

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034514.D
 Acq On : 09 Oct 2024 21:02
 Operator : RC/JU
 Sample : P4226-25MSD
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20240927MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 01:47:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3625	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	9728	0.400	ng	-0.02
13) Acenaphthene-d10	14.019	164	5149	0.400	ng	-0.03
19) Phenanthrene-d10	16.783	188	8907	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	5804	0.400	ng	0.00
35) Perylene-d12	23.119	264	7437	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1307	0.127	ng	-0.01
5) Phenol-d6	6.585	99	674	0.056	ng	-0.01
8) Nitrobenzene-d5	8.514	82	2500	0.336	ng	-0.02
11) 2-Methylnaphthalene-d10	11.731	152	6174	0.430	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	633	0.271	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	6825	0.326	ng	-0.02
27) Fluoranthene-d10	18.829	212	9314	0.414	ng	-0.02
31) Terphenyl-d14	19.452	244	6490	0.560	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	18857	4.161	ng	99
3) n-Nitrosodimethylamine	3.328	42	628	0.122	ng	87
6) bis(2-Chloroethyl)ether	6.824	93	3323	0.314	ng	94
9) Naphthalene	10.180	128	9645	0.361	ng	99
10) Hexachlorobutadiene	10.468	225	2097	0.417	ng	# 98
12) 2-Methylnaphthalene	11.806	142	6044	0.348	ng	99
16) Acenaphthylene	13.741	152	7795	0.354	ng	100
17) Acenaphthene	14.083	154	5611	0.355	ng	98
18) Fluorene	15.088	166	6508	0.314	ng	99
20) 4,6-Dinitro-2-methylph...	16.287	198	58	0.173	ng	# 1
21) 4-Bromophenyl-phenylether	15.989	248	2117	0.423	ng	# 86
22) Hexachlorobenzene	16.088	284	2692	0.480	ng	# 89
23) Atrazine	16.287	200	1565	0.377	ng	96
24) Pentachlorophenol	16.461	266	666	0.359	ng	98
25) Phenanthrene	16.821	178	9799	0.383	ng	99
26) Anthracene	16.920	178	8123	0.389	ng	100
28) Fluoranthene	18.862	202	11231	0.379	ng	97
30) Pyrene	19.224	202	12099	0.494	ng	100
32) Benzo(a)anthracene	21.008	228	2140m	0.117	ng	
33) Chrysene	21.044	228	10427m	0.476	ng	
36) Indeno(1,2,3-cd)pyrene	25.183	276	12309	0.386	ng	# 92
37) Benzo(b)fluoranthene	22.496	252	10160	0.349	ng	93
38) Benzo(k)fluoranthene	22.540	252	11364	0.372	ng	95
39) Benzo(a)pyrene	23.028	252	9477	0.399	ng	# 90
40) Dibenzo(a,h)anthracene	25.200	278	9256	0.374	ng	95
41) Benzo(g,h,i)perylene	25.802	276	10450	0.376	ng	97

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

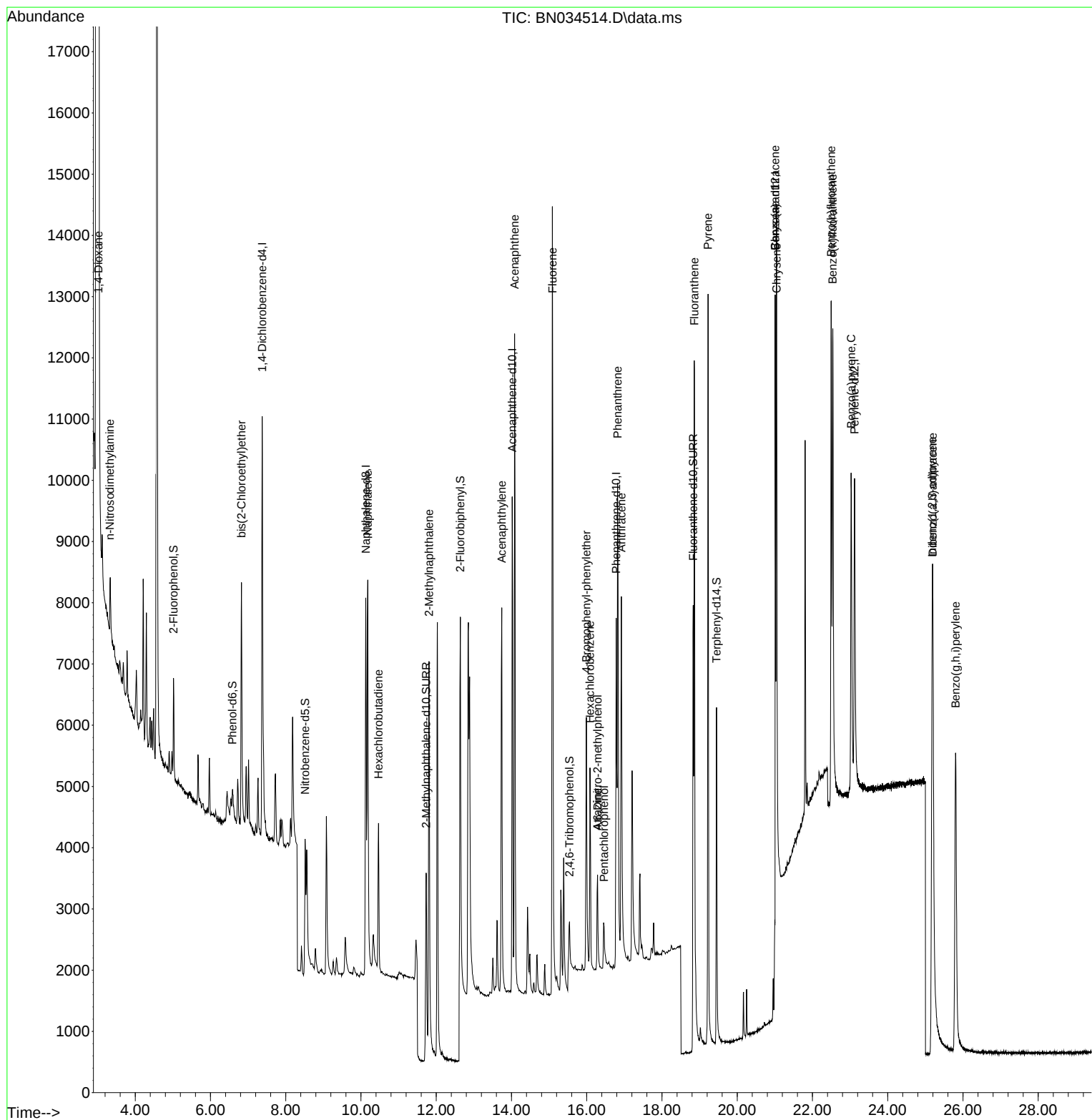
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034514.D
Acq On : 09 Oct 2024 21:02
Operator : RC/JU
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QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

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APPROVED

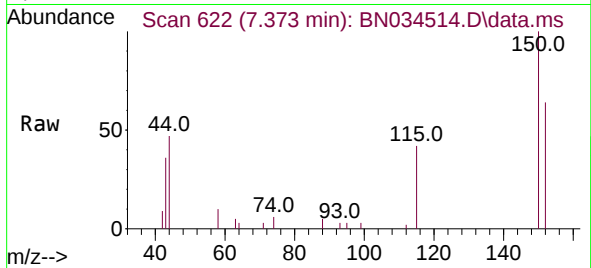
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

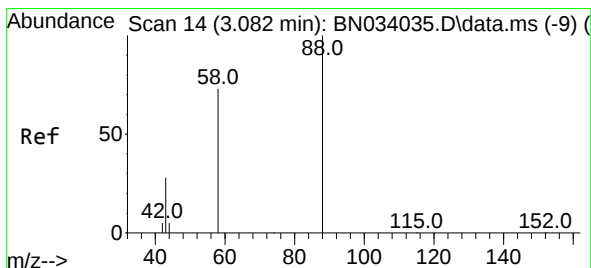
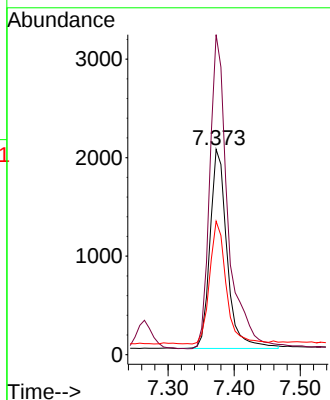
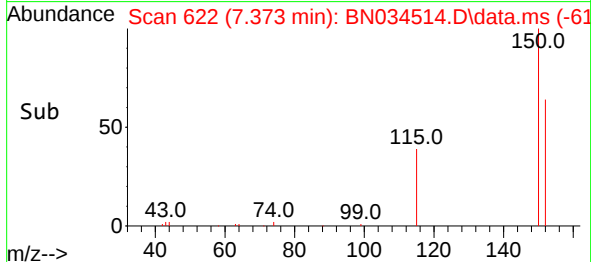
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



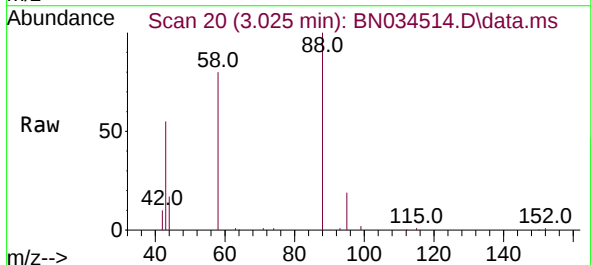
Tgt Ion:152 Resp: 362
Ion Ratio Lower Upper
152 100
150 155.9 124.6 187.0
115 65.1 50.0 75.0

Manual Integrations
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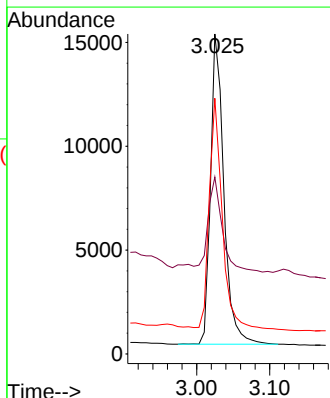
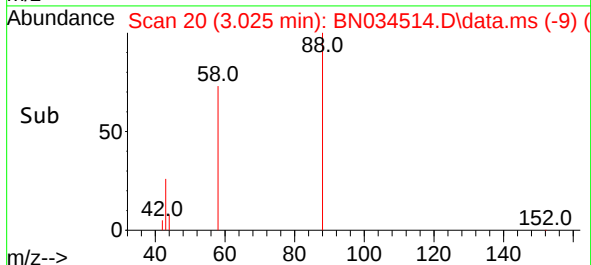
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#2
1,4-Dioxane
Concen: 4.161 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02



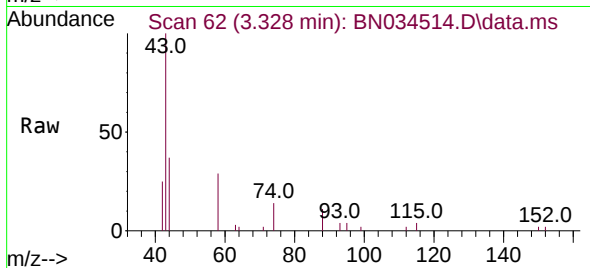
Tgt Ion: 88 Resp: 18857
Ion Ratio Lower Upper
88 100
43 33.2 25.8 38.8
58 73.0 58.8 88.2





#3
n-Nitrosodimethylamine
Concen: 0.122 ng
RT: 3.328 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

