

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029412.D
 Acq On : 30 Jan 2024 12:11
 Operator : MA/JU
 Sample : 03572-01
 Misc : LOD-MDL-SOIL-0.1NG
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

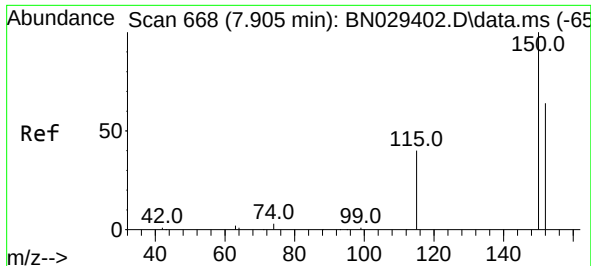
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Jan 30 12:38:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

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

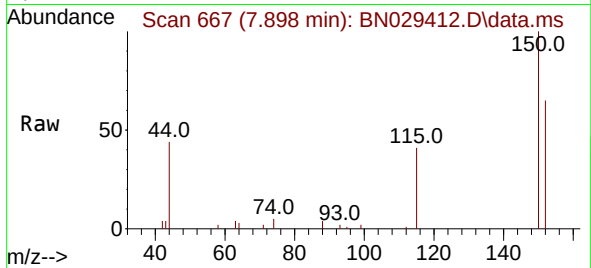
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	5160	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	13655	0.400	ng	#-0.01
13) Acenaphthene-d10	14.532	164	6553	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	13291	0.400	ng	# 0.00
29) Chrysene-d12	21.492	240	8838	0.400	ng	# 0.00
35) Perylene-d12	23.876	264	8395	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	4173	0.337	ng	0.00
5) Phenol-d6	7.060	99	5104	0.357	ng	0.00
8) Nitrobenzene-d5	9.057	82	3921	0.345	ng	-0.01
11) 2-Methylnaphthalene-d10	12.287	152	10045	0.540	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	717	0.341	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	9258	0.329	ng	-0.01
27) Fluoranthene-d10	19.327	212	17869	0.555	ng	0.00
31) Terphenyl-d14	19.935	244	7426	0.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	860	0.118	ng	# 94
3) n-Nitrosodimethylamine	3.716	42	539	0.091	ng	# 92
6) bis(2-Chloroethyl)ether	7.334	93	1311	0.096	ng	99
9) Naphthalene	10.744	128	3783	0.097	ng	96
10) Hexachlorobutadiene	11.021	225	682	0.092	ng	# 99
12) 2-Methylnaphthalene	12.363	142	2163	0.095	ng	99
16) Acenaphthylene	14.254	152	3000	0.096	ng	100
17) Acenaphthene	14.597	154	1944	0.093	ng	99
18) Fluorene	15.580	166	2474	0.094	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	130	0.067	ng	# 1
21) 4-Bromophenyl-phenylether	16.486	248	726	0.092	ng	88
22) Hexachlorobenzene	16.585	284	926	0.095	ng	100
23) Atrazine	16.759	200	510	0.091	ng	# 87
24) Pentachlorophenol	16.933	266	169	0.055	ng	92
25) Phenanthrene	17.330	178	3782	0.096	ng	99
26) Anthracene	17.417	178	3085	0.092	ng	98
28) Fluoranthene	19.355	202	3865	0.087	ng	99
30) Pyrene	19.717	202	3820	0.094	ng	99
32) Benzo(a)anthracene	21.474	228	2468	0.082	ng	97
33) Chrysene	21.528	228	3019	0.088	ng	97
34) Bis(2-ethylhexyl)phtha...	21.429	149	1942	0.094	ng	98
36) Indeno(1,2,3-cd)pyrene	26.350	276	2823m	0.084	ng	
37) Benzo(b)fluoranthene	23.154	252	2437	0.081	ng	# 79
38) Benzo(k)fluoranthene	23.204	252	2363	0.075	ng	# 71
39) Benzo(a)pyrene	23.771	252	2044	0.078	ng	# 68
40) Dibenzo(a,h)anthracene	26.376	278	2161m	0.080	ng	
41) Benzo(g,h,i)perylene	27.098	276	2474	0.076	ng	# 86

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



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 668
Delta R.T. -0.007 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

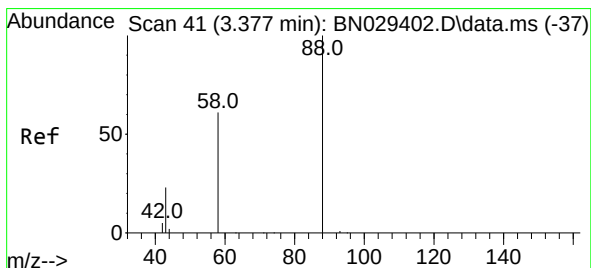
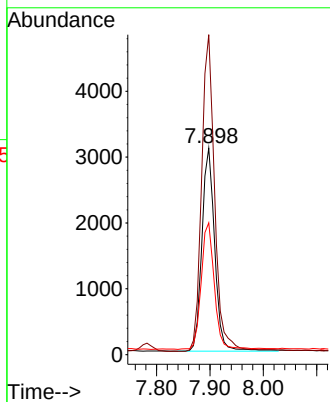
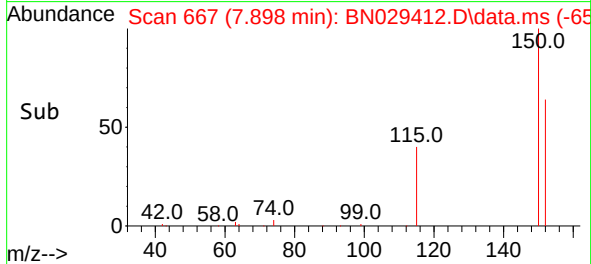
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023



Tgt Ion: 152 Resp: 5160
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.4
115 63.8 51.4 77.0

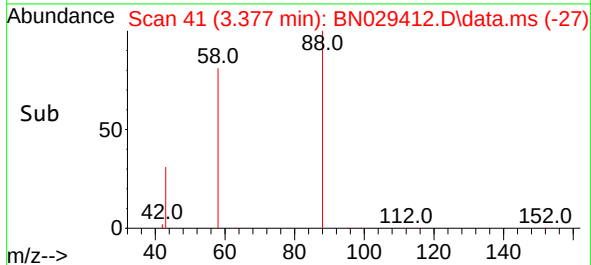
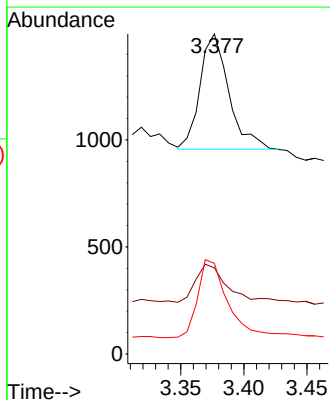
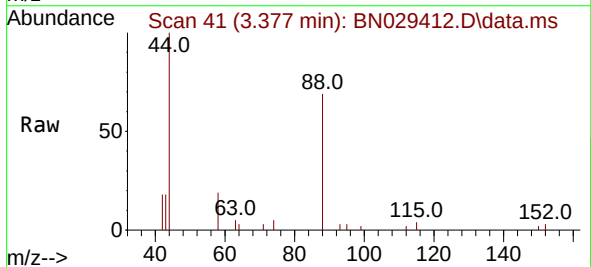
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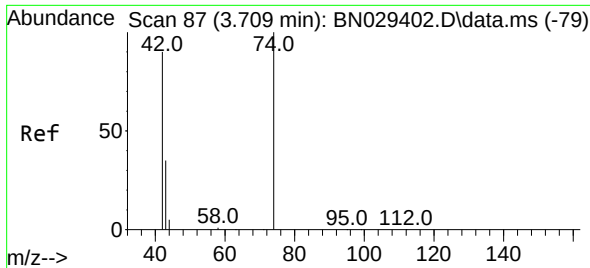
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#2
1,4-Dioxane
Concen: 0.118 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

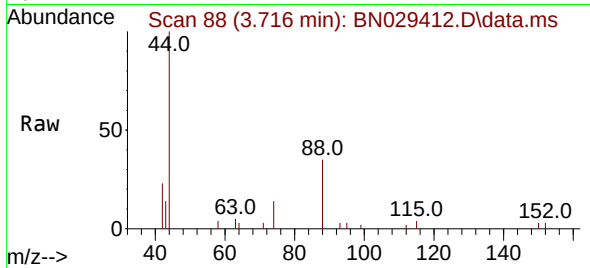
Tgt Ion: 88 Resp: 860
Ion Ratio Lower Upper
88 100
43 35.8 23.3 34.9#
58 70.1 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.091 ng
RT: 3.716 min Scan# 80
Delta R.T. 0.007 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

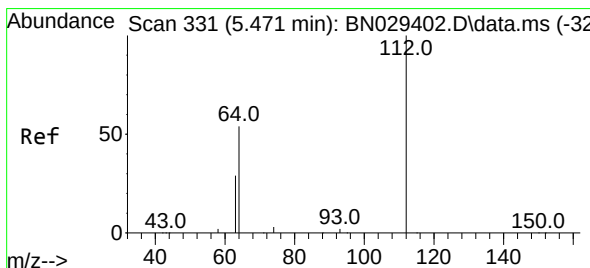
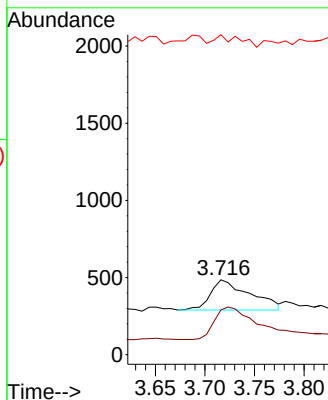
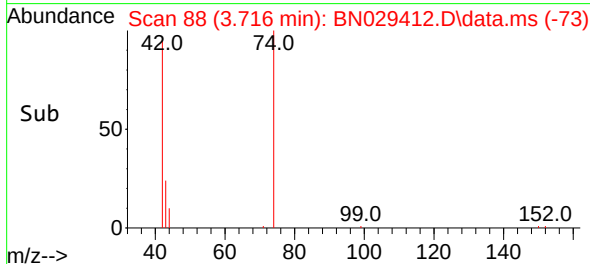
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion: 42 Resp: 539
Ion Ratio Lower Upper
42 100
74 110.9 93.7 140.5
44 26.0 13.0 19.4

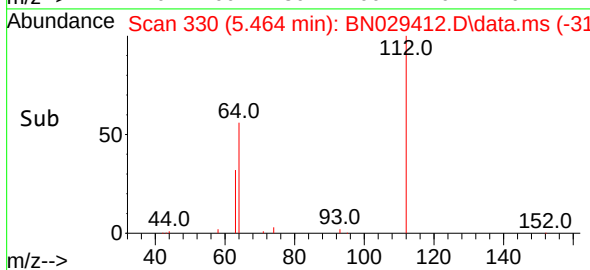
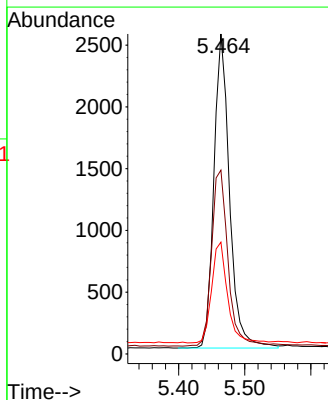
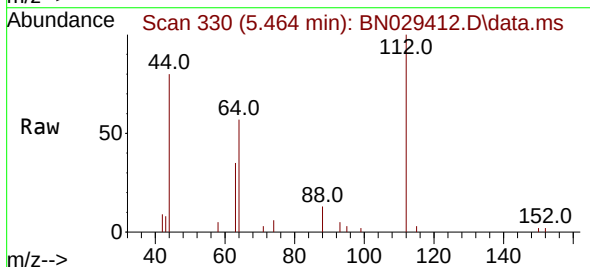
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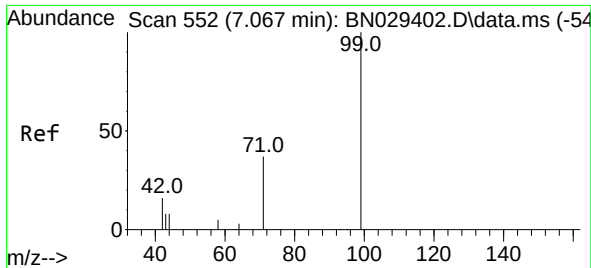
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.007 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Tgt Ion:112 Resp: 4173
Ion Ratio Lower Upper
112 100
64 59.8 47.2 70.8
63 32.6 25.8 38.6





