

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
 Data File : BN033349.D
 Acq On : 12 Aug 2024 13:34
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 12 14:11:58 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4341	0.400	ng	0.00
7) Naphthalene-d8	10.338	136	11777	0.400	ng	0.00
13) Acenaphthene-d10	14.212	164	6946	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	17272	0.400	ng	0.00
29) Chrysene-d12	21.166	240	13700	0.400	ng	0.00
35) Perylene-d12	23.352	264	13748	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	3345	0.279	ng	0.00
5) Phenol-d6	6.749	99	4757	0.294	ng	0.00
8) Nitrobenzene-d5	8.704	82	3114	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	9481	0.523	ng	0.00
14) 2,4,6-Tribromophenol	15.704	330	922	0.259	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	9956	0.350	ng	0.00
27) Fluoranthene-d10	18.997	212	24677	0.534	ng	0.00
31) Terphenyl-d14	19.620	244	9754	0.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	598m	0.124	ng	
3) n-Nitrosodimethylamine	3.492	42	718	0.116	ng	90
6) bis(2-Chloroethyl)ether	7.009	93	1426	0.109	ng	96
9) Naphthalene	10.391	128	3501	0.108	ng	# 95
10) Hexachlorobutadiene	10.690	225	674	0.109	ng	# 100
12) 2-Methylnaphthalene	12.011	142	2275	0.104	ng	94
16) Acenaphthylene	13.924	152	3280	0.101	ng	99
17) Acenaphthene	14.276	154	2205	0.099	ng	96
18) Fluorene	15.260	166	2964	0.101	ng	98
20) 4,6-Dinitro-2-methylph...	15.345	198	155	0.074	ng	# 1
21) 4-Bromophenyl-phenylether	16.164	248	1011	0.098	ng	93
22) Hexachlorobenzene	16.275	284	1191	0.103	ng	98
23) Atrazine	16.437	200	717	0.087	ng	# 90
24) Pentachlorophenol	16.611	266	206	0.044	ng	96
25) Phenanthrene	16.995	178	5255	0.105	ng	99
26) Anthracene	17.095	178	4403	0.100	ng	99
28) Fluoranthene	19.030	202	6007	0.098	ng	98
30) Pyrene	19.392	202	5962	0.109	ng	100
32) Benzo(a)anthracene	21.157	228	5026	0.098	ng	98
33) Chrysene	21.201	228	5438	0.106	ng	98
34) Bis(2-ethylhexyl)phtha...	21.130	149	2428	0.104	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.518	276	4696	0.083	ng	98
37) Benzo(b)fluoranthene	22.703	252	5070	0.098	ng	# 86
38) Benzo(k)fluoranthene	22.747	252	5101	0.097	ng	# 86
39) Benzo(a)pyrene	23.255	252	3894	0.089	ng	# 80
40) Dibenzo(a,h)anthracene	25.548	278	3614	0.081	ng	# 83
41) Benzo(g,h,i)perylene	26.173	276	4242	0.085	ng	# 90

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

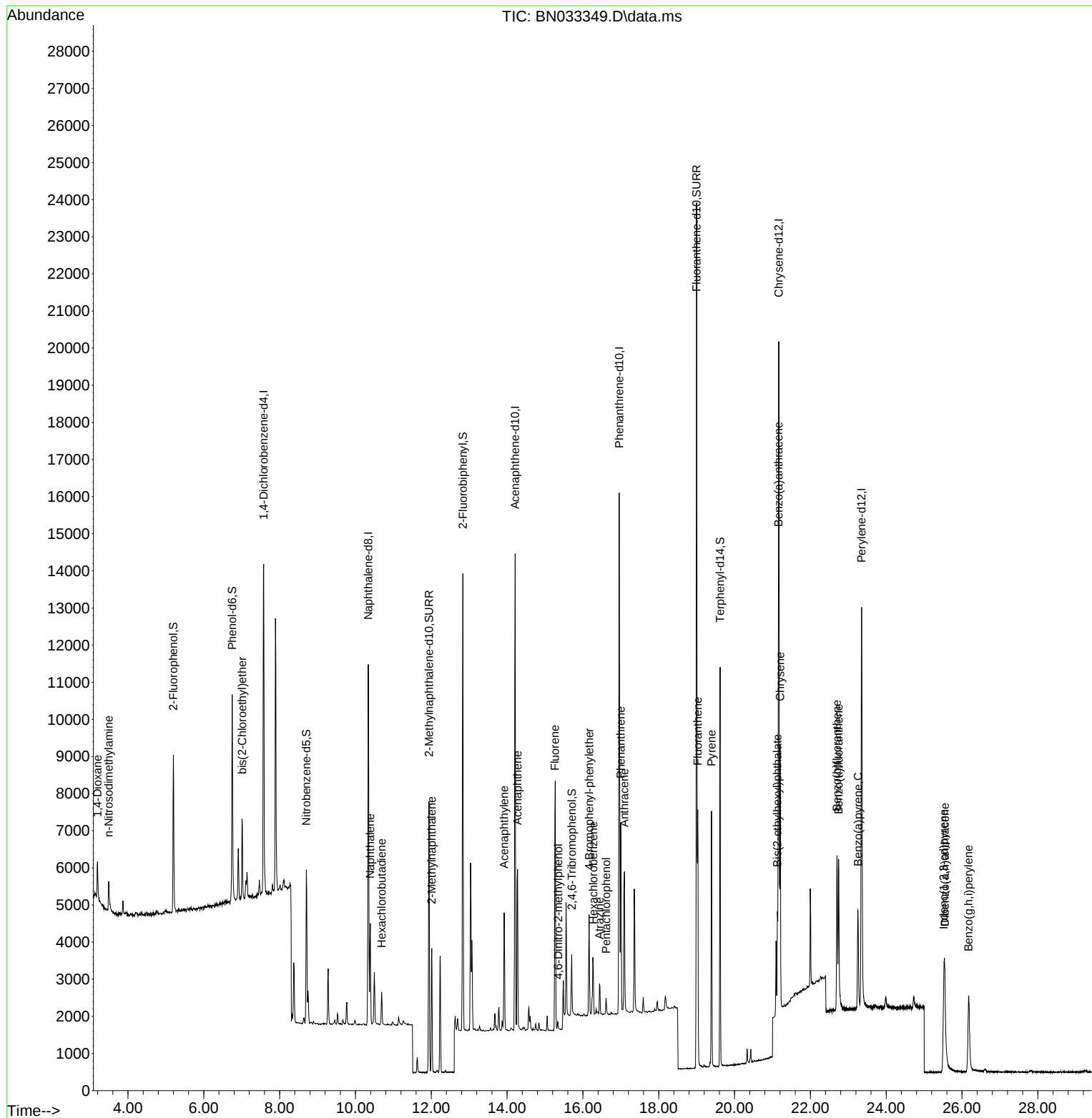
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
 Data File : BN033349.D
 Acq On : 12 Aug 2024 13:34
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 7 Sample Multiplier: 1

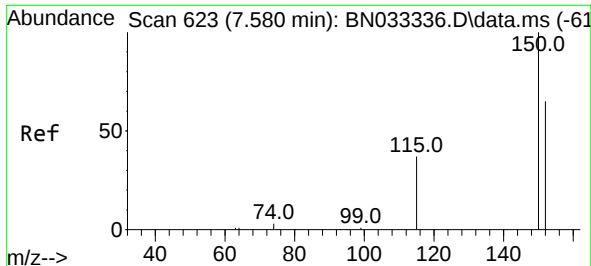
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Aug 12 14:11:58 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
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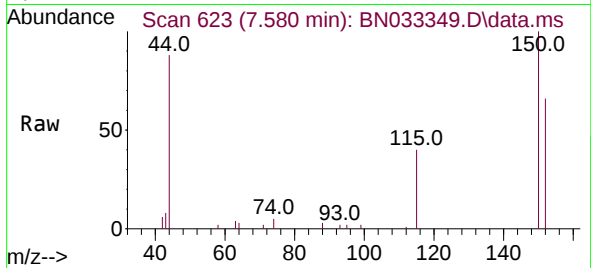
Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.580 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

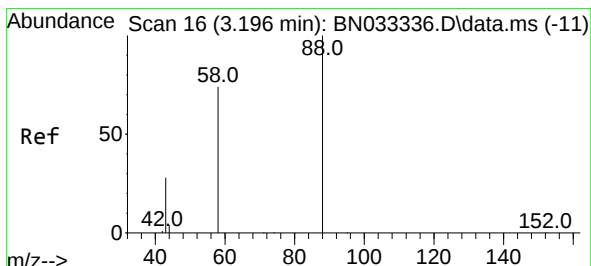
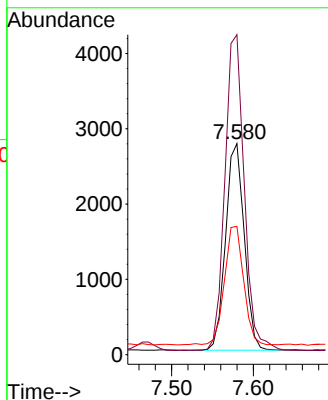
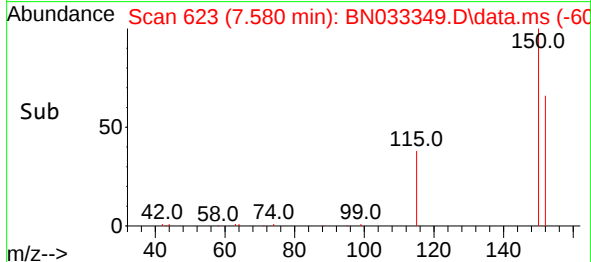
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:152 Resp: 434
Ion Ratio Lower Upper
152 100
150 151.6 122.3 183.5
115 60.8 48.8 73.2

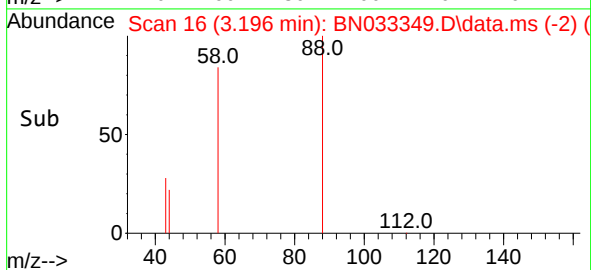
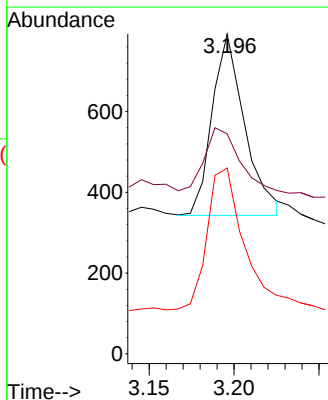
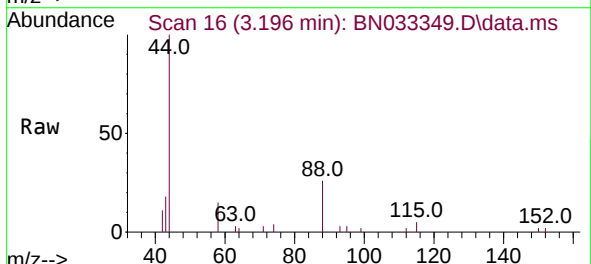
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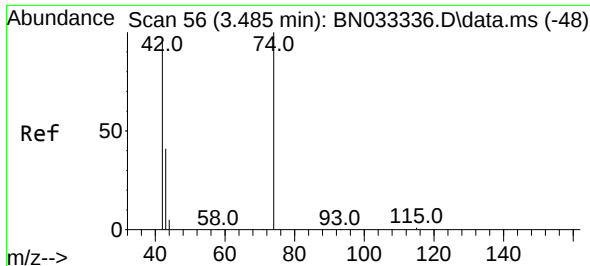
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#2
1,4-Dioxane
Concen: 0.124 ng m
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

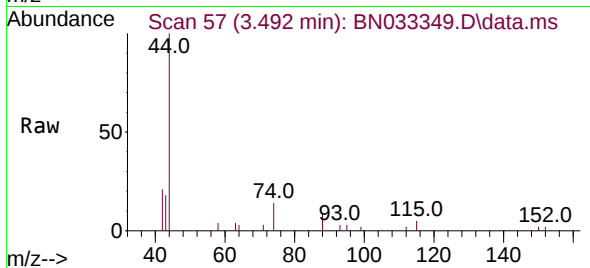
Tgt Ion: 88 Resp: 598
Ion Ratio Lower Upper
88 100
43 46.7 30.6 46.0#
58 94.8 64.5 96.7





