

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029434.D
 Acq On : 31 Jan 2024 04:33
 Operator : MA/JU
 Sample : P1187-01
 Misc : LOD-MDL-SOIL-0.1NG
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Quant Time: Jan 31 05:07:54 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	3503	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	9434	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4342	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8479	0.400	ng	0.00
29) Chrysene-d12	21.492	240	5864	0.400	ng	# 0.00
35) Perylene-d12	23.873	264	6144	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	2959	0.352	ng	0.00
5) Phenol-d6	7.060	99	3540	0.365	ng	0.00
8) Nitrobenzene-d5	9.067	82	2701	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	6782	0.528	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	451	0.324	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	6258	0.336	ng	-0.01
27) Fluoranthene-d10	19.322	212	11623	0.566	ng	0.00
31) Terphenyl-d14	19.931	244	4846	0.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	761	0.154	ng	88
3) n-Nitrosodimethylamine	3.723	42	289	0.072	ng	# 86
6) bis(2-Chloroethyl)ether	7.342	93	841	0.091	ng	95
9) Naphthalene	10.744	128	2645	0.098	ng	# 94
10) Hexachlorobutadiene	11.021	225	482	0.095	ng	# 99
12) 2-Methylnaphthalene	12.363	142	1475	0.093	ng	98
16) Acenaphthylene	14.254	152	2067	0.100	ng	99
17) Acenaphthene	14.597	154	1318	0.095	ng	99
18) Fluorene	15.580	166	1649	0.095	ng	100
20) 4,6-Dinitro-2-methylph...	15.679	198	80	0.064	ng	# 1
21) 4-Bromophenyl-phenylether	16.486	248	462	0.092	ng	93
22) Hexachlorobenzene	16.585	284	593	0.096	ng	96
23) Atrazine	16.759	200	323	0.090	ng	# 73
24) Pentachlorophenol	16.933	266	112	0.057	ng	# 77
25) Phenanthrene	17.330	178	2494	0.099	ng	99
26) Anthracene	17.417	178	1978	0.093	ng	98
28) Fluoranthene	19.355	202	2534	0.090	ng	99
30) Pyrene	19.717	202	2531	0.094	ng	98
32) Benzo(a)anthracene	21.474	228	1719	0.086	ng	96
33) Chrysene	21.528	228	2060	0.090	ng	96
34) Bis(2-ethylhexyl)phtha...	21.420	149	1524	0.112	ng	98
36) Indeno(1,2,3-cd)pyrene	26.344	276	2049m	0.083	ng	
37) Benzo(b)fluoranthene	23.151	252	1717	0.078	ng	# 67
38) Benzo(k)fluoranthene	23.198	252	1781	0.077	ng	# 47
39) Benzo(a)pyrene	23.768	252	1606m	0.084	ng	
40) Dibenzo(a,h)anthracene	26.373	278	1577m	0.080	ng	
41) Benzo(g,h,i)perylene	27.083	276	1936m	0.081	ng	

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

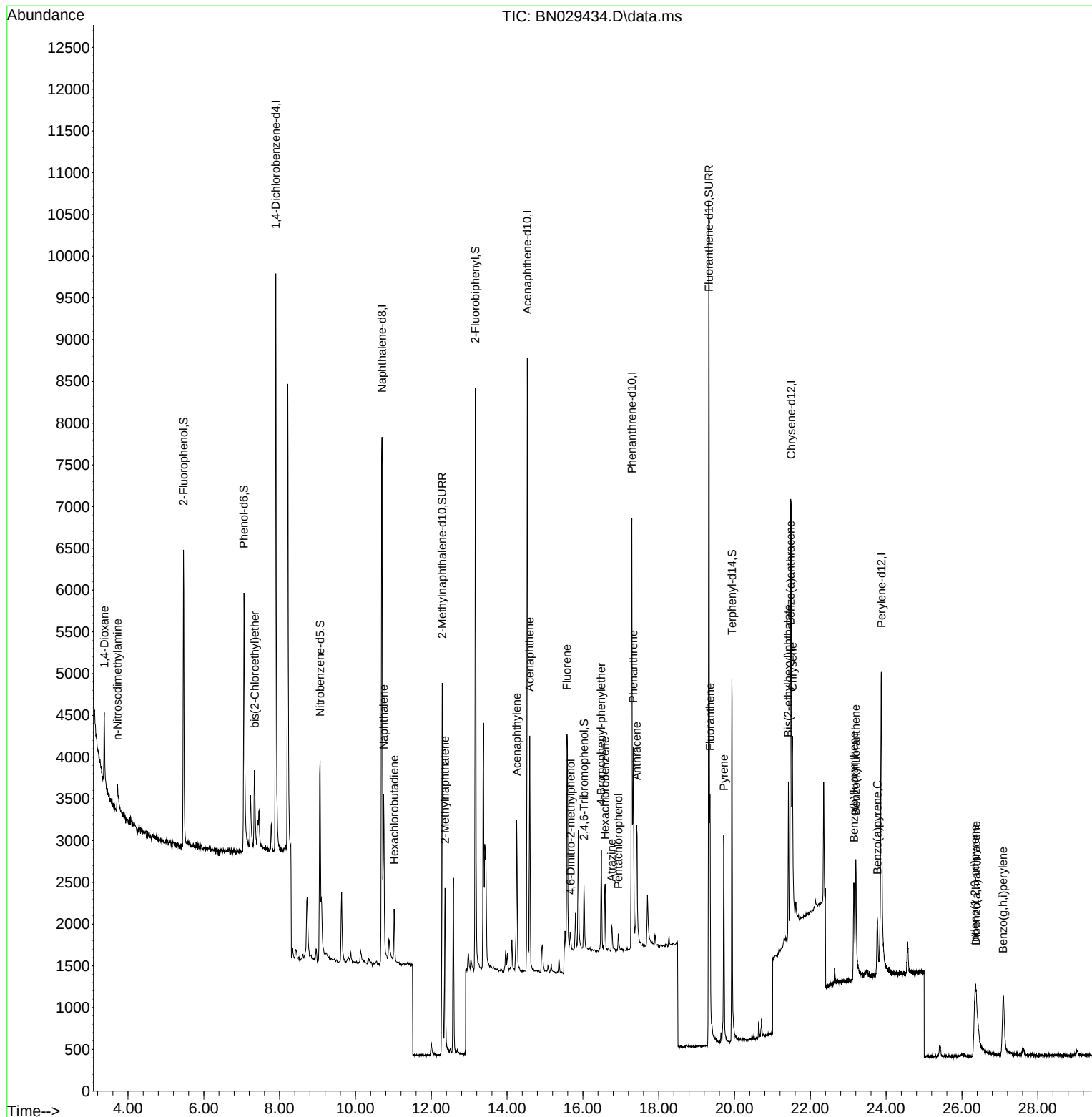
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 Data File : BN029434.D
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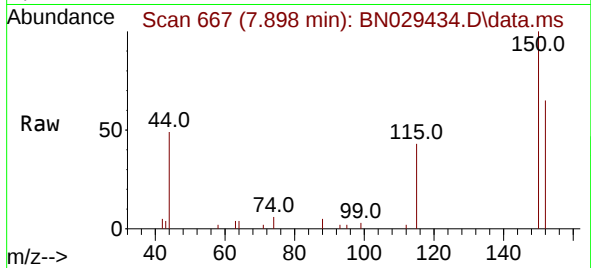
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.898 min Scan# 667
 Delta R.T. -0.007 min
 Lab File: BN029434.D
 Acq: 31 Jan 2024 04:33

