

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
 Data File : BN033348.D
 Acq On : 12 Aug 2024 12:58
 Operator : MA/JU
 Sample : P3390-01
 Misc : LOD-MDL-SOIL-0.2ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Quant Time: Aug 12 13:25:58 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	4499	0.400	ng	0.00
7) Naphthalene-d8	10.338	136	12444	0.400	ng	0.00
13) Acenaphthene-d10	14.212	164	7158	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	17757	0.400	ng	0.00
29) Chrysene-d12	21.166	240	13985	0.400	ng	0.00
35) Perylene-d12	23.352	264	14402	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	3656	0.294	ng	0.00
5) Phenol-d6	6.749	99	5330	0.318	ng	0.00
8) Nitrobenzene-d5	8.704	82	3376	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	10433	0.545	ng	0.00
14) 2,4,6-Tribromophenol	15.705	330	1023	0.279	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	10682	0.364	ng	0.00
27) Fluoranthene-d10	18.998	212	26292	0.554	ng	0.00
31) Terphenyl-d14	19.615	244	9944	0.376	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	1079m	0.216	ng	
3) n-Nitrosodimethylamine	3.485	42	1459	0.227	ng	# 86
6) bis(2-Chloroethyl)ether	7.009	93	3008	0.221	ng	97
9) Naphthalene	10.391	128	7466	0.218	ng	99
10) Hexachlorobutadiene	10.690	225	1416	0.216	ng	# 100
12) 2-Methylnaphthalene	12.012	142	4935	0.213	ng	97
16) Acenaphthylene	13.924	152	7286	0.218	ng	100
17) Acenaphthene	14.277	154	4894	0.213	ng	98
18) Fluorene	15.271	166	6490	0.215	ng	99
20) 4,6-Dinitro-2-methylph...	15.335	198	353	0.164	ng	# 25
21) 4-Bromophenyl-phenylether	16.164	248	2111	0.199	ng	92
22) Hexachlorobenzene	16.276	284	2550	0.214	ng	96
23) Atrazine	16.437	200	1526	0.181	ng	# 89
24) Pentachlorophenol	16.611	266	1240m	0.258	ng	
25) Phenanthrene	16.996	178	11287	0.220	ng	100
26) Anthracene	17.095	178	9710	0.214	ng	100
28) Fluoranthene	19.030	202	12667	0.201	ng	99
30) Pyrene	19.392	202	12456	0.224	ng	100
32) Benzo(a)anthracene	21.148	228	10533	0.202	ng	98
33) Chrysene	21.202	228	11842	0.225	ng	99
34) Bis(2-ethylhexyl)phtha...	21.130	149	4821	0.203	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.524	276	10189	0.171	ng	97
37) Benzo(b)fluoranthene	22.703	252	10719	0.198	ng	# 95
38) Benzo(k)fluoranthene	22.747	252	11150	0.202	ng	# 94
39) Benzo(a)pyrene	23.256	252	8382	0.184	ng	# 91
40) Dibenzo(a,h)anthracene	25.545	278	8042	0.171	ng	93
41) Benzo(g,h,i)perylene	26.179	276	9000	0.173	ng	95

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

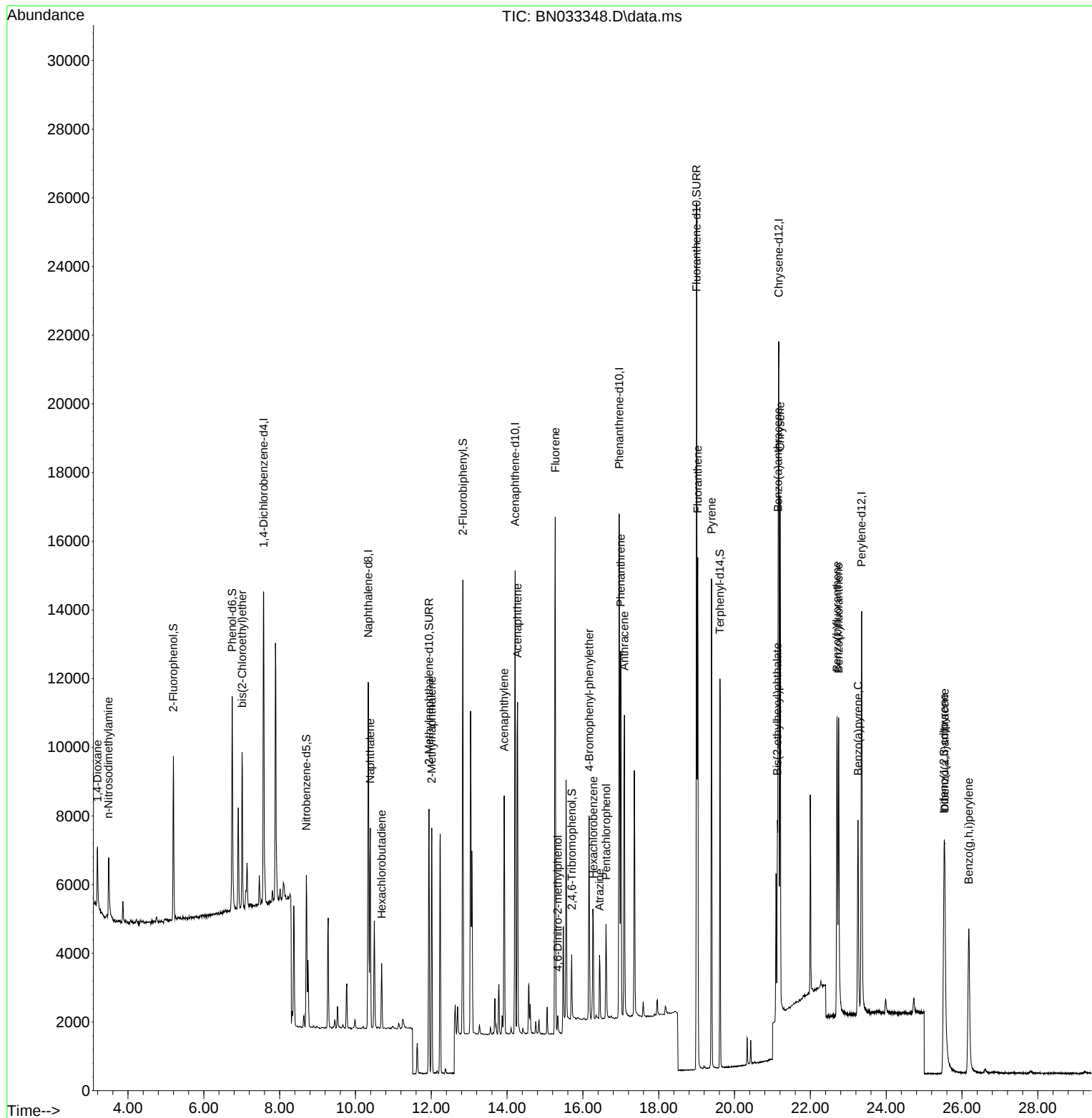
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033348.D
Acq On : 12 Aug 2024 12:58
Operator : MA/JU
Sample : P3390-01
Misc : LOD-MDL-SOIL-0.2ng
ALS Vial : 6 Sample Multiplier: 1

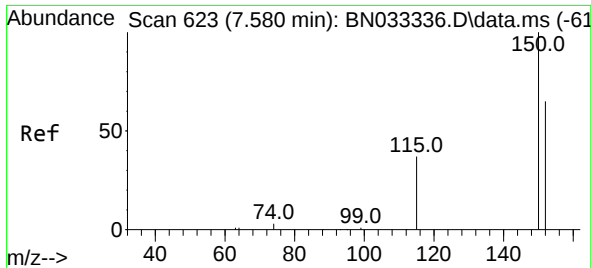
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Quant Time: Aug 12 13:25:58 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
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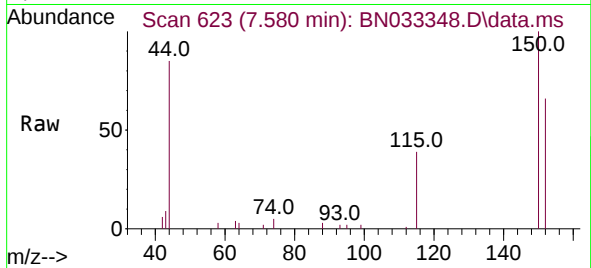
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.580 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN033348.D
 Acq: 12 Aug 2024 12:58

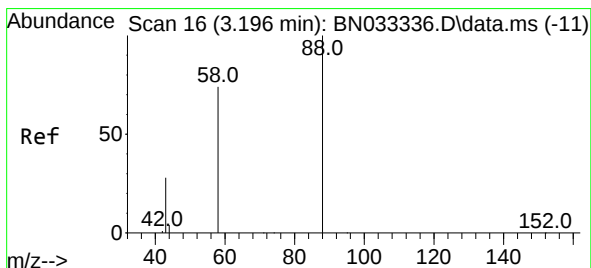
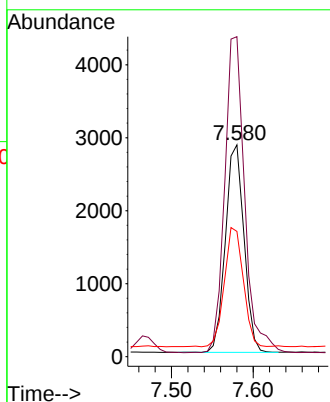
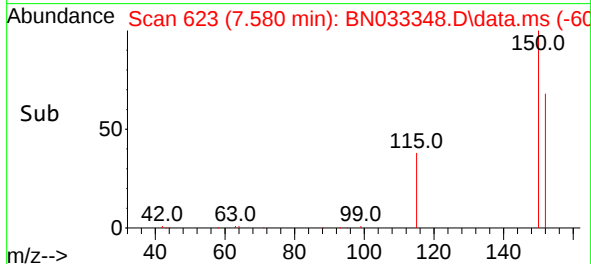
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



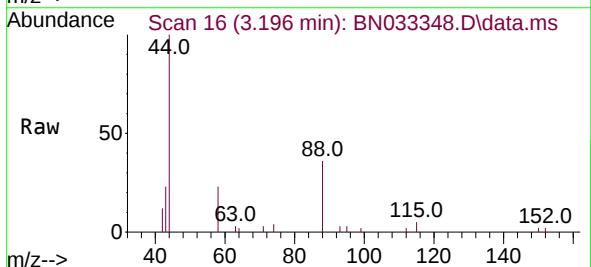
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 Ion Ratio Lower Upper
 152 100
 150 151.1 122.3 183.5
 115 59.1 48.8 73.2

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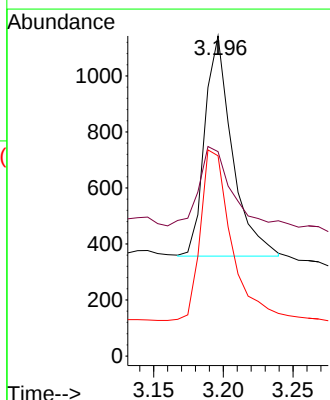
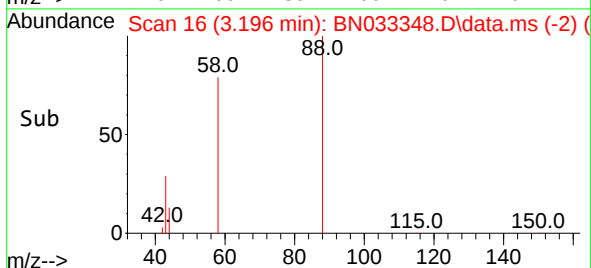
Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024

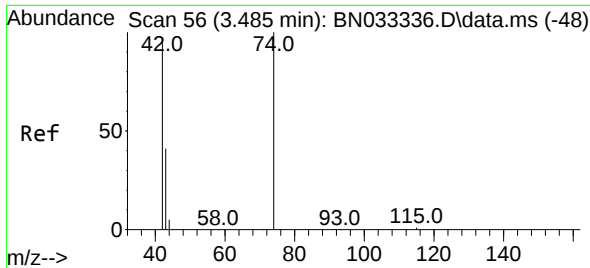


#2
 1,4-Dioxane
 Concen: 0.216 ng m
 RT: 3.196 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BN033348.D
 Acq: 12 Aug 2024 12:58