#3
 n-Nitrosodimethylamine
 Concen: 0.116 ng
 RT: 3.492 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

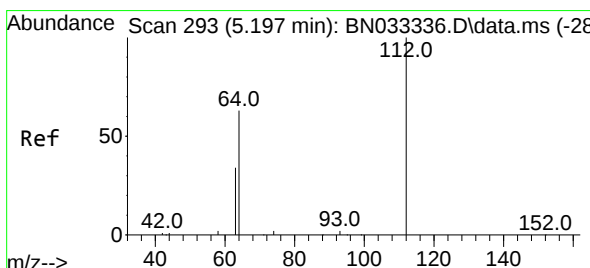
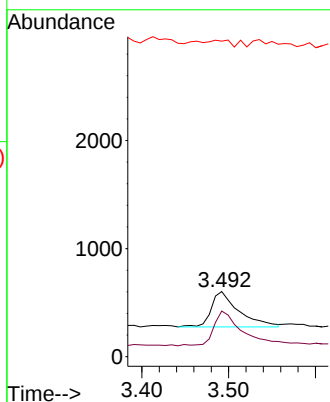
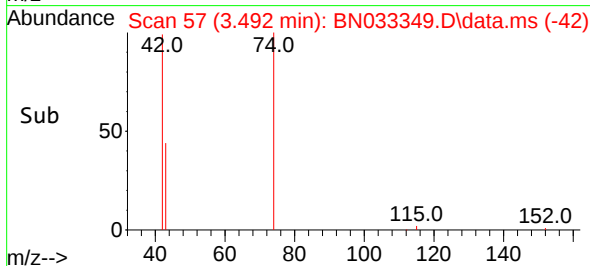
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



Tgt Ion: 42 Resp: 718
 Ion Ratio Lower Upper
 42 100
 74 99.9 89.0 133.6
 44 14.1 11.0 16.4

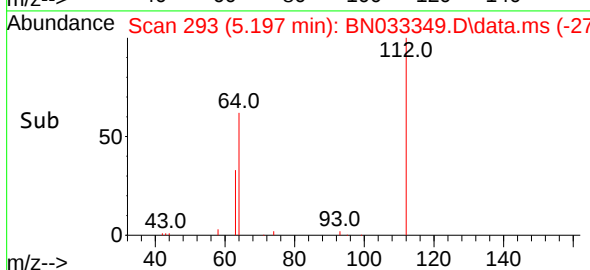
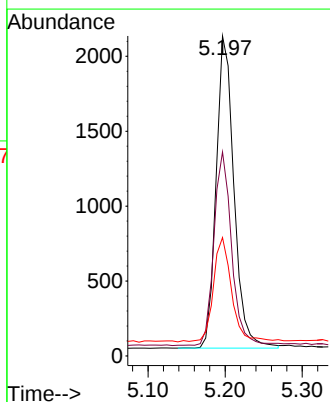
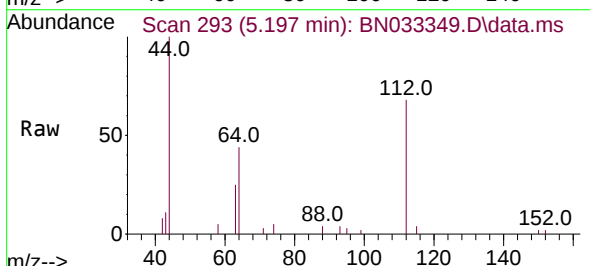
Manual Integrations
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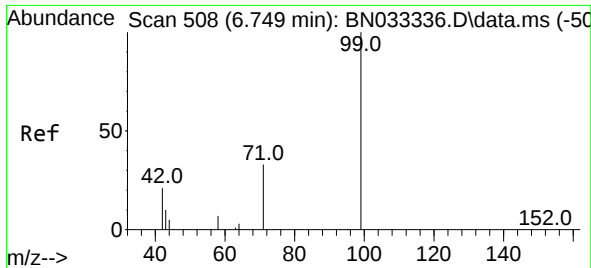
Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024



#4
 2-Fluorophenol
 Concen: 0.279 ng
 RT: 5.197 min Scan# 293
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

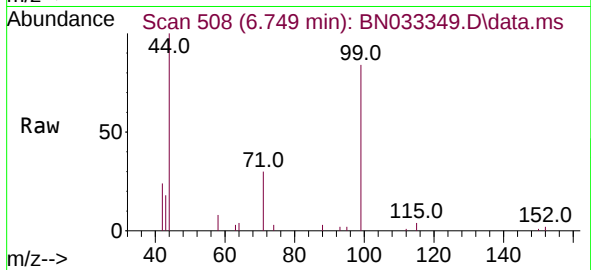
Tgt Ion:112 Resp: 3345
 Ion Ratio Lower Upper
 112 100
 64 62.0 48.1 72.1
 63 34.1 25.4 38.2





#5
Phenol-d6
Concen: 0.294 ng
RT: 6.749 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

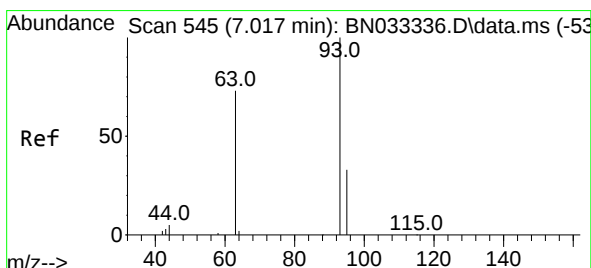
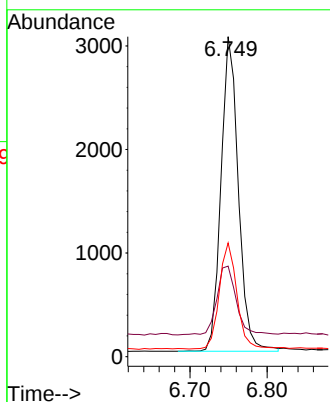
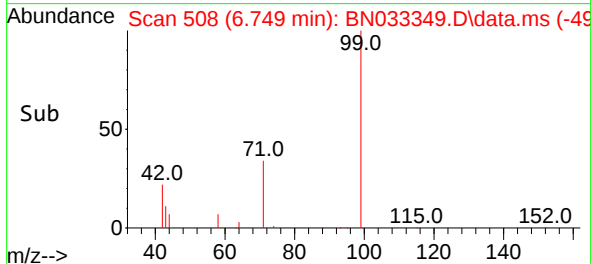
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 99 Resp: 475
Ion Ratio Lower Upper
99 100
42 24.6 18.5 27.7
71 34.2 26.2 39.2

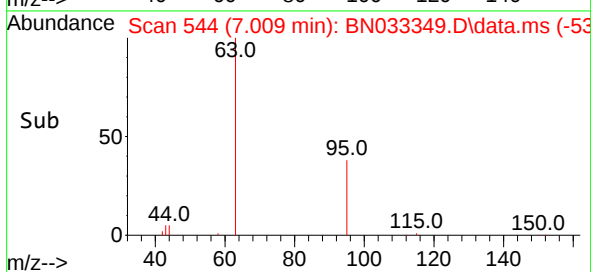
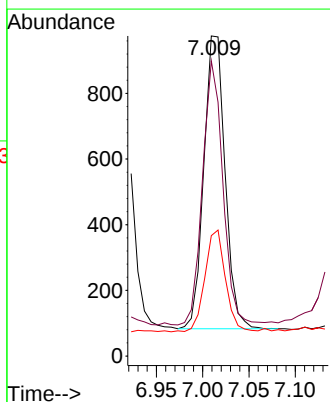
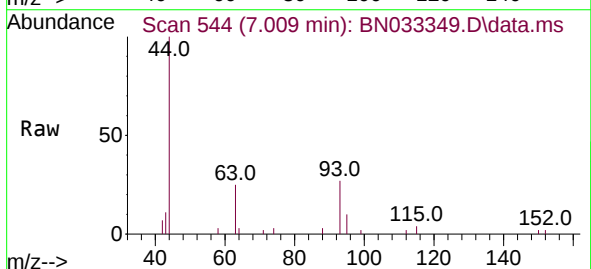
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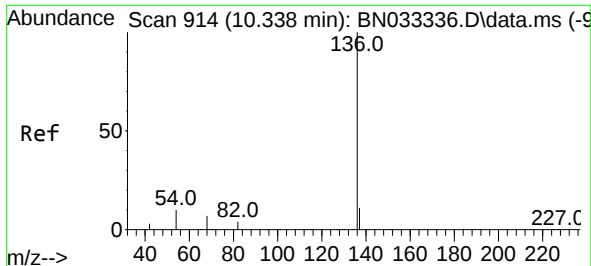
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.109 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

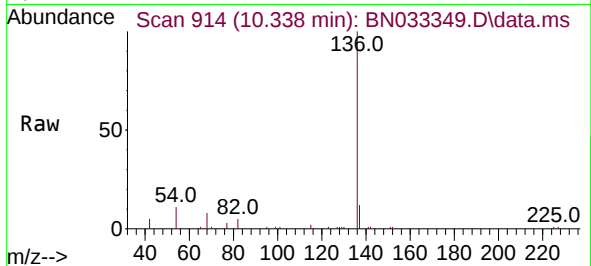
Tgt Ion: 93 Resp: 1426
Ion Ratio Lower Upper
93 100
63 86.3 65.2 97.8
95 33.5 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.338 min Scan# 914
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

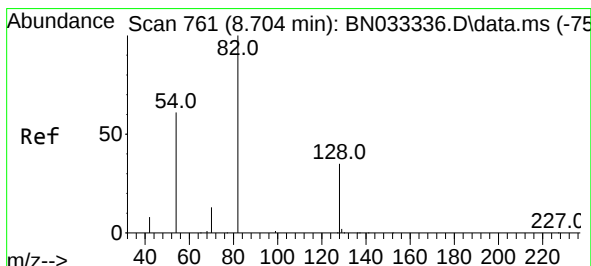
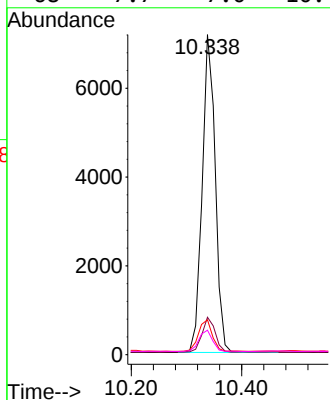
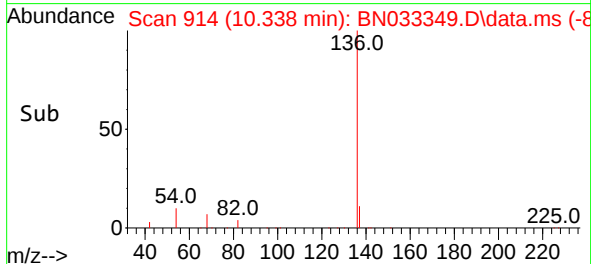
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.9	9.4	14.0
68	7.7	7.0	10.4

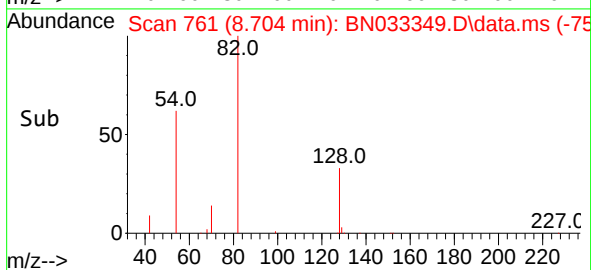
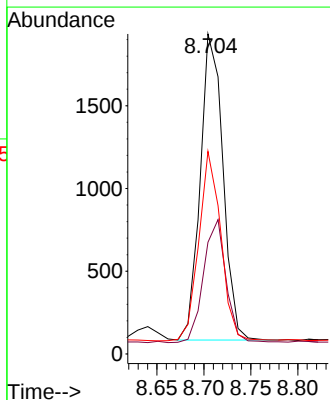
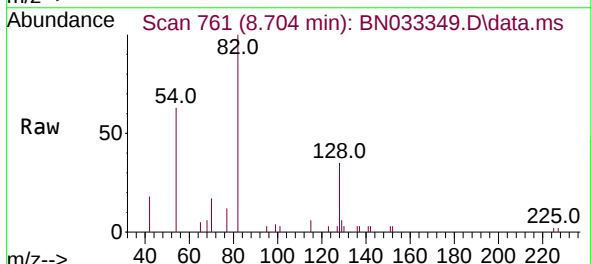
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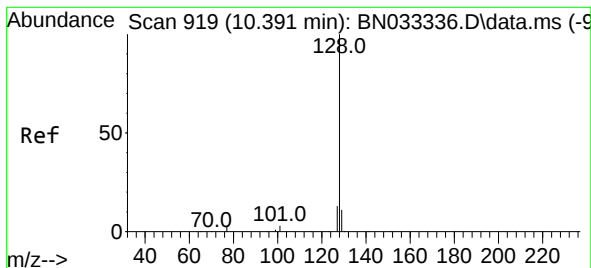
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.704 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.0	43.4
54	63.3	50.2	75.4





