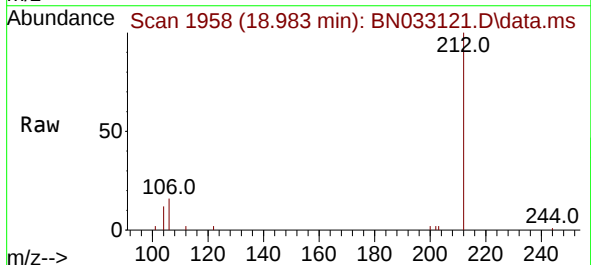
Tgt Ion:178 Resp: 5720
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.5 11.8 17.8

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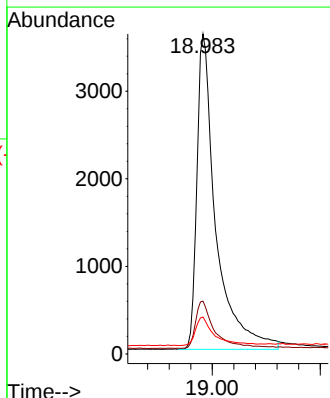
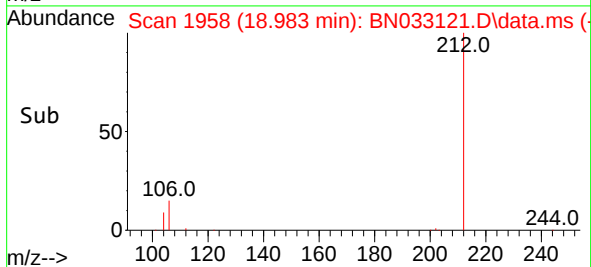
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

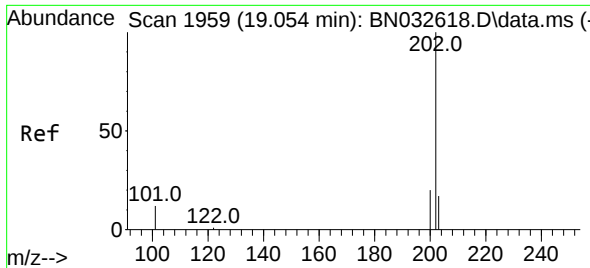


#27
 Fluoranthene-d10
 Concen: 0.418 ng
 RT: 18.983 min Scan# 1958
 Delta R.T. -0.009 min
 Lab File: BN033121.D
 Acq: 31 Jul 2024 02:01



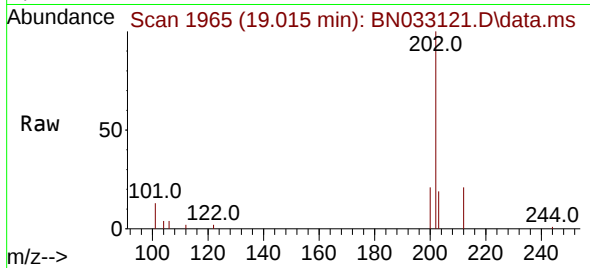
Tgt Ion:212 Resp: 8774
 Ion Ratio Lower Upper
 212 100
 106 15.1 11.9 17.9
 104 8.9 6.9 10.3





#28
Fluoranthene
Concen: 0.428 ng
RT: 19.015 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

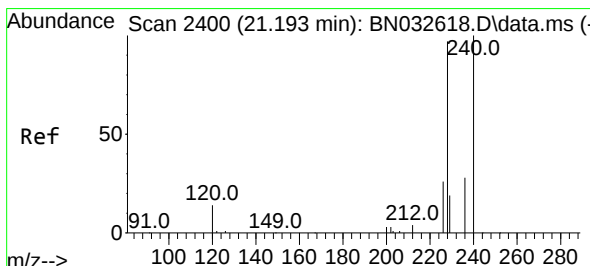
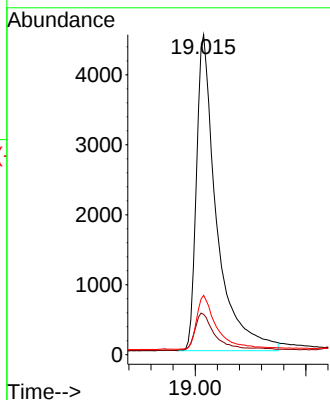
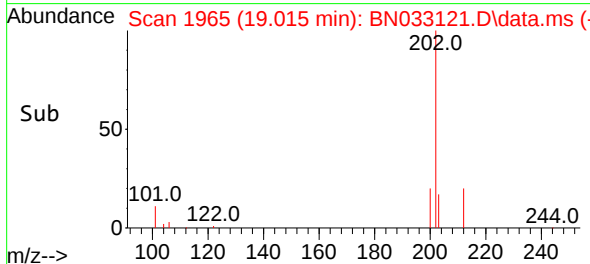
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