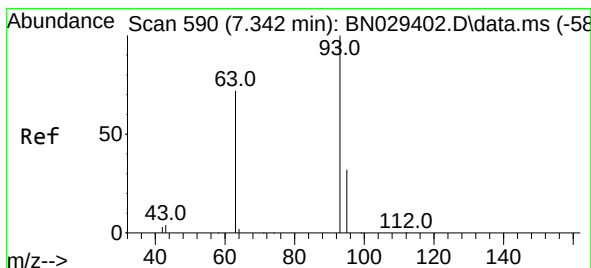
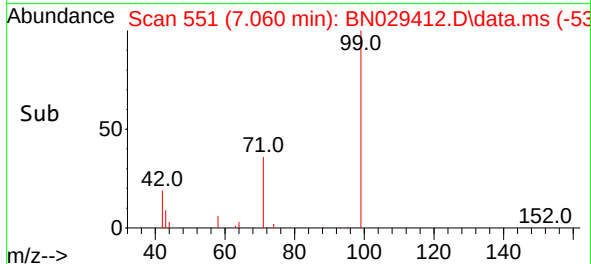
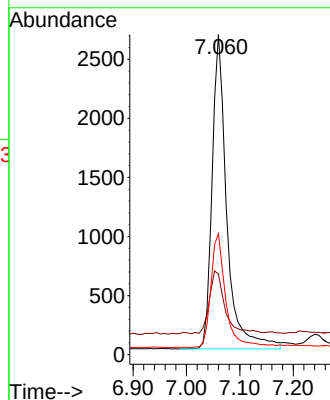
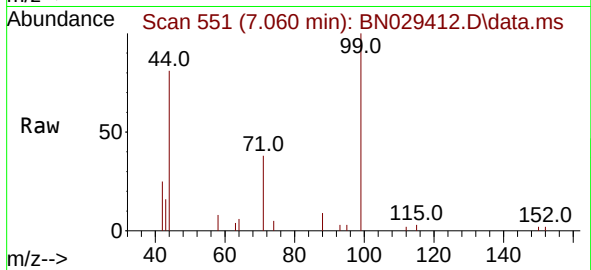
#5
Phenol-d6
Concen: 0.357 ng
RT: 7.060 min Scan# 510
Delta R.T. -0.007 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion: 99 Resp: 5104
Ion Ratio Lower Upper
99 100
42 21.1 16.9 25.3
71 36.6 30.0 45.0

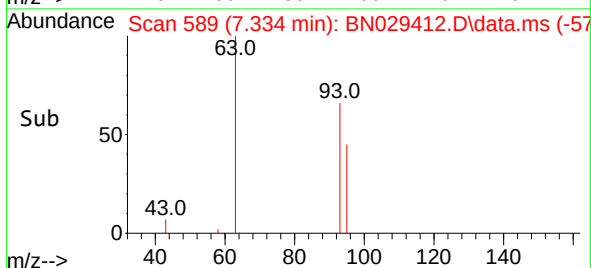
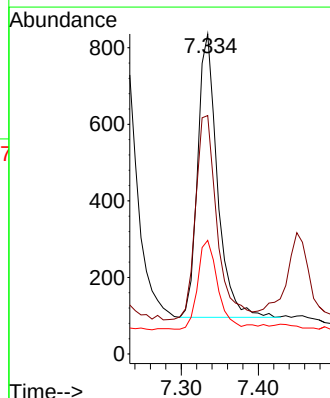
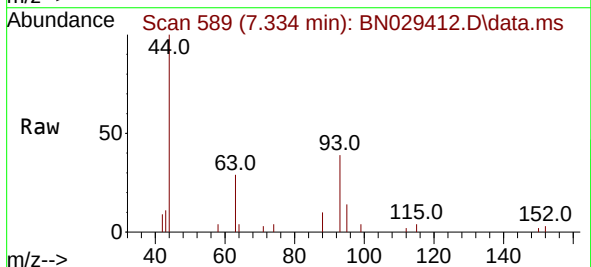
Manual Integrations
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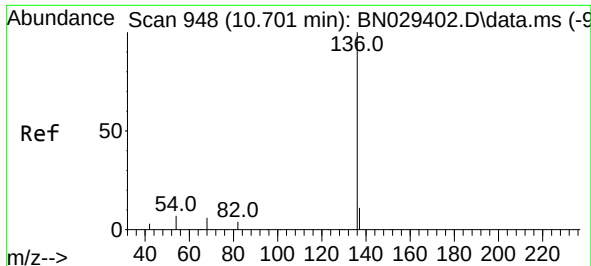
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.096 ng
RT: 7.334 min Scan# 589
Delta R.T. -0.007 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

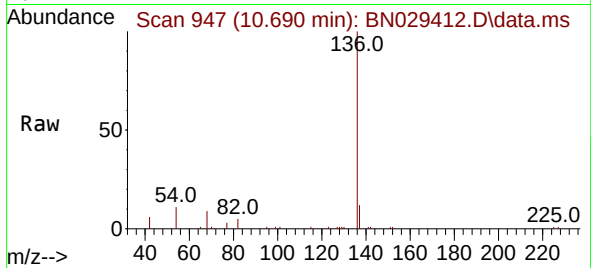
Tgt Ion: 93 Resp: 1311
Ion Ratio Lower Upper
93 100
63 79.0 63.1 94.7
95 32.0 27.1 40.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

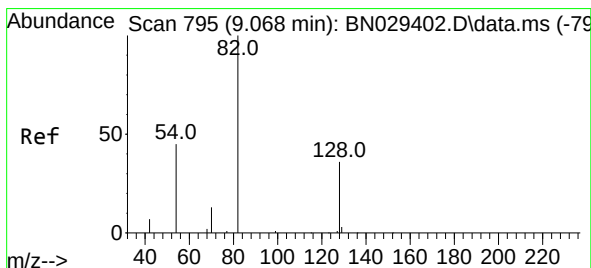
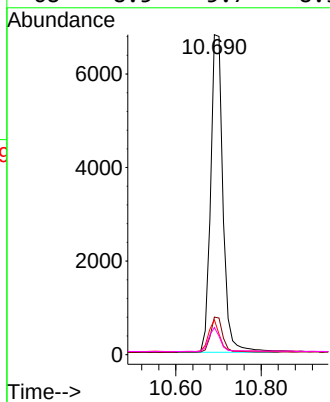
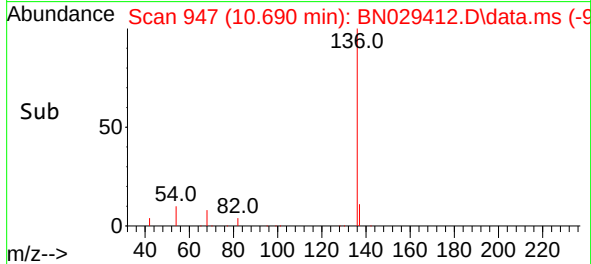
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion: 136 Resp: 1365
Ion Ratio Lower Upper
136 100
137 11.8 9.7 14.5
54 10.9 6.6 10.0
68 8.5 5.7 8.5#

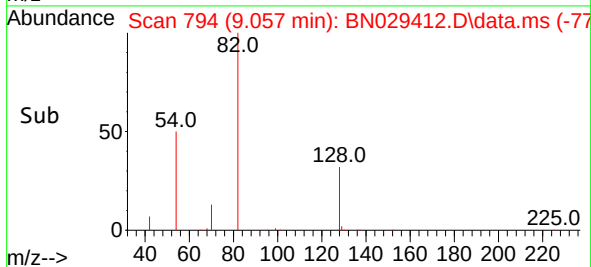
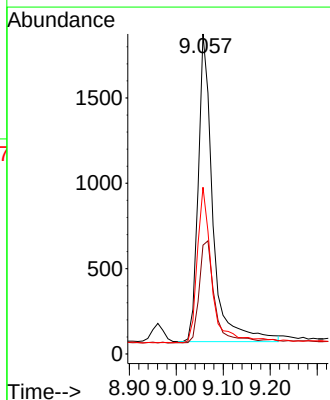
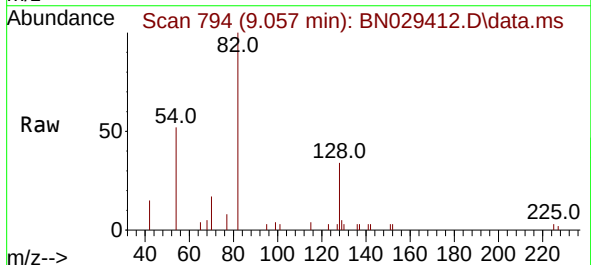
Manual Integrations
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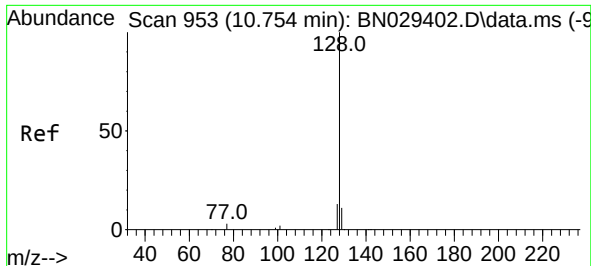
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

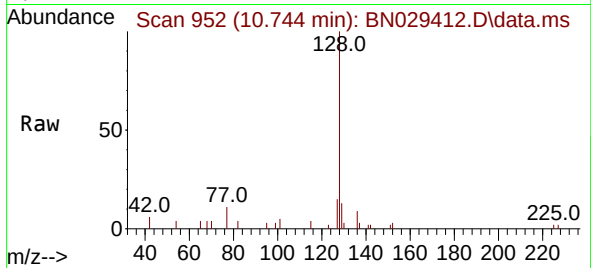
Tgt Ion: 82 Resp: 3921
Ion Ratio Lower Upper
82 100
128 34.0 31.6 47.4
54 52.1 38.2 57.4





#9
Naphthalene
Concen: 0.097 ng
RT: 10.744 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

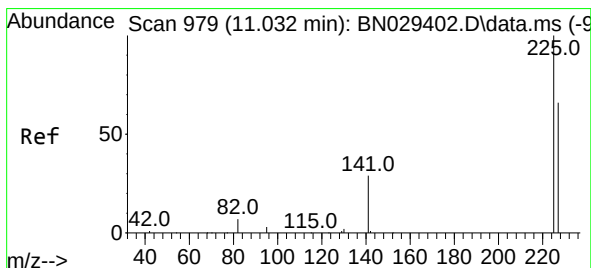
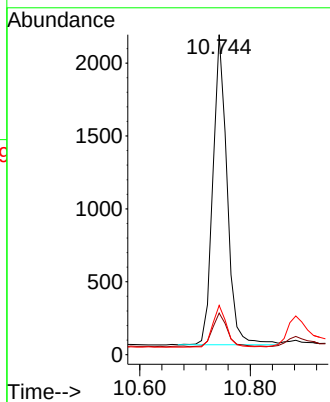
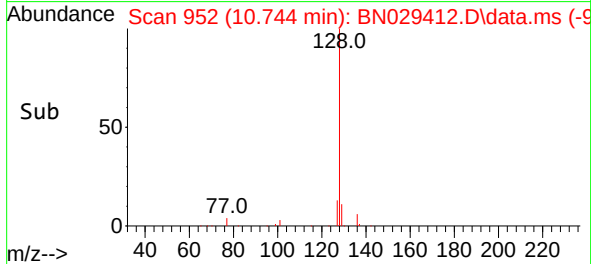
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:128 Resp: 378
Ion Ratio Lower Upper
128 100
129 13.0 9.5 14.3
127 15.4 10.8 16.2

