

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
 Data File : BN034876.D
 Acq On : 06 Nov 2024 16:50
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-0.2 ng
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Nov 06 17:17:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 00:03:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	5380	0.400	ng	-0.01
7) Naphthalene-d8	10.340	136	15501	0.400	ng	-0.01
13) Acenaphthene-d10	14.208	164	7152	0.400	ng	-0.01
19) Phenanthrene-d10	16.952	188	13496	0.400	ng	#-0.02
29) Chrysene-d12	21.149	240	8222	0.400	ng	#-0.01
35) Perylene-d12	23.315	264	7354	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	5104	0.313	ng	-0.01
5) Phenol-d6	6.759	99	6708	0.317	ng	0.00
8) Nitrobenzene-d5	8.717	82	4531	0.372	ng	-0.01
11) 2-Methylnaphthalene-d10	11.939	152	11700	0.521	ng	-0.01
14) 2,4,6-Tribromophenol	15.698	330	540	0.153	ng	-0.02
15) 2-Fluorobiphenyl	12.829	172	10578	0.376	ng	-0.01
27) Fluoranthene-d10	18.990	212	17918	0.566	ng	-0.01
31) Terphenyl-d14	19.603	244	5890	0.334	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	1427m	0.242	ng	
3) n-Nitrosodimethylamine	3.487	42	1872m	0.282	ng	
6) bis(2-Chloroethyl)ether	7.012	93	3929	0.254	ng	95
9) Naphthalene	10.394	128	9382	0.219	ng	100
10) Hexachlorobutadiene	10.693	225	1441	0.204	ng	# 99
12) 2-Methylnaphthalene	12.014	142	5518	0.197	ng	98
16) Acenaphthylene	13.919	152	7125	0.199	ng	100
17) Acenaphthene	14.272	154	4828	0.202	ng	95
18) Fluorene	15.266	166	5796	0.195	ng	98
20) 4,6-Dinitro-2-methylph...	15.341	198	153m	0.239	ng	
21) 4-Bromophenyl-phenylether	16.157	248	1532	0.196	ng	# 88
22) Hexachlorobenzene	16.269	284	1860	0.213	ng	92
23) Atrazine	16.431	200	1079	0.160	ng	# 93
24) Pentachlorophenol	16.604	266	582	0.155	ng	97
25) Phenanthrene	16.989	178	9041	0.228	ng	99
26) Anthracene	17.088	178	7912	0.213	ng	100
28) Fluoranthene	19.022	202	8952	0.205	ng	98
30) Pyrene	19.385	202	8917	0.207	ng	100
32) Benzo(a)anthracene	21.131	228	6850	0.209	ng	99
33) Chrysene	21.185	228	7466	0.233	ng	99
34) Bis(2-ethylhexyl)phtha...	21.095	149	3904m	0.143	ng	
36) Indeno(1,2,3-cd)pyrene	25.473	276	7117	0.263	ng	93
37) Benzo(b)fluoranthene	22.672	252	7075	0.239	ng	# 86
38) Benzo(k)fluoranthene	22.713	252	7007	0.243	ng	# 87
39) Benzo(a)pyrene	23.222	252	5277	0.216	ng	# 76
40) Dibenzo(a,h)anthracene	25.488	278	5442	0.258	ng	94
41) Benzo(g,h,i)perylene	26.125	276	6234	0.273	ng	# 91

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

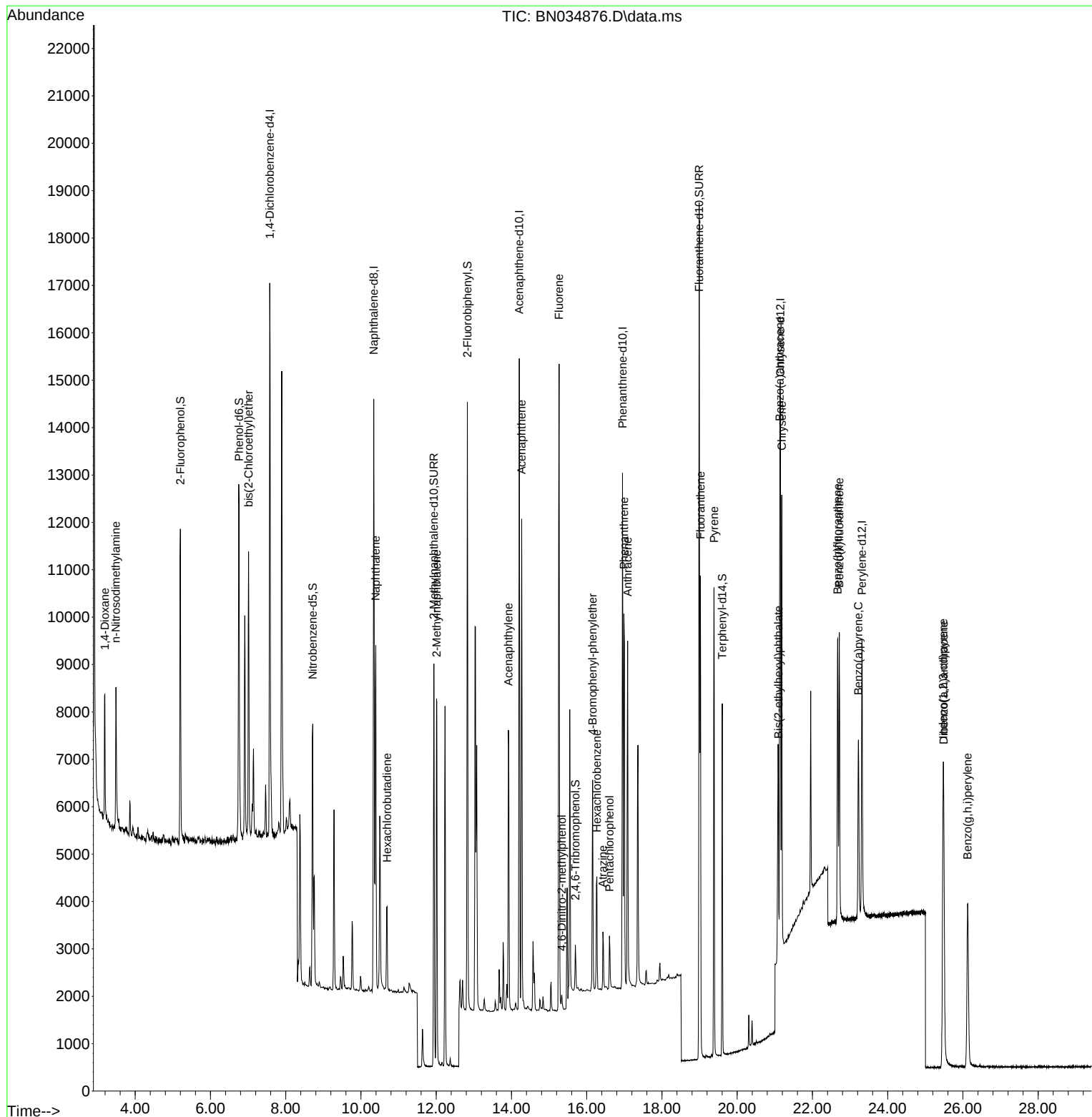
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Data File : BN034876.D
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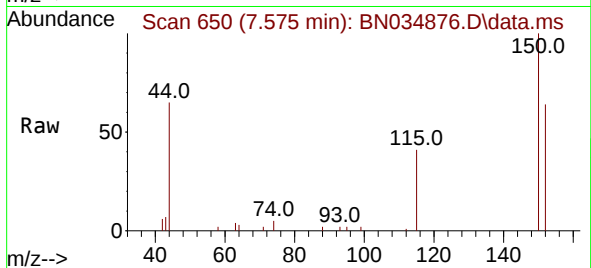
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034876.D
 Acq: 06 Nov 2024 16:50

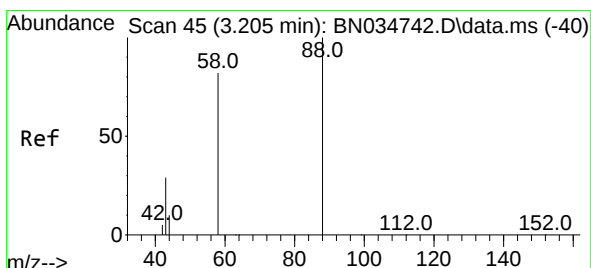
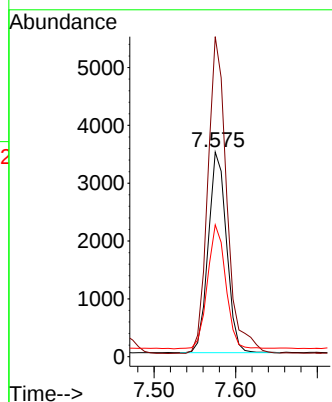
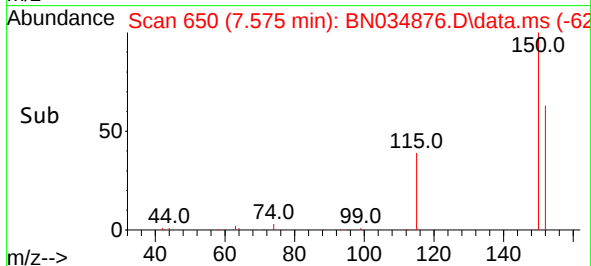
Instrument : BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024



Tgt Ion: 152 Resp: 5380
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.9 187.3
 115 64.4 50.2 75.2

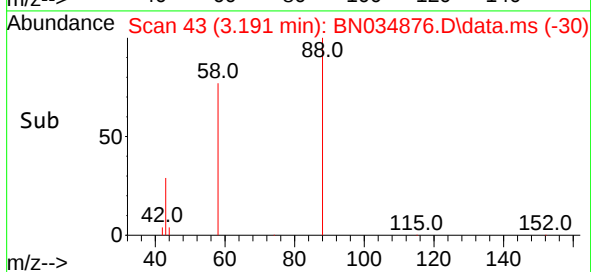
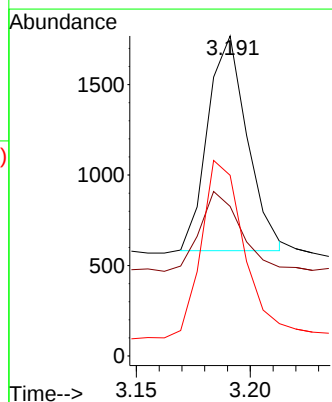
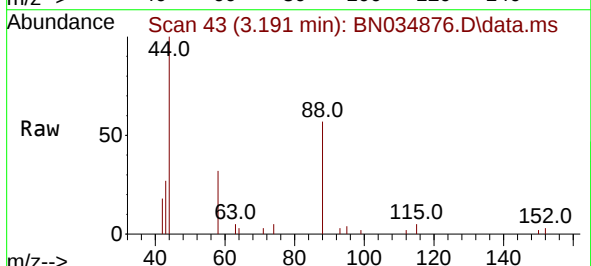
Manual Integrations
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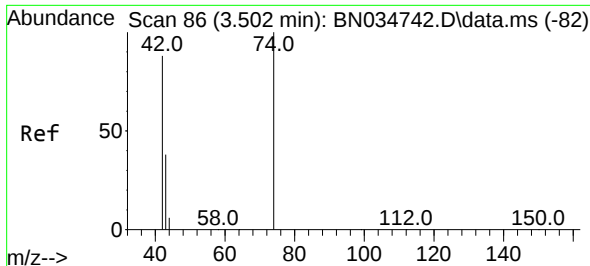
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#2
 1,4-Dioxane
 Concen: 0.242 ng m
 RT: 3.191 min Scan# 43
 Delta R.T. -0.007 min
 Lab File: BN034876.D
 Acq: 06 Nov 2024 16:50

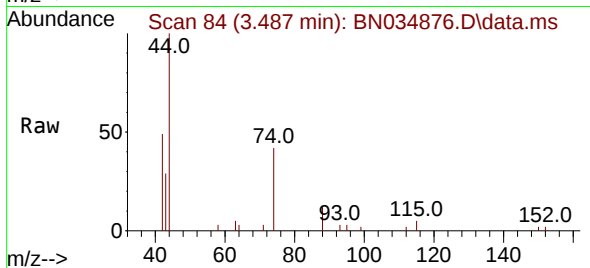
Tgt Ion: 88 Resp: 1427
 Ion Ratio Lower Upper
 88 100
 43 40.2 26.7 40.1#
 58 96.6 59.3 88.9#





#3
n-Nitrosodimethylamine
Concen: 0.282 ng m
RT: 3.487 min Scan# 84
Delta R.T. -0.007 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