#9

Naphthalene

Concen: 0.108 ng

RT: 10.391 min Scan# 919

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

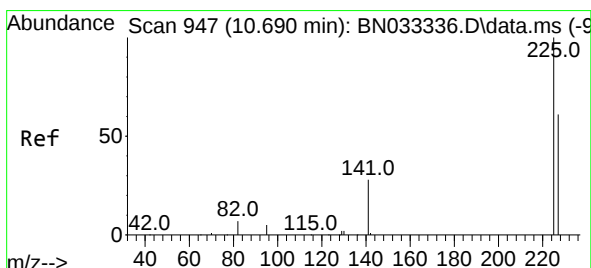
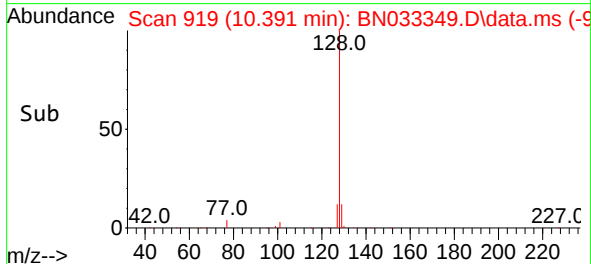
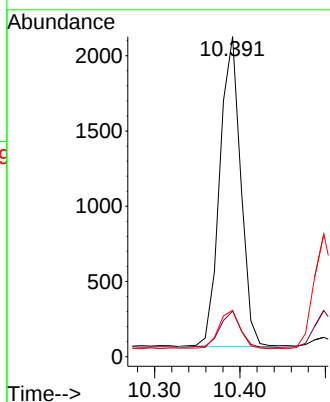
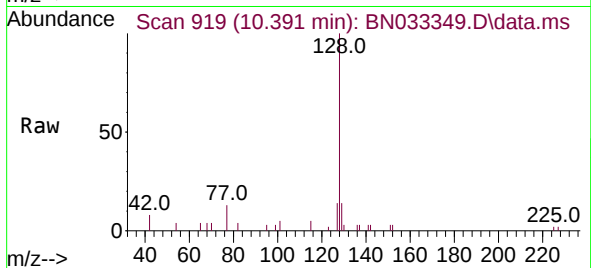
ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:	128	Resp:	350
Ion Ratio	Lower	Upper	
128	100		
129	14.2	9.2	13.8
127	14.5	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: 0.109 ng

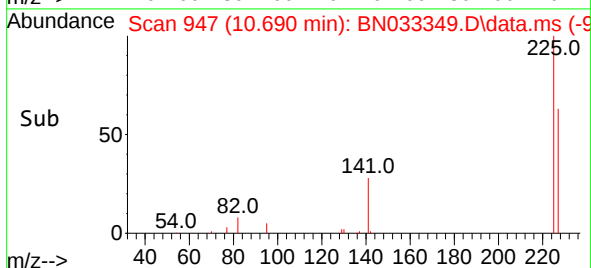
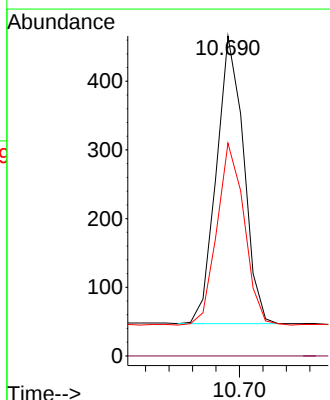
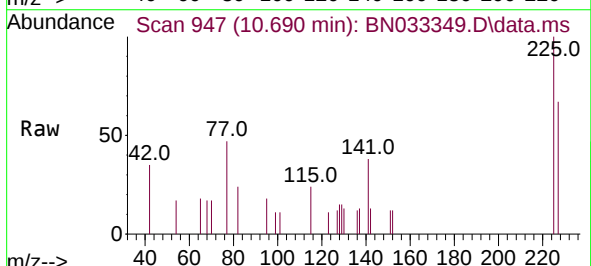
RT: 10.690 min Scan# 947

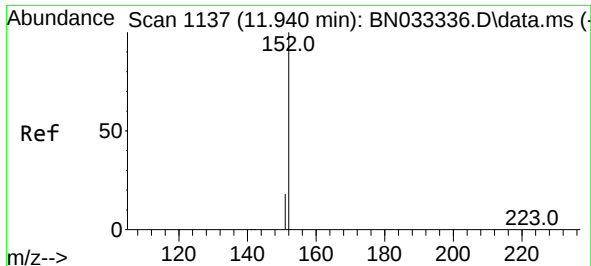
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Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

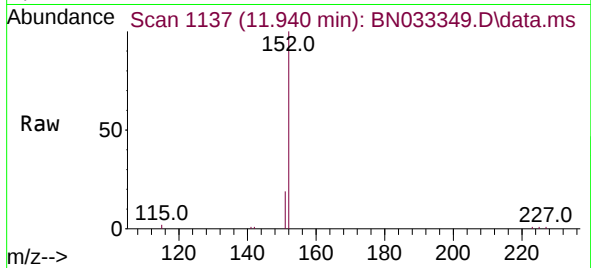
Tgt Ion:	225	Resp:	674
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.8	50.8	76.2





#11
2-Methylnaphthalene-d10
Concen: 0.523 ng
RT: 11.940 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

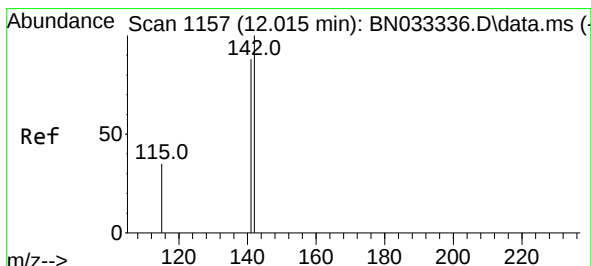
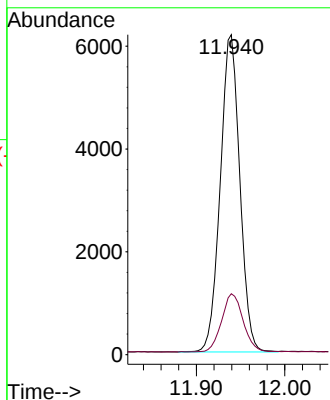
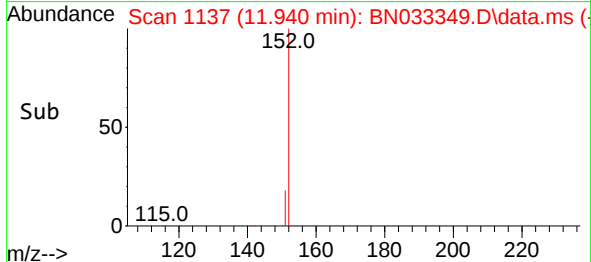
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



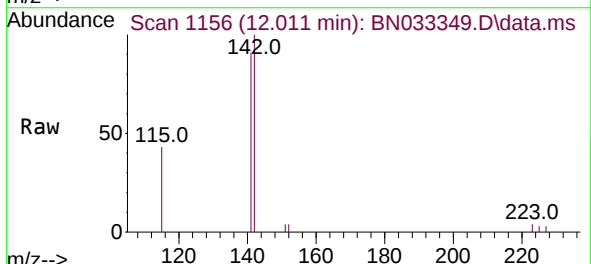
Tgt Ion:152 Resp: 948
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1

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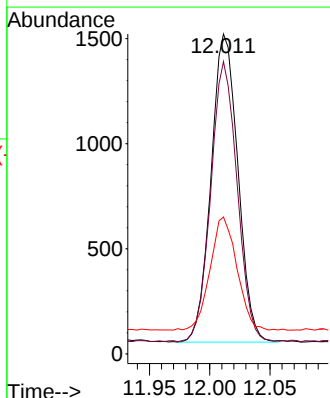
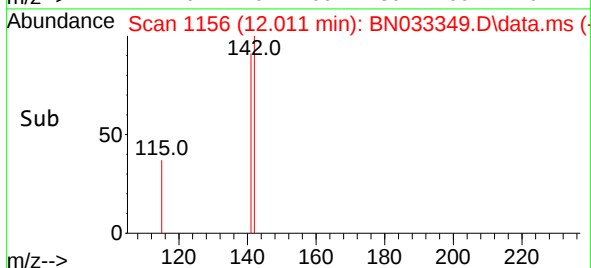
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

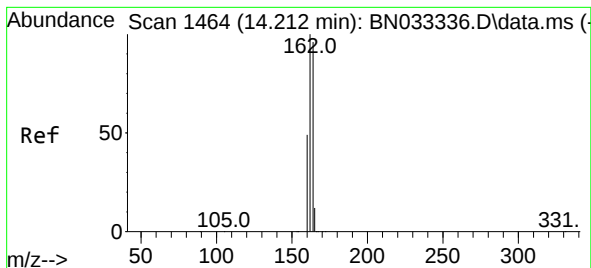


#12
2-Methylnaphthalene
Concen: 0.104 ng
RT: 12.011 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34



Tgt Ion:142 Resp: 2275
Ion Ratio Lower Upper
142 100
141 91.3 70.2 105.4
115 42.8 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: BN033349.D

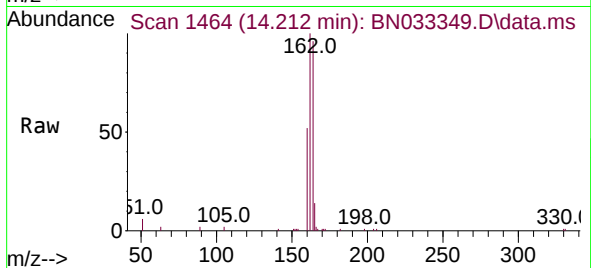
Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024



Tgt Ion:164 Resp: 6940

Ion Ratio Lower Upper

164 100

162 104.1 83.1 124.7

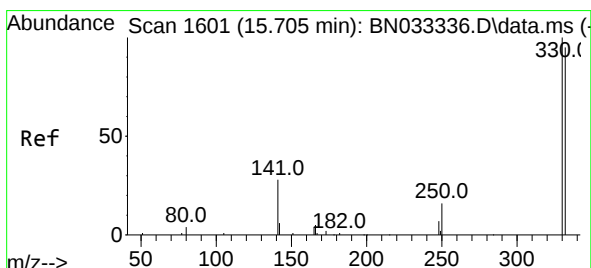
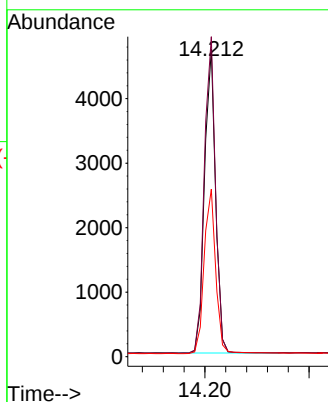
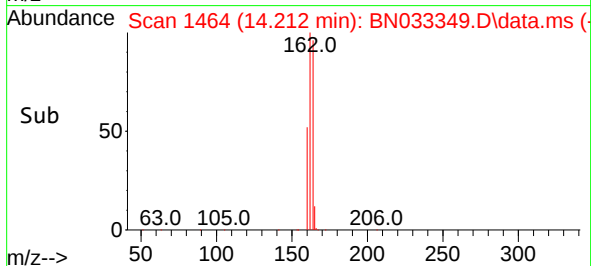
160 54.5 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024