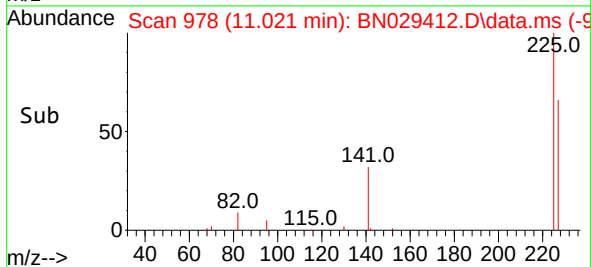
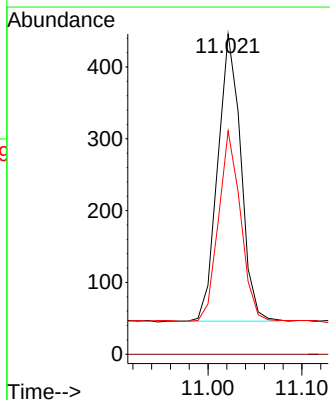
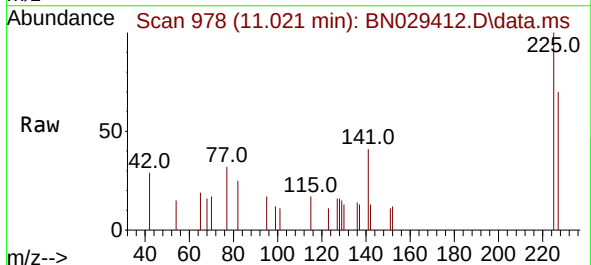
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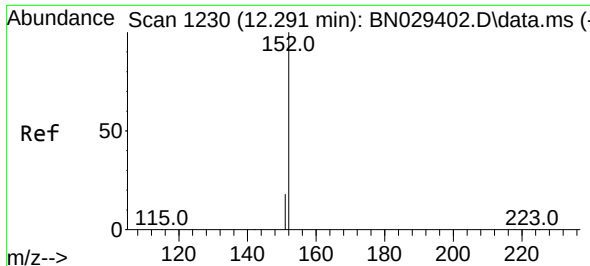
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#10
Hexachlorobutadiene
Concen: 0.092 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Tgt Ion:225 Resp: 682
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.3 51.1 76.7





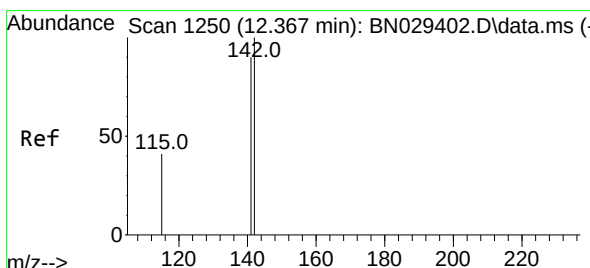
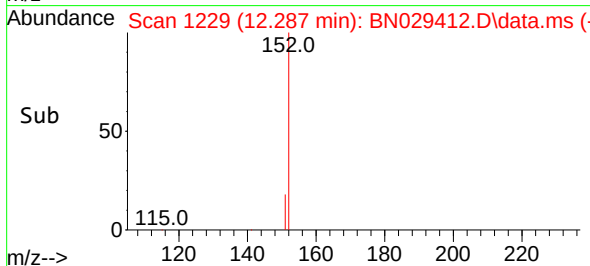
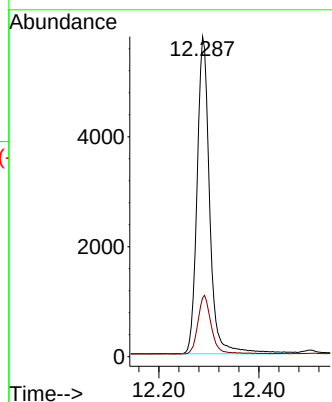
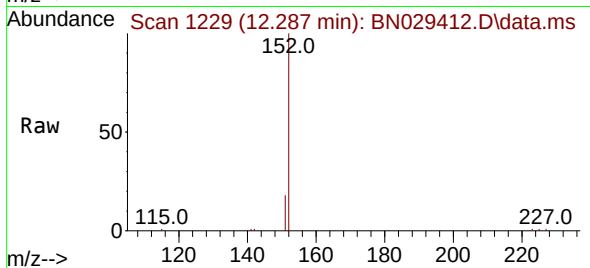
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2-Methylnaphthalene-d10
Concen: 0.540 ng
RT: 12.287 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:152 Resp: 1004
Ion Ratio Lower Upper
152 100
151 19.5 17.1 25.7

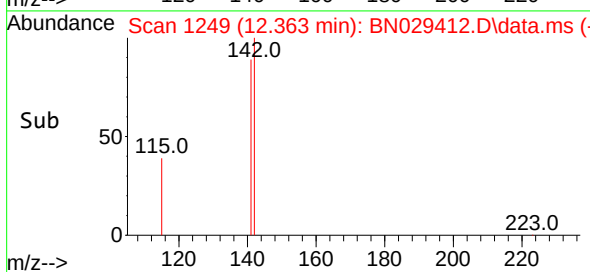
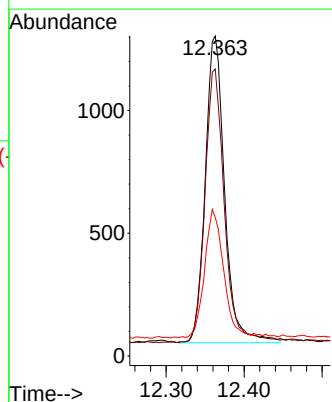
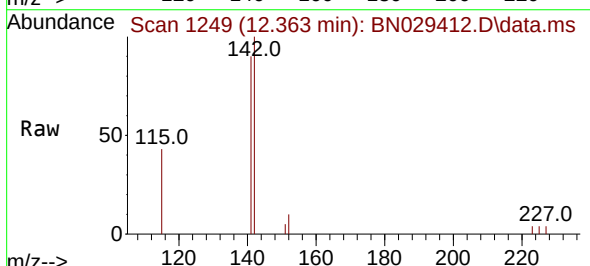
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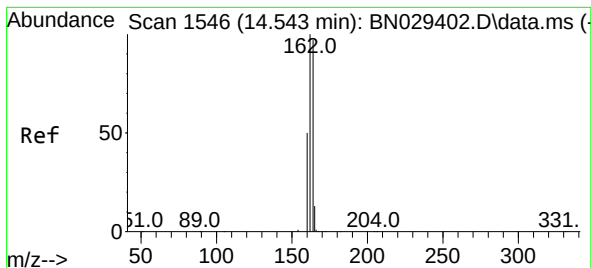
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#12
2-Methylnaphthalene
Concen: 0.095 ng
RT: 12.363 min Scan# 1249
Delta R.T. -0.004 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Tgt Ion:142 Resp: 2163
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9
115 43.3 33.9 50.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 1545

Delta R.T. -0.011 min

Lab File: BN029412.D

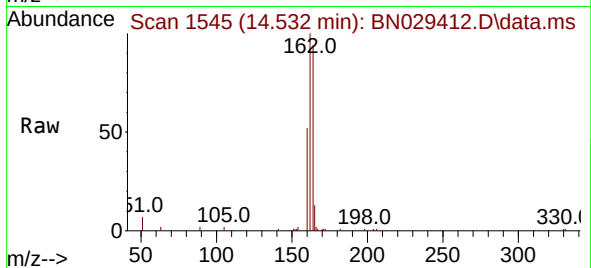
Acq: 30 Jan 2024 12:11

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:164 Resp: 655

Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

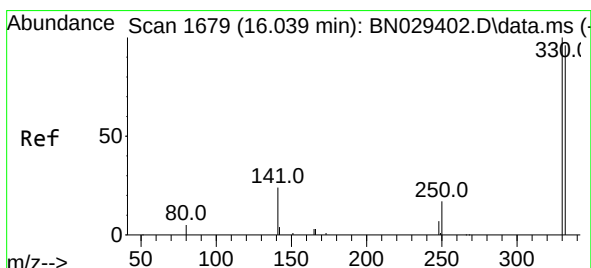
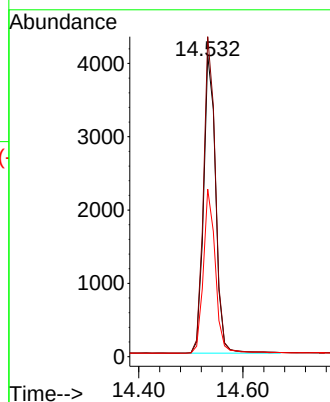
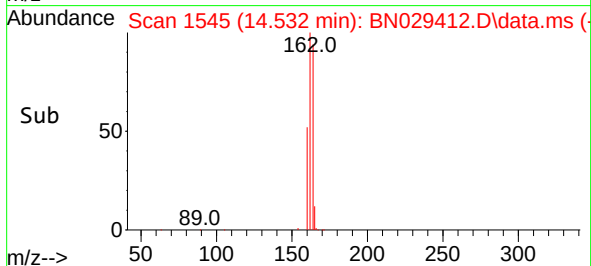
160 55.6 41.5 62.3

Manual Integrations

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Supervised By :Sohil Jodhani 02/02/2024



#14

2,4,6-Tribromophenol

Concen: 0.341 ng

RT: 16.027 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BN029412.D

Acq: 30 Jan 2024 12:11

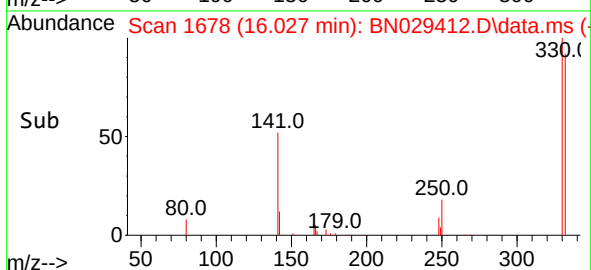
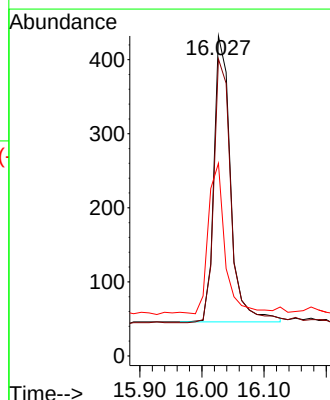
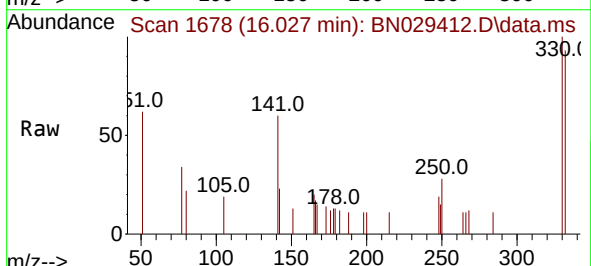
Tgt Ion:330 Resp: 717

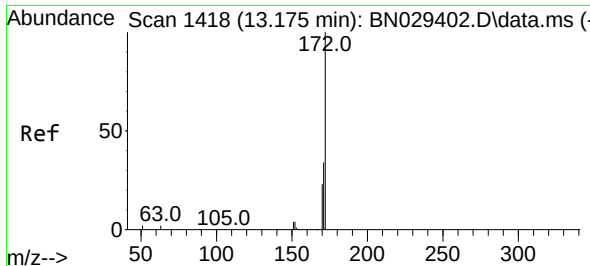
Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

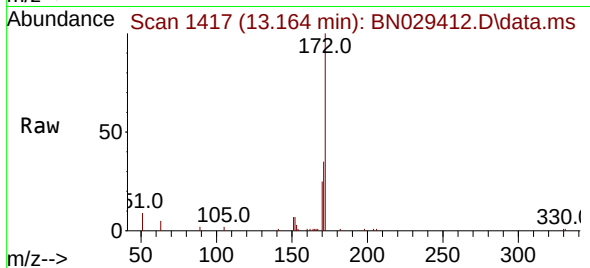
141 52.2 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