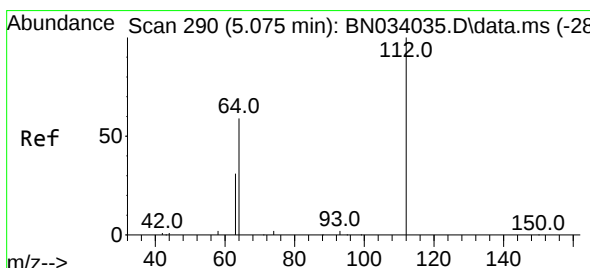
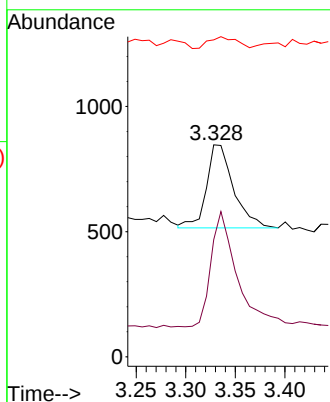
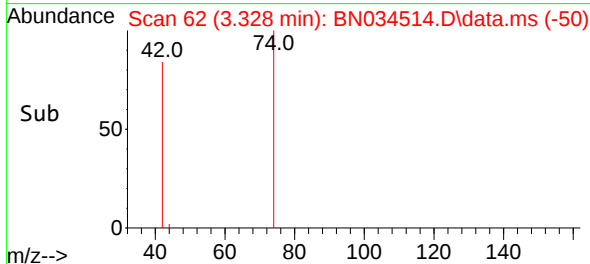
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion: 42 Resp: 628
Ion Ratio Lower Upper
42 100
74 134.2 94.6 142.0
44 14.2 12.4 18.6

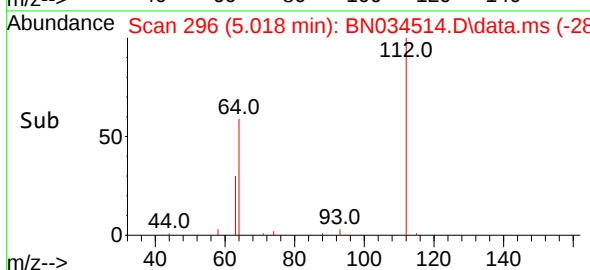
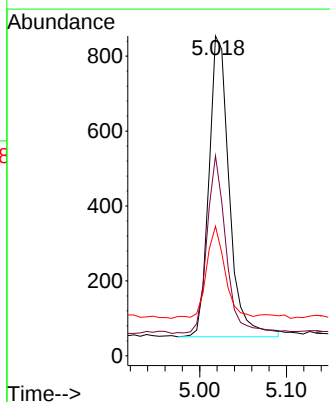
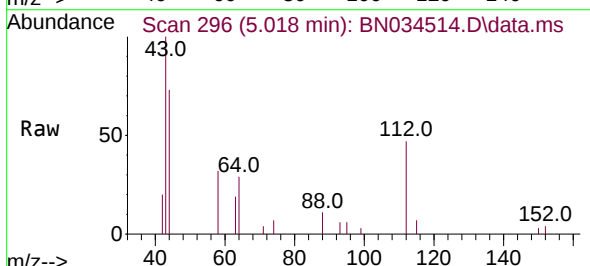
Manual Integrations
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#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.018 min Scan# 296
Delta R.T. -0.014 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

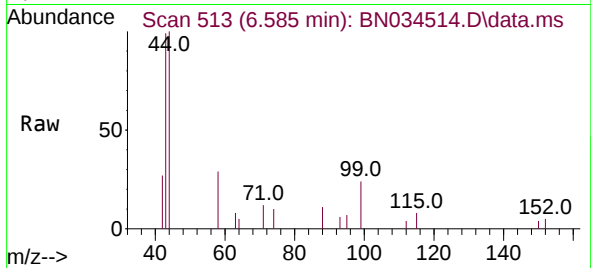
Tgt Ion:112 Resp: 1307
Ion Ratio Lower Upper
112 100
64 54.5 48.6 72.8
63 28.0 25.6 38.4





#5
Phenol-d6
Concen: 0.056 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

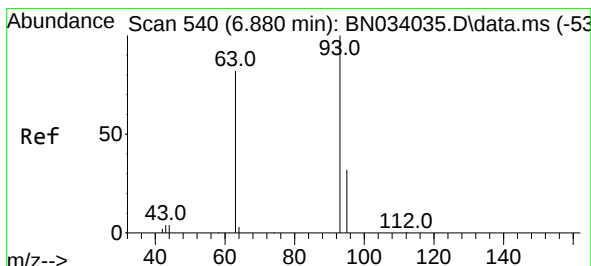
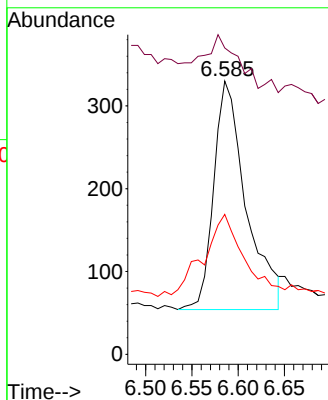
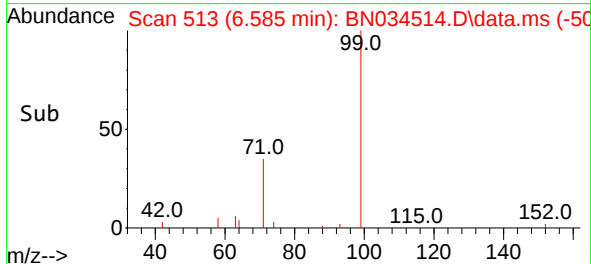
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



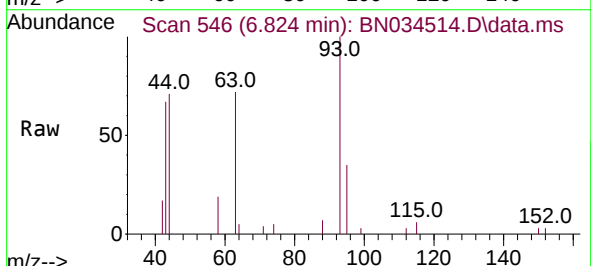
Tgt Ion: 99 Resp: 674
Ion Ratio Lower Upper
99 100
42 19.9 17.8 26.8
71 45.1 26.2 39.2

Manual Integrations
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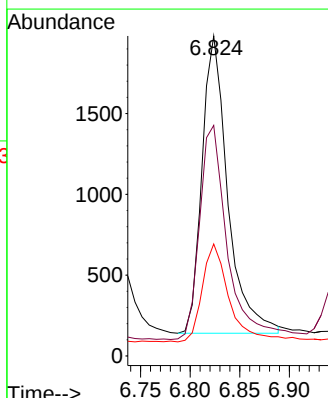
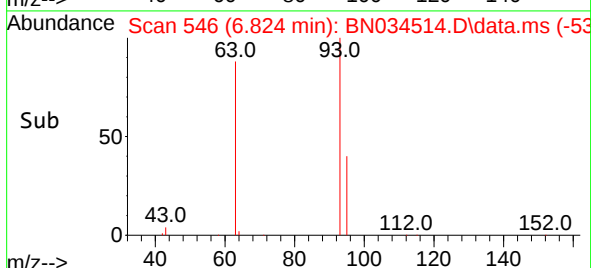
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

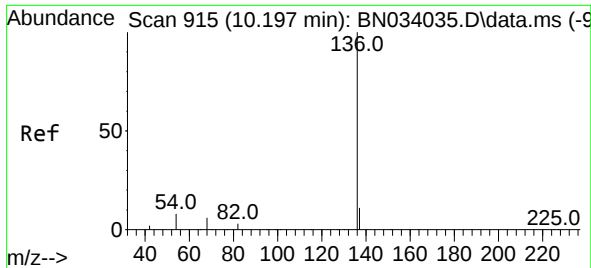


#6
bis(2-Chloroethyl)ether
Concen: 0.314 ng
RT: 6.824 min Scan# 546
Delta R.T. -0.014 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02



Tgt Ion: 93 Resp: 3323
Ion Ratio Lower Upper
93 100
63 77.1 67.3 100.9
95 33.6 26.8 40.2





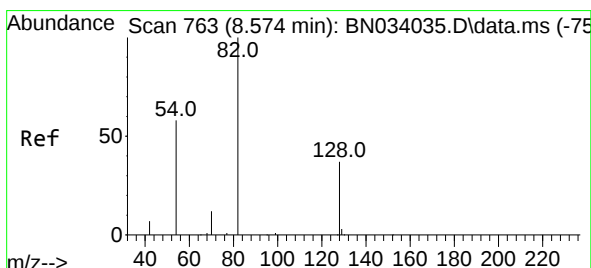
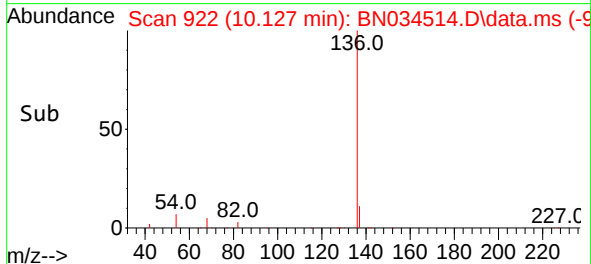
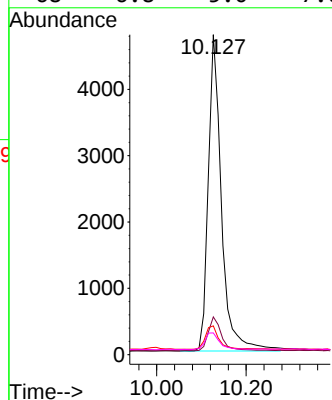
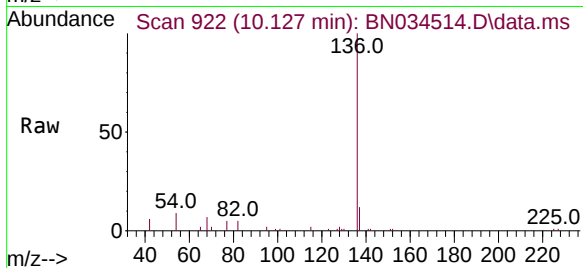
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD

Tgt Ion:	136	Resp:	9728
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.0	13.6
54	9.0	6.8	10.2
68	6.8	5.0	7.6

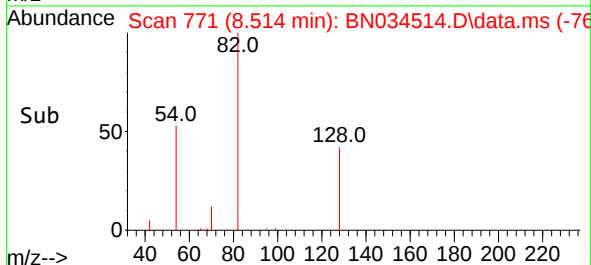
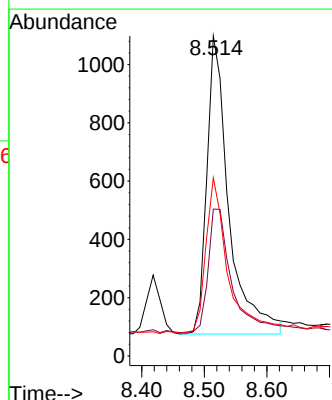
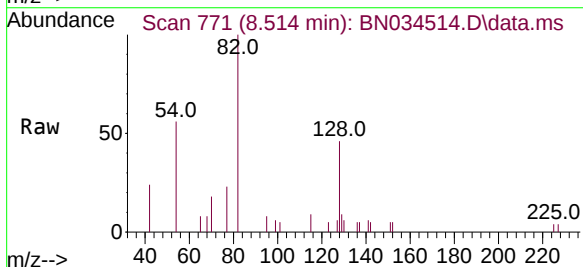
Manual Integrations
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Supervised By :mohammad ahmed 10/11/2024



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.514 min Scan# 771
Delta R.T. -0.021 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

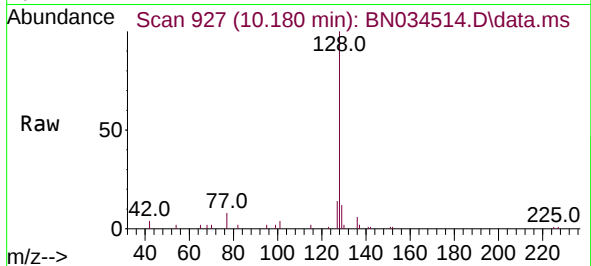
Tgt Ion:	82	Resp:	2500
Ion Ratio	Lower	Upper	
82	100		
128	45.9	31.4	47.2
54	55.6	47.4	71.0