Supervised By :mohammad ahmed 08/13/2024



#14

2,4,6-Tribromophenol

Concen: 0.259 ng

RT: 15.704 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

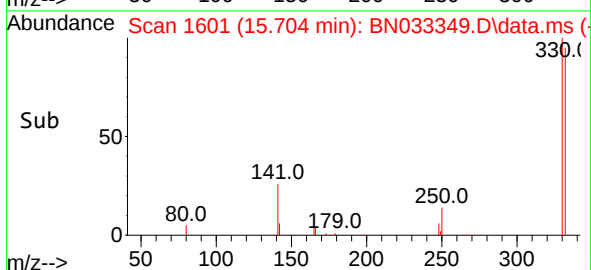
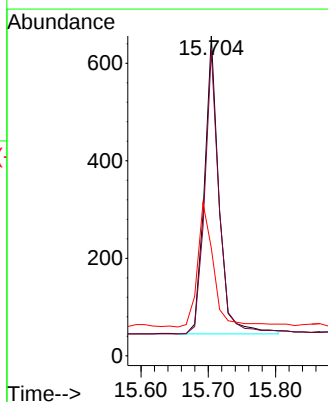
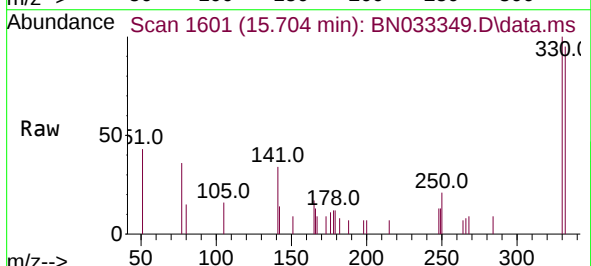
Tgt Ion:330 Resp: 922

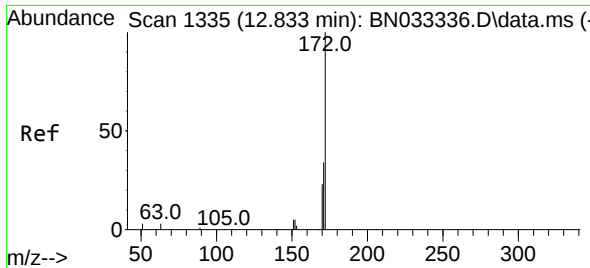
Ion Ratio Lower Upper

330 100

332 94.1 77.1 115.7

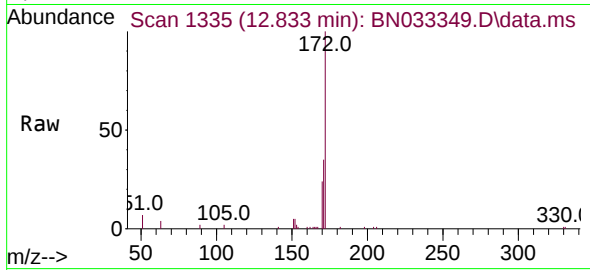
141 45.2 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

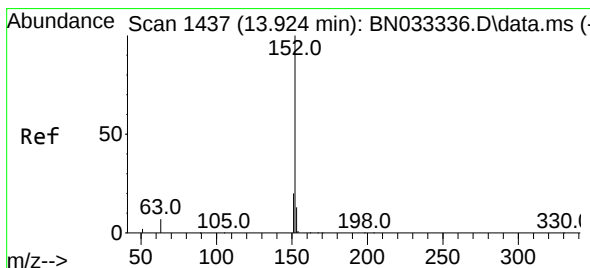
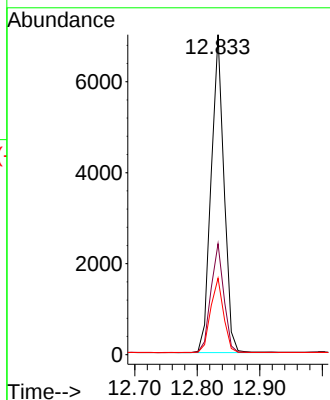
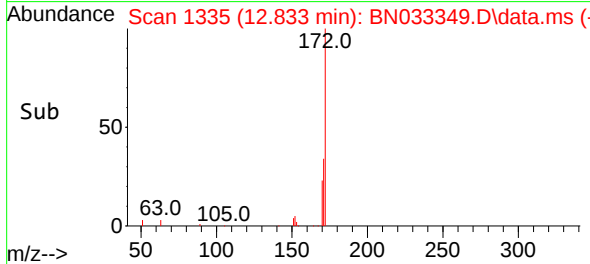
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



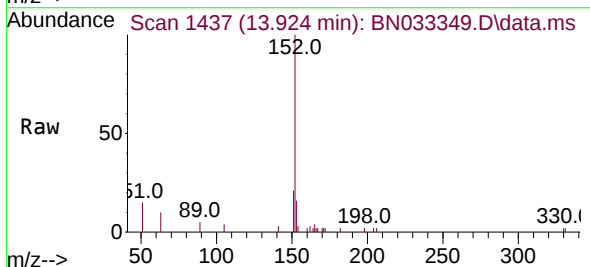
Tgt Ion:172 Resp: 9950
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.9 18.7 28.1

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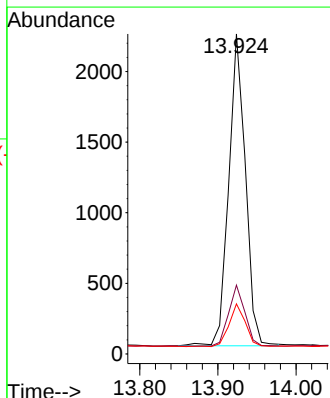
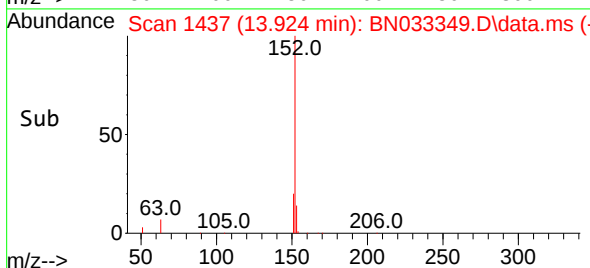
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

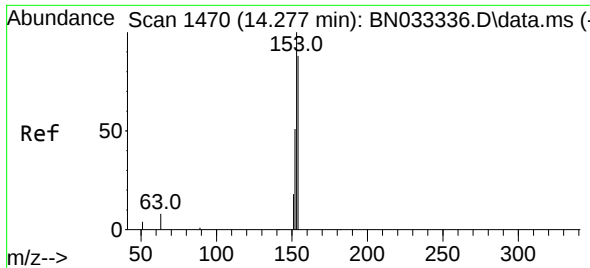


#16
Acenaphthylene
Concen: 0.101 ng
RT: 13.924 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34



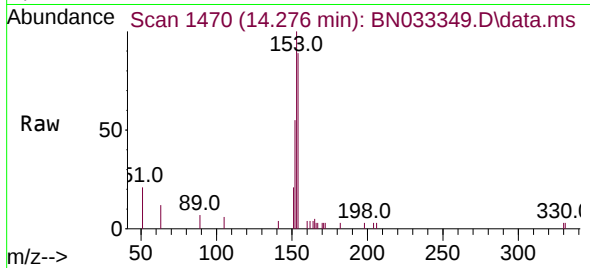
Tgt Ion:152 Resp: 3280
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.5 10.4 15.6





#17
Acenaphthene
Concen: 0.099 ng
RT: 14.276 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

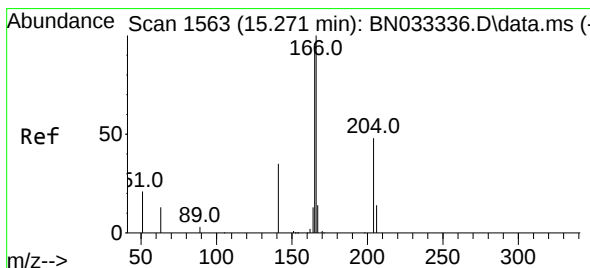
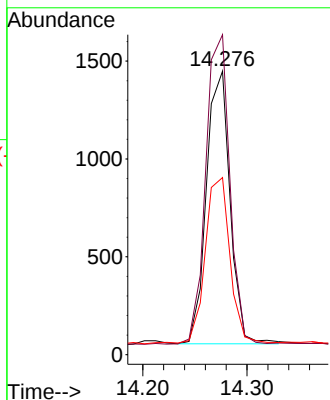
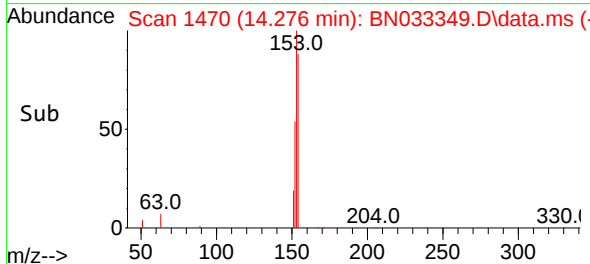
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:154 Resp: 220
Ion Ratio Lower Upper
154 100
153 115.3 89.7 134.5
152 64.2 47.2 70.8

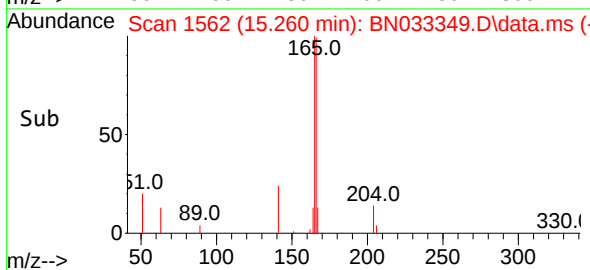
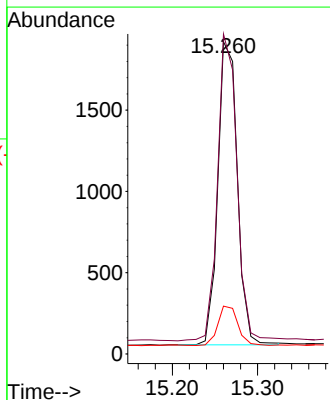
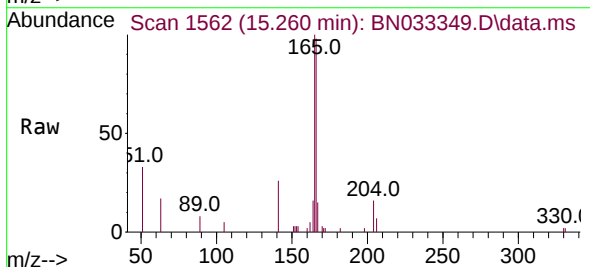
Manual Integrations
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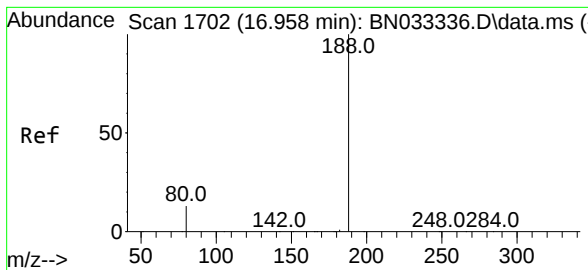
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#18
Fluorene
Concen: 0.101 ng
RT: 15.260 min Scan# 1562
Delta R.T. -0.011 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:166 Resp: 2964
Ion Ratio Lower Upper
166 100
165 100.1 78.0 117.0
167 13.4 10.7 16.1





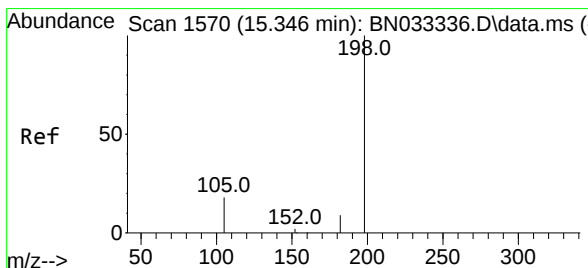
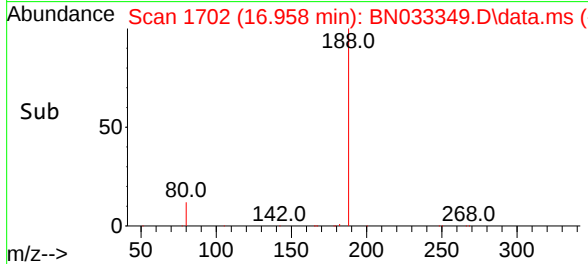
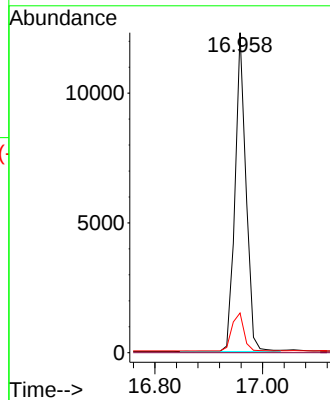
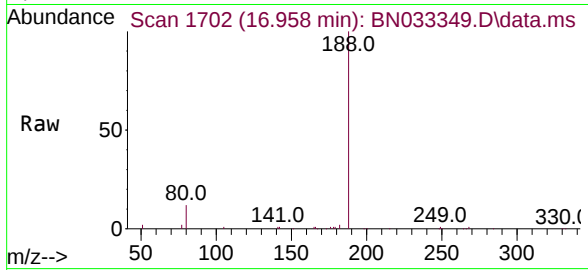
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.958 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