Tgt Ion:202 Resp: 11479
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
203 17.2 13.8 20.6

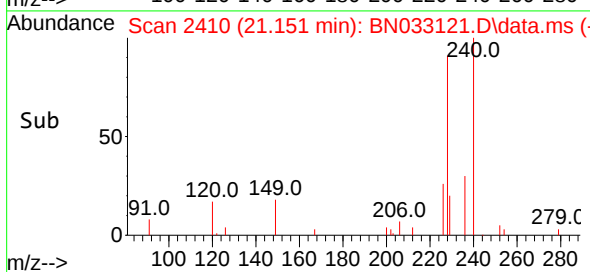
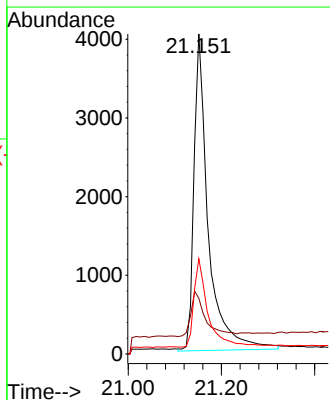
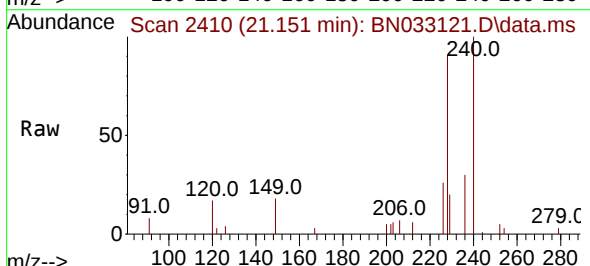
Manual Integrations
APPROVED

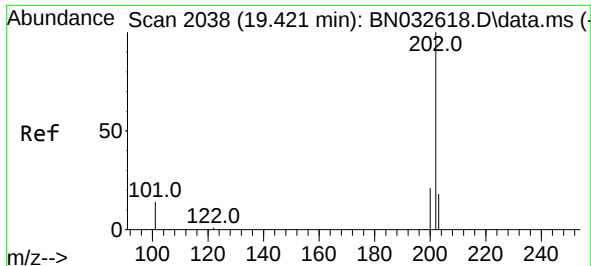
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.151 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Tgt Ion:240 Resp: 8576
Ion Ratio Lower Upper
240 100
120 17.4 14.8 22.2
236 29.8 23.3 34.9





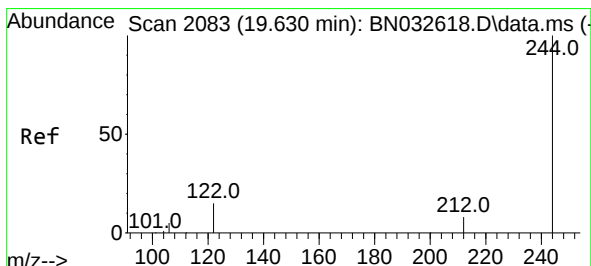
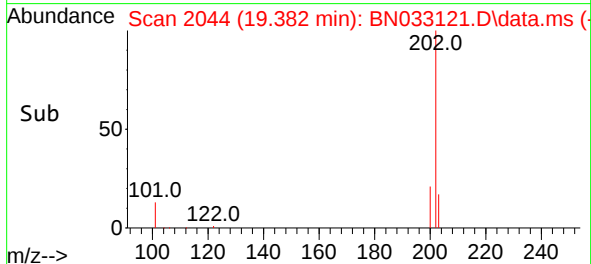
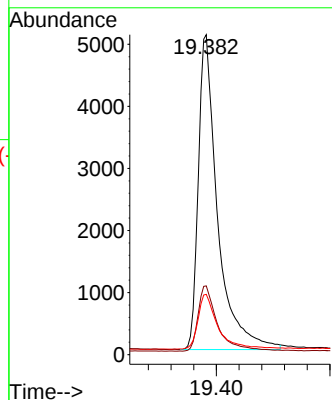
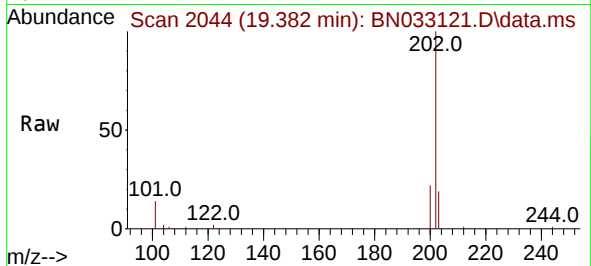
#30
Pyrene
Concen: 0.341 ng
RT: 19.382 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Instrument :
BNA_N
ClientSampleId :
PB162359BSD