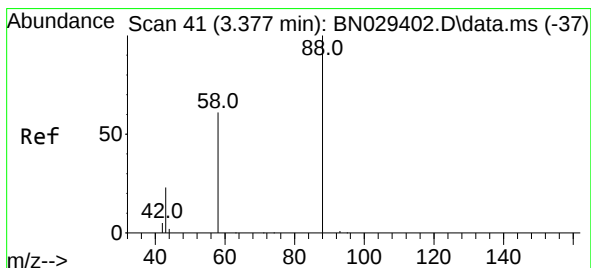
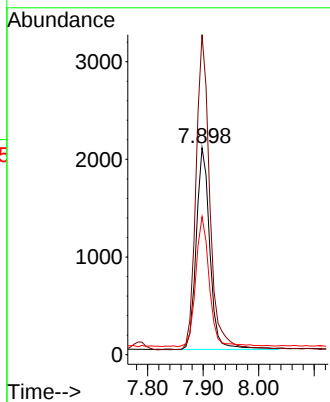
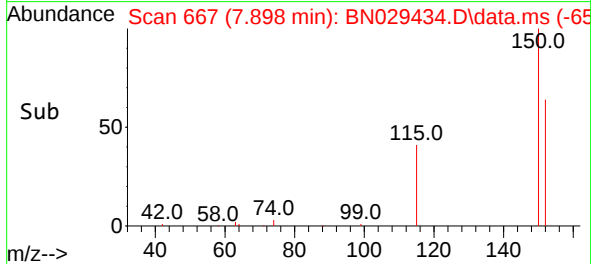
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 152 Resp: 350
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.0 184.4
 115 66.8 51.4 77.0

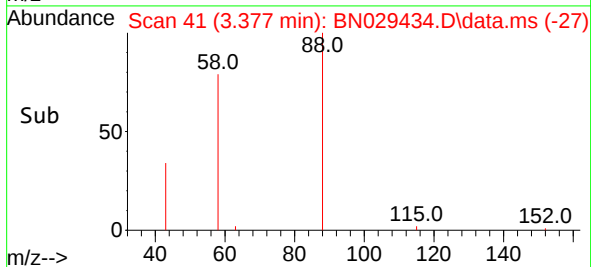
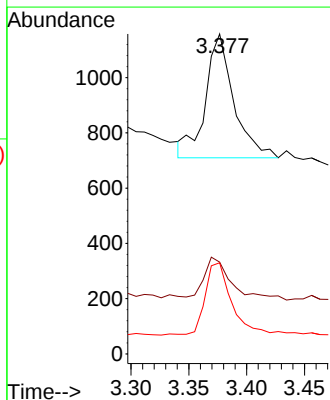
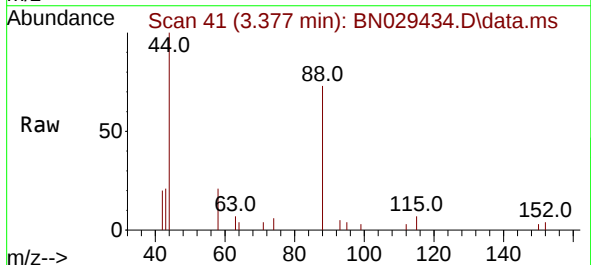
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#2
 1,4-Dioxane
 Concen: 0.154 ng
 RT: 3.377 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN029434.D
 Acq: 31 Jan 2024 04:33

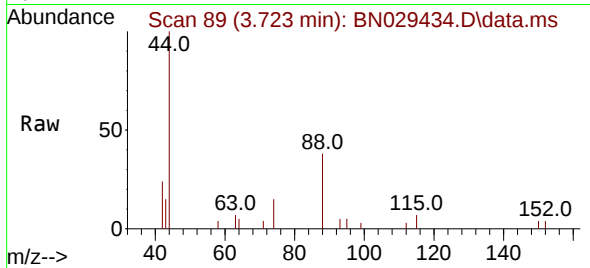
Tgt Ion: 88 Resp: 761
 Ion Ratio Lower Upper
 88 100
 43 26.5 23.3 34.9
 58 54.7 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.072 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.014 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

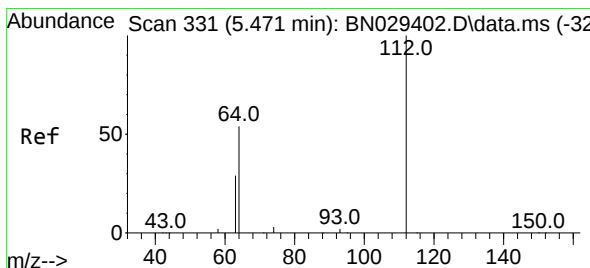
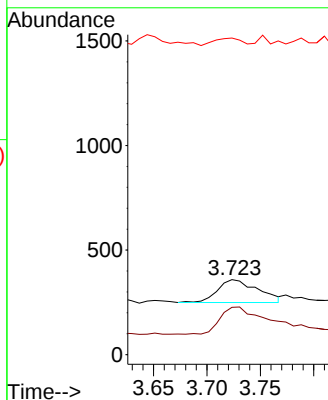
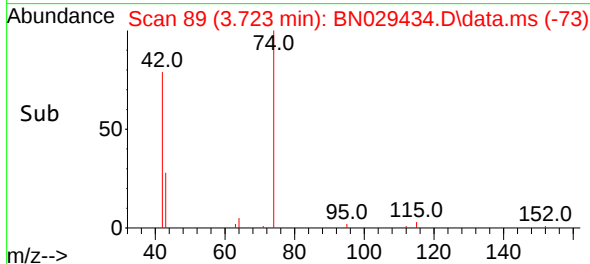
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 42 Resp: 289
Ion Ratio Lower Upper
42 100
74 132.5 93.7 140.5
44 21.5 13.0 19.4

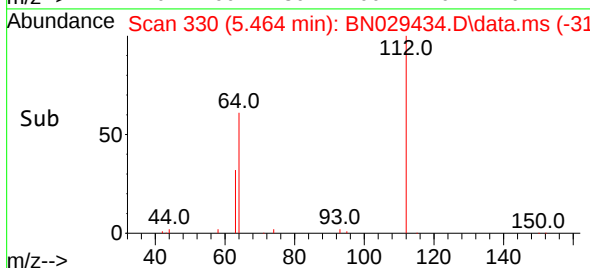
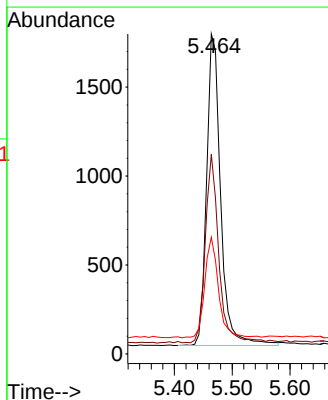
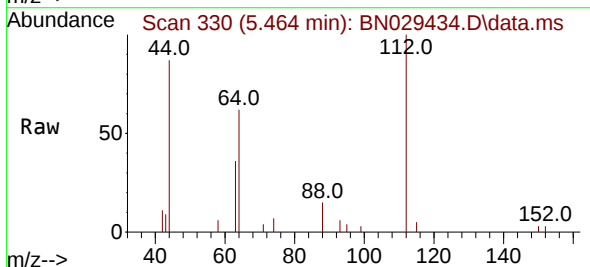
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Supervised By :Sohil Jodhani 02/02/2024



#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.007 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

Tgt Ion:112 Resp: 2959
Ion Ratio Lower Upper
112 100
64 58.2 47.2 70.8
63 31.7 25.8 38.6





