

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
 Data File : BN033350.D
 Acq On : 12 Aug 2024 14:11
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOQ-SOIL-0.2ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Aug 12 15:02:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 12 01:09:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4236	0.400	ng	0.00
7) Naphthalene-d8	10.338	136	11854	0.400	ng	0.00
13) Acenaphthene-d10	14.212	164	7019	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	17370	0.400	ng	0.00
29) Chrysene-d12	21.166	240	14213	0.400	ng	0.00
35) Perylene-d12	23.349	264	14613	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	3485	0.298	ng	0.00
5) Phenol-d6	6.749	99	5112	0.323	ng	0.00
8) Nitrobenzene-d5	8.704	82	3253	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	10071	0.552	ng	0.00
14) 2,4,6-Tribromophenol	15.705	330	1011	0.281	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	10280	0.357	ng	0.00
27) Fluoranthene-d10	18.997	212	26264	0.566	ng	0.00
31) Terphenyl-d14	19.615	244	9950	0.371	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	1050m	0.223	ng	
3) n-Nitrosodimethylamine	3.485	42	1360	0.224	ng	93
6) bis(2-Chloroethyl)ether	7.009	93	2871	0.224	ng	97
9) Naphthalene	10.391	128	7230	0.221	ng	99
10) Hexachlorobutadiene	10.690	225	1363	0.219	ng	# 98
12) 2-Methylnaphthalene	12.011	142	4807	0.218	ng	98
16) Acenaphthylene	13.924	152	7095	0.217	ng	100
17) Acenaphthene	14.276	154	4799	0.213	ng	98
18) Fluorene	15.260	166	6357	0.214	ng	99
20) 4,6-Dinitro-2-methylph...	15.335	198	360	0.171	ng	# 23
21) 4-Bromophenyl-phenylether	16.164	248	2110	0.203	ng	92
22) Hexachlorobenzene	16.275	284	2514	0.216	ng	97
23) Atrazine	16.437	200	1515	0.184	ng	# 88
24) Pentachlorophenol	16.611	266	857	0.182	ng	99
25) Phenanthrene	16.995	178	11033	0.220	ng	99
26) Anthracene	17.095	178	9451	0.213	ng	99
28) Fluoranthene	19.030	202	12672	0.205	ng	99
30) Pyrene	19.392	202	12485	0.221	ng	100
32) Benzo(a)anthracene	21.148	228	10644	0.200	ng	99
33) Chrysene	21.201	228	12029	0.225	ng	100
34) Bis(2-ethylhexyl)phtha...	21.130	149	4586	0.190	ng	99
36) Indeno(1,2,3-cd)pyrene	25.521	276	10530	0.174	ng	97
37) Benzo(b)fluoranthene	22.703	252	11144	0.203	ng	95
38) Benzo(k)fluoranthene	22.744	252	12111m	0.216	ng	
39) Benzo(a)pyrene	23.253	252	8592	0.185	ng	# 92
40) Dibenzo(a,h)anthracene	25.542	278	8361	0.175	ng	94
41) Benzo(g,h,i)perylene	26.176	276	9395	0.178	ng	96

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

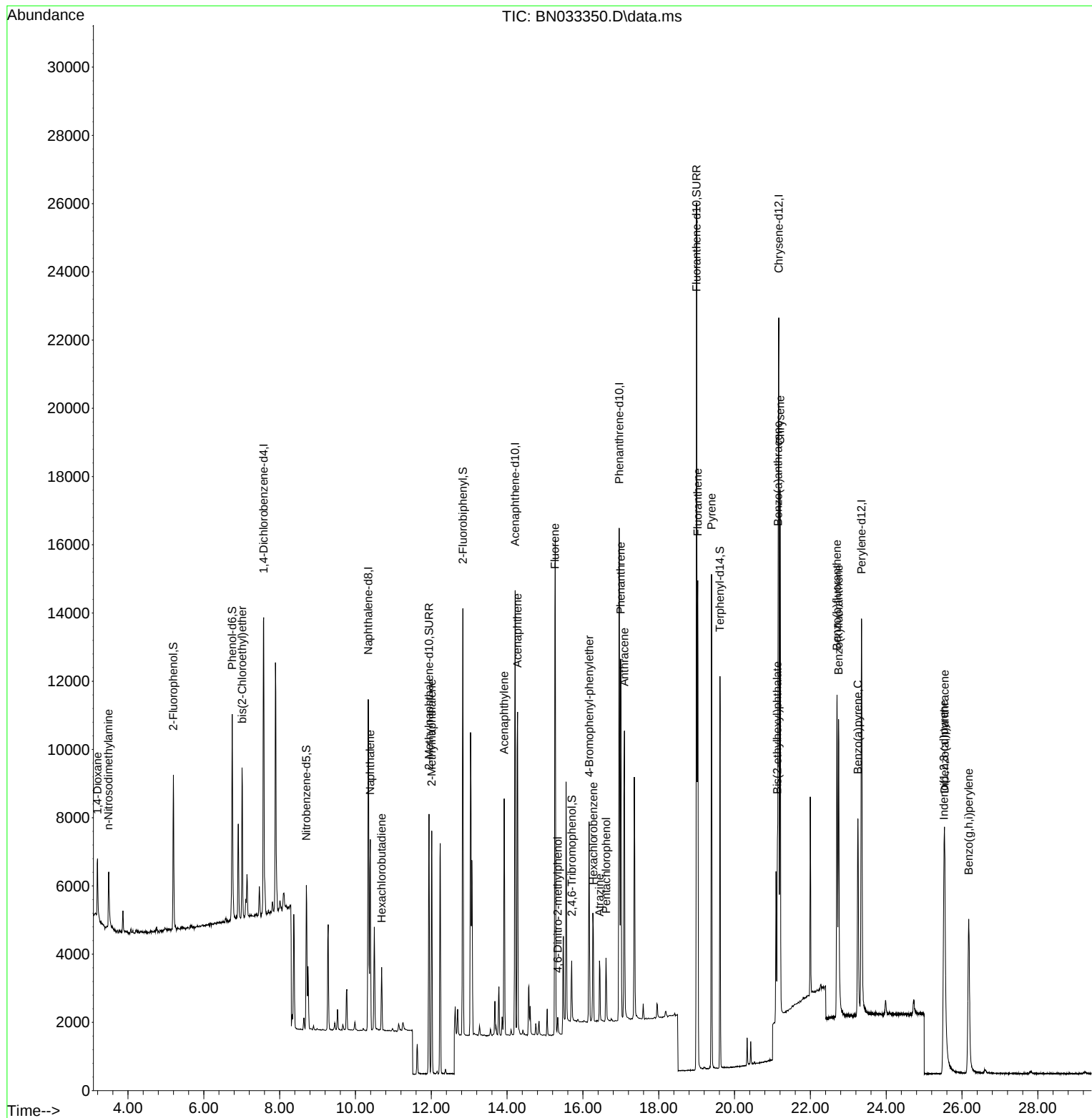
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
 Data File : BN033350.D
 Acq On : 12 Aug 2024 14:11
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOQ-SOIL-0.2ng
 ALS Vial : 8 Sample Multiplier: 1

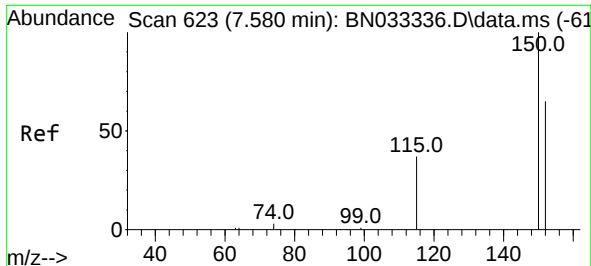
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Aug 12 15:02:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 12 01:09:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

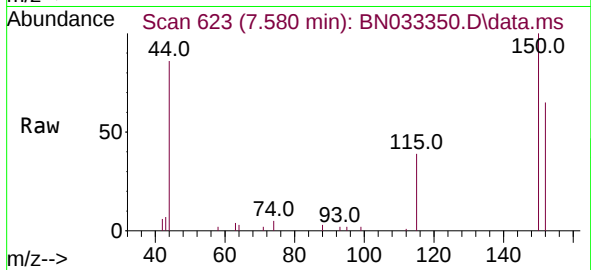
Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.580 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

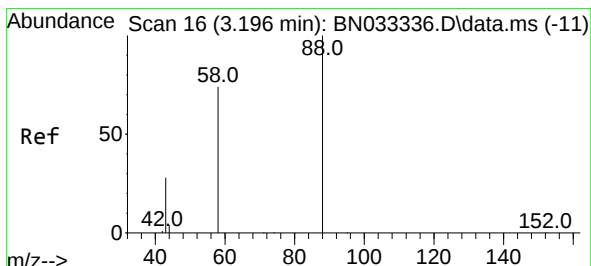
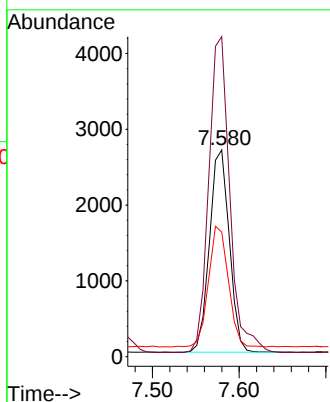
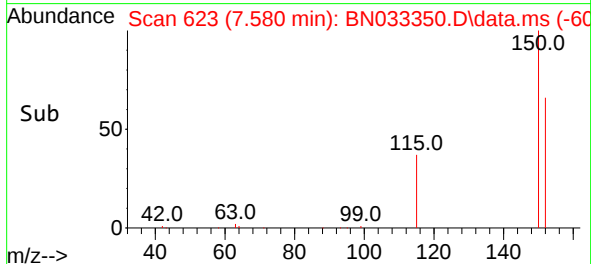
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:152 Resp: 4230
Ion Ratio Lower Upper
152 100
150 154.8 122.3 183.5
115 60.3 48.8 73.2

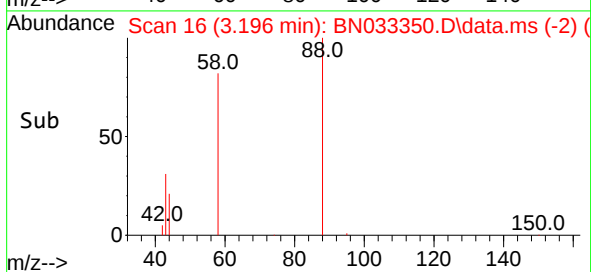
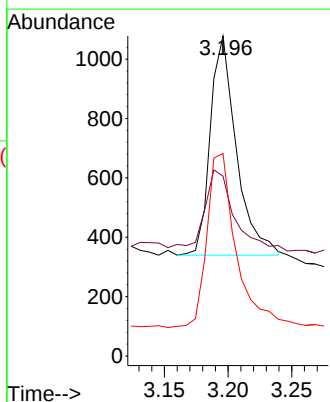
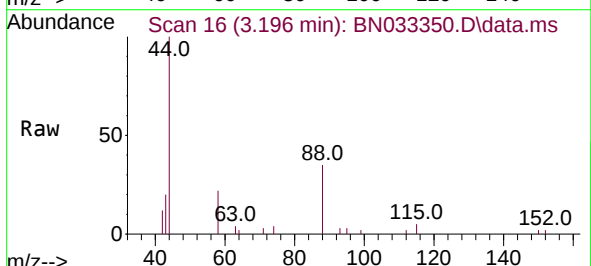
Manual Integrations
APPROVED

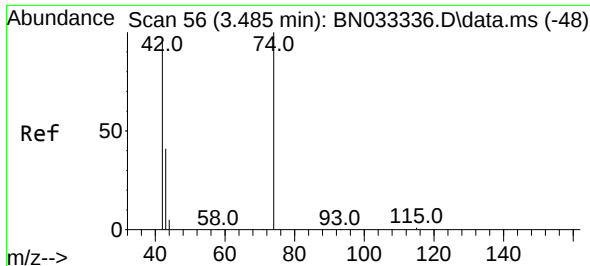
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#2
1,4-Dioxane
Concen: 0.223 ng m
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