Tgt Ion:202 Resp: 11940
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.9 14.8 22.2

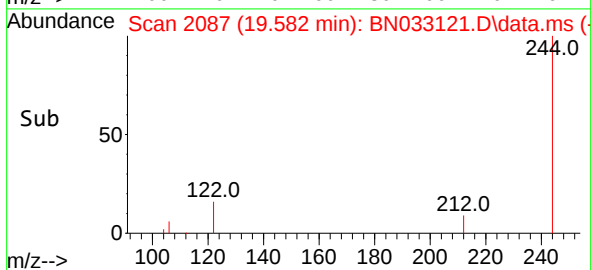
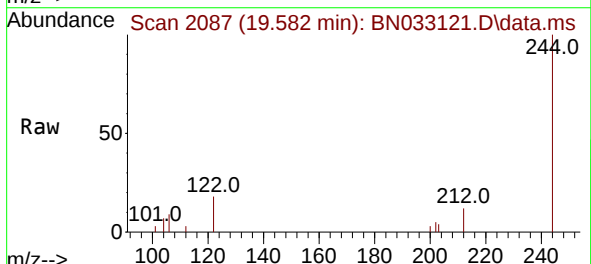
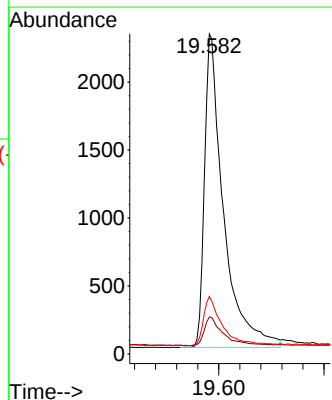
Manual Integrations
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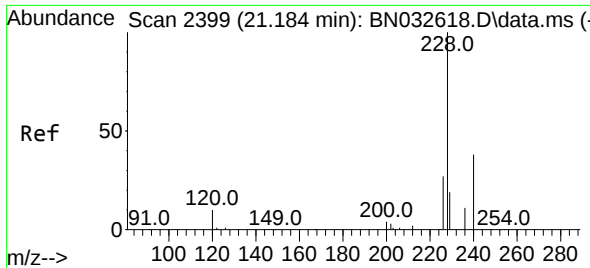
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#31
Terphenyl-d14
Concen: 0.328 ng
RT: 19.582 min Scan# 2087
Delta R.T. -0.014 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

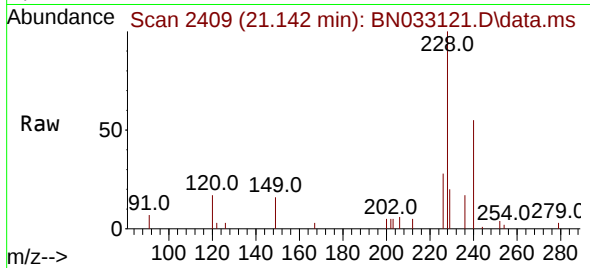
Tgt Ion:244 Resp: 5769
Ion Ratio Lower Upper
244 100
212 11.6 7.5 11.3#
122 18.0 12.6 19.0





#32
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.142 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