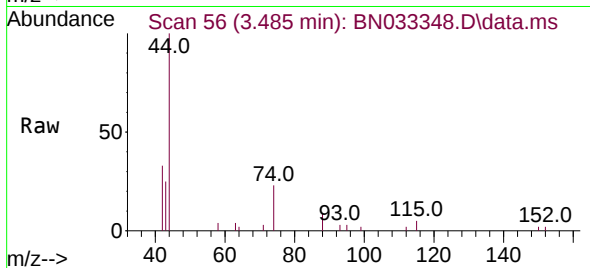
Tgt Ion: 88 Resp: 1079
 Ion Ratio Lower Upper
 88 100
 43 43.4 30.6 46.0
 58 88.9 64.5 96.7





#3
n-Nitrosodimethylamine
Concen: 0.227 ng
RT: 3.485 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

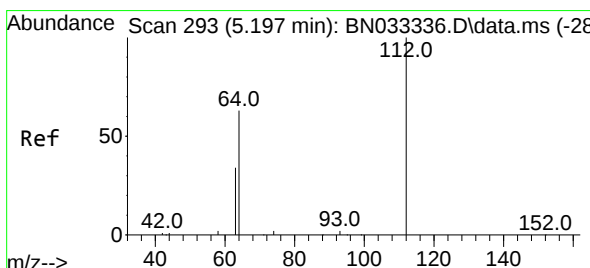
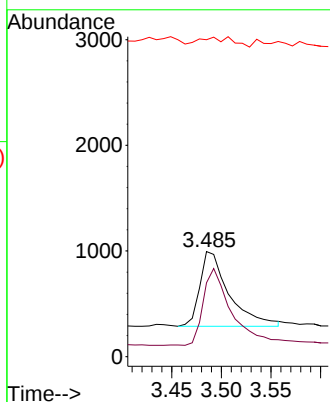
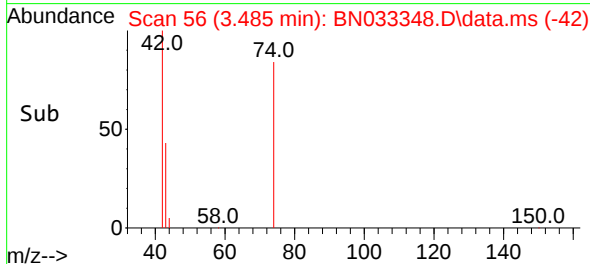
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 42 Resp: 1459
Ion Ratio Lower Upper
42 100
74 99.1 89.0 133.6
44 0.0 11.0 16.4

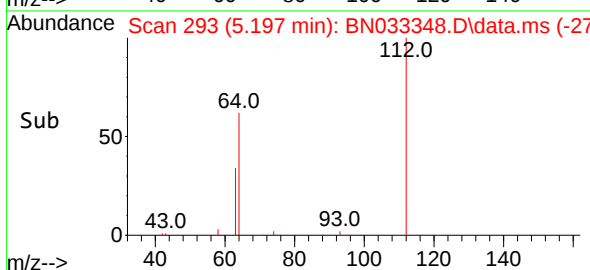
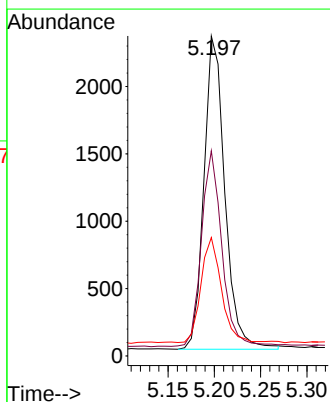
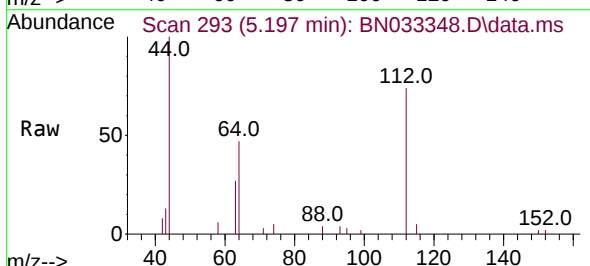
Manual Integrations
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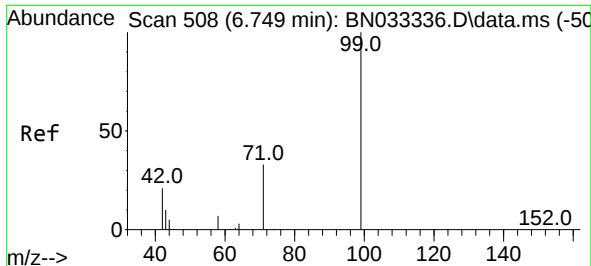
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.197 min Scan# 293
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

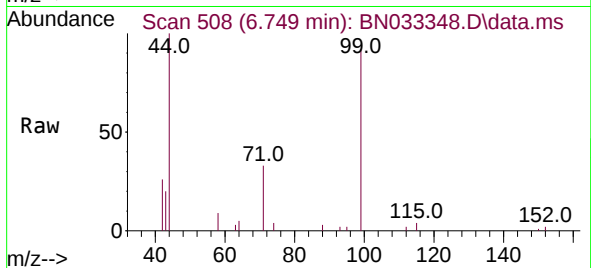
Tgt Ion:112 Resp: 3656
Ion Ratio Lower Upper
112 100
64 61.3 48.1 72.1
63 32.5 25.4 38.2





#5
Phenol-d6
Concen: 0.318 ng
RT: 6.749 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

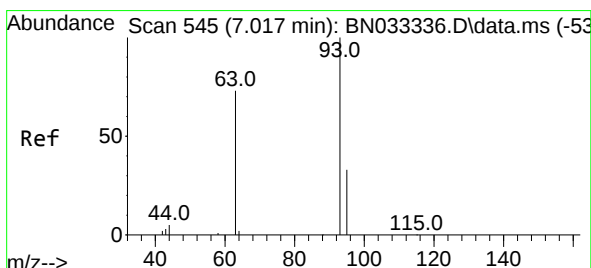
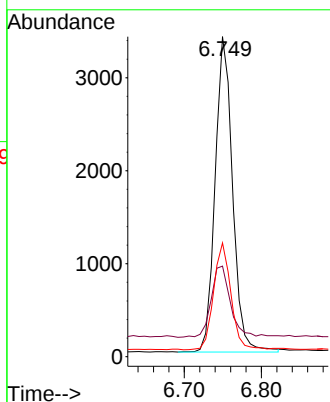
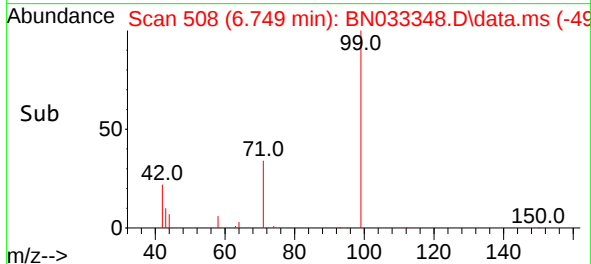
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 99 Resp: 5330
Ion Ratio Lower Upper
99 100
42 25.3 18.5 27.7
71 33.5 26.2 39.2

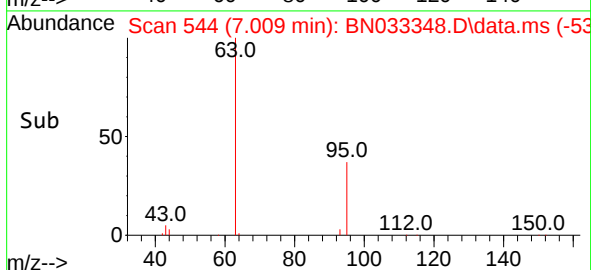
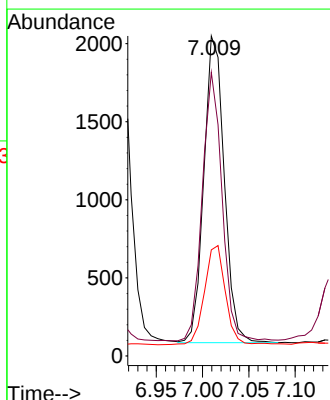
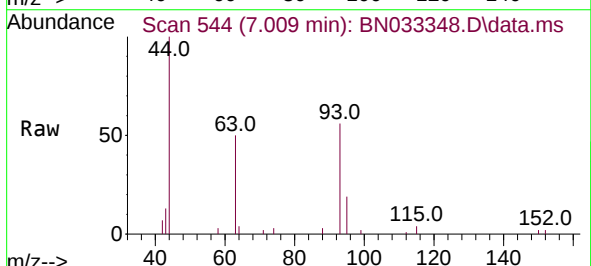
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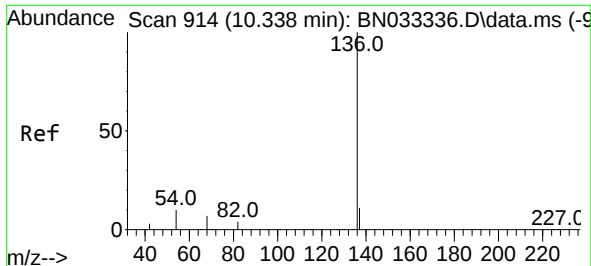
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.221 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

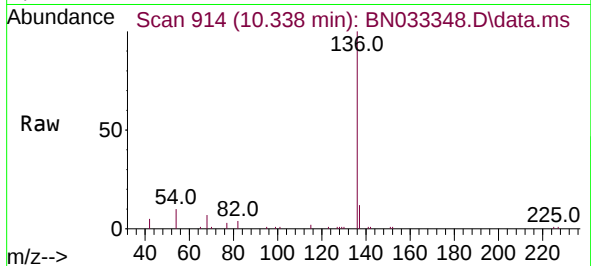
Tgt Ion: 93 Resp: 3008
Ion Ratio Lower Upper
93 100
63 84.5 65.2 97.8
95 33.5 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.338 min Scan# 914
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

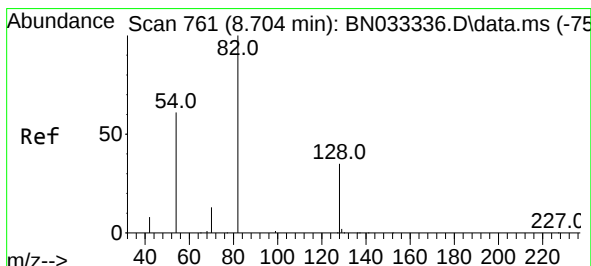
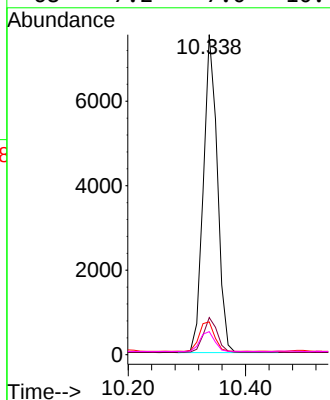
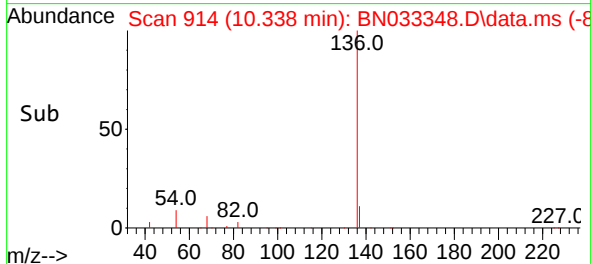
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	136	Resp:	1244
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.2	9.4	14.0
68	7.2	7.0	10.4

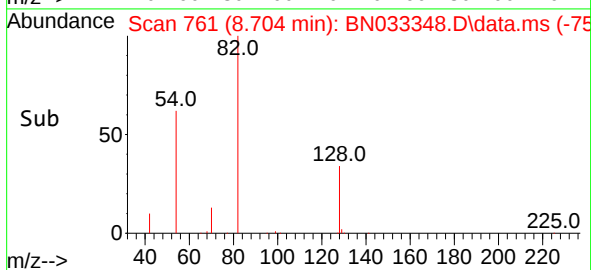
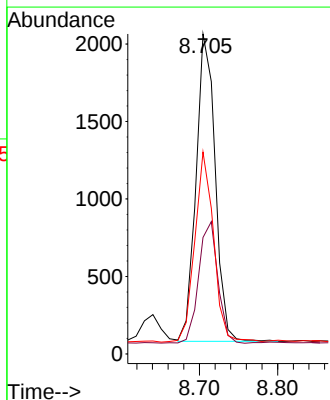
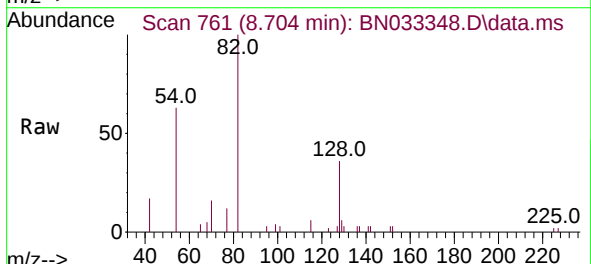
Manual Integrations
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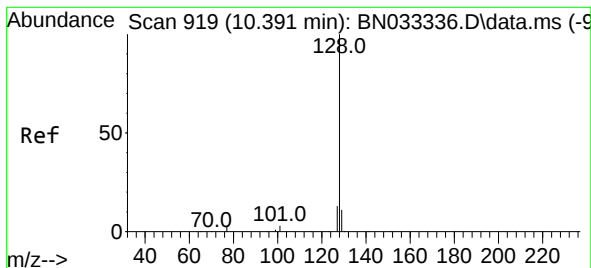
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.704 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