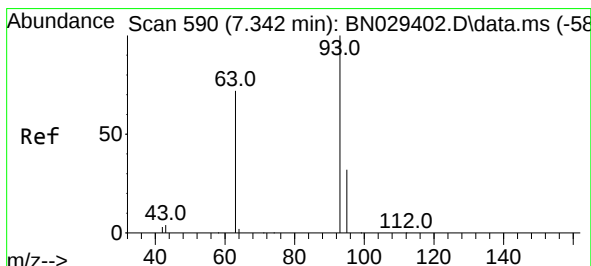
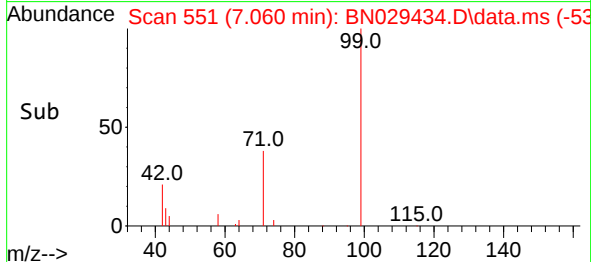
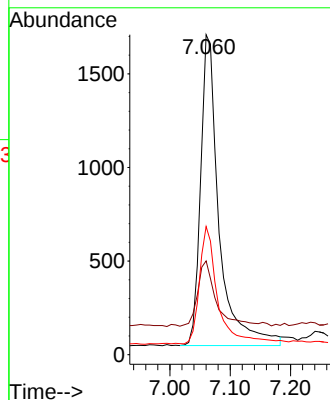
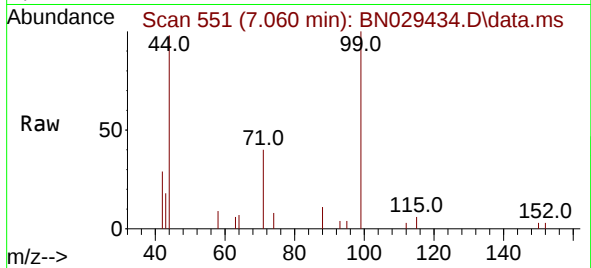
#5
Phenol-d6
Concen: 0.365 ng
RT: 7.060 min Scan# 551
Delta R.T. -0.007 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 99 Resp: 3540
Ion Ratio Lower Upper
99 100
42 20.7 16.9 25.3
71 36.9 30.0 45.0

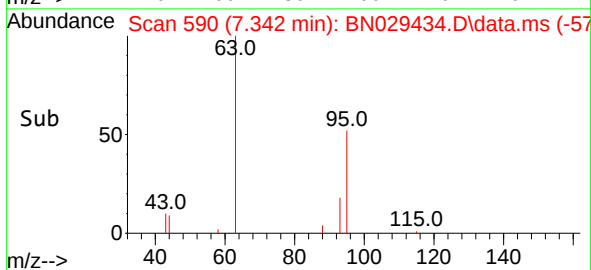
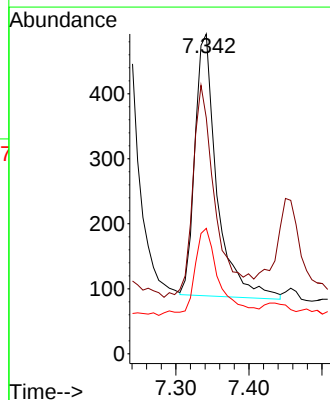
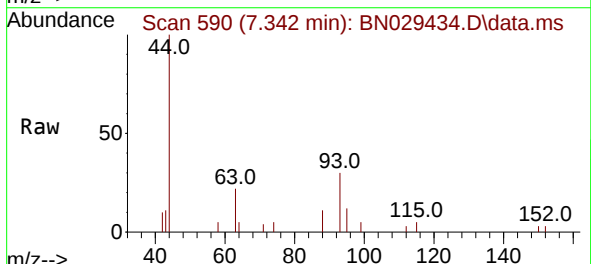
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#6
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 7.342 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

Tgt Ion: 93 Resp: 841
Ion Ratio Lower Upper
93 100
63 84.4 63.1 94.7
95 34.2 27.1 40.7





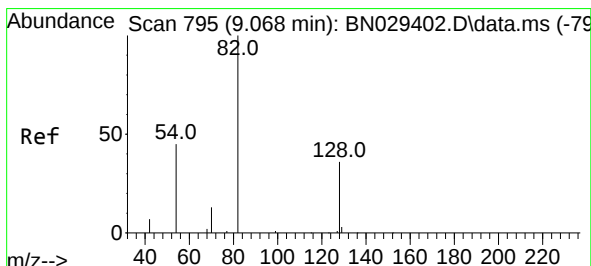
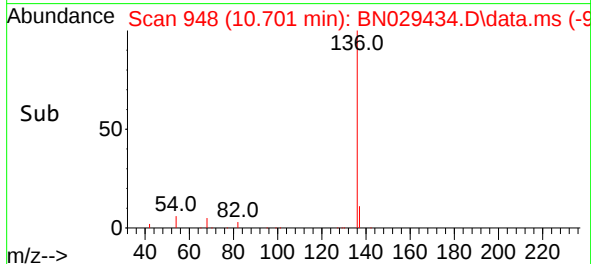
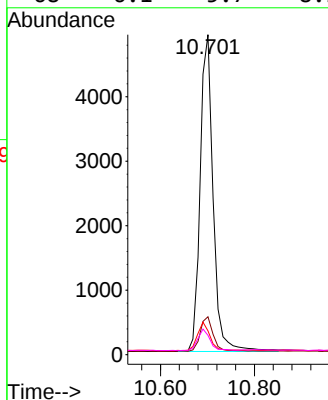
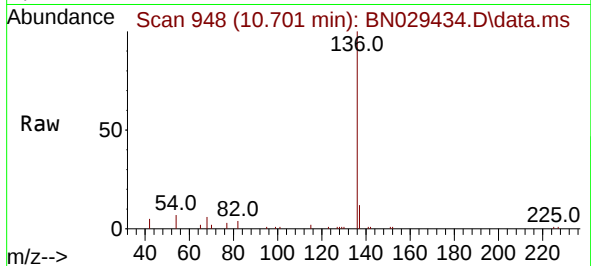
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	136	Resp:	9434
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.7	14.5
54	7.4	6.6	10.0
68	6.1	5.7	8.5

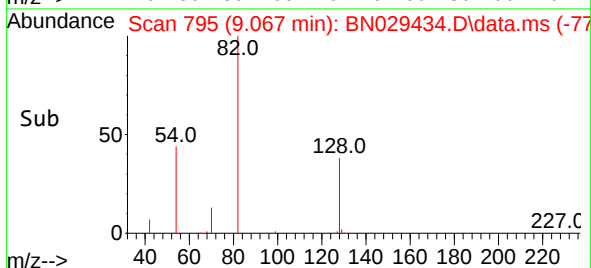
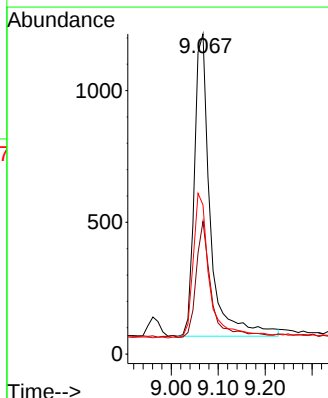
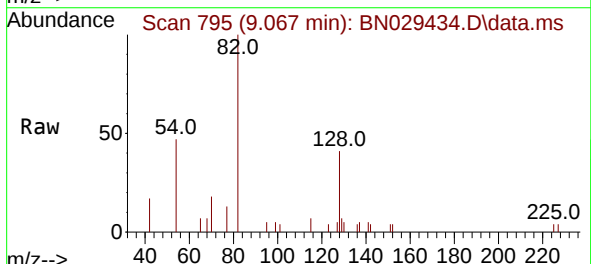
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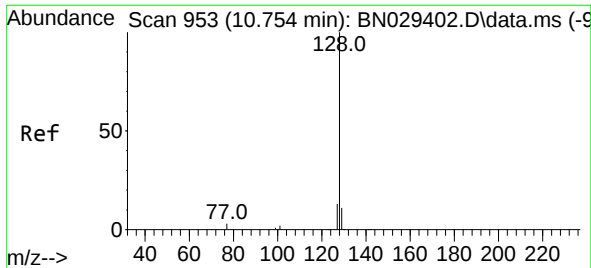
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

Tgt Ion:	82	Resp:	2701
Ion Ratio	Lower	Upper	
82	100		
128	41.5	31.6	47.4
54	46.6	38.2	57.4





