

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
 Data File : BN029497.D
 Acq On : 02 Feb 2024 12:19
 Operator : MA/JU
 Sample : 02213-03
 Misc : MDL-MDL-SOIL-0.2NG
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Quant Time: Feb 02 13:35:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 01:51:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	4461	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	12006	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	5493	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	10179	0.400	ng	0.00
29) Chrysene-d12	21.483	240	5882	0.400	ng	0.00
35) Perylene-d12	23.864	264	5752	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3874	0.361	ng	0.00
5) Phenol-d6	7.060	99	4520	0.366	ng	0.00
8) Nitrobenzene-d5	9.057	82	3413	0.341	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	8783	0.537	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	546	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	8133	0.345	ng	0.00
27) Fluoranthene-d10	19.317	212	12986	0.527	ng	0.00
31) Terphenyl-d14	19.926	244	5134	0.352	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.376	88	1313	0.209	ng	95
3) n-Nitrosodimethylamine	3.723	42	852	0.166	ng	# 97
6) bis(2-Chloroethyl)ether	7.334	93	2213	0.188	ng	98
9) Naphthalene	10.744	128	6561	0.192	ng	99
10) Hexachlorobutadiene	11.021	225	1188	0.183	ng	# 99
12) 2-Methylnaphthalene	12.359	142	3761	0.187	ng	99
16) Acenaphthylene	14.254	152	5182	0.199	ng	98
17) Acenaphthene	14.596	154	3273	0.187	ng	99
18) Fluorene	15.580	166	4054	0.185	ng	99
20) 4,6-Dinitro-2-methylph...	15.666	198	231	0.154	ng	# 74
21) 4-Bromophenyl-phenylether	16.486	248	1145	0.189	ng	# 75
22) Hexachlorobenzene	16.585	284	1349	0.182	ng	96
23) Atrazine	16.759	200	835	0.194	ng	98
24) Pentachlorophenol	16.933	266	317	0.135	ng	95
25) Phenanthrene	17.330	178	5770	0.192	ng	100
26) Anthracene	17.417	178	4776	0.186	ng	99
28) Fluoranthene	19.350	202	5619	0.166	ng	99
30) Pyrene	19.712	202	5559	0.205	ng	99
32) Benzo(a)anthracene	21.465	228	3849	0.192	ng	97
33) Chrysene	21.519	228	4161	0.182	ng	98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2818	0.206	ng	97
36) Indeno(1,2,3-cd)pyrene	26.329	276	4156	0.180	ng	# 74
37) Benzo(b)fluoranthene	23.139	252	3751	0.182	ng	# 85
38) Benzo(k)fluoranthene	23.192	252	3714	0.172	ng	# 81
39) Benzo(a)pyrene	23.762	252	3102	0.173	ng	# 78
40) Dibenzo(a,h)anthracene	26.355	278	3296m	0.179	ng	
41) Benzo(g,h,i)perylene	27.077	276	3904	0.174	ng	94

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

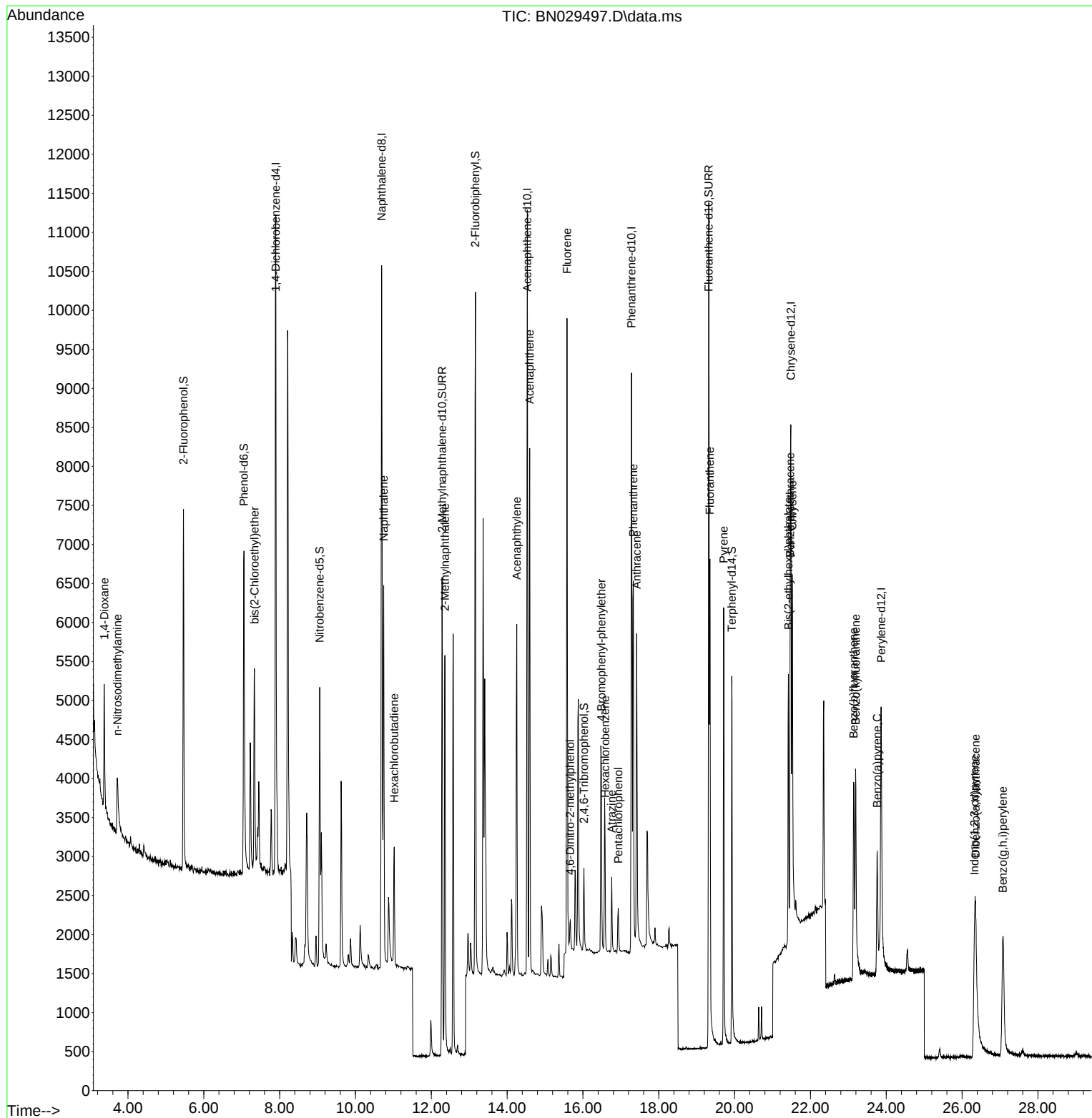
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
 Data File : BN029497.D
 Acq On : 02 Feb 2024 12:19
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 Sample : 02213-03
 Misc : MDL-MDL-SOIL-0.2NG
 ALS Vial : 6 Sample Multiplier: 1

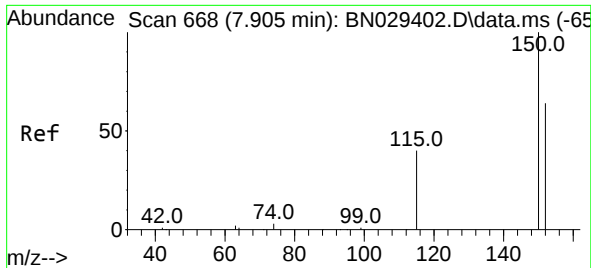
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Quant Time: Feb 02 13:35:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 01:51:59 2024
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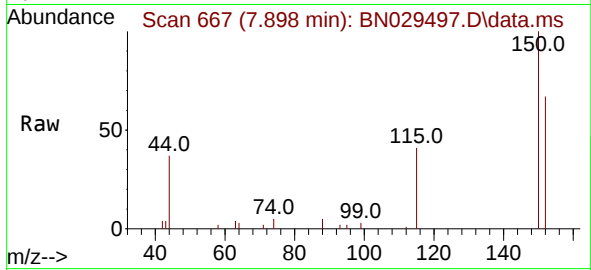
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 668
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

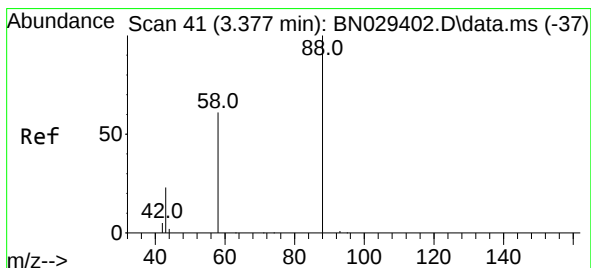
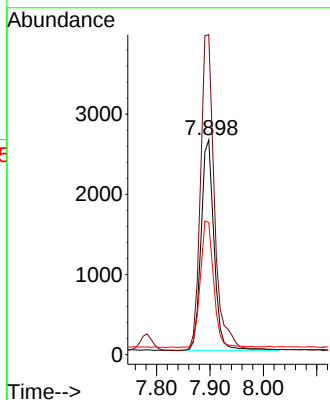
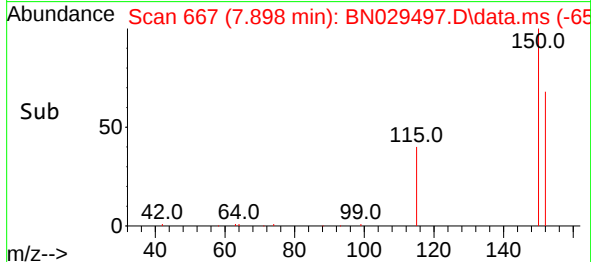
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:152 Resp: 446
Ion Ratio Lower Upper
152 100
150 149.0 123.0 184.4
115 61.4 51.4 77.0

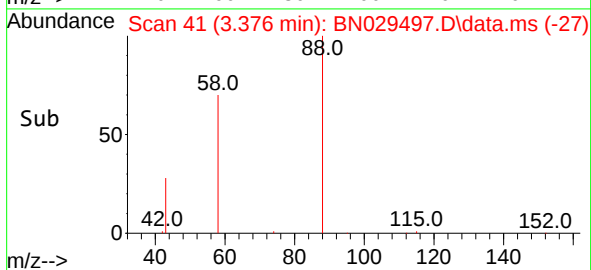
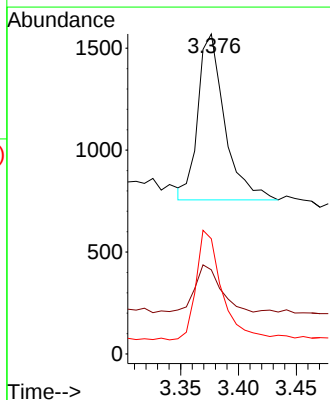
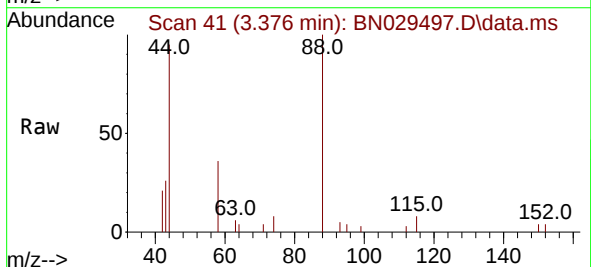
Manual Integrations
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Supervised By :mohammad ahmed 02/06/2024



#2
1,4-Dioxane
Concen: 0.209 ng
RT: 3.376 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

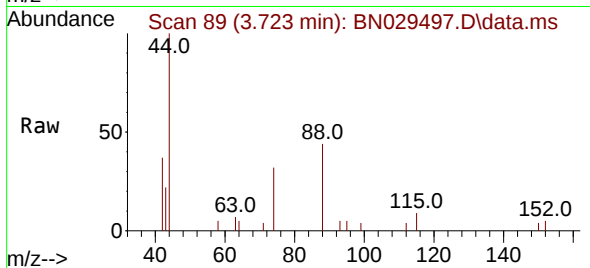
Tgt Ion: 88 Resp: 1313
Ion Ratio Lower Upper
88 100
43 26.1 23.3 34.9
58 63.6 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.166 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.014 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