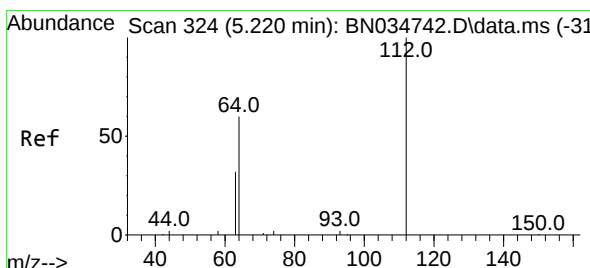
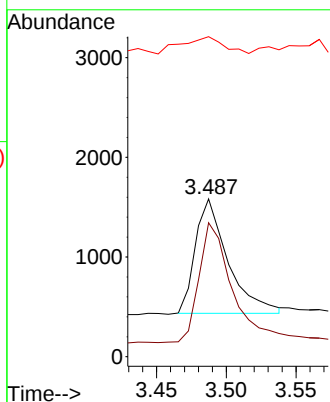
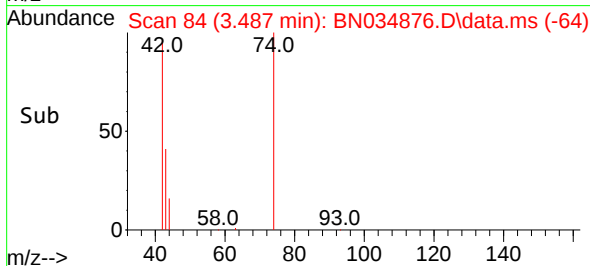
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



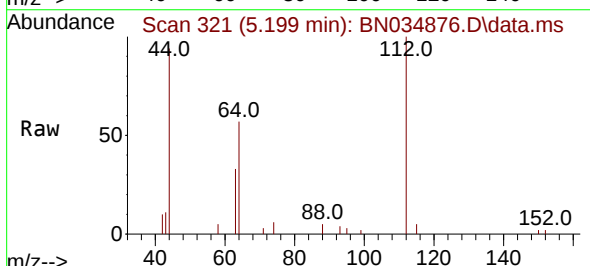
Tgt Ion: 42 Resp: 1872
Ion Ratio Lower Upper
42 100
74 113.2 103.1 154.7
44 22.8 6.7 10.1

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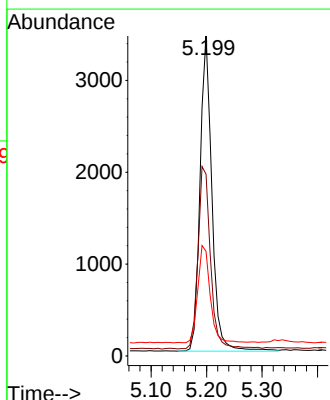
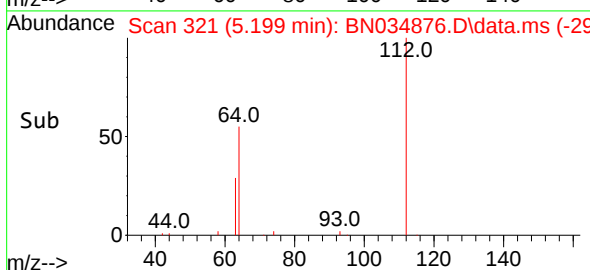
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

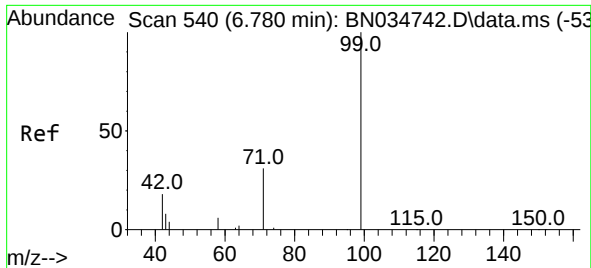


#4
2-Fluorophenol
Concen: 0.313 ng
RT: 5.199 min Scan# 321
Delta R.T. -0.014 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50



Tgt Ion:112 Resp: 5104
Ion Ratio Lower Upper
112 100
64 60.9 44.9 67.3
63 32.2 23.5 35.3





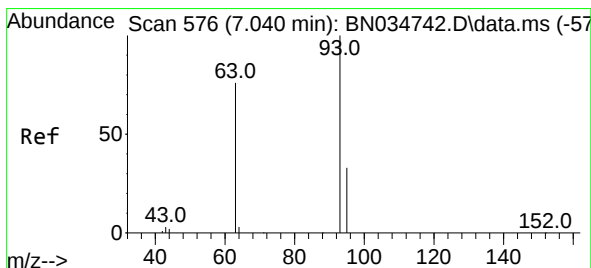
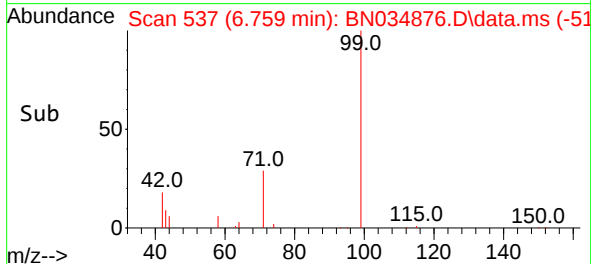
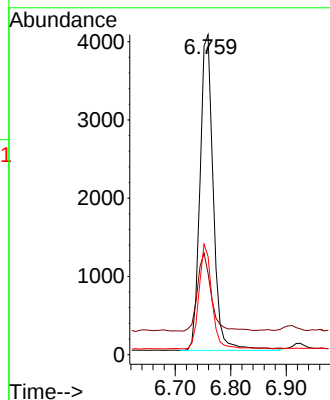
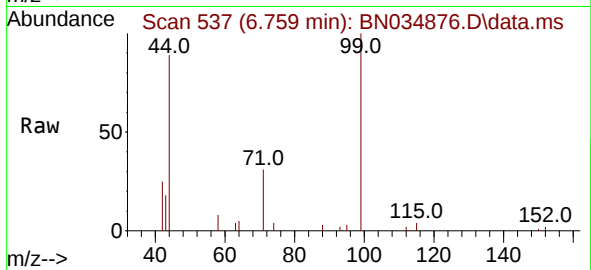
#5
Phenol-d6
Concen: 0.317 ng
RT: 6.759 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 99 Resp: 6708
Ion Ratio Lower Upper
99 100
42 25.0 15.9 23.9
71 31.8 24.3 36.5

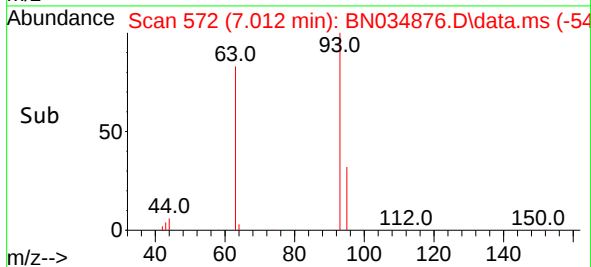
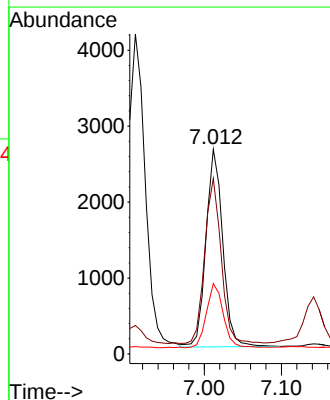
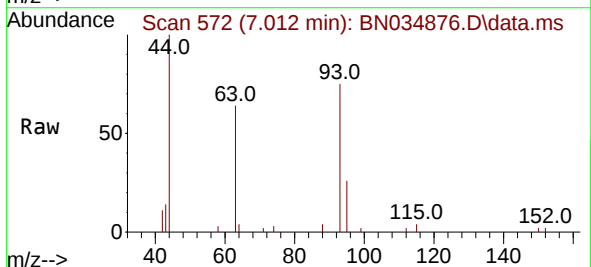
Manual Integrations
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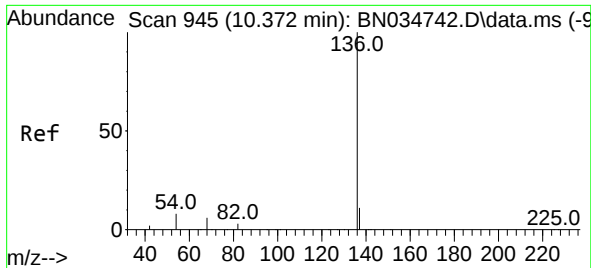
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.254 ng
RT: 7.012 min Scan# 572
Delta R.T. -0.014 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Tgt Ion: 93 Resp: 3929
Ion Ratio Lower Upper
93 100
63 82.1 61.2 91.8
95 33.0 25.8 38.8





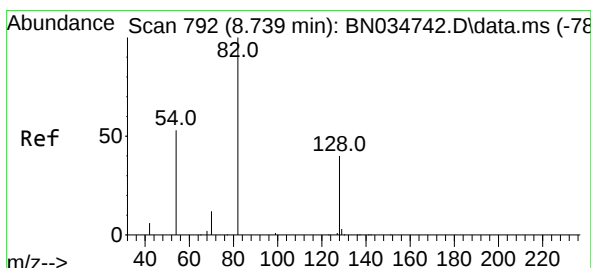
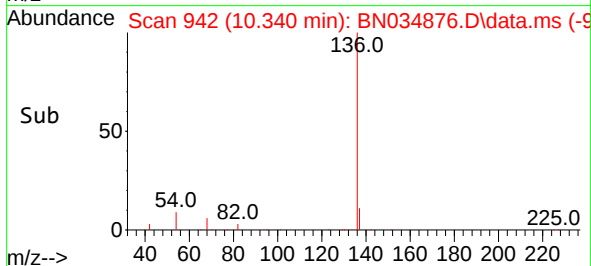
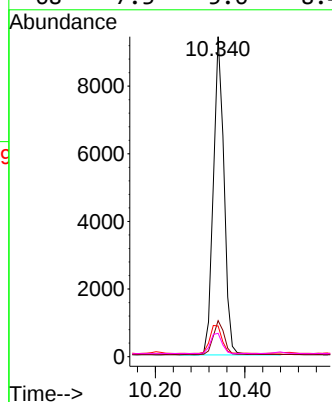
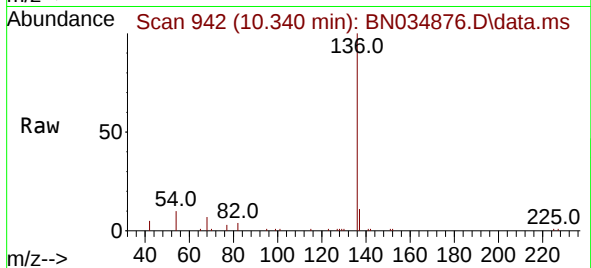
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:	136	Resp:	1550
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	9.6	7.0	10.4
68	7.3	5.6	8.4

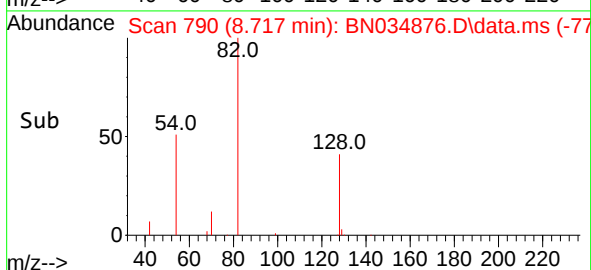
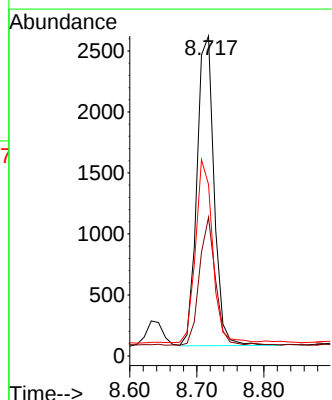
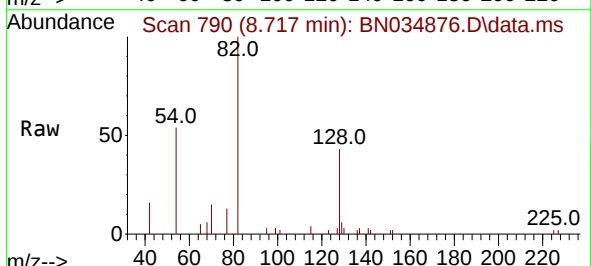
Manual Integrations
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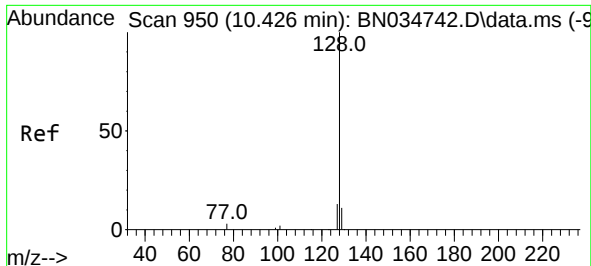
Reviewed By :Yogesh Patel 11/07/2024
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#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.011 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Tgt Ion:	82	Resp:	4531
Ion Ratio	Lower	Upper	
82	100		
128	43.3	33.7	50.5
54	53.6	44.4	66.6