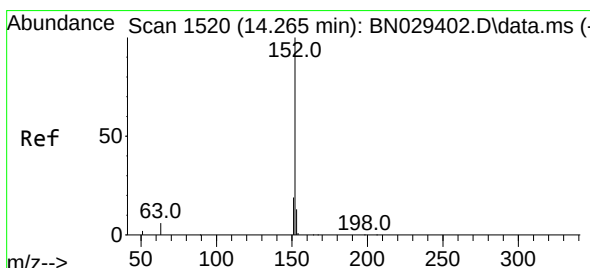
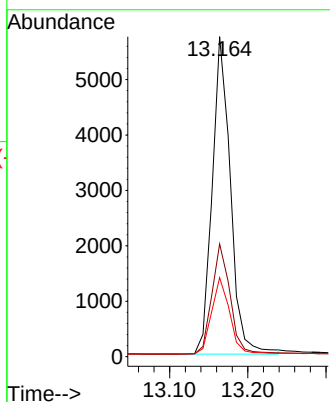
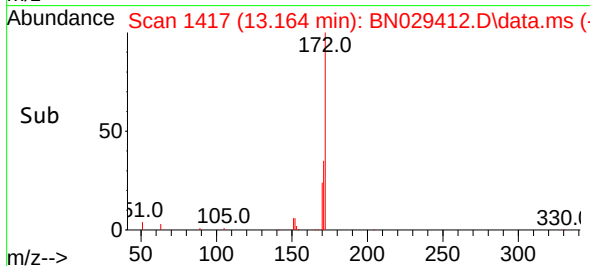
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:172 Resp: 9258
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.7 18.7 28.1

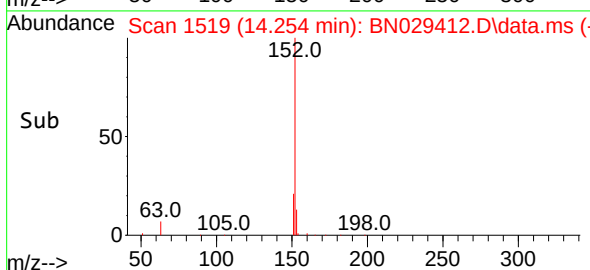
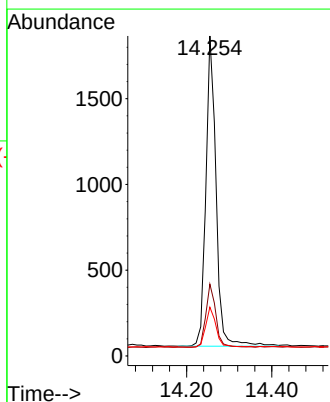
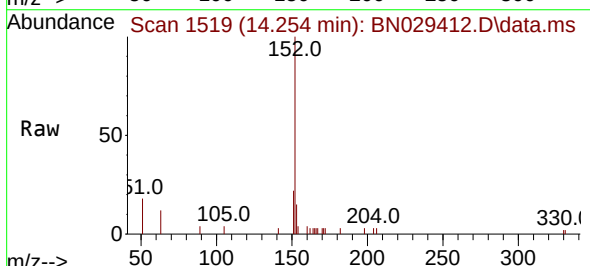
Manual Integrations
APPROVED

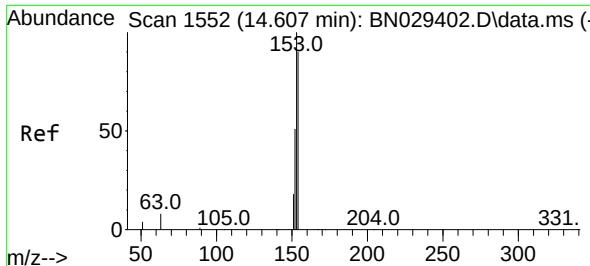
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#16
Acenaphthylene
Concen: 0.096 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.011 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

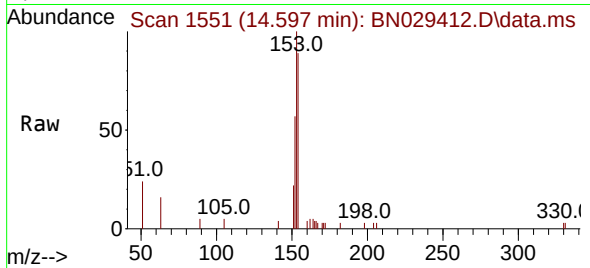
Tgt Ion:152 Resp: 3000
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.5 15.7





#17
Acenaphthene
Concen: 0.093 ng
RT: 14.597 min Scan# 1551
Delta R.T. -0.011 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

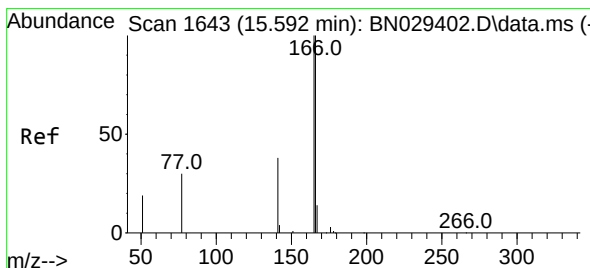
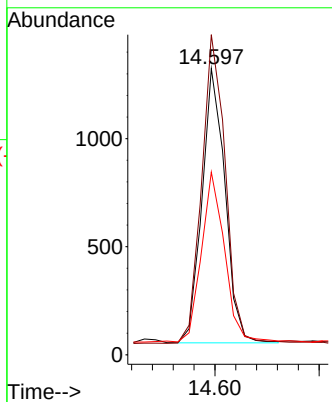
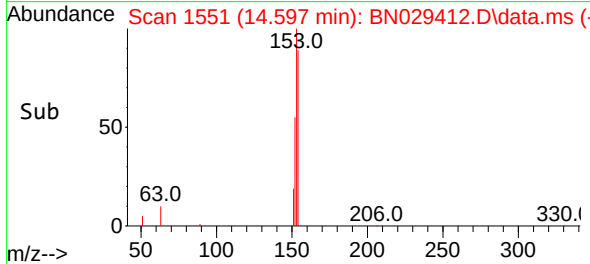
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:154 Resp: 1944
Ion Ratio Lower Upper
154 100
153 116.9 93.6 140.4
152 63.0 48.6 73.0

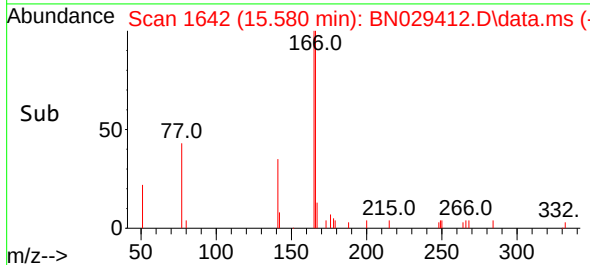
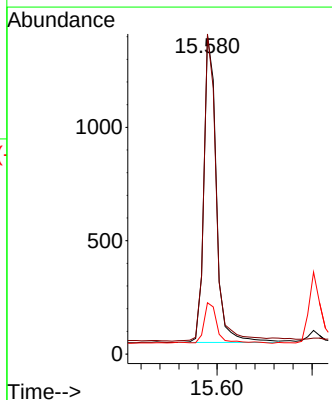
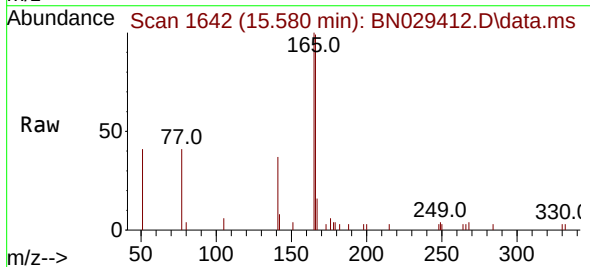
Manual Integrations
APPROVED

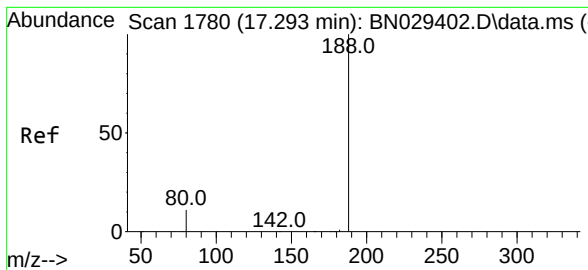
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#18
Fluorene
Concen: 0.094 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.013 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Tgt Ion:166 Resp: 2474
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 14.0 11.3 16.9





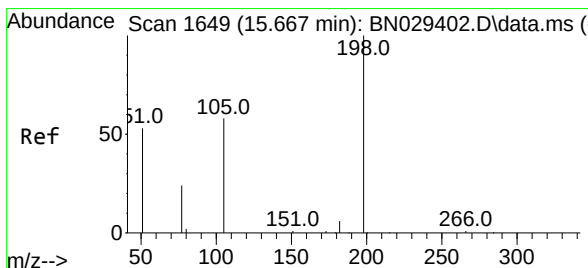
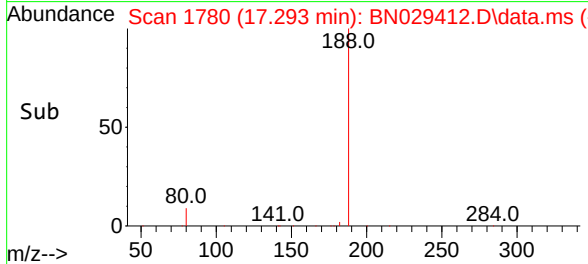
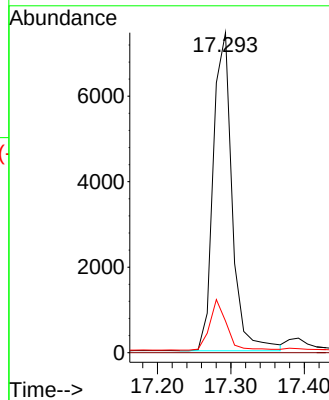
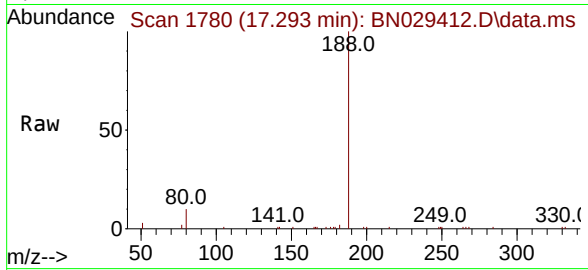
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:188 Resp: 1329
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 10.0 15.0

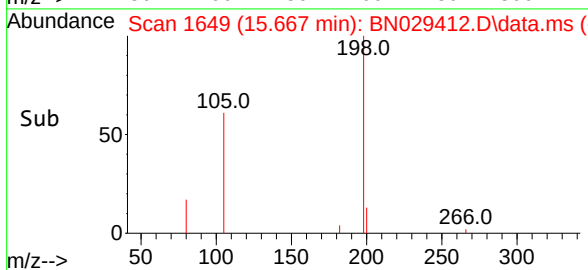
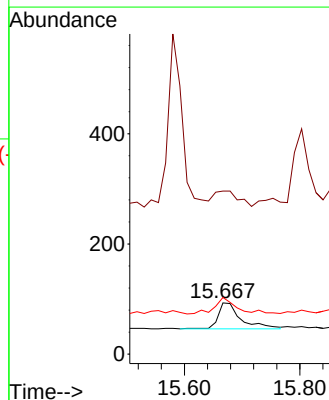
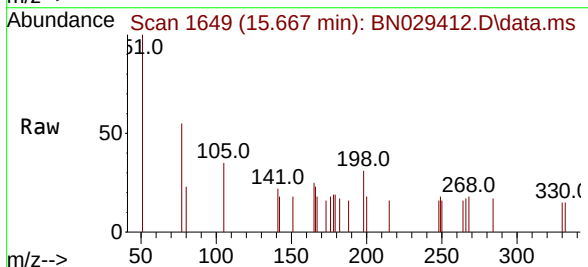
Manual Integrations
APPROVED

