

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
 Data File : BN033777.D
 Acq On : 06 Sep 2024 11:45
 Operator : MA/JU
 Sample : P2403-03
 Misc : MDL-MDL-SOIL-0.2ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 06 12:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	7845	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	21096	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	10058	0.400	ng	-0.01
19) Phenanthrene-d10	16.905	188	20461	0.400	ng	# 0.00
29) Chrysene-d12	21.113	240	16359	0.400	ng	0.00
35) Perylene-d12	23.268	264	17559	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	7234	0.301	ng	0.00
5) Phenol-d6	6.707	99	9502	0.334	ng	0.00
8) Nitrobenzene-d5	8.649	82	6406	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	11.869	152	16559	0.555	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	1513	0.298	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	14710	0.351	ng	0.00
27) Fluoranthene-d10	18.942	212	29029	0.575	ng	0.00
31) Terphenyl-d14	19.560	244	12139	0.348	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.168	88	1891m	0.212	ng	Qvalue
3) n-Nitrosodimethylamine	3.464	42	2259	0.216	ng	# 96
6) bis(2-Chloroethyl)ether	6.953	93	5027	0.234	ng	100
9) Naphthalene	10.314	128	12226	0.217	ng	99
10) Hexachlorobutadiene	10.613	225	2437	0.208	ng	# 99
12) 2-Methylnaphthalene	11.945	142	7473	0.216	ng	100
16) Acenaphthylene	13.868	152	9085	0.209	ng	99
17) Acenaphthene	14.210	154	6300	0.211	ng	99
18) Fluorene	15.204	166	7762	0.211	ng	99
20) 4,6-Dinitro-2-methylph...	15.290	198	548	0.170	ng	96
21) 4-Bromophenyl-phenylether	16.110	248	2409	0.203	ng	93
22) Hexachlorobenzene	16.209	284	2740	0.202	ng	97
23) Atrazine	16.383	200	1856	0.196	ng	# 89
24) Pentachlorophenol	16.557	266	1192	0.214	ng	99
25) Phenanthrene	16.942	178	12239	0.217	ng	99
26) Anthracene	17.029	178	10357	0.211	ng	100
28) Fluoranthene	18.975	202	13073	0.207	ng	100
30) Pyrene	19.337	202	13162	0.200	ng	100
32) Benzo(a)anthracene	21.095	228	12235	0.210	ng	98
33) Chrysene	21.148	228	12539	0.217	ng	99
34) Bis(2-ethylhexyl)phtha...	21.059	149	6904	0.217	ng	99
36) Indeno(1,2,3-cd)pyrene	25.399	276	16114	0.222	ng	98
37) Benzo(b)fluoranthene	22.628	252	12783	0.198	ng	99
38) Benzo(k)fluoranthene	22.671	252	13821m	0.220	ng	
39) Benzo(a)pyrene	23.174	252	11334	0.210	ng	98
40) Dibenzo(a,h)anthracene	25.414	278	12724	0.219	ng	99
41) Benzo(g,h,i)perylene	26.045	276	12893	0.204	ng	100

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

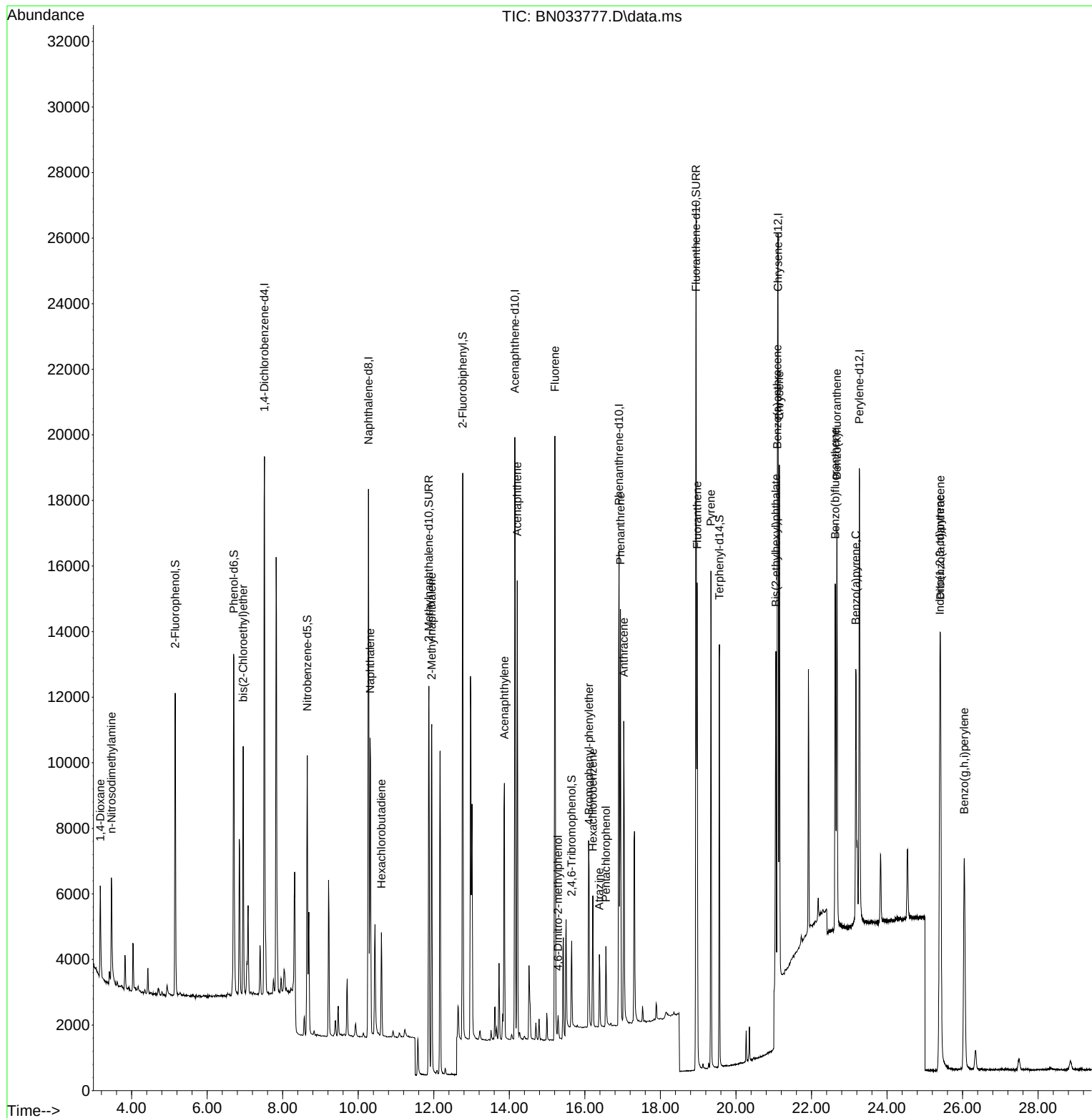
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033777.D
Acq On : 06 Sep 2024 11:45
Operator : MA/JU
Sample : P2403-03
Misc : MDL-MDL-SOIL-0.2ng
ALS Vial : 6 Sample Multiplier: 1

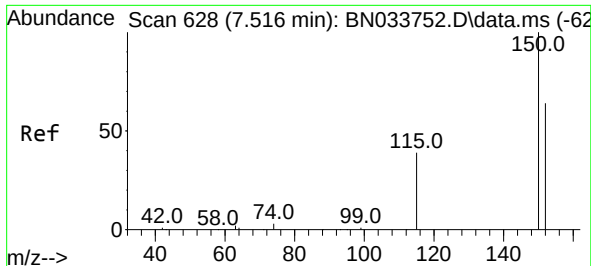
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Quant Time: Sep 06 12:29:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

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APPROVED

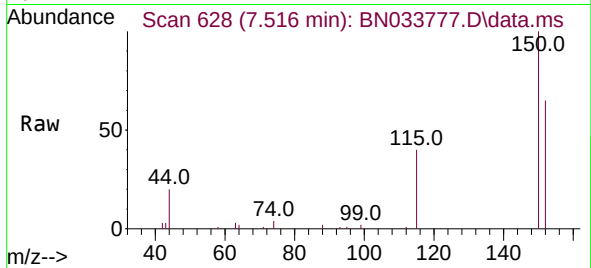
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.516 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45

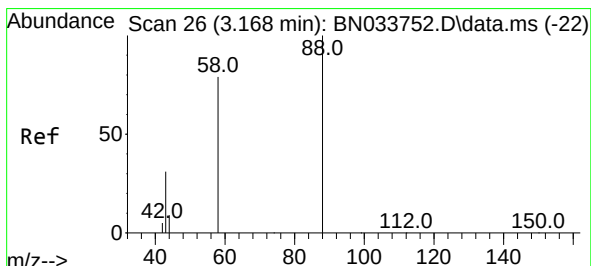
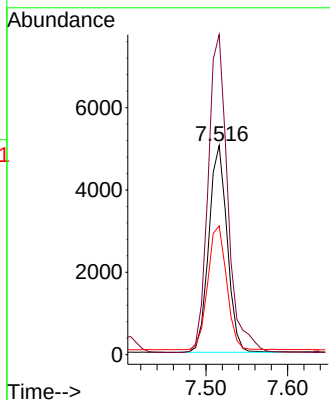
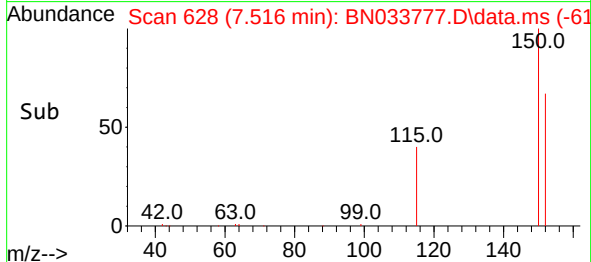
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2024



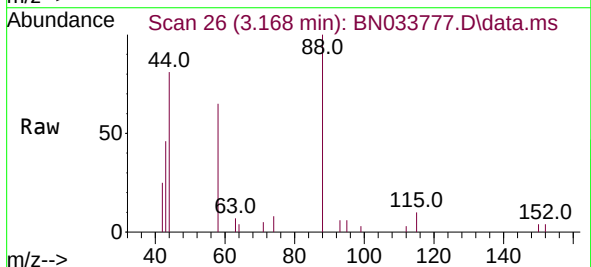
Tgt Ion: 152 Resp: 784
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.3 184.9
 115 61.6 51.0 76.4

Manual Integrations
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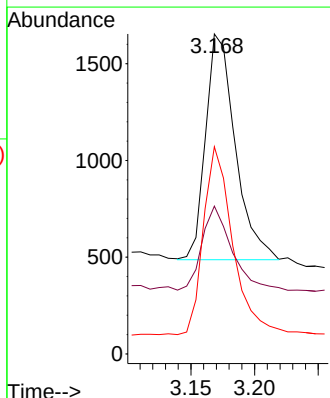
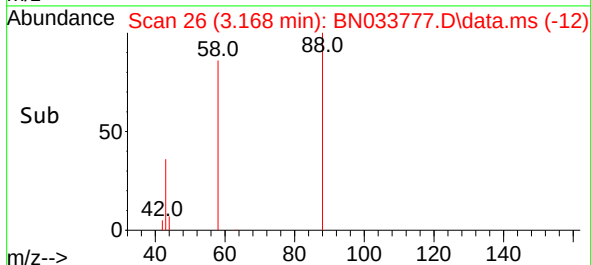
Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

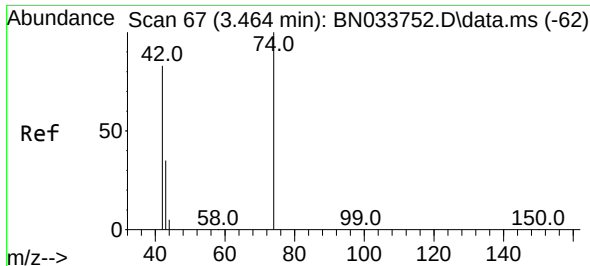


#2
 1,4-Dioxane
 Concen: 0.212 ng m
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45