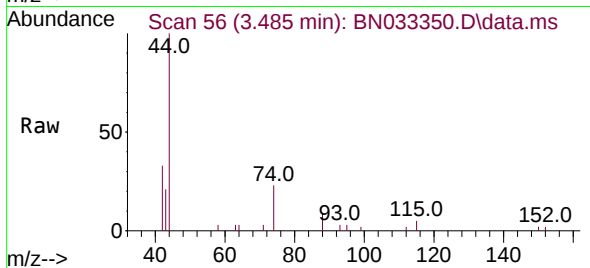
Tgt Ion: 88 Resp: 1050
Ion Ratio Lower Upper
88 100
43 45.1 30.6 46.0
58 90.4 64.5 96.7





#3
n-Nitrosodimethylamine
Concen: 0.224 ng
RT: 3.485 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

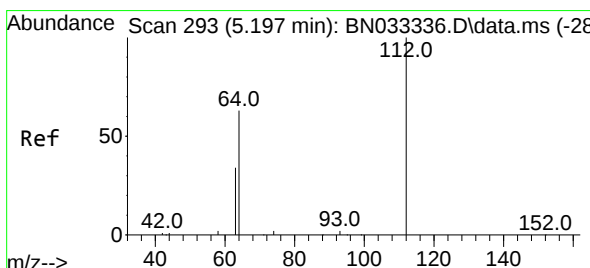
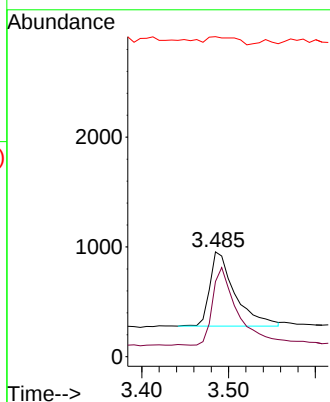
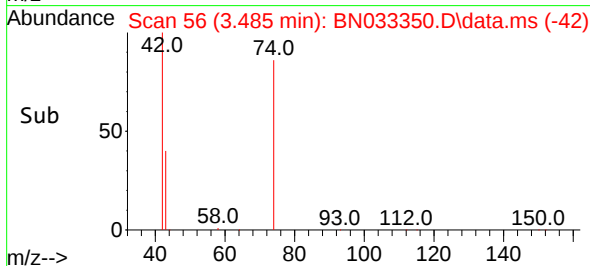
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 42 Resp: 1360
Ion Ratio Lower Upper
42 100
74 103.7 89.0 133.6
44 12.2 11.0 16.4

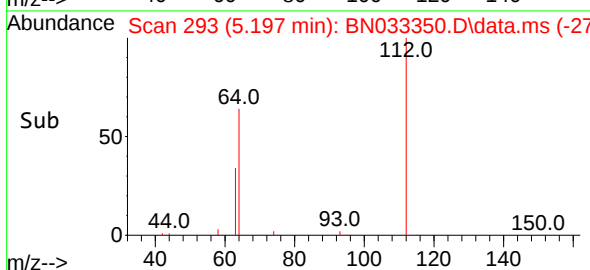
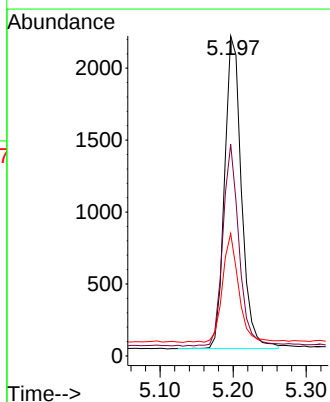
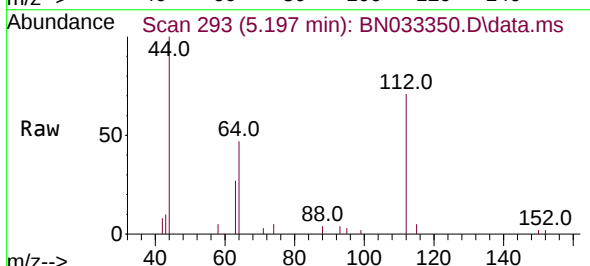
Manual Integrations
APPROVED

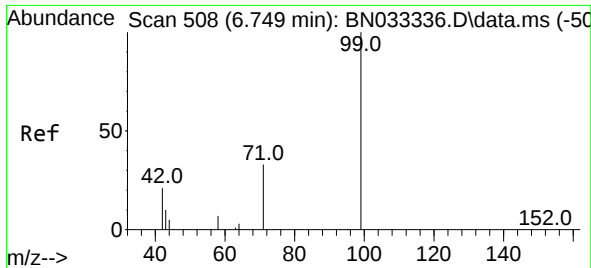
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.197 min Scan# 293
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

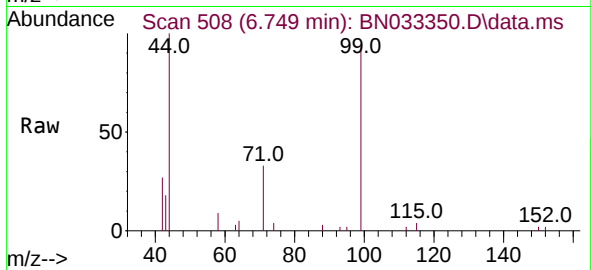
Tgt Ion:112 Resp: 3485
Ion Ratio Lower Upper
112 100
64 62.2 48.1 72.1
63 33.6 25.4 38.2





#5
Phenol-d6
Concen: 0.323 ng
RT: 6.749 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

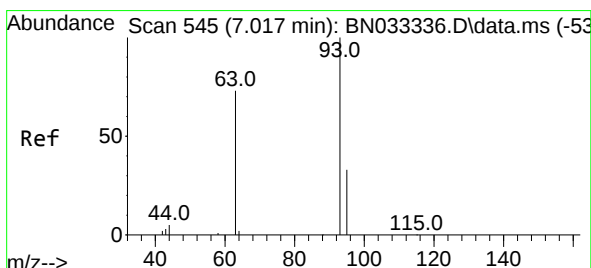
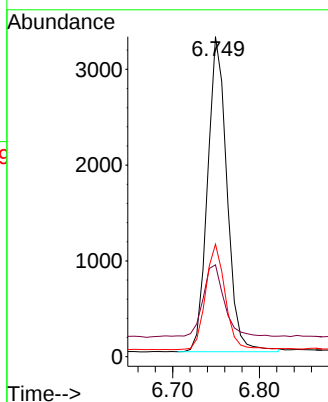
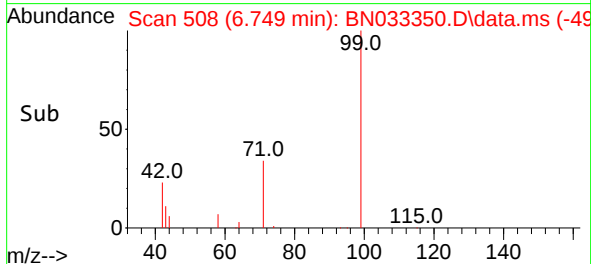
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 99 Resp: 511
Ion Ratio Lower Upper
99 100
42 26.3 18.5 27.7
71 33.9 26.2 39.2

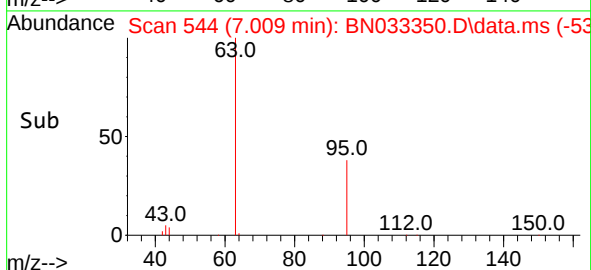
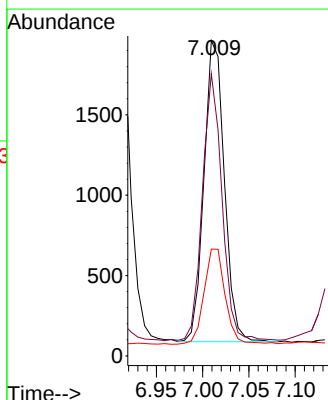
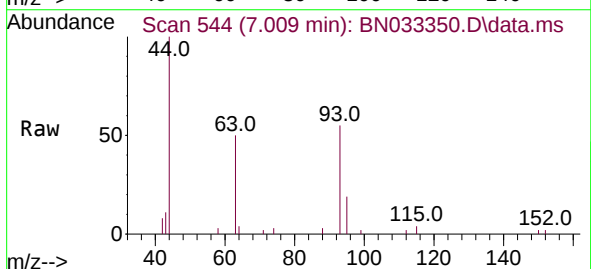
Manual Integrations
APPROVED

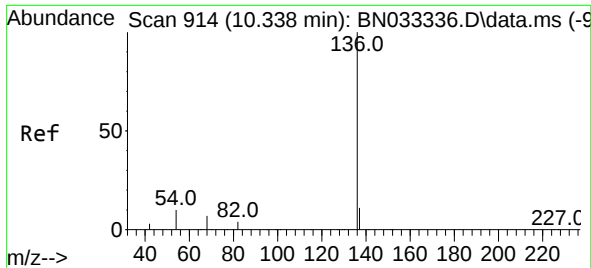
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.224 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

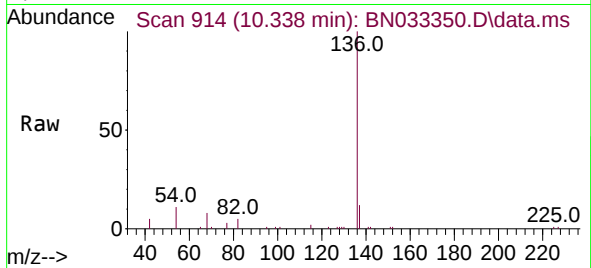
Tgt Ion: 93 Resp: 2871
Ion Ratio Lower Upper
93 100
63 85.1 65.2 97.8
95 33.1 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.338 min Scan# 914
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

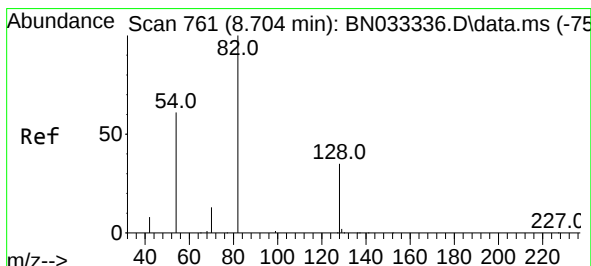
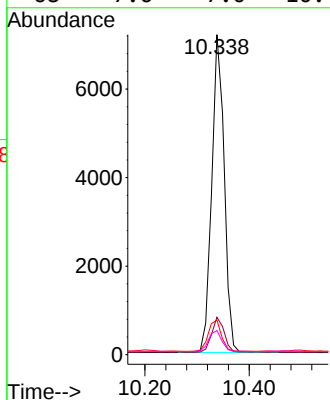
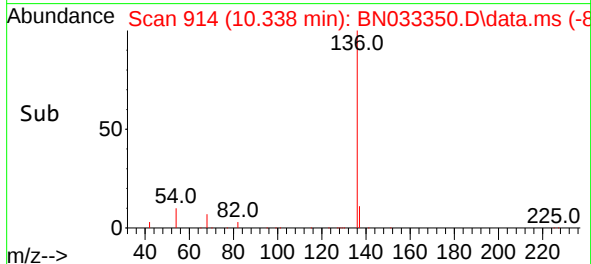
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.9	9.4	14.0
68	7.6	7.0	10.4

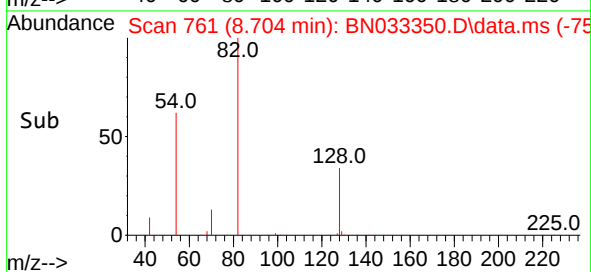
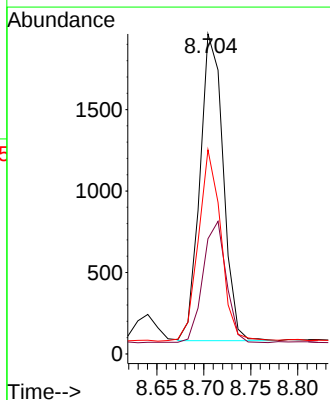
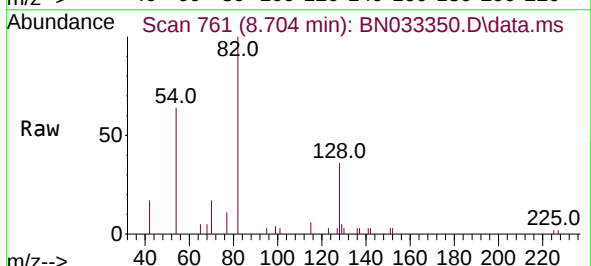
Manual Integrations
APPROVED