Tgt Ion:	82	Resp:	3376
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.0	43.4
54	63.1	50.2	75.4





#9

Naphthalene

Concen: 0.218 ng

RT: 10.391 min Scan# 919

Delta R.T. 0.000 min

Lab File: BN033348.D

Acq: 12 Aug 2024 12:58

Instrument :

BN033336.D

ClientSampleId :

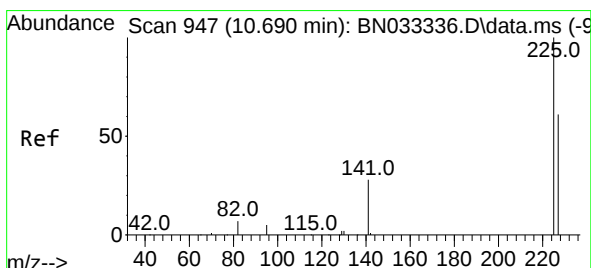
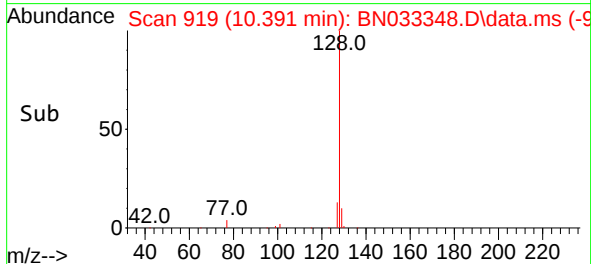
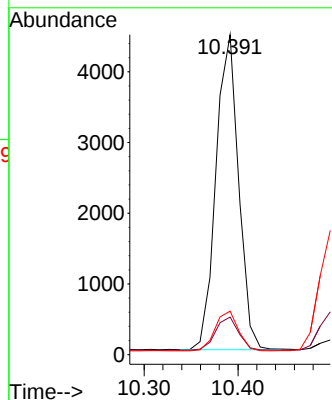
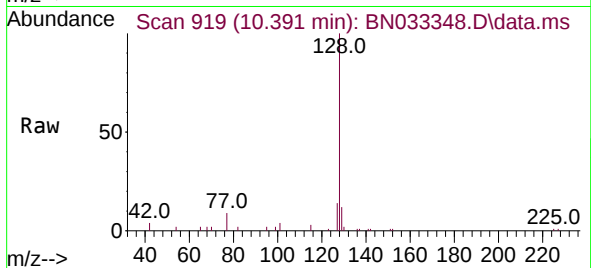
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	128	Resp:	746
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.2	13.8
127	13.6	10.6	15.8

Manual Integrations

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



#10

Hexachlorobutadiene

Concen: 0.216 ng

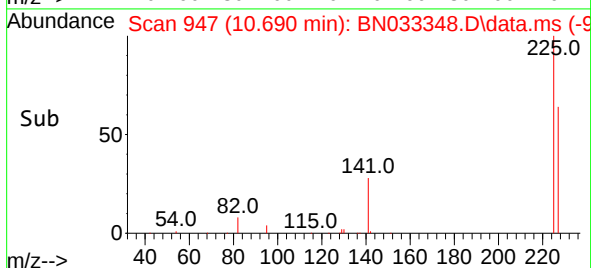
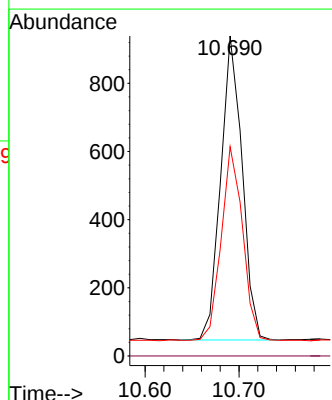
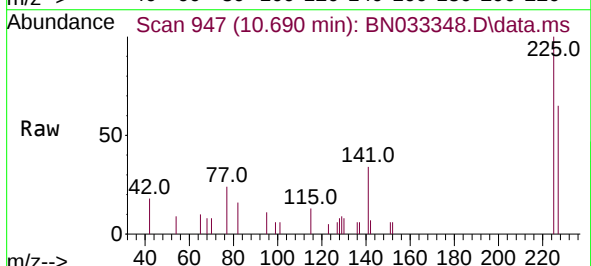
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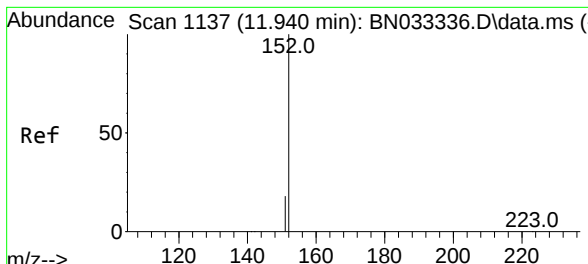
Delta R.T. 0.000 min

Lab File: BN033348.D

Acq: 12 Aug 2024 12:58

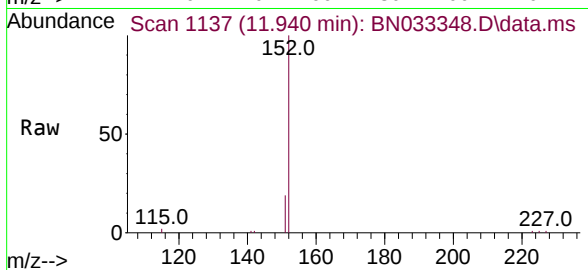
Tgt Ion:	225	Resp:	1416
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.8	50.8	76.2





#11
2-Methylnaphthalene-d10
Concen: 0.545 ng
RT: 11.940 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

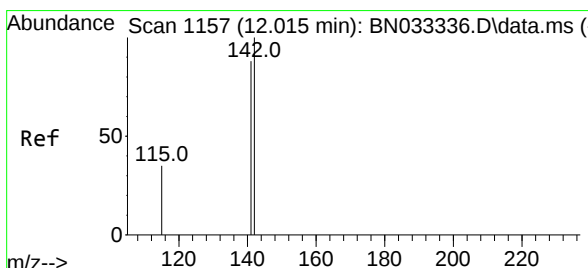
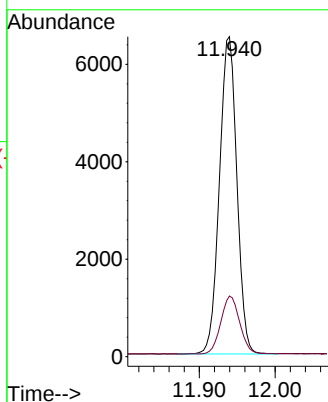
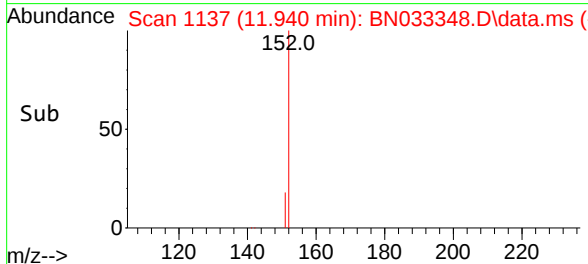
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



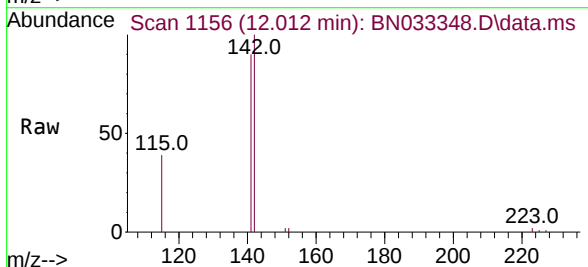
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Ion Ratio Lower Upper
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151 19.7 16.7 25.1

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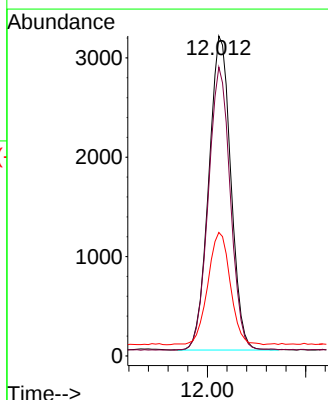
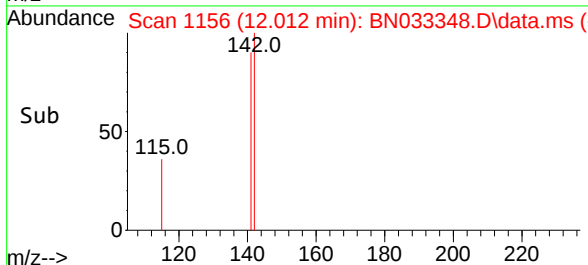
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

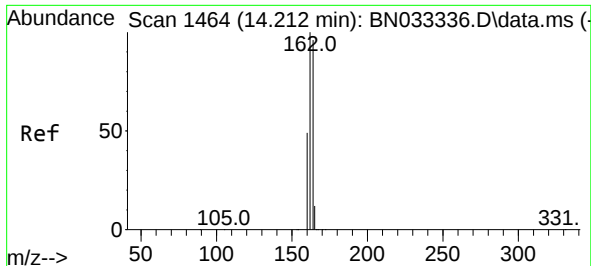


#12
2-Methylnaphthalene
Concen: 0.213 ng
RT: 12.012 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58



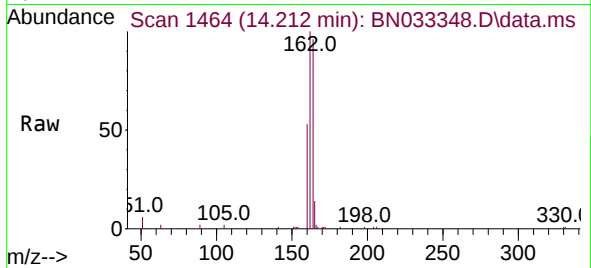
Tgt Ion:142 Resp: 4935
Ion Ratio Lower Upper
142 100
141 90.3 70.2 105.4
115 38.6 29.3 43.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

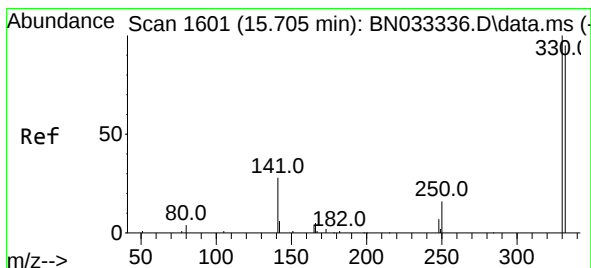
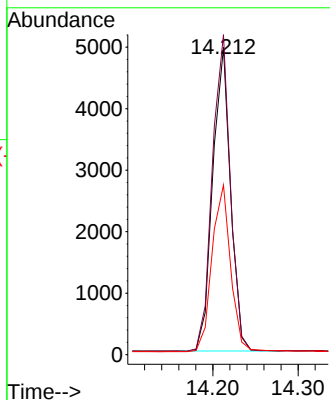
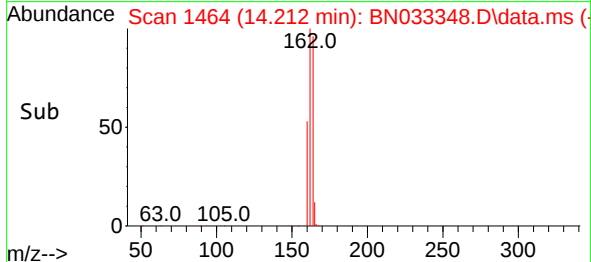
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