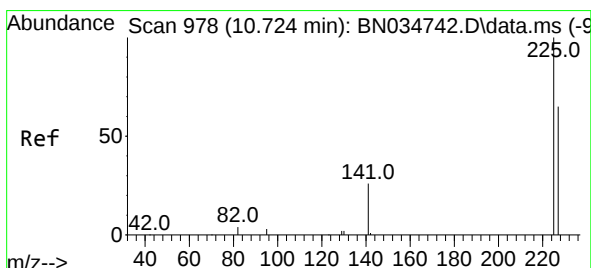
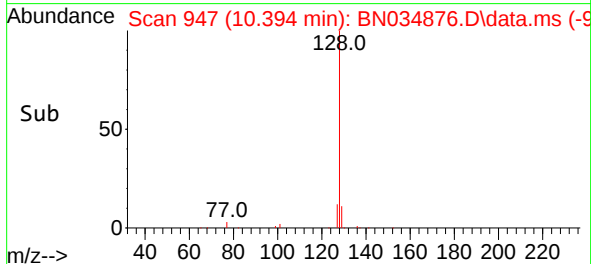
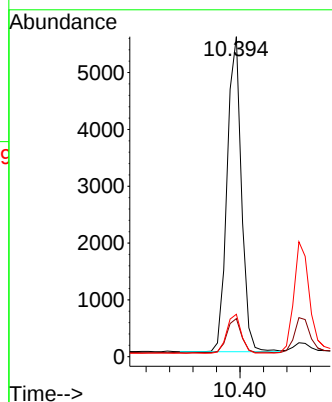
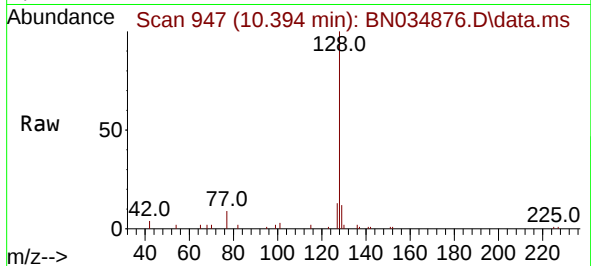
#9
Naphthalene
Concen: 0.219 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:128 Resp: 938
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.3 10.6 15.8

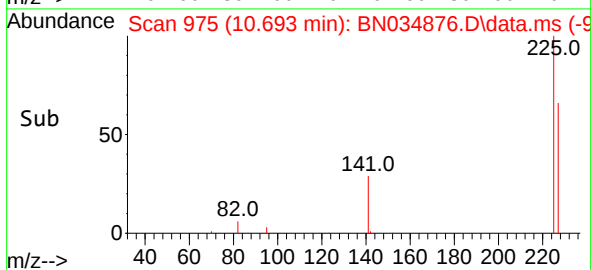
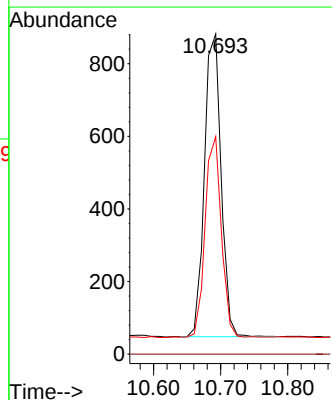
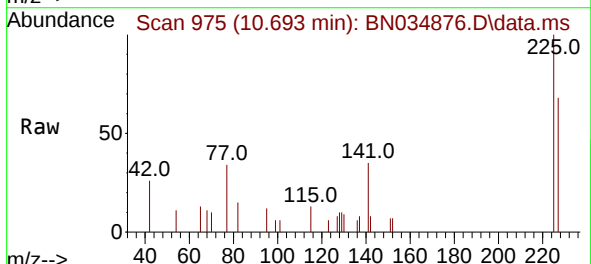
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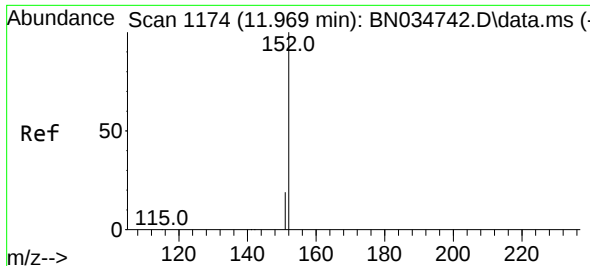
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#10
Hexachlorobutadiene
Concen: 0.204 ng
RT: 10.693 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

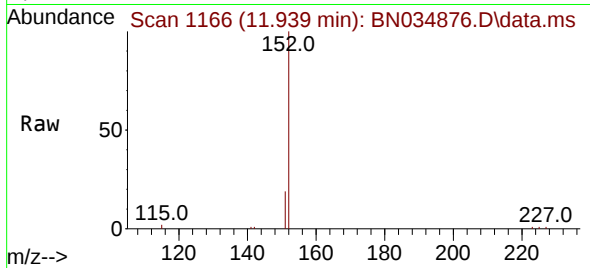
Tgt Ion:225 Resp: 1441
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.7 51.4 77.2





#11
2-Methylnaphthalene-d10
Concen: 0.521 ng
RT: 11.939 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

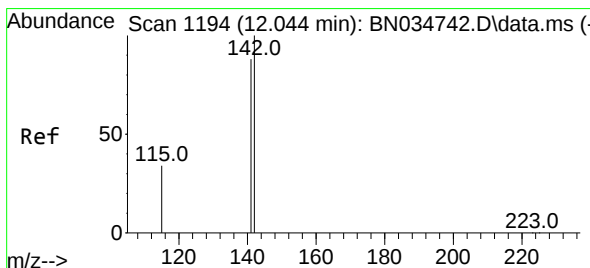
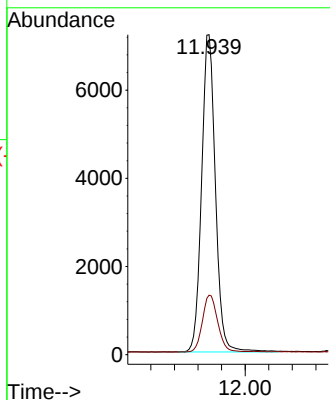
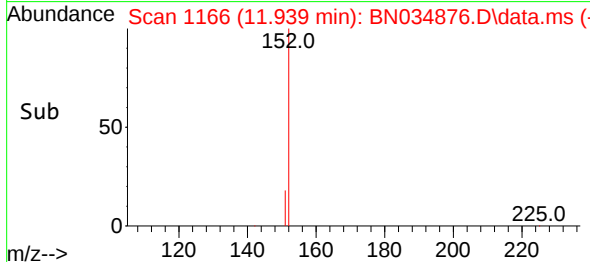
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion:152 Resp: 11700
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8

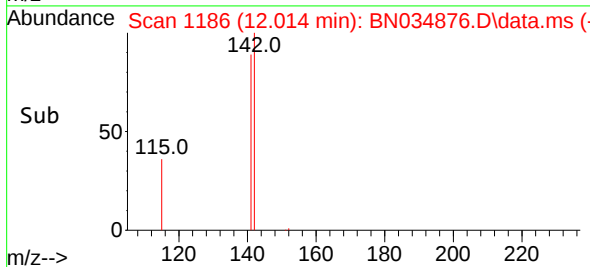
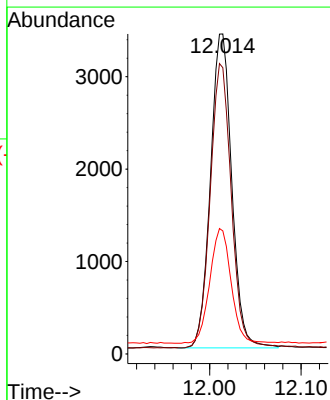
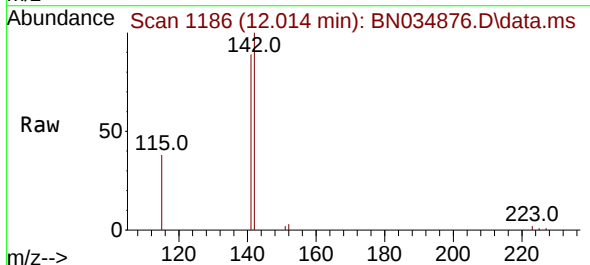
Manual Integrations
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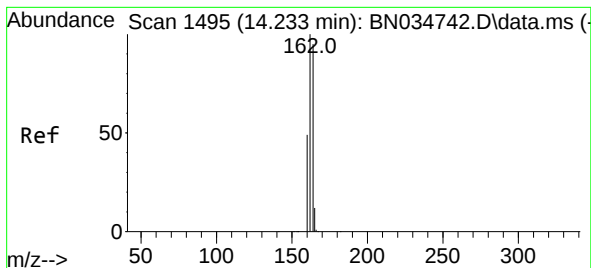
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#12
2-Methylnaphthalene
Concen: 0.197 ng
RT: 12.014 min Scan# 1186
Delta R.T. -0.011 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Tgt Ion:142 Resp: 5518
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0
115 38.5 28.6 42.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.208 min Scan# 1492

Delta R.T. -0.014 min

Lab File: BN034876.D

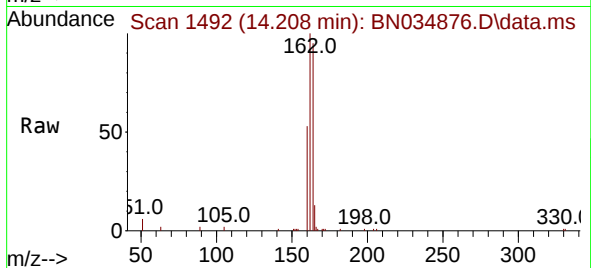
Acq: 06 Nov 2024 16:50

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024



Tgt Ion:164 Resp: 715

Ion Ratio Lower Upper

164 100

162 104.9 84.3 126.5

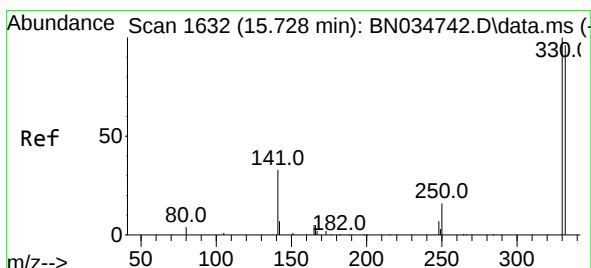
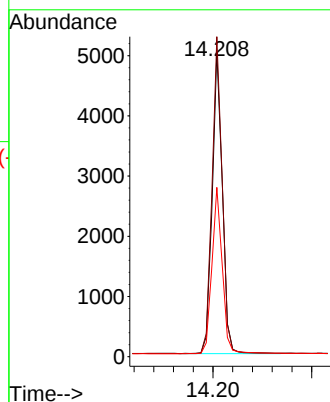
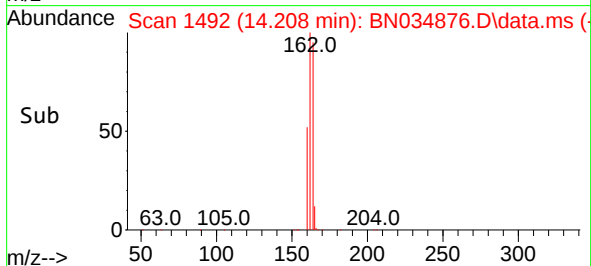
160 55.5 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#14