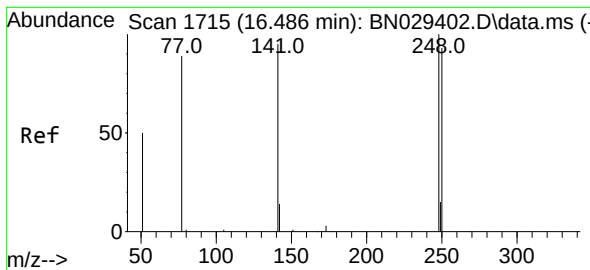
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.067 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

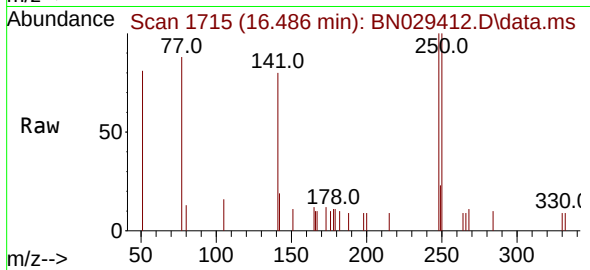
Tgt Ion:198 Resp: 130
Ion Ratio Lower Upper
198 100
51 318.3 111.0 166.6#
105 110.8 67.0 100.6#





#21
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

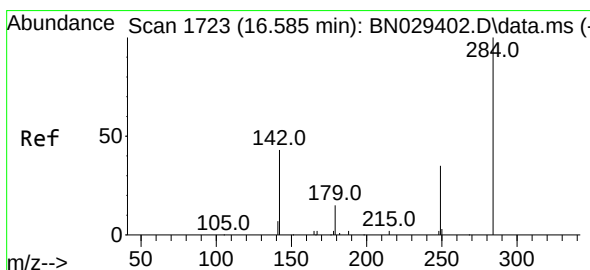
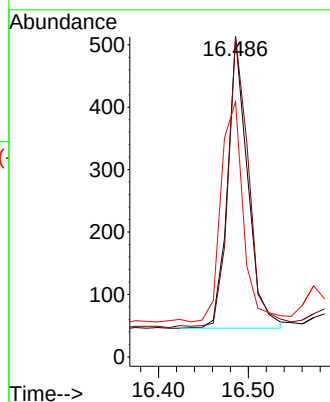
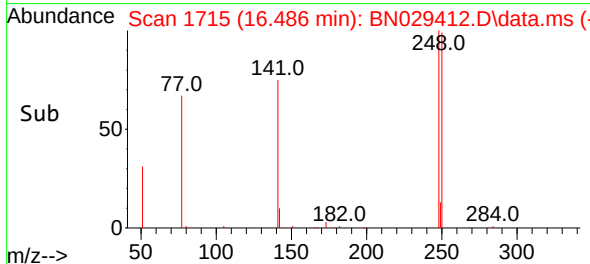
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



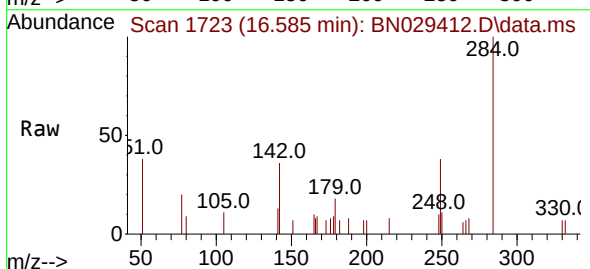
Tgt Ion:248 Resp: 720
Ion Ratio Lower Upper
248 100
250 100.0 75.0 112.4
141 79.7 77.0 115.6

Manual Integrations
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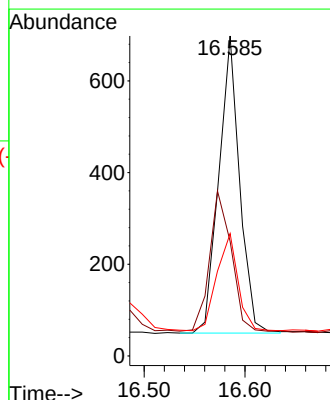
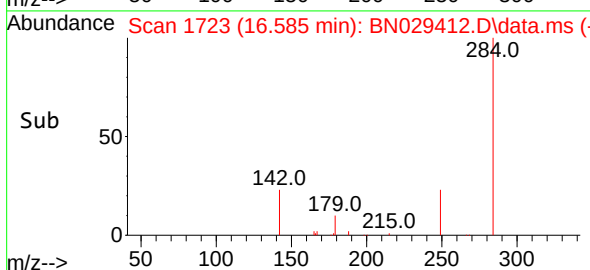
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

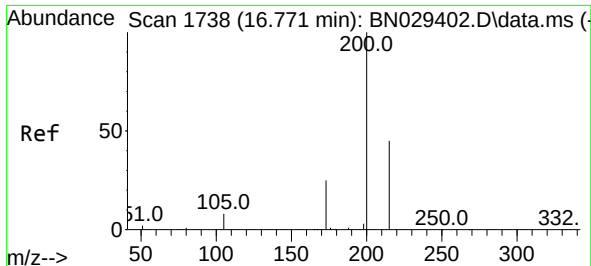


#22
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11



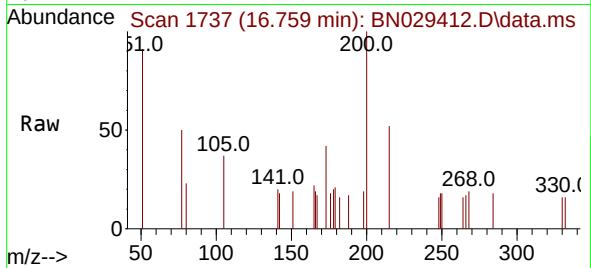
Tgt Ion:284 Resp: 926
Ion Ratio Lower Upper
284 100
142 49.0 39.4 59.2
249 33.3 26.9 40.3





#23
Atrazine
Concen: 0.091 ng
RT: 16.759 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

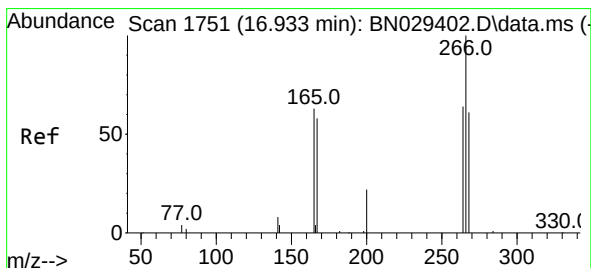
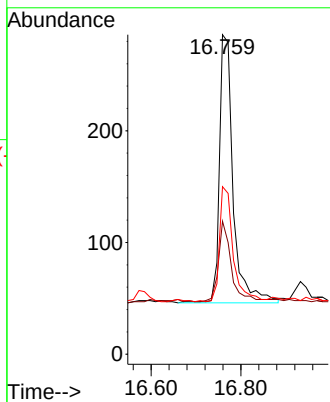
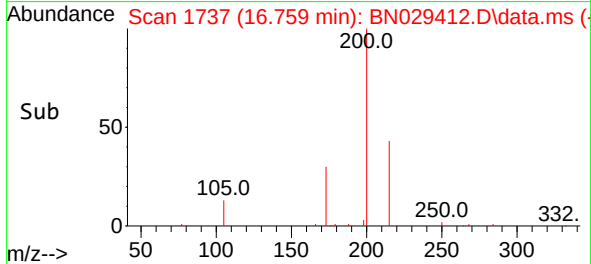
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:200 Resp: 510
Ion Ratio Lower Upper
200 100
173 41.6 23.4 35.0
215 52.4 38.4 57.6

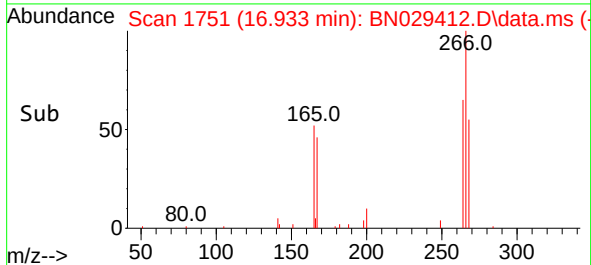
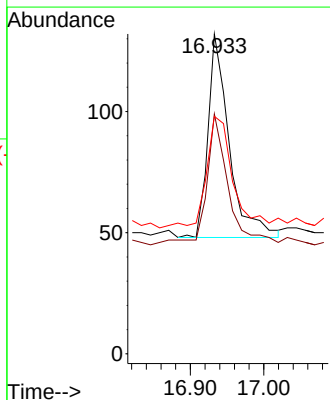
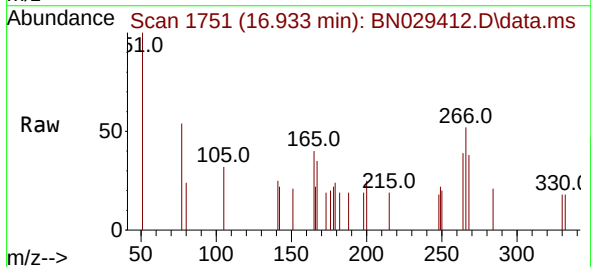
Manual Integrations
APPROVED

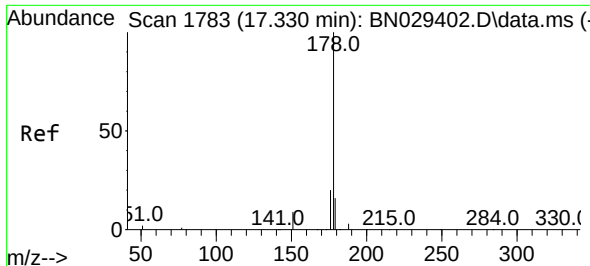
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#24
Pentachlorophenol
Concen: 0.055 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

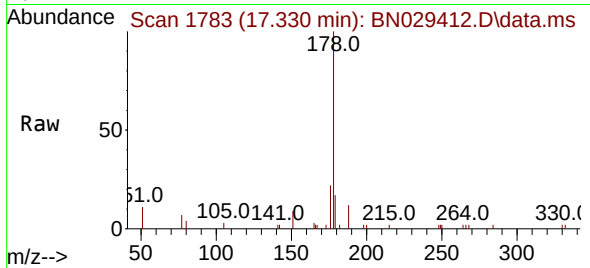
Tgt Ion:266 Resp: 169
Ion Ratio Lower Upper
266 100
264 59.8 50.8 76.2
268 72.8 51.5 77.3





#25
Phenanthrene
Concen: 0.096 ng
RT: 17.330 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

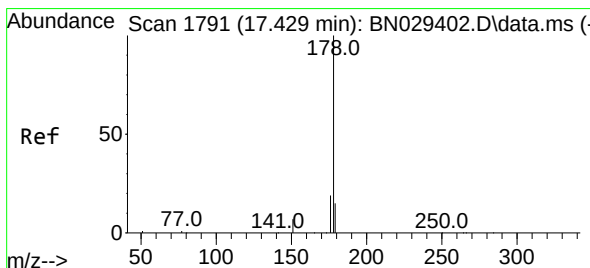
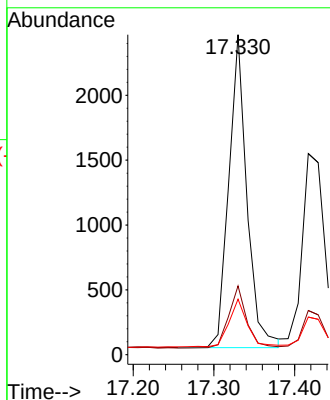
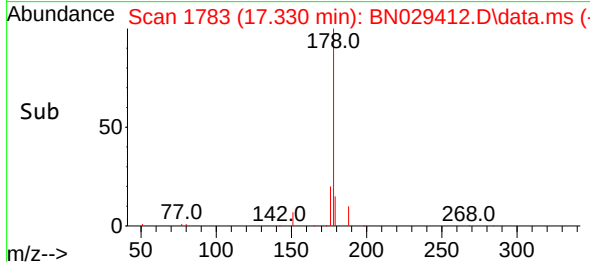
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