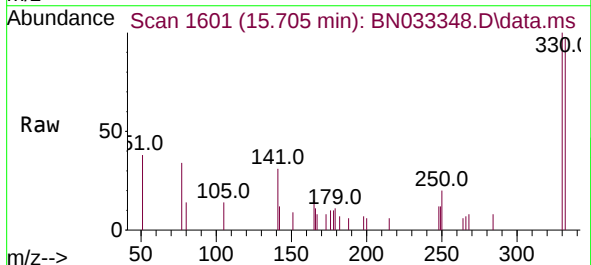
Tgt Ion:164 Resp: 715
Ion Ratio Lower Upper
164 100
162 104.2 83.1 124.7
160 55.2 41.1 61.7

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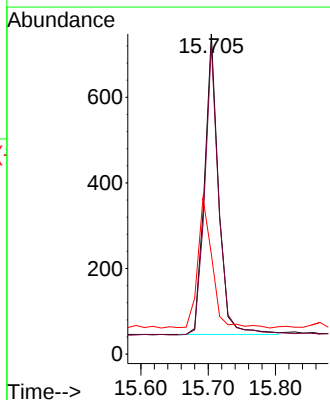
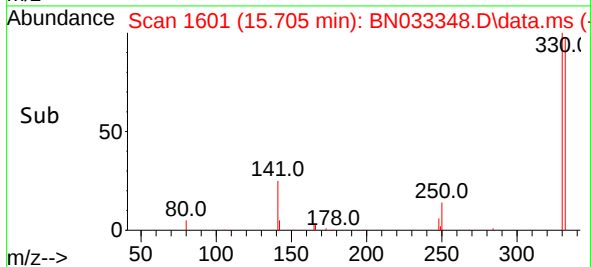
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

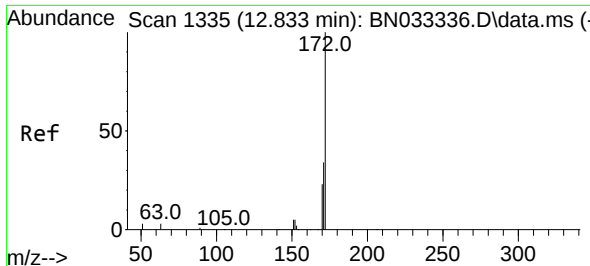


#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.705 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58



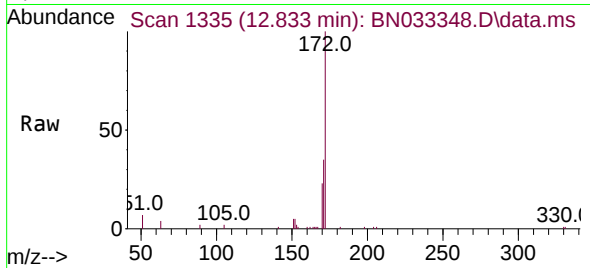
Tgt Ion:330 Resp: 1023
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 44.2 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

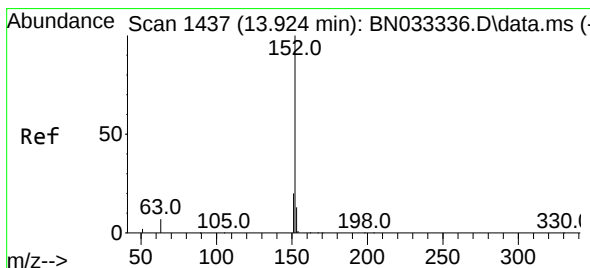
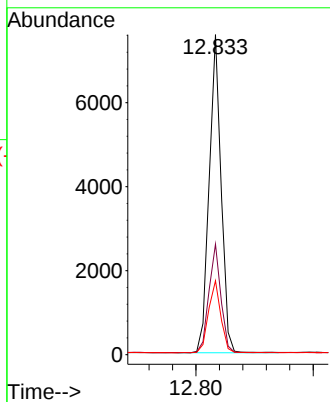
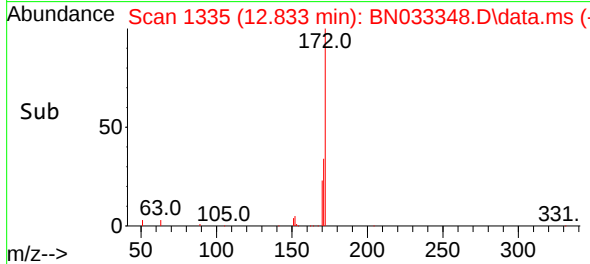
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



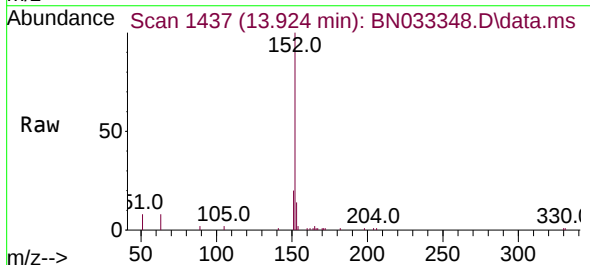
Tgt Ion:172 Resp: 1068
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.1 18.7 28.1

Manual Integrations
APPROVED

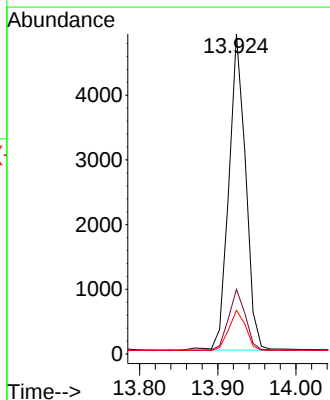
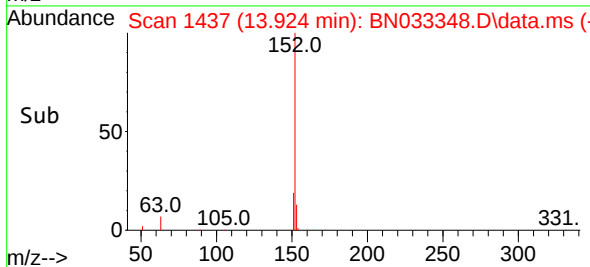
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

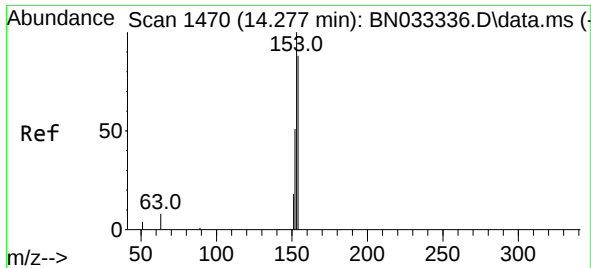


#16
Acenaphthylene
Concen: 0.218 ng
RT: 13.924 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58



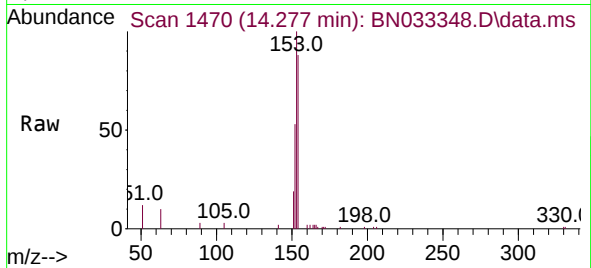
Tgt Ion:152 Resp: 7286
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.9 10.4 15.6





#17
Acenaphthene
Concen: 0.213 ng
RT: 14.277 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

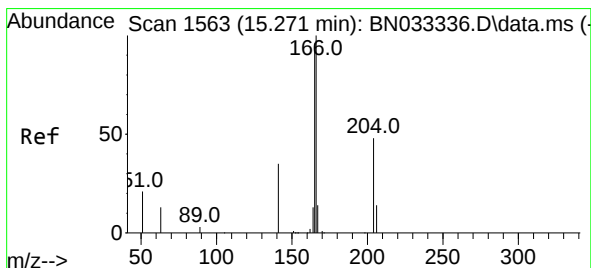
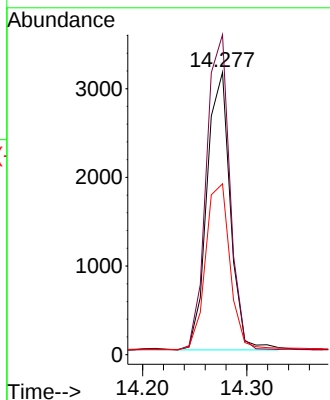
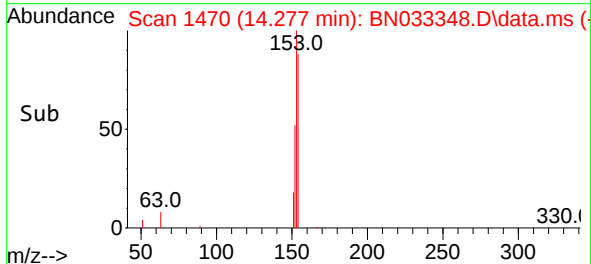
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:154 Resp: 4894
Ion Ratio Lower Upper
154 100
153 113.3 89.7 134.5
152 62.3 47.2 70.8

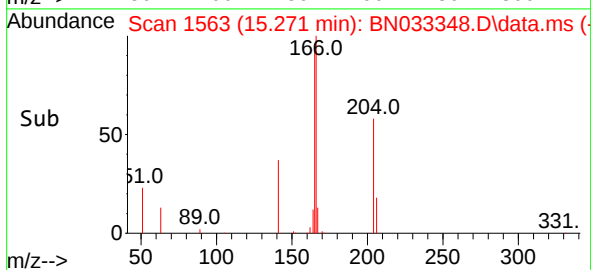
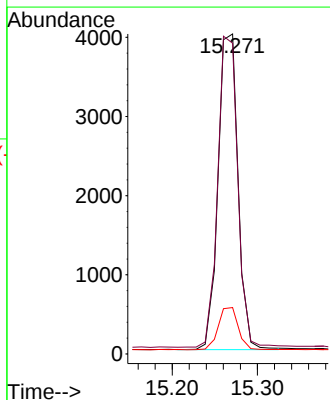
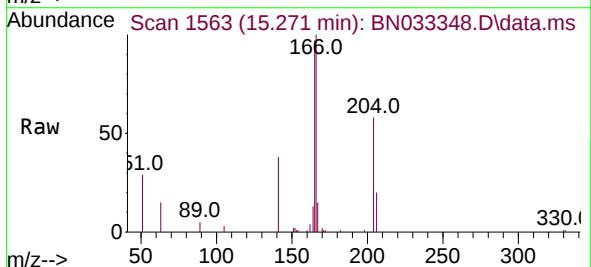
Manual Integrations
APPROVED

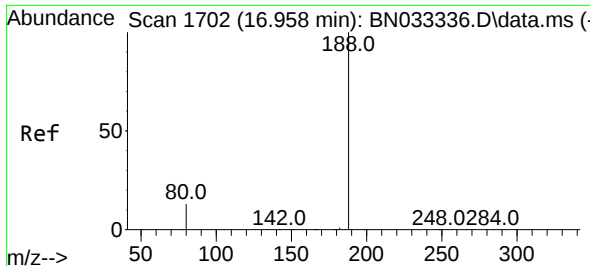
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#18
Fluorene
Concen: 0.215 ng
RT: 15.271 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

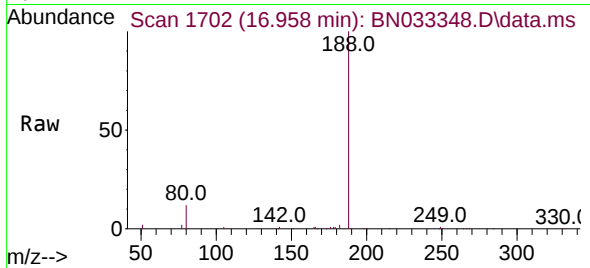
Tgt Ion:166 Resp: 6490
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.5 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.958 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