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

Tgt Ion:188 Resp: 1727
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 10.7 16.1

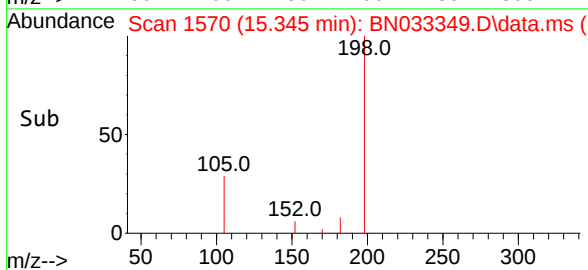
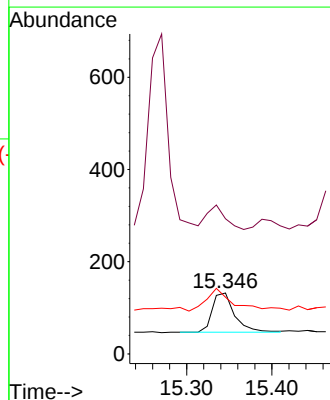
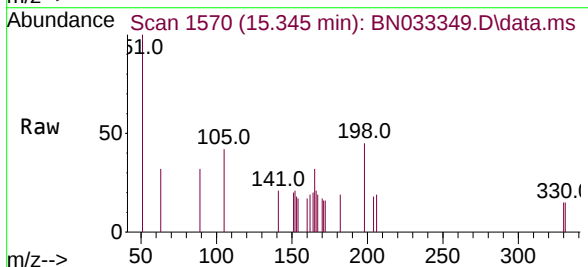
Manual Integrations
APPROVED

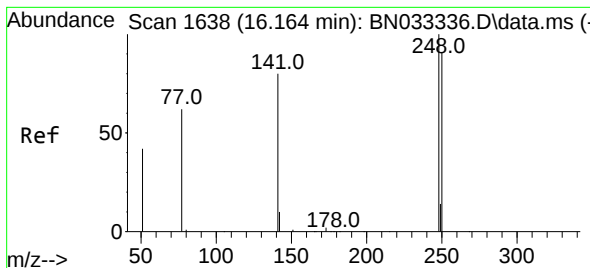
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.074 ng
RT: 15.345 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

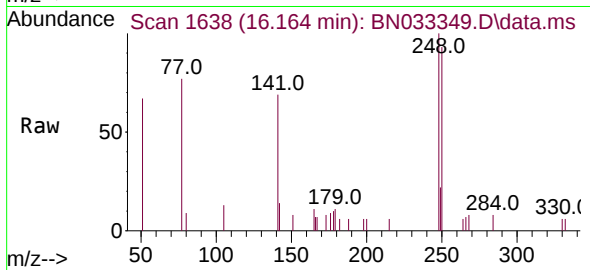
Tgt Ion:198 Resp: 155
Ion Ratio Lower Upper
198 100
51 222.0 62.8 94.2#
105 93.2 34.1 51.1#





#21
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 16.164 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

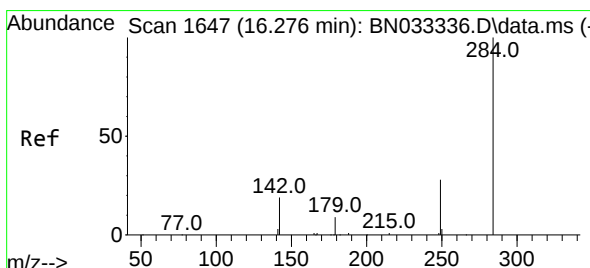
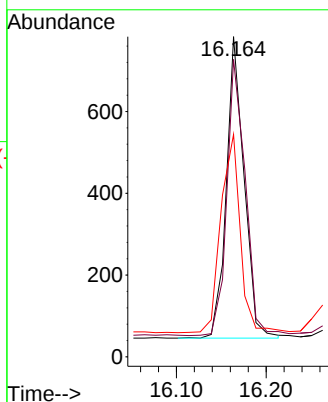
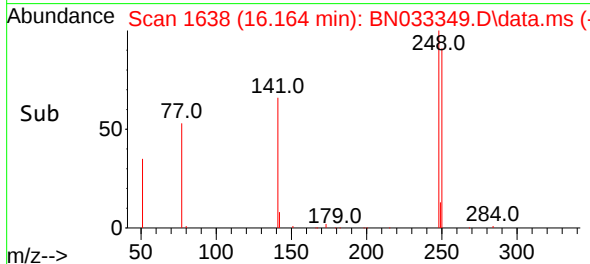
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



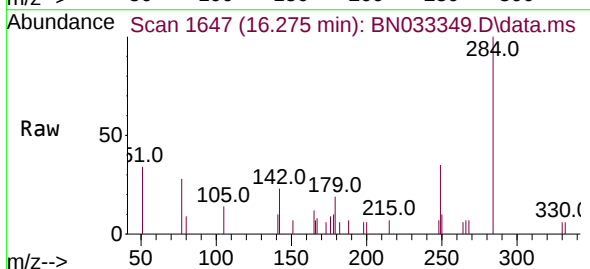
Tgt Ion: 248 Resp: 101
Ion Ratio Lower Upper
248 100
250 92.8 73.0 109.4
141 69.5 64.6 96.8

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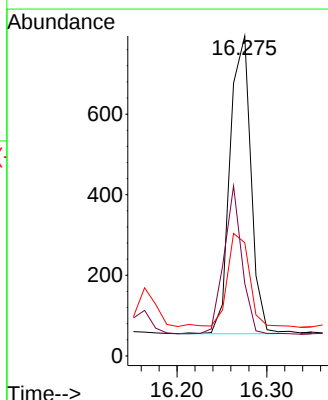
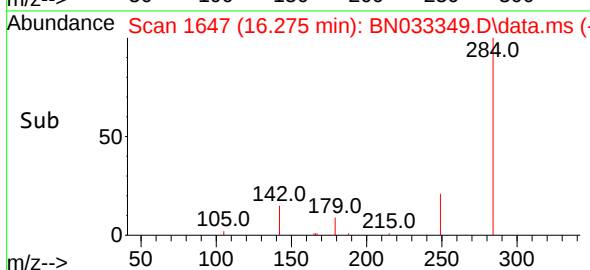
Reviewed By : Jagrut Upadhyay 08/12/2024
Supervised By : mohammad ahmed 08/13/2024

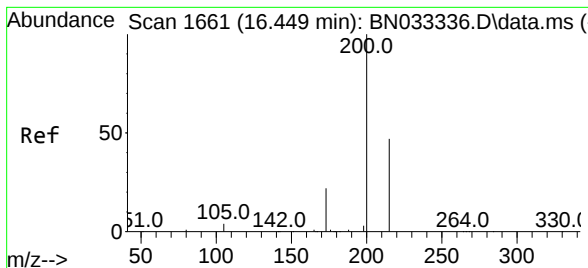


#22
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.275 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34



Tgt Ion: 284 Resp: 1191
Ion Ratio Lower Upper
284 100
142 42.6 32.2 48.4
249 31.7 25.3 37.9





#23

Atrazine

Concen: 0.087 ng

RT: 16.437 min Scan# 1660

Delta R.T. -0.012 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

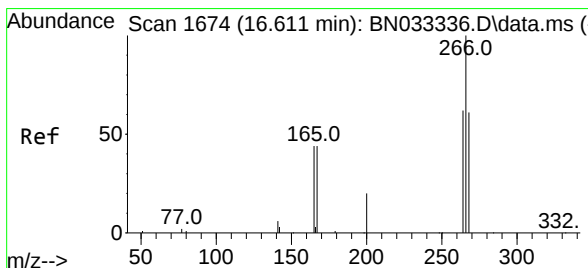
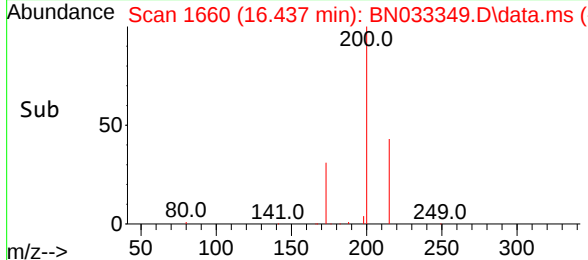
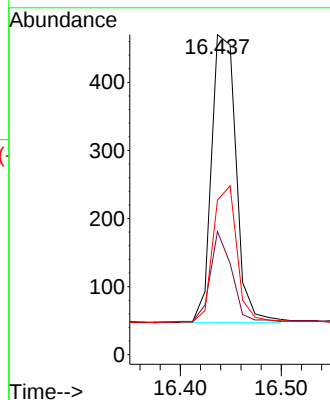
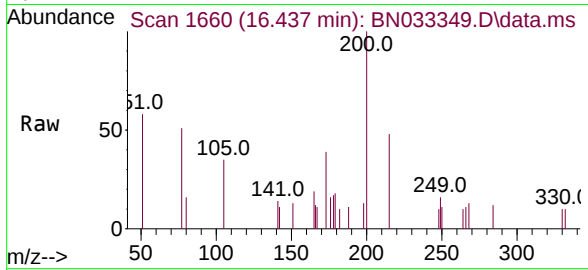
LOQ-SOIL-02-QT3-2024

Tgt Ion:	200	Resp:	71
Ion Ratio	Lower	Upper	
200	100		
173	38.5	18.7	28.1
215	48.3	38.6	58.0

Manual Integrations

APPROVED

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



#24

Pentachlorophenol

Concen: 0.044 ng

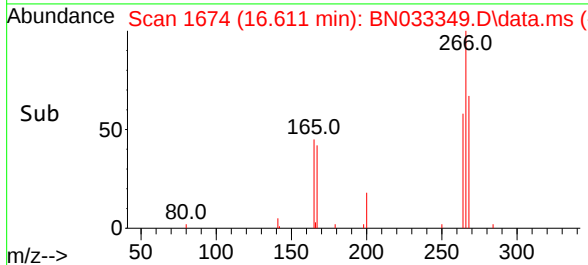
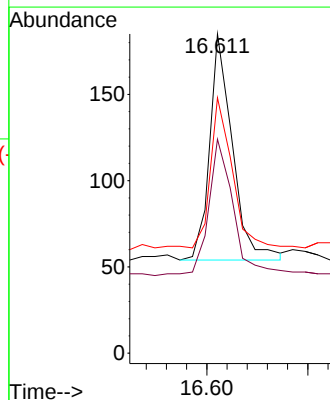
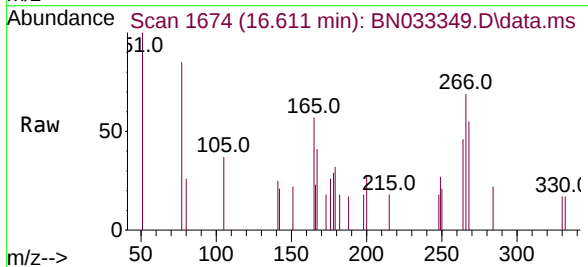
RT: 16.611 min Scan# 1674

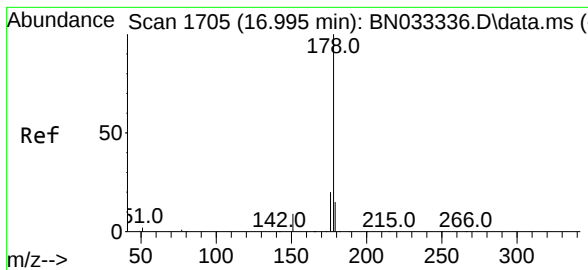
Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Tgt Ion:	266	Resp:	206
Ion Ratio	Lower	Upper	
266	100		
264	67.0	49.2	73.8
268	63.1	51.2	76.8