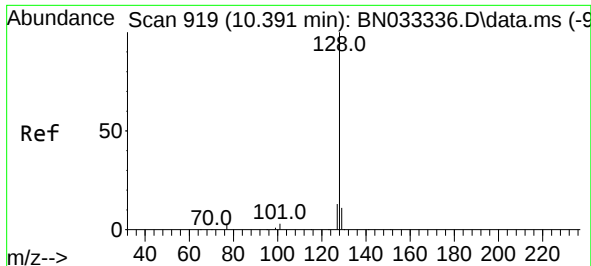
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.704 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.0	43.4
54	63.8	50.2	75.4





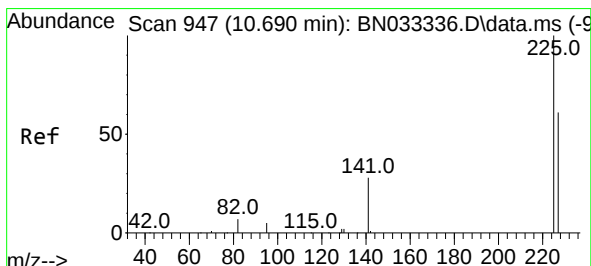
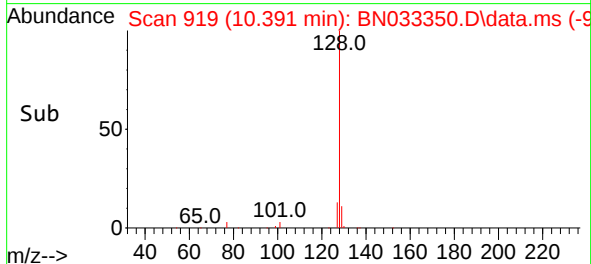
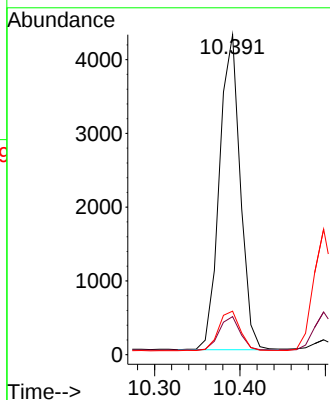
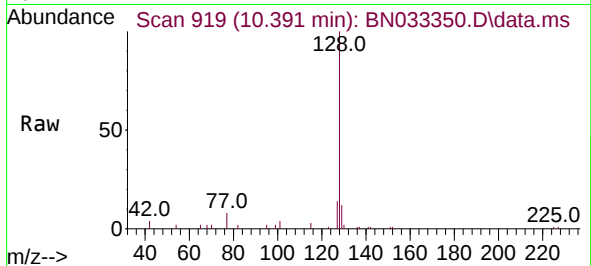
#9
Naphthalene
Concen: 0.221 ng
RT: 10.391 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion:128 Resp: 7230
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.6 15.8

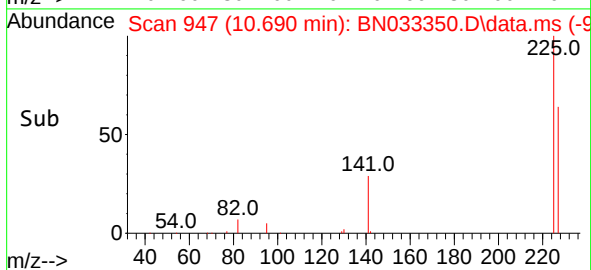
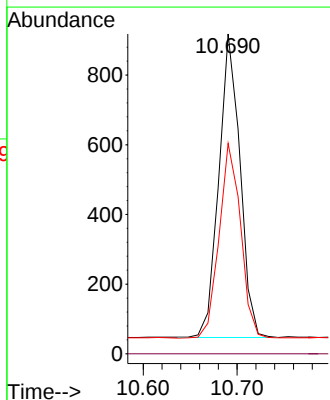
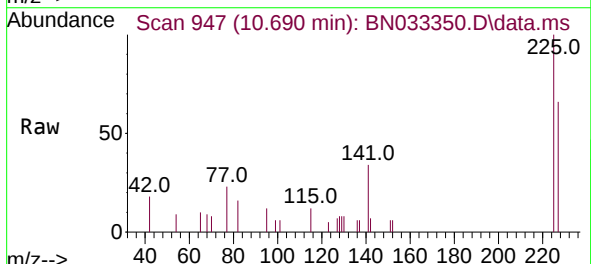
Manual Integrations
APPROVED

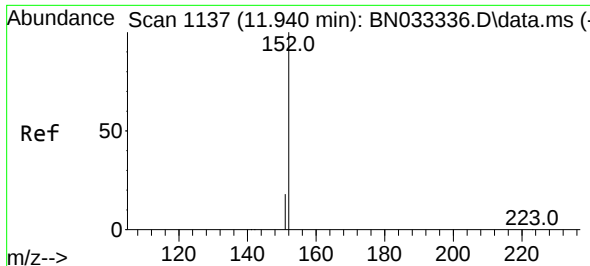
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Hexachlorobutadiene
Concen: 0.219 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

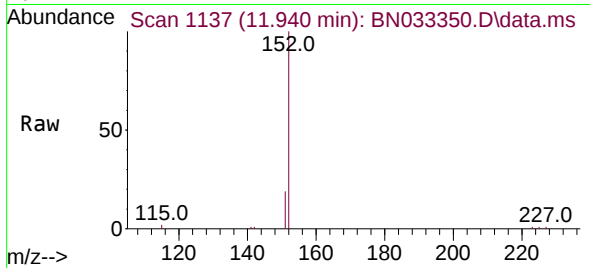
Tgt Ion:225 Resp: 1363
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.2 50.8 76.2





#11
2-Methylnaphthalene-d10
Concen: 0.552 ng
RT: 11.940 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

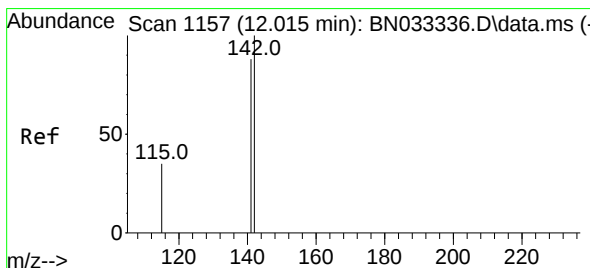
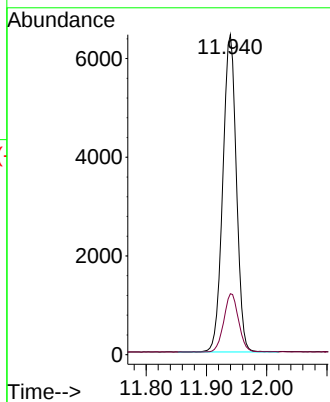
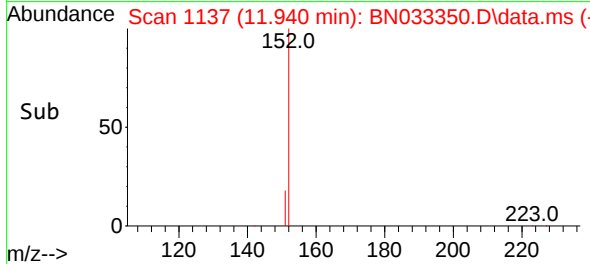
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



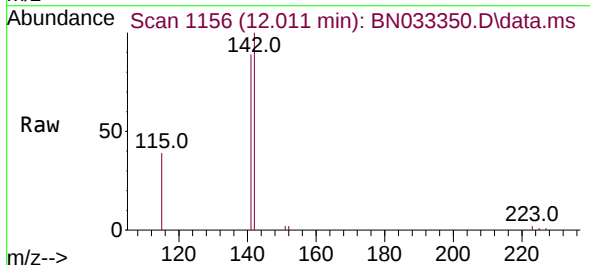
Tgt Ion:152 Resp: 1007
Ion Ratio Lower Upper
152 100
151 19.9 16.7 25.1

Manual Integrations
APPROVED

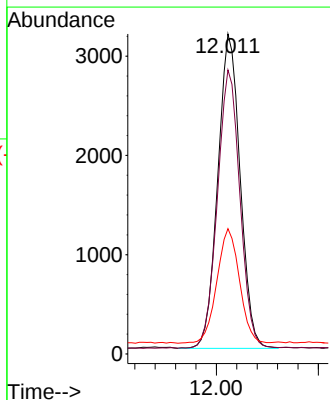
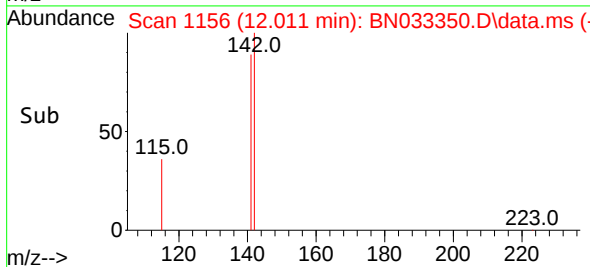
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

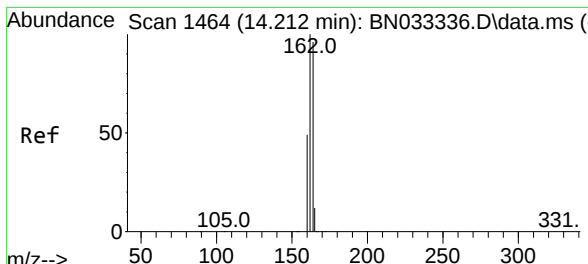


#12
2-Methylnaphthalene
Concen: 0.218 ng
RT: 12.011 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11



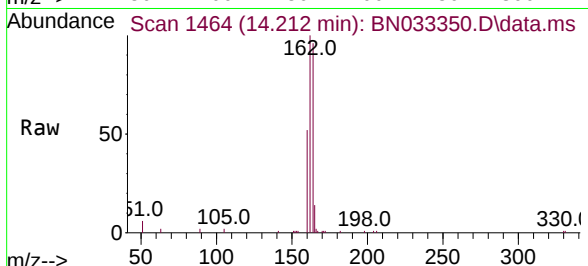
Tgt Ion:142 Resp: 4807
Ion Ratio Lower Upper
142 100
141 88.8 70.2 105.4
115 39.1 29.3 43.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

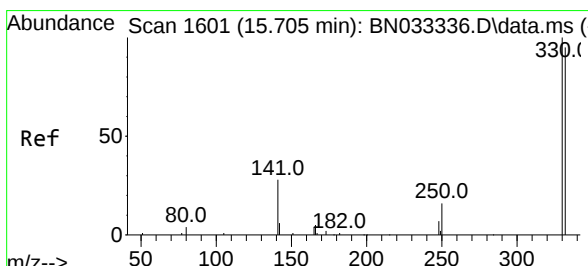
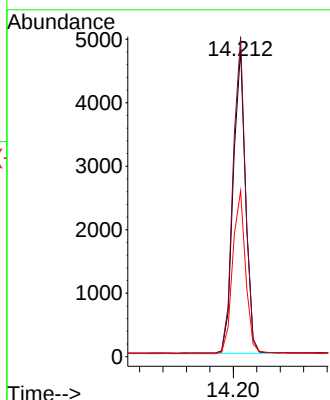
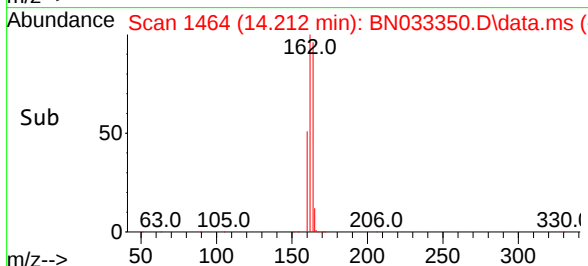
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