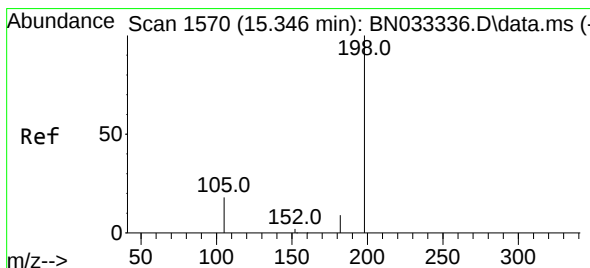
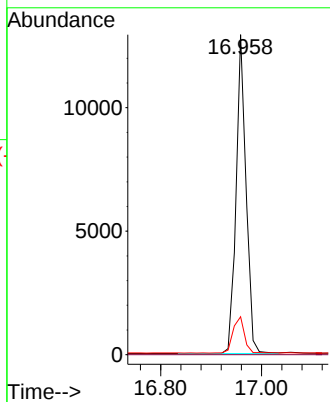
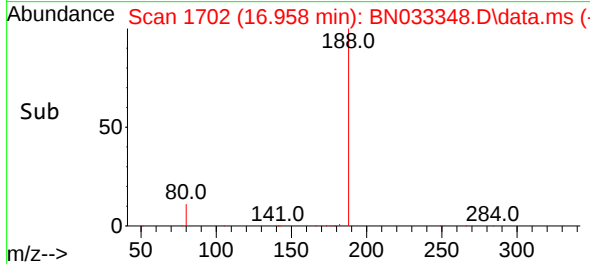
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:188 Resp: 1775
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 10.7 16.1

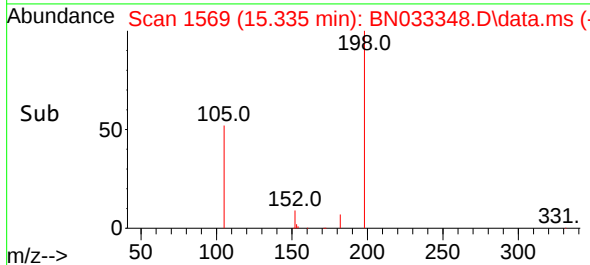
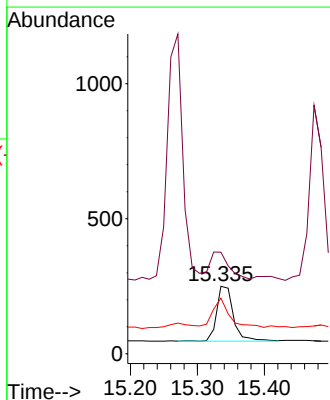
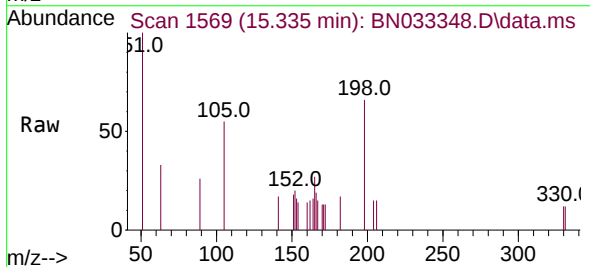
Manual Integrations
APPROVED

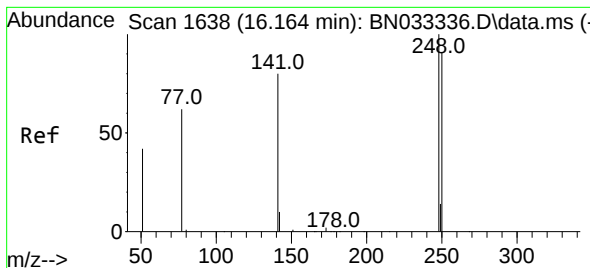
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.164 ng
RT: 15.335 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

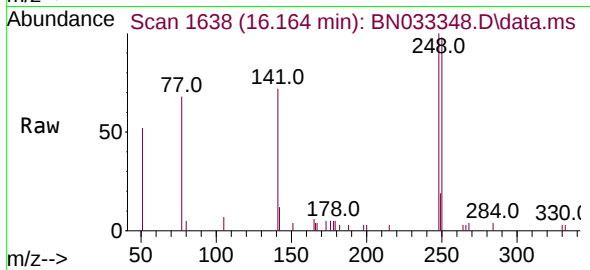
Tgt Ion:198 Resp: 353
Ion Ratio Lower Upper
198 100
51 150.4 62.8 94.2#
105 82.4 34.1 51.1#





#21
4-Bromophenyl-phenylether
Concen: 0.199 ng
RT: 16.164 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

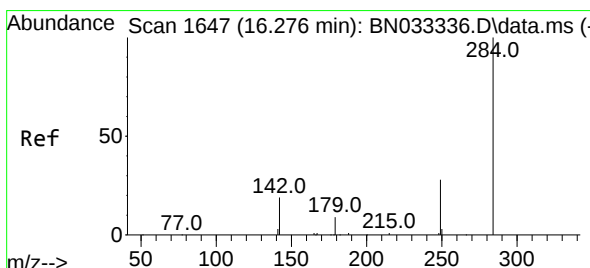
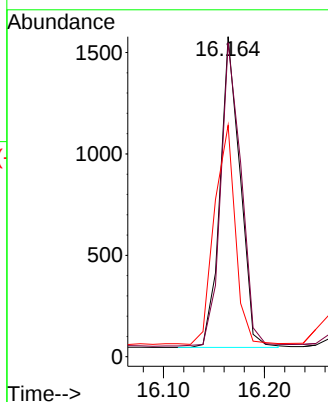
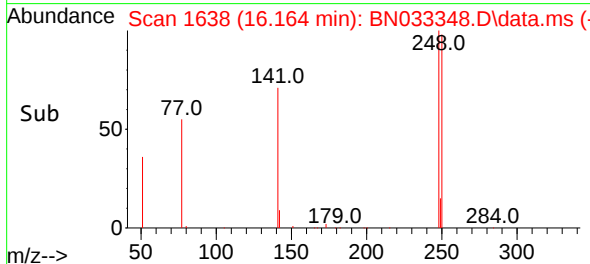
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



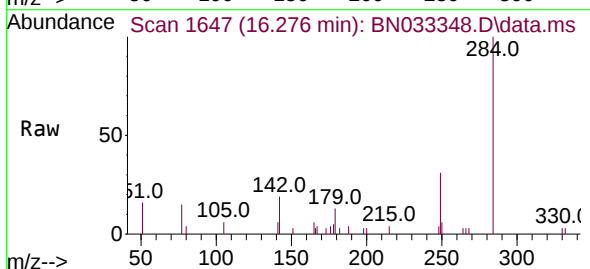
Tgt Ion:248 Resp: 211
Ion Ratio Lower Upper
248 100
250 98.1 73.0 109.4
141 72.3 64.6 96.8

Manual Integrations
APPROVED

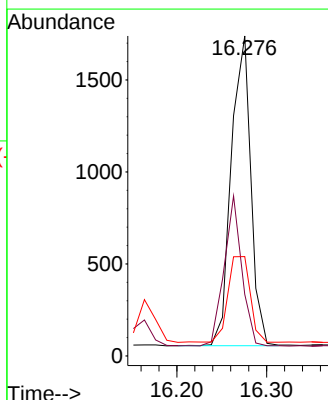
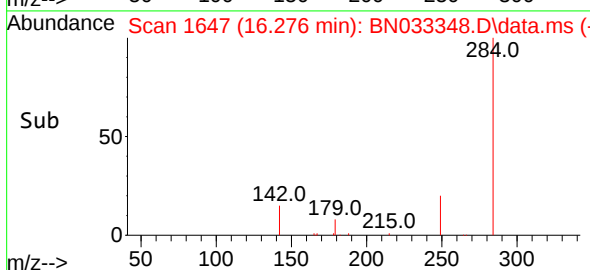
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

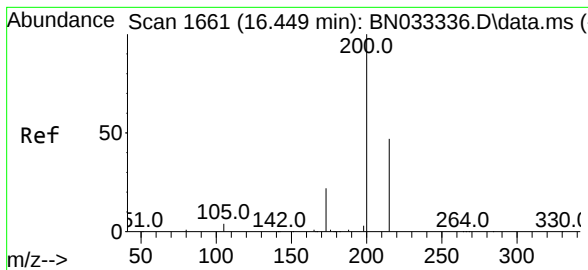


#22
Hexachlorobenzene
Concen: 0.214 ng
RT: 16.276 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58



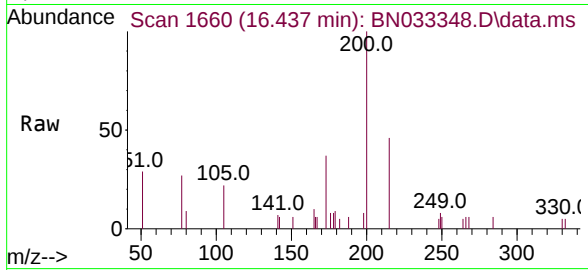
Tgt Ion:284 Resp: 2550
Ion Ratio Lower Upper
284 100
142 44.0 32.2 48.4
249 31.3 25.3 37.9





#23
 Atrazine
 Concen: 0.181 ng
 RT: 16.437 min Scan# 1660
 Delta R.T. -0.012 min
 Lab File: BN033348.D
 Acq: 12 Aug 2024 12:58

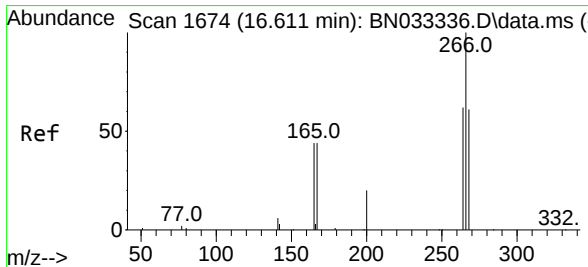
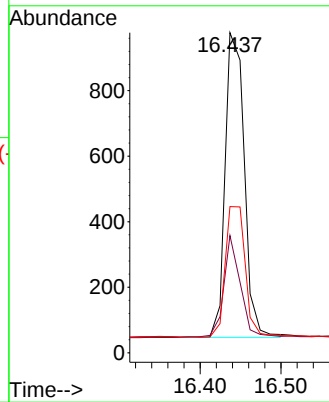
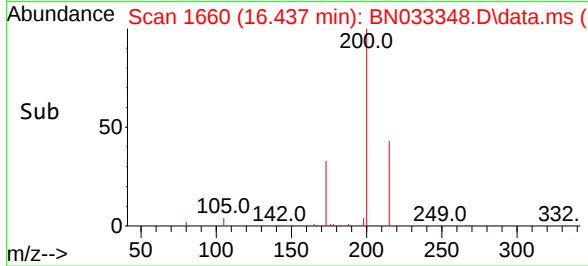
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	200	Resp:	1520
Ion Ratio	Lower	Upper	
200	100		
173	36.6	18.7	28.1
215	45.6	38.6	58.0

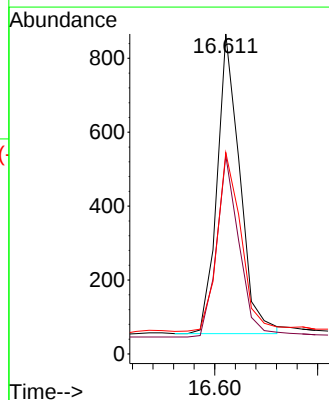
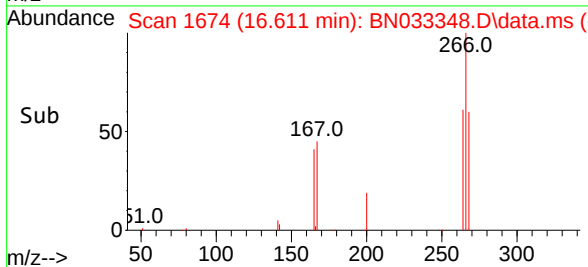
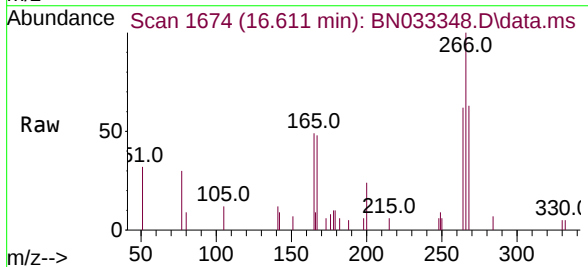
Manual Integrations
 APPROVED

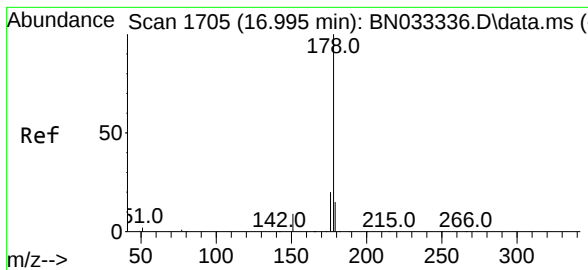
Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024