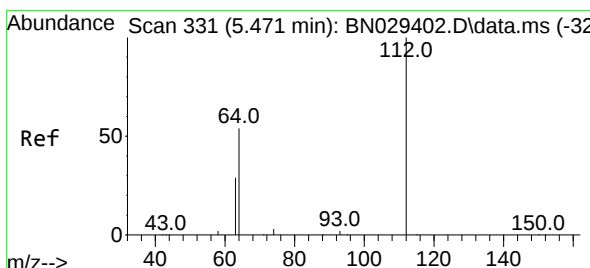
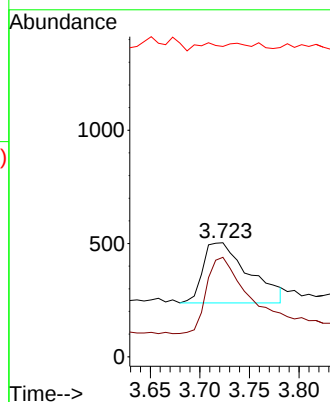
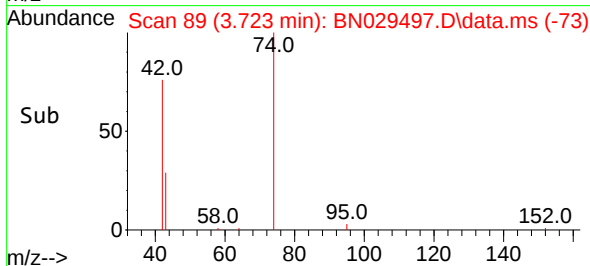
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion: 42 Resp: 852
Ion Ratio Lower Upper
42 100
74 117.7 93.7 140.5
44 6.6 13.0 19.4

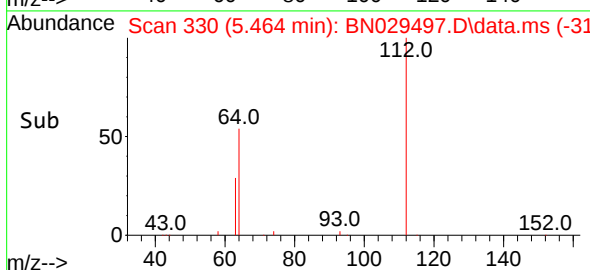
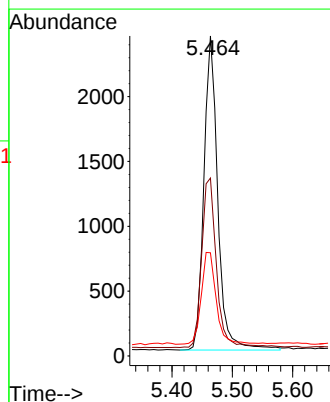
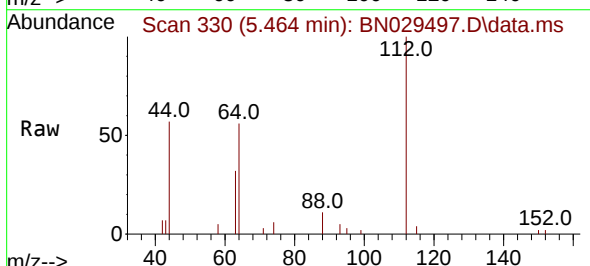
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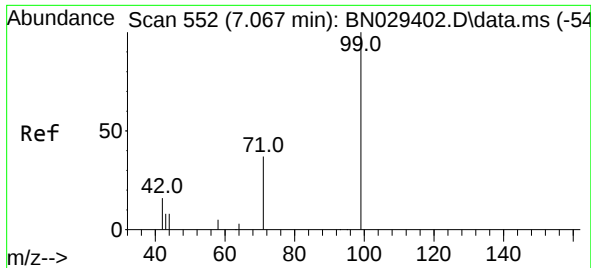
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Tgt Ion:112 Resp: 3874
Ion Ratio Lower Upper
112 100
64 57.7 47.2 70.8
63 31.7 25.8 38.6





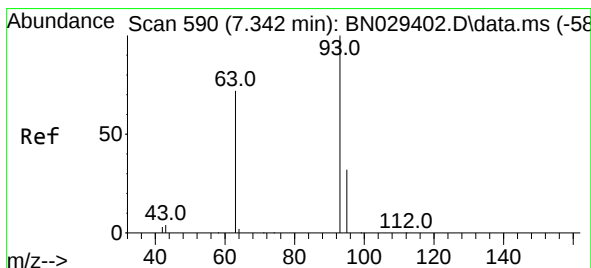
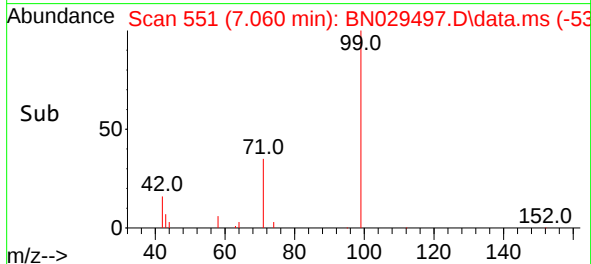
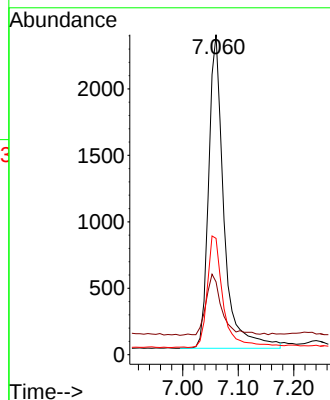
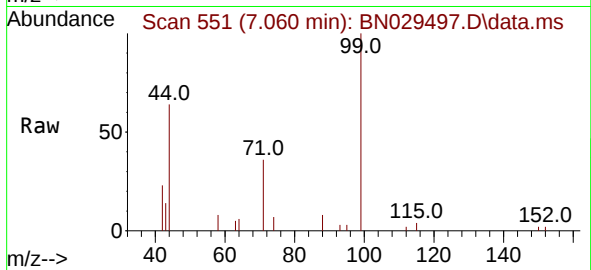
#5
Phenol-d6
Concen: 0.366 ng
RT: 7.060 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Tgt Ion: 99 Resp: 4520
Ion Ratio Lower Upper
99 100
42 20.2 16.9 25.3
71 37.5 30.0 45.0

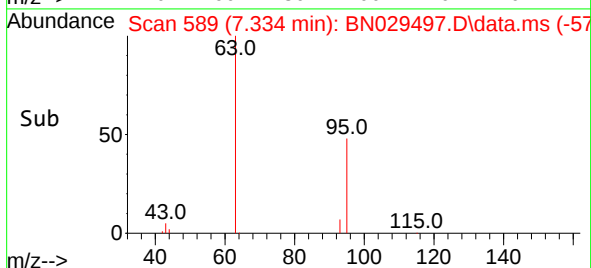
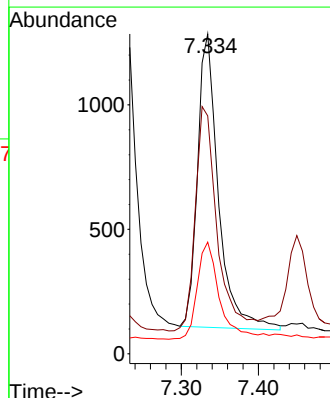
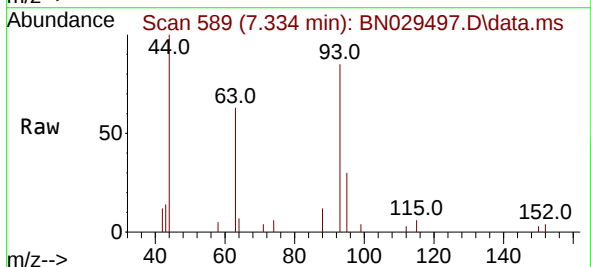
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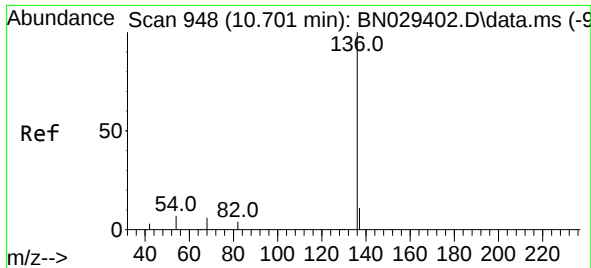
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.188 ng
RT: 7.334 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Tgt Ion: 93 Resp: 2213
Ion Ratio Lower Upper
93 100
63 80.2 63.1 94.7
95 34.8 27.1 40.7





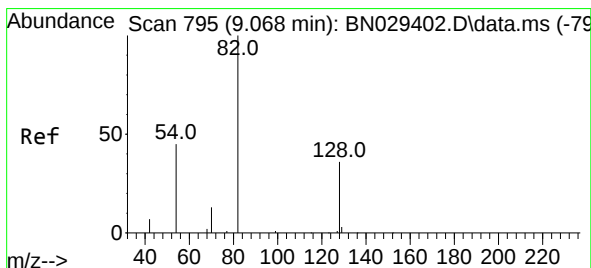
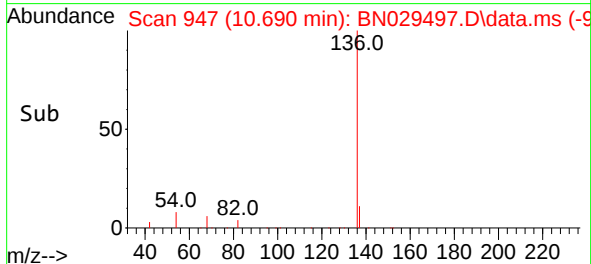
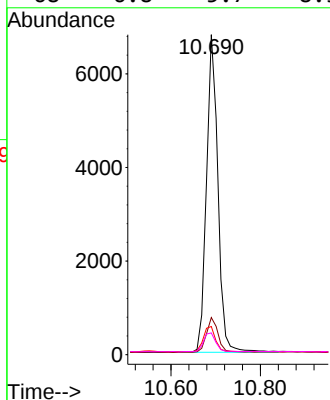
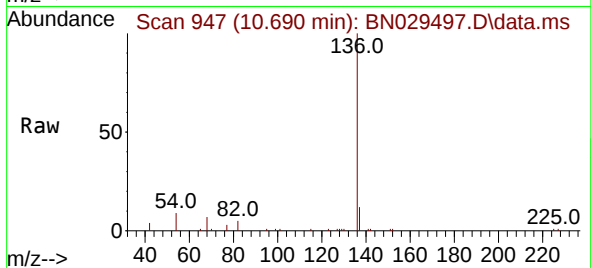
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Tgt Ion:	136	Resp:	12000
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.7	14.5
54	8.8	6.6	10.0
68	6.8	5.7	8.5

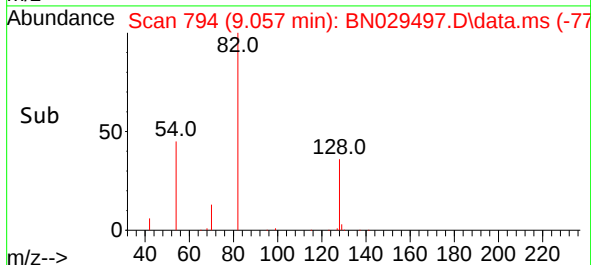
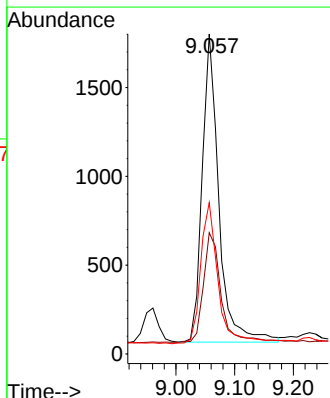
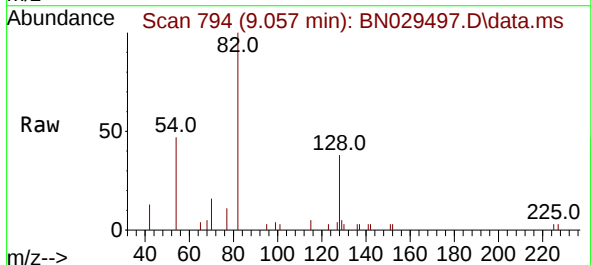
Manual Integrations
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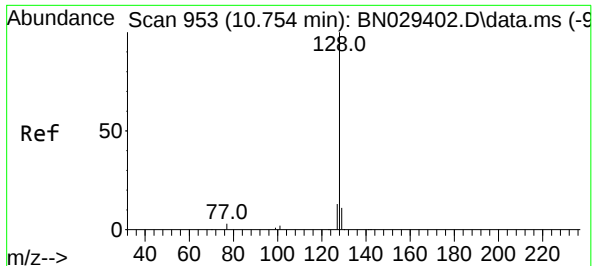
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Tgt Ion:	82	Resp:	3413
Ion Ratio	Lower	Upper	
82	100		
128	37.9	31.6	47.4
54	47.3	38.2	57.4