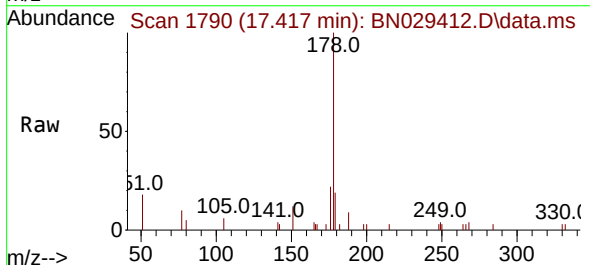
Tgt Ion:178 Resp: 378
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 16.0 12.6 19.0

Manual Integrations
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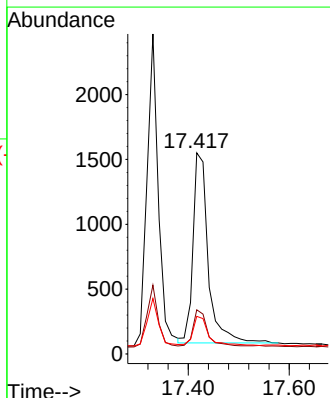
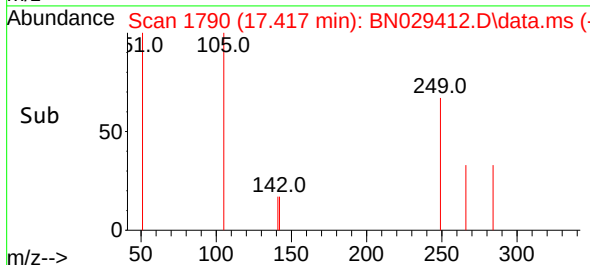
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

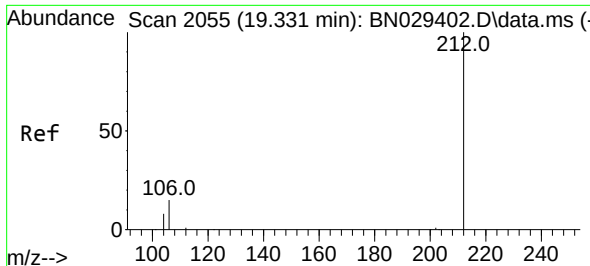


#26
Anthracene
Concen: 0.092 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11



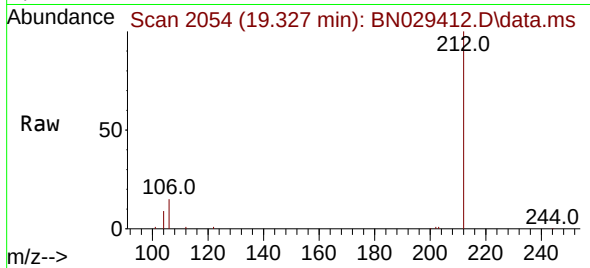
Tgt Ion:178 Resp: 3085
Ion Ratio Lower Upper
178 100
176 17.1 15.0 22.4
179 15.1 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.555 ng
RT: 19.327 min Scan# 2054
Delta R.T. -0.005 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

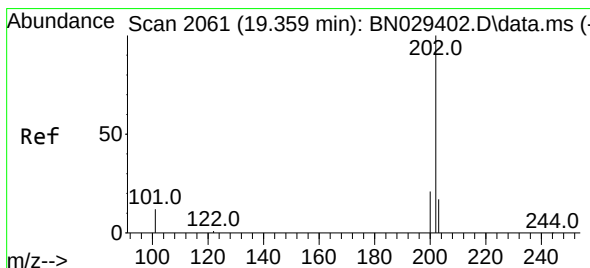
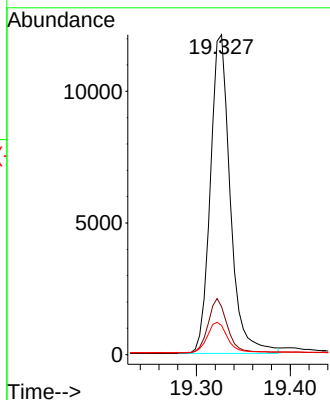
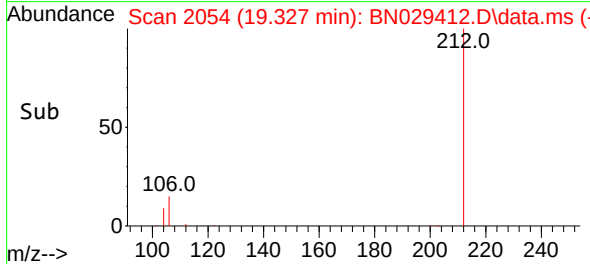
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:212 Resp: 17869
Ion Ratio Lower Upper
212 100
106 16.5 13.2 19.8
104 9.9 7.7 11.5

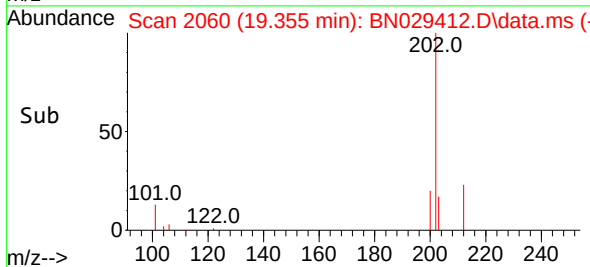
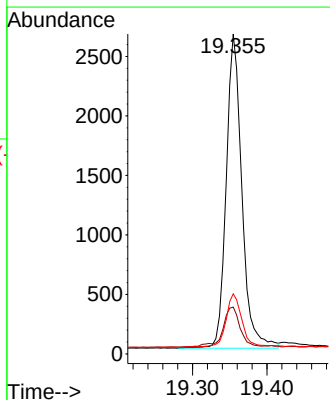
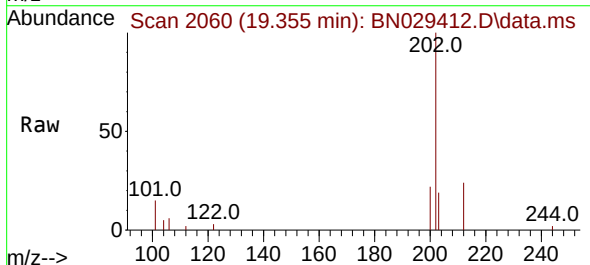
Manual Integrations
APPROVED

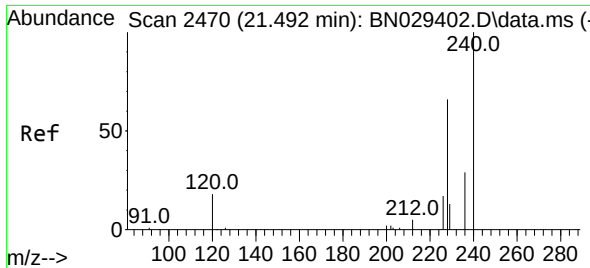
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#28
Fluoranthene
Concen: 0.087 ng
RT: 19.355 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

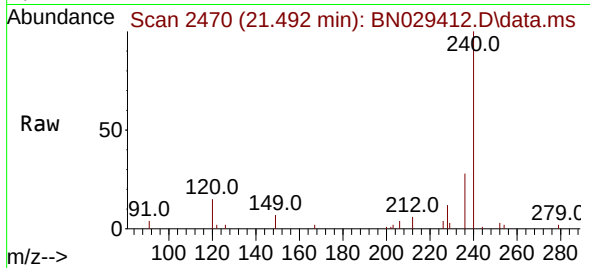
Tgt Ion:202 Resp: 3865
Ion Ratio Lower Upper
202 100
101 14.2 10.5 15.7
203 17.1 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.492 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

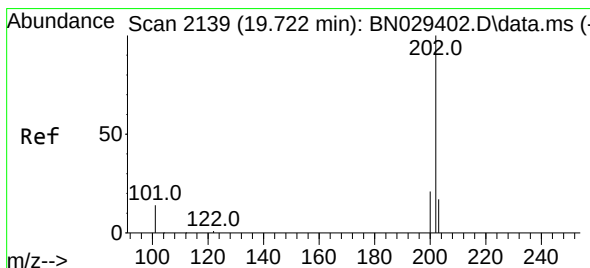
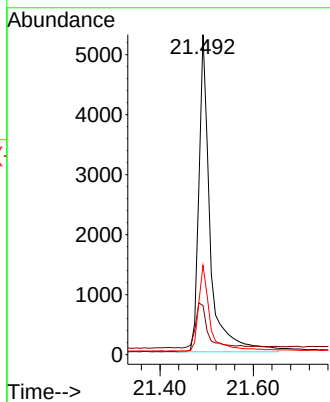
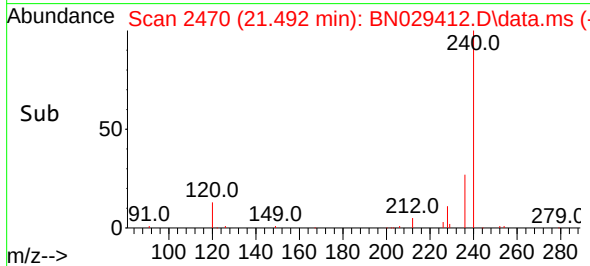
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:240 Resp: 8838
Ion Ratio Lower Upper
240 100
120 15.4 16.7 25.1
236 27.9 23.9 35.9

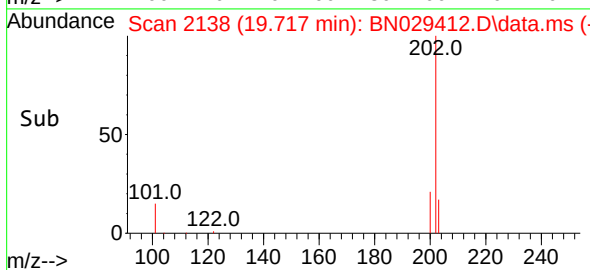
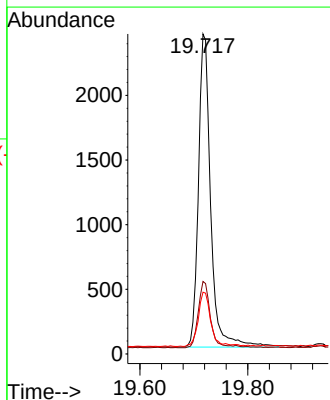
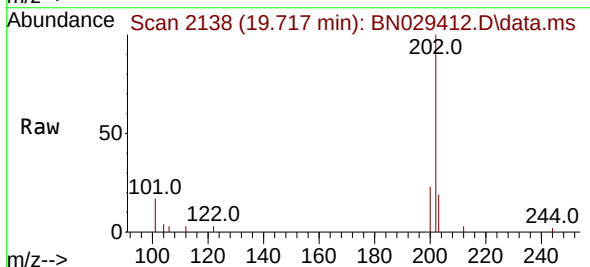
Manual Integrations
APPROVED

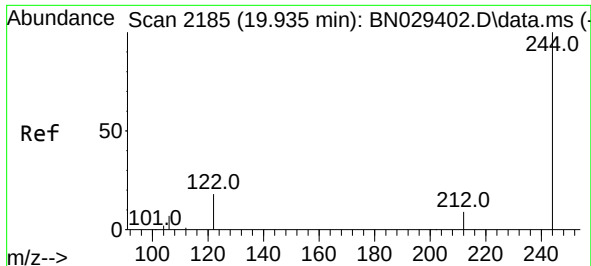
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#30
Pyrene
Concen: 0.094 ng
RT: 19.717 min Scan# 2138
Delta R.T. -0.005 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