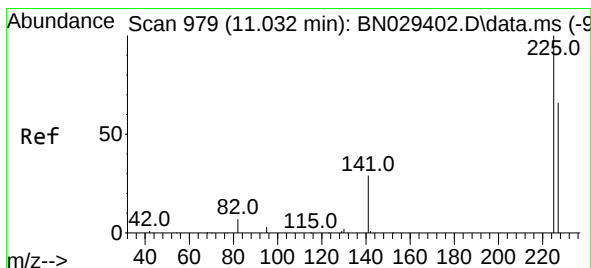
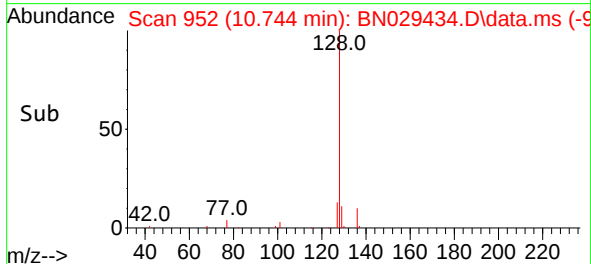
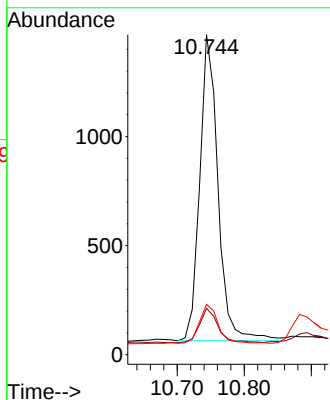
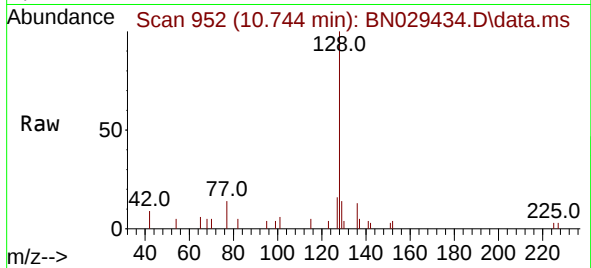
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Naphthalene
Concen: 0.098 ng
RT: 10.744 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:128 Resp: 264
Ion Ratio Lower Upper
128 100
129 14.5 9.5 14.3
127 15.7 10.8 16.2

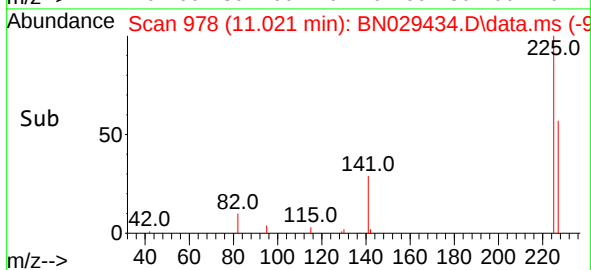
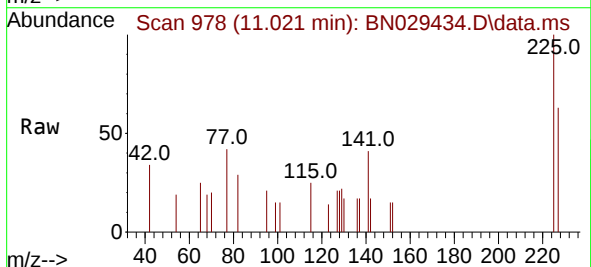
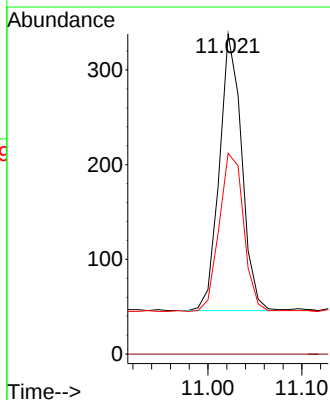
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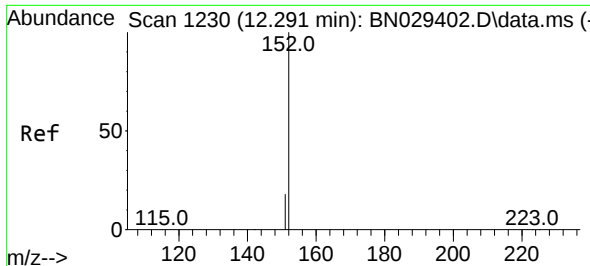
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#10
Hexachlorobutadiene
Concen: 0.095 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

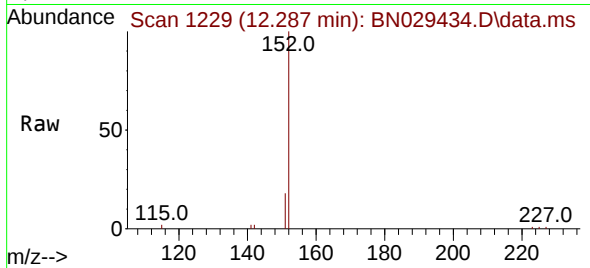
Tgt Ion:225 Resp: 482
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.9 51.1 76.7





#11
2-Methylnaphthalene-d10
Concen: 0.528 ng
RT: 12.287 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

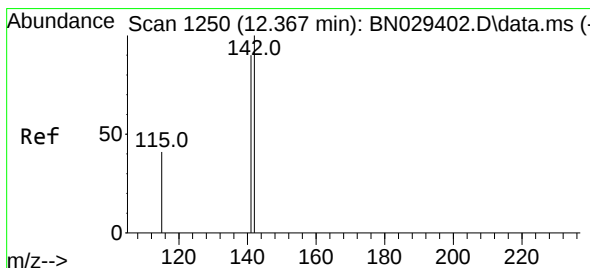
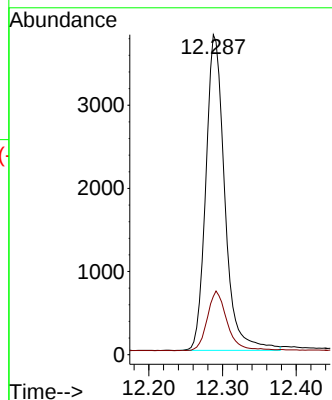
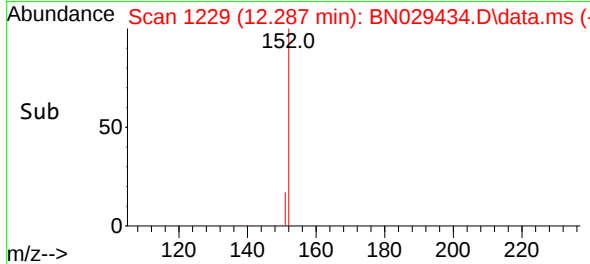
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LOD-MDL-SOIL-01-QT1-2024



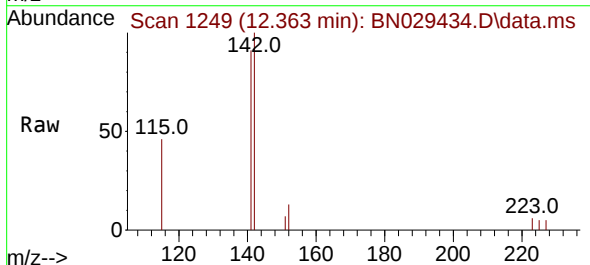
Tgt Ion:152 Resp: 678
Ion Ratio Lower Upper
152 100
151 19.8 17.1 25.7

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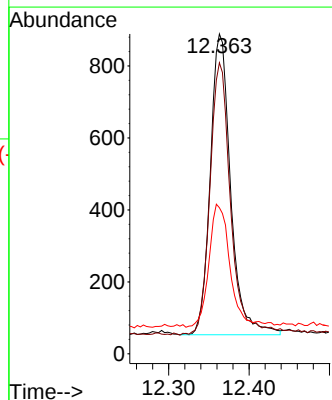
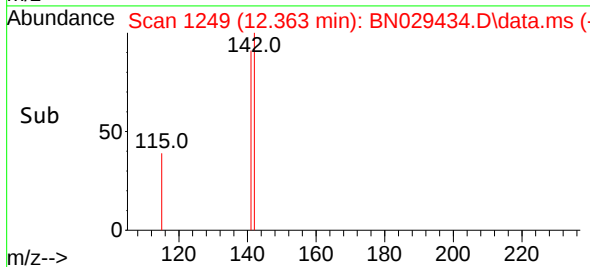
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