#24
 Pentachlorophenol
 Concen: 0.258 ng m
 RT: 16.611 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BN033348.D
 Acq: 12 Aug 2024 12:58

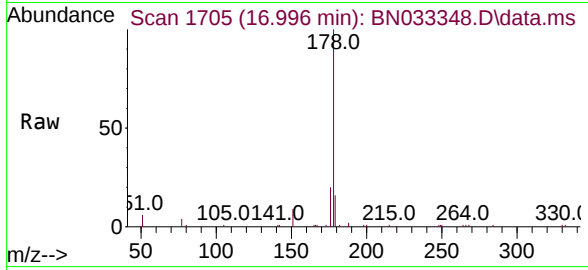
Tgt Ion:	266	Resp:	1240
Ion Ratio	Lower	Upper	
266	100		
264	61.6	49.2	73.8
268	64.2	51.2	76.8





#25
Phenanthrene
Concen: 0.220 ng
RT: 16.996 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

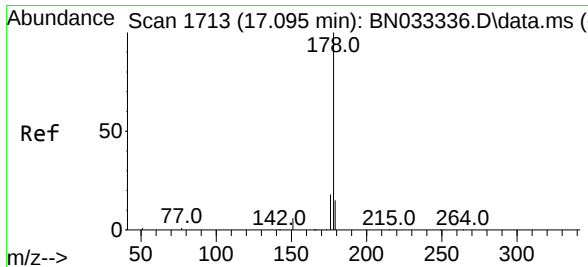
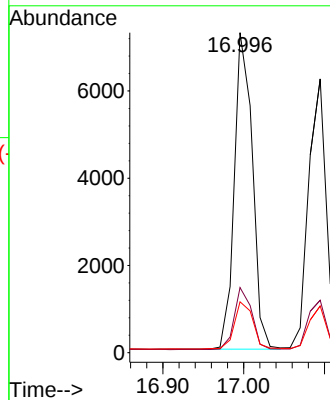
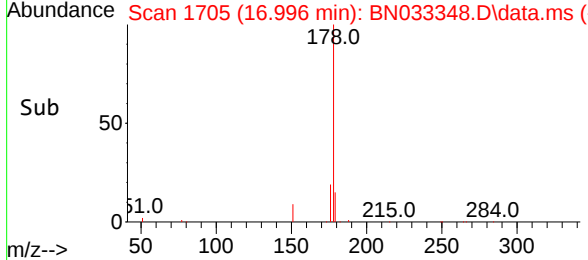
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



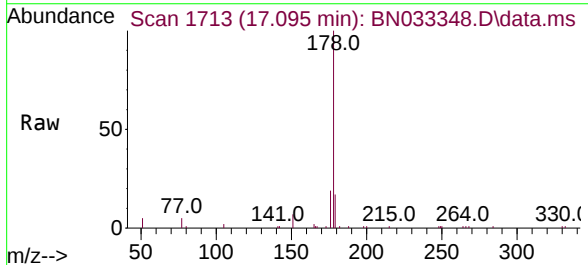
Tgt Ion:178 Resp: 1128
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.2 18.2

Manual Integrations
APPROVED

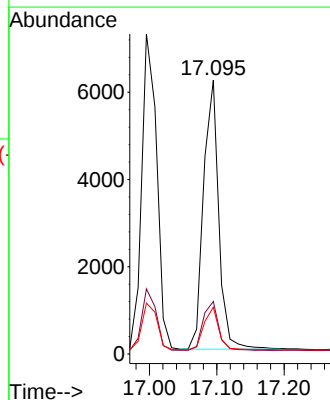
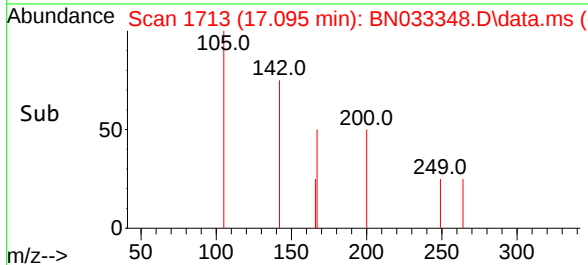
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

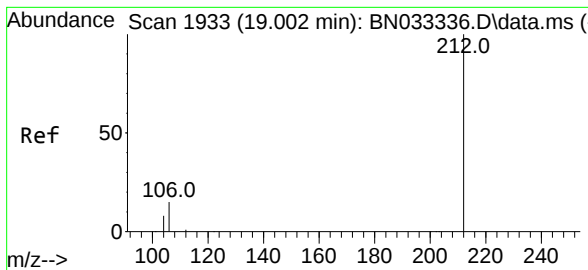


#26
Anthracene
Concen: 0.214 ng
RT: 17.095 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58



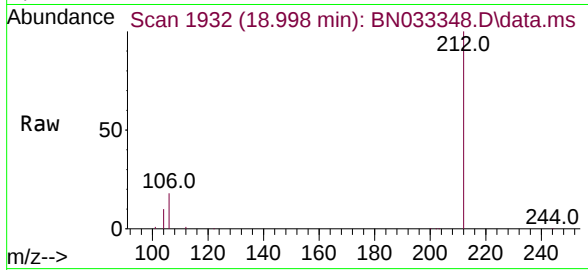
Tgt Ion:178 Resp: 9710
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.554 ng
RT: 18.998 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

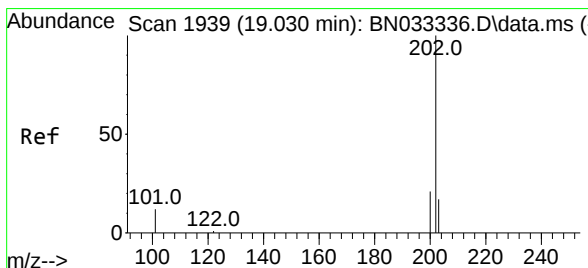
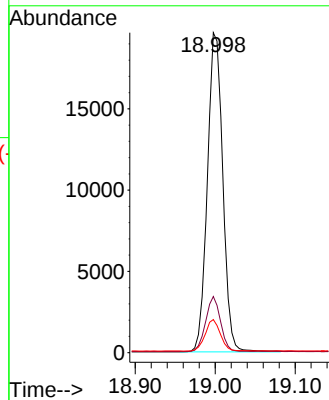
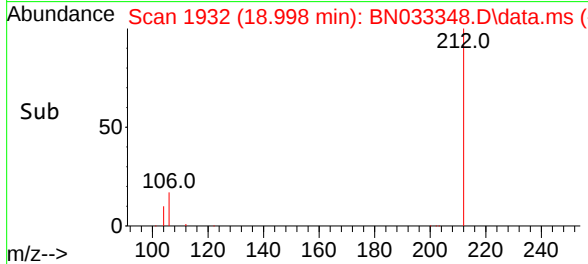
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:212 Resp: 26292
Ion Ratio Lower Upper
212 100
106 16.6 12.8 19.2
104 9.7 7.1 10.7

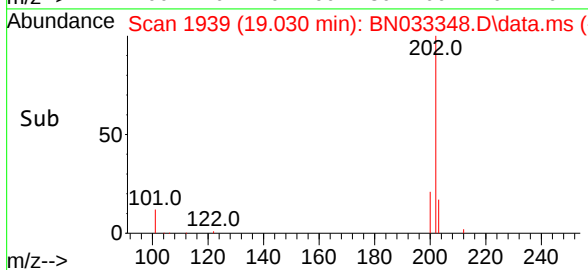
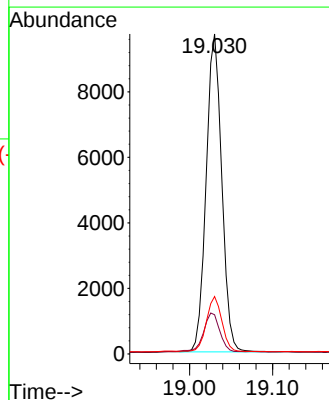
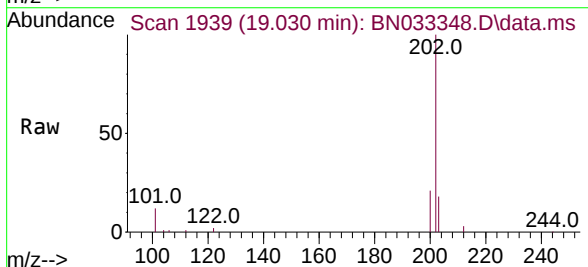
Manual Integrations
APPROVED

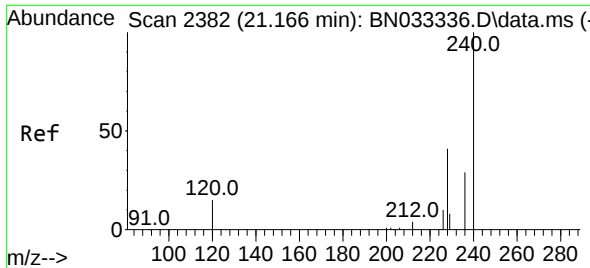
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#28
Fluoranthene
Concen: 0.201 ng
RT: 19.030 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

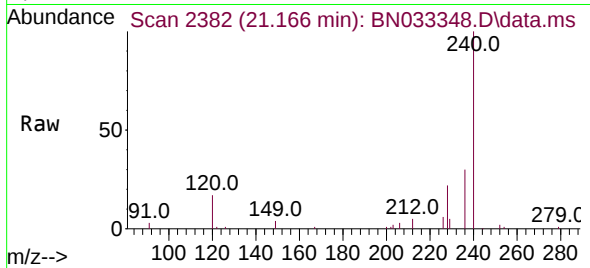
Tgt Ion:202 Resp: 12667
Ion Ratio Lower Upper
202 100
101 13.1 9.8 14.6
203 17.4 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

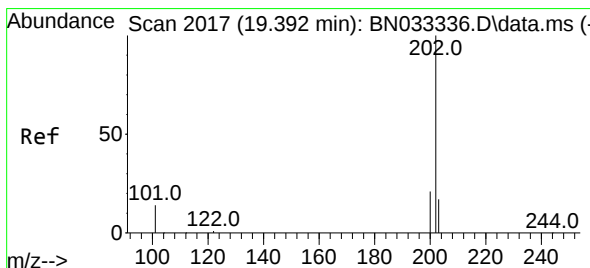
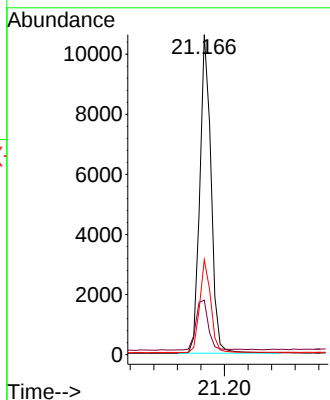
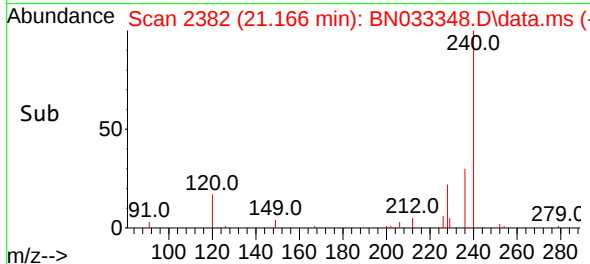
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



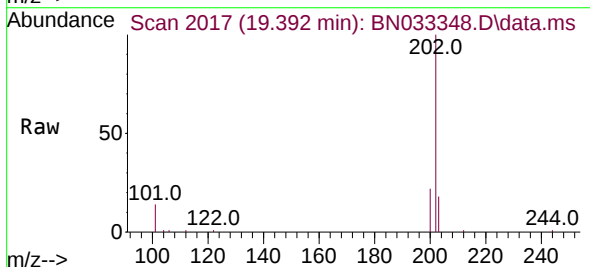
Tgt Ion:240 Resp: 1398
Ion Ratio Lower Upper
240 100
120 17.0 13.0 19.6
236 29.7 23.2 34.8

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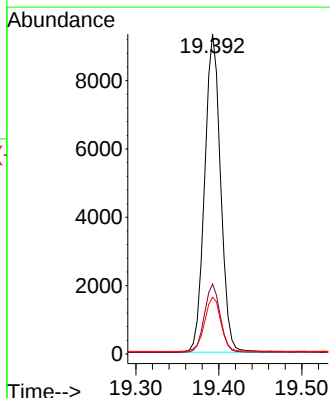
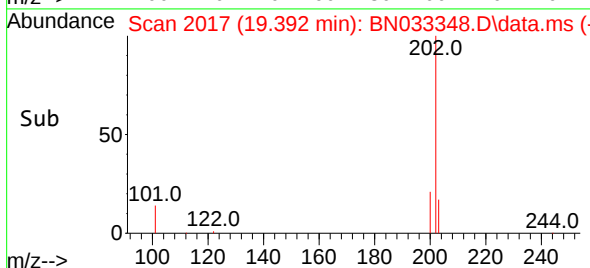
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