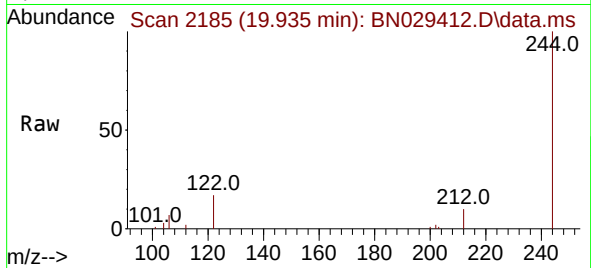
Tgt Ion:202 Resp: 3820
Ion Ratio Lower Upper
202 100
200 21.5 16.6 25.0
203 17.5 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.339 ng
 RT: 19.935 min Scan# 2185
 Delta R.T. -0.000 min
 Lab File: BN029412.D
 Acq: 30 Jan 2024 12:11

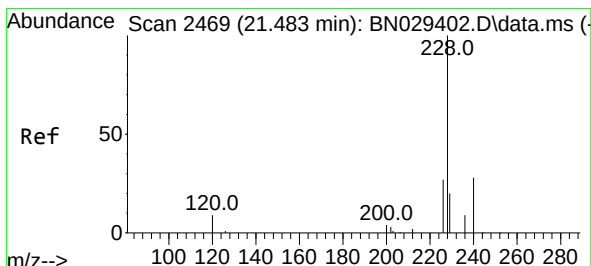
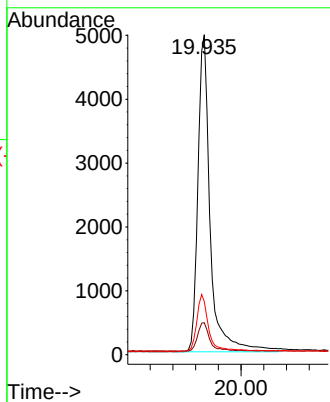
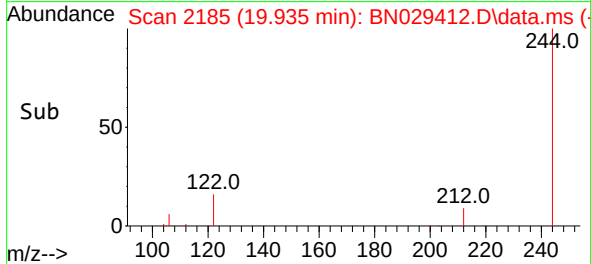
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:244 Resp: 7420
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.2 12.4
 122 16.6 15.6 23.4

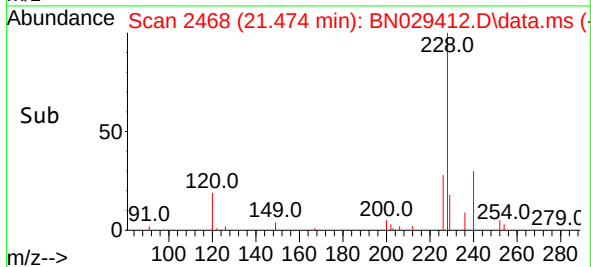
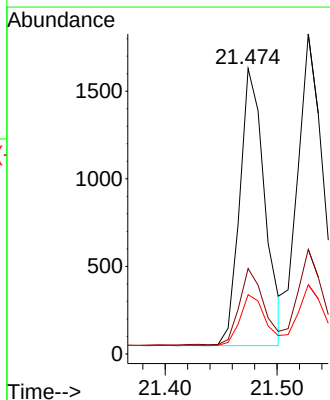
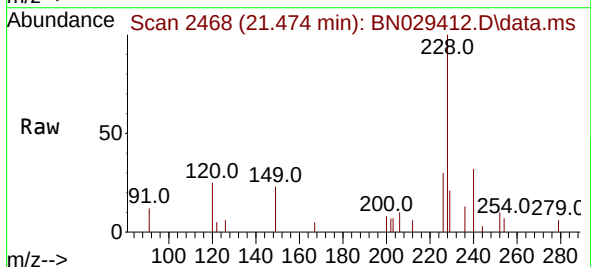
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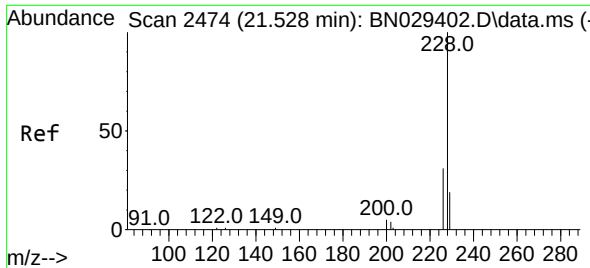
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024



#32
 Benzo(a)anthracene
 Concen: 0.082 ng
 RT: 21.474 min Scan# 2468
 Delta R.T. -0.009 min
 Lab File: BN029412.D
 Acq: 30 Jan 2024 12:11

Tgt Ion:228 Resp: 2468
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.2 33.4
 229 20.8 16.5 24.7





#33

Chrysene

Concen: 0.088 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029412.D

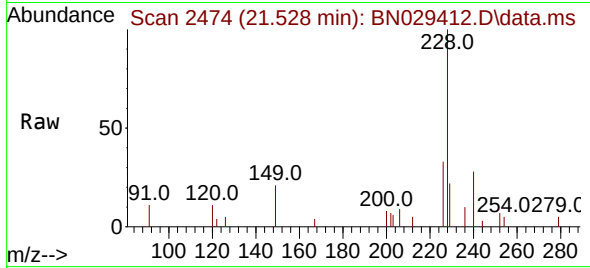
Acq: 30 Jan 2024 12:11

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

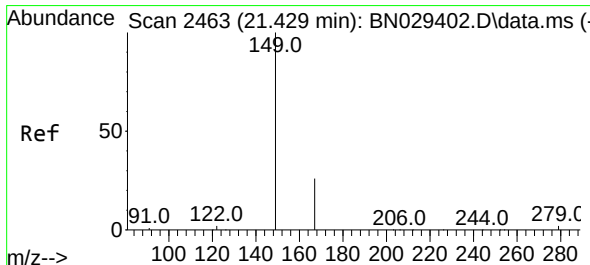
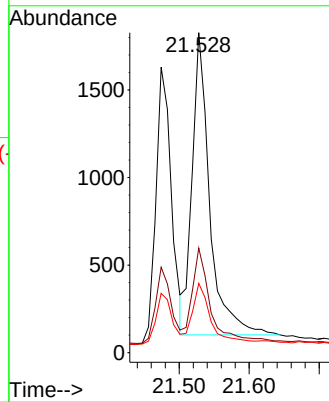
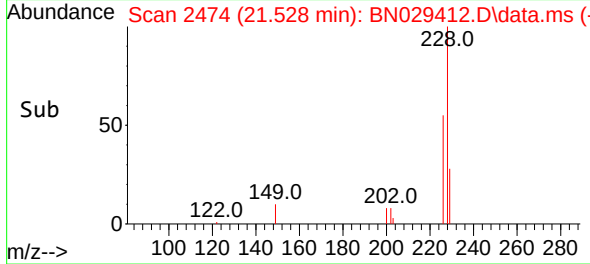


Tgt Ion:	228	Resp:	3019
Ion Ratio	Lower	Upper	
228	100		
226	32.7	24.9	37.3
229	21.6	15.9	23.9

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Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

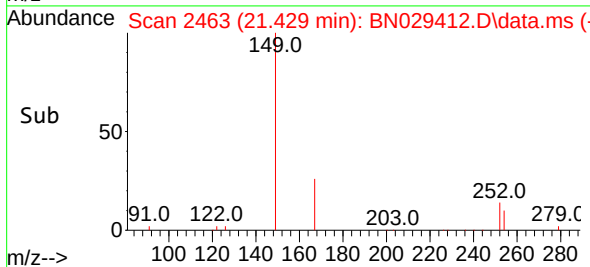
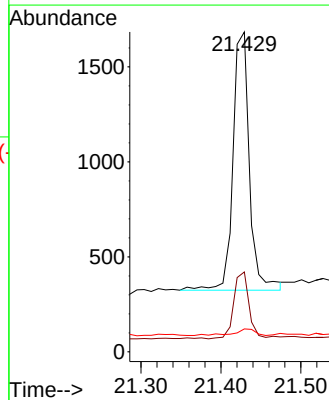
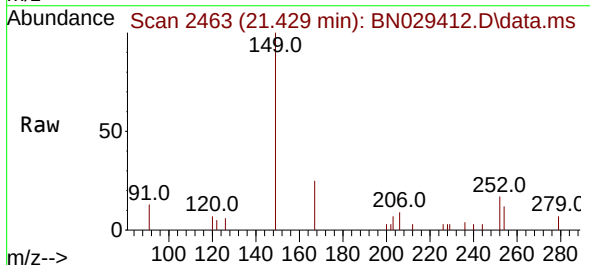
RT: 21.429 min Scan# 2463

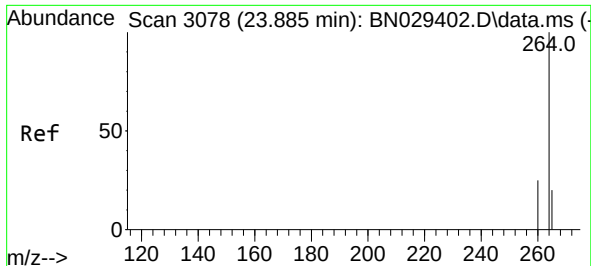
Delta R.T. -0.000 min

Lab File: BN029412.D

Acq: 30 Jan 2024 12:11

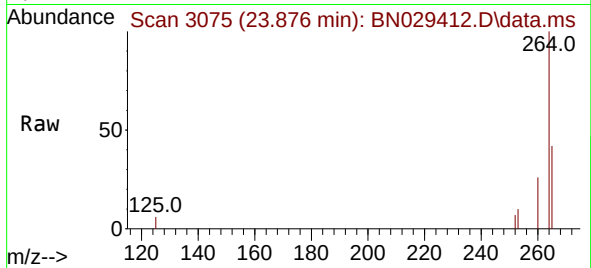
Tgt Ion:	149	Resp:	1942
Ion Ratio	Lower	Upper	
149	100		
167	23.8	20.1	30.1
279	3.2	2.5	3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.876 min Scan# 3075
 Delta R.T. -0.009 min
 Lab File: BN029412.D
 Acq: 30 Jan 2024 12:11

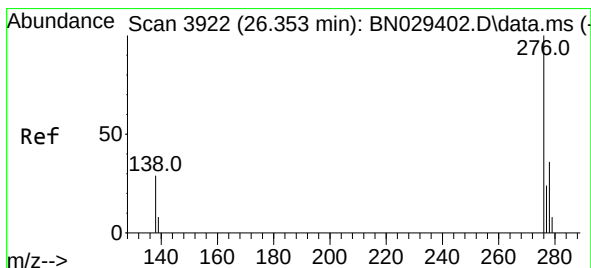
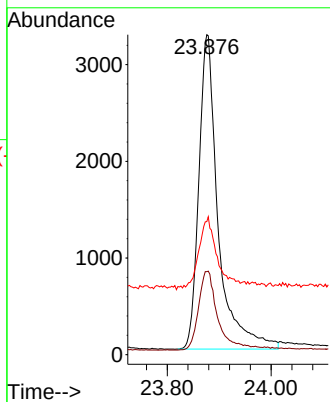
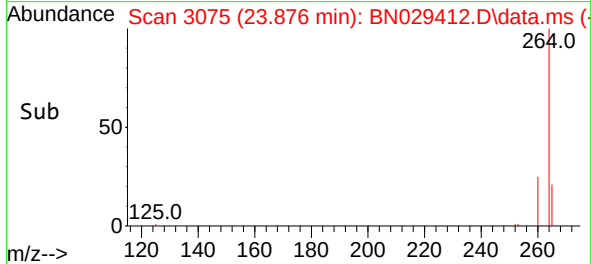
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:264 Resp: 839
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.2 31.8
 265 41.6 41.5 62.3