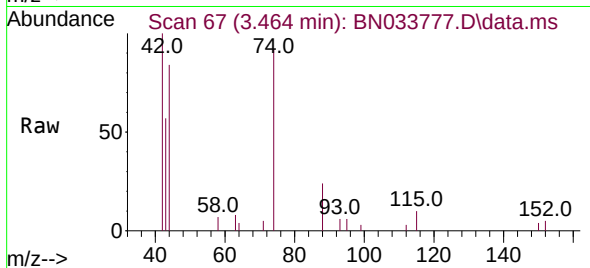
Tgt Ion: 88 Resp: 1891
 Ion Ratio Lower Upper
 88 100
 43 37.8 29.0 43.4
 58 84.3 64.1 96.1





#3
n-Nitrosodimethylamine
Concen: 0.216 ng
RT: 3.464 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

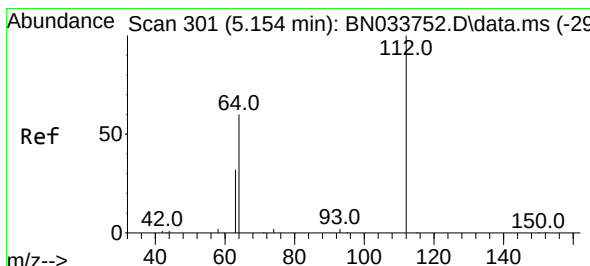
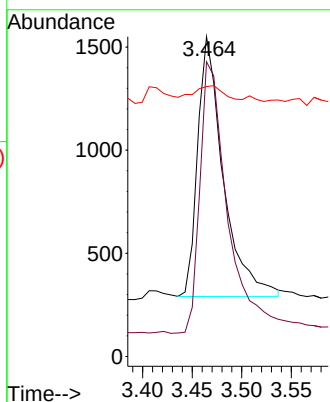
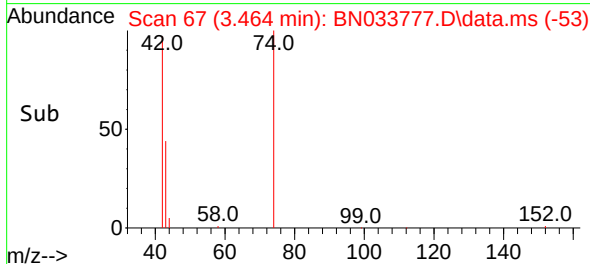
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 42 Resp: 225
Ion Ratio Lower Upper
42 100
74 112.9 93.5 140.3
44 6.6 7.4 11.0

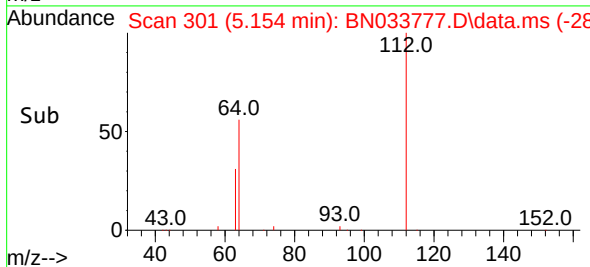
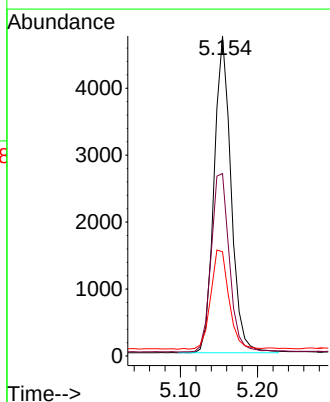
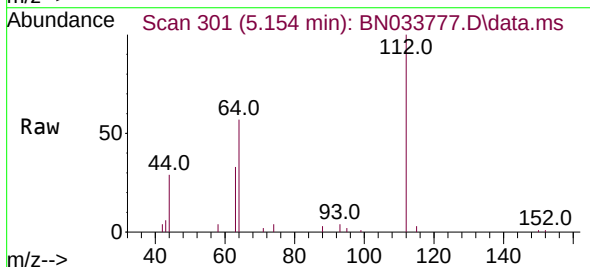
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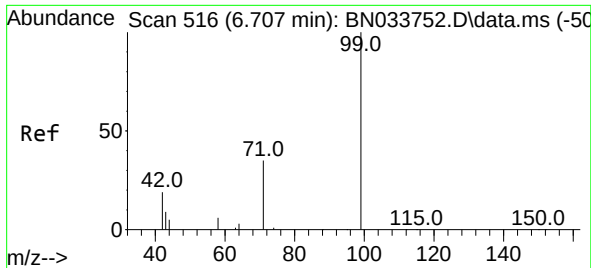
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#4
2-Fluorophenol
Concen: 0.301 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

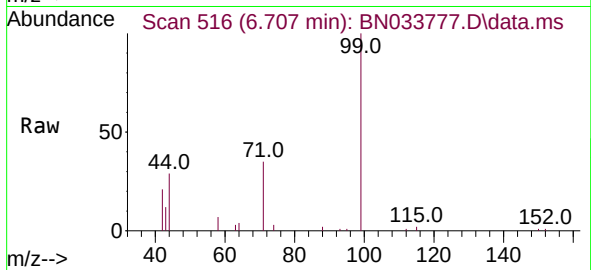
Tgt Ion:112 Resp: 7234
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 33.4 25.9 38.9





#5
Phenol-d6
Concen: 0.334 ng
RT: 6.707 min Scan# 516
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

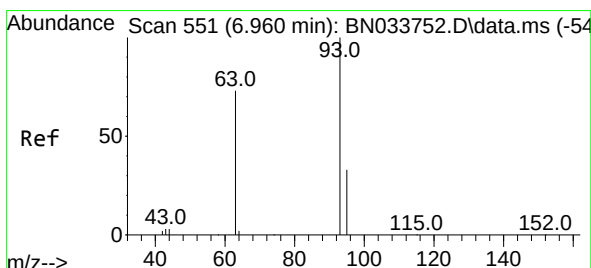
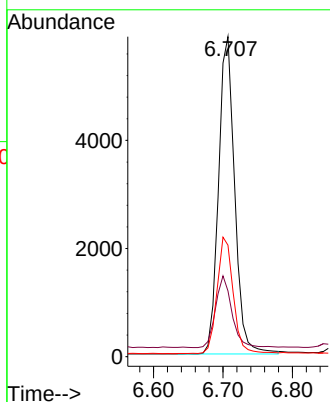
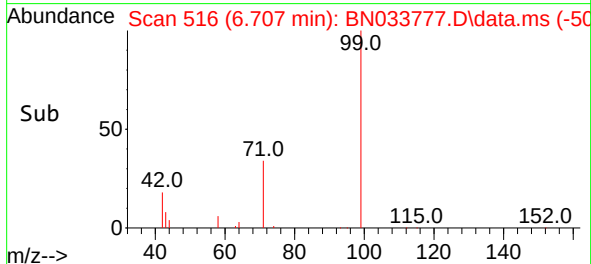
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 99 Resp: 9502
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 36.8 28.7 43.1

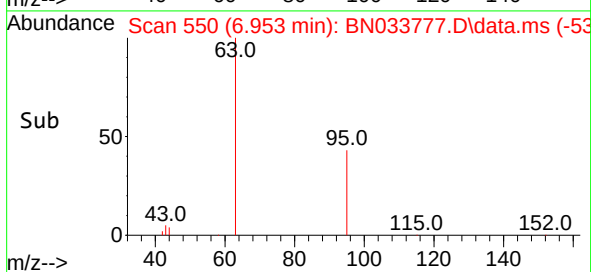
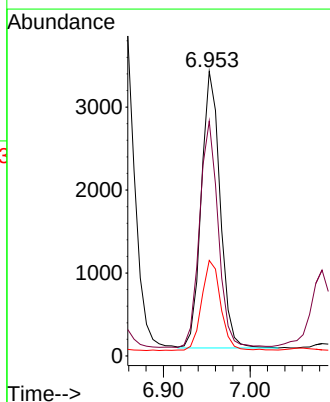
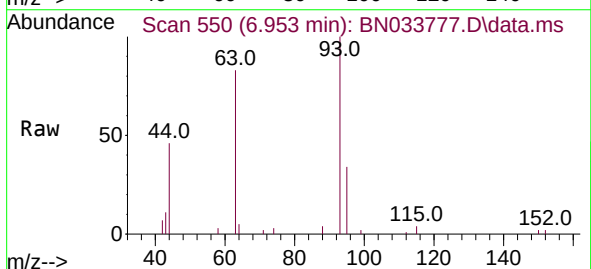
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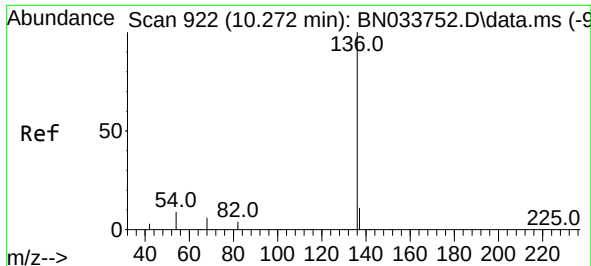
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.234 ng
RT: 6.953 min Scan# 550
Delta R.T. -0.007 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

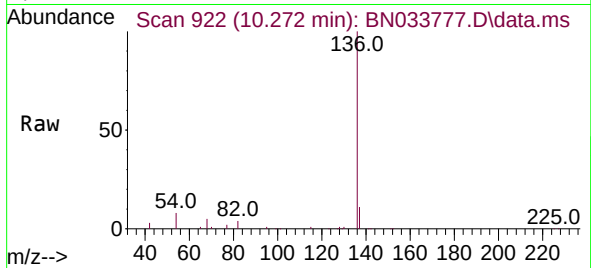
Tgt Ion: 93 Resp: 5027
Ion Ratio Lower Upper
93 100
63 80.9 64.4 96.6
95 33.2 26.5 39.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

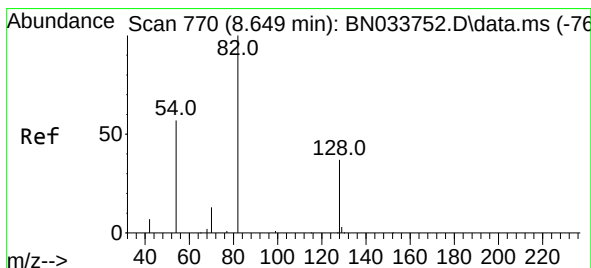
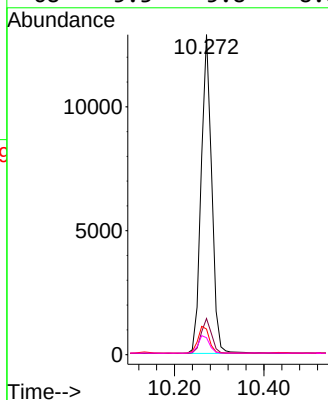
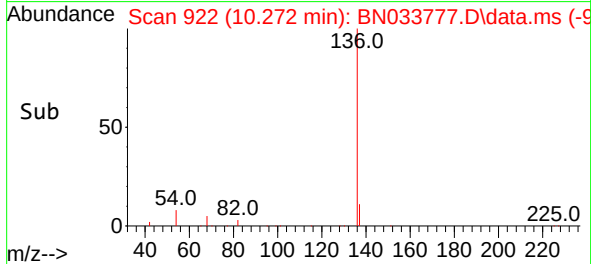
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:	136	Resp:	21090
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.0	8.1	12.1
68	5.3	5.8	8.8

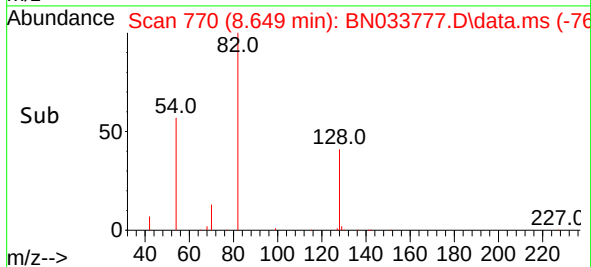
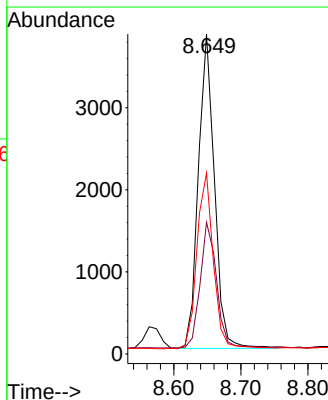
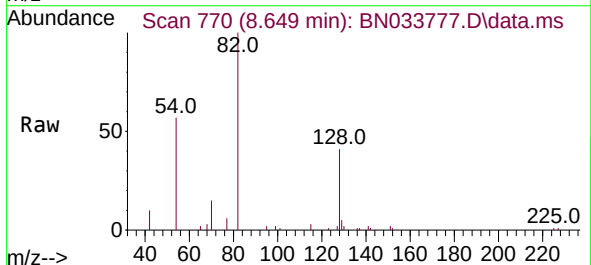
Manual Integrations
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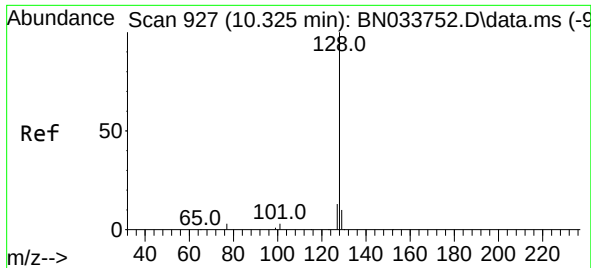
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:	82	Resp:	6406
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.3	46.9
54	56.5	46.9	70.3