#9
Naphthalene
Concen: 0.361 ng
RT: 10.180 min Scan# 919
Delta R.T. -0.021 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

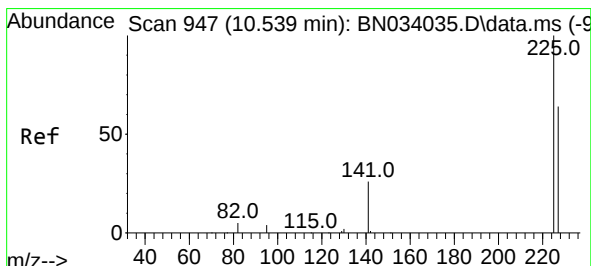
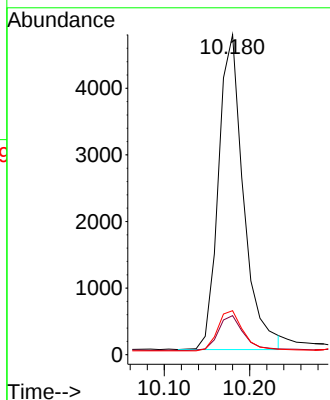
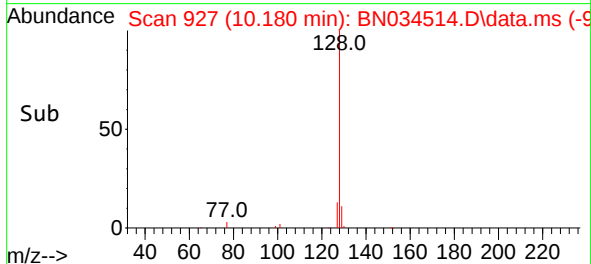
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion:128 Resp: 964
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.8 10.7 16.1

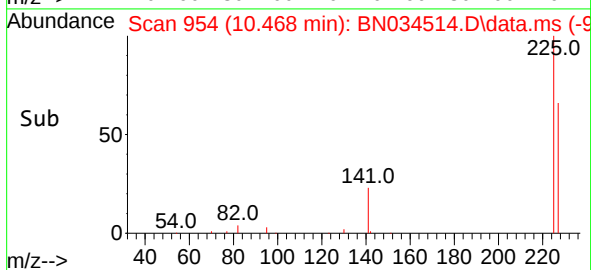
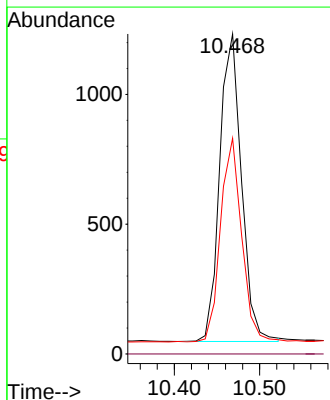
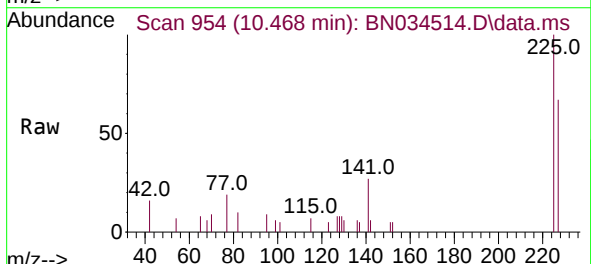
Manual Integrations
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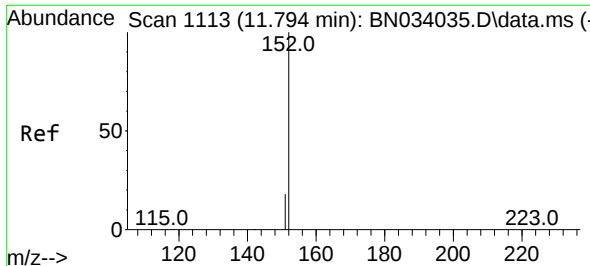
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 10.468 min Scan# 954
Delta R.T. -0.021 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

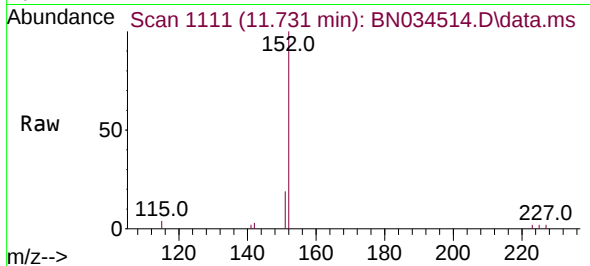
Tgt Ion:225 Resp: 2097
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.4 50.5 75.7





#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 11.731 min Scan# 1111
Delta R.T. -0.023 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

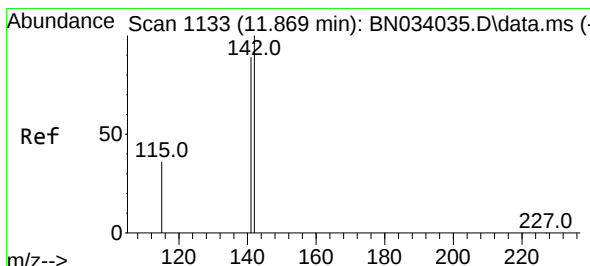
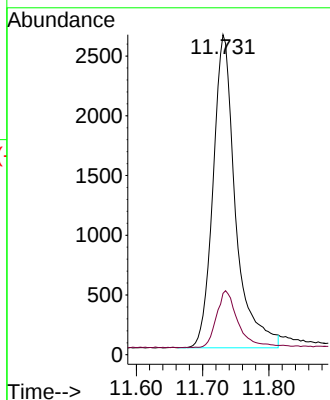
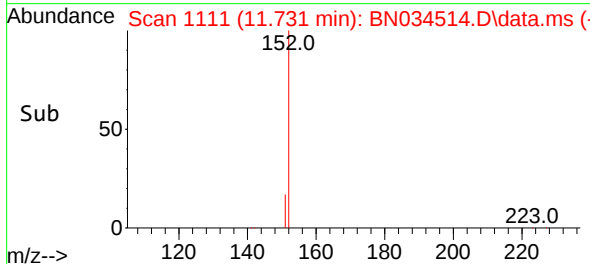
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RW4-20240927MSD



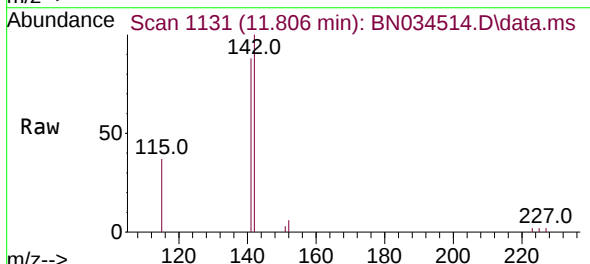
Tgt Ion:152 Resp: 6174
Ion Ratio Lower Upper
152 100
151 17.3 16.8 25.2

Manual Integrations
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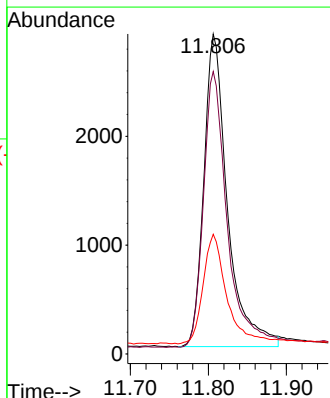
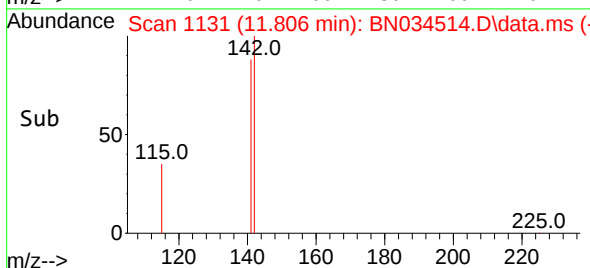
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

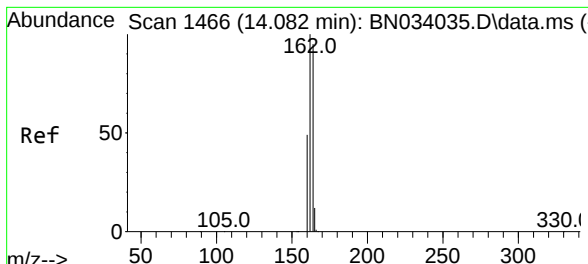


#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 11.806 min Scan# 1131
Delta R.T. -0.023 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02



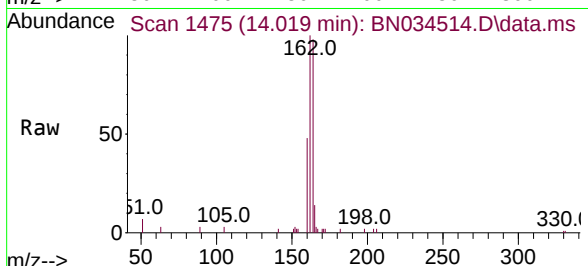
Tgt Ion:142 Resp: 6044
Ion Ratio Lower Upper
142 100
141 88.2 71.6 107.4
115 37.4 30.0 45.0





#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.019 min Scan# 14
 Delta R.T. -0.028 min
 Lab File: BN034514.D
 Acq: 09 Oct 2024 21:02

Instrument : BNA_N
 ClientSampleId : RW4-20240927MSD

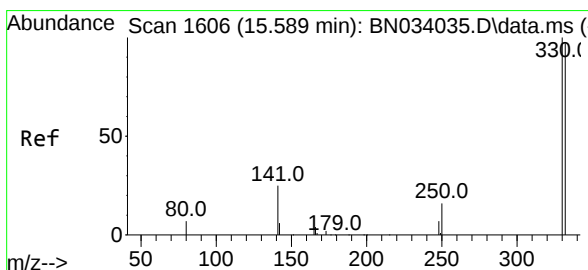
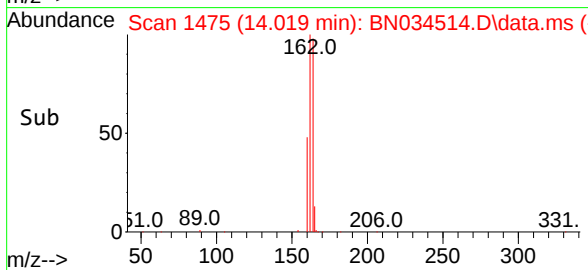
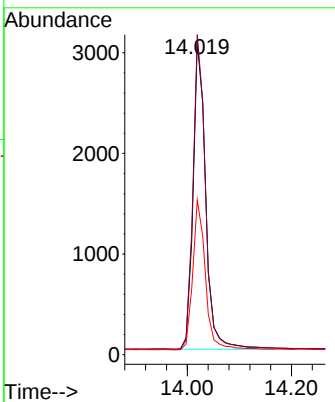