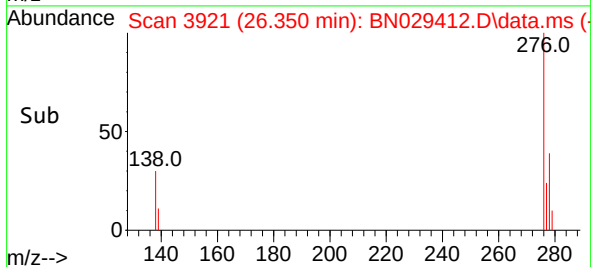
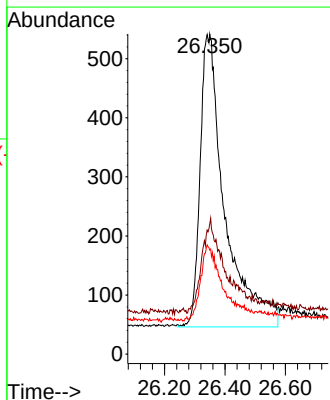
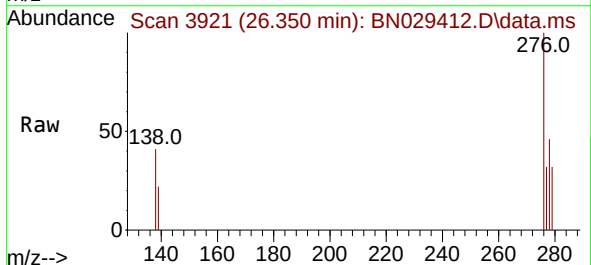
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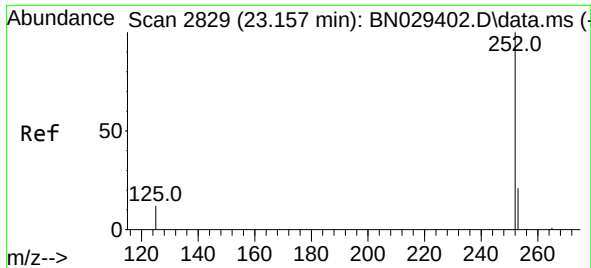
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.084 ng m
 RT: 26.350 min Scan# 3921
 Delta R.T. -0.003 min
 Lab File: BN029412.D
 Acq: 30 Jan 2024 12:11

Tgt Ion:276 Resp: 2823
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.5 30.7
 277 21.4 17.0 25.4





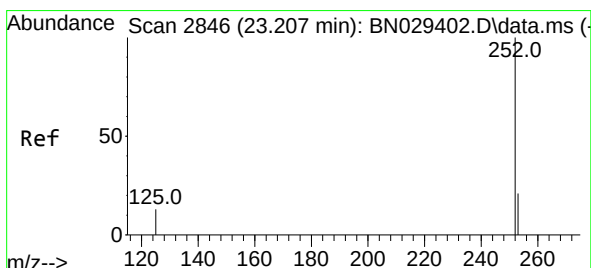
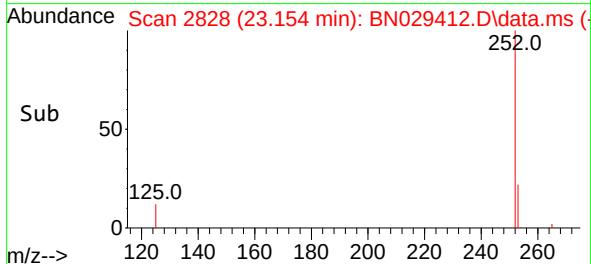
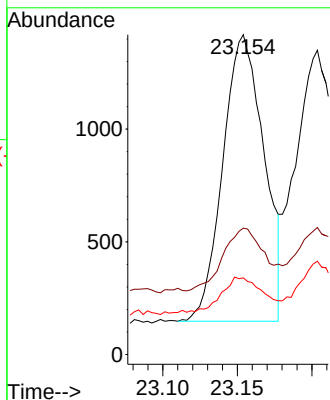
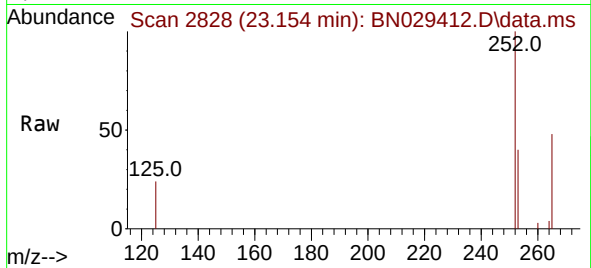
#37
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 23.154 min Scan# 2828
Delta R.T. -0.003 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:252 Resp: 243
Ion Ratio Lower Upper
252 100
253 39.5 21.7 32.5#
125 24.0 13.3 19.9#

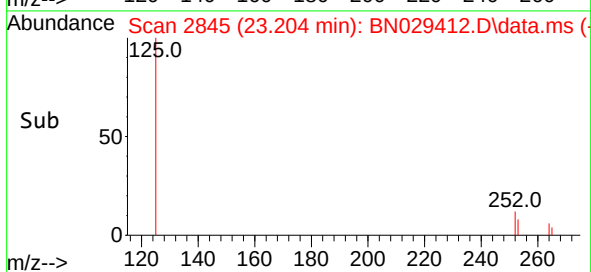
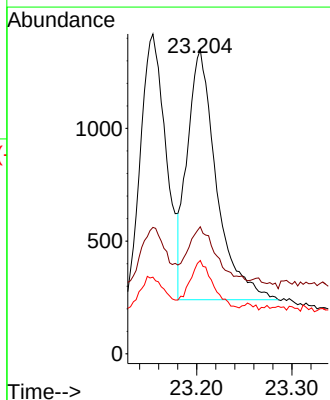
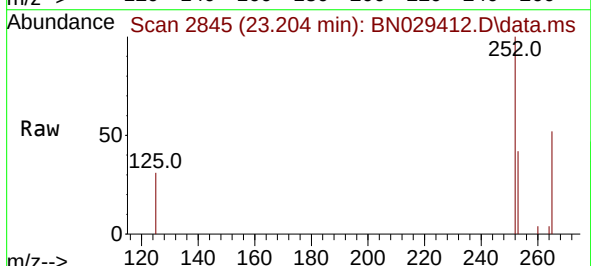
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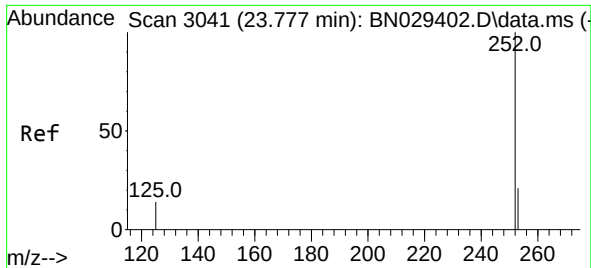
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#38
Benzo(k)fluoranthene
Concen: 0.075 ng
RT: 23.204 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

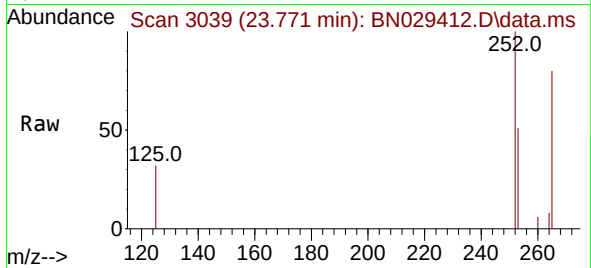
Tgt Ion:252 Resp: 2363
Ion Ratio Lower Upper
252 100
253 41.8 21.8 32.8#
125 30.7 13.9 20.9#





#39
Benzo(a)pyrene
Concen: 0.078 ng
RT: 23.771 min Scan# 3041
Delta R.T. -0.006 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

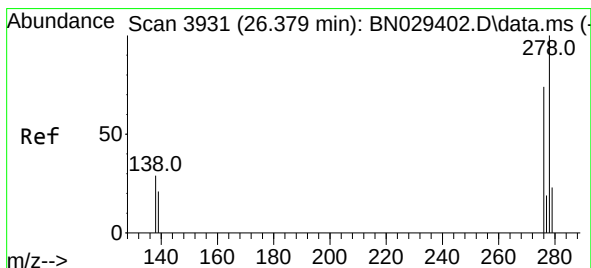
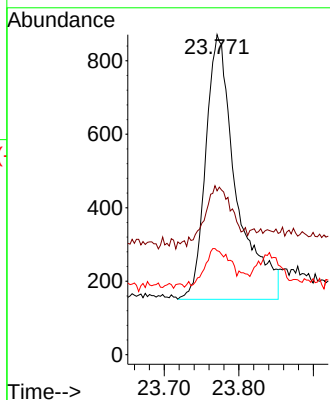
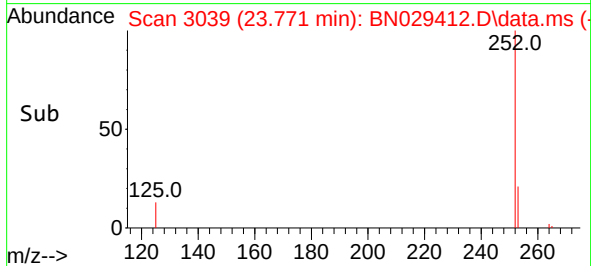
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:252 Resp: 2044
Ion Ratio Lower Upper
252 100
253 51.2 24.9 37.3#
125 32.5 16.6 25.0#

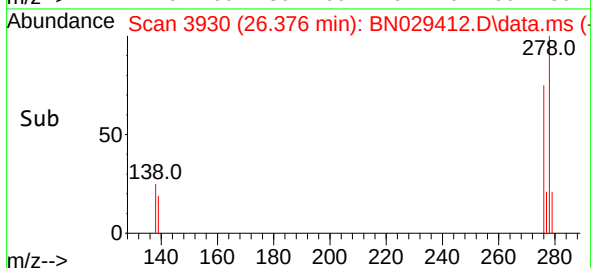
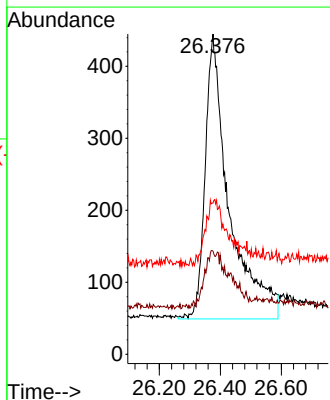
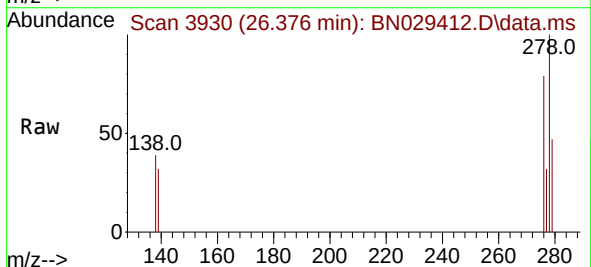
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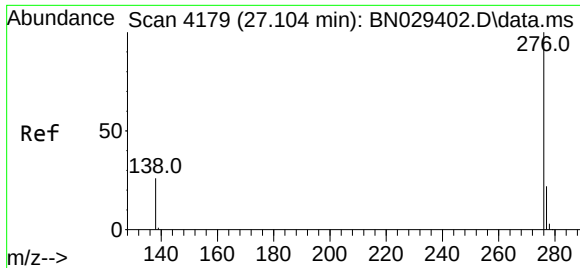
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.080 ng m
RT: 26.376 min Scan# 3930
Delta R.T. -0.003 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

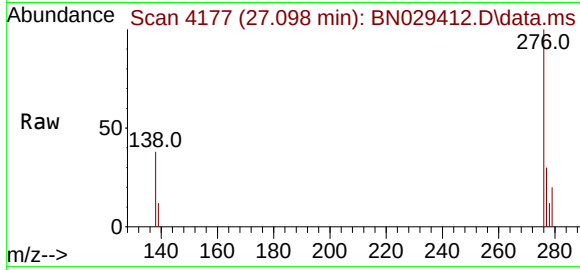
Tgt Ion:278 Resp: 2161
Ion Ratio Lower Upper
278 100
139 32.1 20.4 30.6#
279 47.2 25.0 37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.076 ng
RT: 27.098 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN029412.D
Acq: 30 Jan 2024 12:11

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion: 276 Resp: 2474

Ion	Ratio	Lower	Upper
276	100		
277	30.0	19.4	29.2
138	38.1	23.5	35.3

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