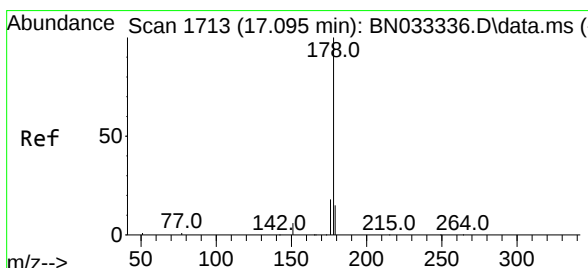
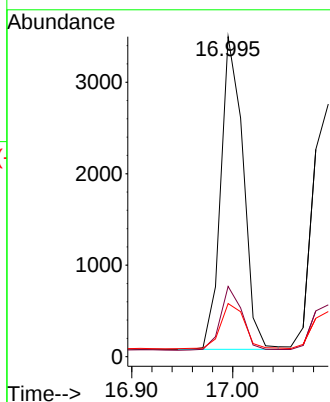
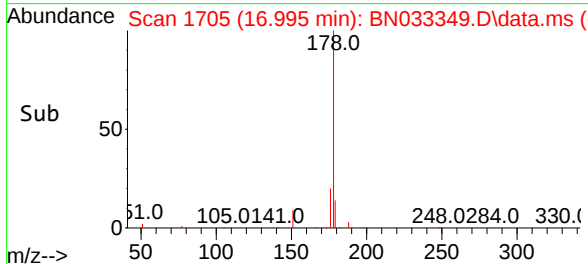
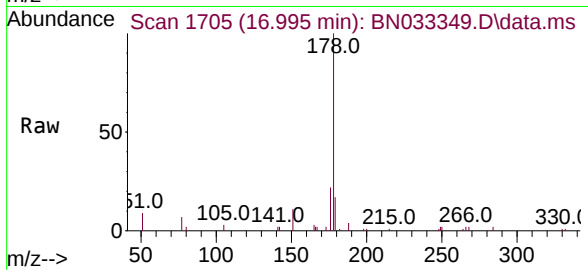
#25
Phenanthrene
Concen: 0.105 ng
RT: 16.995 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

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

Tgt Ion:	178	Resp:	525
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.4	23.0
179	15.6	12.2	18.2

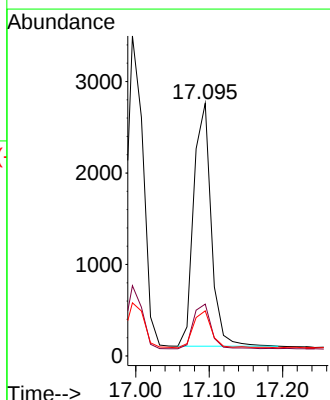
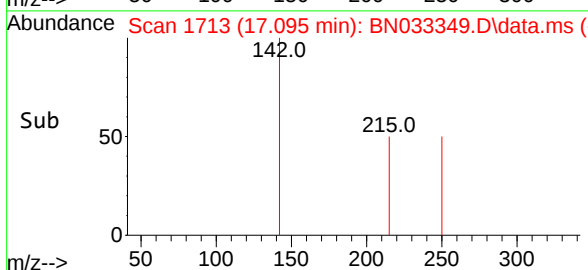
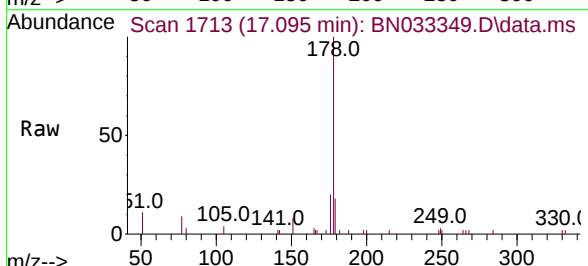
Manual Integrations
APPROVED

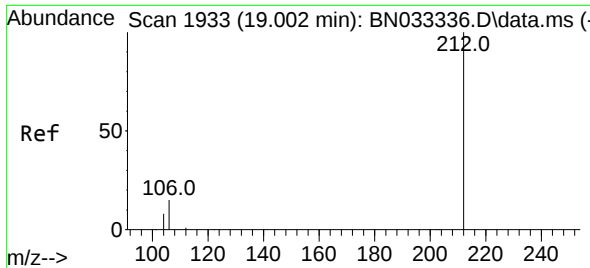
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#26
Anthracene
Concen: 0.100 ng
RT: 17.095 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

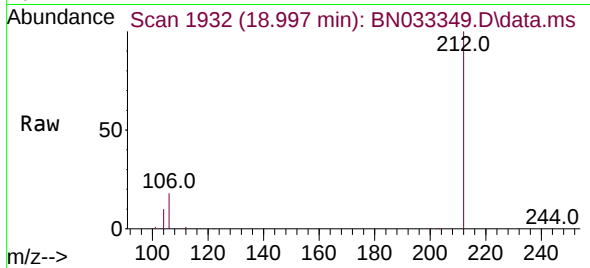
Tgt Ion:	178	Resp:	4403
Ion Ratio	Lower	Upper	
178	100		
176	19.0	14.7	22.1
179	15.8	12.2	18.2





#27
Fluoranthene-d10
Concen: 0.534 ng
RT: 18.997 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

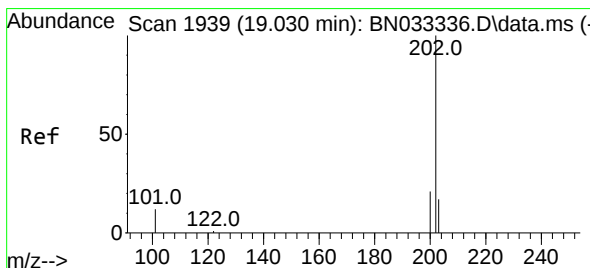
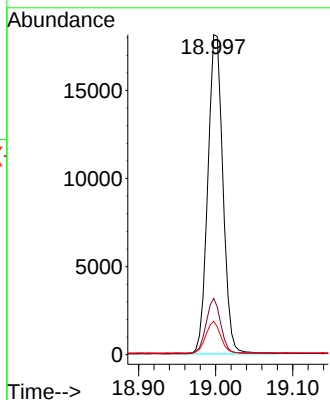
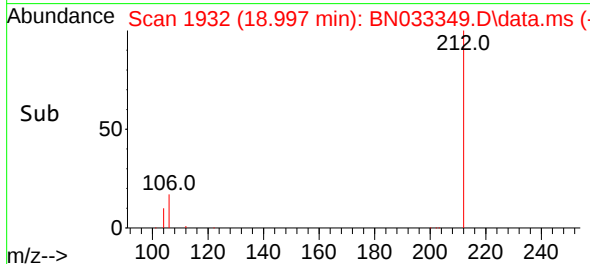
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:212 Resp: 2467
Ion Ratio Lower Upper
212 100
106 16.7 12.8 19.2
104 9.6 7.1 10.7

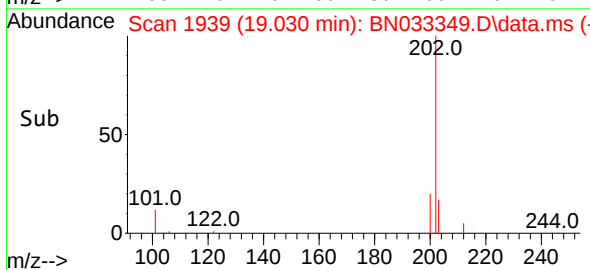
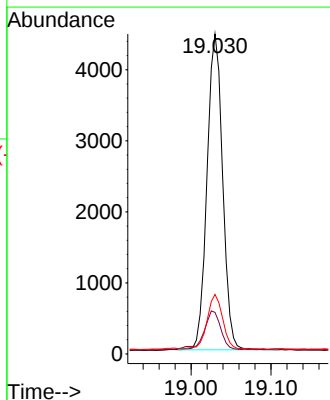
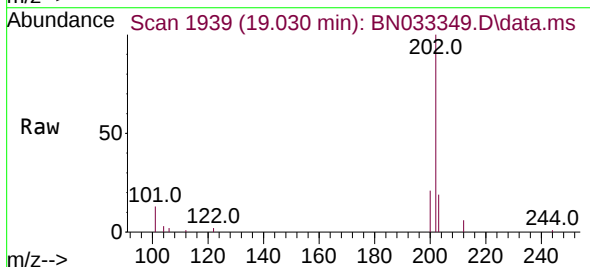
Manual Integrations
APPROVED

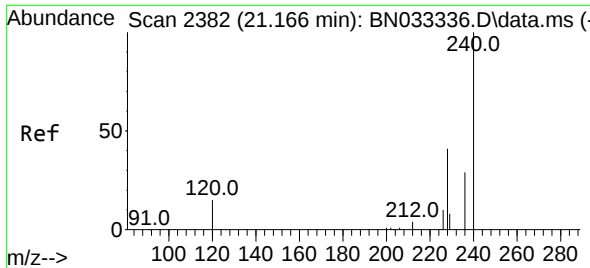
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#28
Fluoranthene
Concen: 0.098 ng
RT: 19.030 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

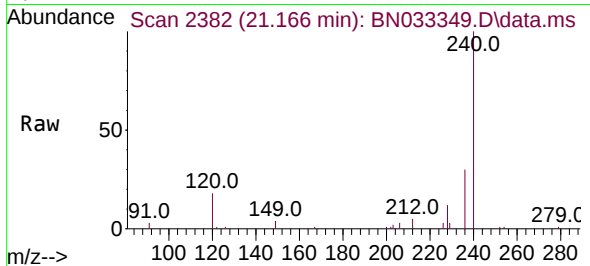
Tgt Ion:202 Resp: 6007
Ion Ratio Lower Upper
202 100
101 13.8 9.8 14.6
203 17.7 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

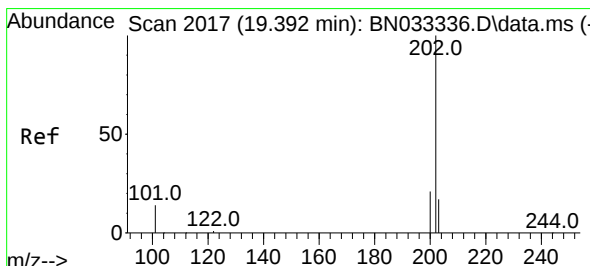
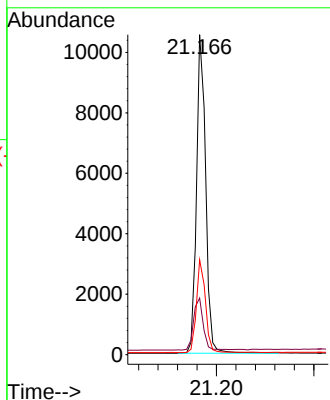
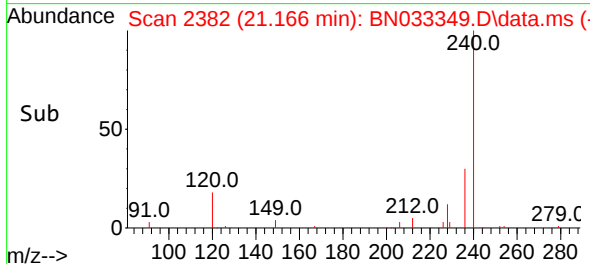
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



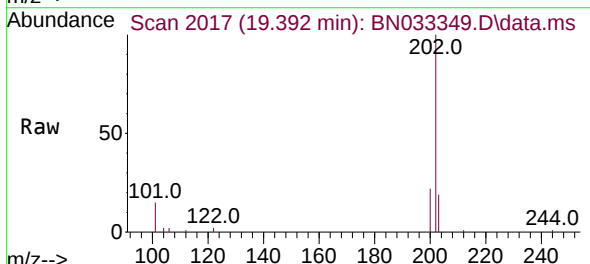
Tgt Ion:240 Resp: 13700
Ion Ratio Lower Upper
240 100
120 17.7 13.0 19.6
236 29.7 23.2 34.8

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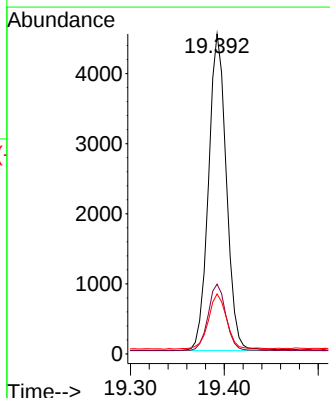
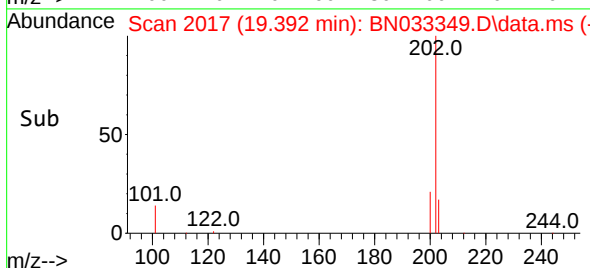
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