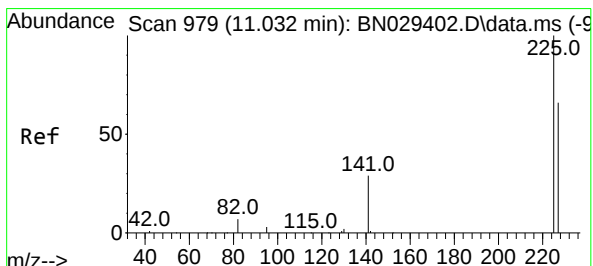
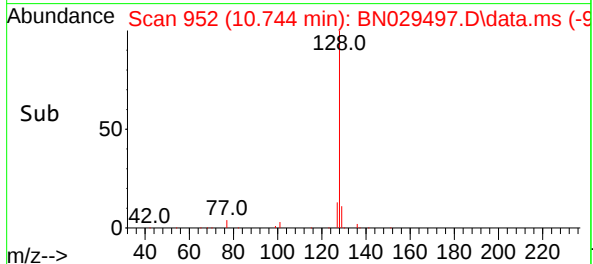
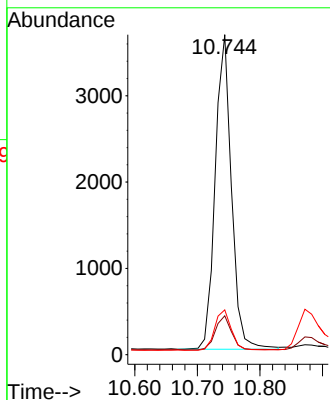
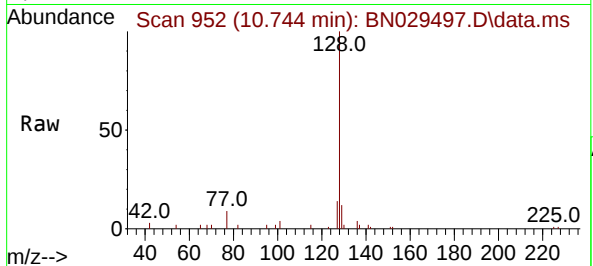
#9
Naphthalene
Concen: 0.192 ng
RT: 10.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Tgt Ion:128 Resp: 656
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.0 10.8 16.2

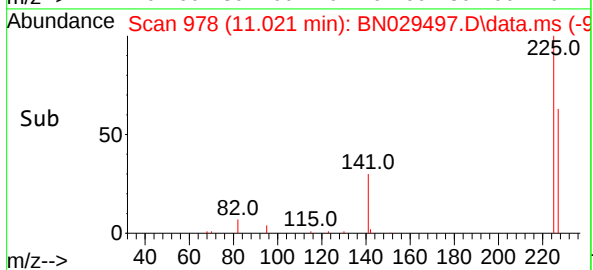
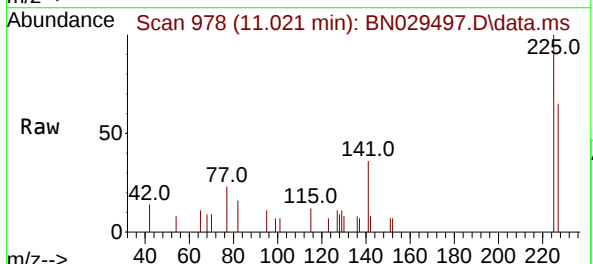
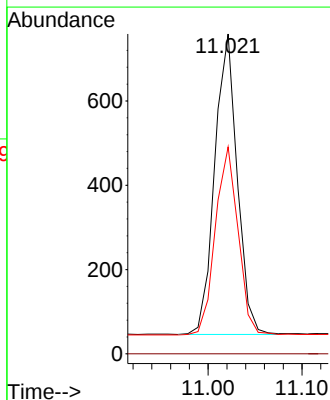
Manual Integrations
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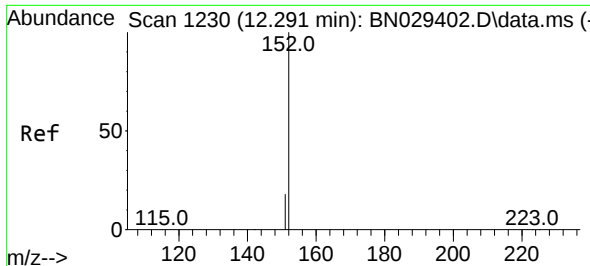
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#10
Hexachlorobutadiene
Concen: 0.183 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

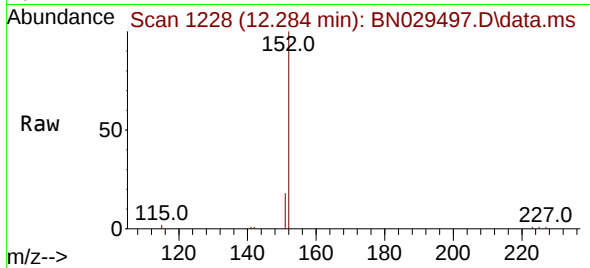
Tgt Ion:225 Resp: 1188
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.0 51.1 76.7





#11
2-Methylnaphthalene-d10
Concen: 0.537 ng
RT: 12.284 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

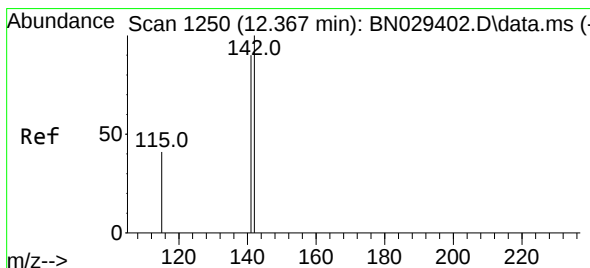
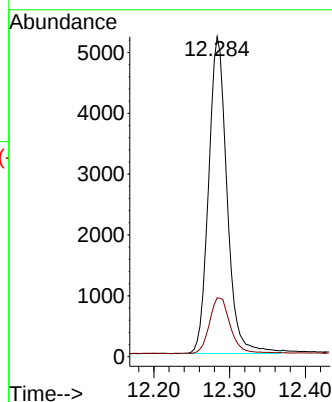
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:152 Resp: 878
Ion Ratio Lower Upper
152 100
151 20.1 17.1 25.7

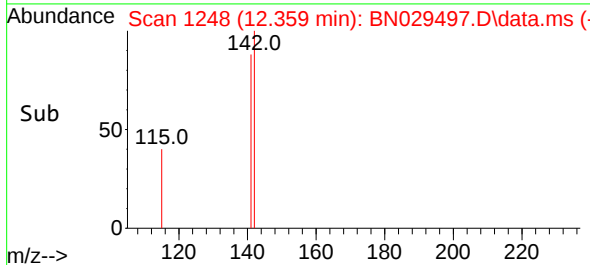
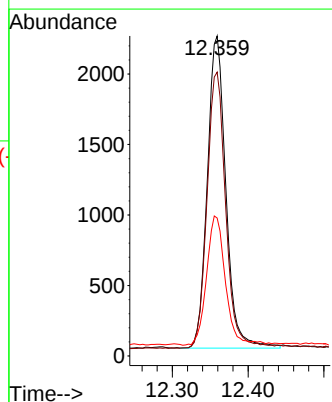
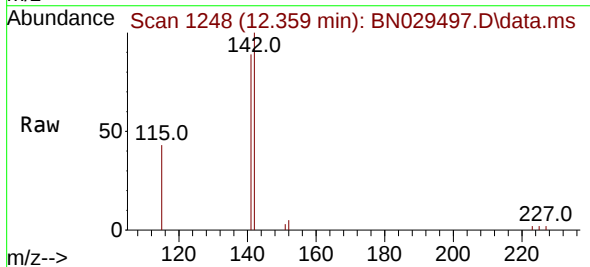
Manual Integrations
APPROVED

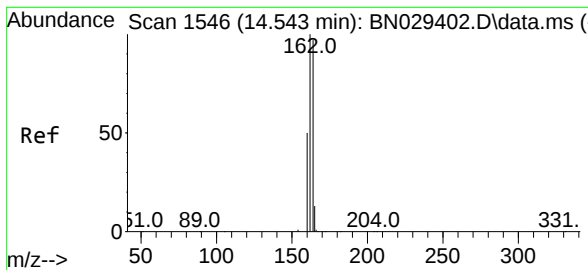
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 12.359 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

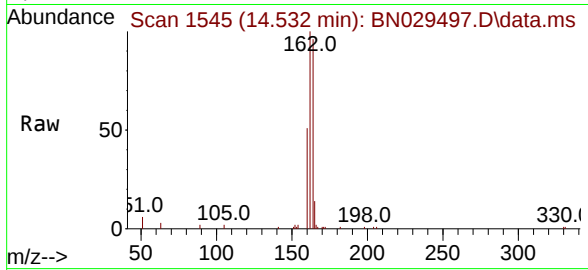
Tgt Ion:142 Resp: 3761
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9
115 43.1 33.9 50.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

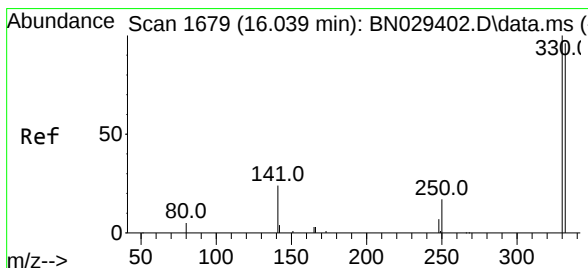
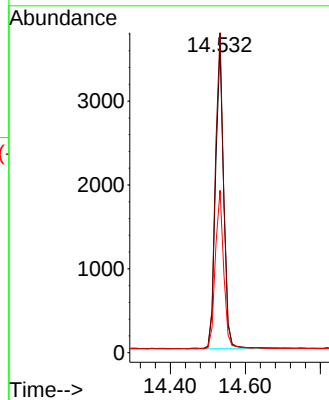
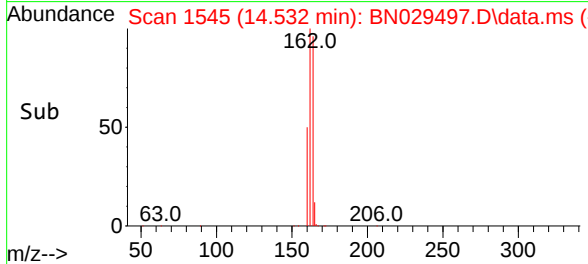
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BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



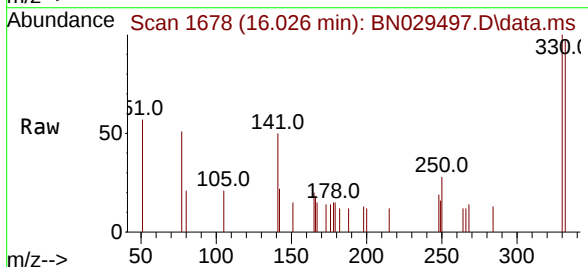
Tgt Ion:164 Resp: 549
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 52.7 41.5 62.3