Tgt Ion:164 Resp: 5149

Ion	Ratio	Lower	Upper
164	100		
162	102.5	84.2	126.2
160	49.6	41.7	62.5

Manual Integrations
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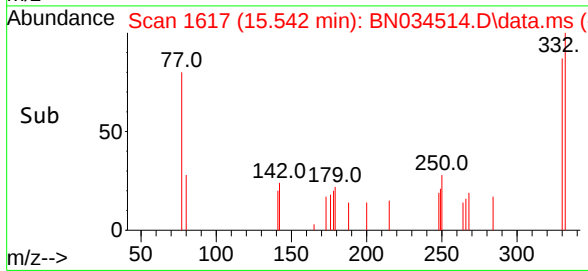
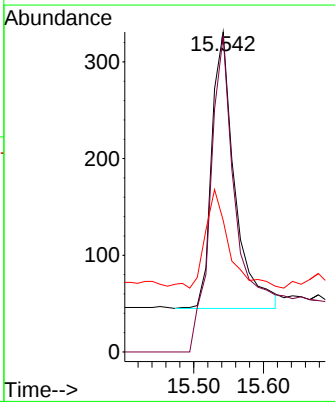
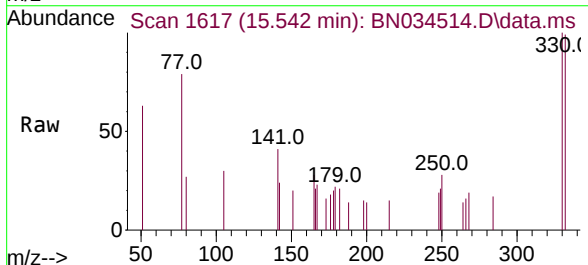
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

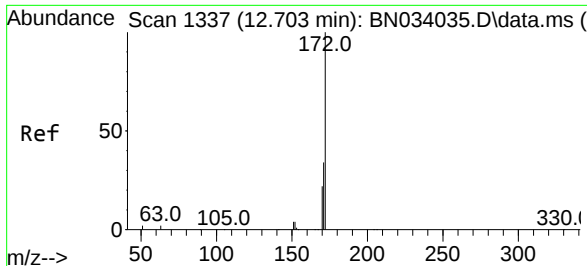


#14
 2,4,6-Tribromophenol
 Concen: 0.271 ng
 RT: 15.542 min Scan# 1617
 Delta R.T. -0.007 min
 Lab File: BN034514.D
 Acq: 09 Oct 2024 21:02

Tgt Ion:330 Resp: 633

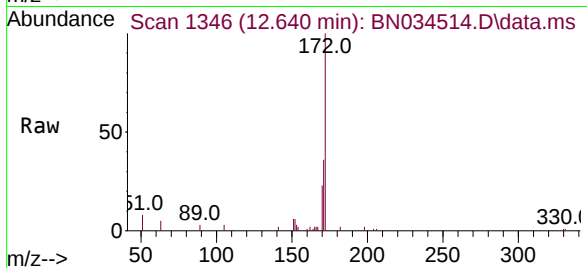
Ion	Ratio	Lower	Upper
330	100		
332	144.5	77.4	116.0#
141	33.8	35.9	53.9#





#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.640 min Scan# 11
Delta R.T. -0.018 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

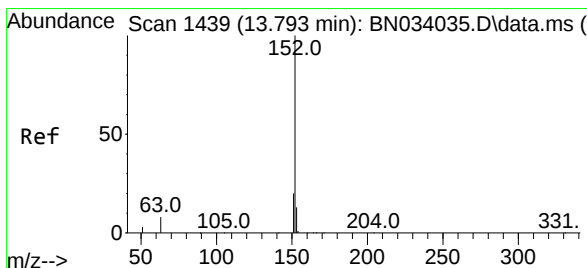
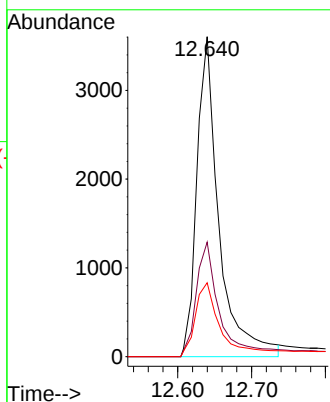
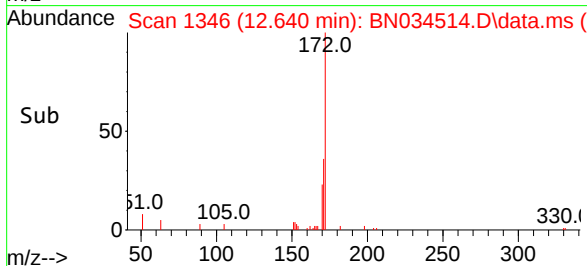
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion:172 Resp: 682
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 23.1 18.1 27.1

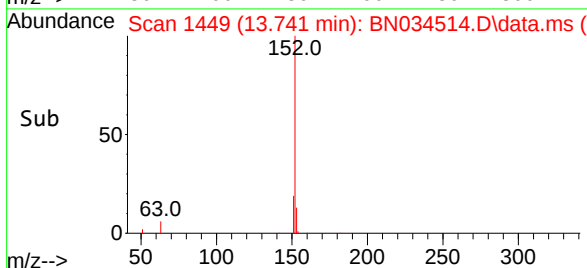
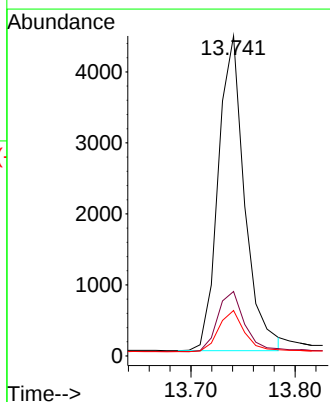
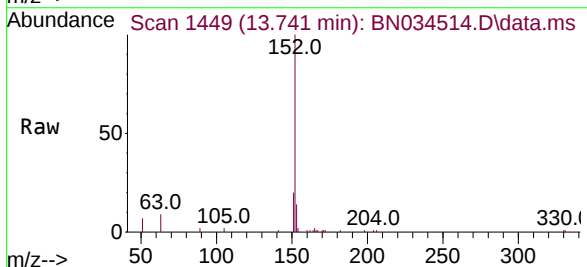
Manual Integrations
APPROVED

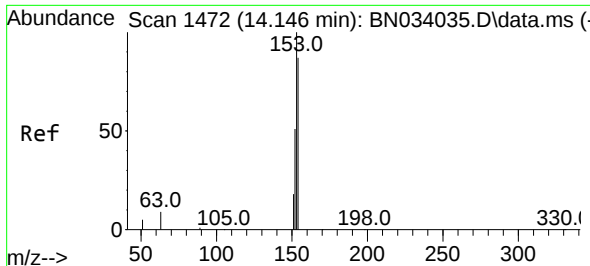
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#16
Acenaphthylene
Concen: 0.354 ng
RT: 13.741 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

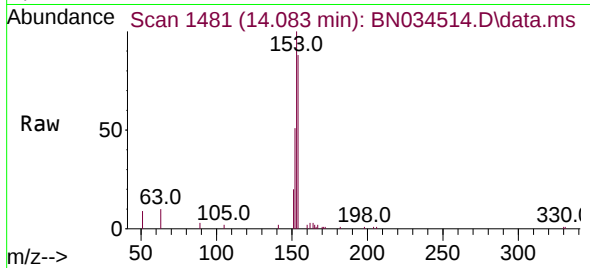
Tgt Ion:152 Resp: 7795
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.1 10.3 15.5





#17
 Acenaphthene
 Concen: 0.355 ng
 RT: 14.083 min Scan# 1472
 Delta R.T. -0.028 min
 Lab File: BN034514.D
 Acq: 09 Oct 2024 21:02

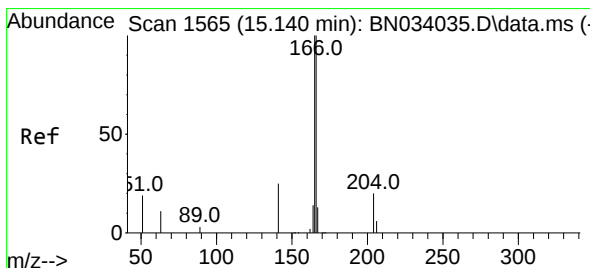
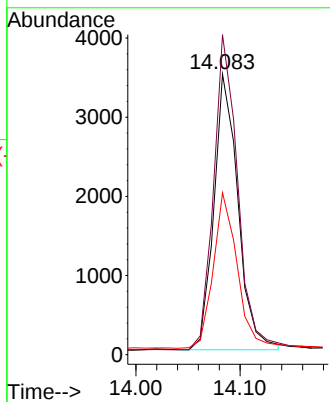
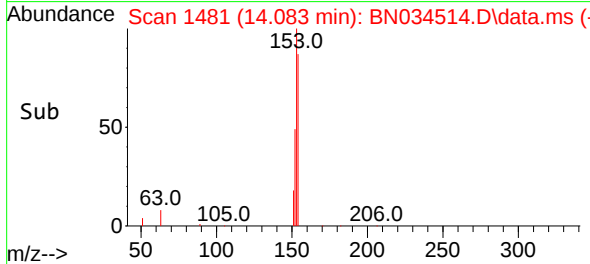
Instrument :
 BNA_N
 ClientSampleId :
 RW4-20240927MSD



Tgt Ion:154 Resp: 561.0
 Ion Ratio Lower Upper
 154 100
 153 113.7 91.6 137.4
 152 55.9 47.4 71.2

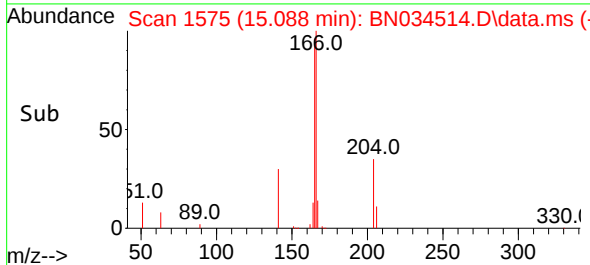
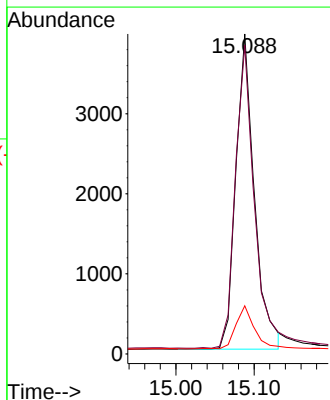
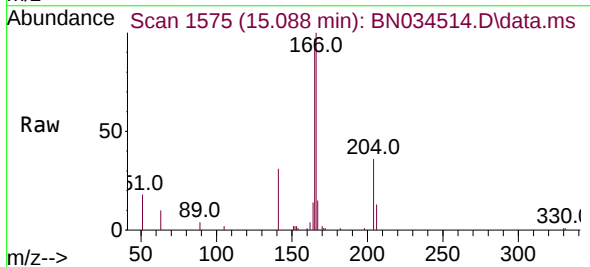
Manual Integrations
 APPROVED

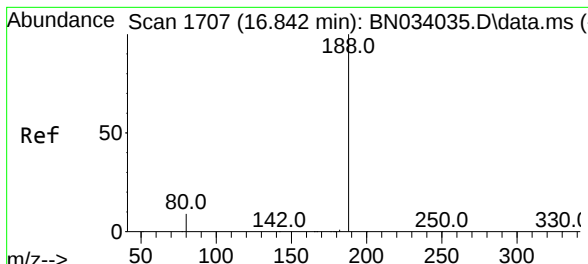
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



#18
 Fluorene
 Concen: 0.314 ng
 RT: 15.088 min Scan# 1575
 Delta R.T. -0.018 min
 Lab File: BN034514.D
 Acq: 09 Oct 2024 21:02

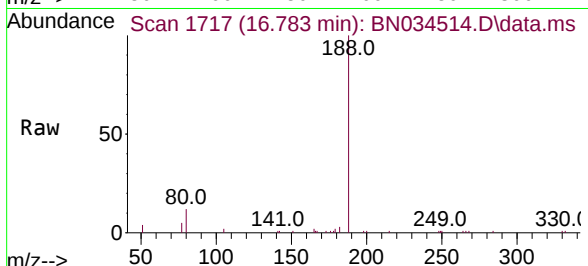
Tgt Ion:166 Resp: 6508
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.1 118.7
 167 13.8 10.6 15.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