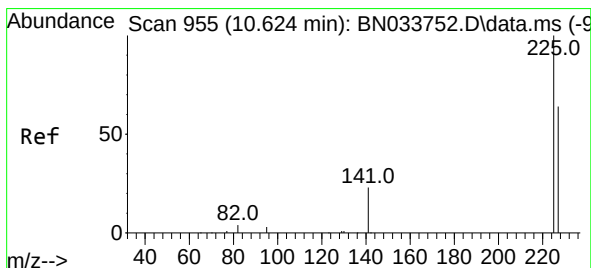
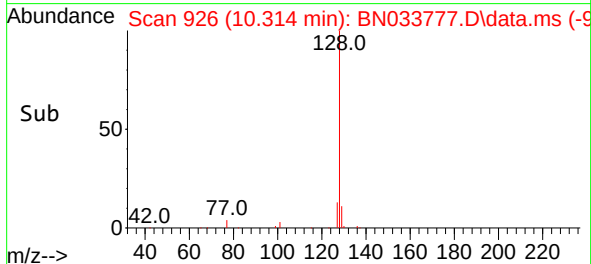
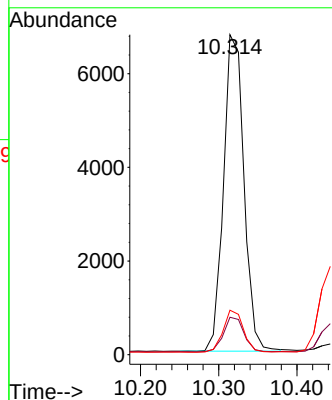
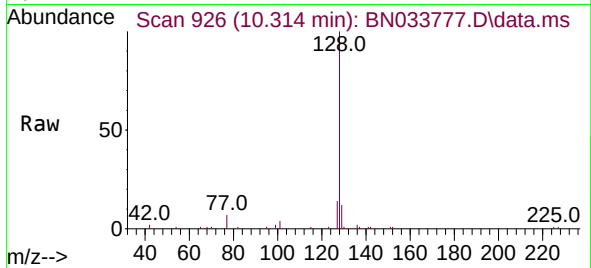
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Naphthalene
Concen: 0.217 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:128 Resp: 12220
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.9 10.8 16.2

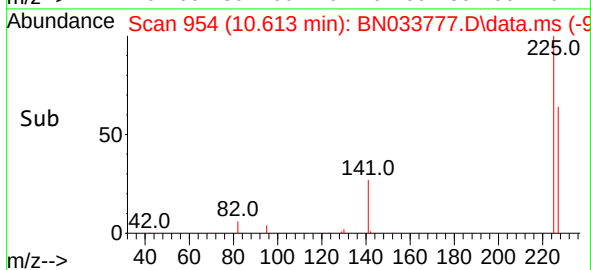
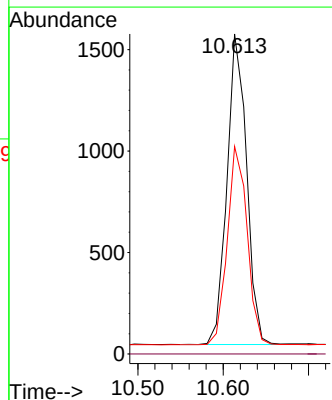
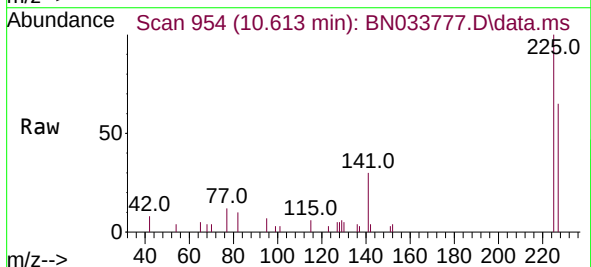
Manual Integrations
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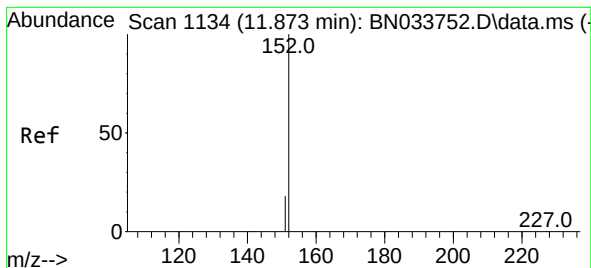
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#10
Hexachlorobutadiene
Concen: 0.208 ng
RT: 10.613 min Scan# 954
Delta R.T. -0.011 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

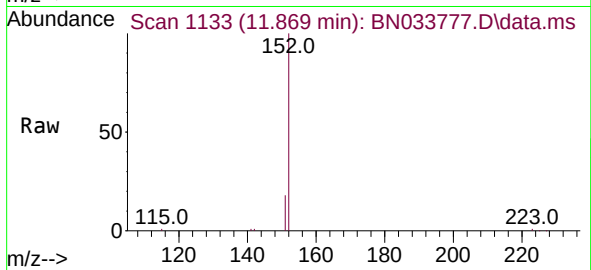
Tgt Ion:225 Resp: 2437
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.7 51.2 76.8





#11
2-Methylnaphthalene-d10
Concen: 0.555 ng
RT: 11.869 min Scan# 1133
Delta R.T. -0.004 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

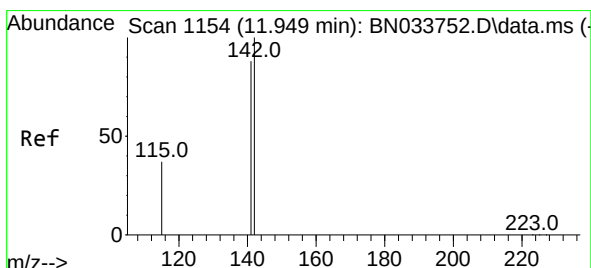
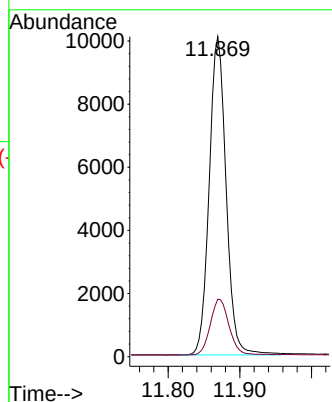
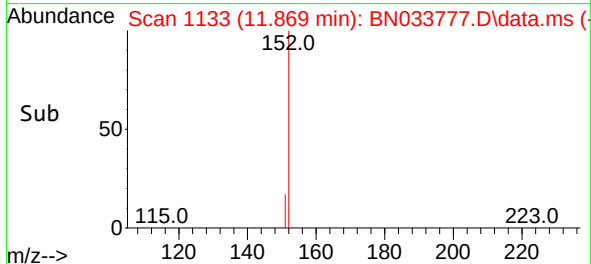
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



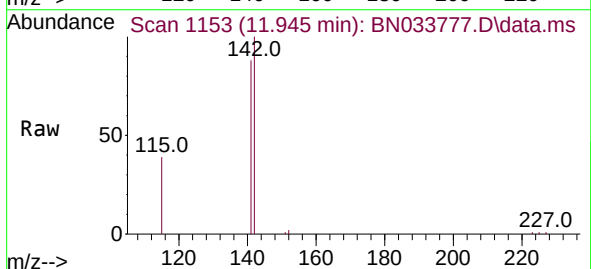
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Ion Ratio Lower Upper
152 100
151 19.3 16.7 25.1

Manual Integrations
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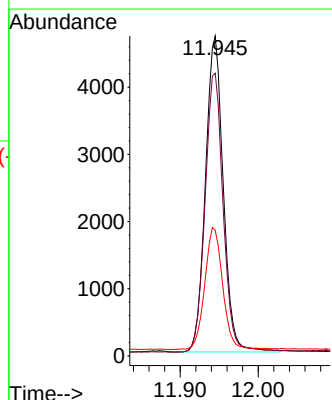
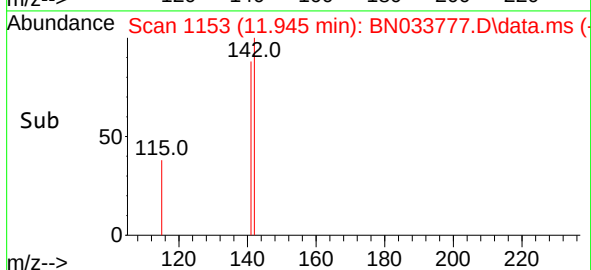
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

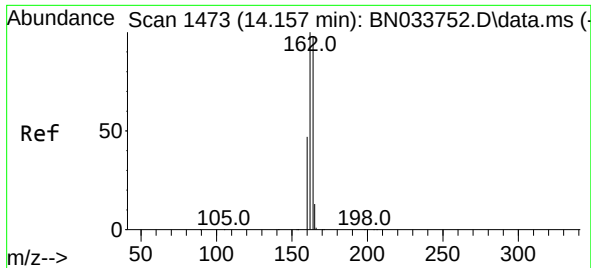


#12
2-Methylnaphthalene
Concen: 0.216 ng
RT: 11.945 min Scan# 1153
Delta R.T. -0.004 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45



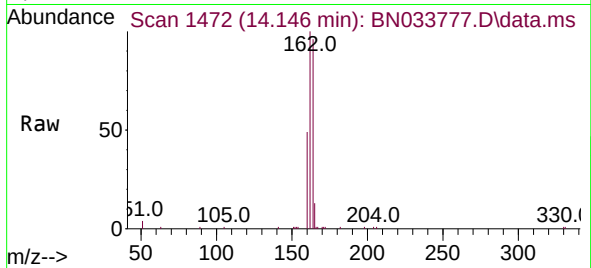
Tgt Ion:142 Resp: 7473
Ion Ratio Lower Upper
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141 88.4 70.9 106.3
115 39.2 31.0 46.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

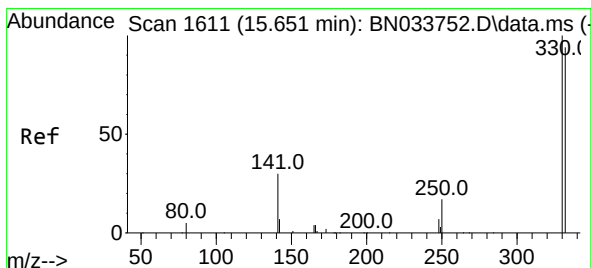
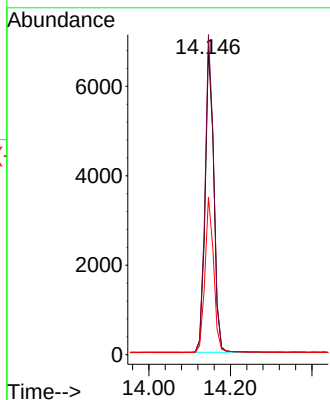
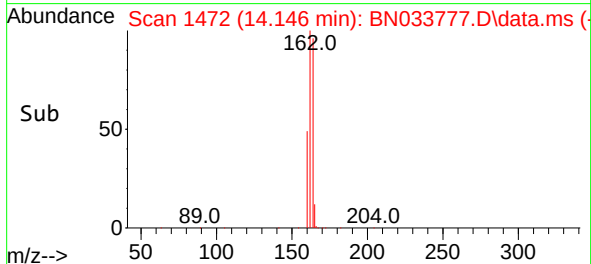
Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT2-2024