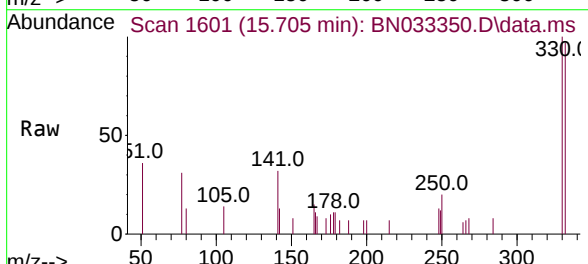
Tgt Ion:164 Resp: 7019
Ion Ratio Lower Upper
164 100
162 104.0 83.1 124.7
160 53.9 41.1 61.7

Manual Integrations
APPROVED

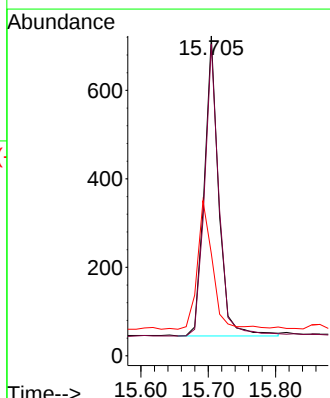
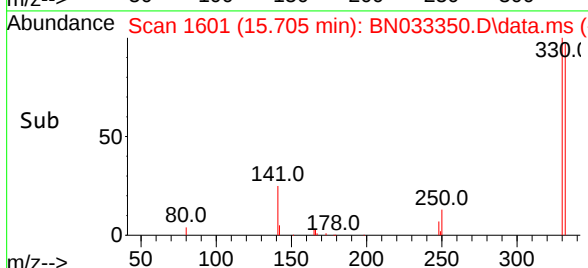
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

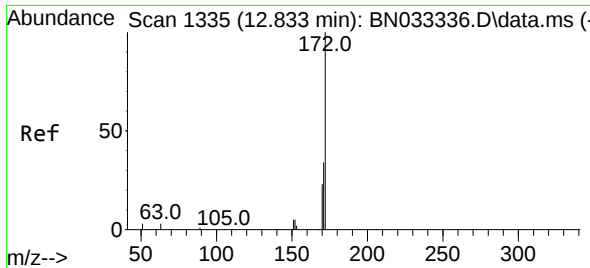


#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.705 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11



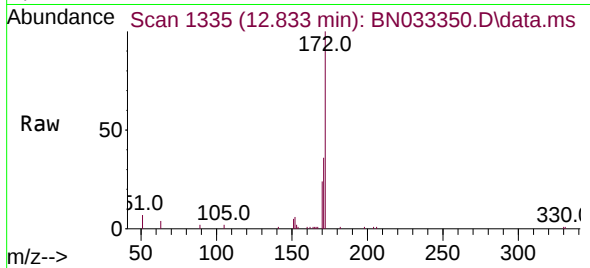
Tgt Ion:330 Resp: 1011
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 45.6 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

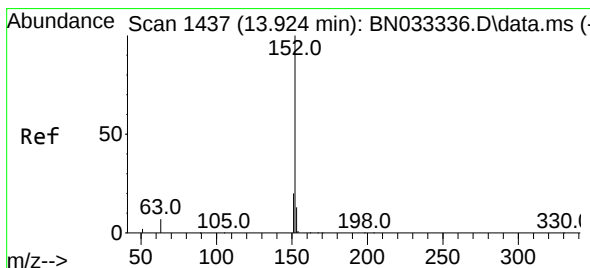
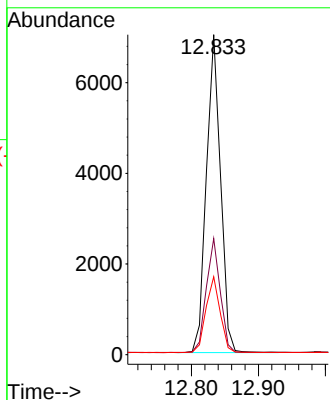
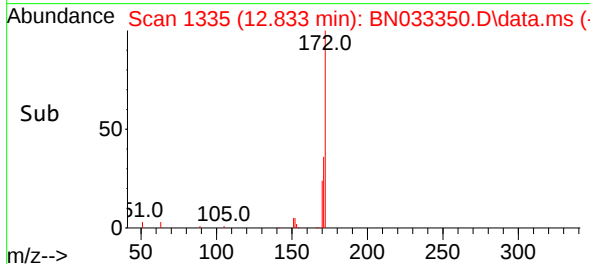
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



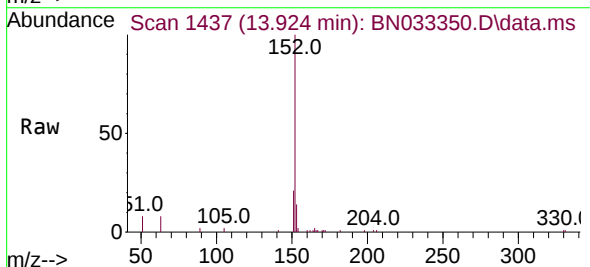
Tgt Ion:172 Resp: 10280
Ion Ratio Lower Upper
172 100
171 36.3 27.8 41.8
170 24.4 18.7 28.1

Manual Integrations
APPROVED

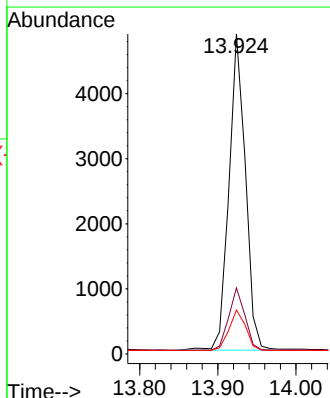
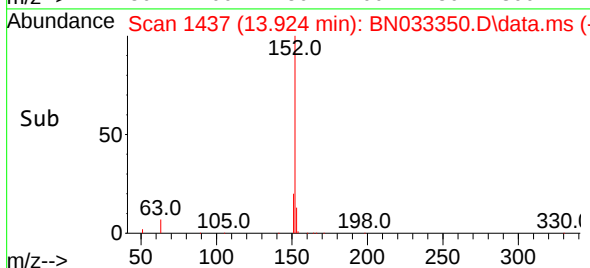
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

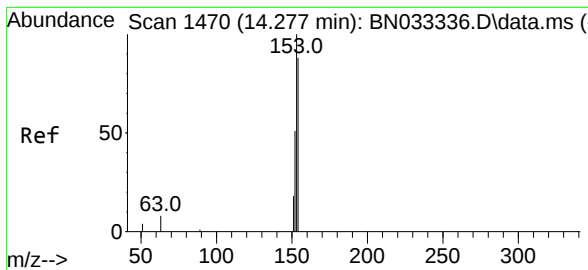


#16
Acenaphthylene
Concen: 0.217 ng
RT: 13.924 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11



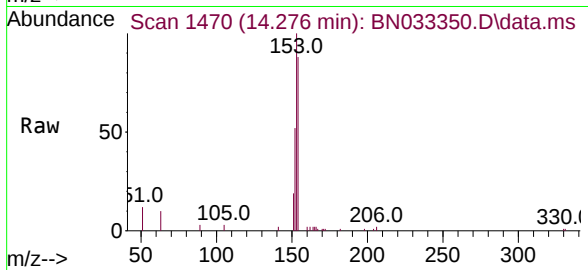
Tgt Ion:152 Resp: 7095
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.4 15.6





#17
Acenaphthene
Concen: 0.213 ng
RT: 14.276 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

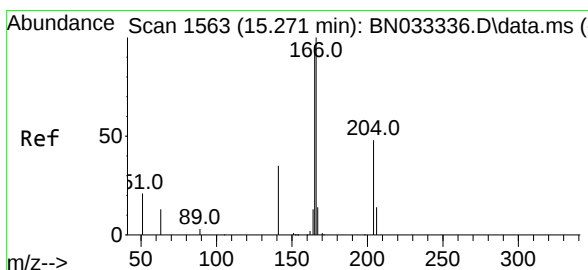
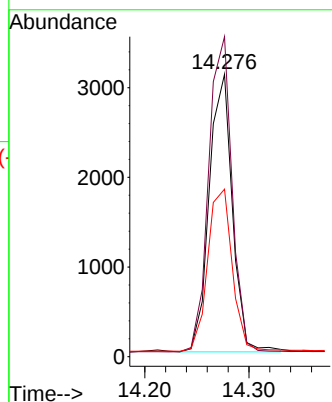
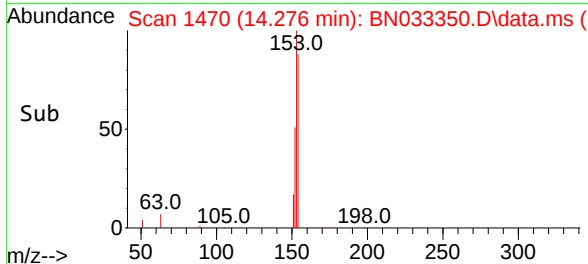
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT3-2024



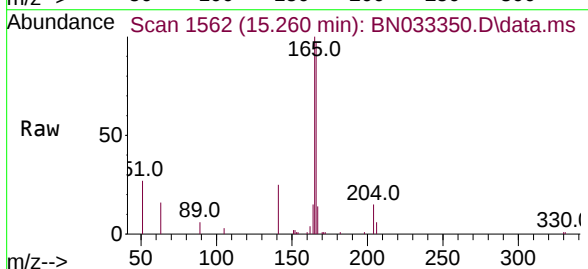
Tgt Ion:154 Resp: 4799
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 61.7 47.2 70.8

Manual Integrations
APPROVED

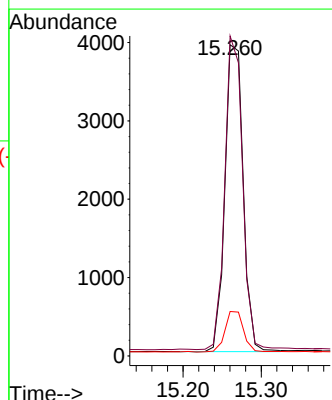
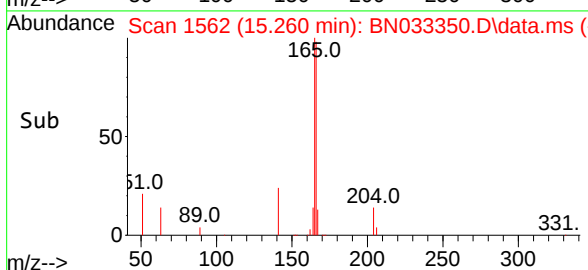
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

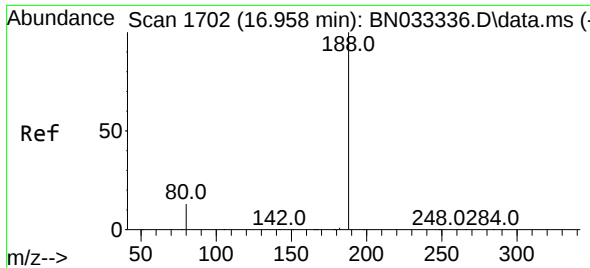


#18
Fluorene
Concen: 0.214 ng
RT: 15.260 min Scan# 1562
Delta R.T. -0.011 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11



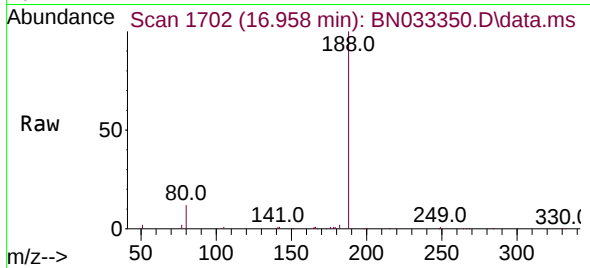
Tgt Ion:166 Resp: 6357
Ion Ratio Lower Upper
166 100
165 99.1 78.0 117.0
167 13.4 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.958 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

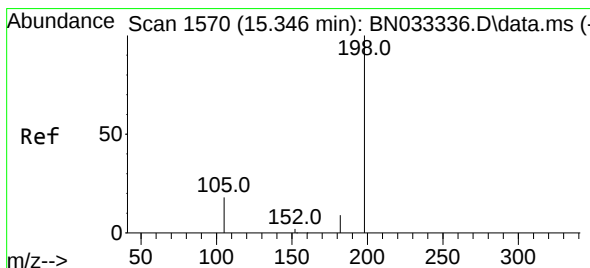
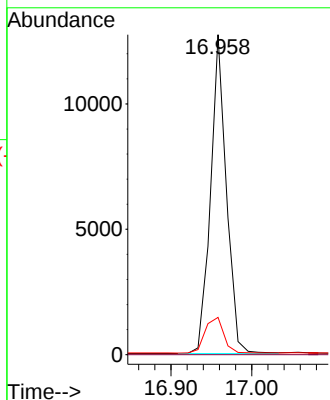
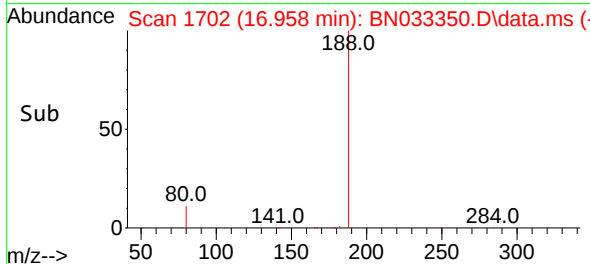
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:188 Resp: 17370
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 10.7 16.1