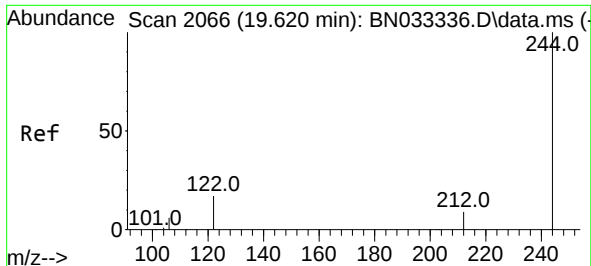


#30
Pyrene
Concen: 0.224 ng
RT: 19.392 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58



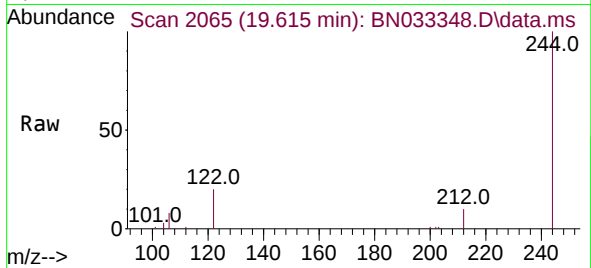
Tgt Ion:202 Resp: 12456
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.8 14.2 21.4





#31
Terphenyl-d14
Concen: 0.376 ng
RT: 19.615 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

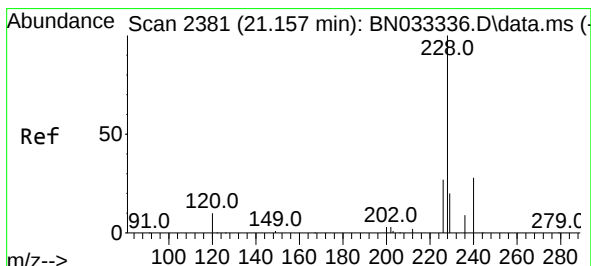
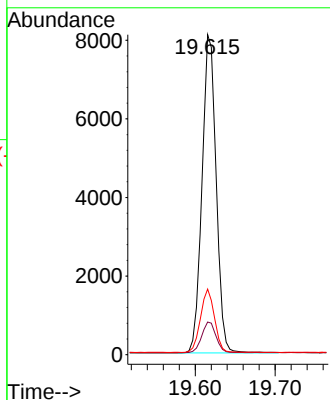
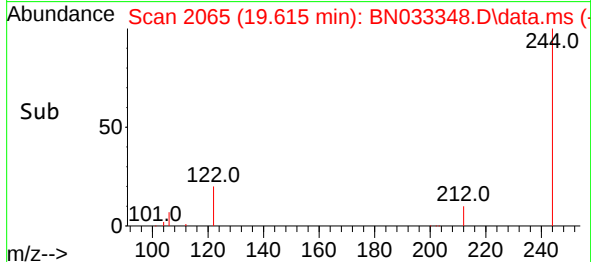
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:244 Resp: 9944
Ion Ratio Lower Upper
244 100
212 10.2 7.7 11.5
122 20.5 14.0 21.0

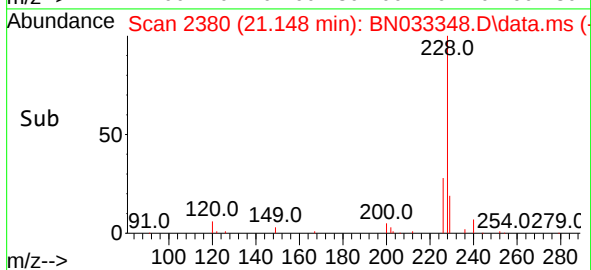
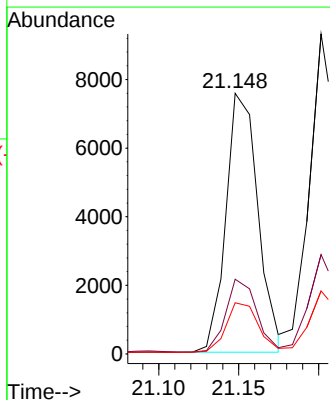
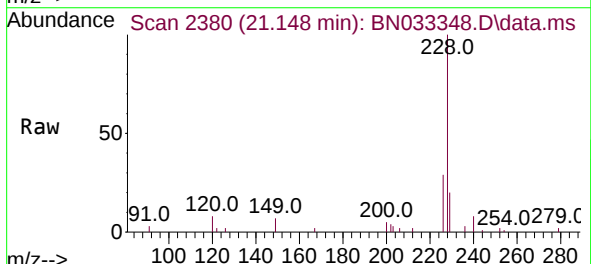
Manual Integrations
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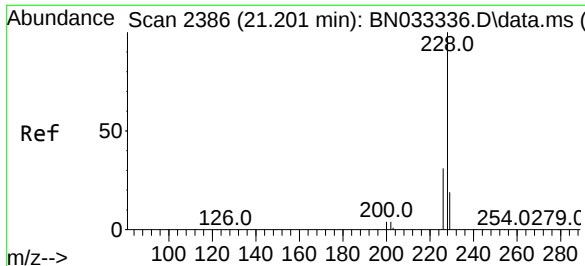
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#32
Benzo(a)anthracene
Concen: 0.202 ng
RT: 21.148 min Scan# 2380
Delta R.T. -0.009 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

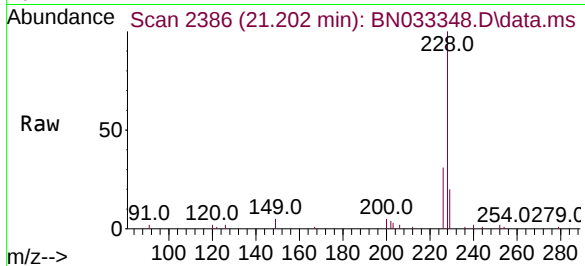
Tgt Ion:228 Resp: 10533
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 19.7 15.9 23.9





#33
Chrysene
Concen: 0.225 ng
RT: 21.202 min Scan# 21184
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

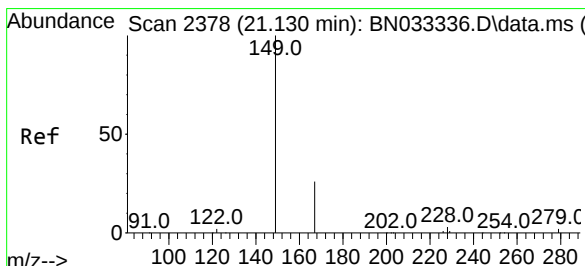
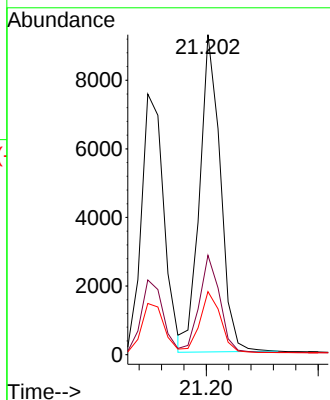
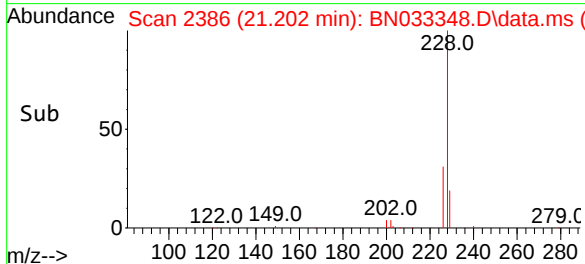
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:228 Resp: 1184
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 19.7 15.4 23.2

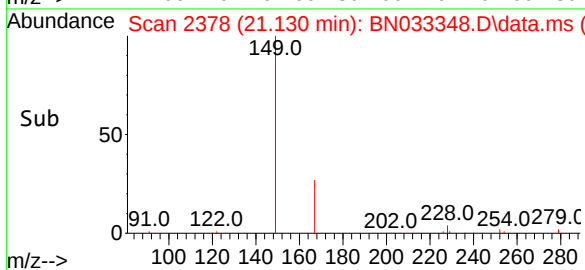
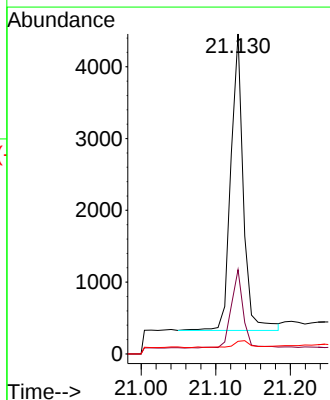
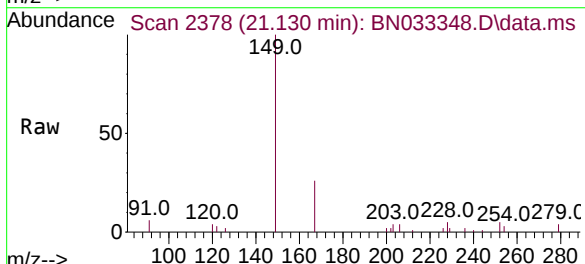
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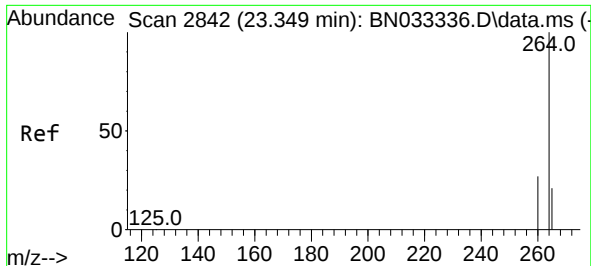
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.203 ng
RT: 21.130 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

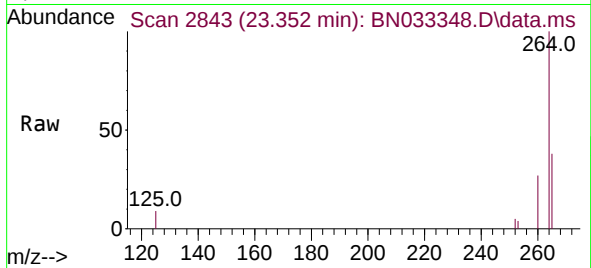
Tgt Ion:149 Resp: 4821
Ion Ratio Lower Upper
149 100
167 25.5 20.9 31.3
279 3.4 2.2 3.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.352 min Scan# 2843
 Delta R.T. 0.003 min
 Lab File: BN033348.D
 Acq: 12 Aug 2024 12:58

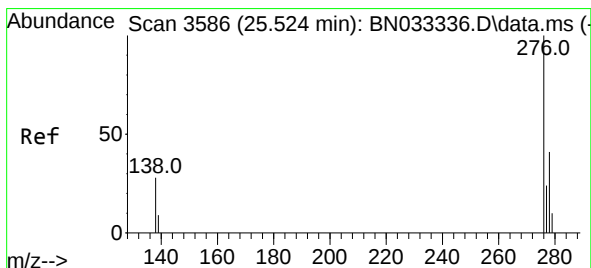
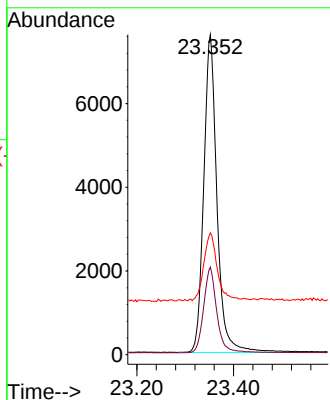
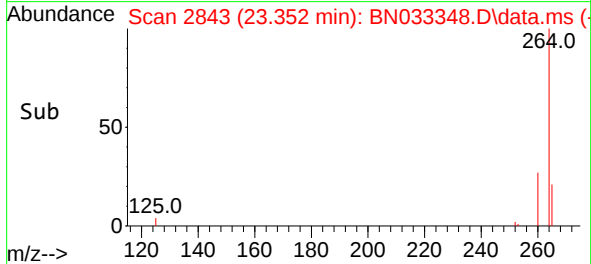
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:264 Resp: 1440
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.6 32.4
 265 38.0 29.3 43.9