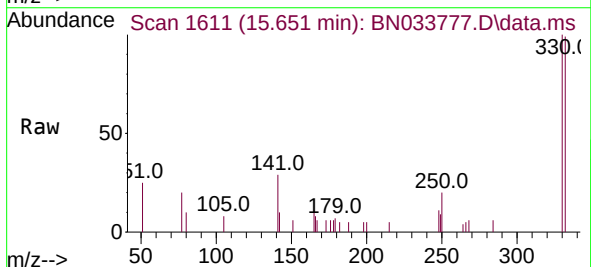
Tgt Ion:164 Resp: 1005
Ion Ratio Lower Upper
164 100
162 104.5 82.0 123.0
160 51.5 39.1 58.7

Manual Integrations
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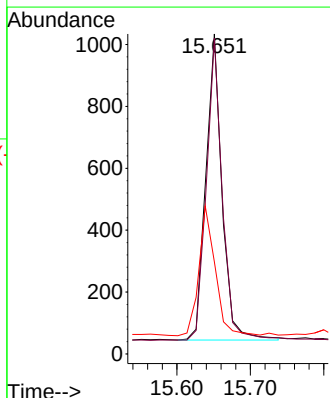
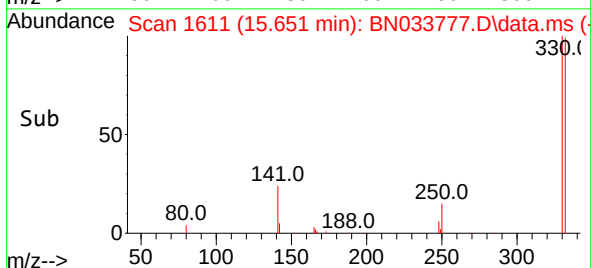
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

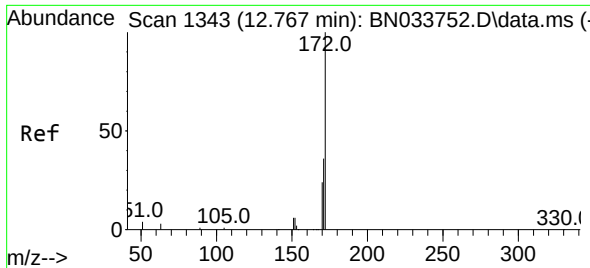


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45



Tgt Ion:330 Resp: 1513
Ion Ratio Lower Upper
330 100
332 96.8 74.2 111.4
141 42.8 33.9 50.9





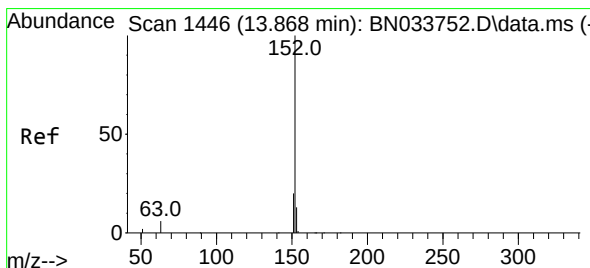
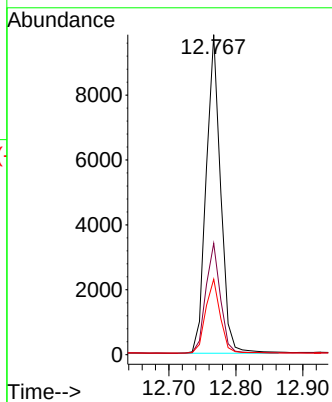
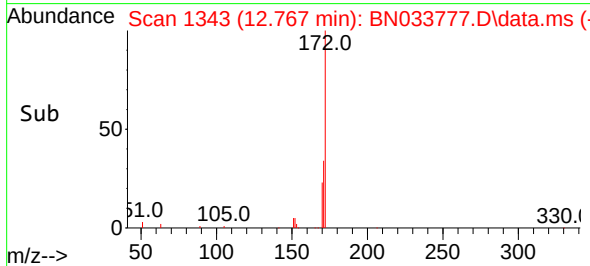
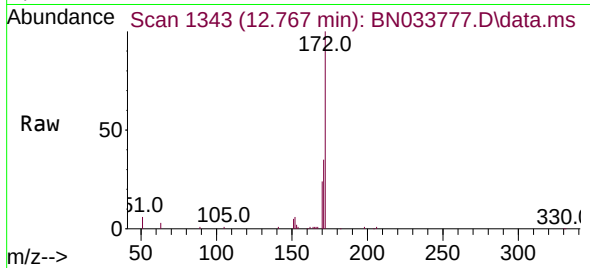
#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 12.767 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Tgt Ion:	172	Resp:	14710
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.8	43.2
170	23.6	19.7	29.5

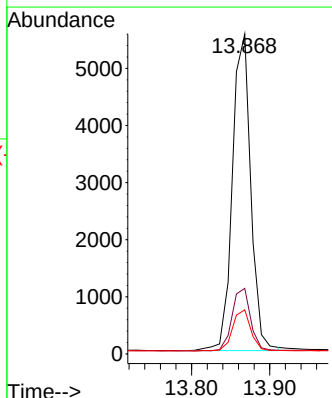
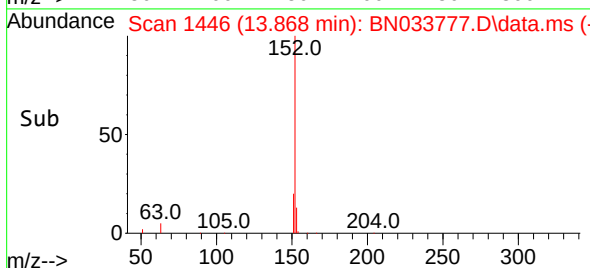
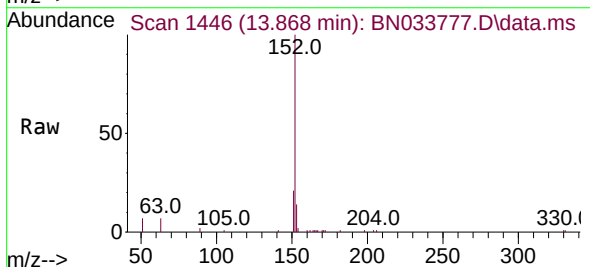
Manual Integrations
 APPROVED

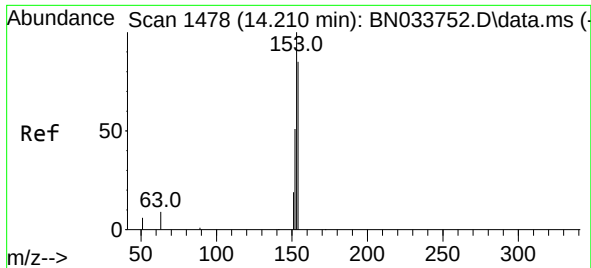
Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024



#16
 Acenaphthylene
 Concen: 0.209 ng
 RT: 13.868 min Scan# 1446
 Delta R.T. -0.000 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45

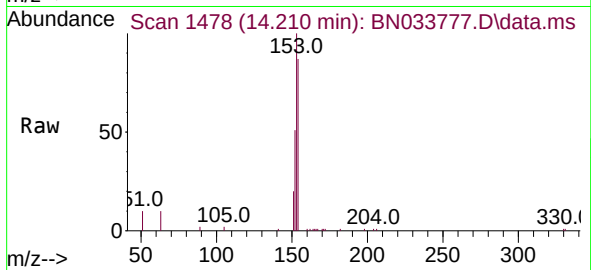
Tgt Ion:	152	Resp:	9085
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.6	23.4
153	13.0	10.3	15.5





#17
Acenaphthene
Concen: 0.211 ng
RT: 14.210 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

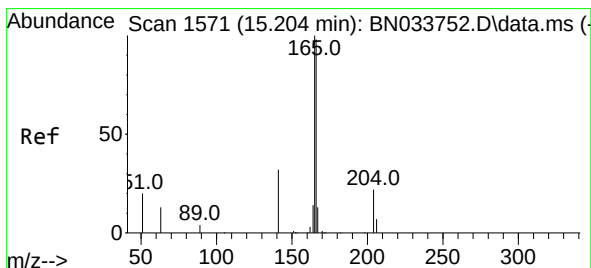
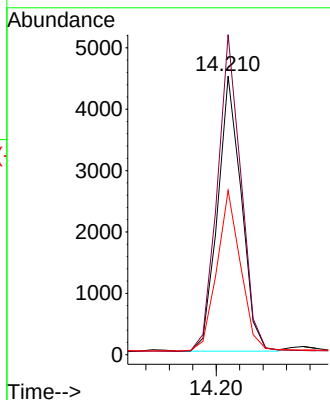
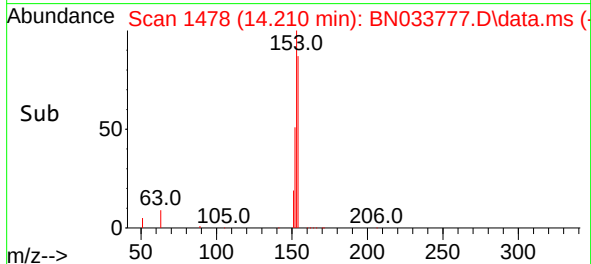
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:154 Resp: 6300
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.2
152 58.0 45.8 68.6

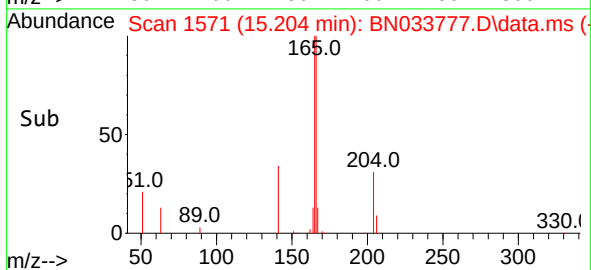
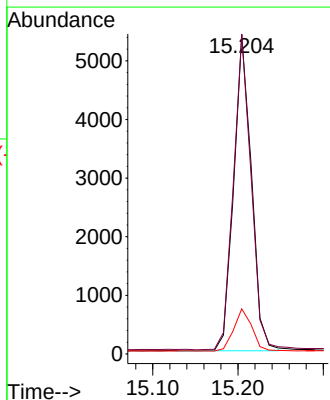
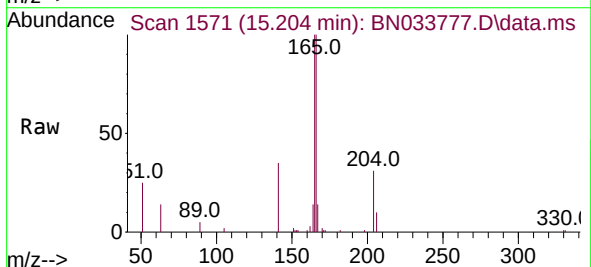
Manual Integrations
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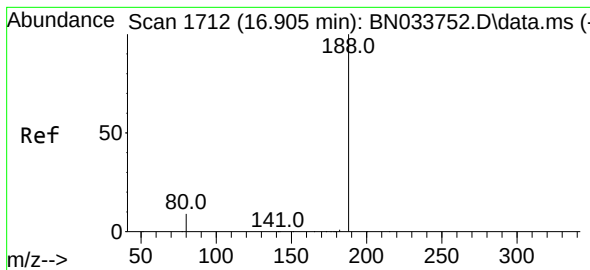
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Fluorene
Concen: 0.211 ng
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

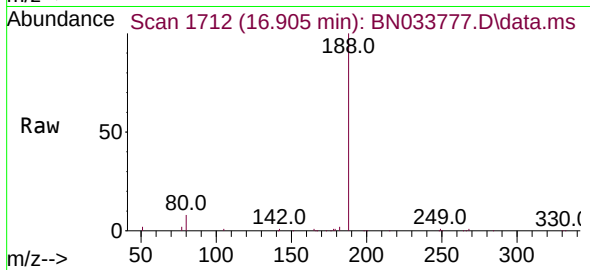
Tgt Ion:166 Resp: 7762
Ion Ratio Lower Upper
166 100
165 99.2 78.8 118.2
167 13.6 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.905 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