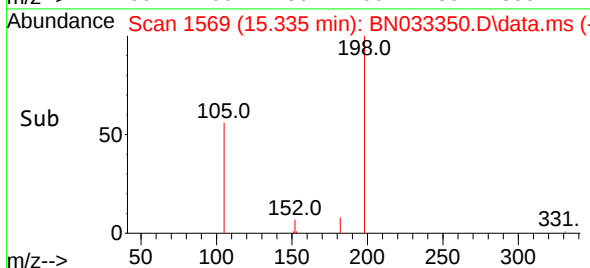
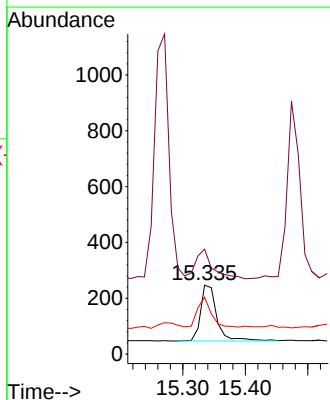
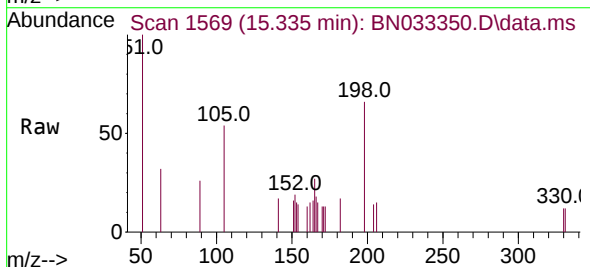
Manual Integrations
APPROVED

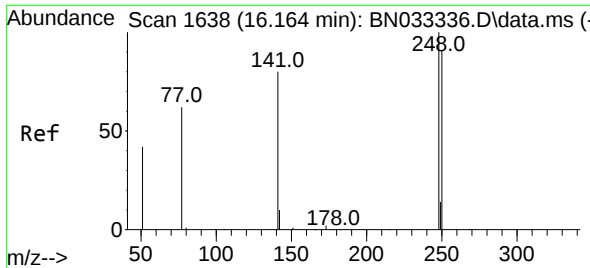
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.171 ng
RT: 15.335 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

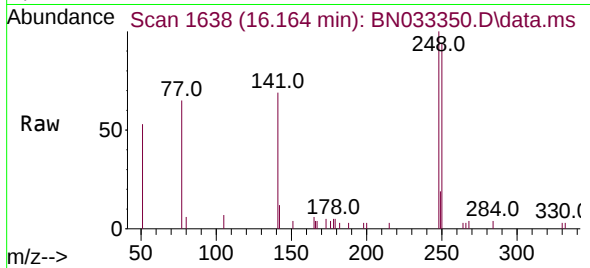
Tgt Ion:198 Resp: 360
Ion Ratio Lower Upper
198 100
51 152.2 62.8 94.2#
105 82.6 34.1 51.1#





#21
4-Bromophenyl-phenylether
Concen: 0.203 ng
RT: 16.164 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

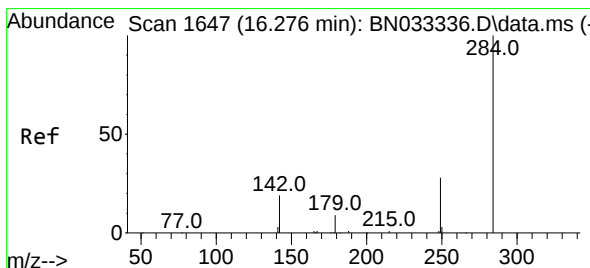
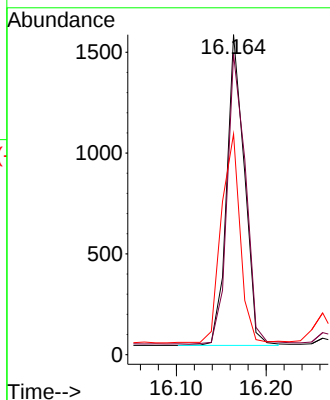
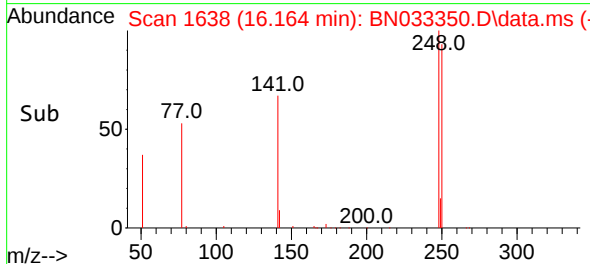
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:248 Resp: 2110
Ion Ratio Lower Upper
248 100
250 94.0 73.0 109.4
141 68.9 64.6 96.8

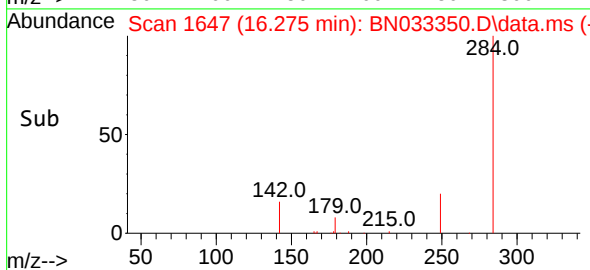
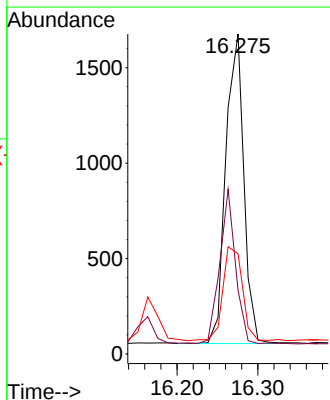
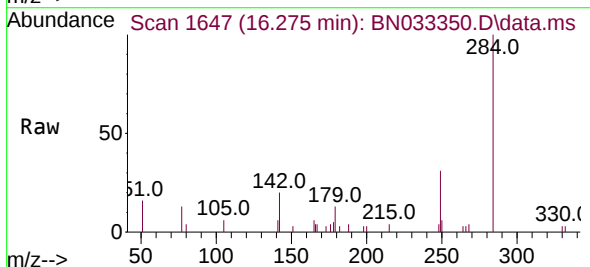
Manual Integrations
APPROVED

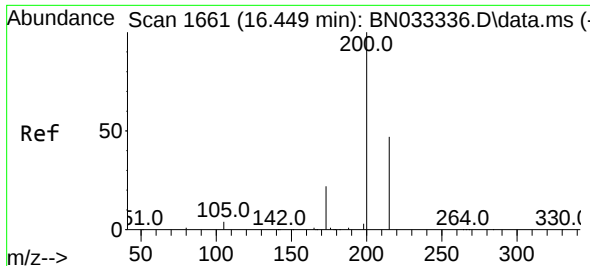
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Hexachlorobenzene
Concen: 0.216 ng
RT: 16.275 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

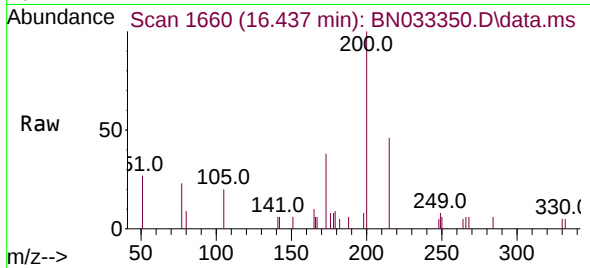
Tgt Ion:284 Resp: 2514
Ion Ratio Lower Upper
284 100
142 43.2 32.2 48.4
249 32.6 25.3 37.9





#23
Atrazine
Concen: 0.184 ng
RT: 16.437 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

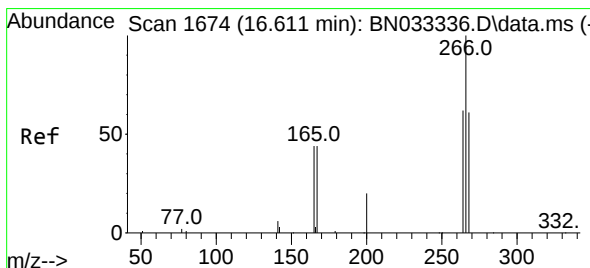
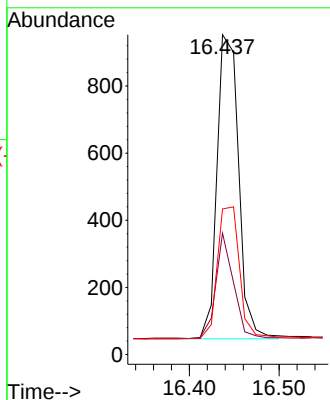
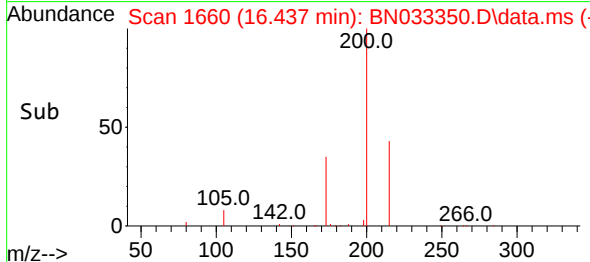
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:200 Resp: 151
Ion Ratio Lower Upper
200 100
173 38.0 18.7 28.1
215 45.5 38.6 58.0

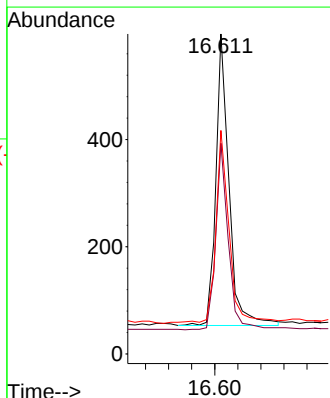
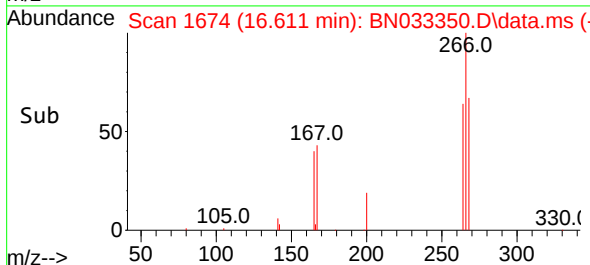
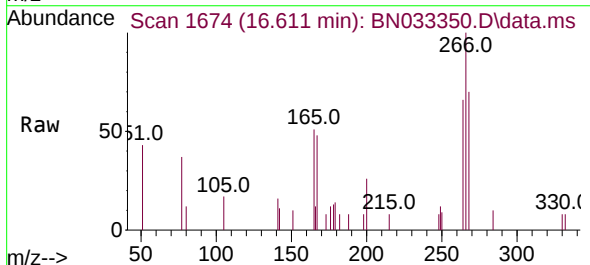
Manual Integrations
APPROVED

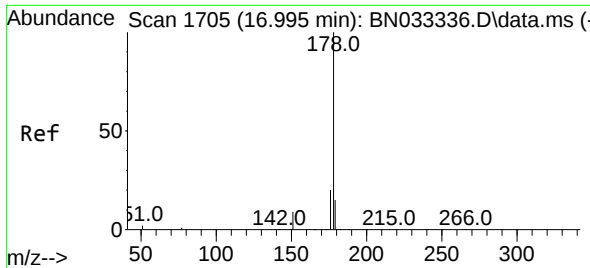
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#24
Pentachlorophenol
Concen: 0.182 ng
RT: 16.611 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