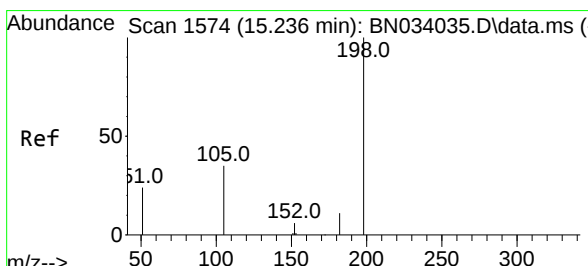
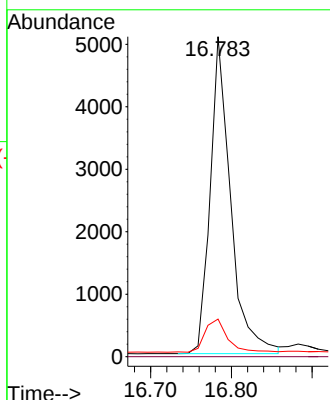
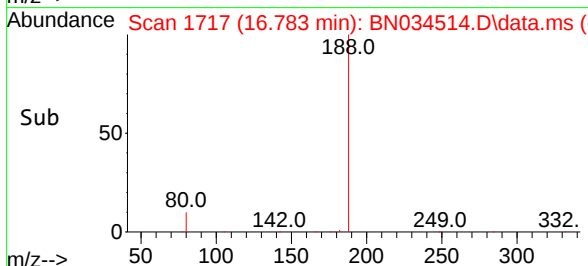
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion:188 Resp: 890
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 7.4 11.0

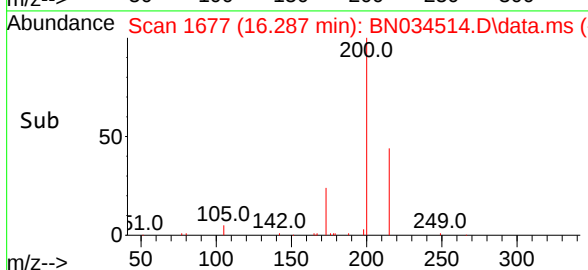
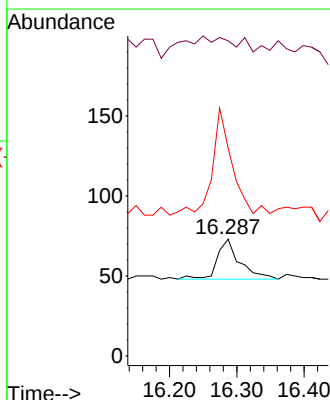
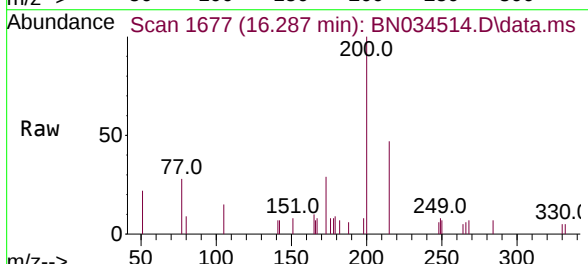
Manual Integrations
APPROVED

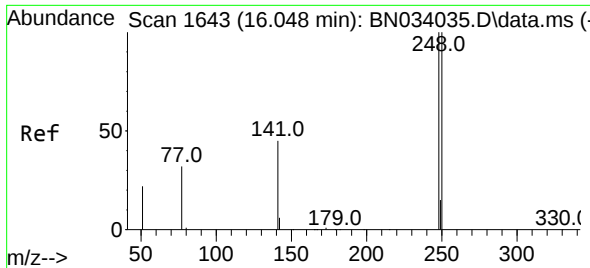
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 16.287 min Scan# 1677
Delta R.T. -0.019 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

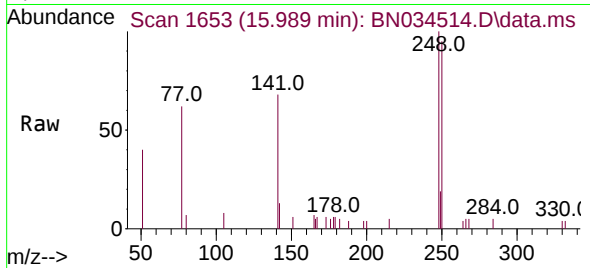
Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 269.9 106.4 159.6#
105 178.1 38.5 57.7#





#21
4-Bromophenyl-phenylether
Concen: 0.423 ng
RT: 15.989 min Scan# 1653
Delta R.T. -0.019 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

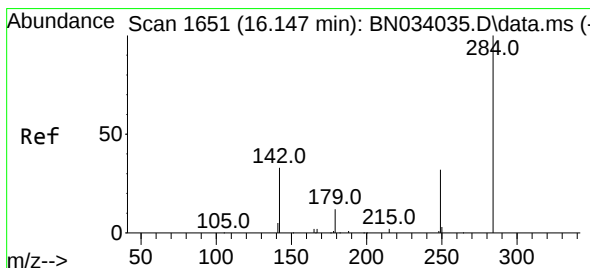
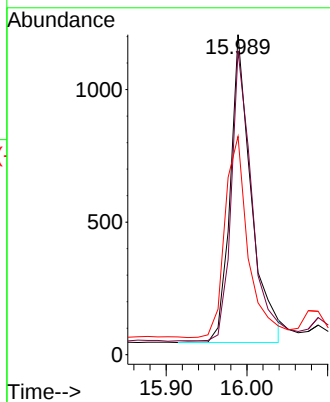
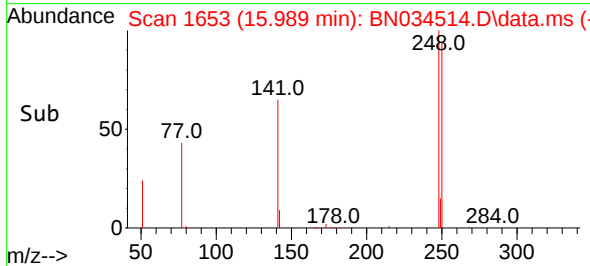
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



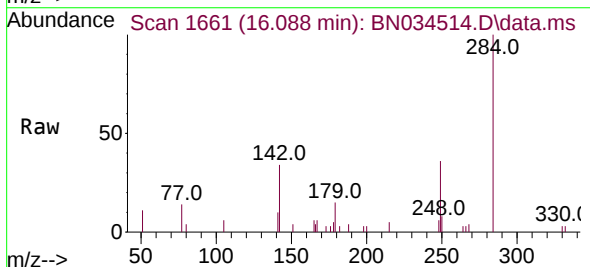
Tgt Ion:248 Resp: 2117
Ion Ratio Lower Upper
248 100
250 94.9 80.5 120.7
141 68.2 37.1 55.7

Manual Integrations
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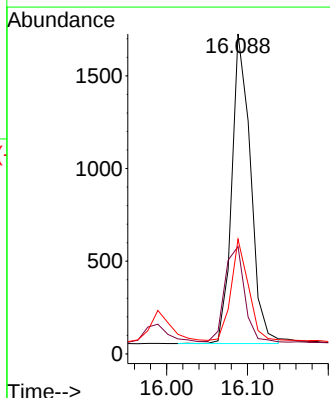
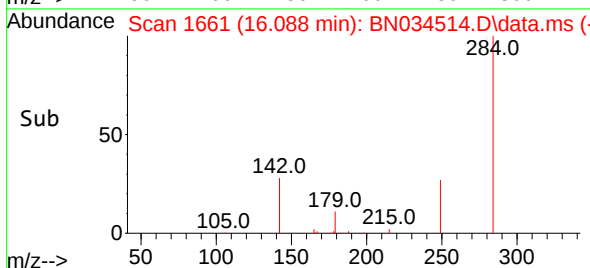
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

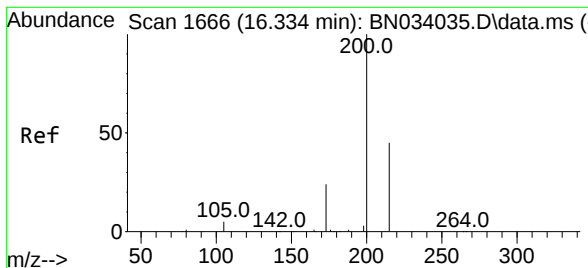


#22
Hexachlorobenzene
Concen: 0.480 ng
RT: 16.088 min Scan# 1661
Delta R.T. -0.019 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02



Tgt Ion:284 Resp: 2692
Ion Ratio Lower Upper
284 100
142 32.6 34.5 51.7#
249 30.2 25.8 38.6





#23

Atrazine

Concen: 0.377 ng

RT: 16.287 min Scan# 1666

Delta R.T. -0.007 min

Lab File: BN034514.D

Acq: 09 Oct 2024 21:02

Instrument :

BNA_N

ClientSampleId :

RW4-20240927MSD

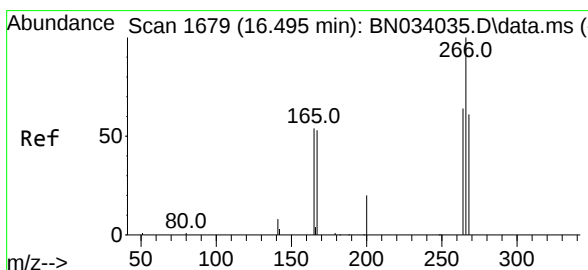
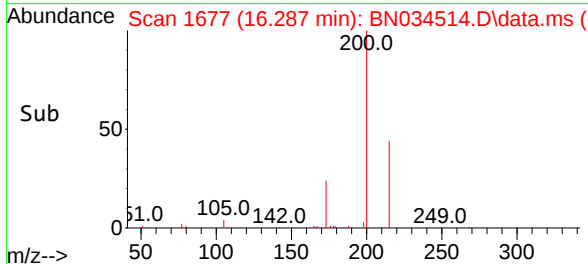
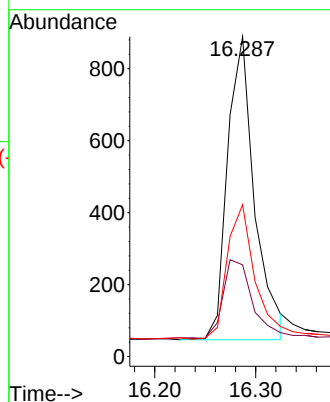
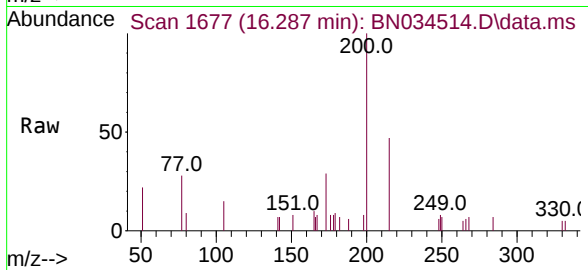
Tgt Ion:	200	Resp:	156
Ion Ratio	Lower	Upper	
200	100		
173	28.7	20.1	30.1
215	47.5	37.0	55.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#24

Pentachlorophenol

Concen: 0.359 ng

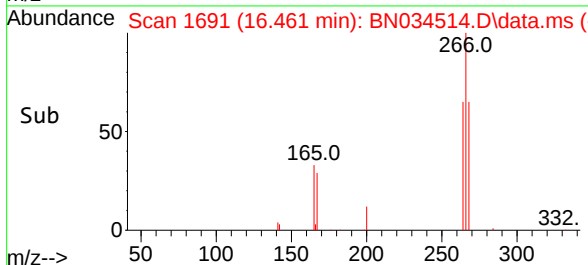
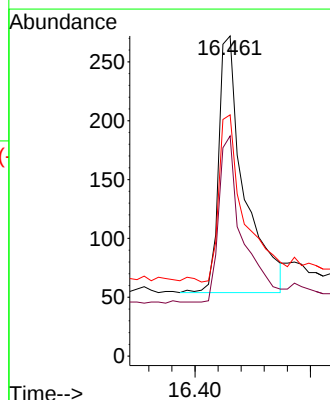
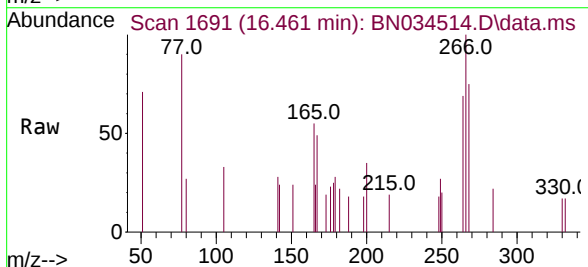
RT: 16.461 min Scan# 1691