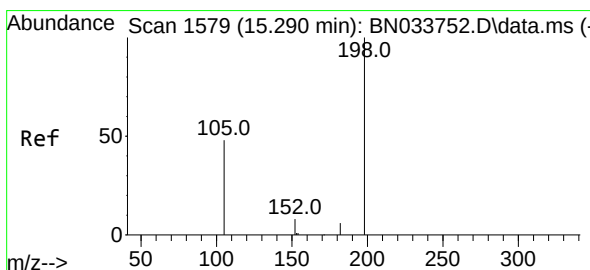
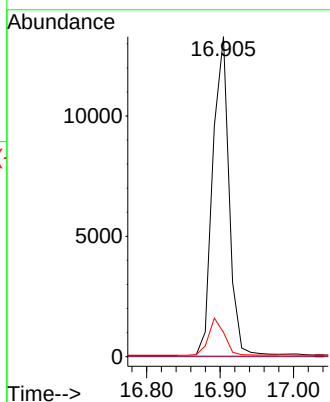
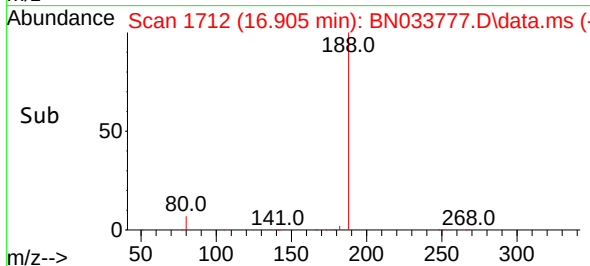
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:188 Resp: 2046
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.9 11.9

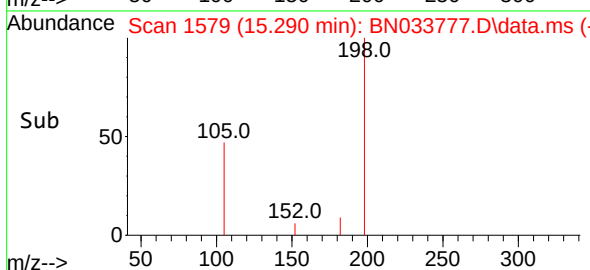
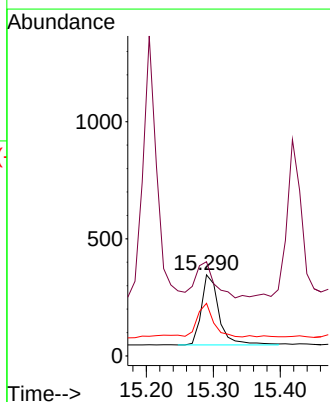
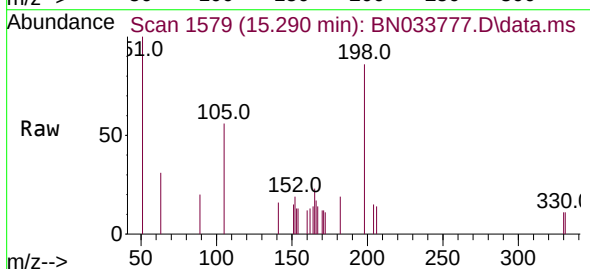
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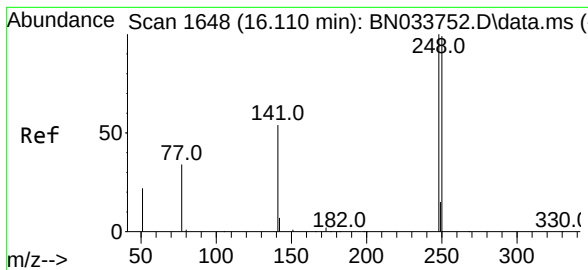
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.170 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:198 Resp: 548
Ion Ratio Lower Upper
198 100
51 116.2 92.8 139.2
105 65.0 59.4 89.0





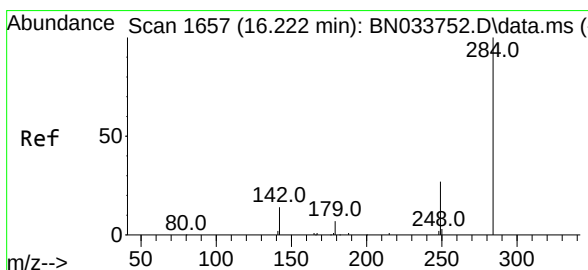
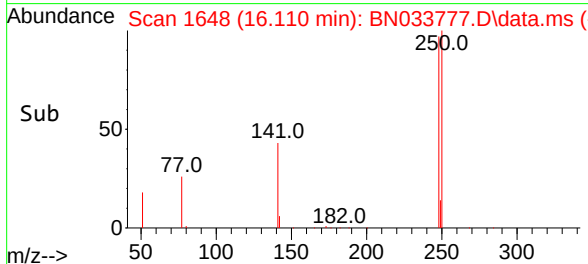
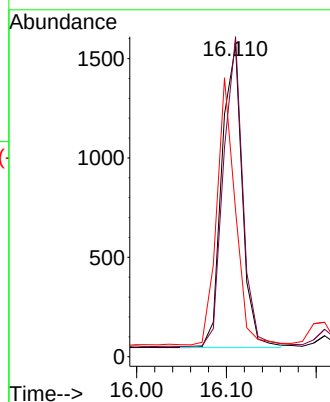
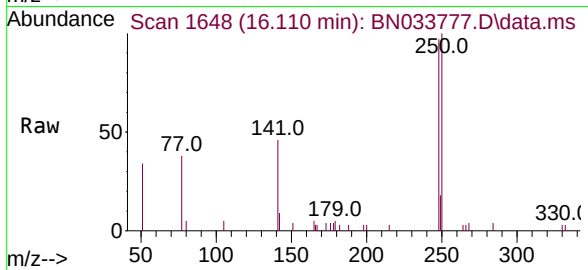
#21
4-Bromophenyl-phenylether
Concen: 0.203 ng
RT: 16.110 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:248 Resp: 2409
Ion Ratio Lower Upper
248 100
250 102.9 79.5 119.3
141 47.1 44.9 67.3

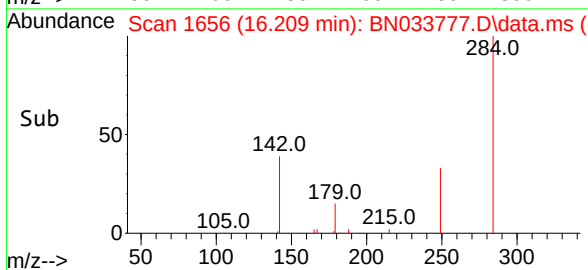
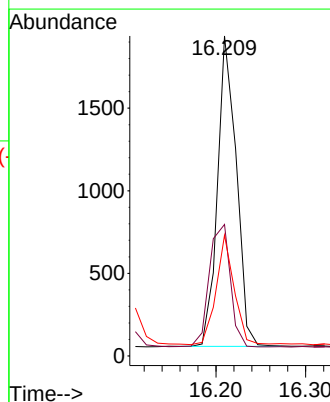
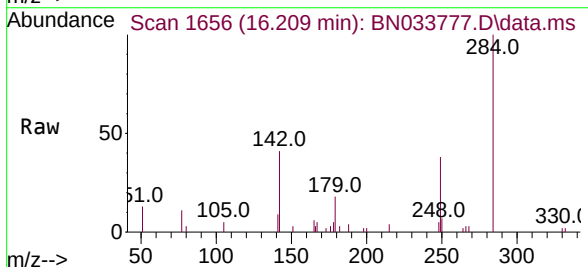
Manual Integrations
APPROVED

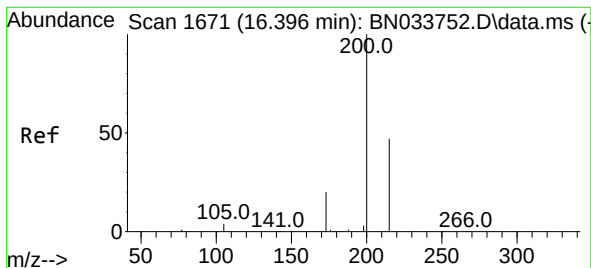
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Hexachlorobenzene
Concen: 0.202 ng
RT: 16.209 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:284 Resp: 2740
Ion Ratio Lower Upper
284 100
142 44.1 32.8 49.2
249 33.6 26.2 39.2





#23

Atrazine

Concen: 0.196 ng

RT: 16.383 min Scan# 1670

Delta R.T. -0.012 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024

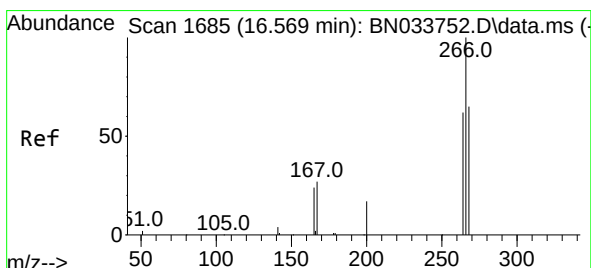
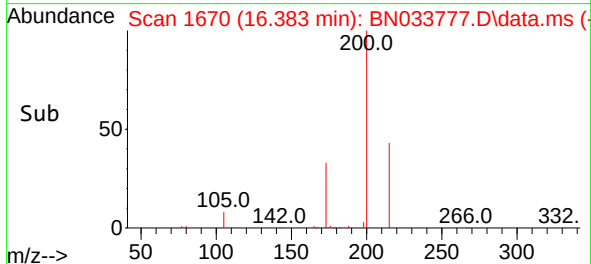
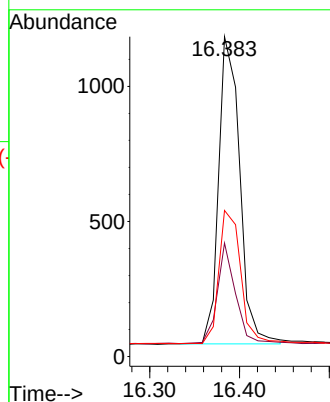
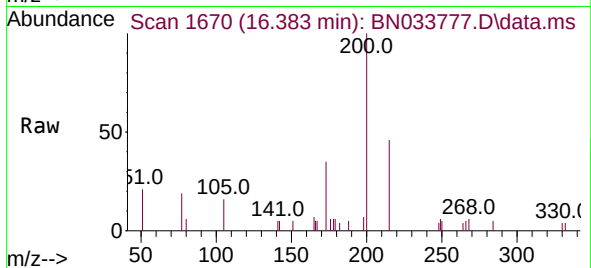
Tgt Ion:	200	Resp:	1850
Ion Ratio	Lower	Upper	
200	100		
173	35.5	18.2	27.4
215	45.7	39.0	58.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#24

Pentachlorophenol

Concen: 0.214 ng

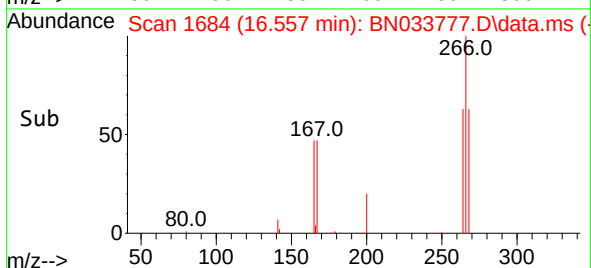
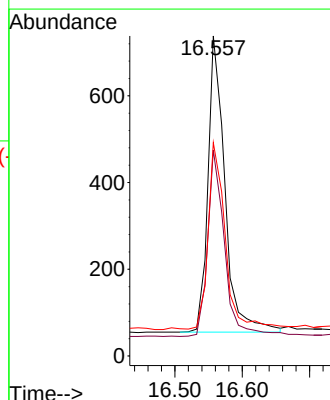
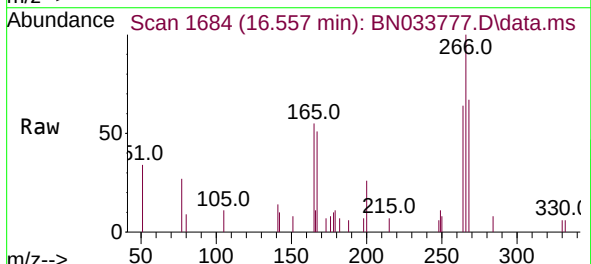
RT: 16.557 min Scan# 1684