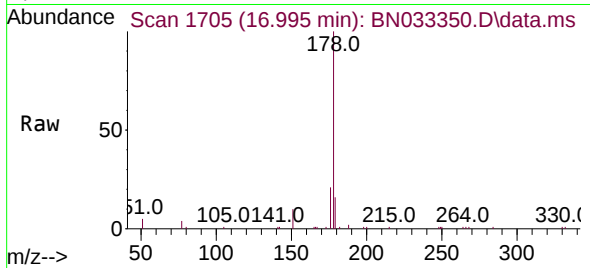
Tgt Ion:266 Resp: 857
Ion Ratio Lower Upper
266 100
264 60.9 49.2 73.8
268 64.4 51.2 76.8





#25
Phenanthrene
Concen: 0.220 ng
RT: 16.995 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

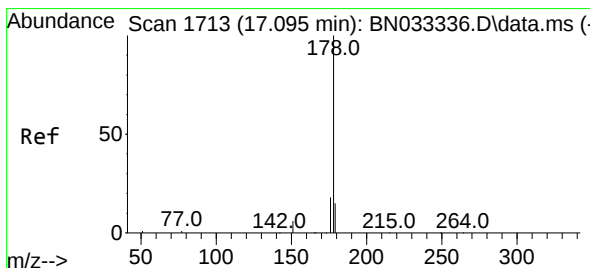
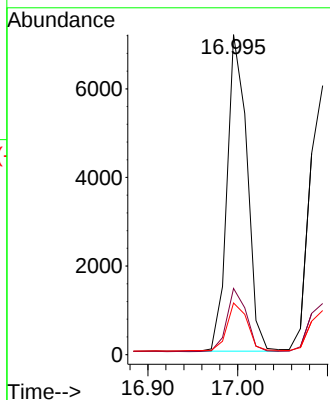
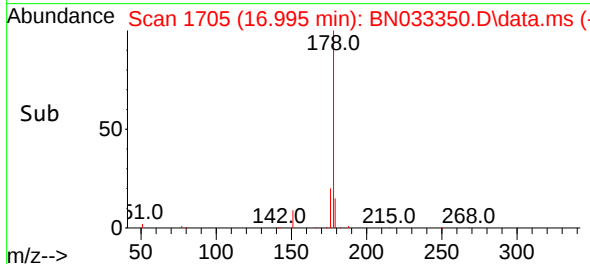
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



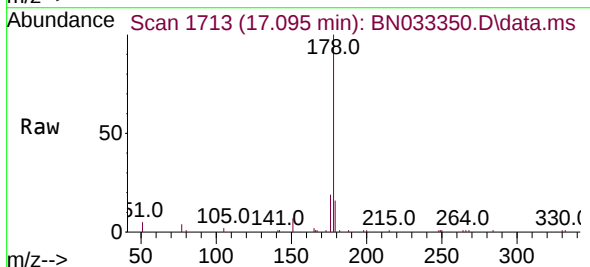
Tgt Ion:178 Resp: 1103
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.6 12.2 18.2

Manual Integrations
APPROVED

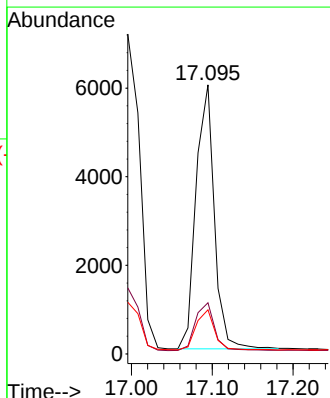
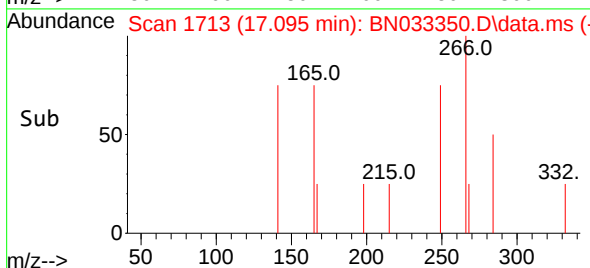
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

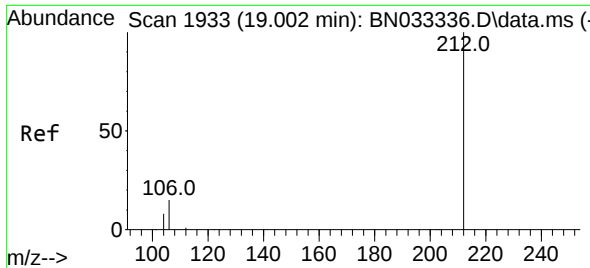


#26
Anthracene
Concen: 0.213 ng
RT: 17.095 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11



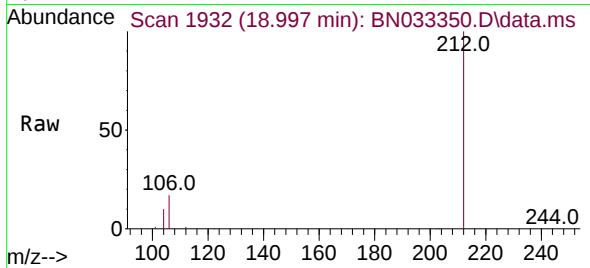
Tgt Ion:178 Resp: 9451
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.4 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.566 ng
RT: 18.997 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

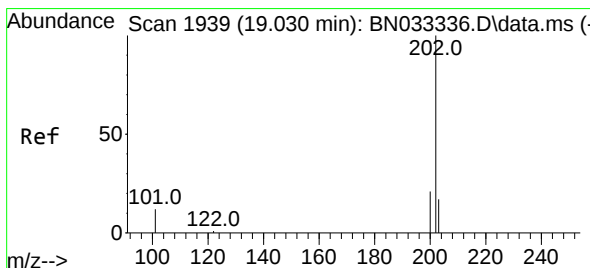
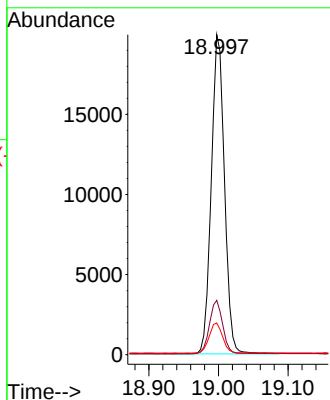
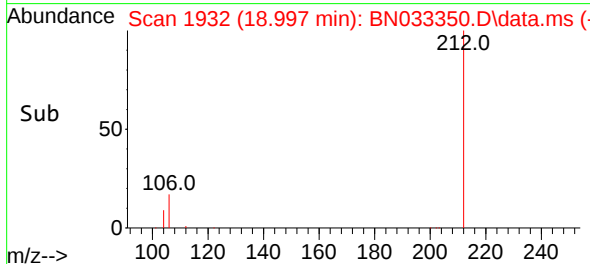
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



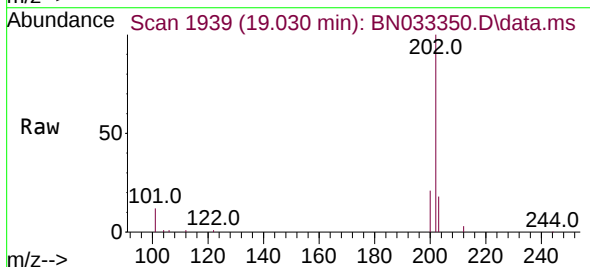
Tgt Ion:212 Resp: 26264
Ion Ratio Lower Upper
212 100
106 16.7 12.8 19.2
104 9.6 7.1 10.7

Manual Integrations
APPROVED

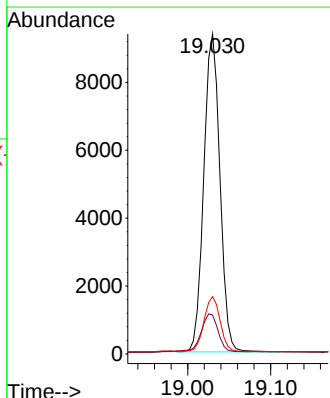
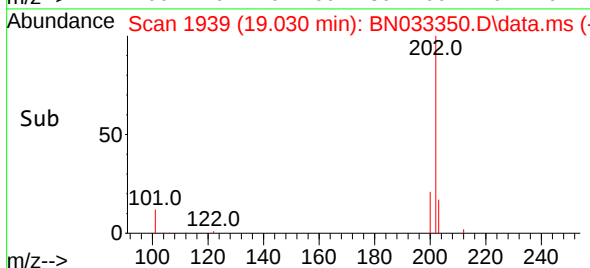
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

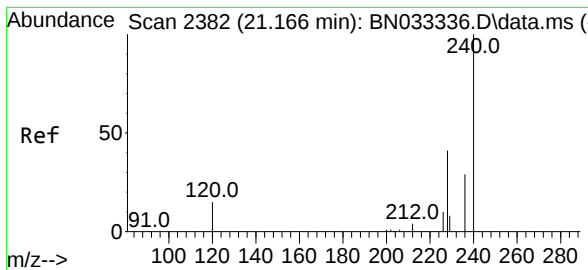


#28
Fluoranthene
Concen: 0.205 ng
RT: 19.030 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11



Tgt Ion:202 Resp: 12672
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.166 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

Instrument :

BNA_N

ClientSampleId :

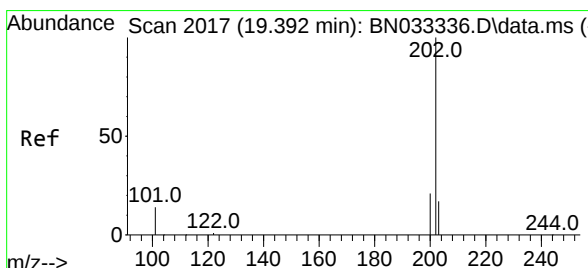
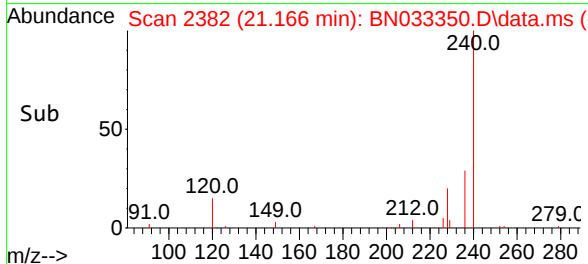
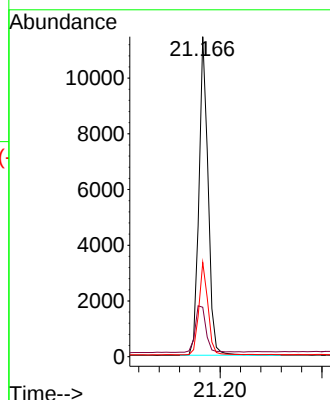
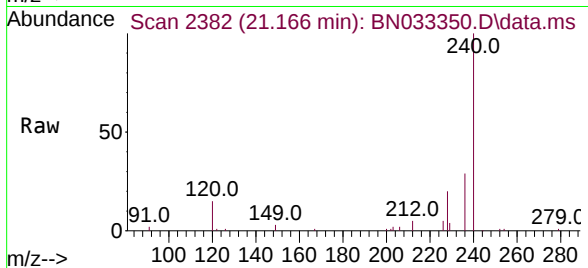
LOQ-SOIL-02-QT3-2024

Tgt Ion:240	Resp:	1421
Ion Ratio	Lower	Upper
240	100	
120	15.5	13.0 19.6
236	29.4	23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#30

Pyrene

Concen: 0.221 ng

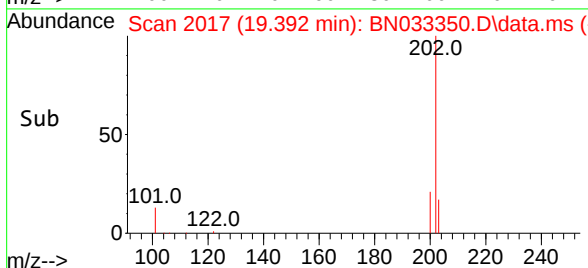
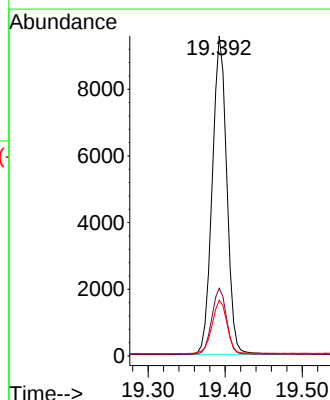
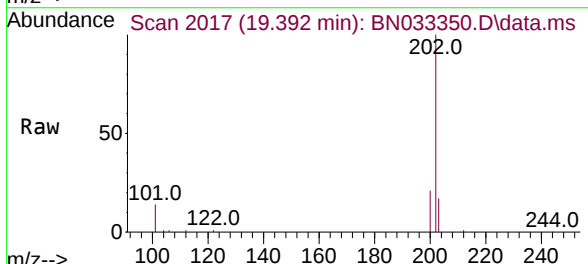
RT: 19.392 min Scan# 2017