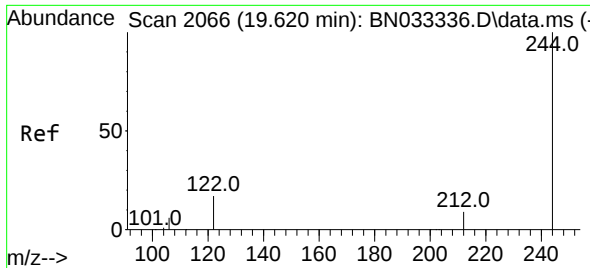


#30
Pyrene
Concen: 0.109 ng
RT: 19.392 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34



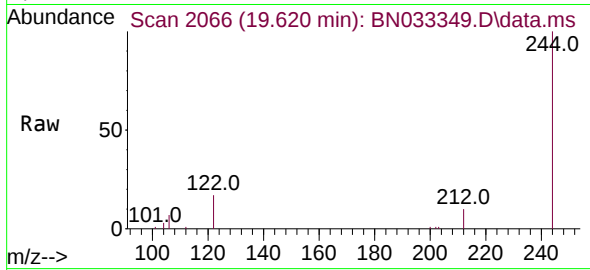
Tgt Ion:202 Resp: 5962
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.9 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.377 ng
 RT: 19.620 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

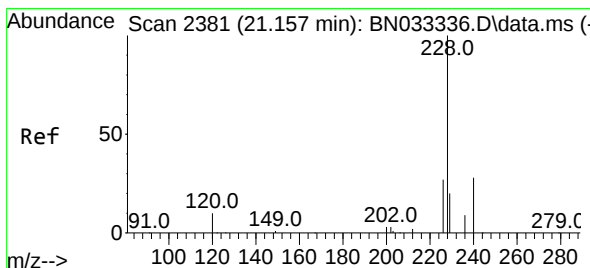
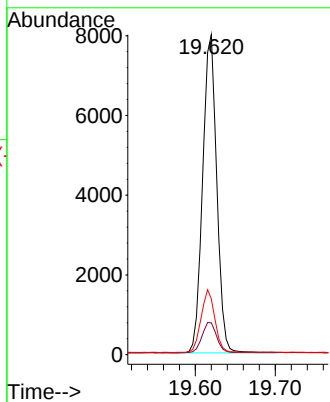
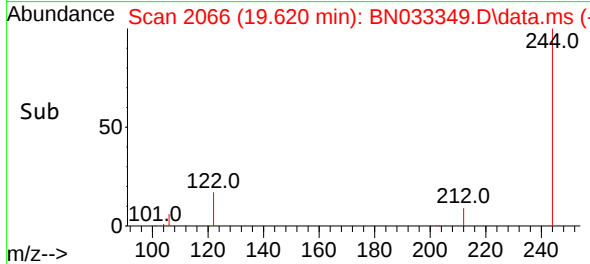
Instrument : BNA_N
 ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion:244 Resp: 9754
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.7 11.5
 122 17.4 14.0 21.0

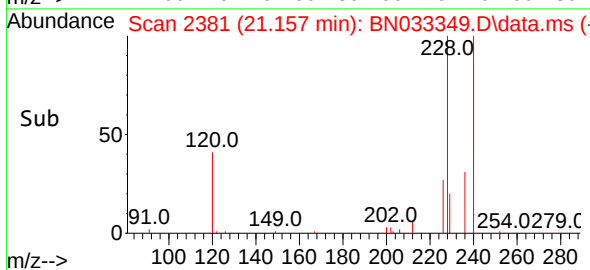
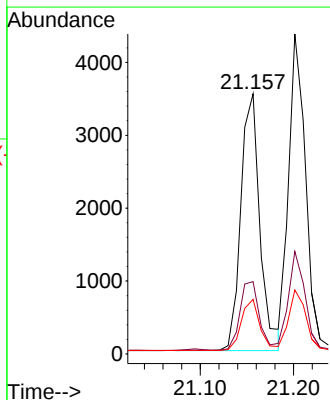
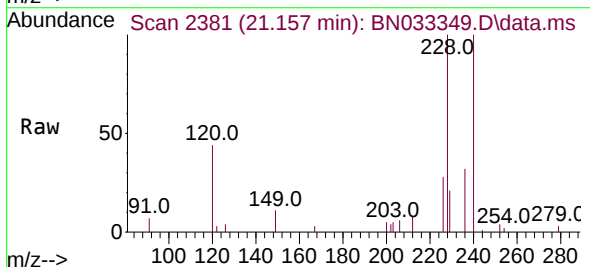
Manual Integrations
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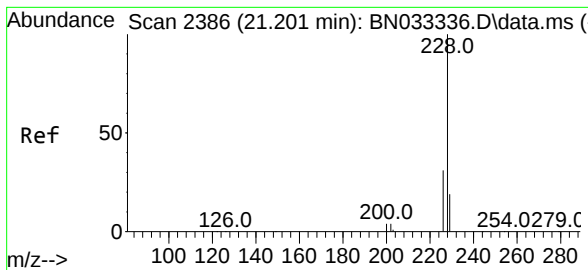
Reviewed By :Jagrut Upadhyay 08/12/2024
 Supervised By :mohammad ahmed 08/13/2024



#32
 Benzo(a)anthracene
 Concen: 0.098 ng
 RT: 21.157 min Scan# 2381
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

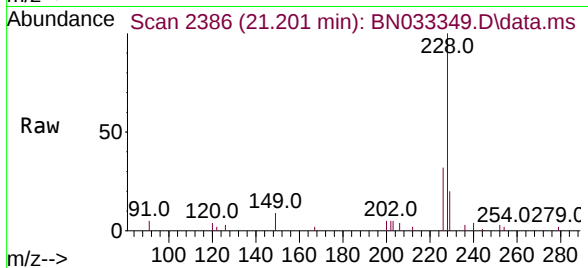
Tgt Ion:228 Resp: 5026
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.6 32.4
 229 21.0 15.9 23.9





#33
Chrysene
Concen: 0.106 ng
RT: 21.201 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

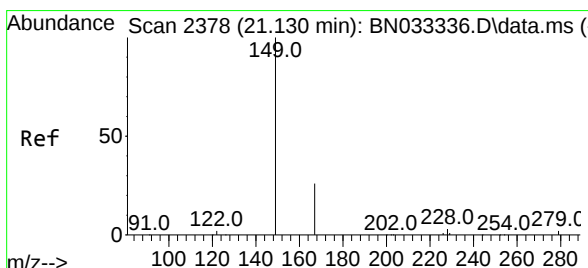
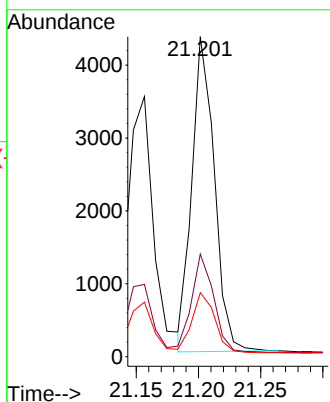
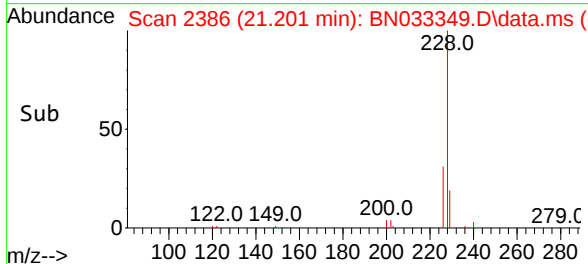
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 228 Resp: 5438
Ion Ratio Lower Upper
228 100
226 32.1 24.7 37.1
229 20.0 15.4 23.2

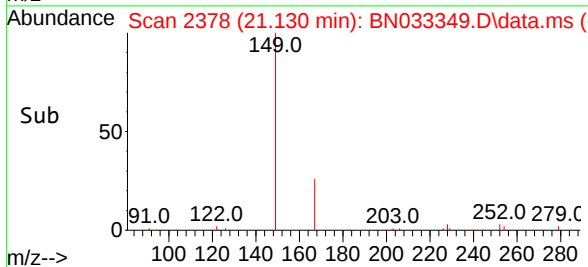
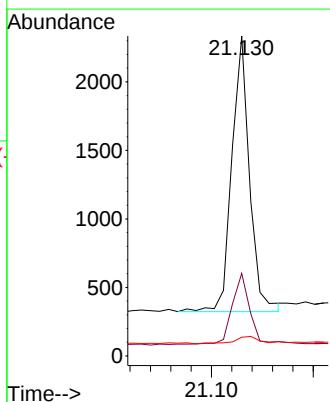
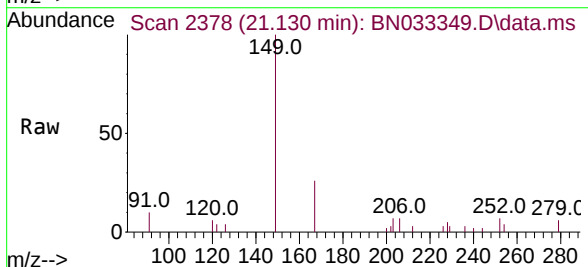
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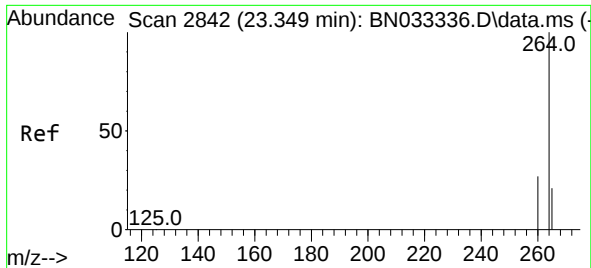
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.130 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

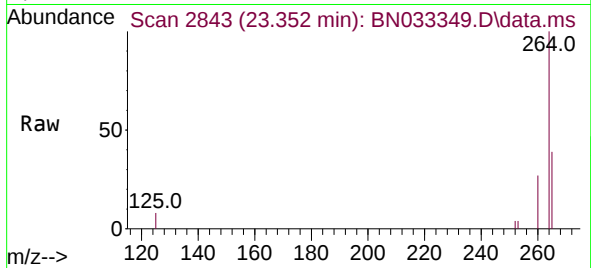
Tgt Ion: 149 Resp: 2428
Ion Ratio Lower Upper
149 100
167 26.5 20.9 31.3
279 4.7 2.2 3.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.352 min Scan# 2843
Delta R.T. 0.003 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

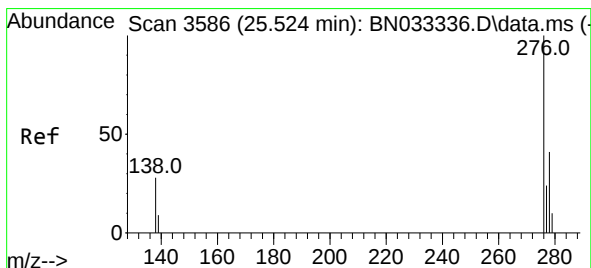
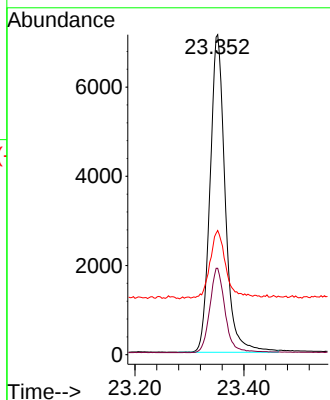
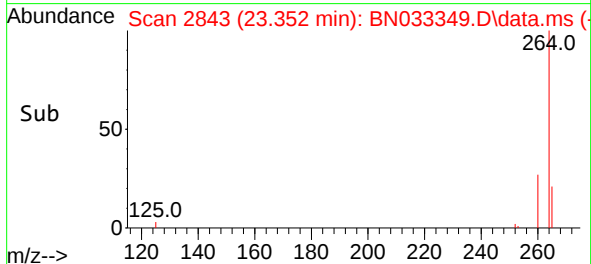
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:264 Resp: 13748
Ion Ratio Lower Upper
264 100
260 27.0 21.6 32.4
265 38.8 29.3 43.9