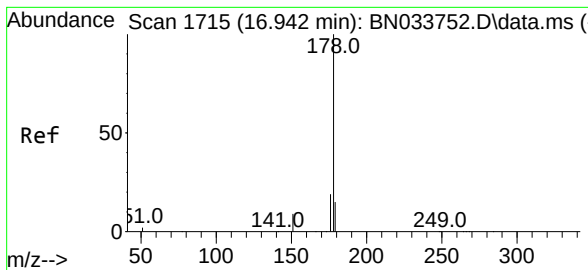
Delta R.T. -0.012 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

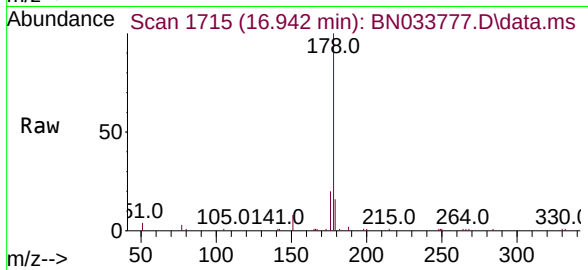
Tgt Ion:	266	Resp:	1192
Ion Ratio	Lower	Upper	
266	100		
264	63.2	49.6	74.4
268	64.2	52.2	78.4





#25
Phenanthrene
Concen: 0.217 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

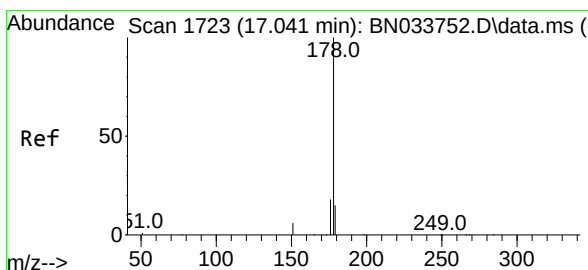
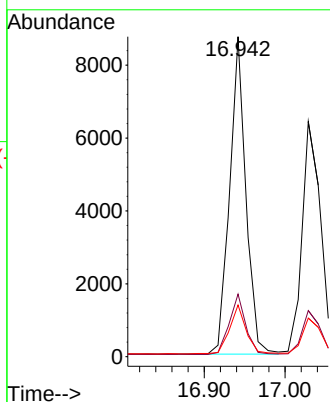
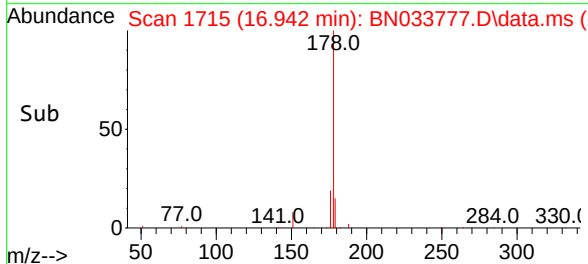
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:178 Resp: 12239
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.2 18.4

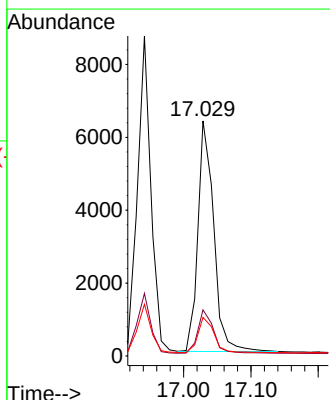
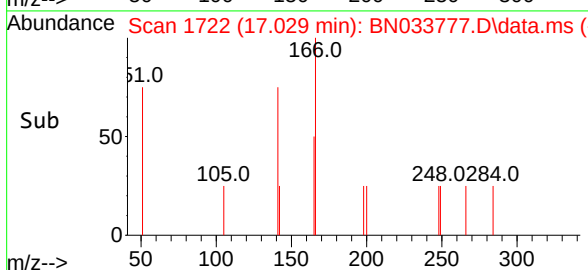
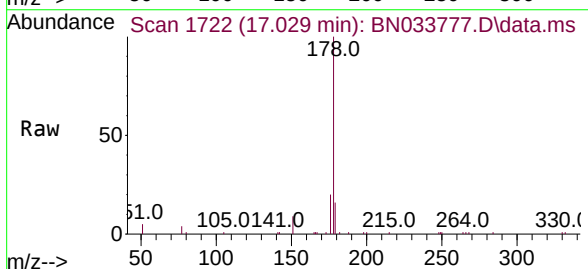
Manual Integrations
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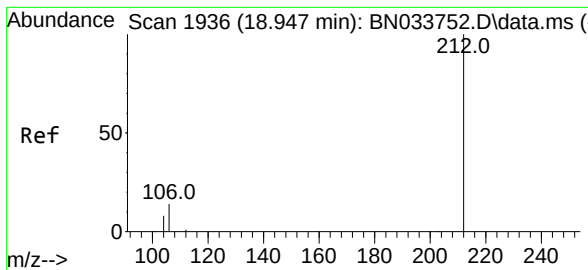
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#26
Anthracene
Concen: 0.211 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

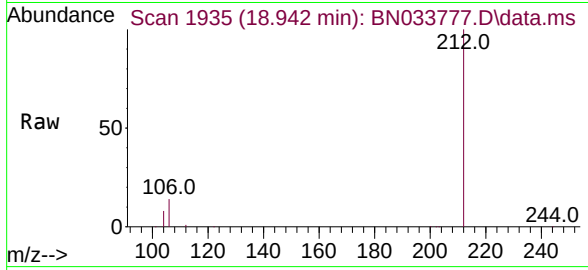
Tgt Ion:178 Resp: 10357
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.575 ng
RT: 18.942 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

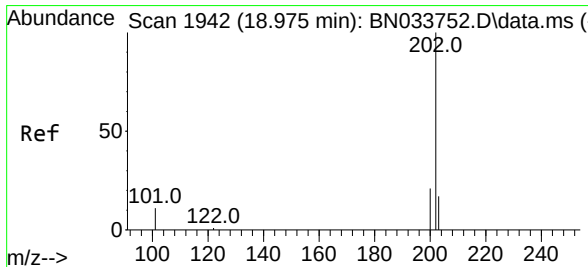
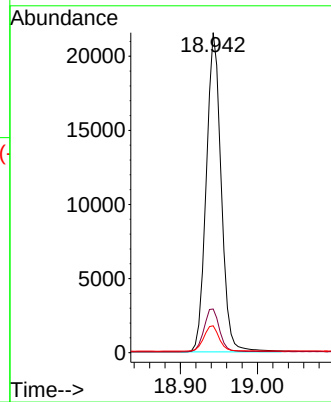
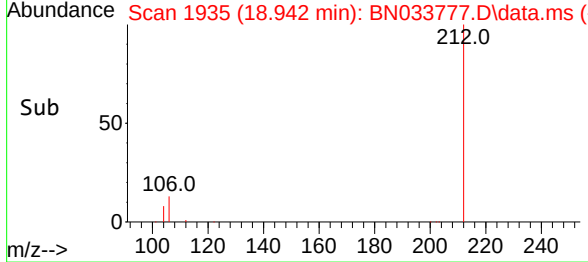
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



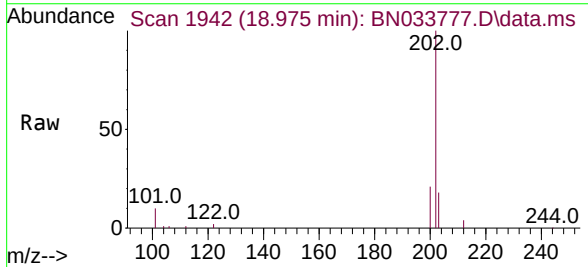
Tgt Ion:212 Resp: 29029
Ion Ratio Lower Upper
212 100
106 13.9 11.5 17.3
104 8.1 6.6 9.8

Manual Integrations
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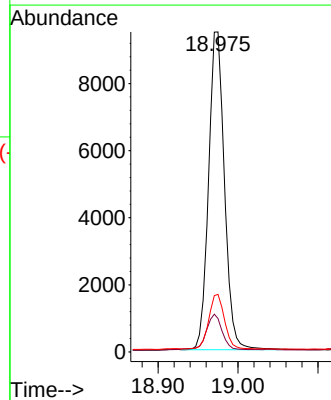
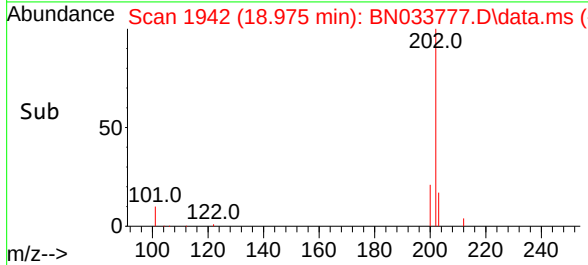
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

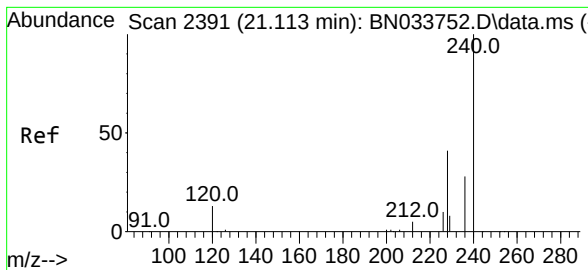


#28
Fluoranthene
Concen: 0.207 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45



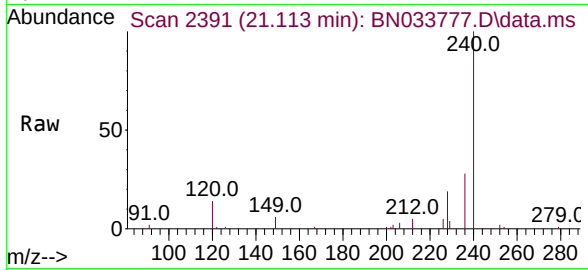
Tgt Ion:202 Resp: 13073
Ion Ratio Lower Upper
202 100
101 11.5 9.2 13.8
203 17.1 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.113 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

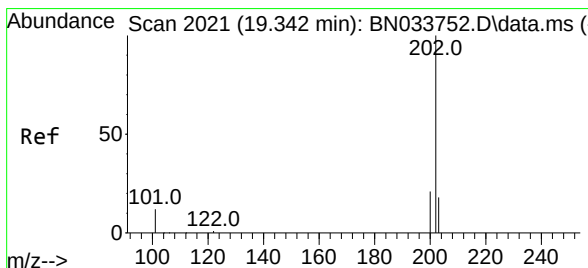
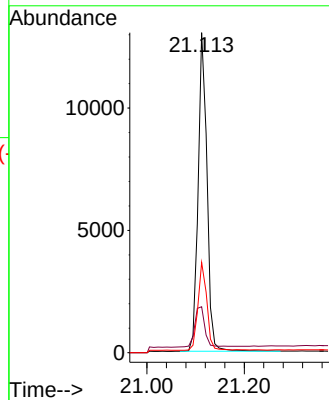
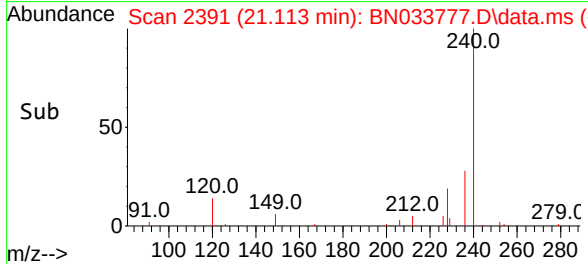
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:240 Resp: 1635
Ion Ratio Lower Upper
240 100
120 14.3 13.7 20.5
236 28.2 23.4 35.2