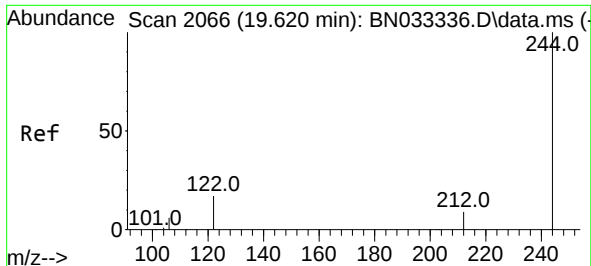
Delta R.T. -0.000 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

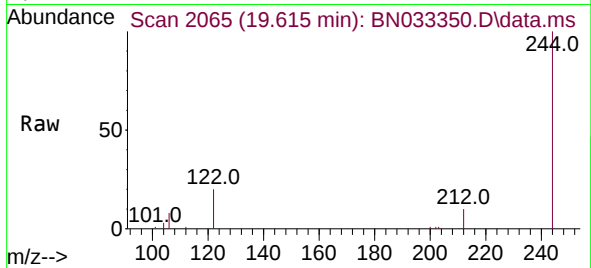
Tgt Ion:202	Resp:	12485
Ion Ratio	Lower	Upper
202	100	
200	21.0	16.7 25.1
203	17.4	14.2 21.4





#31
Terphenyl-d14
Concen: 0.371 ng
RT: 19.615 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

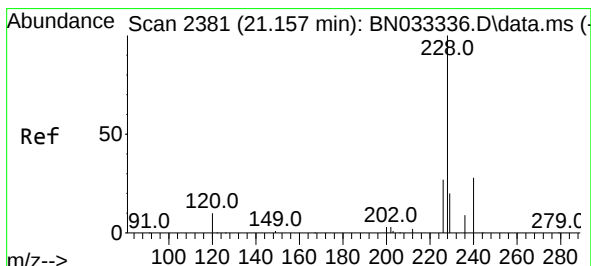
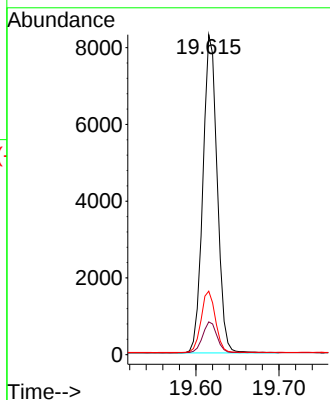
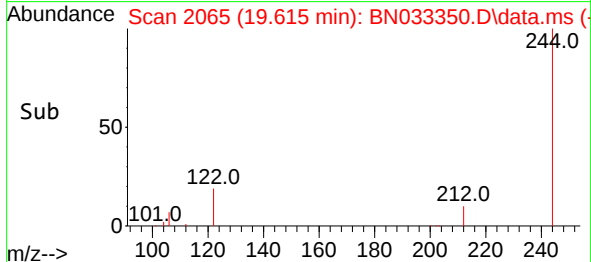
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:244 Resp: 9950
Ion Ratio Lower Upper
244 100
212 10.2 7.7 11.5
122 19.8 14.0 21.0

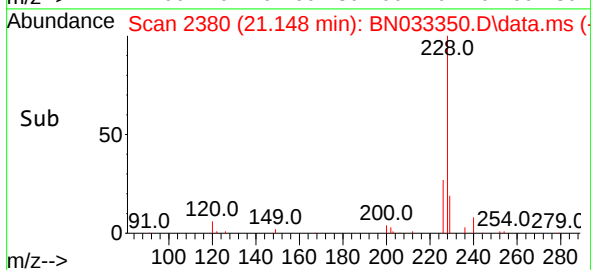
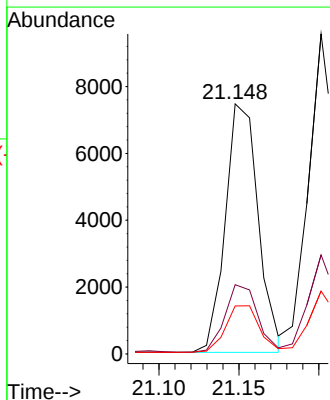
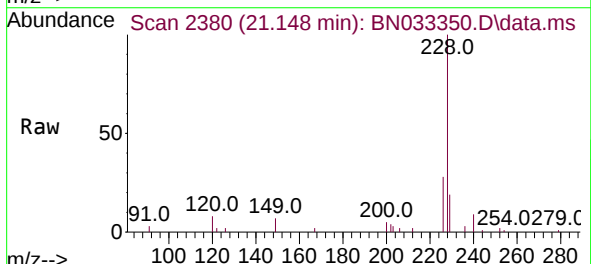
Manual Integrations
APPROVED

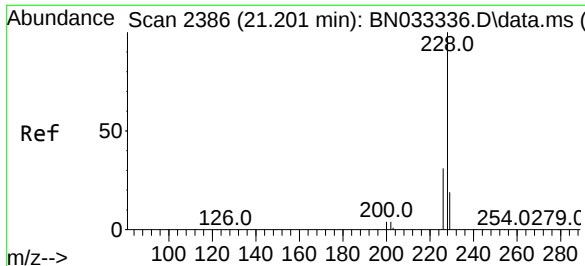
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#32
Benzo(a)anthracene
Concen: 0.200 ng
RT: 21.148 min Scan# 2380
Delta R.T. -0.009 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

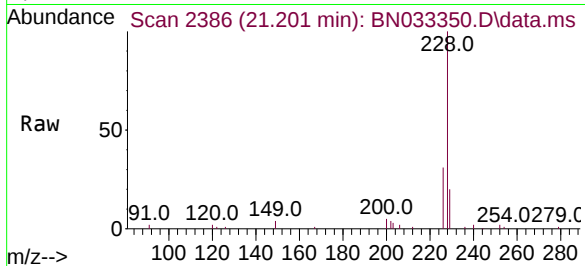
Tgt Ion:228 Resp: 10644
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 19.2 15.9 23.9





#33
Chrysene
Concen: 0.225 ng
RT: 21.201 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

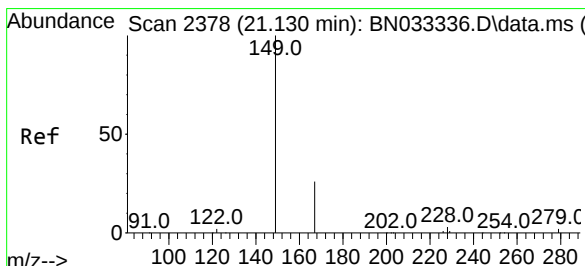
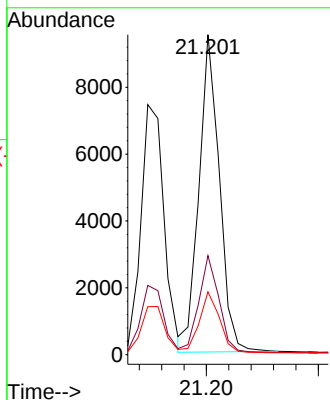
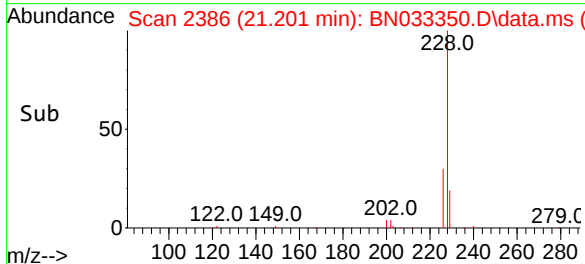
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:228 Resp: 12029
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 19.7 15.4 23.2

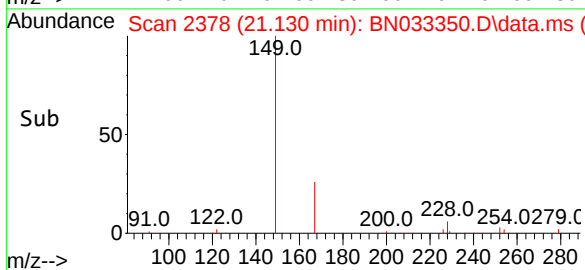
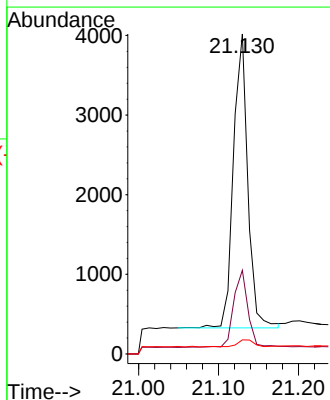
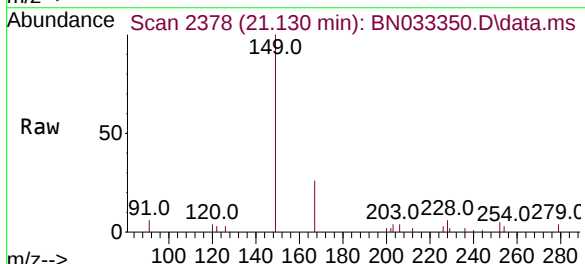
Manual Integrations
APPROVED

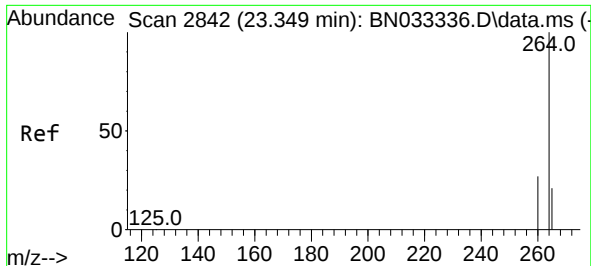
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.190 ng
RT: 21.130 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

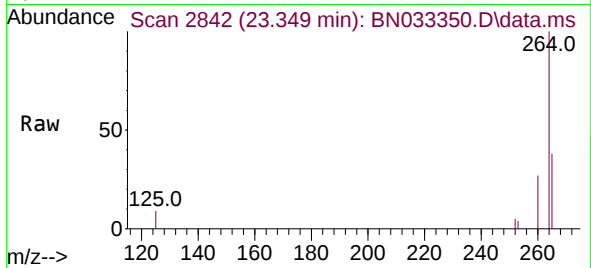
Tgt Ion:149 Resp: 4586
Ion Ratio Lower Upper
149 100
167 26.4 20.9 31.3
279 2.5 2.2 3.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.349 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

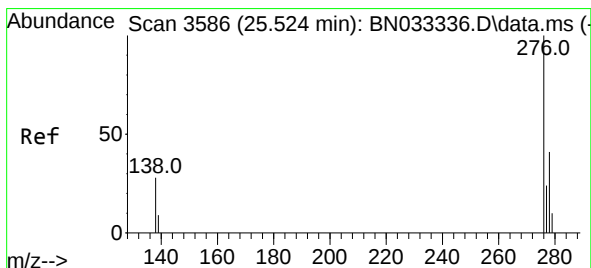
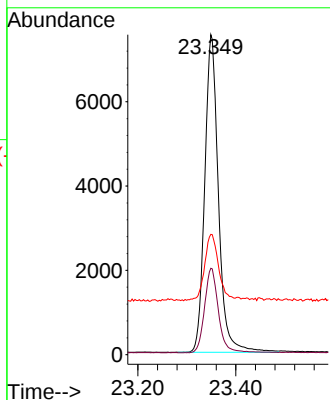
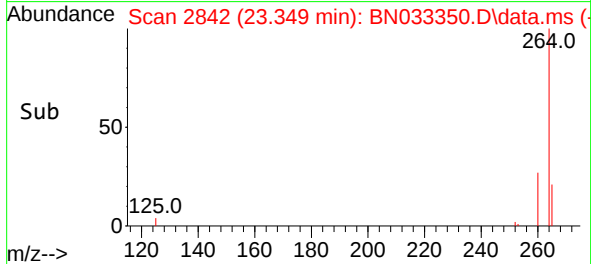
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



Tgt Ion:264 Resp: 1461
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.6 32.4
 265 37.6 29.3 43.9