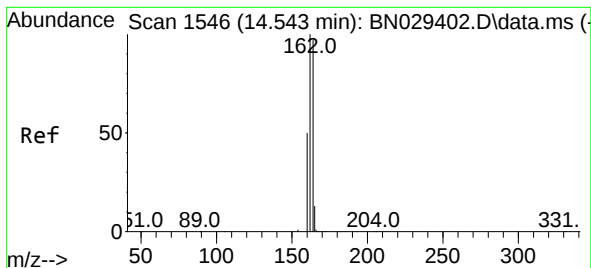


#12
2-Methylnaphthalene
Concen: 0.093 ng
RT: 12.363 min Scan# 1249
Delta R.T. -0.004 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33



Tgt Ion:142 Resp: 1475
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9
115 45.7 33.9 50.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN029434.D

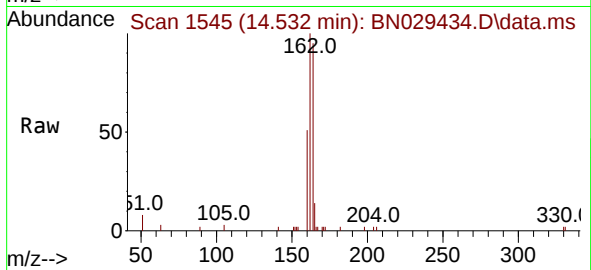
Acq: 31 Jan 2024 04:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:164 Resp: 434

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

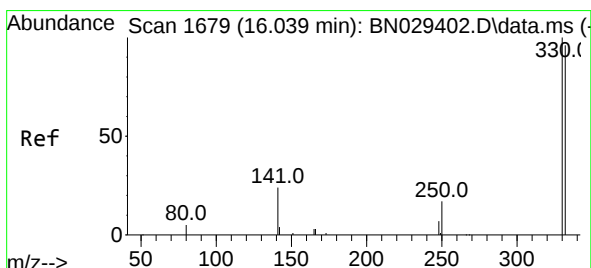
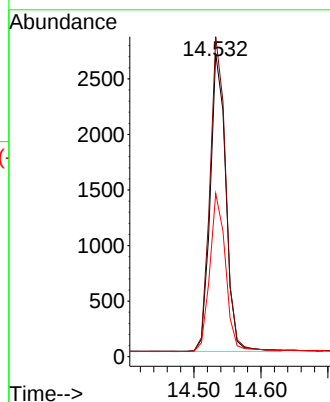
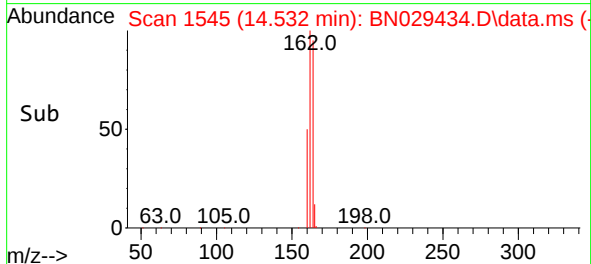
160 53.8 41.5 62.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/31/2024

Supervised By :Sohil Jodhani 02/02/2024



#14

2,4,6-Tribromophenol

Concen: 0.324 ng

RT: 16.027 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BN029434.D

Acq: 31 Jan 2024 04:33

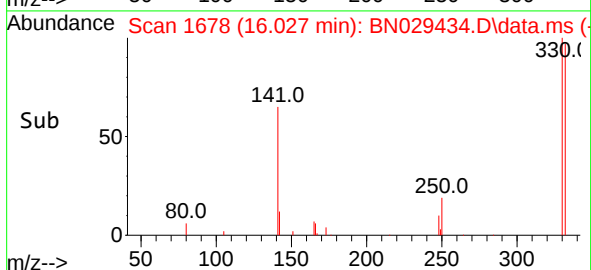
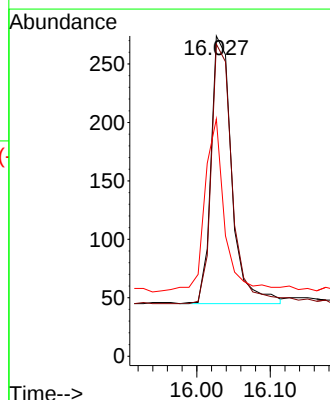
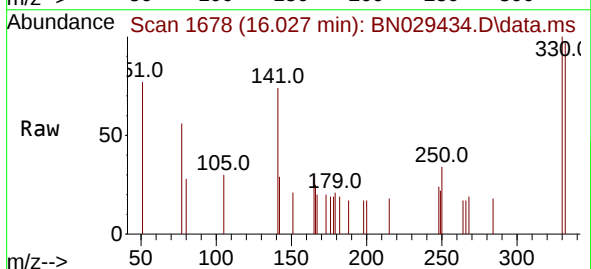
Tgt Ion:330 Resp: 451

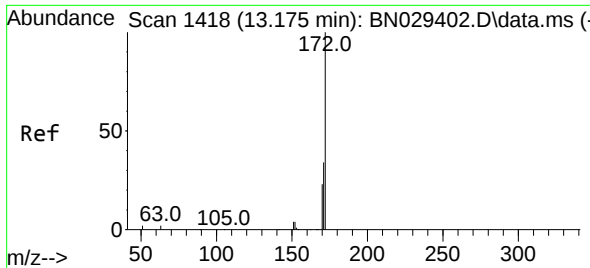
Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

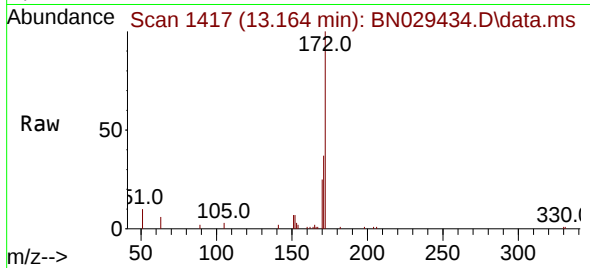
141 59.9 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.164 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

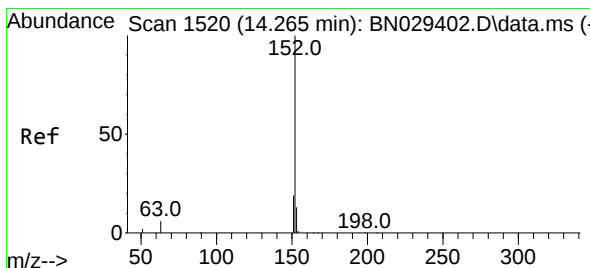
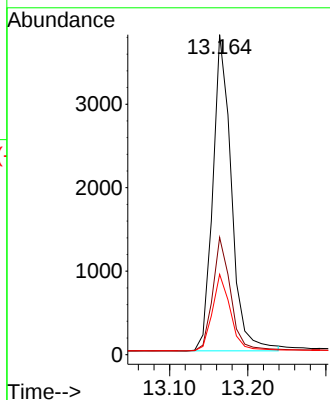
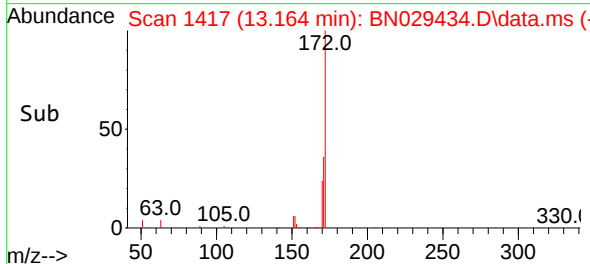
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:172 Resp: 6258
Ion Ratio Lower Upper
172 100
171 36.6 28.0 42.0
170 25.1 18.7 28.1