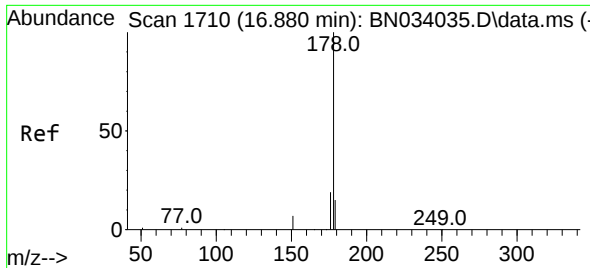
Delta R.T. -0.007 min

Lab File: BN034514.D

Acq: 09 Oct 2024 21:02

Tgt Ion:	266	Resp:	666
Ion Ratio	Lower	Upper	
266	100		
264	60.8	50.2	75.2
268	65.6	51.0	76.4





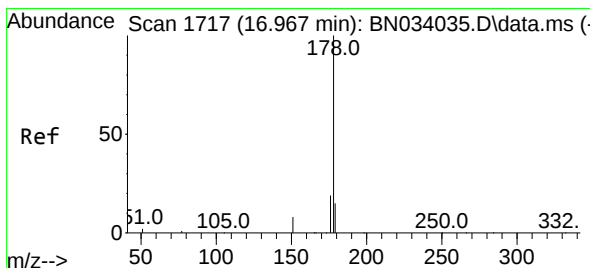
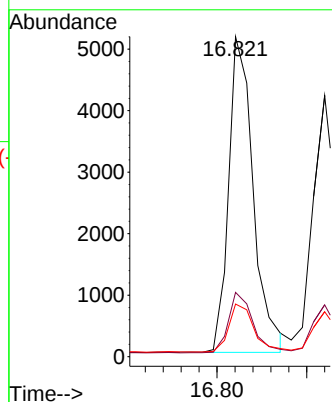
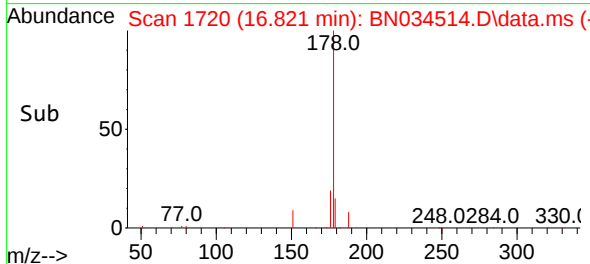
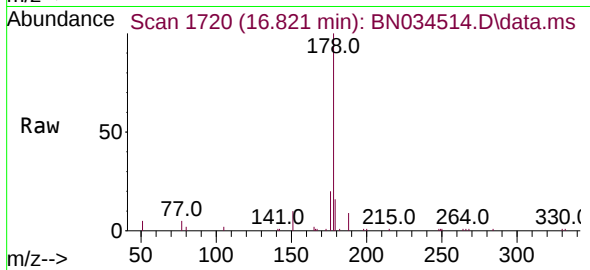
#25
Phenanthrene
Concen: 0.383 ng
RT: 16.821 min Scan# 1710
Delta R.T. -0.019 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD

Tgt Ion:178 Resp: 9799
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.1 18.1

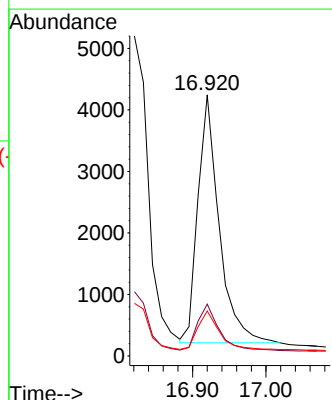
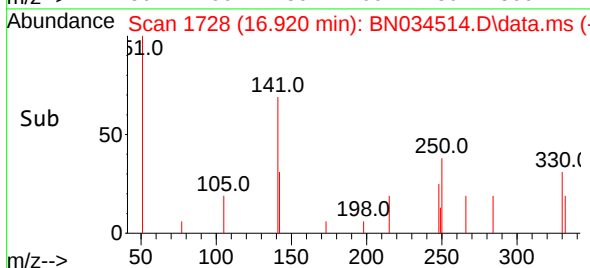
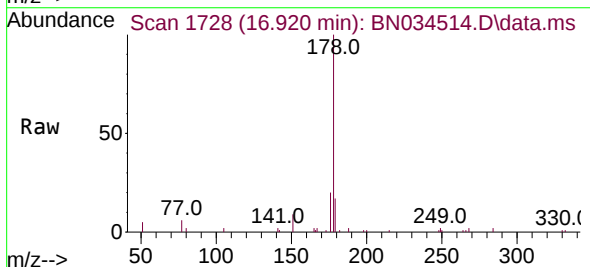
Manual Integrations
APPROVED

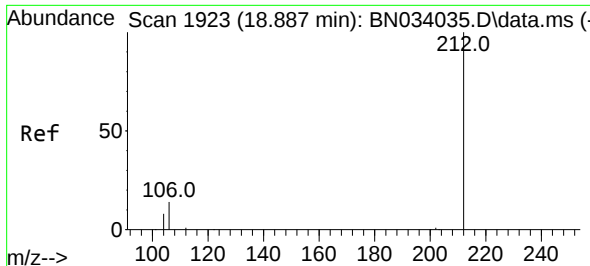
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#26
Anthracene
Concen: 0.389 ng
RT: 16.920 min Scan# 1728
Delta R.T. -0.019 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

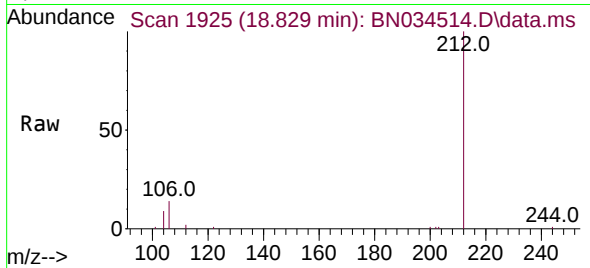
Tgt Ion:178 Resp: 8123
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 18.829 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

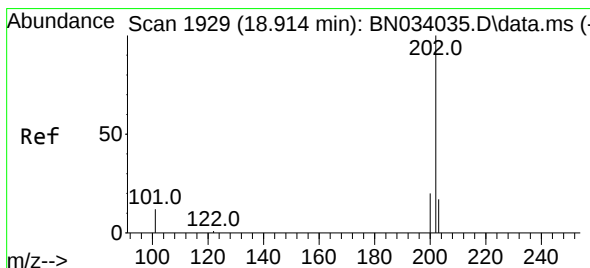
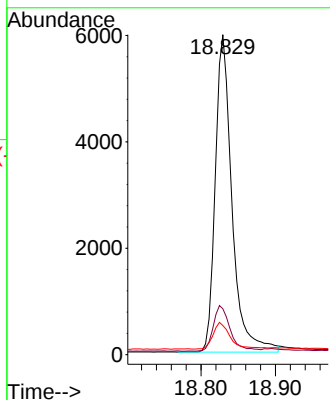
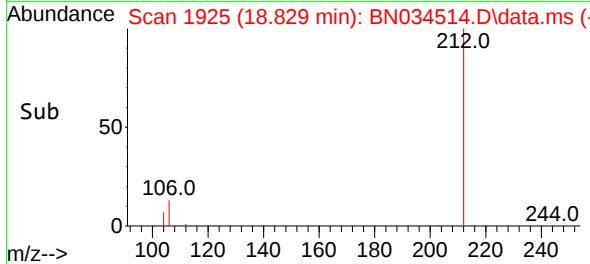
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



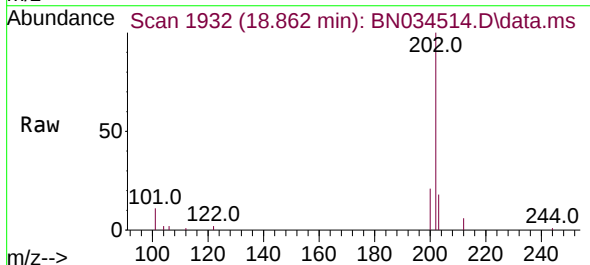
Tgt Ion:212 Resp: 9314
Ion Ratio Lower Upper
212 100
106 14.4 13.4 20.2
104 8.7 7.8 11.6

Manual Integrations
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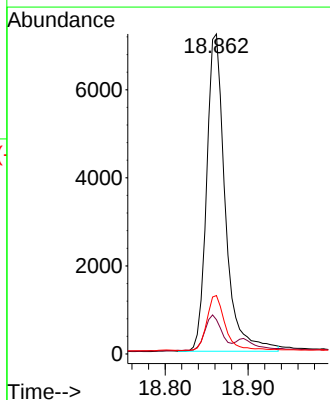
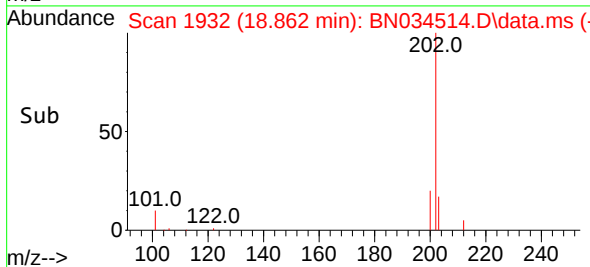
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

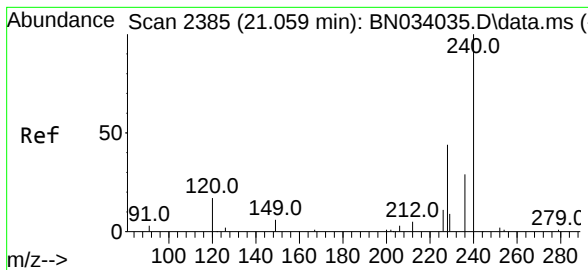


#28
Fluoranthene
Concen: 0.379 ng
RT: 18.862 min Scan# 1932
Delta R.T. -0.016 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02



Tgt Ion:202 Resp: 11231
Ion Ratio Lower Upper
202 100
101 10.5 10.1 15.1
203 17.5 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 2100

Delta R.T. -0.007 min

Lab File: BN034514.D

Acq: 09 Oct 2024 21:02

Instrument :

BNA_N

ClientSampleId :

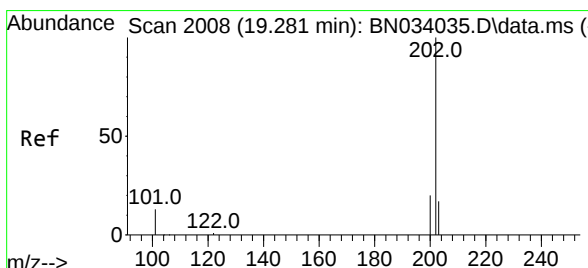
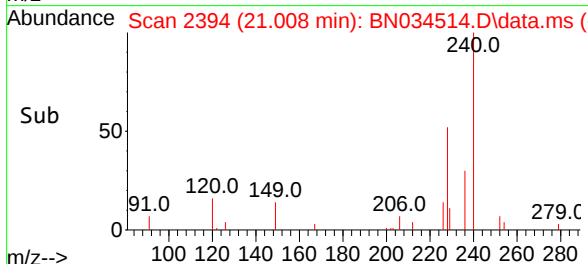
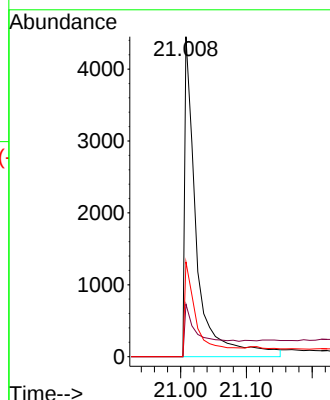
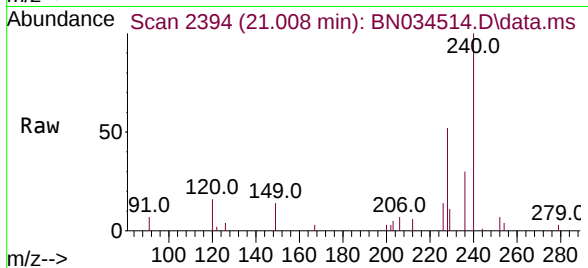
RW4-20240927MSD