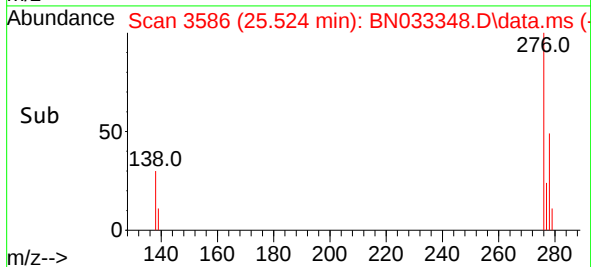
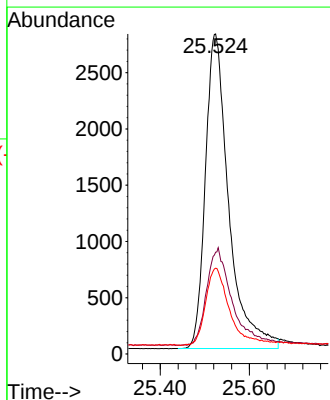
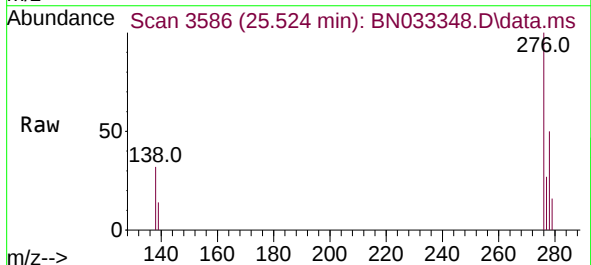
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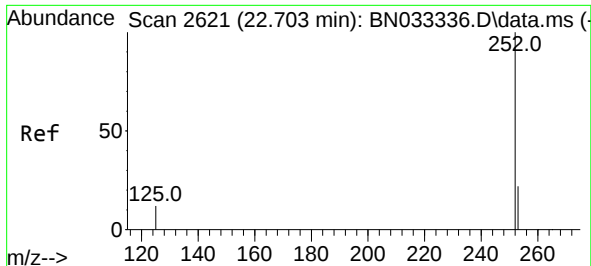
Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.171 ng
 RT: 25.524 min Scan# 3586
 Delta R.T. 0.000 min
 Lab File: BN033348.D
 Acq: 12 Aug 2024 12:58

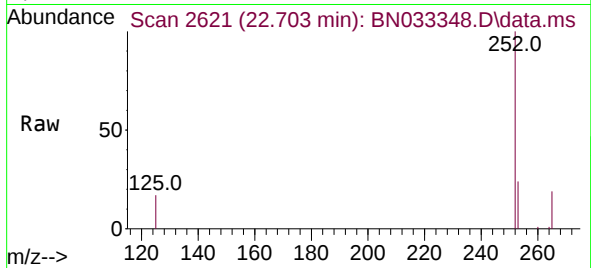
Tgt Ion:276 Resp: 10189
 Ion Ratio Lower Upper
 276 100
 138 33.8 24.9 37.3
 277 24.5 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.198 ng
RT: 22.703 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

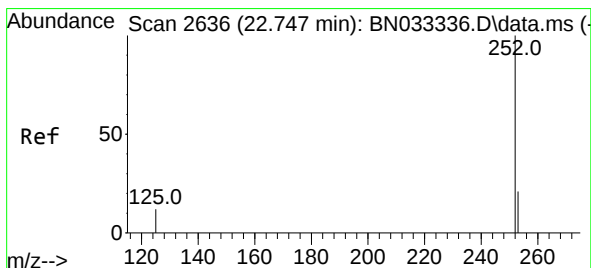
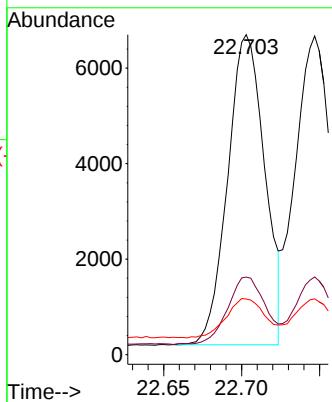
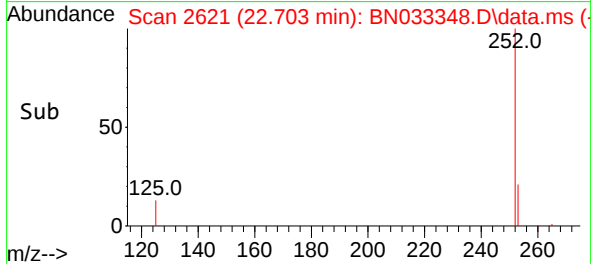
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



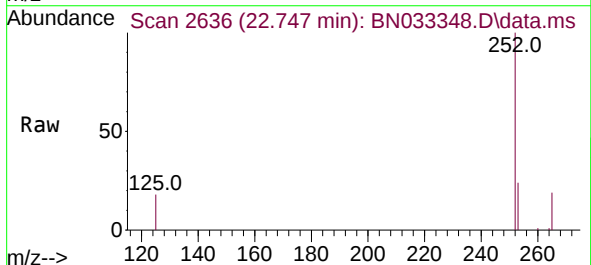
Tgt Ion:252 Resp: 10719
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 17.4 11.3 16.9

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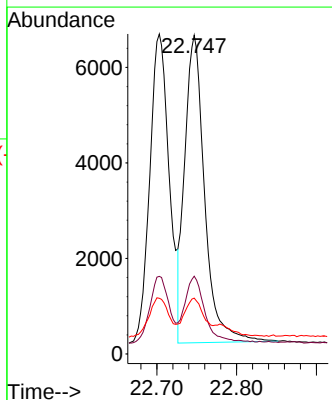
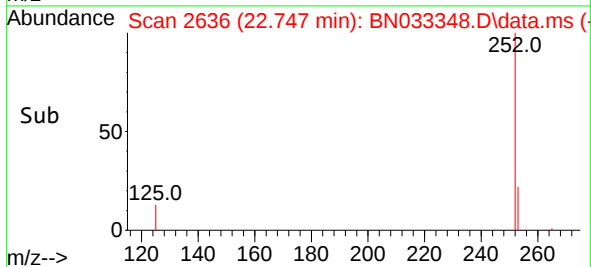
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

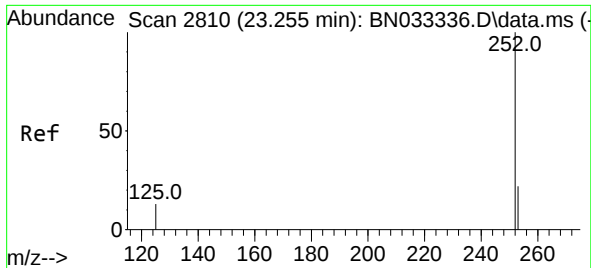


#38
Benzo(k)fluoranthene
Concen: 0.202 ng
RT: 22.747 min Scan# 2636
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58



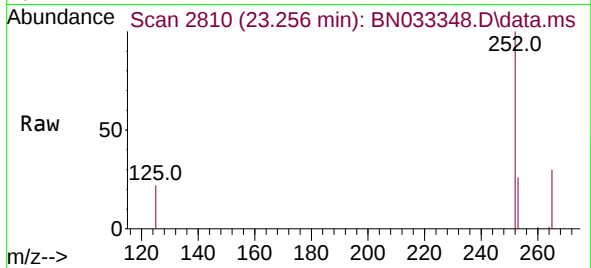
Tgt Ion:252 Resp: 11150
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 17.5 11.3 16.9





#39
Benzo(a)pyrene
Concen: 0.184 ng
RT: 23.256 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

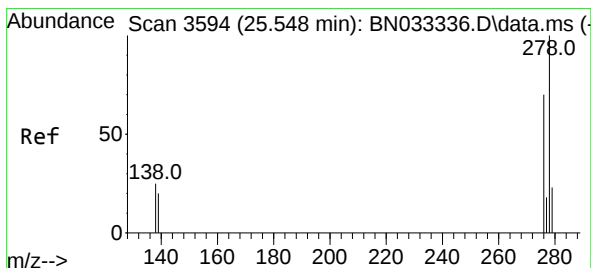
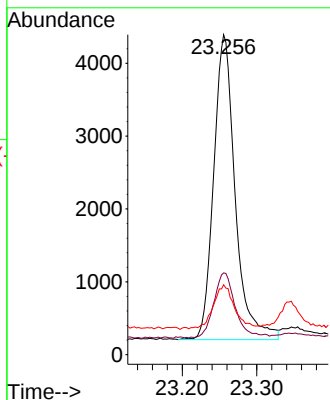
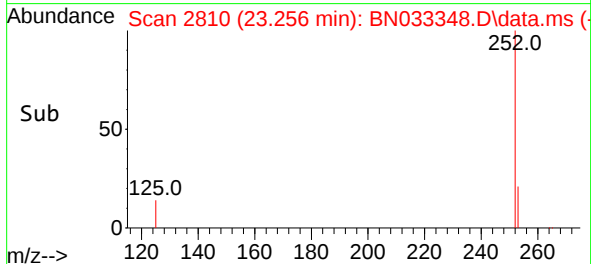
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:252 Resp: 838
Ion Ratio Lower Upper
252 100
253 25.6 18.6 28.0
125 21.8 12.6 19.0

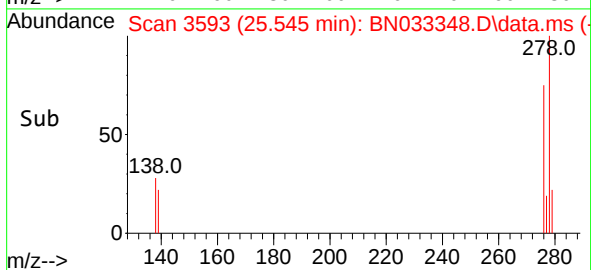
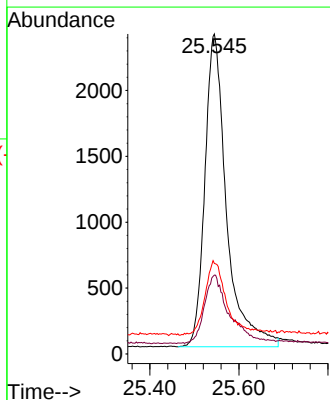
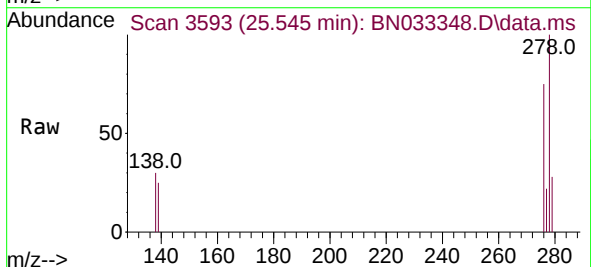
Manual Integrations
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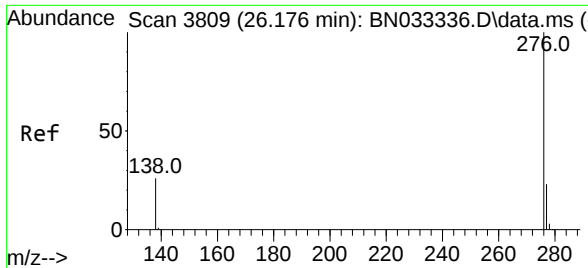
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.171 ng
RT: 25.545 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN033348.D
Acq: 12 Aug 2024 12:58

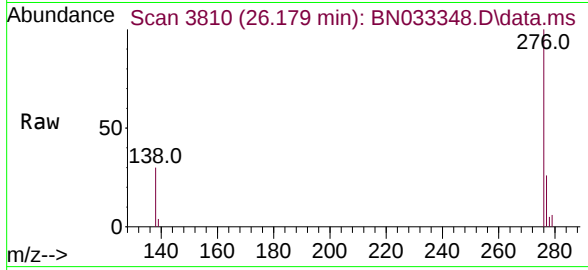
Tgt Ion:278 Resp: 8042
Ion Ratio Lower Upper
278 100
139 24.7 17.0 25.6
279 28.3 20.0 30.0





#41
 Benzo(g,h,i)perylene
 Concen: 0.173 ng
 RT: 26.179 min Scan# 3809
 Delta R.T. 0.003 min
 Lab File: BN033348.D
 Acq: 12 Aug 2024 12:58

Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	276	Resp:	9000
Ion Ratio	Lower	Upper	
276	100		
277	26.2	19.4	29.2
138	29.9	21.6	32.4

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