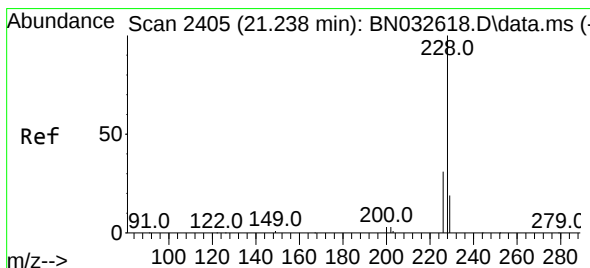
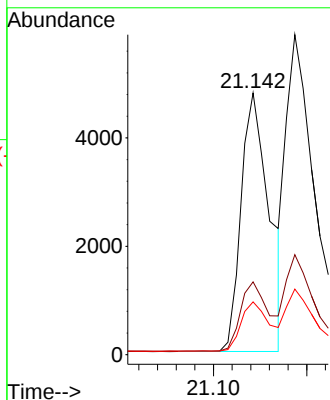
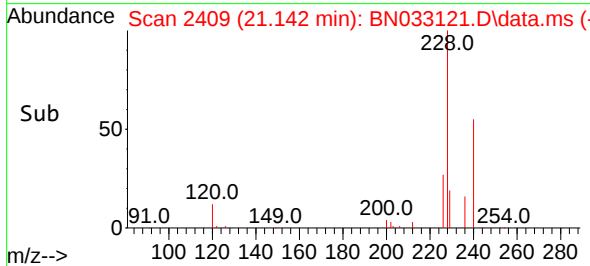
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



Tgt Ion:228 Resp: 996
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.2 16.0 24.0

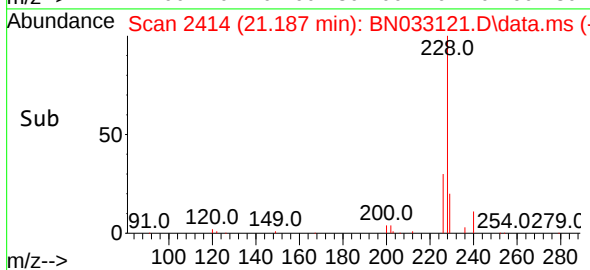
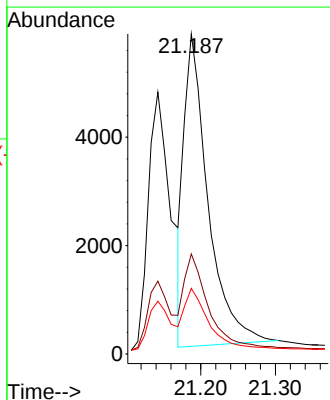
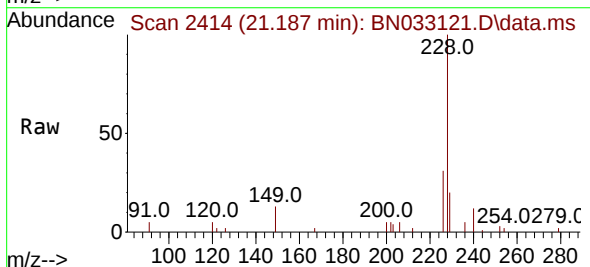
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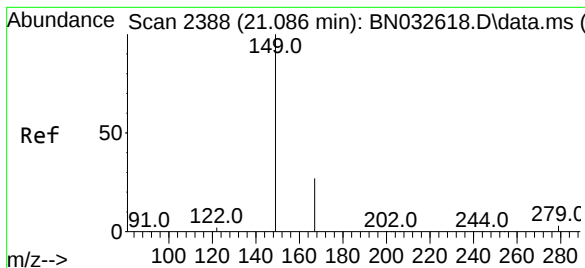
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#33
Chrysene
Concen: 0.399 ng
RT: 21.187 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

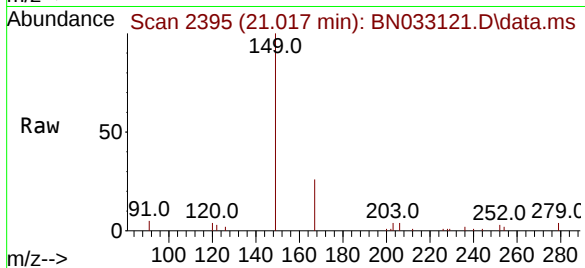
Tgt Ion:228 Resp: 12847
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 20.5 16.0 24.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.560 ng
RT: 21.017 min Scan# 2101
Delta R.T. -0.009 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