Tgt Ion:	240	Resp:	5804
Ion Ratio	Lower	Upper	
240	100		
120	16.4	13.5	20.3
236	29.6	23.4	35.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#30

Pyrene

Concen: 0.494 ng

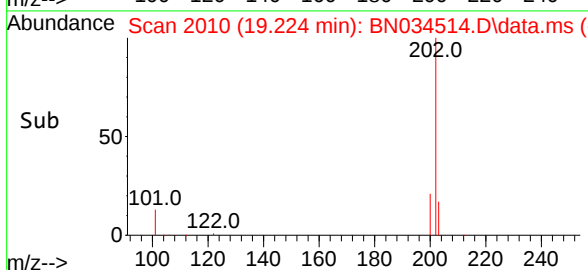
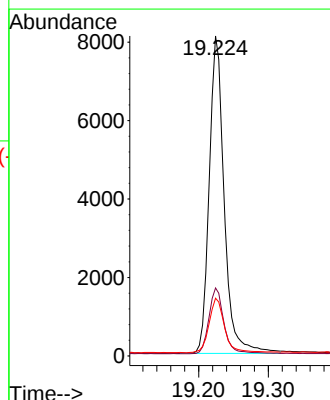
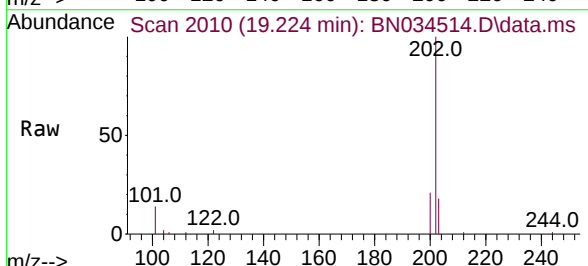
RT: 19.224 min Scan# 2010

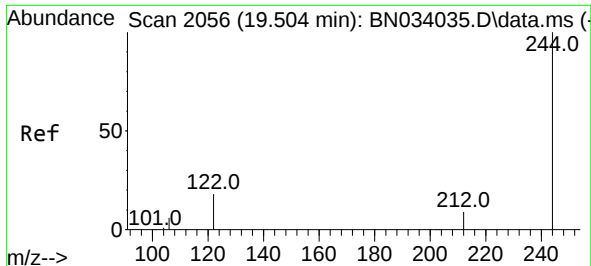
Delta R.T. -0.016 min

Lab File: BN034514.D

Acq: 09 Oct 2024 21:02

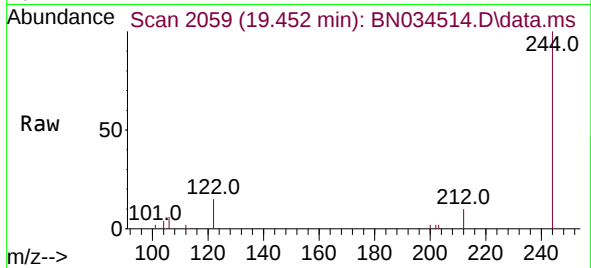
Tgt Ion:	202	Resp:	12099
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	25.0
203	18.0	14.3	21.5





#31
Terphenyl-d14
Concen: 0.560 ng
RT: 19.452 min Scan# 2056
Delta R.T. -0.016 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

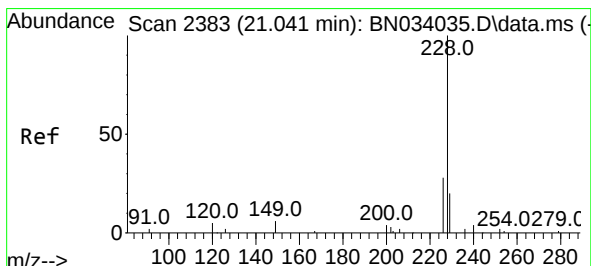
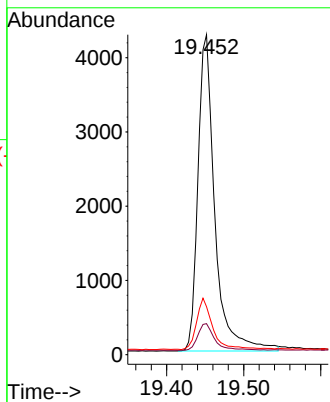
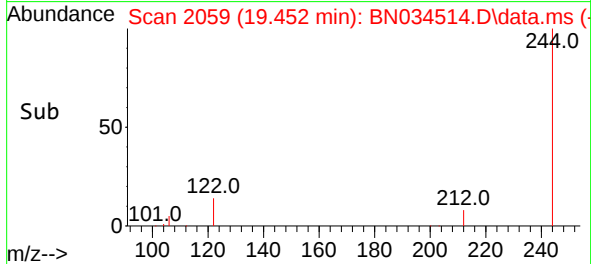
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion:244 Resp: 6490
Ion Ratio Lower Upper
244 100
212 9.7 7.8 11.6
122 15.0 14.8 22.2

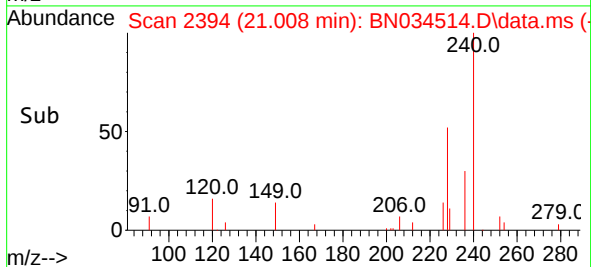
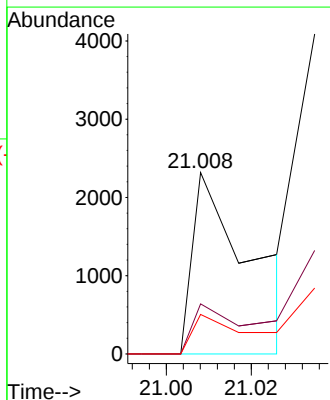
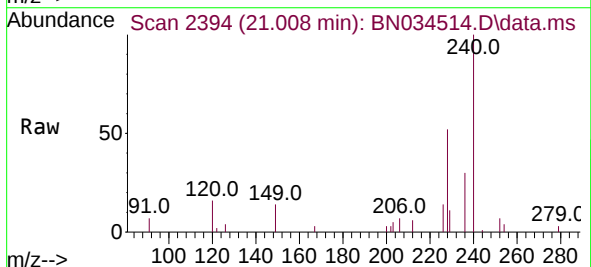
Manual Integrations
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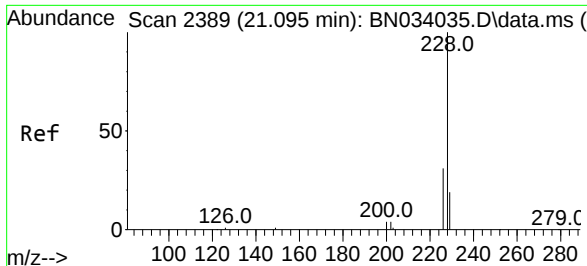
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#32
Benzo(a)anthracene
Concen: 0.117 ng m
RT: 21.008 min Scan# 2394
Delta R.T. 0.002 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

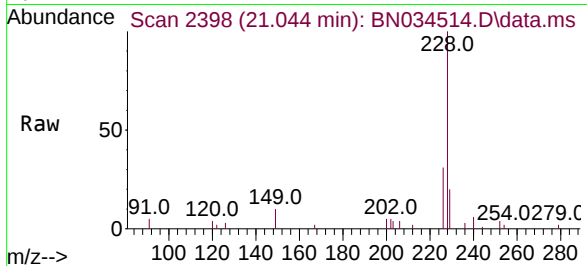
Tgt Ion:228 Resp: 2140
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 21.8 15.7 23.5





#33
Chrysene
Concen: 0.476 ng m
RT: 21.044 min Scan# 2104
Delta R.T. -0.007 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

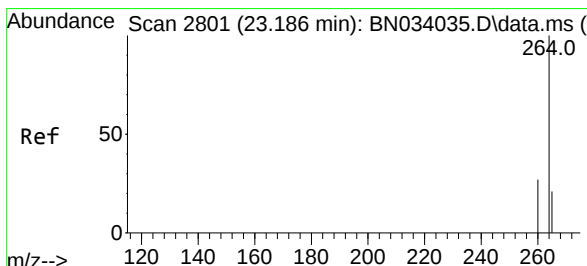
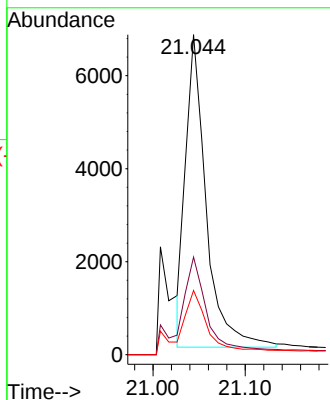
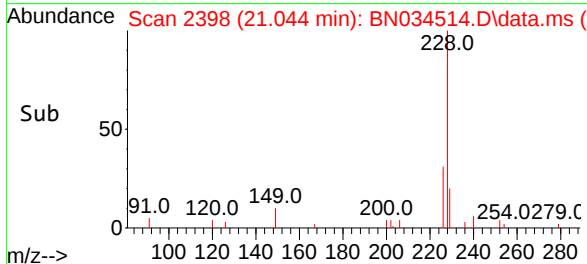
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion:228 Resp: 1042
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 20.1 15.5 23.3

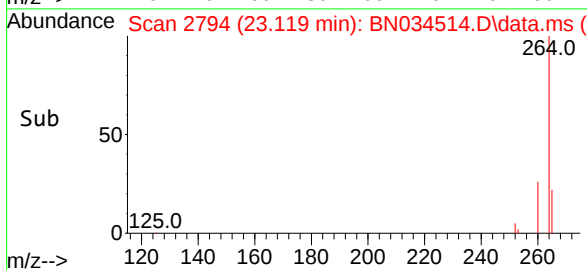
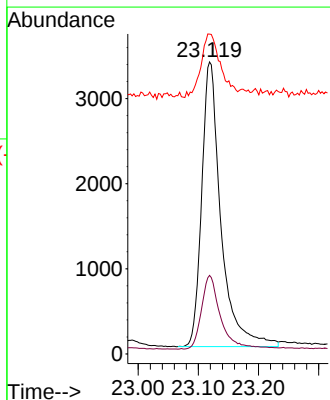
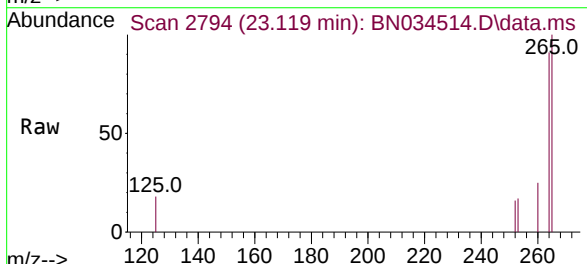
Manual Integrations
APPROVED

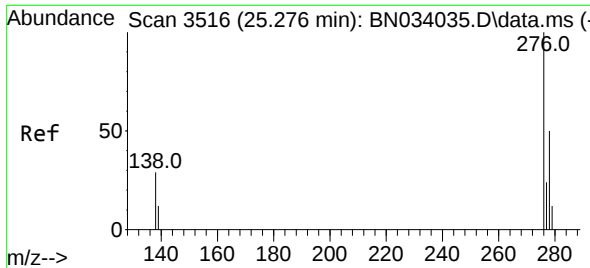
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 2794
Delta R.T. -0.009 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