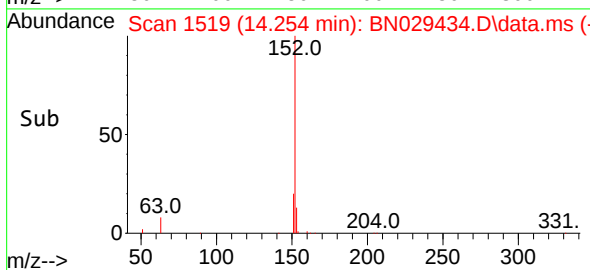
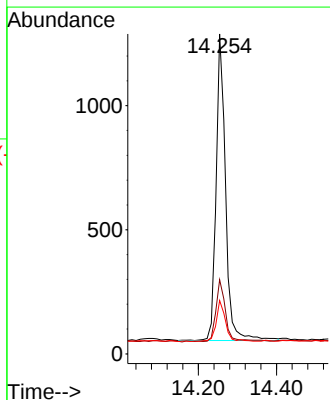
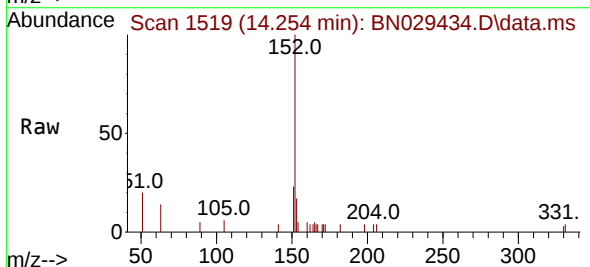
Manual Integrations
APPROVED

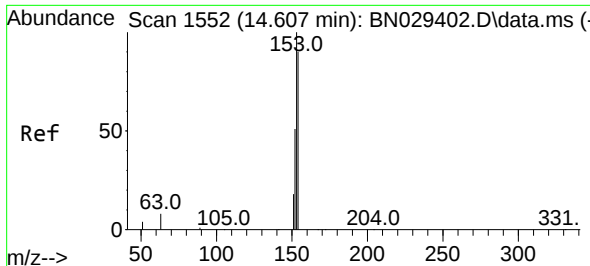
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.011 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

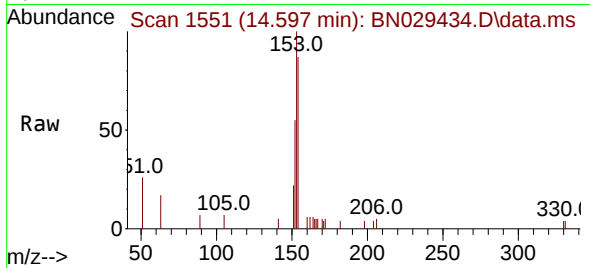
Tgt Ion:152 Resp: 2067
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.2 10.5 15.7





#17
Acenaphthene
Concen: 0.095 ng
RT: 14.597 min Scan# 1551
Delta R.T. -0.011 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

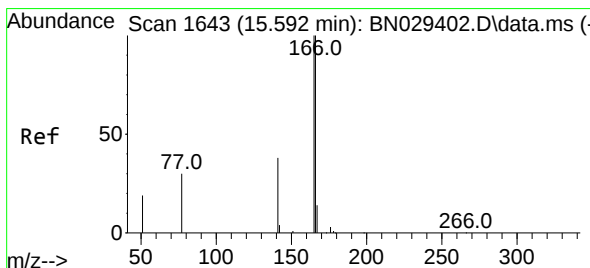
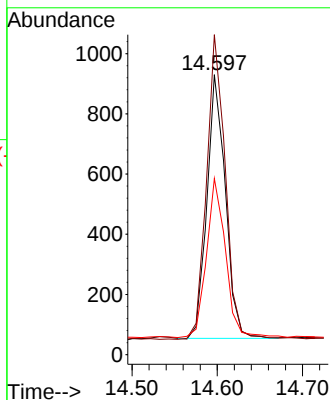
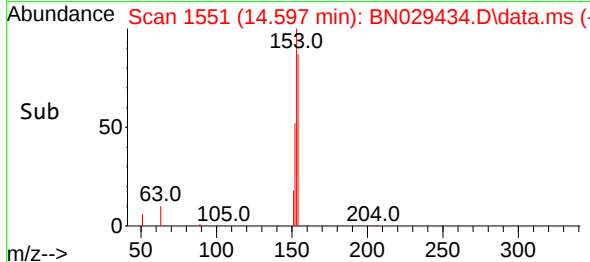
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:154 Resp: 1318
Ion Ratio Lower Upper
154 100
153 117.7 93.6 140.4
152 62.0 48.6 73.0

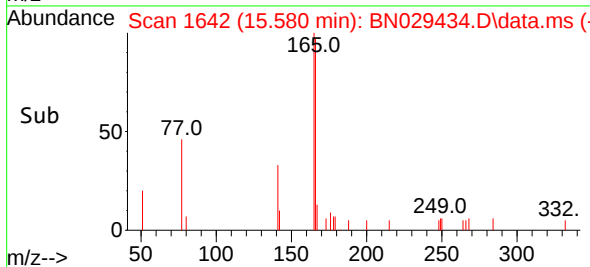
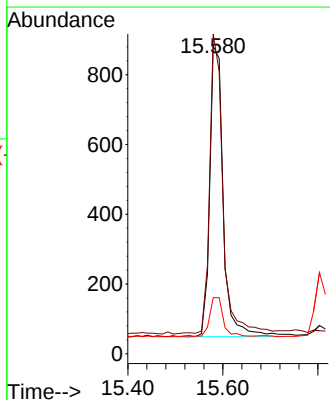
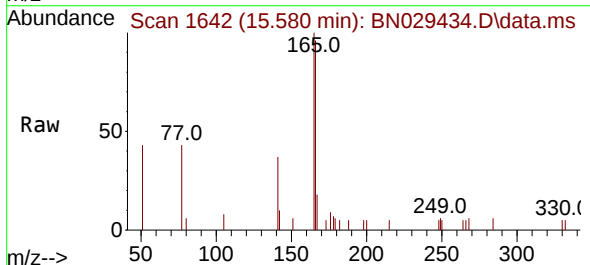
Manual Integrations
APPROVED

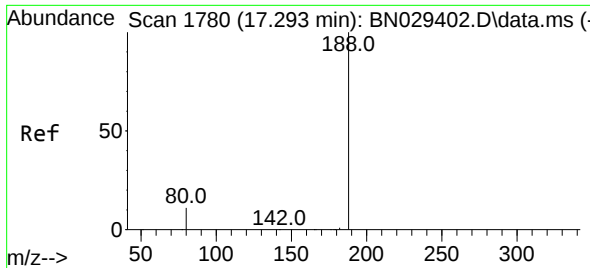
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#18
Fluorene
Concen: 0.095 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.012 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

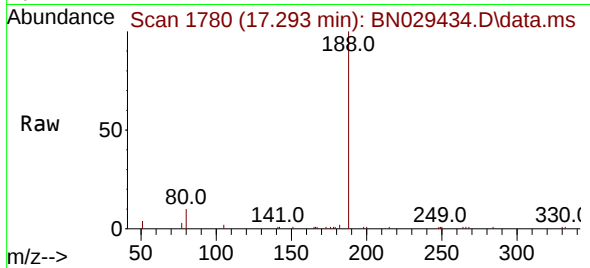
Tgt Ion:166 Resp: 1649
Ion Ratio Lower Upper
166 100
165 100.0 79.9 119.9
167 14.1 11.3 16.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

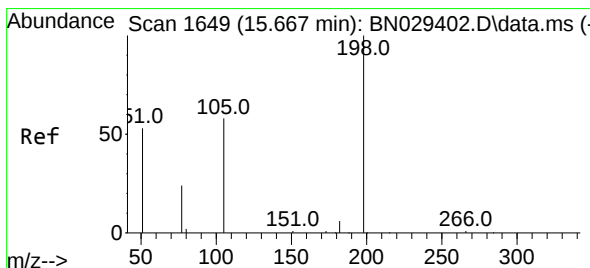
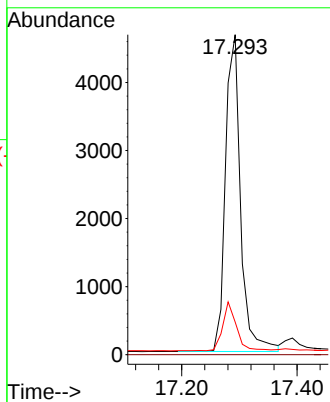
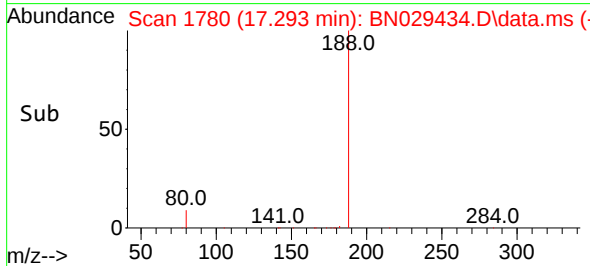
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:188 Resp: 8479
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 10.0 15.0