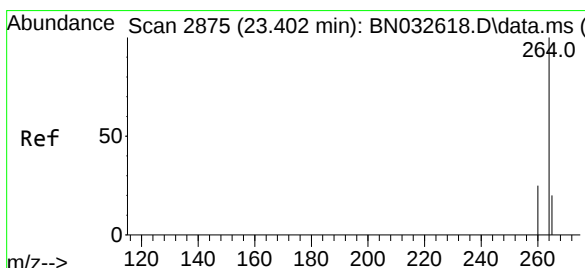
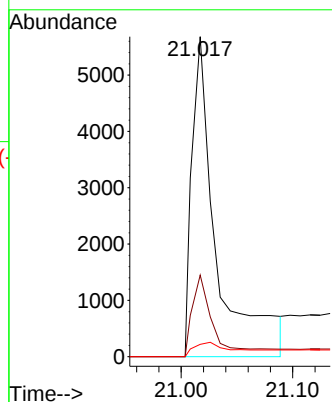
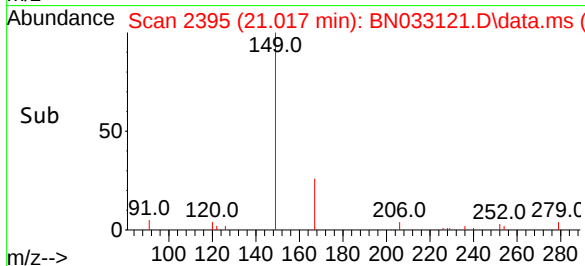
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



Tgt Ion:149 Resp: 841
Ion Ratio Lower Upper
149 100
167 23.2 21.4 32.2
279 7.2 2.8 4.2

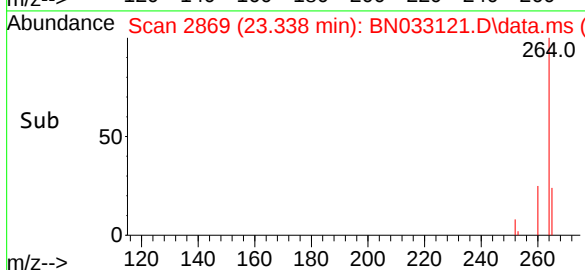
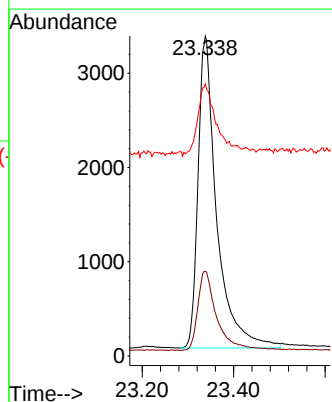
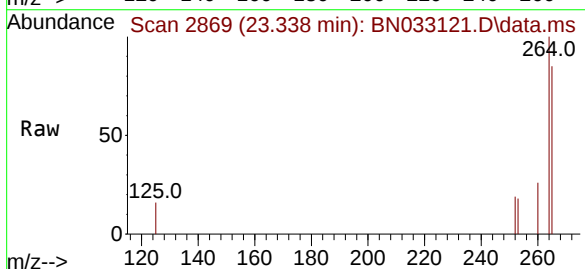
Manual Integrations
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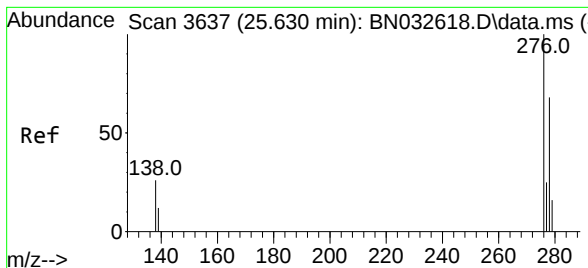
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.338 min Scan# 2869
Delta R.T. -0.015 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

Tgt Ion:264 Resp: 9365
Ion Ratio Lower Upper
264 100
260 26.4 20.9 31.3
265 85.0 85.4 128.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.397 ng