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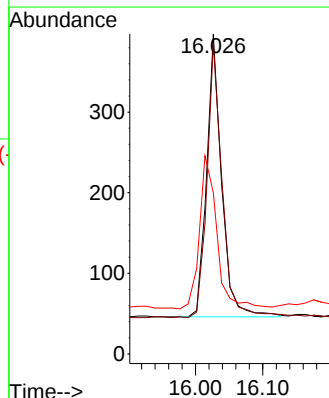
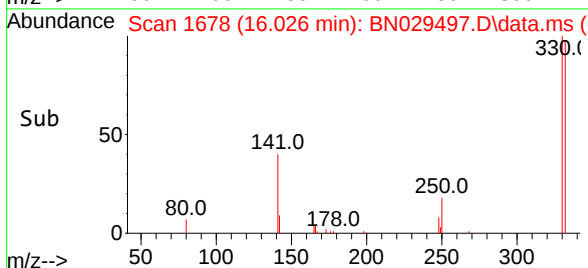
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

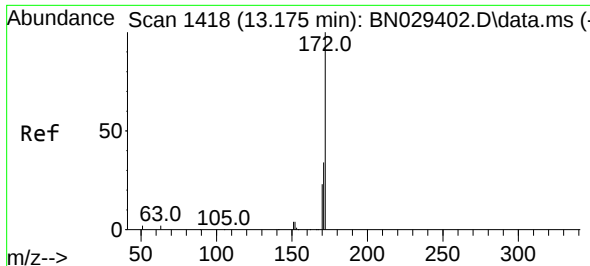


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 16.026 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19



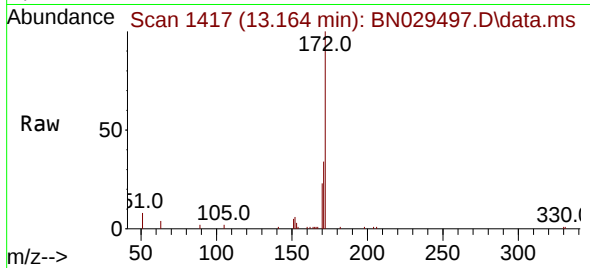
Tgt Ion:330 Resp: 546
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 61.0 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

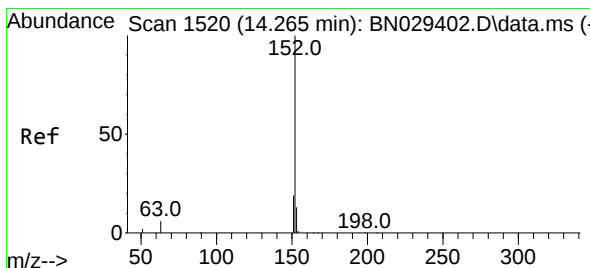
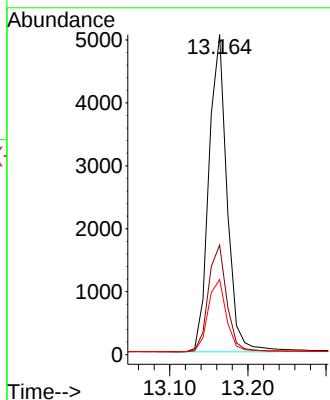
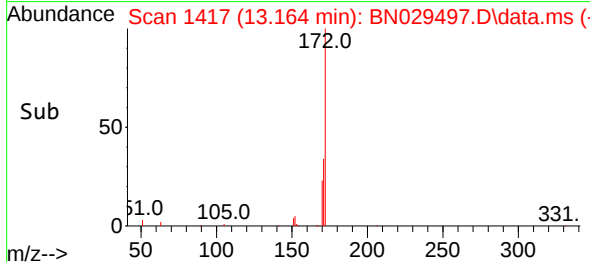
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:172 Resp: 813
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.4 18.7 28.1

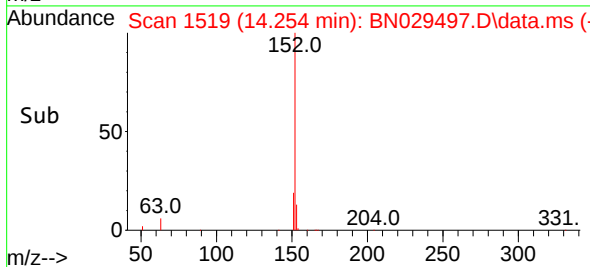
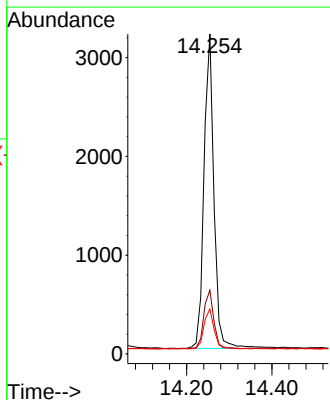
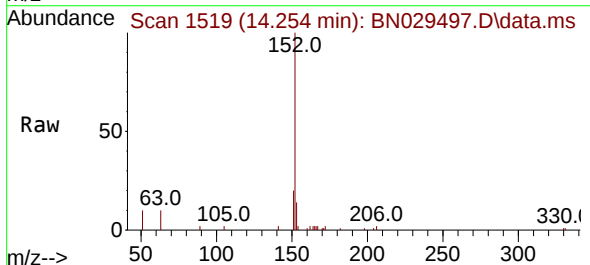
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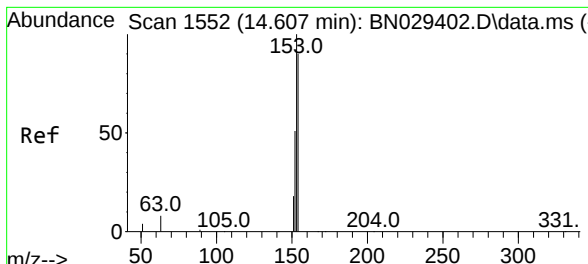
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#16
Acenaphthylene
Concen: 0.199 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Tgt Ion:152 Resp: 5182
Ion Ratio Lower Upper
152 100
151 18.8 15.9 23.9
153 13.2 10.5 15.7





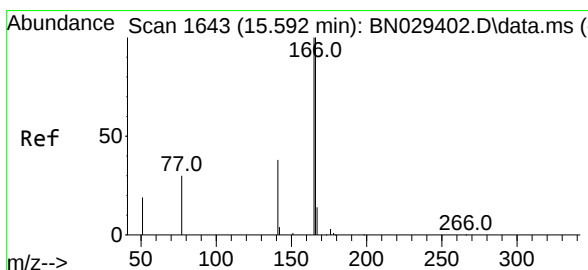
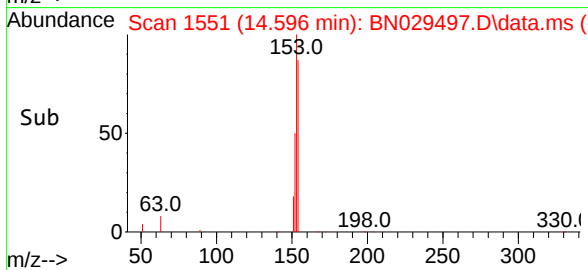
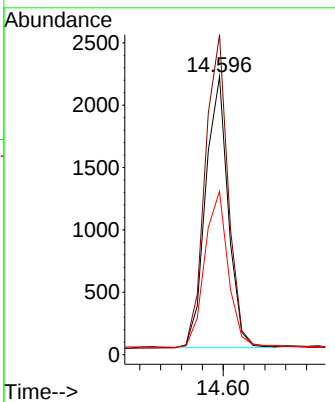
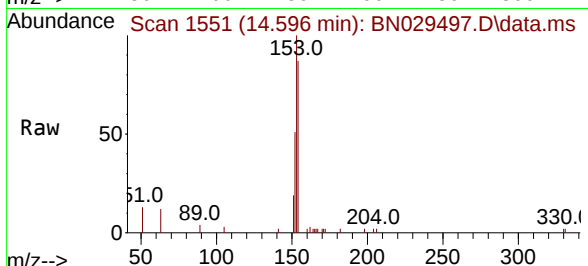
#17
 Acenaphthene
 Concen: 0.187 ng
 RT: 14.596 min Scan# 1551
 Delta R.T. -0.000 min
 Lab File: BN029497.D
 Acq: 02 Feb 2024 12:19

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-03-QT2-2023

Tgt Ion:	154	Resp:	327
Ion Ratio	Lower	Upper	
154	100		
153	119.0	93.6	140.4
152	60.7	48.6	73.0

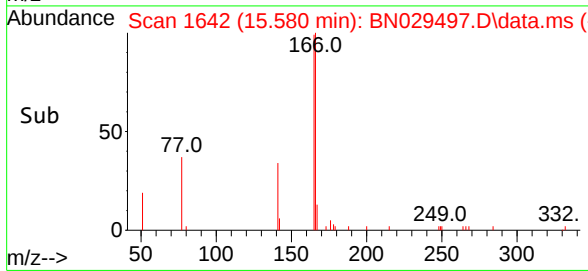
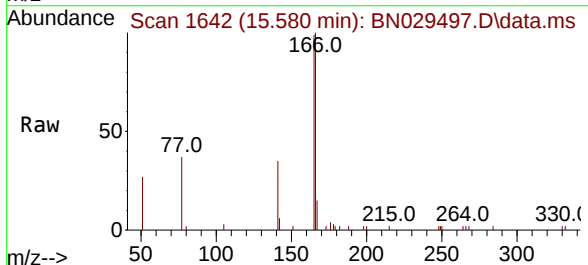
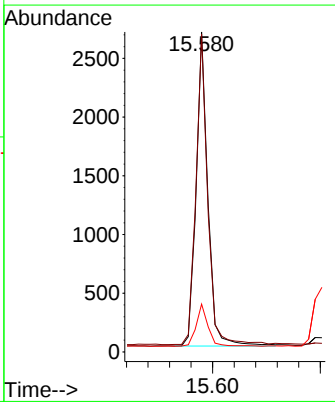
Manual Integrations
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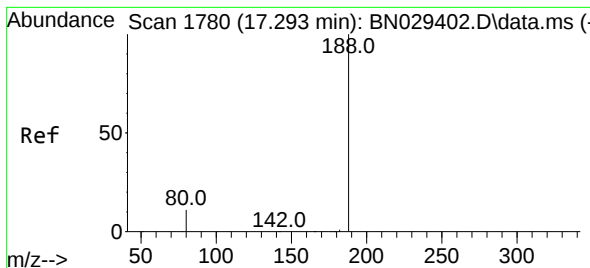
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#18
 Fluorene
 Concen: 0.185 ng
 RT: 15.580 min Scan# 1642
 Delta R.T. -0.000 min
 Lab File: BN029497.D
 Acq: 02 Feb 2024 12:19

Tgt Ion:	166	Resp:	4054
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.9	119.9
167	13.4	11.3	16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.280 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BN029497.D

Acq: 02 Feb 2024 12:19

Instrument :

BNA_N

ClientSampleId :

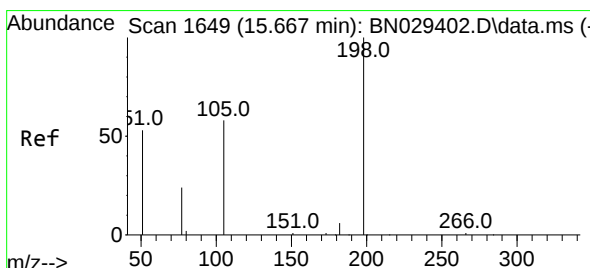
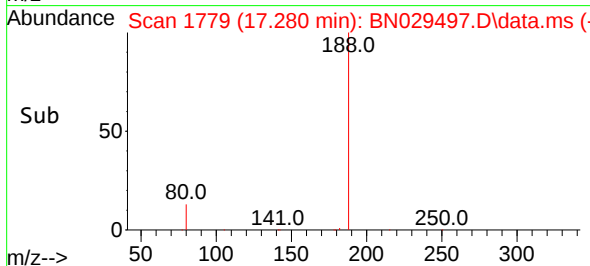
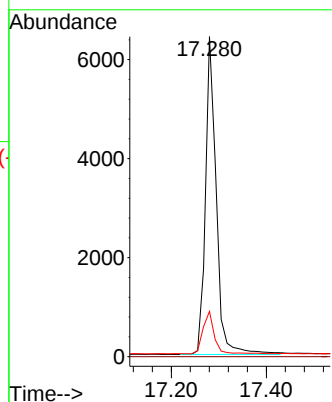
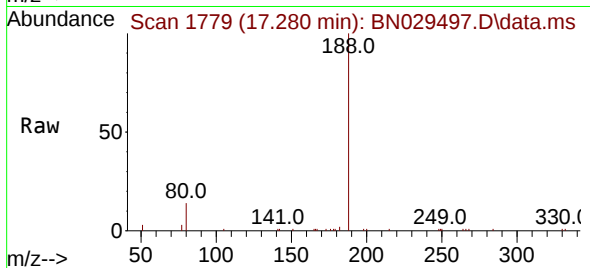
MDL-SOIL-03-QT2-2023