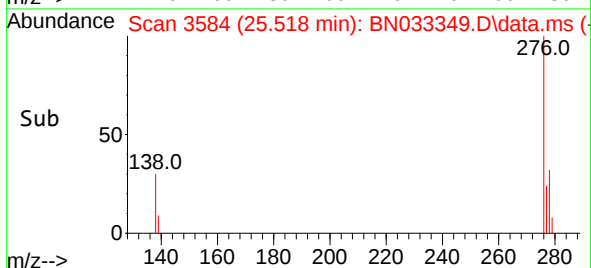
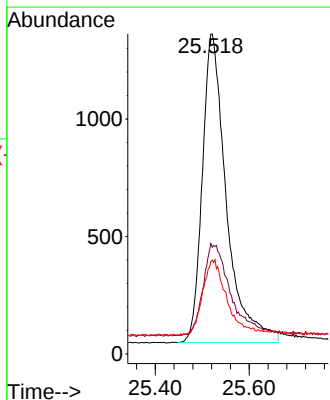
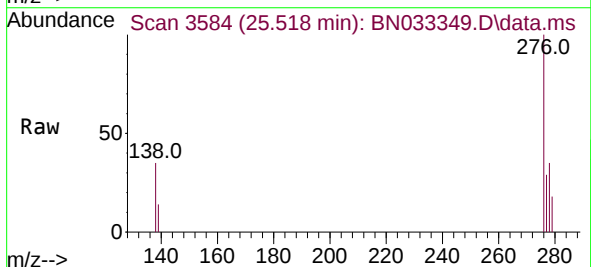
Manual Integrations
APPROVED

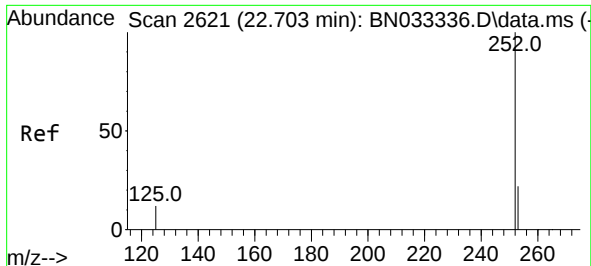
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng
RT: 25.518 min Scan# 3584
Delta R.T. -0.006 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

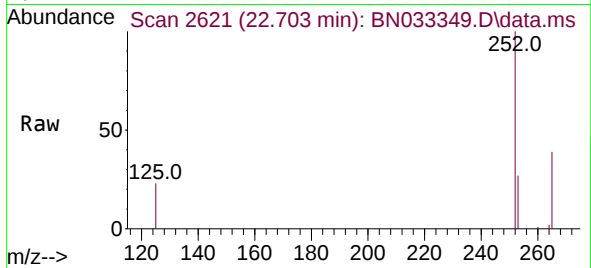
Tgt Ion:276 Resp: 4696
Ion Ratio Lower Upper
276 100
138 33.0 24.9 37.3
277 24.4 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 22.703 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

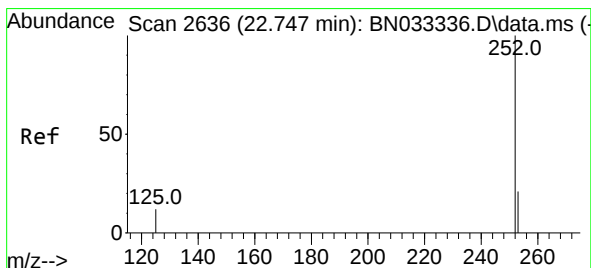
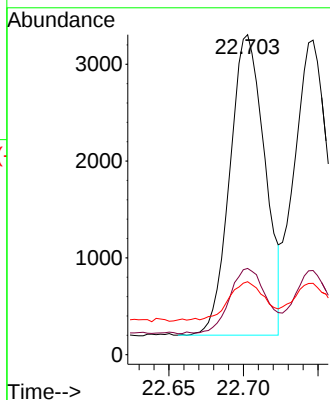
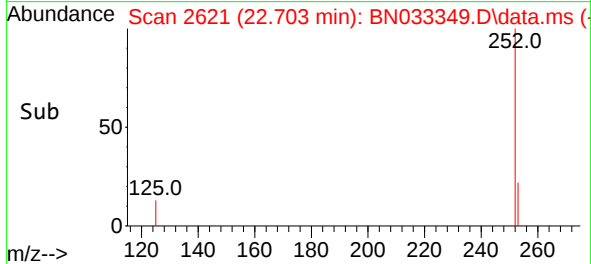
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



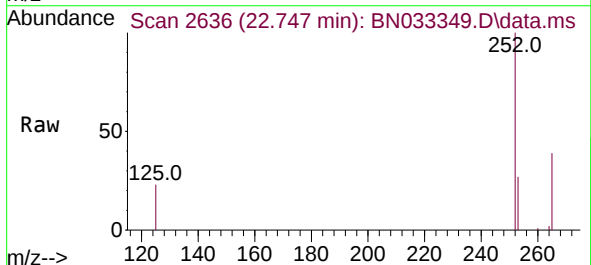
Tgt Ion:252 Resp: 5070
Ion Ratio Lower Upper
252 100
253 27.0 18.2 27.2
125 22.8 11.3 16.9

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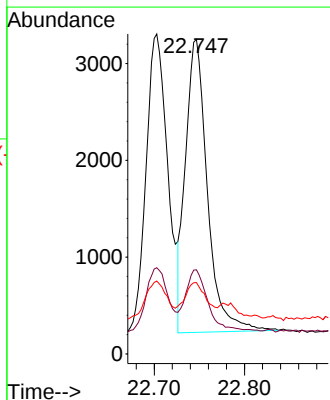
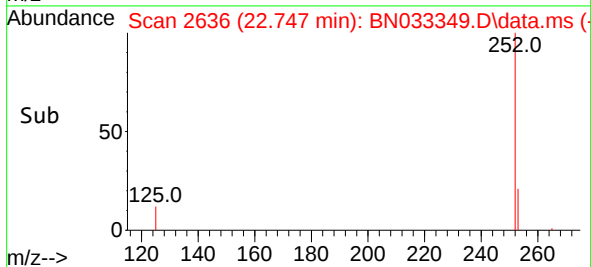
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

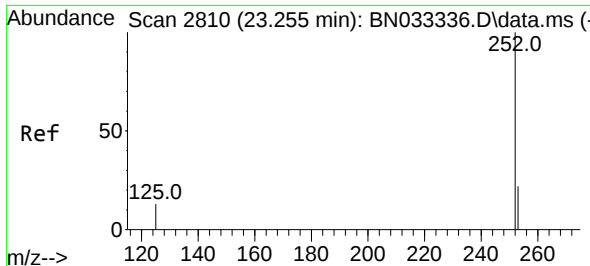


#38
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 22.747 min Scan# 2636
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34



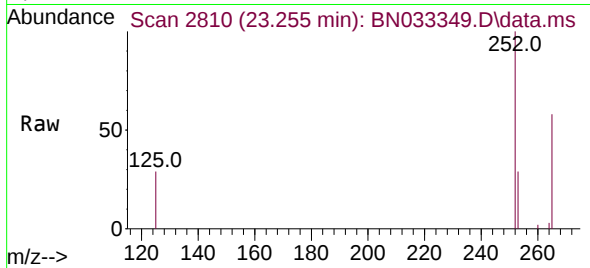
Tgt Ion:252 Resp: 5101
Ion Ratio Lower Upper
252 100
253 26.8 17.9 26.9
125 22.7 11.3 16.9





#39
Benzo(a)pyrene
Concen: 0.089 ng
RT: 23.255 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

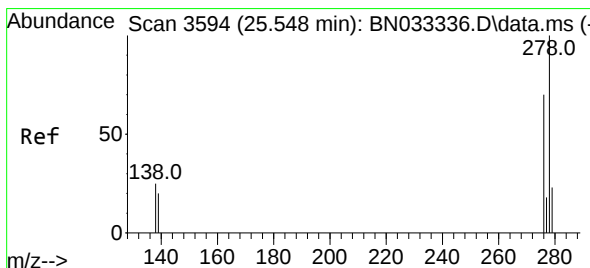
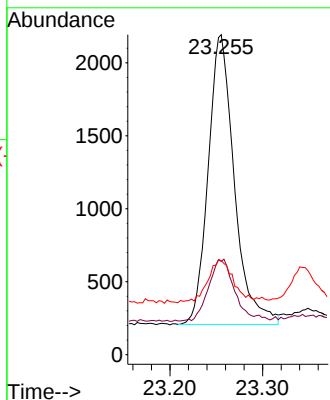
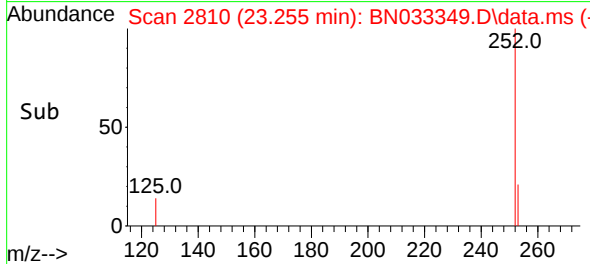
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:252 Resp: 3894
Ion Ratio Lower Upper
252 100
253 29.1 18.6 28.0#
125 29.4 12.6 19.0#

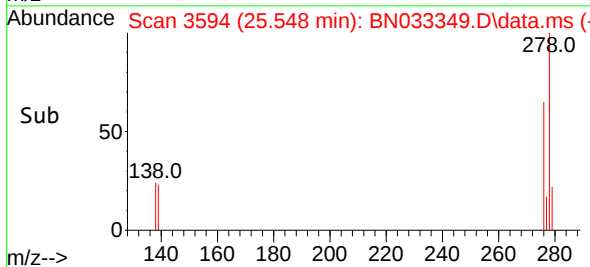
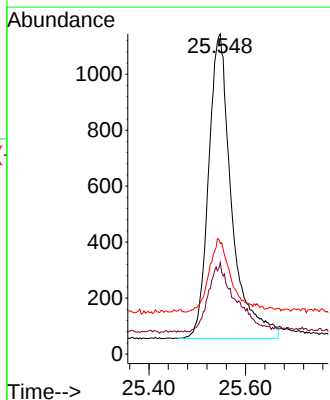
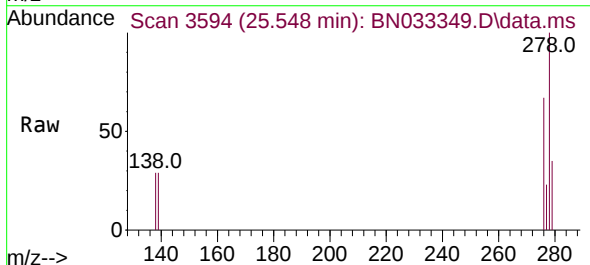
Manual Integrations
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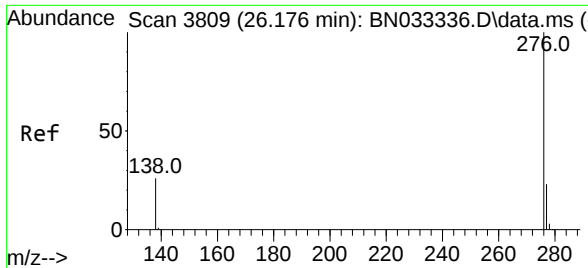
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.081 ng
RT: 25.548 min Scan# 3594
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:278 Resp: 3614
Ion Ratio Lower Upper
278 100
139 28.6 17.0 25.6#
279 34.5 20.0 30.0#





#41

Benzo(g,h,i)perylene

Concen: 0.085 ng

RT: 26.173 min Scan# 3808

Delta R.T. -0.003 min

Lab File: BN033349.D

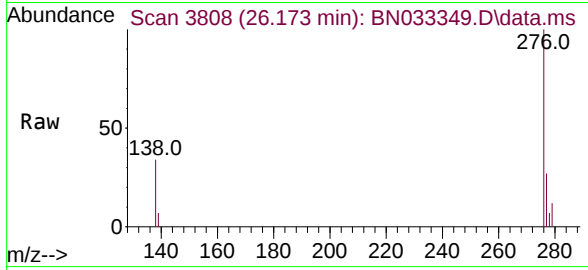
Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024



Tgt Ion:276 Resp: 424

Ion Ratio Lower Upper

276 100

277 27.4 19.4 29.2

138 33.7 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024

Supervised By :mohammad ahmed 08/13/2024