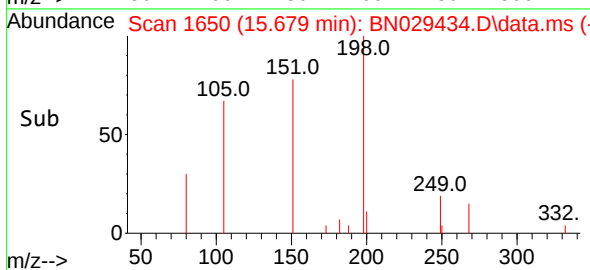
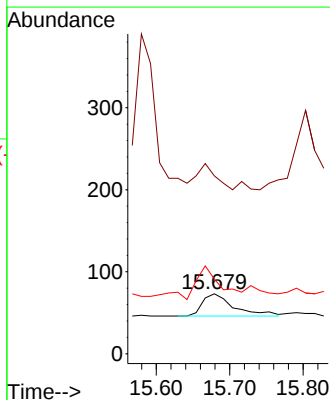
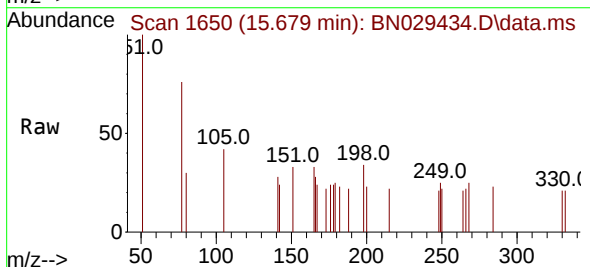
Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.064 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.012 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

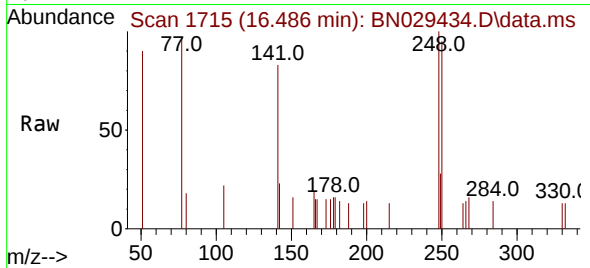
Tgt Ion:198 Resp: 80
Ion Ratio Lower Upper
198 100
51 297.3 111.0 166.6#
105 124.7 67.0 100.6#





#21
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

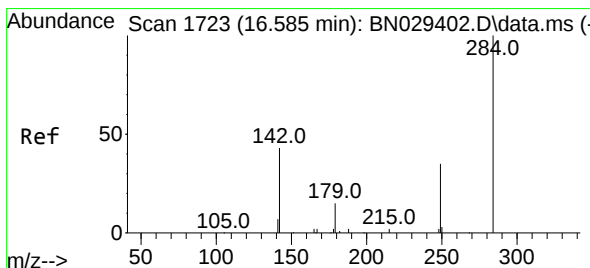
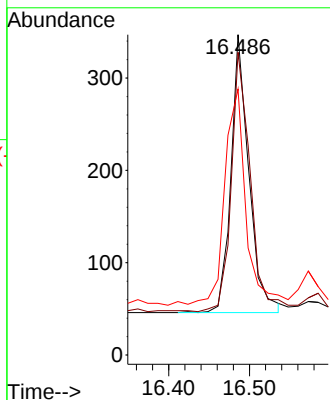
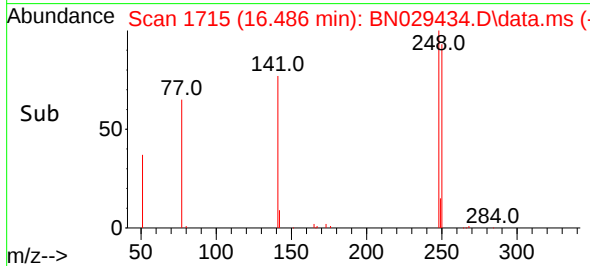
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



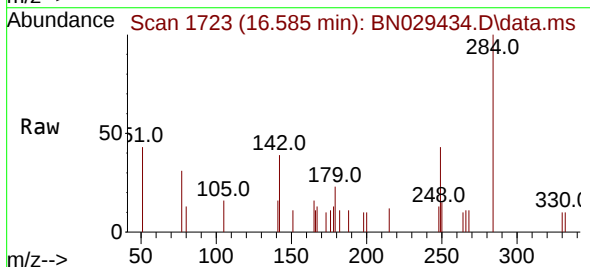
Tgt Ion:248 Resp: 462
Ion Ratio Lower Upper
248 100
250 94.5 75.0 112.4
141 83.0 77.0 115.6

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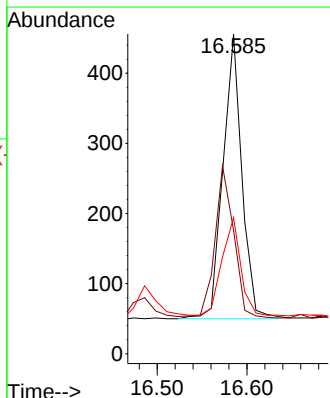
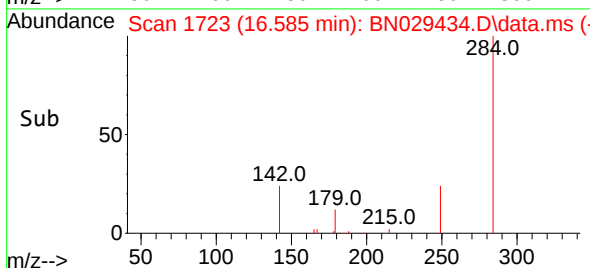
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

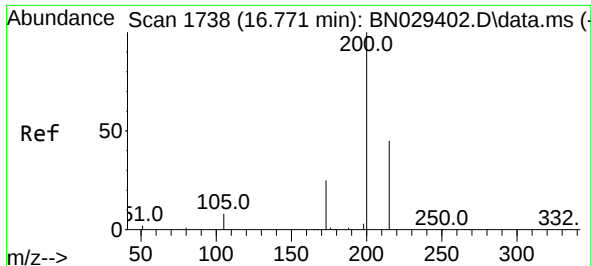


#22
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33



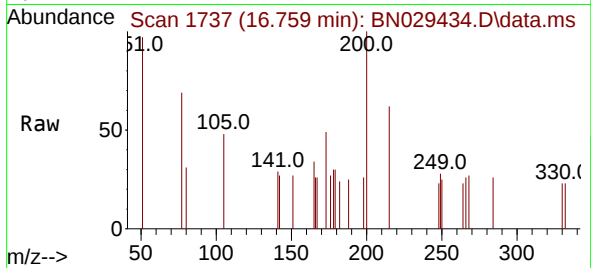
Tgt Ion:284 Resp: 593
Ion Ratio Lower Upper
284 100
142 53.5 39.4 59.2
249 33.7 26.9 40.3





#23
Atrazine
Concen: 0.090 ng
RT: 16.759 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