Tgt Ion:188 Resp: 10179
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 14.2 10.0 15.0

Manual Integrations

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 Supervised By :mohammad ahmed 02/06/2024



#20

4,6-Dinitro-2-methylphenol

Concen: 0.154 ng

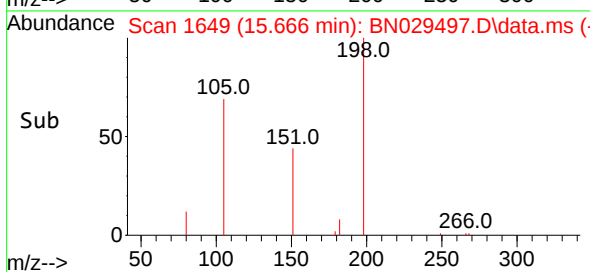
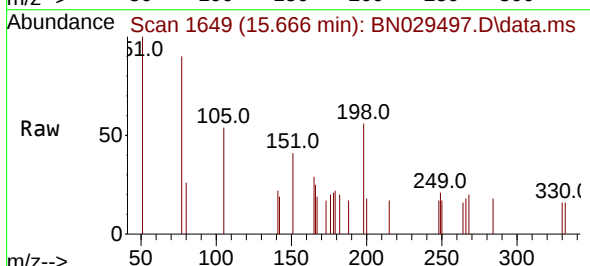
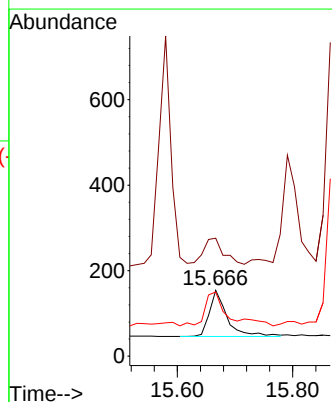
RT: 15.666 min Scan# 1649

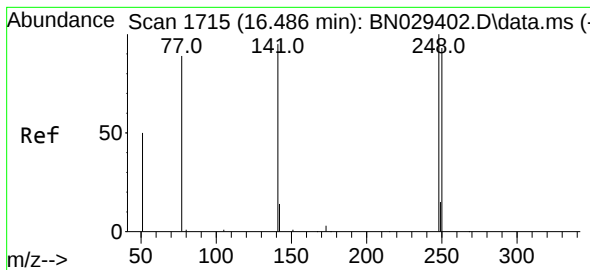
Delta R.T. -0.000 min

Lab File: BN029497.D

Acq: 02 Feb 2024 12:19

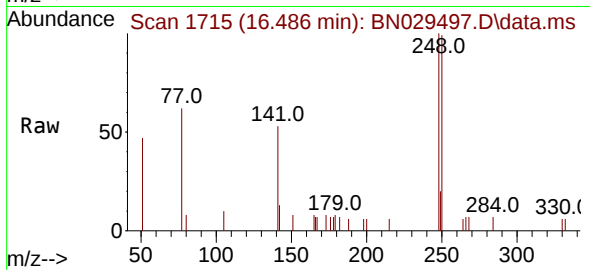
Tgt Ion:198 Resp: 231
 Ion Ratio Lower Upper
 198 100
 51 179.2 111.0 166.6#
 105 97.4 67.0 100.6





#21
4-Bromophenyl-phenylether
Concen: 0.189 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

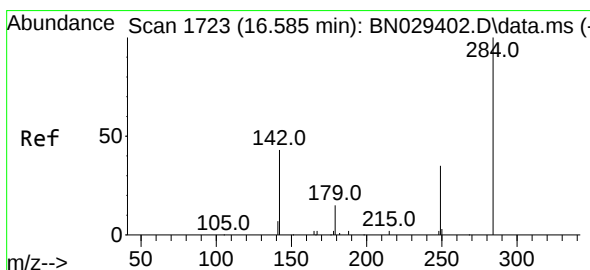
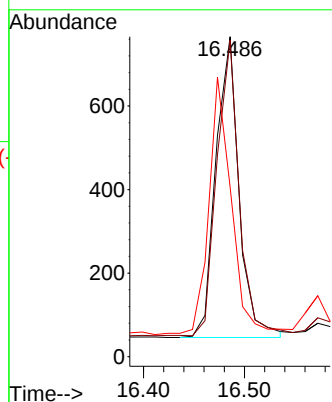
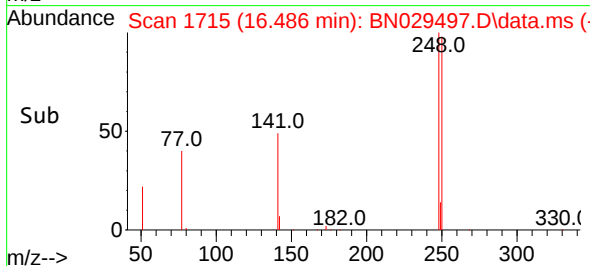
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:248 Resp: 1145
Ion Ratio Lower Upper
248 100
250 99.0 75.0 112.4
141 53.0 77.0 115.6

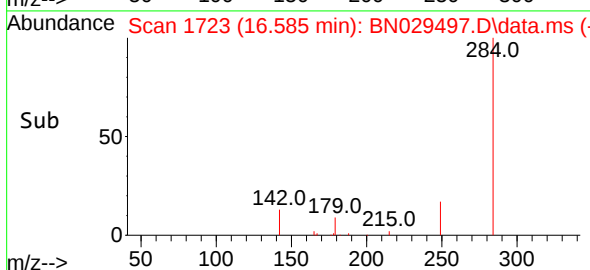
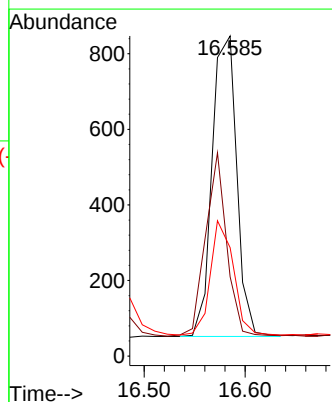
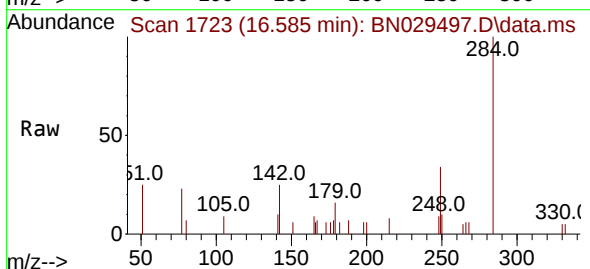
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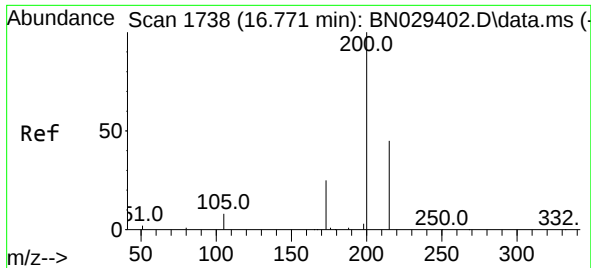
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#22
Hexachlorobenzene
Concen: 0.182 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

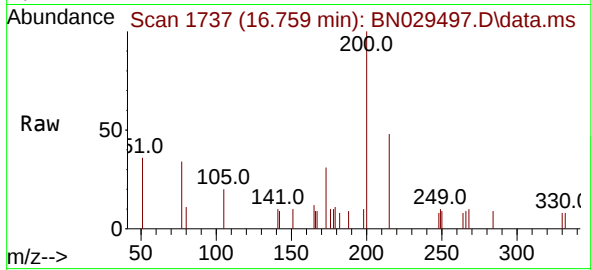
Tgt Ion:284 Resp: 1349
Ion Ratio Lower Upper
284 100
142 52.0 39.4 59.2
249 35.4 26.9 40.3





#23
Atrazine
Concen: 0.194 ng
RT: 16.759 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

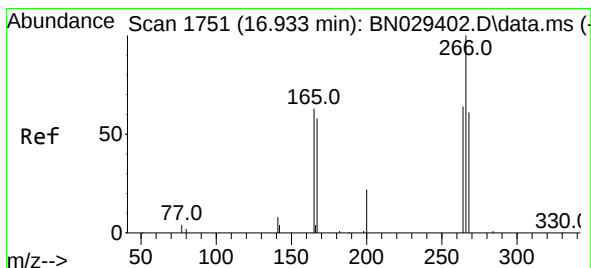
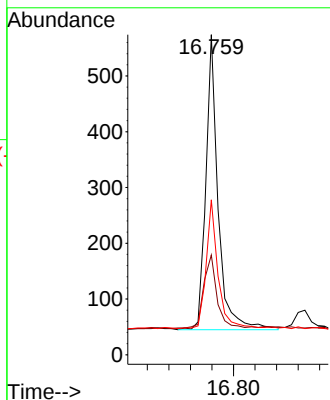
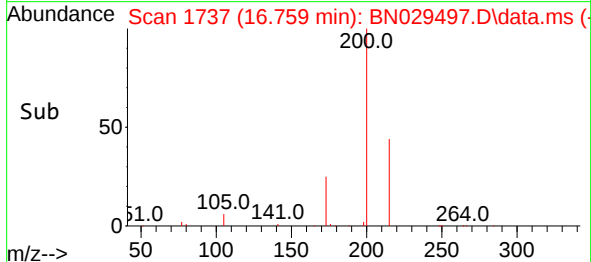
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:200 Resp: 835
Ion Ratio Lower Upper
200 100
173 31.2 23.4 35.0
215 48.4 38.4 57.6

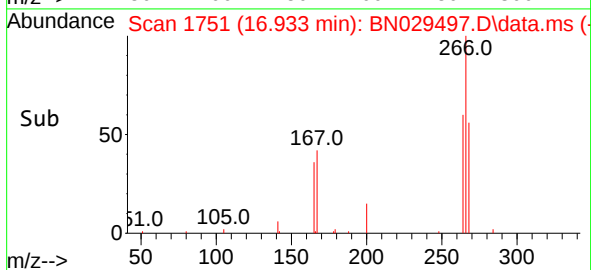
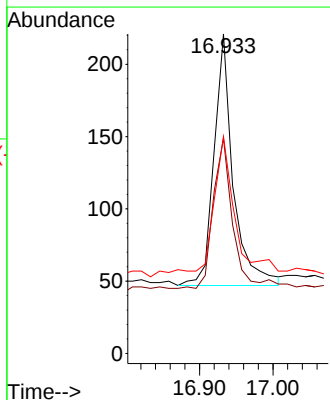
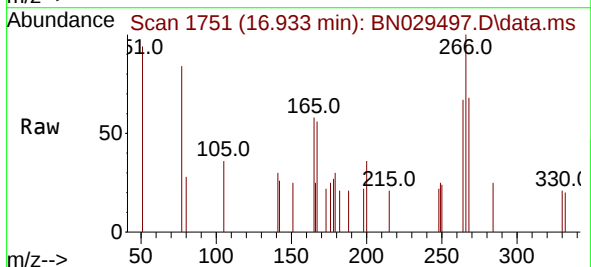
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#24
Pentachlorophenol
Concen: 0.135 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