RT: 25.551 min Scan# 30

Delta R.T. -0.023 min

Lab File: BN033121.D

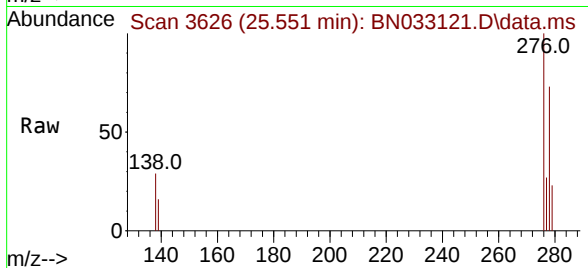
Acq: 31 Jul 2024 02:01

Instrument :

BNA_N

ClientSampleId :

PB162359BSD



Tgt Ion:276 Resp: 1464

Ion Ratio Lower Upper

276 100

138 27.5 21.0 31.4

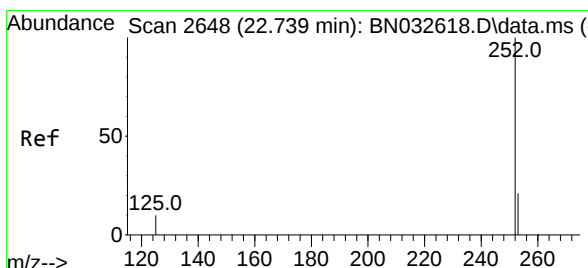
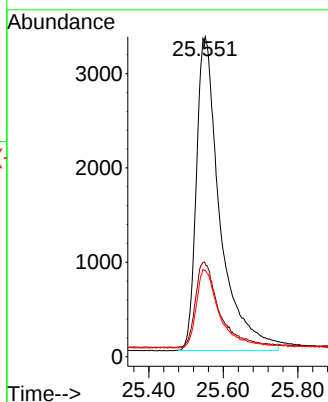
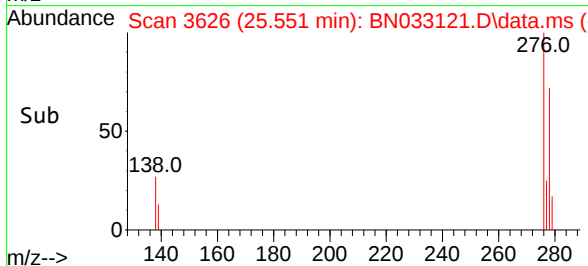
277 24.5 19.5 29.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 07/31/2024



#37

Benzo(b)fluoranthene

Concen: 0.344 ng

RT: 22.683 min Scan# 2645

Delta R.T. -0.015 min

Lab File: BN033121.D

Acq: 31 Jul 2024 02:01

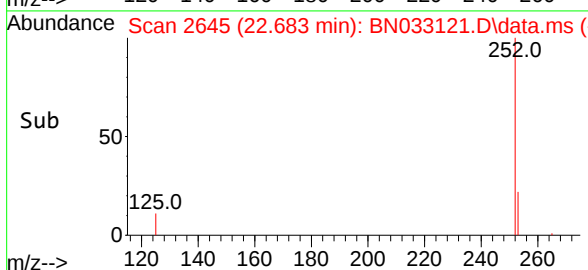
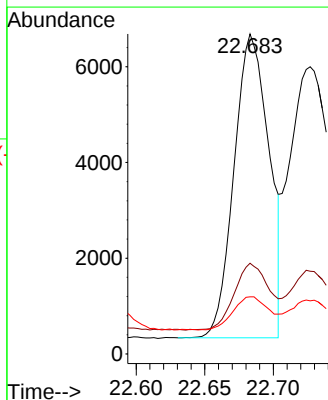
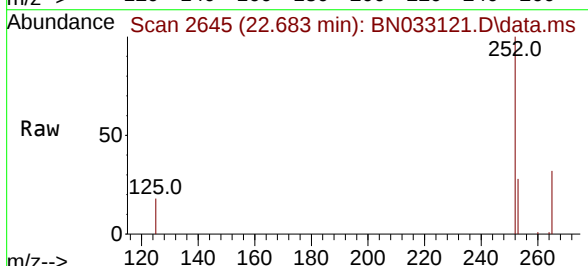
Tgt Ion:252 Resp: 11213