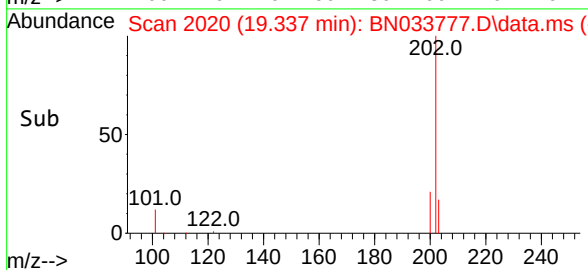
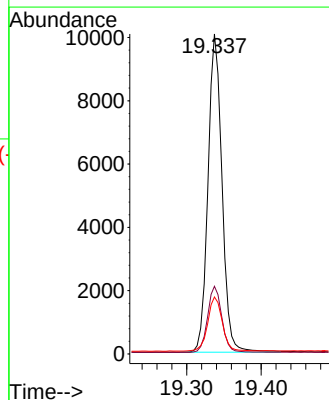
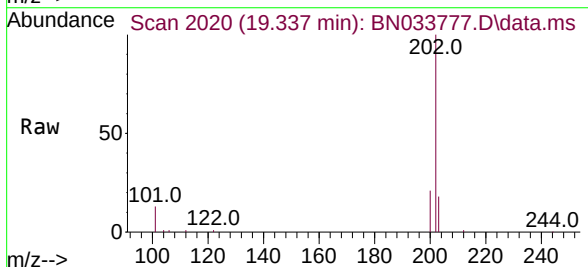
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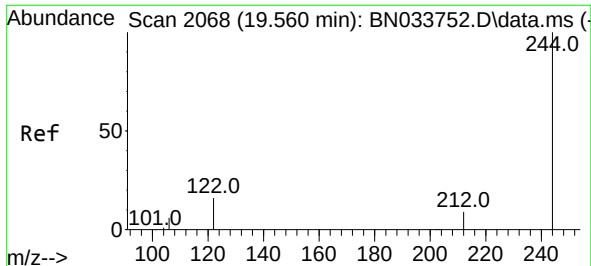
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#30
Pyrene
Concen: 0.200 ng
RT: 19.337 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

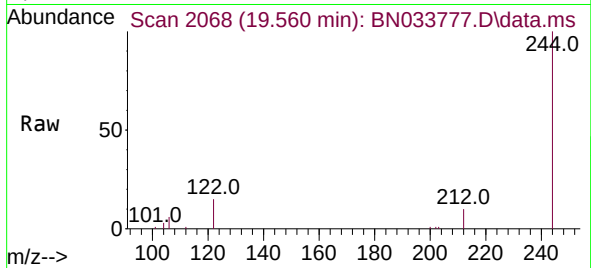
Tgt Ion:202 Resp: 13162
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.7 14.4 21.6





#31
 Terphenyl-d14
 Concen: 0.348 ng
 RT: 19.560 min Scan# 2068
 Delta R.T. -0.000 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45

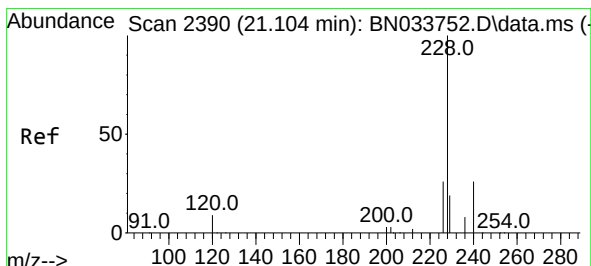
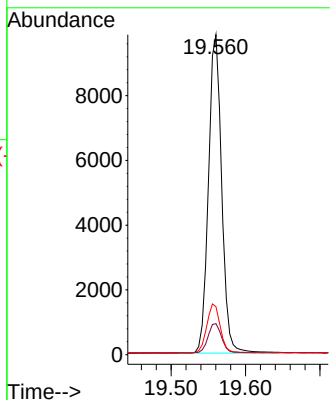
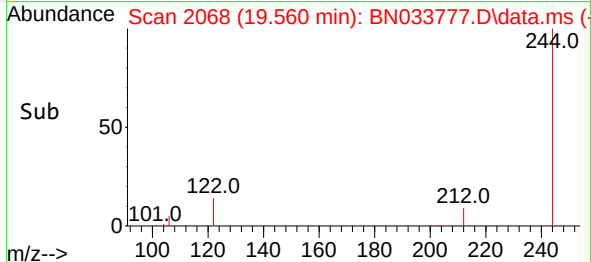
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-03-QT2-2024



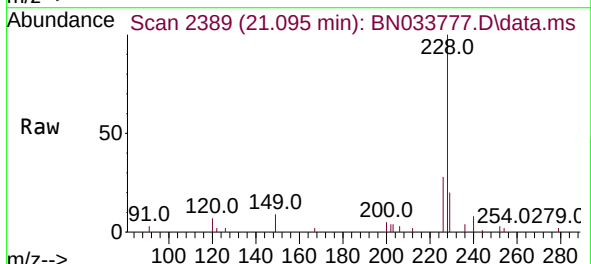
Tgt Ion:244 Resp: 12135
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.9 11.9
 122 15.0 13.2 19.8

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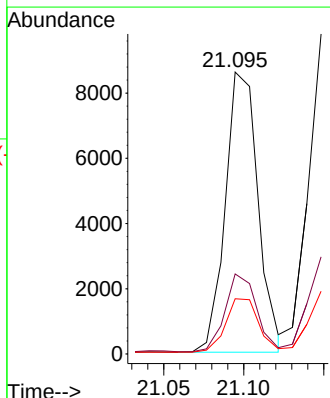
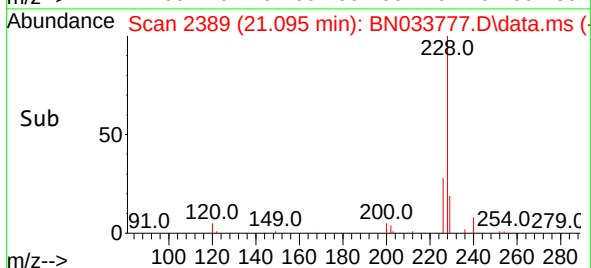
Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

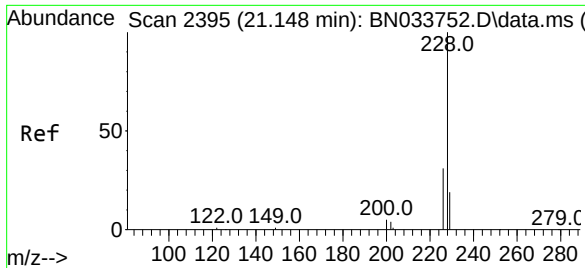


#32
 Benzo(a)anthracene
 Concen: 0.210 ng
 RT: 21.095 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45



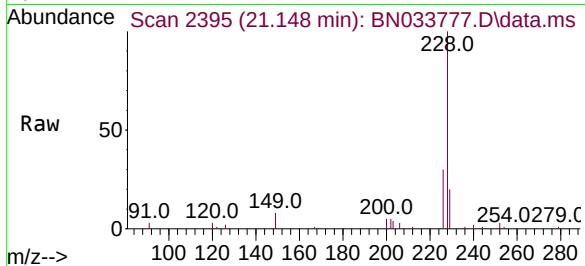
Tgt Ion:228 Resp: 12235
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.2 31.8
 229 19.6 15.9 23.9





#33
Chrysene
Concen: 0.217 ng
RT: 21.148 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

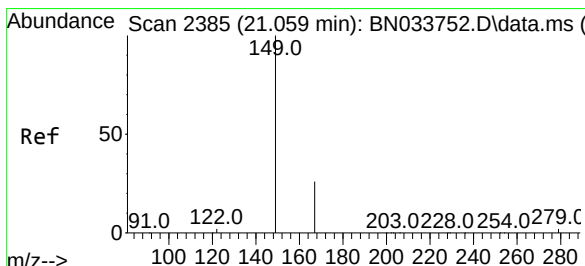
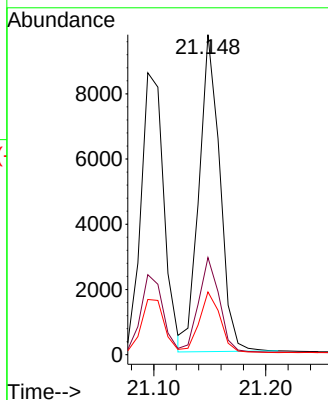
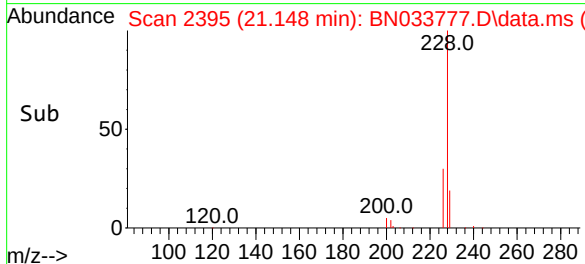
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:228 Resp: 12539
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 19.6 15.6 23.4

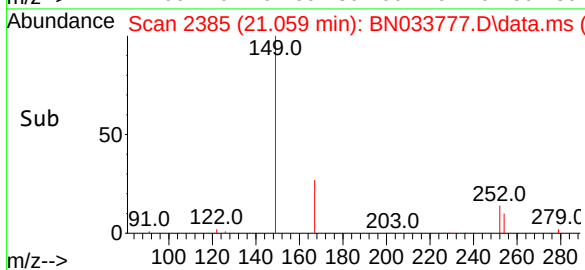
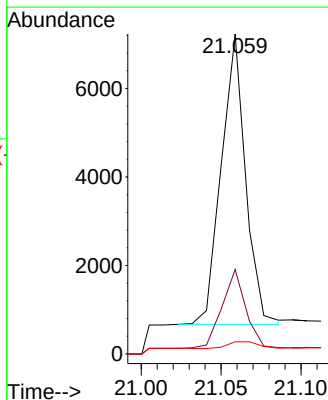
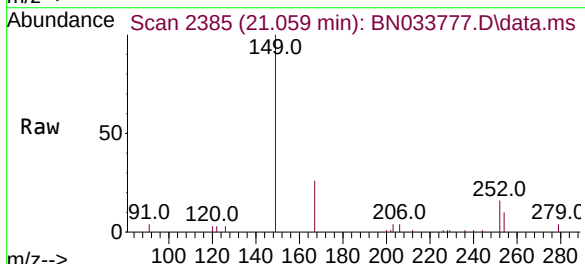
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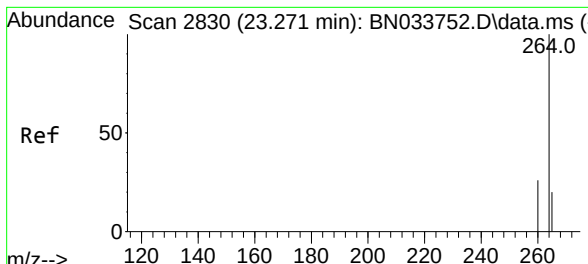
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.217 ng
RT: 21.059 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

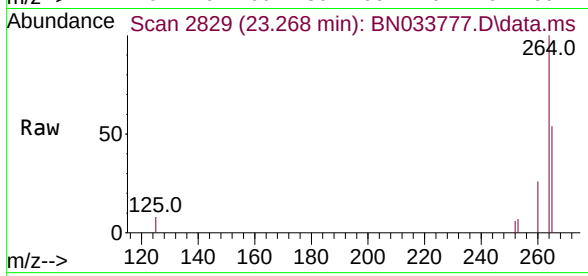
Tgt Ion:149 Resp: 6904
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 3.0 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.268 min Scan# 2829
 Delta R.T. -0.003 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45

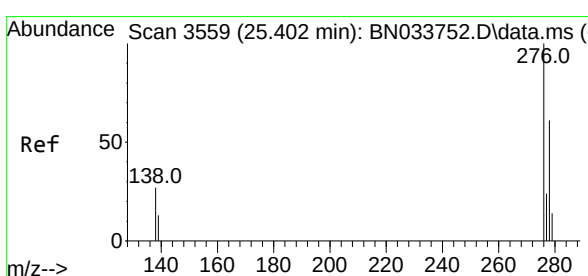
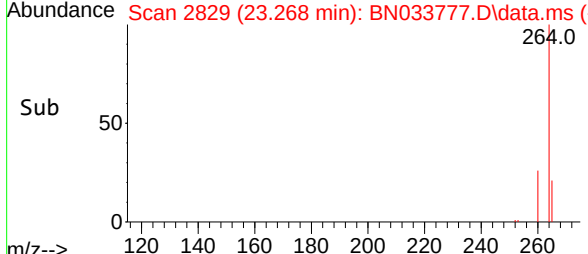
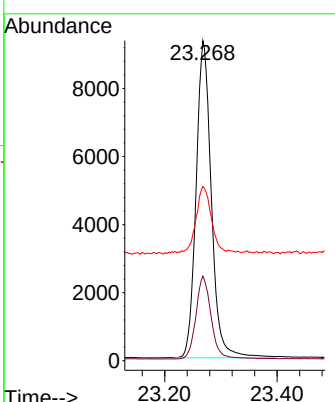
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion: 264 Resp: 1755