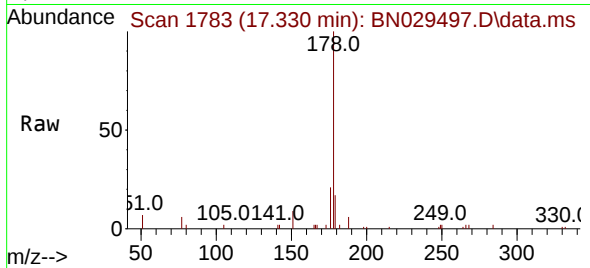
Tgt Ion:266 Resp: 317
Ion Ratio Lower Upper
266 100
264 62.1 50.8 76.2
268 58.0 51.5 77.3





#25
Phenanthrene
Concen: 0.192 ng
RT: 17.330 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

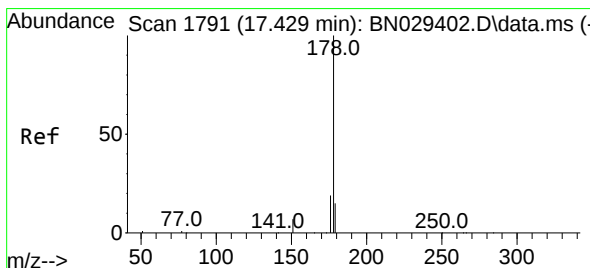
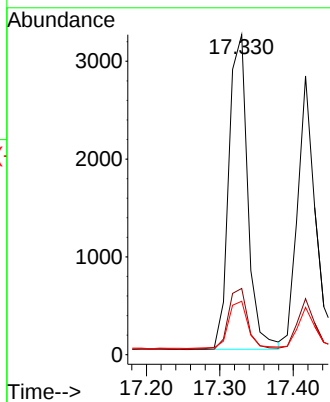
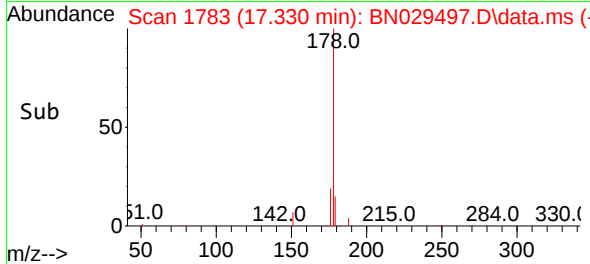
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



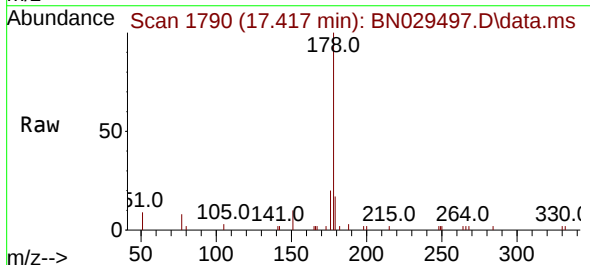
Tgt Ion:178 Resp: 5770
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.8 12.6 19.0

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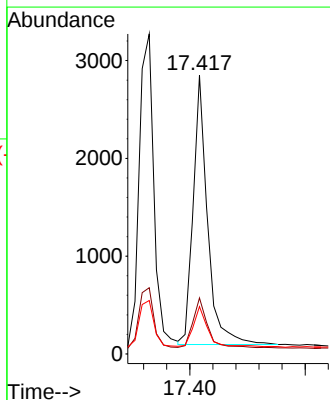
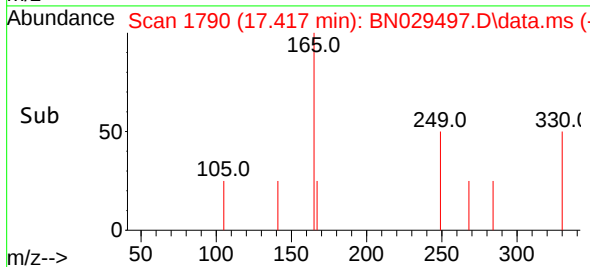
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

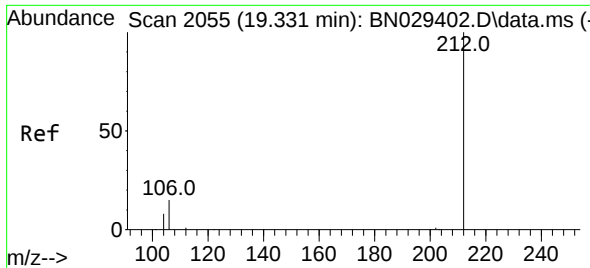


#26
Anthracene
Concen: 0.186 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19



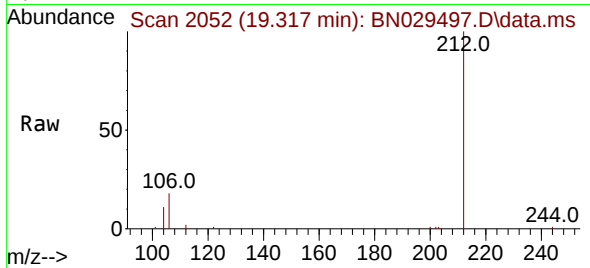
Tgt Ion:178 Resp: 4776
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.9 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.527 ng
RT: 19.317 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

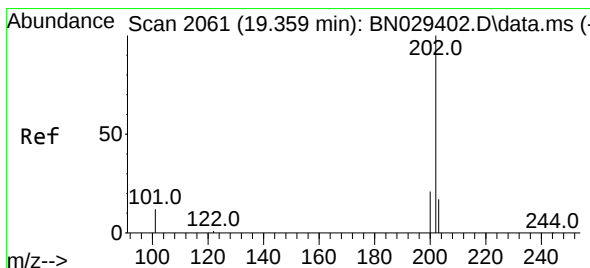
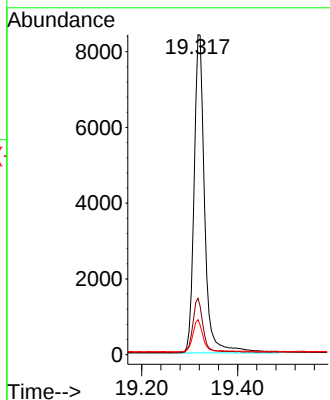
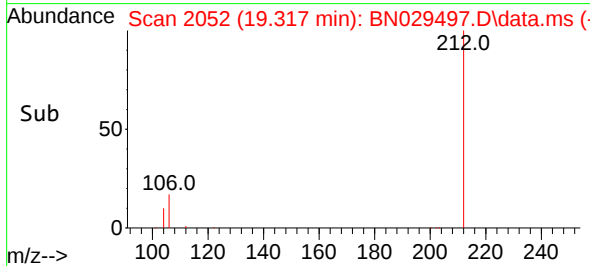
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:212 Resp: 12980
Ion Ratio Lower Upper
212 100
106 16.0 13.2 19.8
104 9.5 7.7 11.5

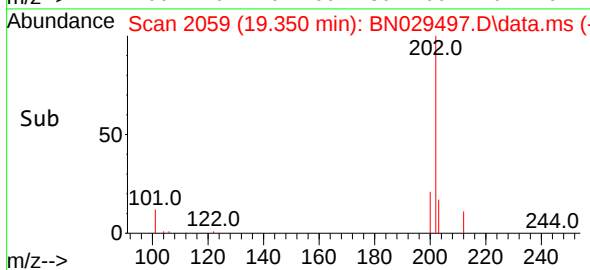
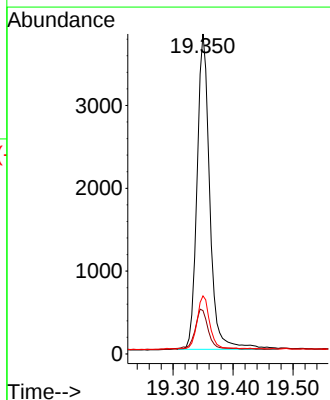
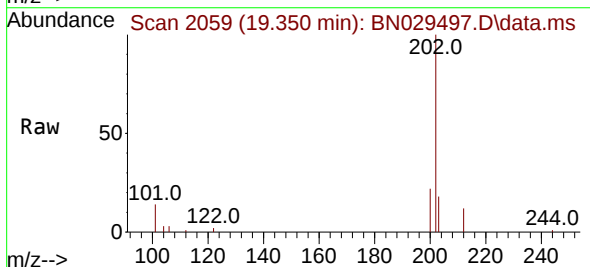
Manual Integrations
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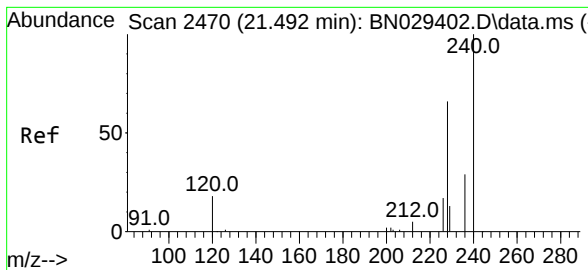
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#28
Fluoranthene
Concen: 0.166 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

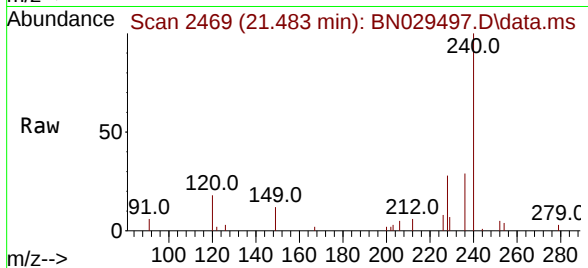
Tgt Ion:202 Resp: 5619
Ion Ratio Lower Upper
202 100
101 13.7 10.5 15.7
203 16.6 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 2469
Delta R.T. -0.009 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

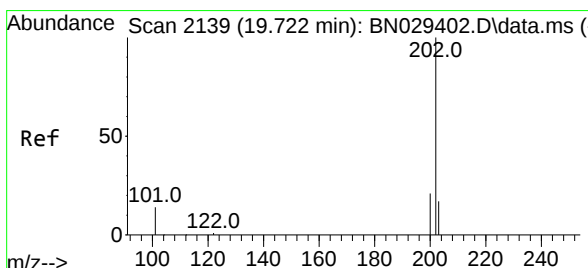
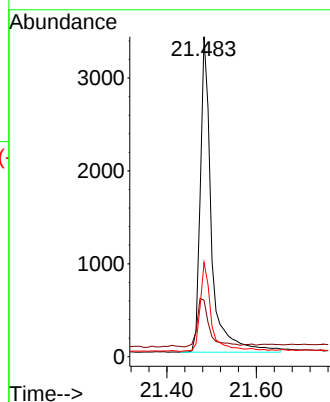
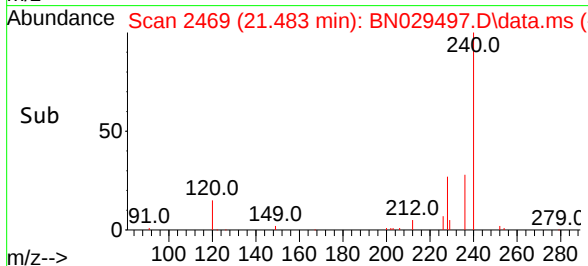
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:240 Resp: 588
Ion Ratio Lower Upper
240 100
120 17.6 16.7 25.1
236 29.5 23.9 35.9