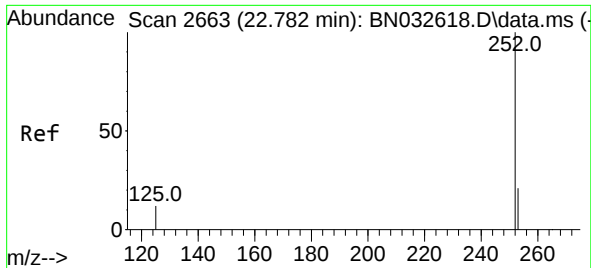
Ion Ratio Lower Upper

252 100

253 28.3 22.3 33.5

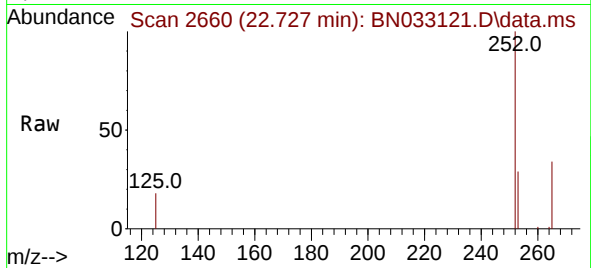
125 17.8 15.4 23.2





#38
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 22.727 min Scan# 20
Delta R.T. -0.015 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

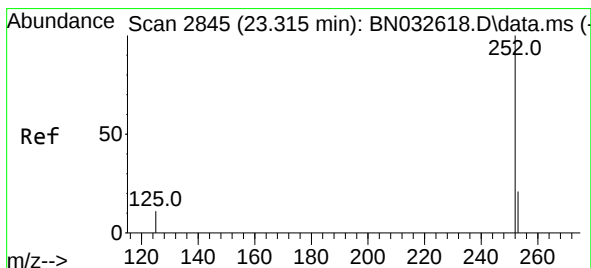
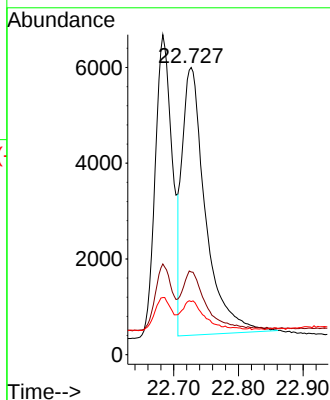
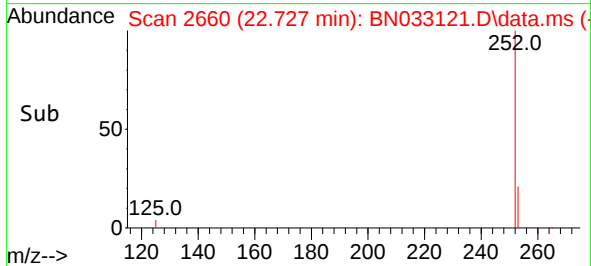
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



Tgt Ion:252 Resp: 1403
Ion Ratio Lower Upper
252 100
253 28.8 22.6 34.0
125 18.5 16.2 24.4

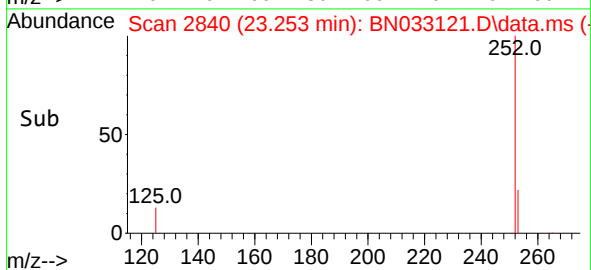
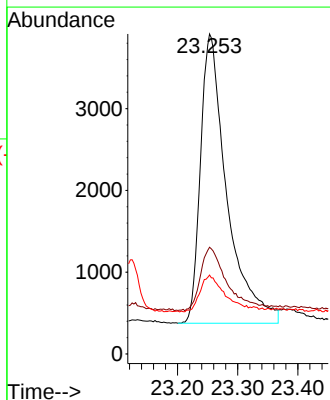
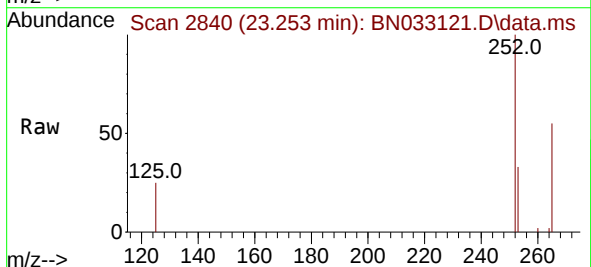
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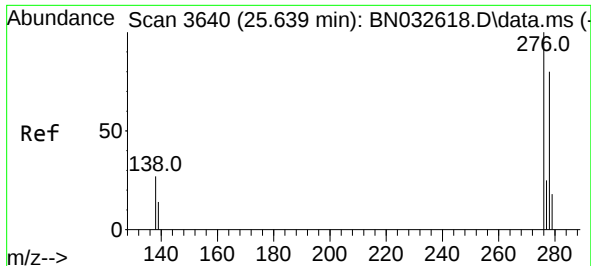
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#39
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.253 min Scan# 2840
Delta R.T. -0.023 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