2,4,6-Tribromophenol

Concen: 0.153 ng

RT: 15.698 min Scan# 1629

Delta R.T. -0.018 min

Lab File: BN034876.D

Acq: 06 Nov 2024 16:50

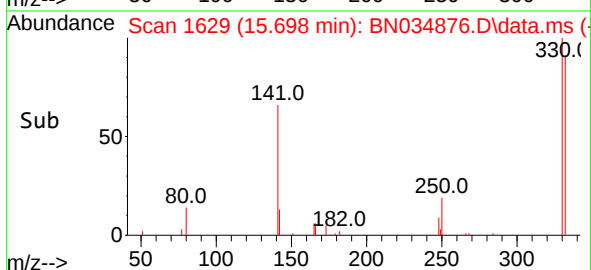
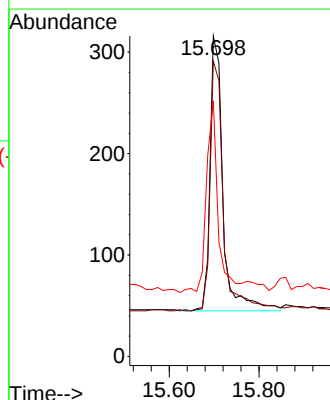
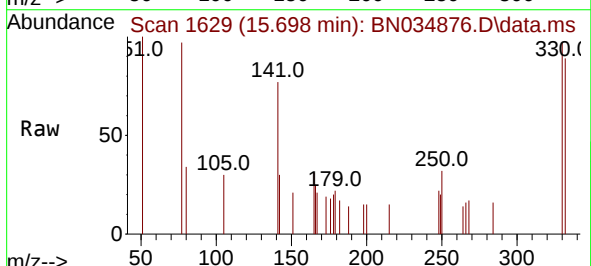
Tgt Ion:330 Resp: 540

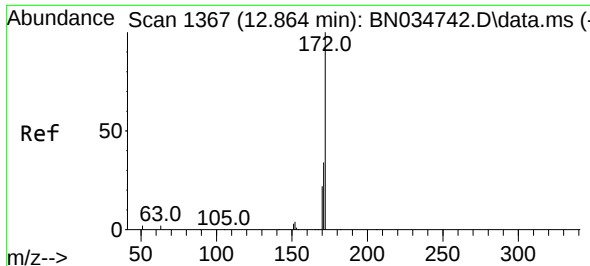
Ion Ratio Lower Upper

330 100

332 93.1 77.8 116.6

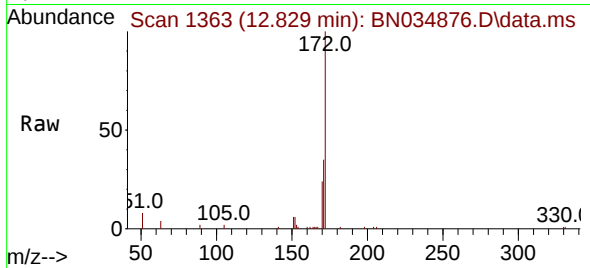
141 62.8 41.0 61.4#





#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.829 min Scan# 11
Delta R.T. -0.014 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

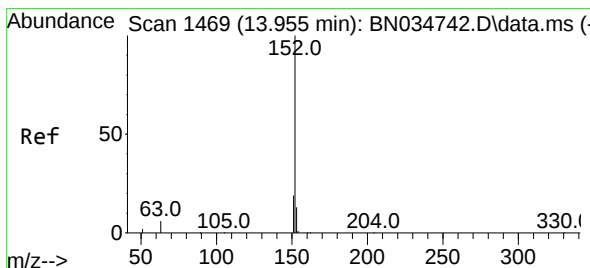
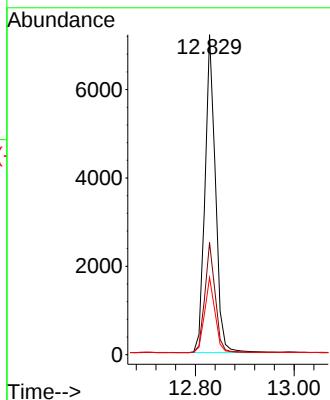
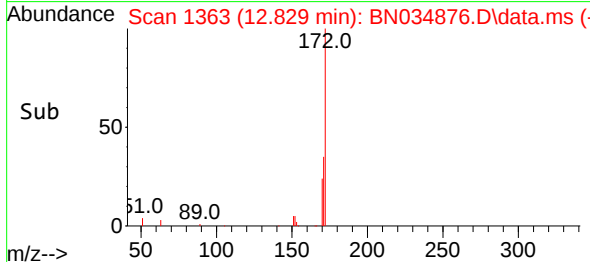
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



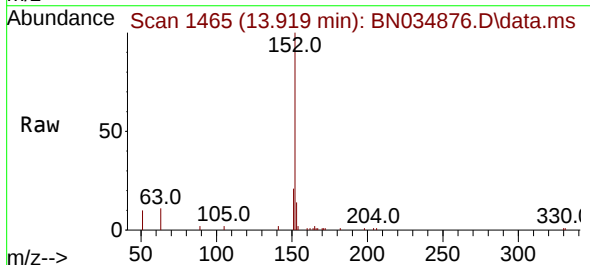
Tgt Ion:172 Resp: 10578
Ion Ratio Lower Upper
172 100
171 35.0 27.2 40.8
170 24.1 18.0 27.0

Manual Integrations
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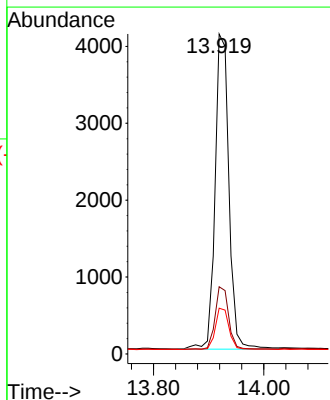
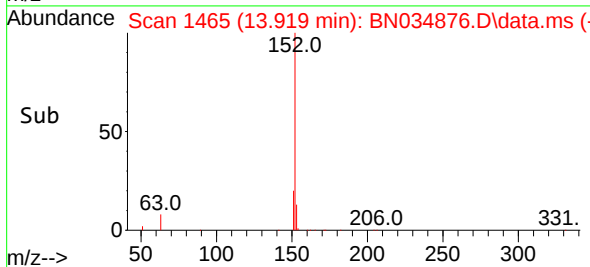
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

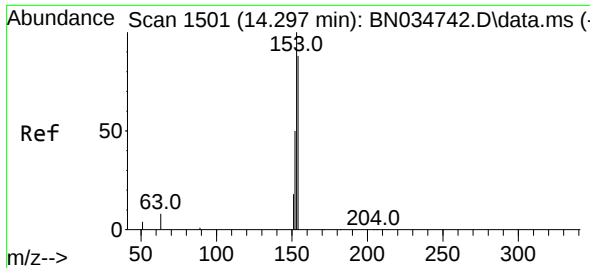


#16
Acenaphthylene
Concen: 0.199 ng
RT: 13.919 min Scan# 1465
Delta R.T. -0.014 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50



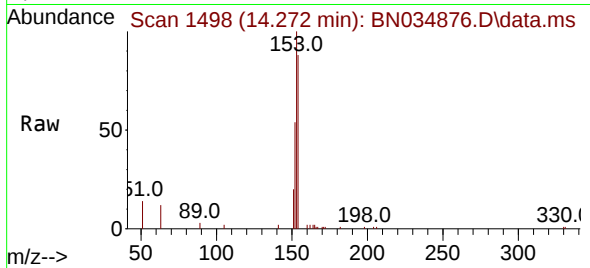
Tgt Ion:152 Resp: 7125
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 13.1 10.2 15.4





#17
Acenaphthene
Concen: 0.202 ng
RT: 14.272 min Scan# 1498
Delta R.T. -0.014 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

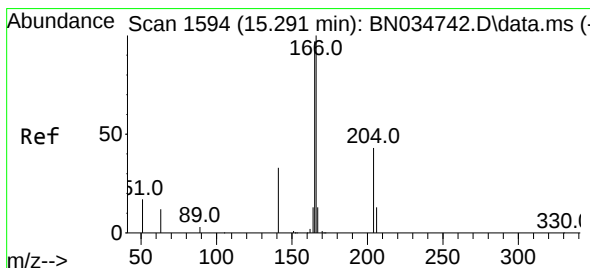
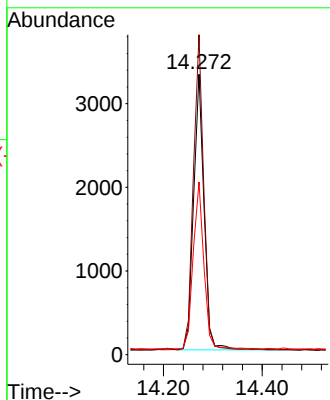
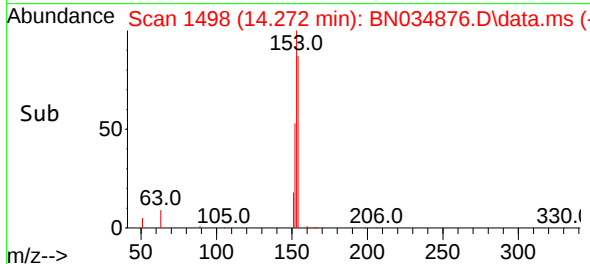
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT4-2024



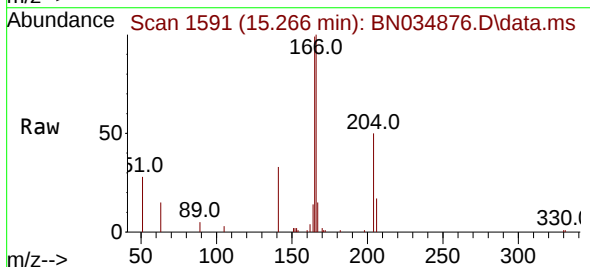
Tgt Ion:154 Resp: 4828
Ion Ratio Lower Upper
154 100
153 112.9 87.8 131.6
152 62.0 44.6 67.0

Manual Integrations
APPROVED

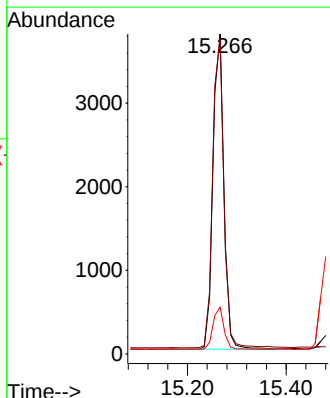
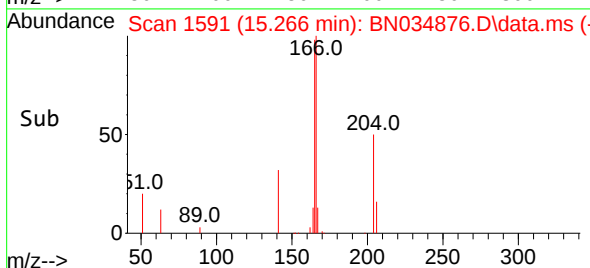
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

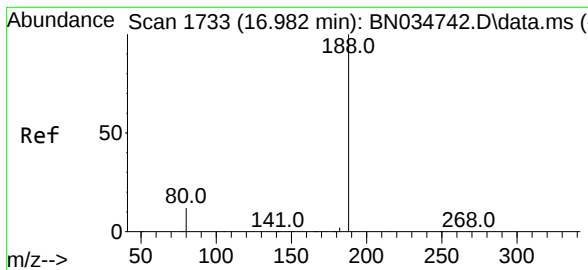


#18
Fluorene
Concen: 0.195 ng
RT: 15.266 min Scan# 1591
Delta R.T. -0.004 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50



Tgt Ion:166 Resp: 5796
Ion Ratio Lower Upper
166 100
165 100.6 78.5 117.7
167 13.4 10.8 16.2





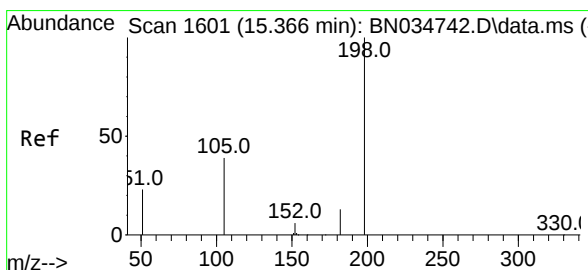
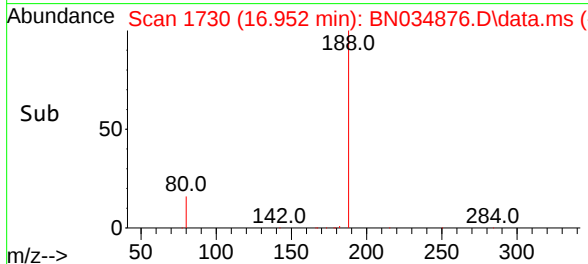
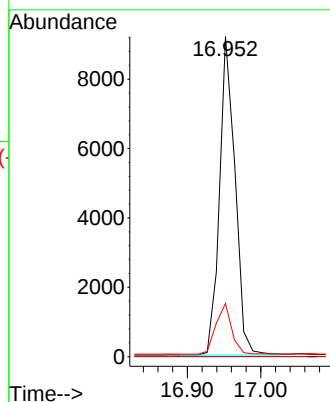
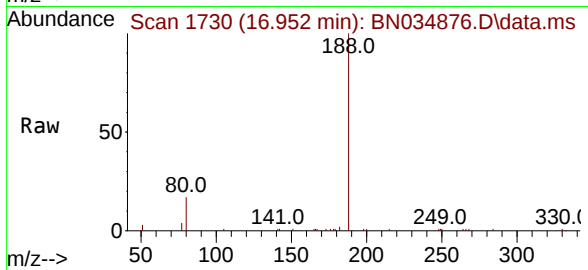
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:188	Resp:	13490
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	16.6	9.8