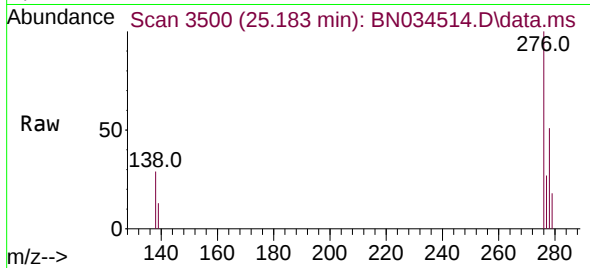
Tgt Ion:264 Resp: 7437
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 109.5 52.1 78.1#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng
RT: 25.183 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

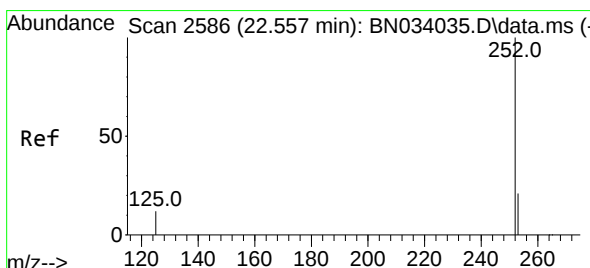
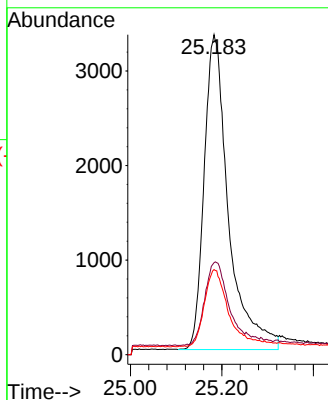
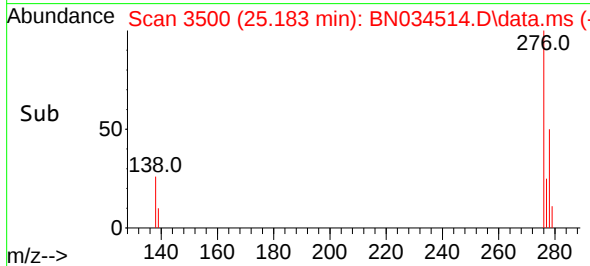
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion:276 Resp: 12309
Ion Ratio Lower Upper
276 100
138 25.5 25.9 38.9
277 23.9 19.7 29.5

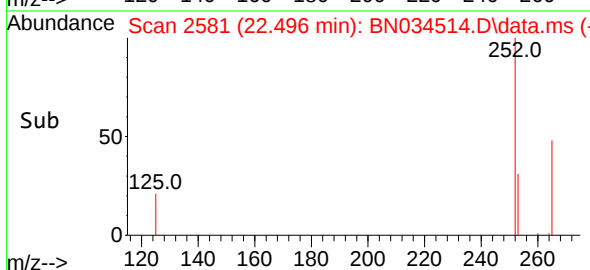
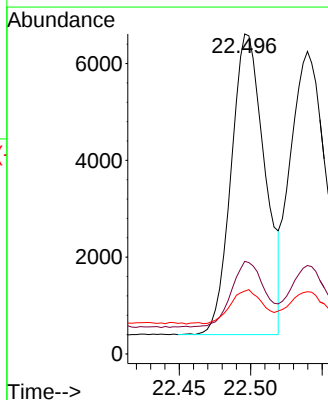
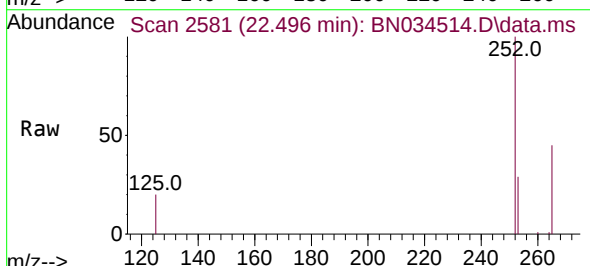
Manual Integrations
APPROVED

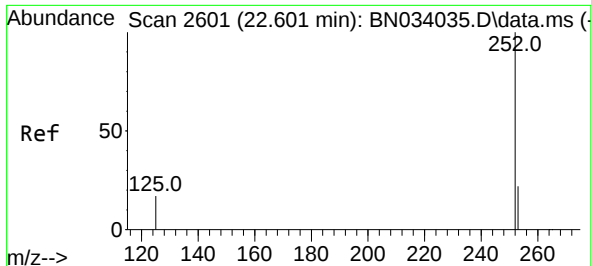
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#37
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.496 min Scan# 2581
Delta R.T. -0.012 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

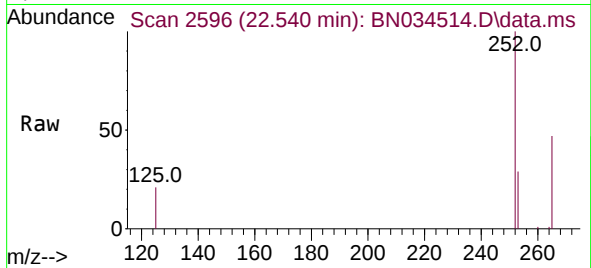
Tgt Ion:252 Resp: 10160
Ion Ratio Lower Upper
252 100
253 28.9 19.6 29.4
125 19.7 13.8 20.8





#38
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.540 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

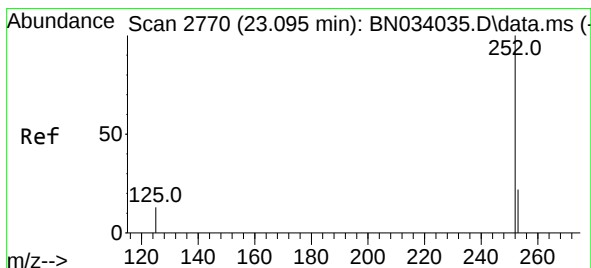
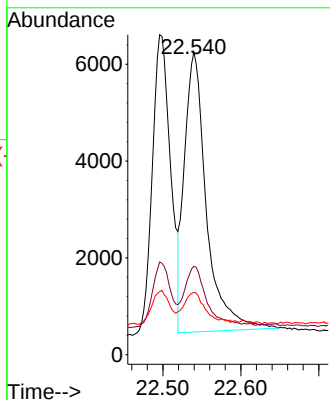
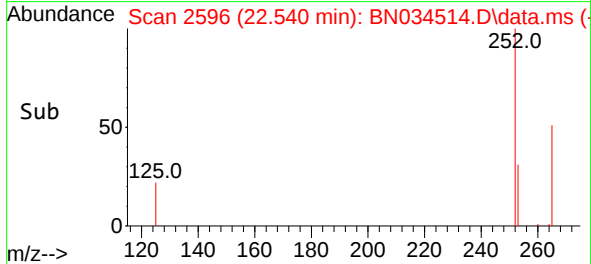
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion:252 Resp: 11364
Ion Ratio Lower Upper
252 100
253 29.2 20.1 30.1
125 20.6 16.8 25.2

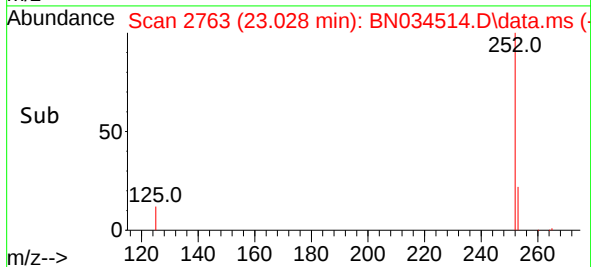
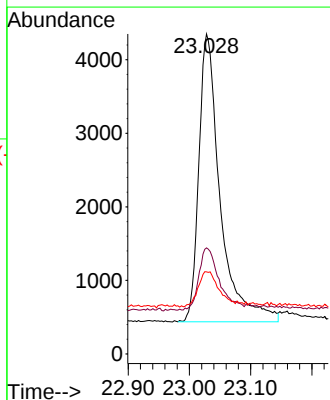
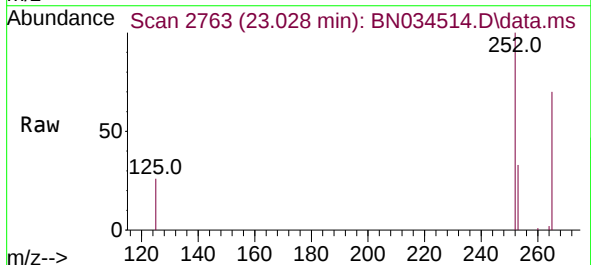
Manual Integrations
APPROVED

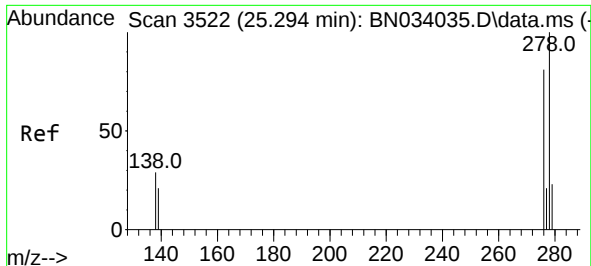
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#39
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.028 min Scan# 2763
Delta R.T. -0.009 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

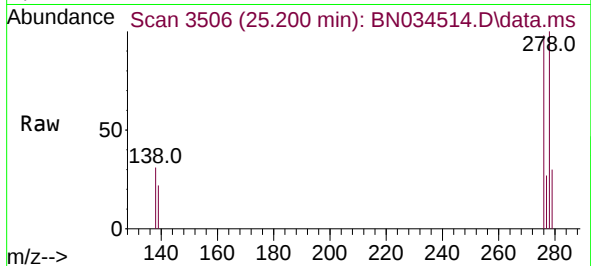
Tgt Ion:252 Resp: 9477
Ion Ratio Lower Upper
252 100
253 33.2 21.8 32.8#
125 25.6 17.5 26.3





#40
Dibenzo(a,h)anthracene
Concen: 0.374 ng
RT: 25.200 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

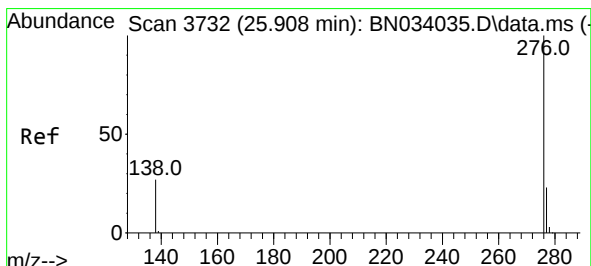
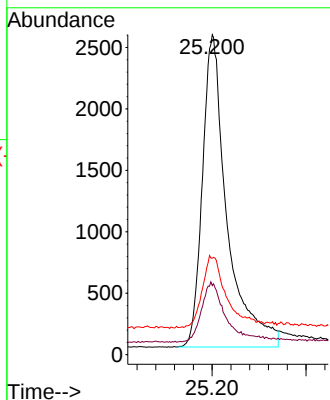
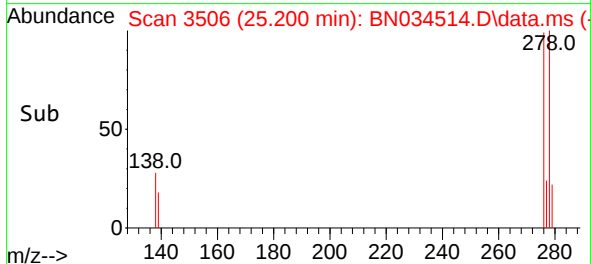
Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD



Tgt Ion: 278 Resp: 9250
Ion Ratio Lower Upper
278 100
139 21.6 17.8 26.8
279 30.1 21.0 31.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#41
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 25.802 min Scan# 3712
Delta R.T. -0.015 min
Lab File: BN034514.D
Acq: 09 Oct 2024 21:02

Tgt Ion: 276 Resp: 10450
Ion Ratio Lower Upper
276 100
277 25.8 19.3 28.9
138 26.8 22.6 34.0