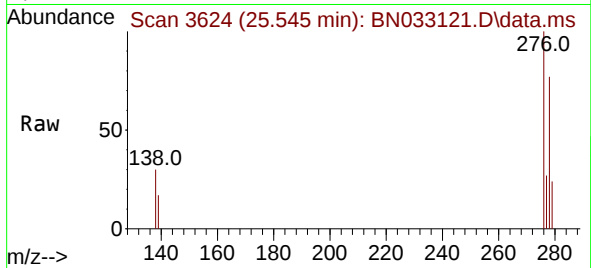
Tgt Ion:252 Resp: 10762
Ion Ratio Lower Upper
252 100
253 33.4 25.8 38.8
125 24.7 21.4 32.2





#40
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 25.545 min Scan# 30
Delta R.T. -0.029 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01

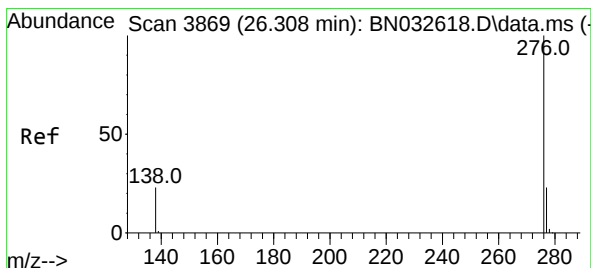
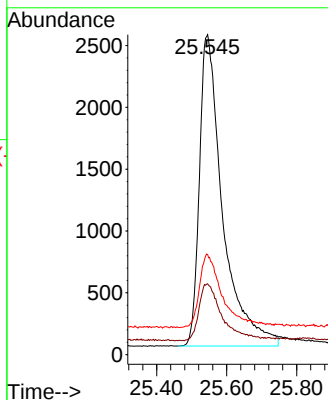
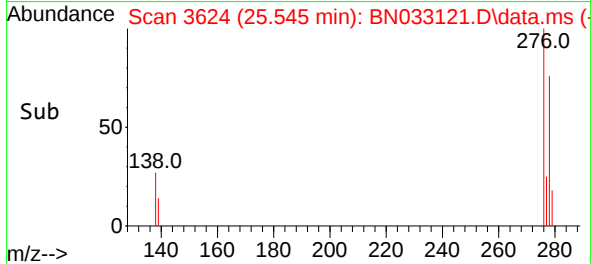
Instrument :
BNA_N
ClientSampleId :
PB162359BSD



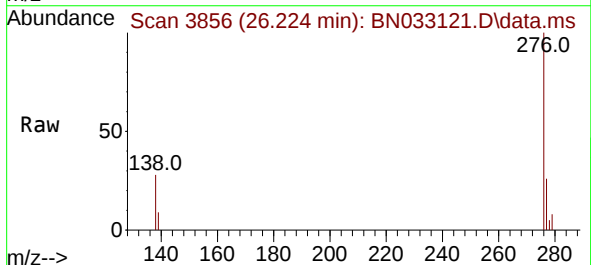
Tgt Ion:278 Resp: 11619
Ion Ratio Lower Upper
278 100
139 22.1 16.7 25.1
279 31.3 24.3 36.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#41
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 26.224 min Scan# 3856
Delta R.T. -0.026 min
Lab File: BN033121.D
Acq: 31 Jul 2024 02:01



Tgt Ion:276 Resp: 13480
Ion Ratio Lower Upper
276 100
277 25.7 20.2 30.2
138 27.9 20.5 30.7