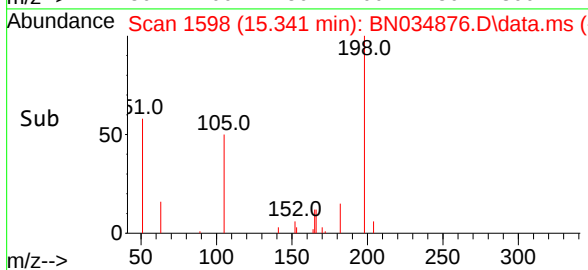
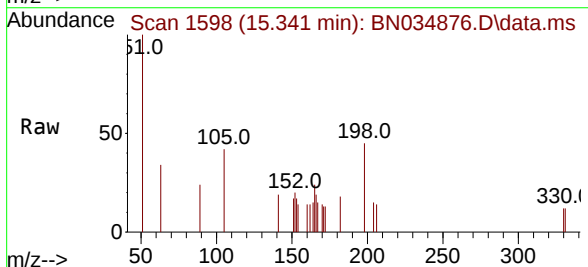
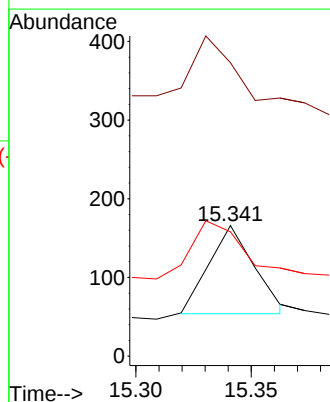
Manual Integrations
APPROVED

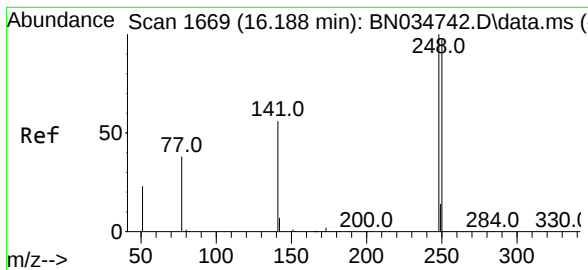
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.239 ng m
RT: 15.341 min Scan# 1598
Delta R.T. -0.014 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

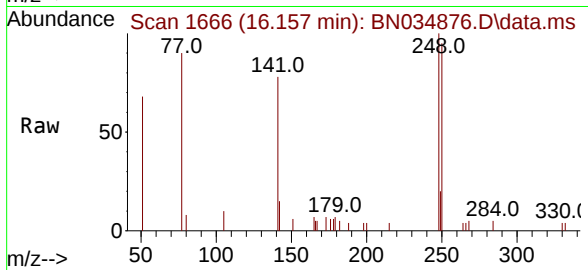
Tgt Ion:198	Resp:	153
Ion Ratio	Lower	Upper
198	100	
51	224.7	58.0
105	95.2	49.1





#21
4-Bromophenyl-phenylether
Concen: 0.196 ng
RT: 16.157 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

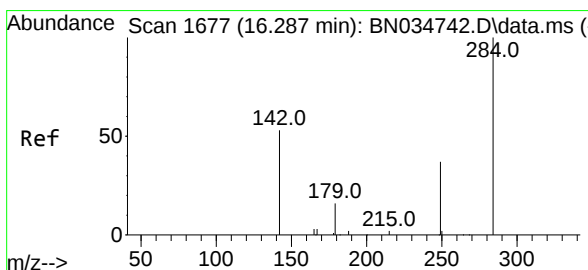
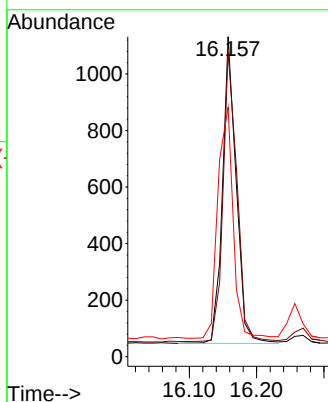
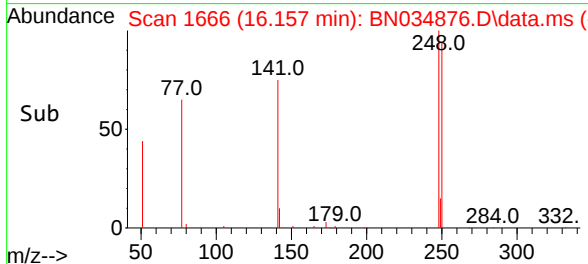
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:248 Resp: 153
Ion Ratio Lower Upper
248 100
250 95.1 78.7 118.1
141 77.9 46.4 69.6

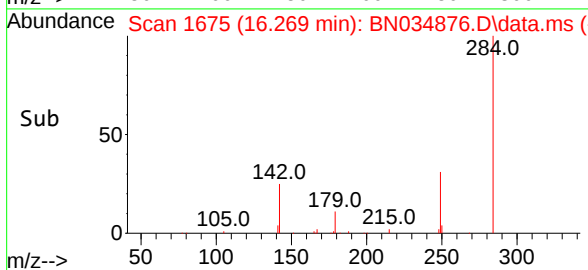
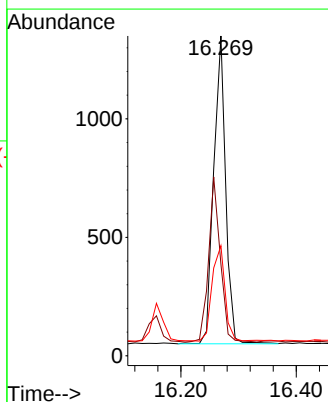
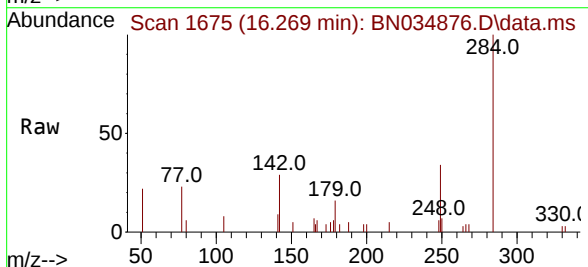
Manual Integrations
APPROVED

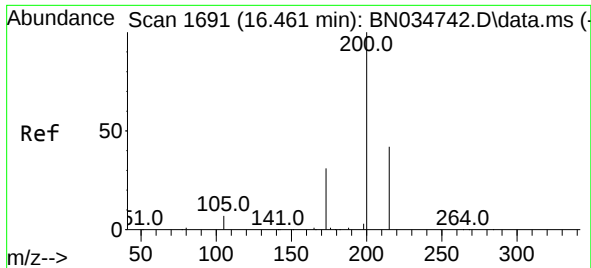
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#22
Hexachlorobenzene
Concen: 0.213 ng
RT: 16.269 min Scan# 1675
Delta R.T. -0.005 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Tgt Ion:284 Resp: 1860
Ion Ratio Lower Upper
284 100
142 52.3 35.4 53.0
249 33.2 25.7 38.5





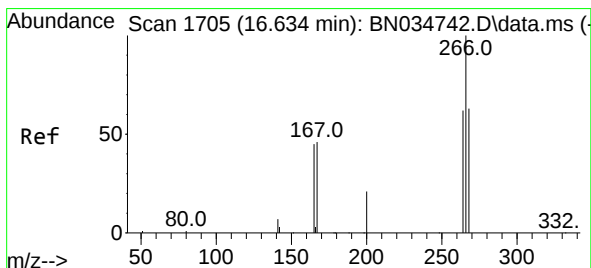
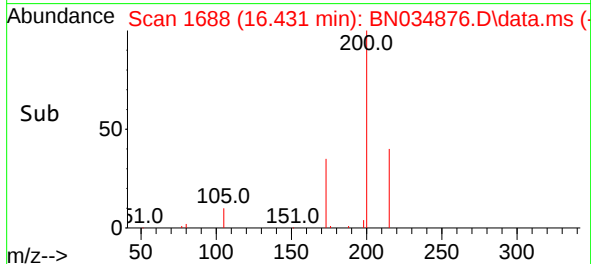
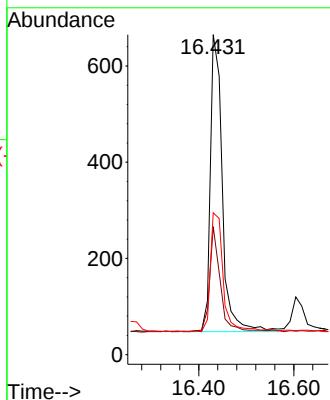
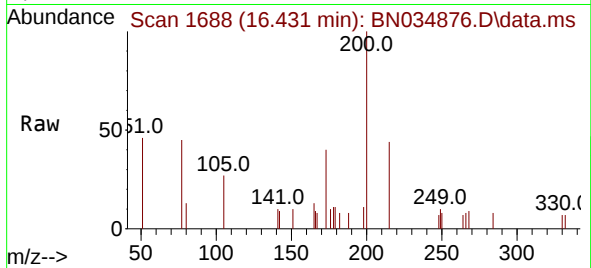
#23
Atrazine
Concen: 0.160 ng
RT: 16.431 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:200 Resp: 1079
Ion Ratio Lower Upper
200 100
173 40.0 25.8 38.6
215 44.4 34.2 51.4

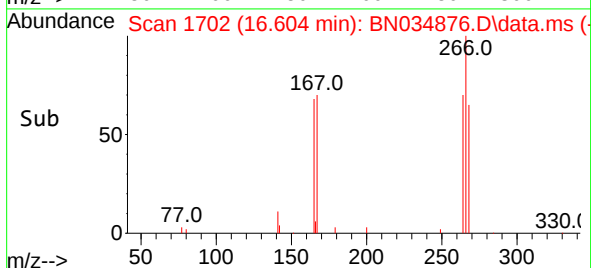
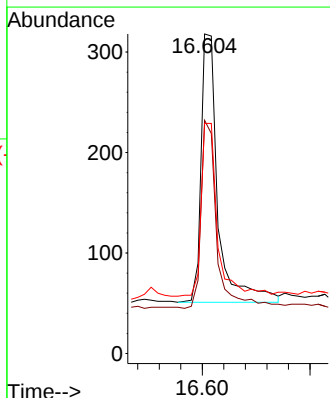
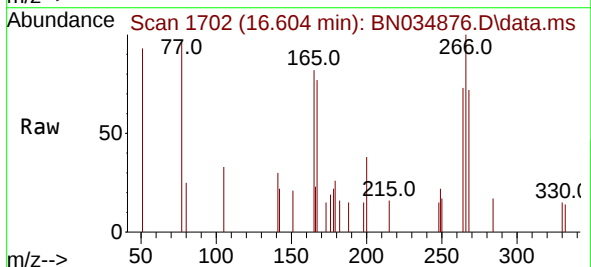
Manual Integrations
APPROVED

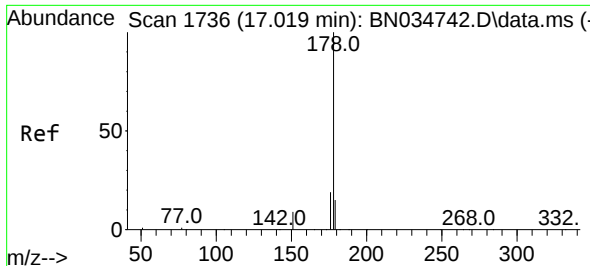
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#24
Pentachlorophenol
Concen: 0.155 ng
RT: 16.604 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

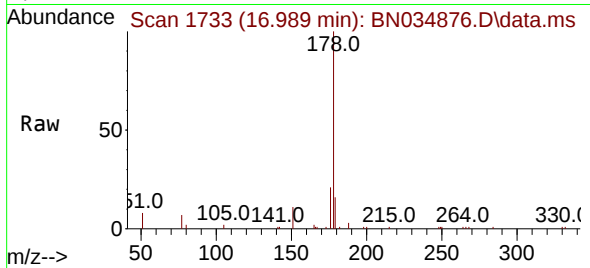
Tgt Ion:266 Resp: 582
Ion Ratio Lower Upper
266 100
264 66.0 48.7 73.1
268 62.9 50.2 75.4