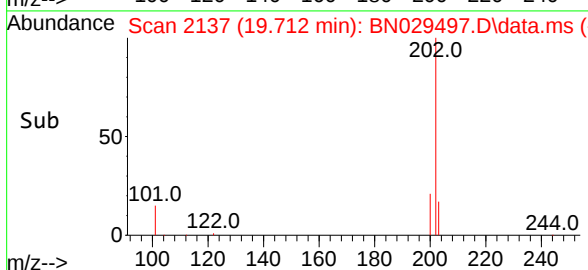
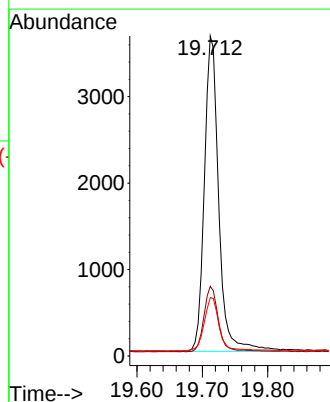
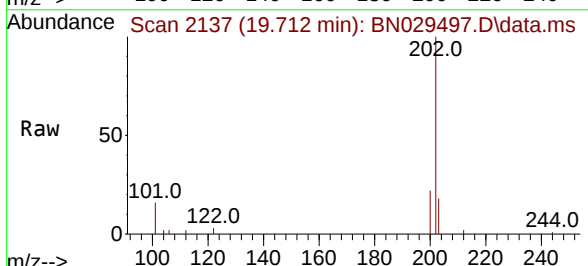
Manual Integrations
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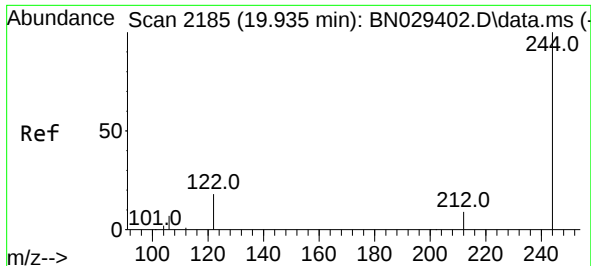
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#30
Pyrene
Concen: 0.205 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

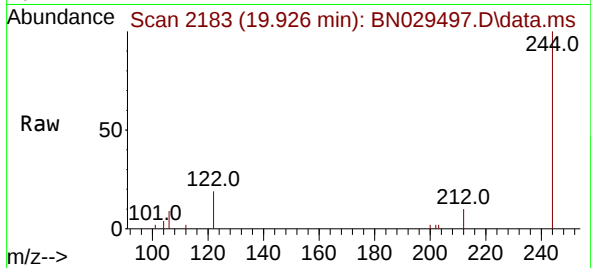
Tgt Ion:202 Resp: 5559
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 17.8 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.352 ng
 RT: 19.926 min Scan# 2183
 Delta R.T. -0.005 min
 Lab File: BN029497.D
 Acq: 02 Feb 2024 12:19

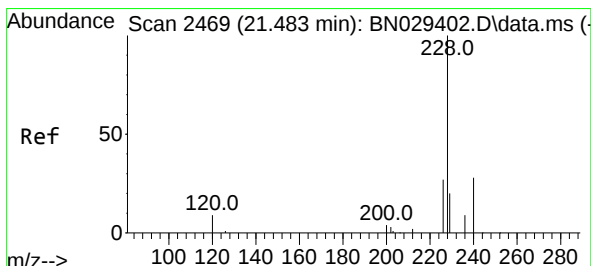
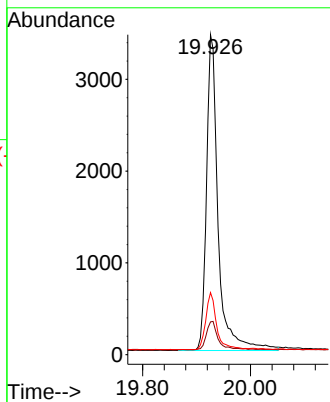
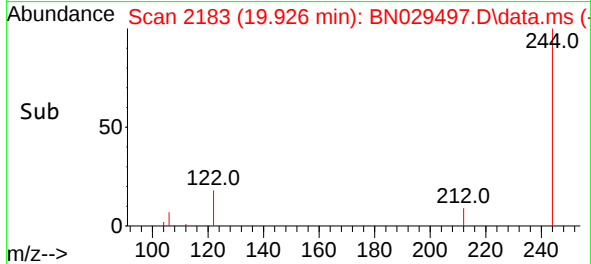
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023



Tgt Ion:244 Resp: 5134
 Ion Ratio Lower Upper
 244 100
 212 10.2 8.2 12.4
 122 19.4 15.6 23.4

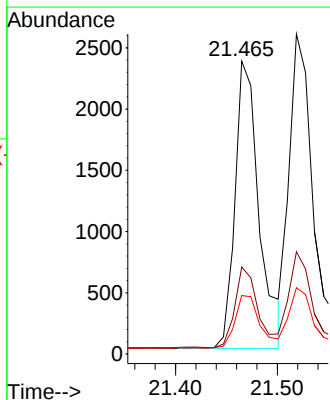
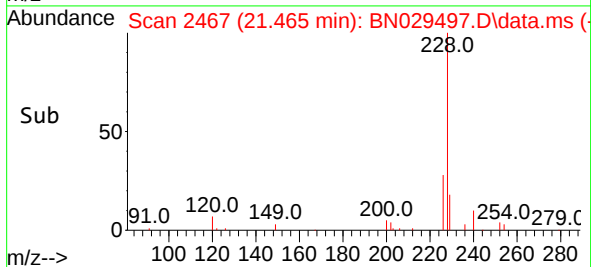
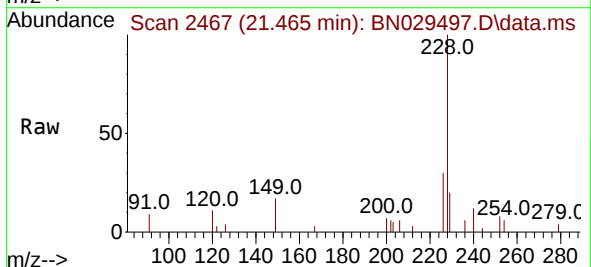
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 Supervised By :mohammad ahmed 02/06/2024



#32
 Benzo(a)anthracene
 Concen: 0.192 ng
 RT: 21.465 min Scan# 2467
 Delta R.T. -0.009 min
 Lab File: BN029497.D
 Acq: 02 Feb 2024 12:19

Tgt Ion:228 Resp: 3849
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.2 33.4
 229 20.0 16.5 24.7





#33

Chrysene

Concen: 0.182 ng

RT: 21.519 min Scan# 2473

Delta R.T. -0.009 min

Lab File: BN029497.D

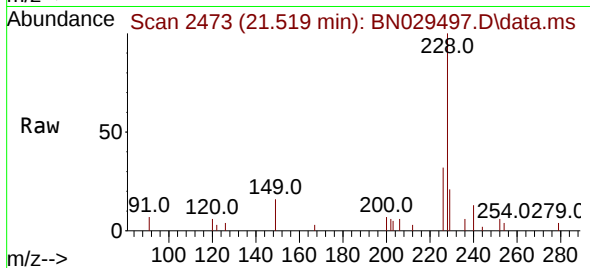
Acq: 02 Feb 2024 12:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

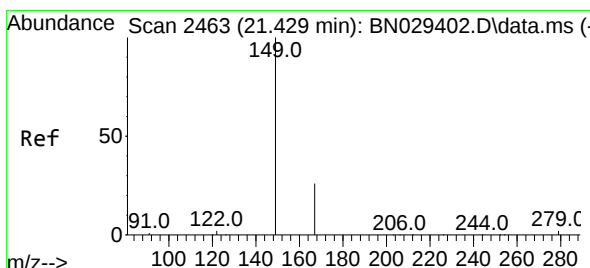
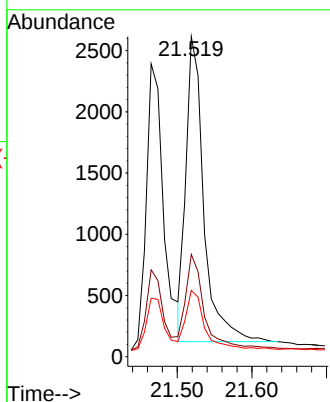
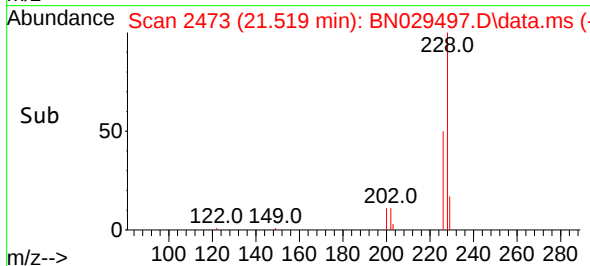


Tgt Ion:	228	Resp:	416
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.9	37.3
229	20.7	15.9	23.9

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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.206 ng

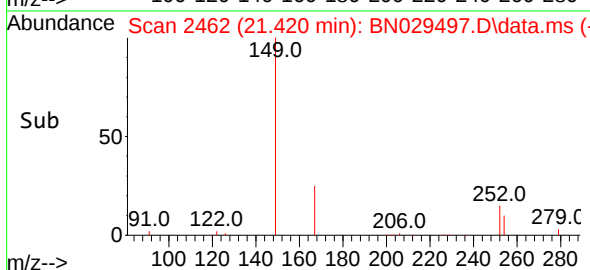
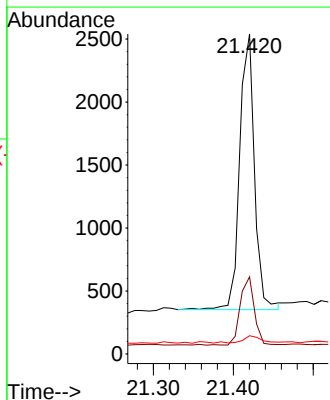
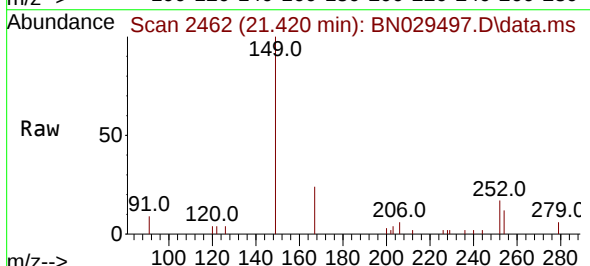
RT: 21.420 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BN029497.D

Acq: 02 Feb 2024 12:19

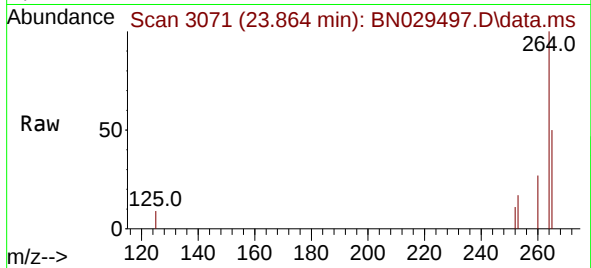
Tgt Ion:	149	Resp:	2818
Ion Ratio	Lower	Upper	
149	100		
167	23.5	20.1	30.1
279	3.4	2.5	3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.864 min Scan# 3071
Delta R.T. -0.006 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

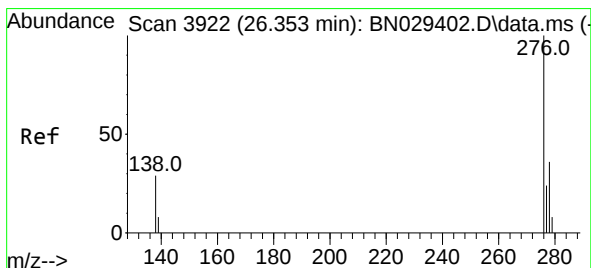
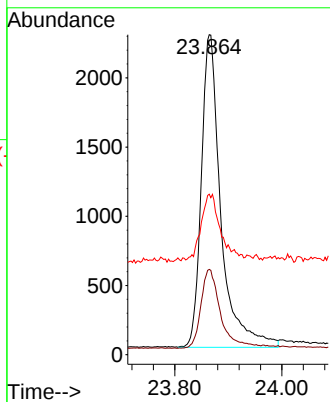
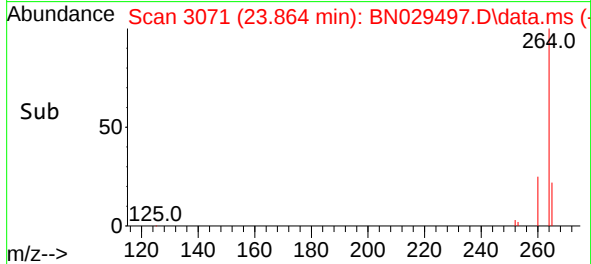
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:264 Resp: 5752
Ion Ratio Lower Upper
264 100
260 26.6 21.2 31.8
265 50.2 41.5 62.3