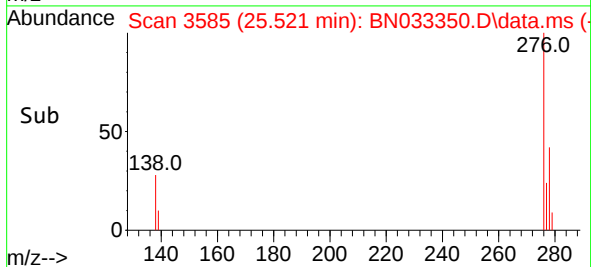
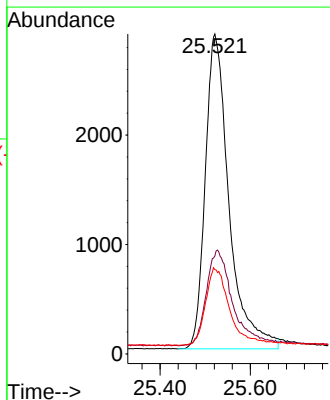
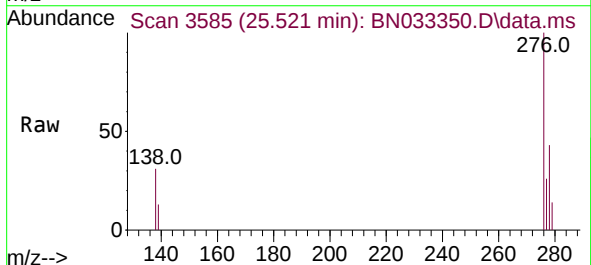
Manual Integrations
 APPROVED

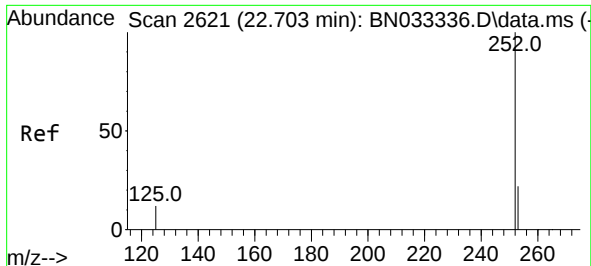
Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.174 ng
 RT: 25.521 min Scan# 3585
 Delta R.T. -0.003 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

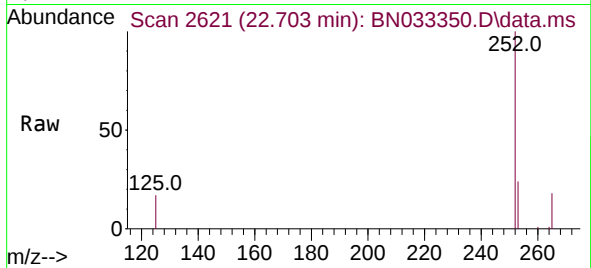
Tgt Ion:276 Resp: 10530
 Ion Ratio Lower Upper
 276 100
 138 33.9 24.9 37.3
 277 25.2 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.203 ng
RT: 22.703 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

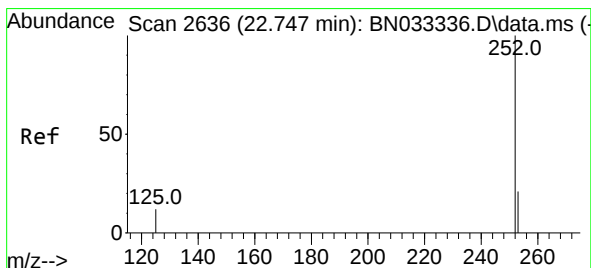
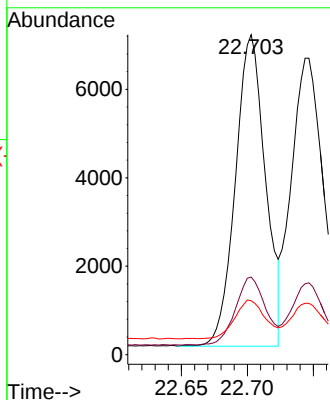
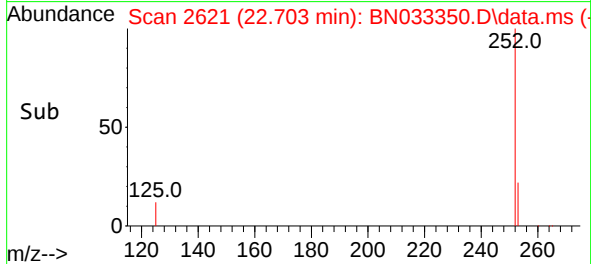
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



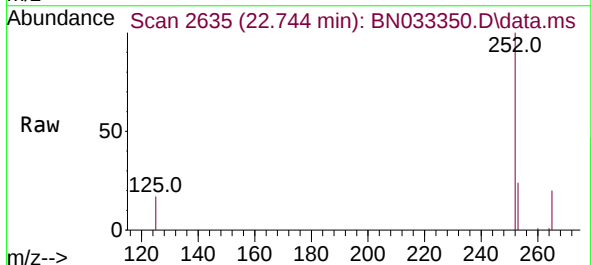
Tgt Ion:252 Resp: 11144
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 16.9 11.3 16.9

Manual Integrations
APPROVED

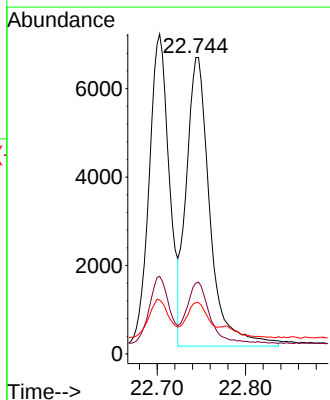
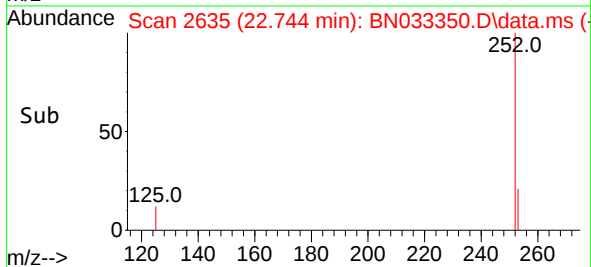
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

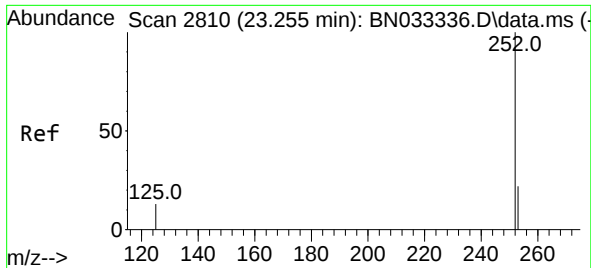


#38
Benzo(k)fluoranthene
Concen: 0.216 ng m
RT: 22.744 min Scan# 2635
Delta R.T. -0.003 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11



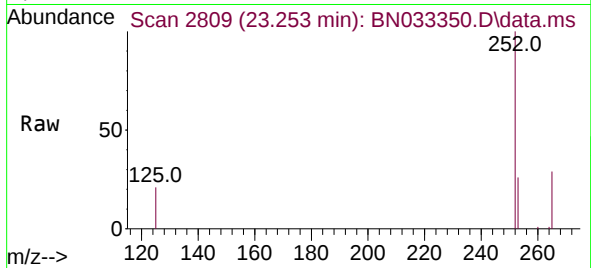
Tgt Ion:252 Resp: 12111
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 17.3 11.3 16.9#





#39
Benzo(a)pyrene
Concen: 0.185 ng
RT: 23.253 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

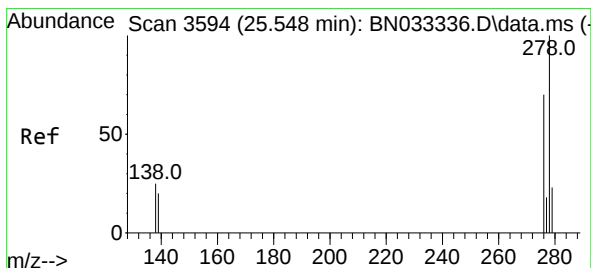
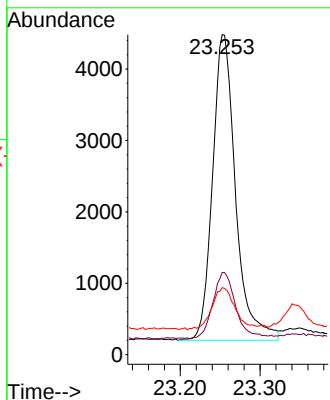
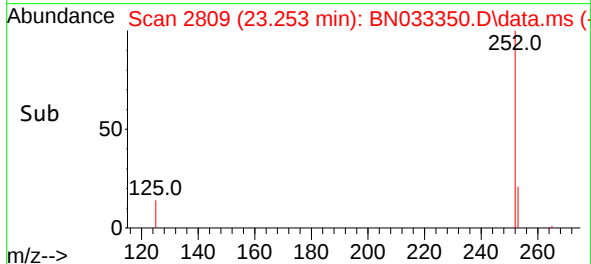
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:252 Resp: 8592
Ion Ratio Lower Upper
252 100
253 25.7 18.6 28.0
125 21.0 12.6 19.0

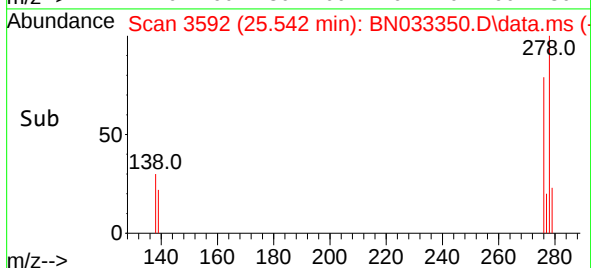
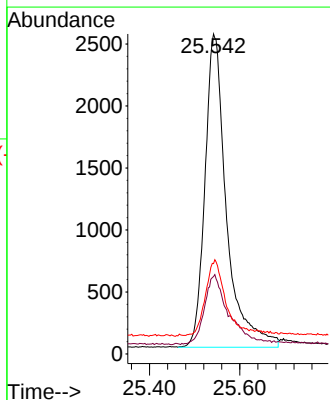
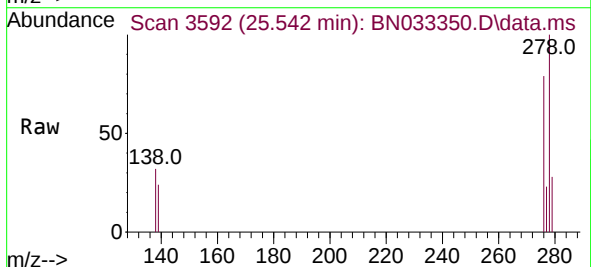
Manual Integrations
APPROVED

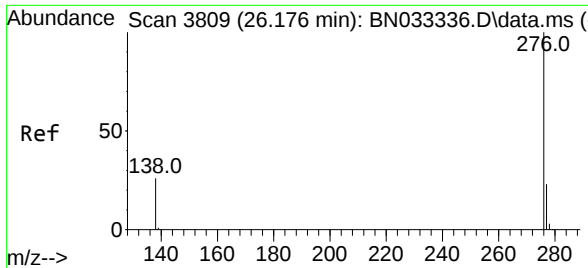
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.175 ng
RT: 25.542 min Scan# 3592
Delta R.T. -0.006 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

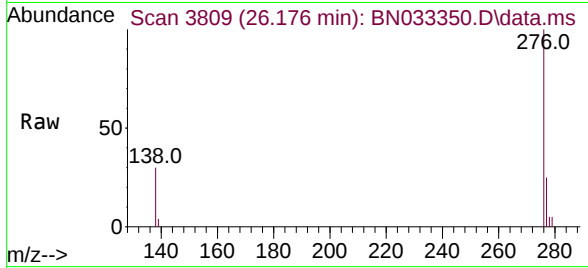
Tgt Ion:278 Resp: 8361
Ion Ratio Lower Upper
278 100
139 24.2 17.0 25.6
279 28.2 20.0 30.0





#41
 Benzo(g,h,i)perylene
 Concen: 0.178 ng
 RT: 26.176 min Scan# 3809
 Delta R.T. -0.000 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



Tgt Ion:	276	Resp:	939
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.4	29.2
138	29.8	21.6	32.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024