#25
Phenanthrene
Concen: 0.228 ng
RT: 16.989 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

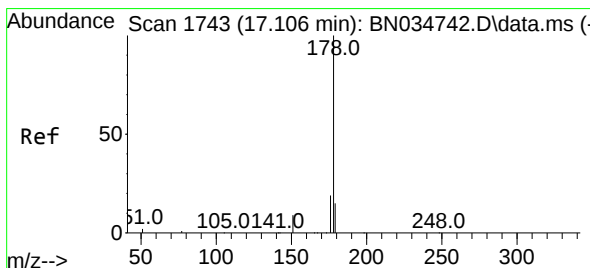
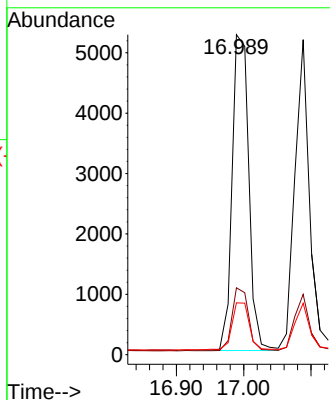
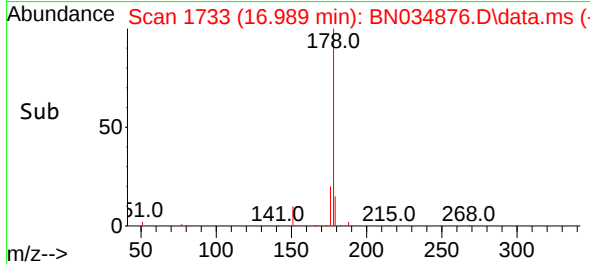
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:178 Resp: 904
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.7 12.2 18.4

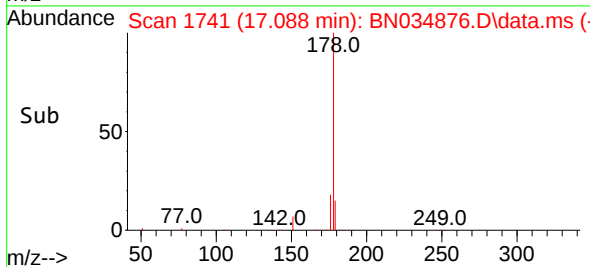
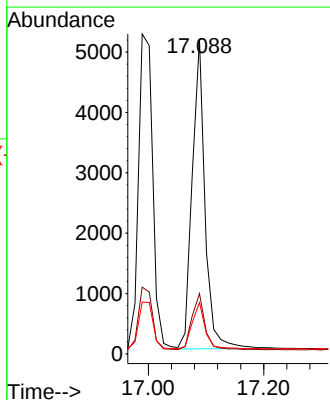
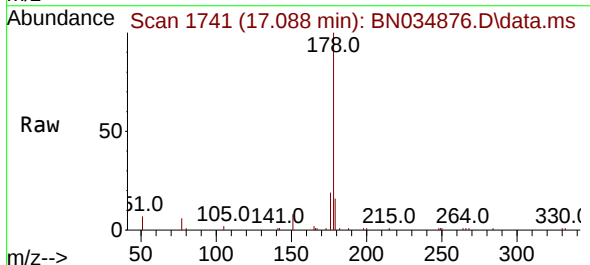
Manual Integrations
APPROVED

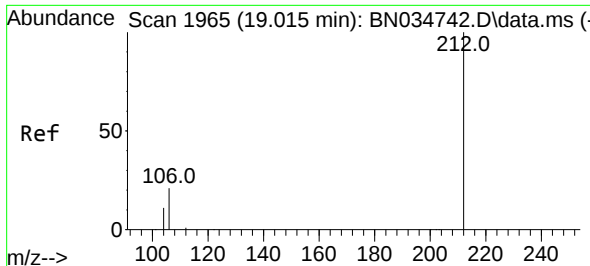
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#26
Anthracene
Concen: 0.213 ng
RT: 17.088 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

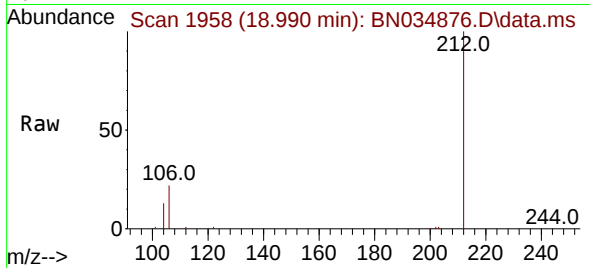
Tgt Ion:178 Resp: 7912
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.3 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.566 ng
RT: 18.990 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

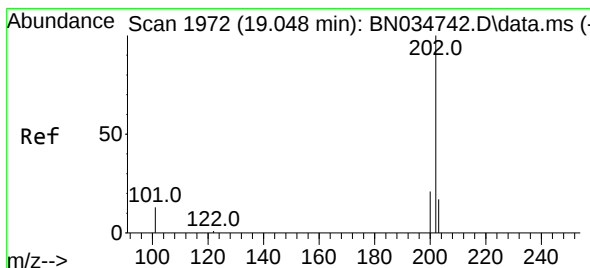
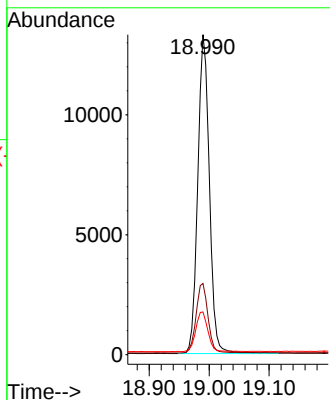
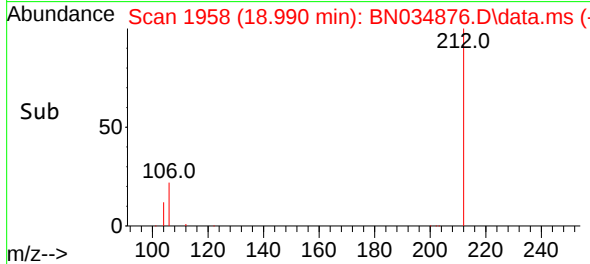
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:212 Resp: 17918
Ion Ratio Lower Upper
212 100
106 22.2 16.1 24.1
104 13.1 9.2 13.8

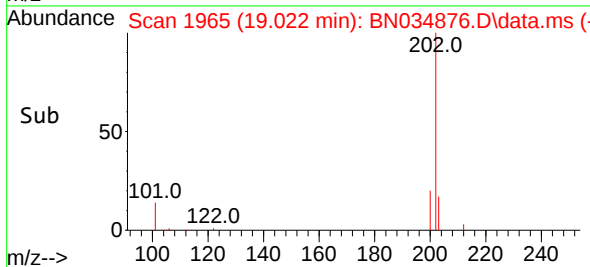
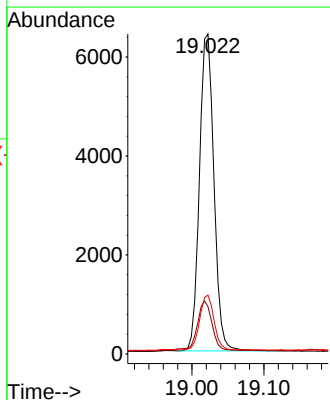
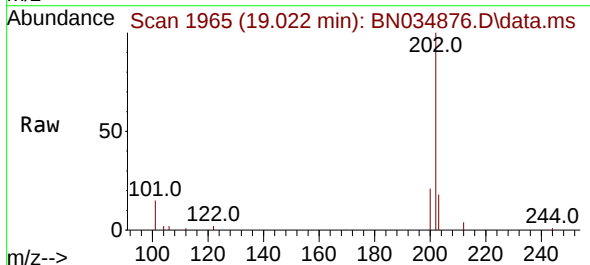
Manual Integrations
APPROVED

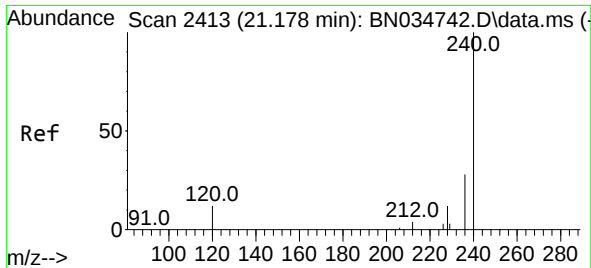
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#28
Fluoranthene
Concen: 0.205 ng
RT: 19.022 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

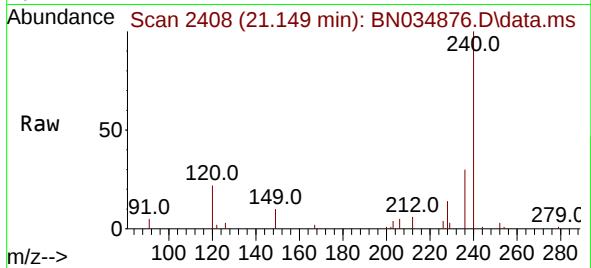
Tgt Ion:202 Resp: 8952
Ion Ratio Lower Upper
202 100
101 16.3 11.4 17.0
203 17.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.149 min Scan# 2413
Delta R.T. -0.011 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

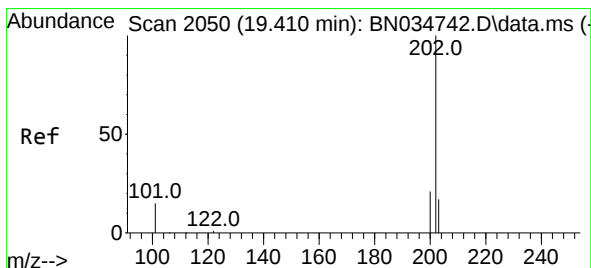
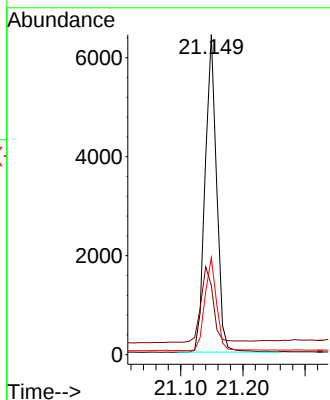
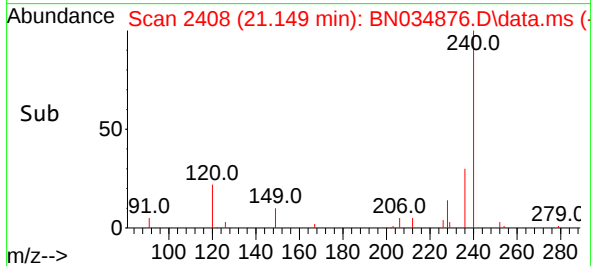
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:240 Resp: 822
Ion Ratio Lower Upper
240 100
120 21.6 11.5 17.3
236 30.3 23.2 34.8

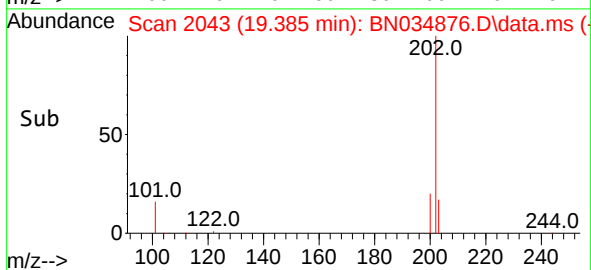
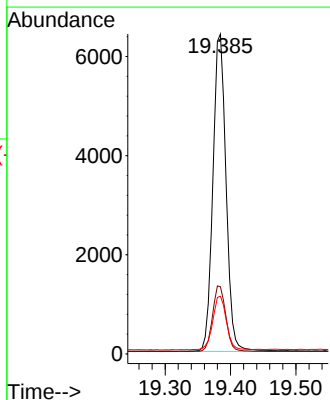
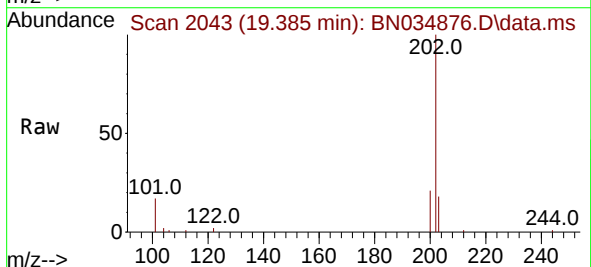
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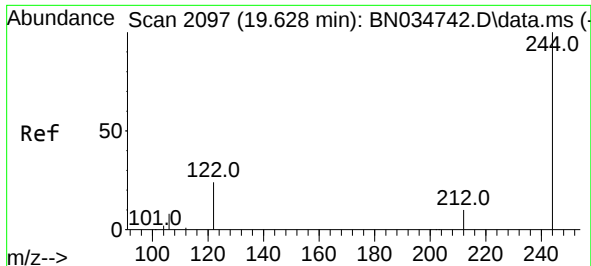
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#30
Pyrene
Concen: 0.207 ng
RT: 19.385 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