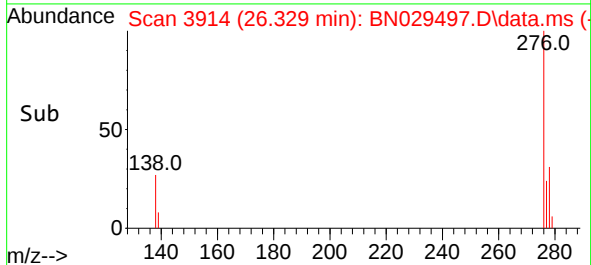
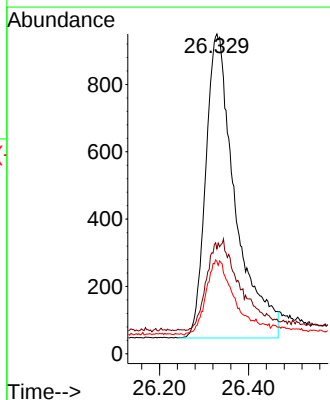
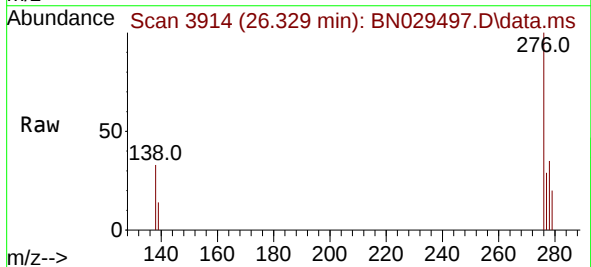
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Supervised By :mohammad ahmed 02/06/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng
RT: 26.329 min Scan# 3914
Delta R.T. -0.006 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Tgt Ion:276 Resp: 4156
Ion Ratio Lower Upper
276 100
138 11.0 20.5 30.7#
277 10.4 17.0 25.4#





#37

Benzo(b)fluoranthene

Concen: 0.182 ng

RT: 23.139 min Scan# 2823

Delta R.T. -0.009 min

Lab File: BN029497.D

Acq: 02 Feb 2024 12:19

Instrument :

BN029497.D

ClientSampleId :

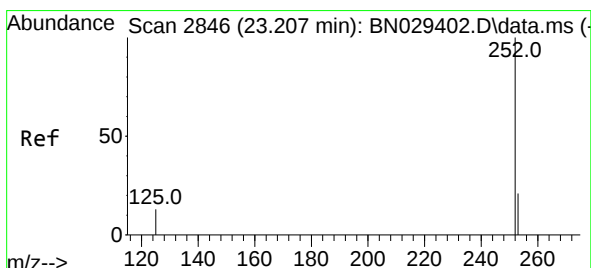
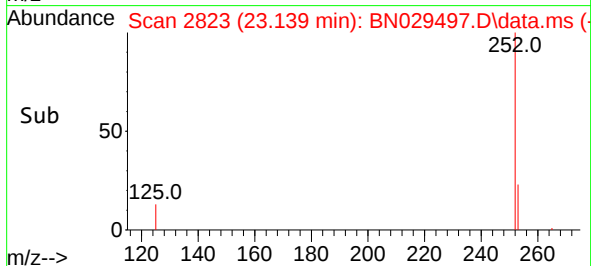
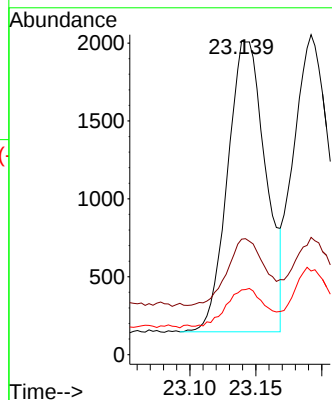
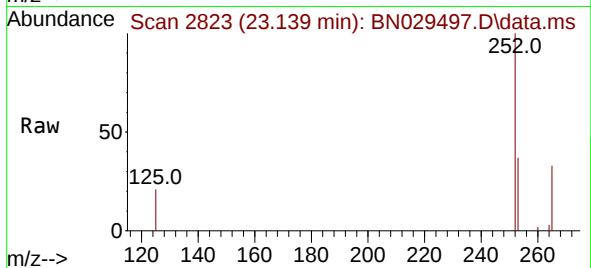
MDL-SOIL-03-QT2-2023

Tgt Ion:252	Resp:	375
Ion Ratio	Lower	Upper
252	100	
253	36.8	21.7 32.5
125	20.7	13.3 19.9

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Supervised By :mohammad ahmed 02/06/2024



#38

Benzo(k)fluoranthene

Concen: 0.172 ng

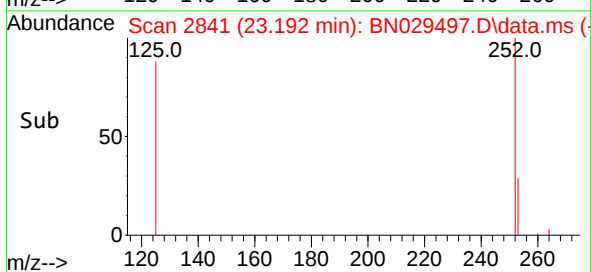
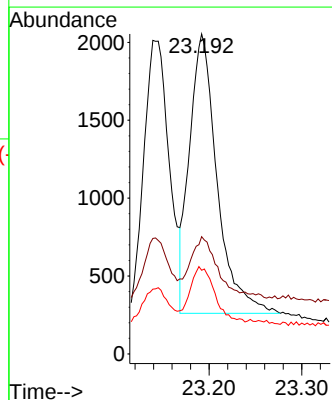
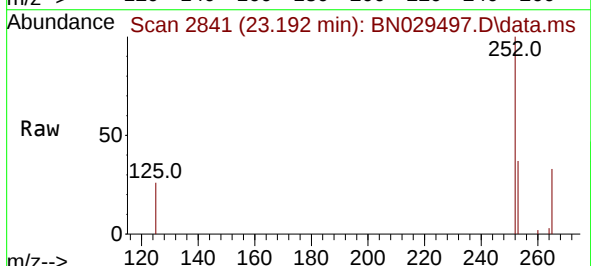
RT: 23.192 min Scan# 2841

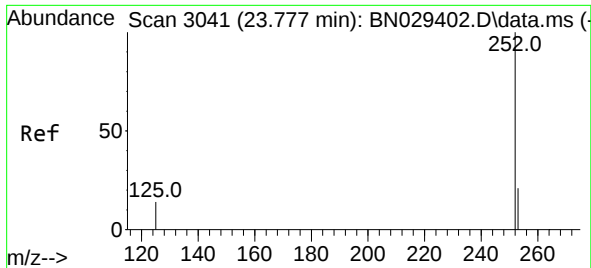
Delta R.T. -0.006 min

Lab File: BN029497.D

Acq: 02 Feb 2024 12:19

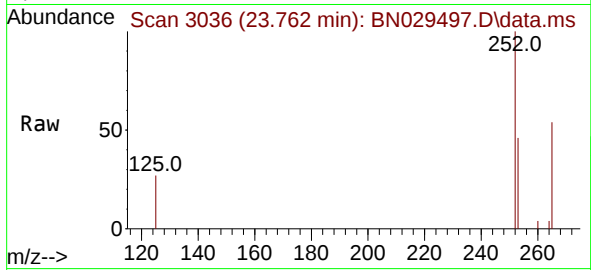
Tgt Ion:252	Resp:	3714
Ion Ratio	Lower	Upper
252	100	
253	36.7	21.8 32.8#
125	26.1	13.9 20.9#





#39
Benzo(a)pyrene
Concen: 0.173 ng
RT: 23.762 min Scan# 3041
Delta R.T. -0.003 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

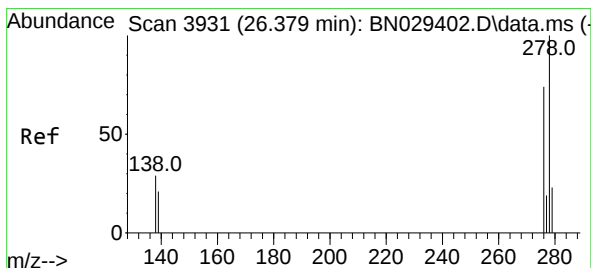
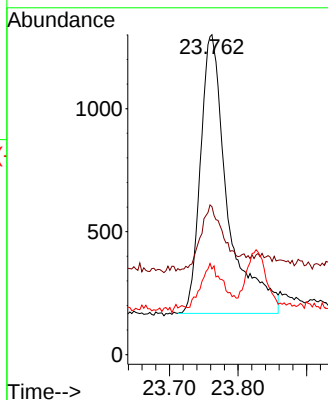
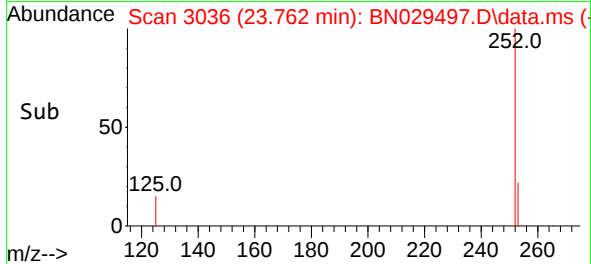
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:252 Resp: 3102
Ion Ratio Lower Upper
252 100
253 46.3 24.9 37.3
125 26.8 16.6 25.0

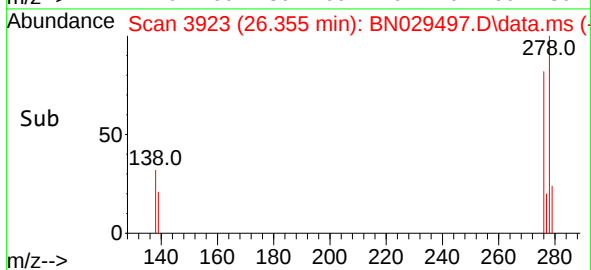
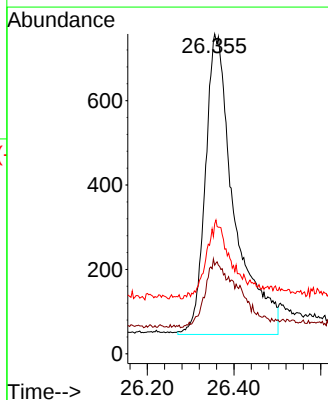
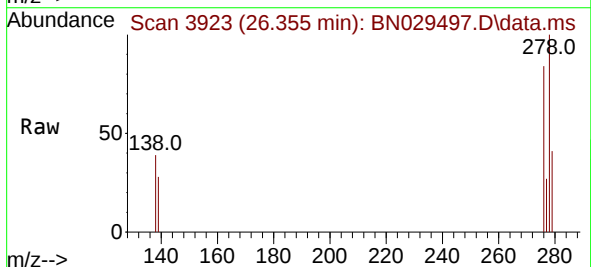
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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.179 ng m
RT: 26.355 min Scan# 3923
Delta R.T. -0.009 min
Lab File: BN029497.D
Acq: 02 Feb 2024 12:19

Tgt Ion:278 Resp: 3296
Ion Ratio Lower Upper
278 100
139 27.7 20.4 30.6
279 40.6 25.0 37.6





#41

Benzo(g,h,i)perylene

Concen: 0.174 ng

RT: 27.077 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN029497.D

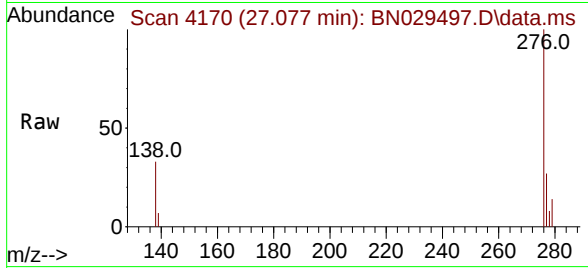
Acq: 02 Feb 2024 12:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023



Tgt Ion:	276	Resp:	390
Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.4	29.2
138	32.6	23.5	35.3

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Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024