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	54.4	72.0	108.0

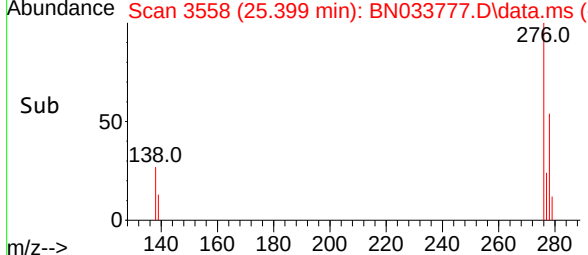
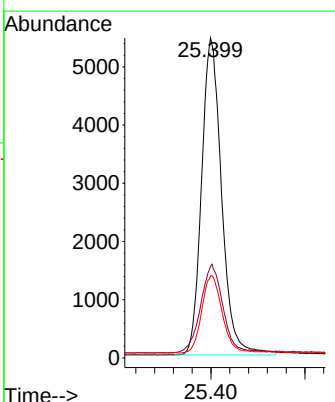
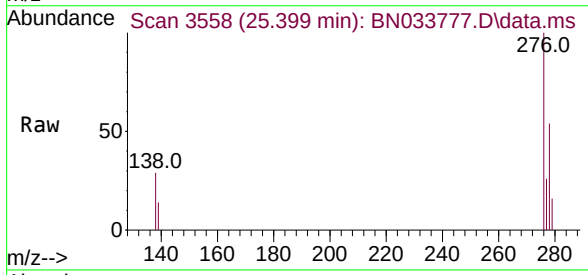
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 Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

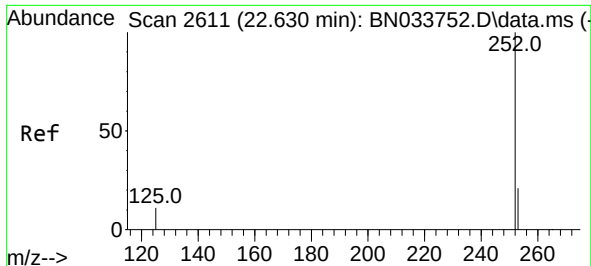


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.222 ng
 RT: 25.399 min Scan# 3558
 Delta R.T. -0.003 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45

Tgt Ion: 276 Resp: 16114

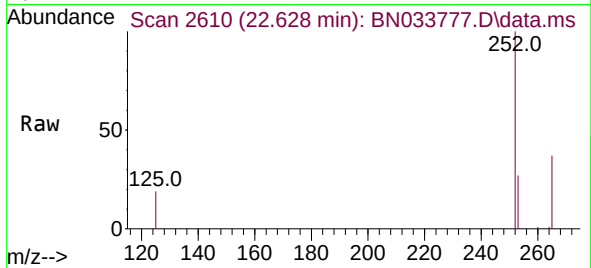
Ion	Ratio	Lower	Upper
276	100		
138	30.7	23.0	34.6
277	24.9	20.2	30.4





#37
Benzo(b)fluoranthene
Concen: 0.198 ng
RT: 22.628 min Scan# 2610
Delta R.T. -0.003 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

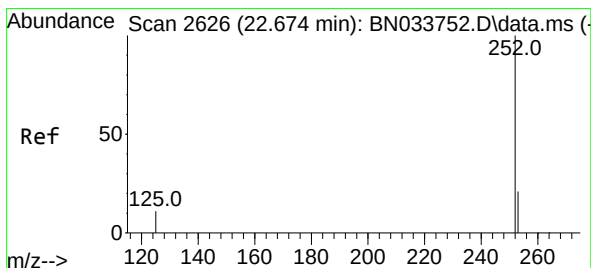
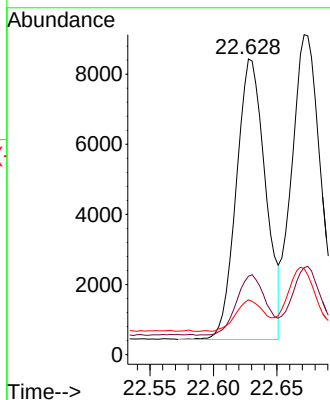
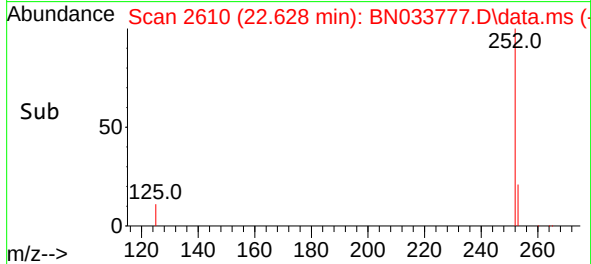
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:252 Resp: 1278
Ion Ratio Lower Upper
252 100
253 26.5 21.8 32.6
125 18.5 15.4 23.0

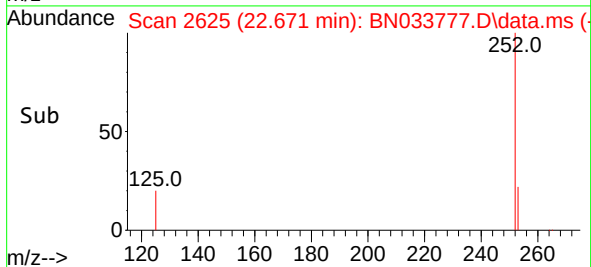
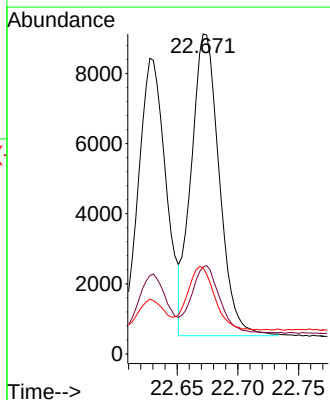
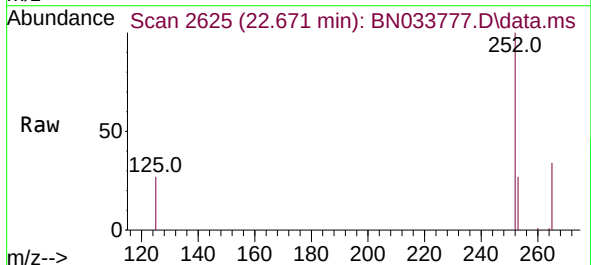
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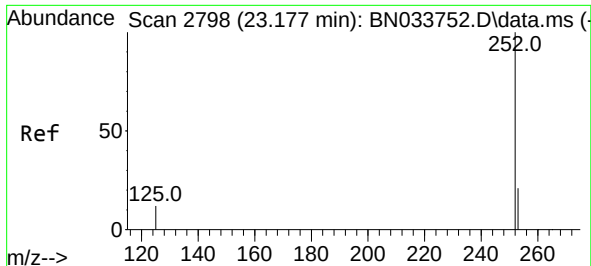
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#38
Benzo(k)fluoranthene
Concen: 0.220 ng m
RT: 22.671 min Scan# 2625
Delta R.T. -0.003 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:252 Resp: 13821
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.8
125 26.9 15.4 23.2#





#39

Benzo(a)pyrene

Concen: 0.210 ng

RT: 23.174 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033777.D

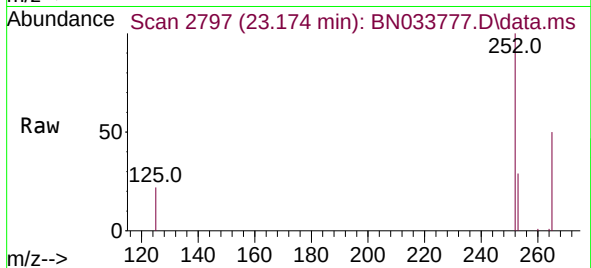
Acq: 06 Sep 2024 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024



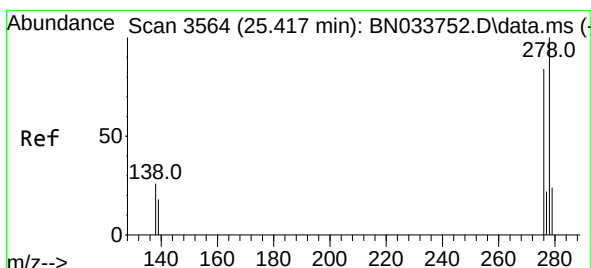
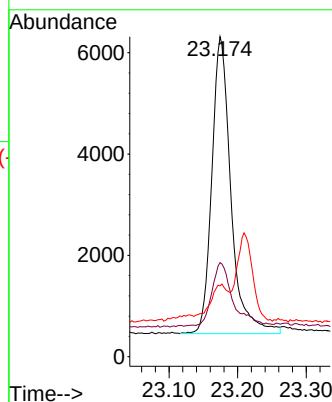
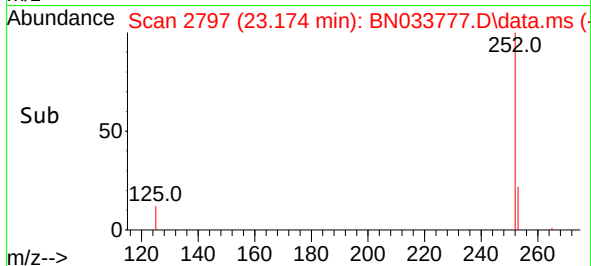
Tgt Ion:	252	Resp:	11334
Ion	Ratio	Lower	Upper
252	100		
253	29.4	24.0	36.0
125	22.2	19.1	28.7

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.219 ng

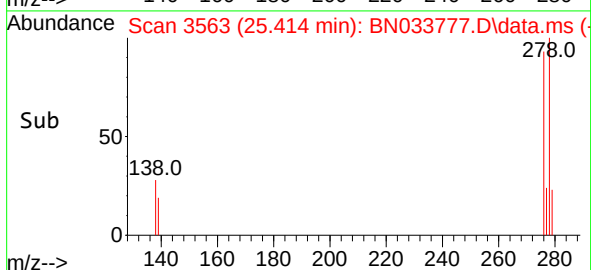
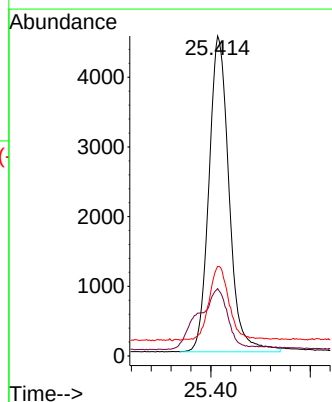
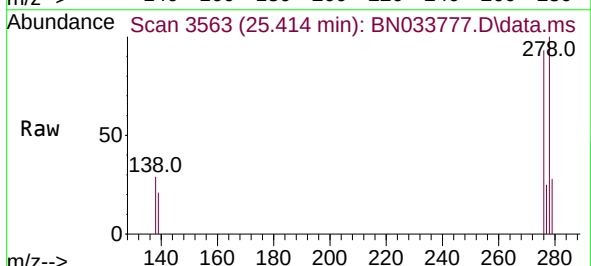
RT: 25.414 min Scan# 3563

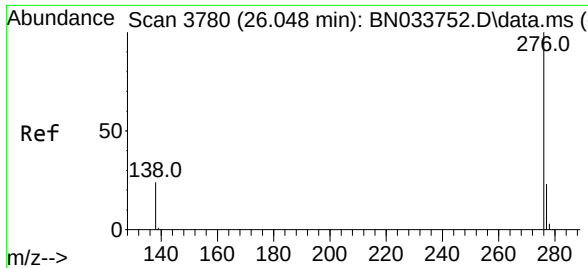
Delta R.T. -0.003 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

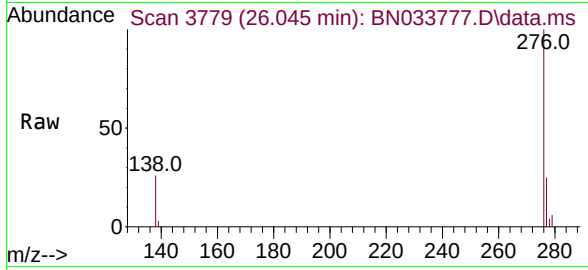
Tgt Ion:	278	Resp:	12724
Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.7	25.1
279	28.0	23.4	35.0





#41
Benzo(g,h,i)perylene
Concen: 0.204 ng
RT: 26.045 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 276 Resp: 1289

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.3	30.5
138	26.3	20.9	31.3

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Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