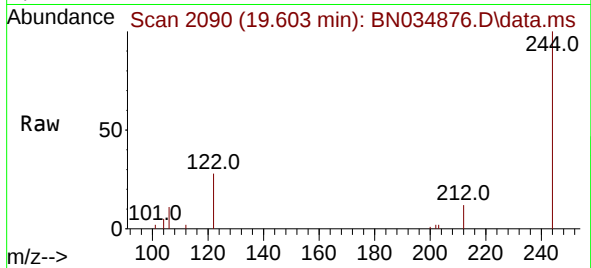
Tgt Ion:202 Resp: 8917
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.6 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.334 ng
 RT: 19.603 min Scan# 2406
 Delta R.T. -0.012 min
 Lab File: BN034876.D
 Acq: 06 Nov 2024 16:50

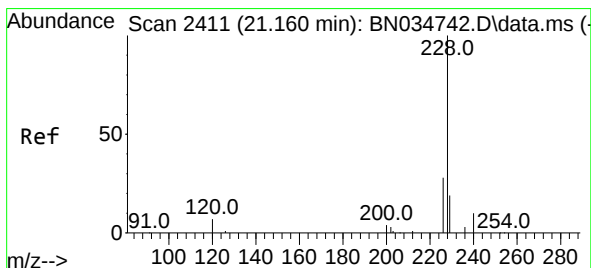
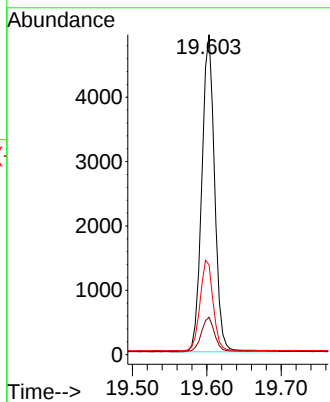
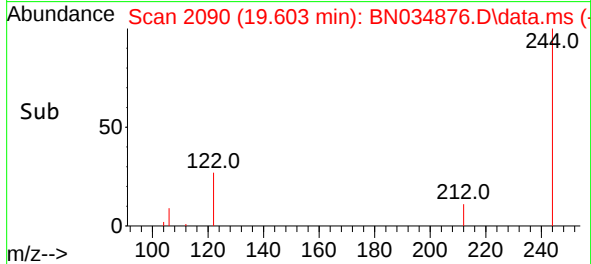
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024



Tgt Ion:244 Resp: 5890
 Ion Ratio Lower Upper
 244 100
 212 11.7 8.2 12.4
 122 28.0 19.8 29.6

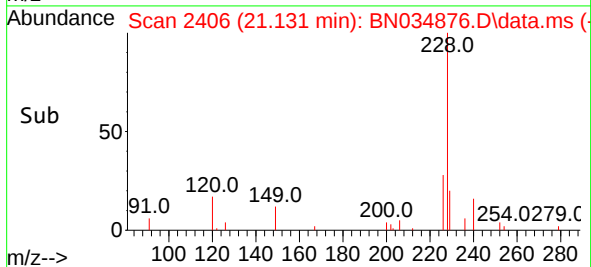
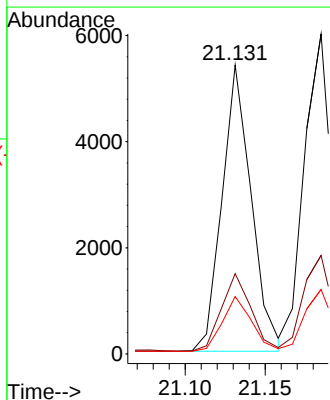
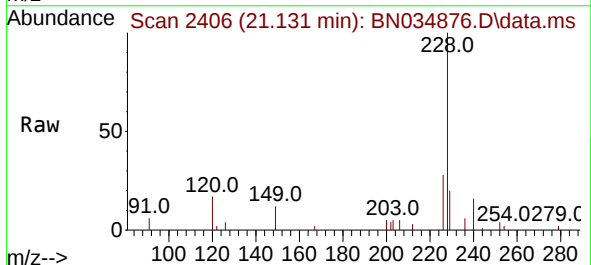
Manual Integrations
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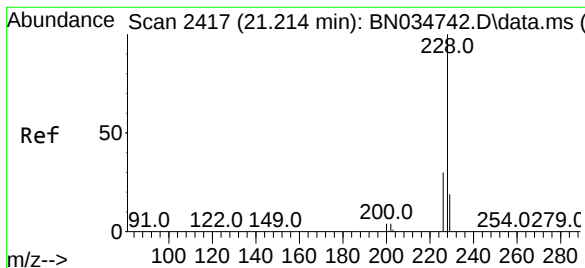
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#32
 Benzo(a)anthracene
 Concen: 0.209 ng
 RT: 21.131 min Scan# 2406
 Delta R.T. -0.011 min
 Lab File: BN034876.D
 Acq: 06 Nov 2024 16:50

Tgt Ion:228 Resp: 6850
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 33.8
 229 19.9 15.7 23.5





#33

Chrysene

Concen: 0.233 ng

RT: 21.185 min Scan# 2412

Delta R.T. -0.011 min

Lab File: BN034876.D

Acq: 06 Nov 2024 16:50

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024

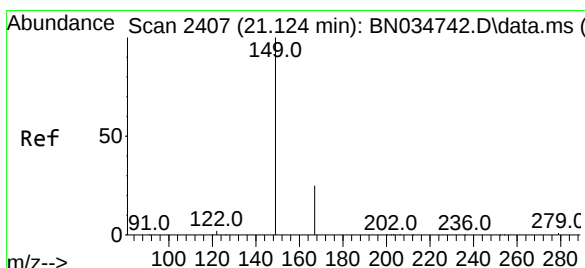
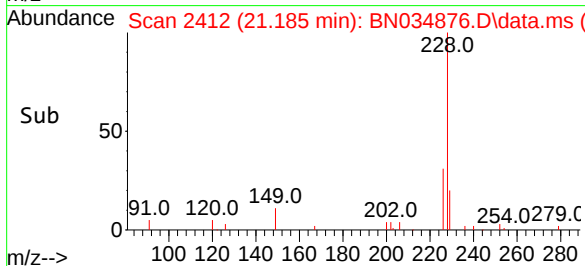
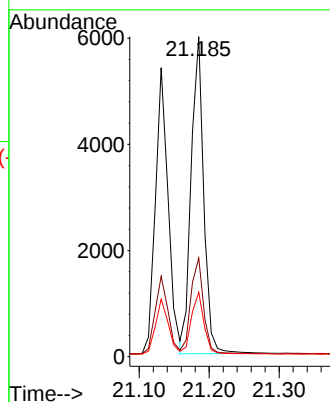
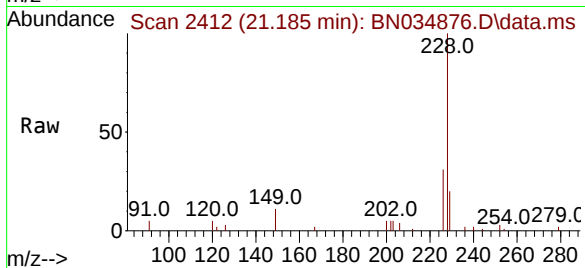
Tgt Ion:	228	Resp:	7460
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	20.1	15.6	23.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.143 ng m

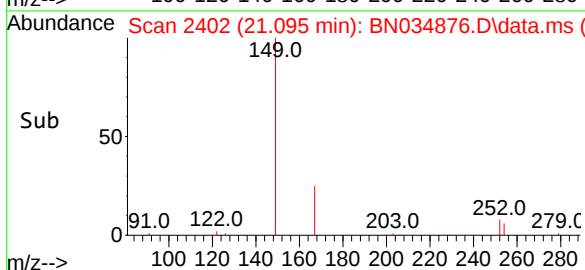
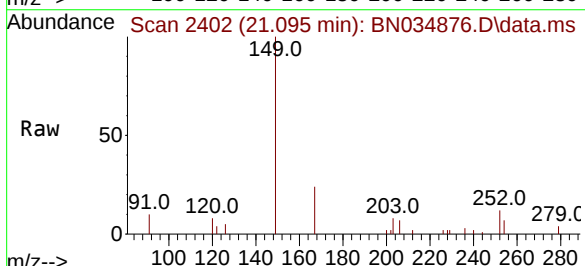
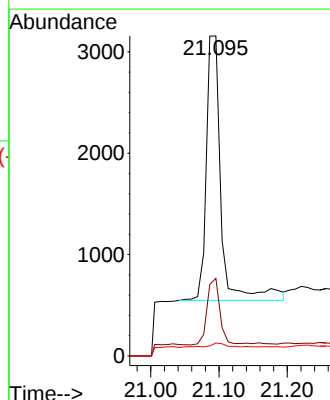
RT: 21.095 min Scan# 2402

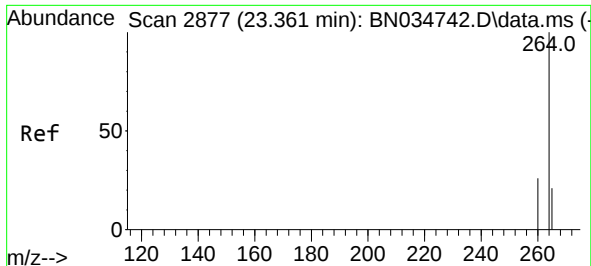
Delta R.T. -0.011 min

Lab File: BN034876.D

Acq: 06 Nov 2024 16:50

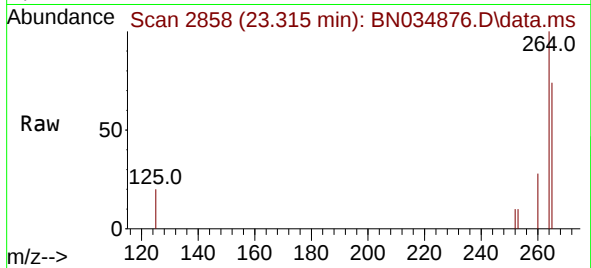
Tgt Ion:	149	Resp:	3904
Ion	Ratio	Lower	Upper
149	100		
167	21.9	20.6	30.8
279	2.2	1.5	2.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.315 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BN034876.D
 Acq: 06 Nov 2024 16:50

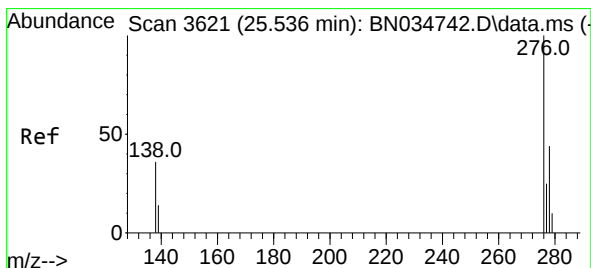
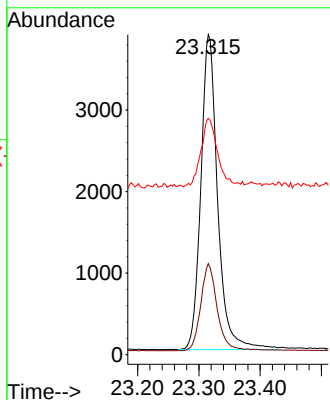
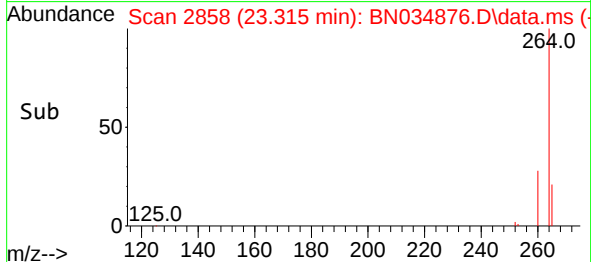
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024



Tgt Ion:264 Resp: 7354
 Ion Ratio Lower Upper
 264 100
 260 28.4 21.5 32.3
 265 73.9 47.5 71.3

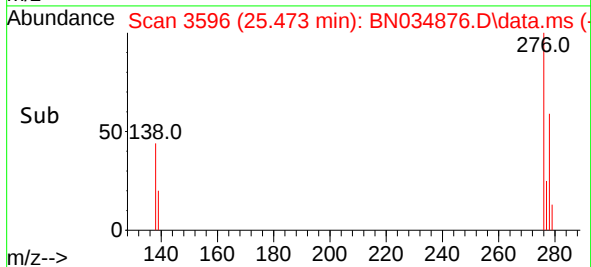
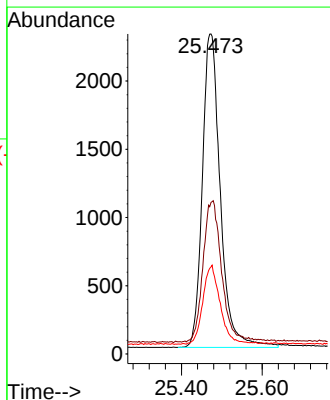
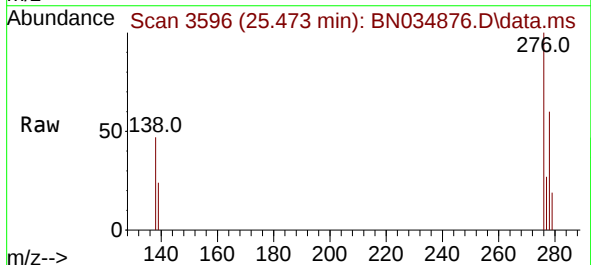
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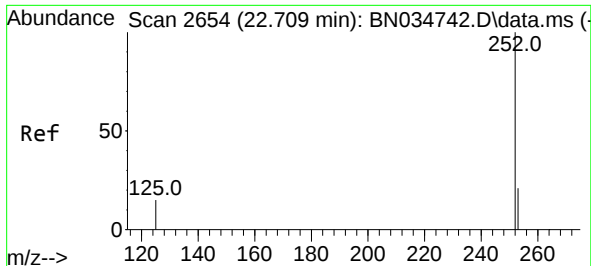
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.263 ng
 RT: 25.473 min Scan# 3596
 Delta R.T. -0.031 min
 Lab File: BN034876.D
 Acq: 06 Nov 2024 16:50

Tgt Ion:276 Resp: 7117
 Ion Ratio Lower Upper
 276 100
 138 46.2 31.5 47.3
 277 24.2 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.239 ng

RT: 22.672 min Scan# 2638

Delta R.T. -0.017 min

Lab File: BN034876.D

Acq: 06 Nov 2024 16:50

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024

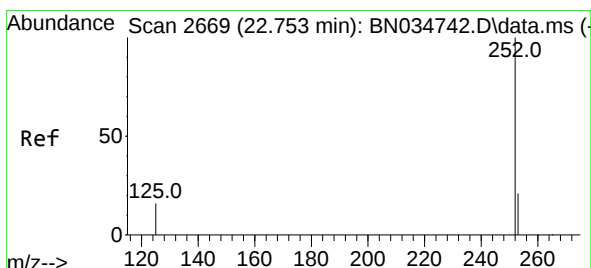
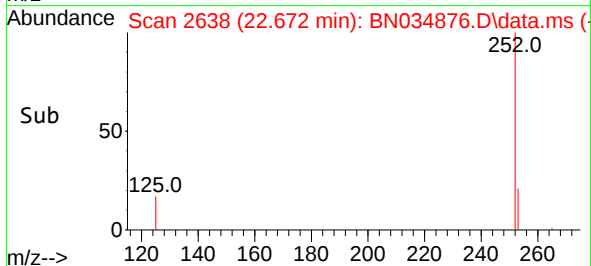
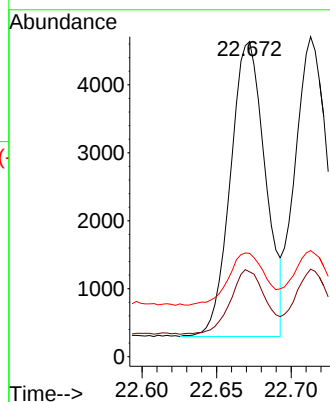
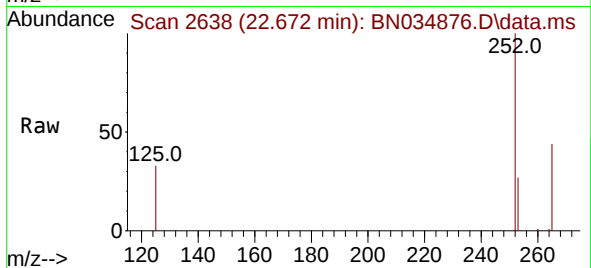
Tgt Ion:	252	Resp:	707
Ion Ratio	Lower	Upper	
252	100		
253	26.9	19.7	29.5
125	32.8	17.1	25.7

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#38

Benzo(k)fluoranthene

Concen: 0.243 ng

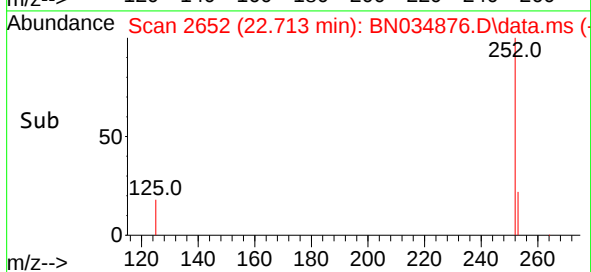
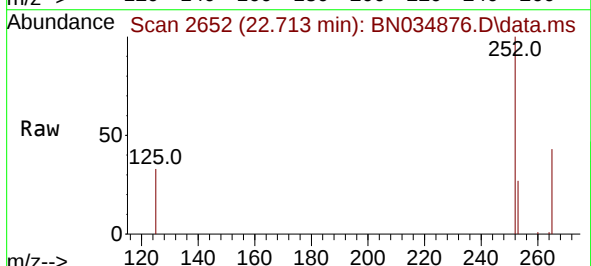
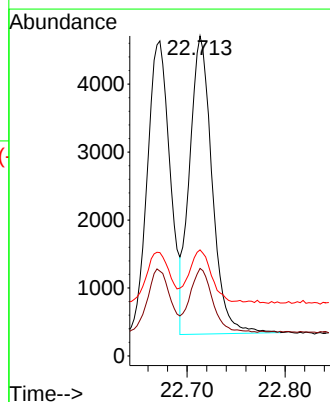
RT: 22.713 min Scan# 2652

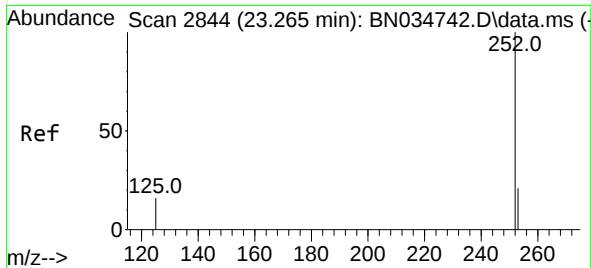
Delta R.T. -0.017 min

Lab File: BN034876.D

Acq: 06 Nov 2024 16:50

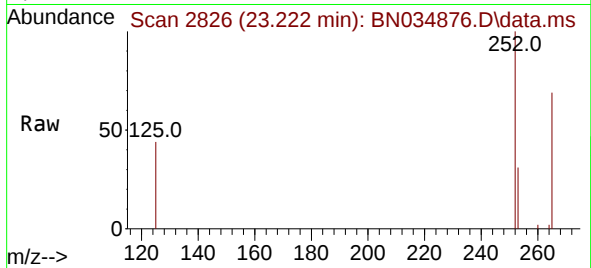
Tgt Ion:	252	Resp:	7007
Ion Ratio	Lower	Upper	
252	100		
253	27.4	19.8	29.6
125	33.1	18.2	27.2





#39
Benzo(a)pyrene
Concen: 0.216 ng
RT: 23.222 min Scan# 21
Delta R.T. -0.020 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

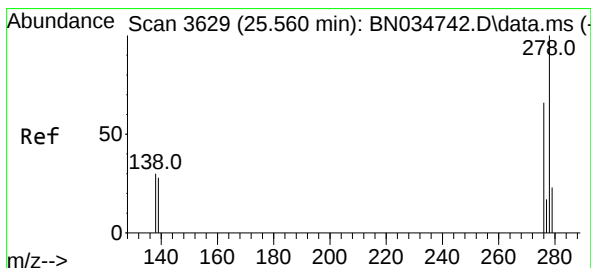
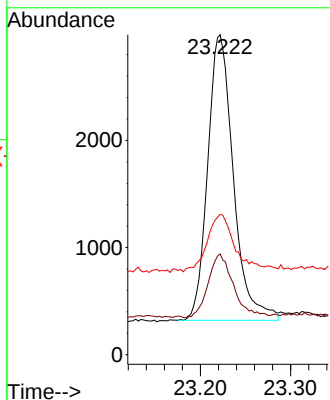
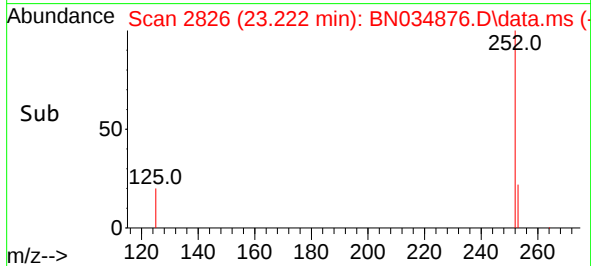
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:252 Resp: 527
Ion Ratio Lower Upper
252 100
253 31.5 20.7 31.1
125 43.9 20.3 30.5

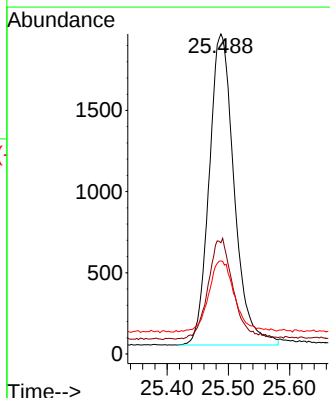
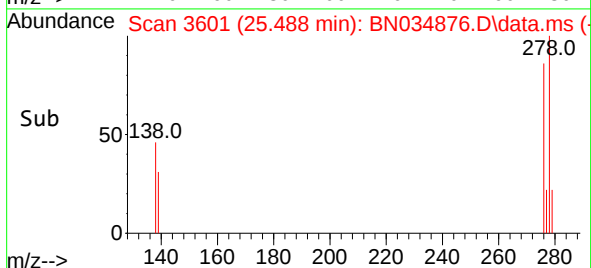
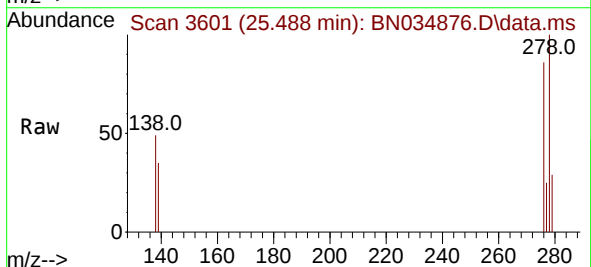
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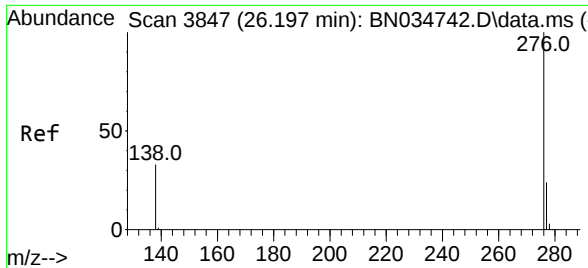
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.258 ng
RT: 25.488 min Scan# 3601
Delta R.T. -0.037 min
Lab File: BN034876.D
Acq: 06 Nov 2024 16:50

Tgt Ion:278 Resp: 5442
Ion Ratio Lower Upper
278 100
139 34.8 24.9 37.3
279 29.1 21.0 31.4





#41

Benzo(g,h,i)perylene

Concen: 0.273 ng

RT: 26.125 min Scan# 3819

Delta R.T. -0.040 min

Lab File: BN034876.D

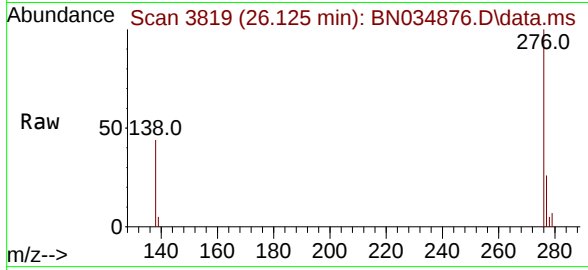
Acq: 06 Nov 2024 16:50

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024



Tgt Ion:276 Resp: 6234

Ion Ratio Lower Upper

276 100

277 26.1 20.2 30.2

138 44.1 28.7 43.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024