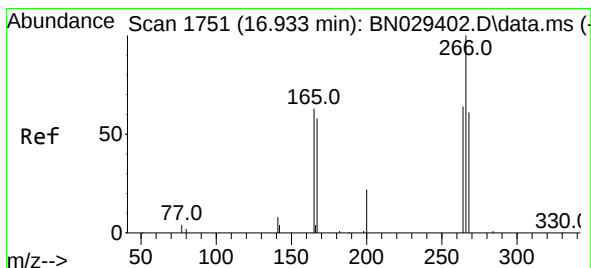
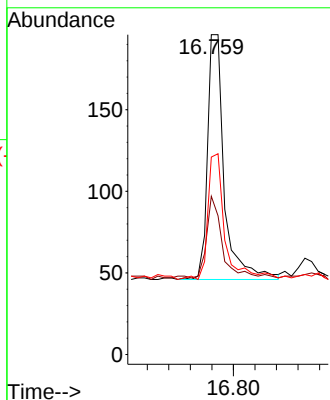
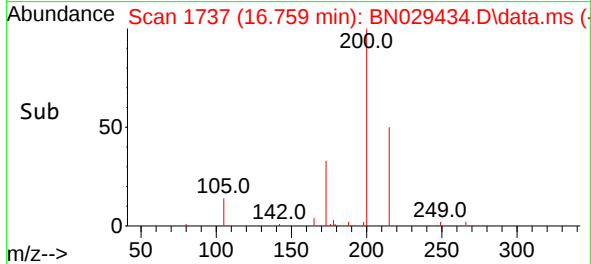
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



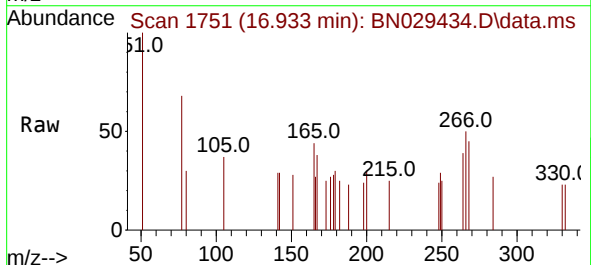
Tgt Ion:200 Resp: 32.0
Ion Ratio Lower Upper
200 100
173 49.5 23.4 35.0
215 61.7 38.4 57.6

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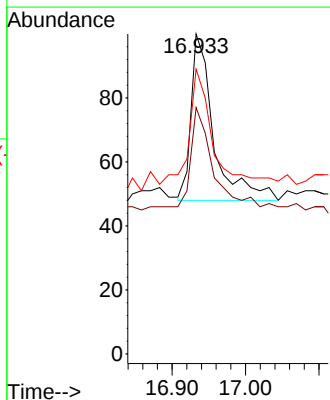
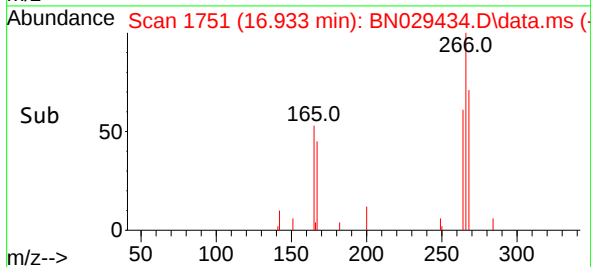
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

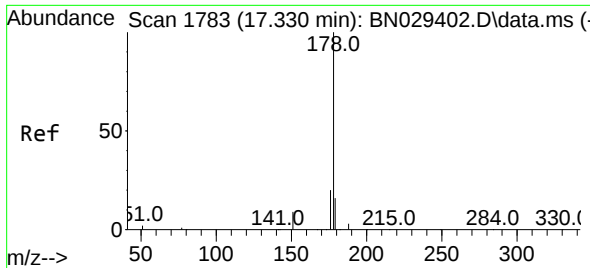


#24
Pentachlorophenol
Concen: 0.057 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33



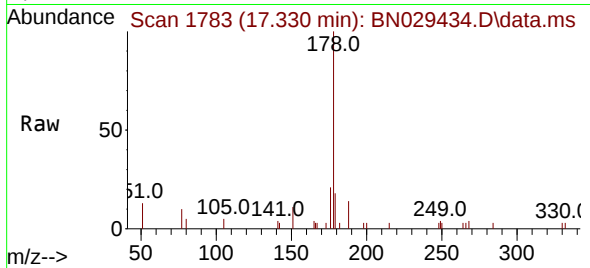
Tgt Ion:266 Resp: 112
Ion Ratio Lower Upper
266 100
264 67.0 50.8 76.2
268 96.4 51.5 77.3





#25
Phenanthrene
Concen: 0.099 ng
RT: 17.330 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

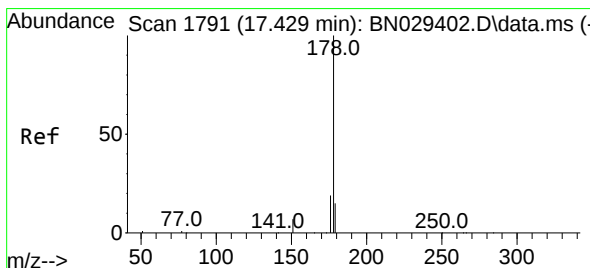
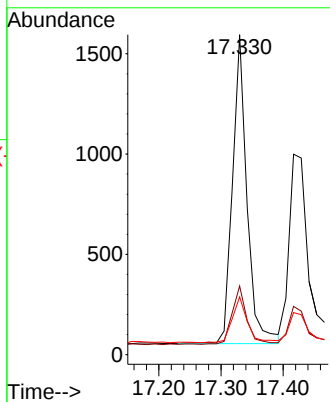
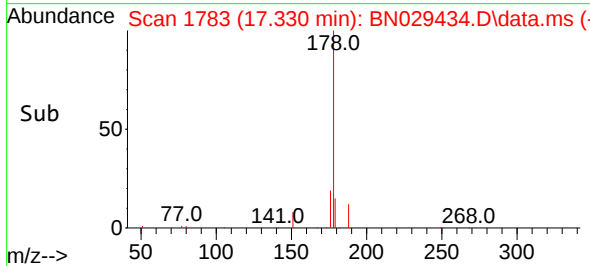
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



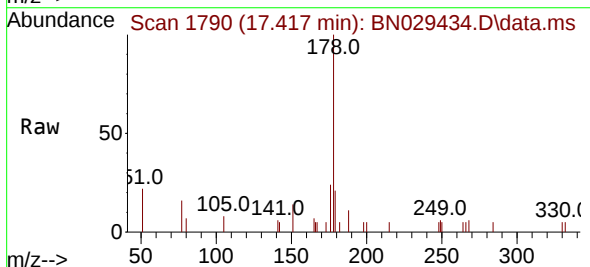
Tgt Ion:178 Resp: 2494
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 14.9 12.6 19.0

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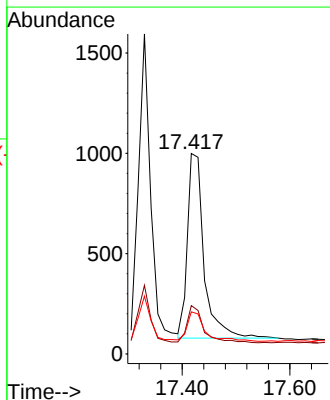
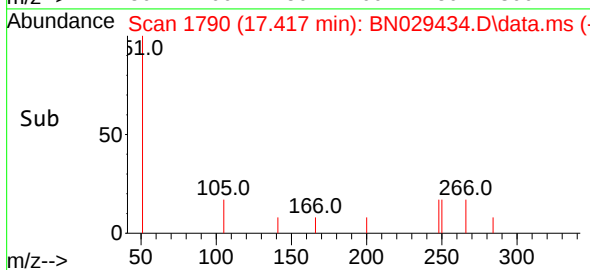
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

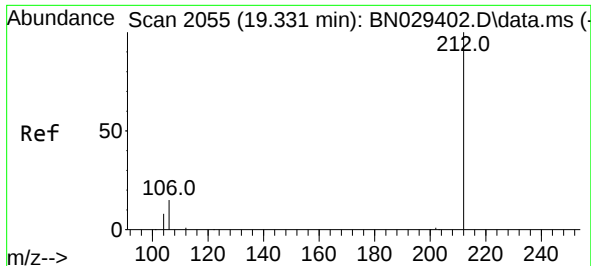


#26
Anthracene
Concen: 0.093 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33



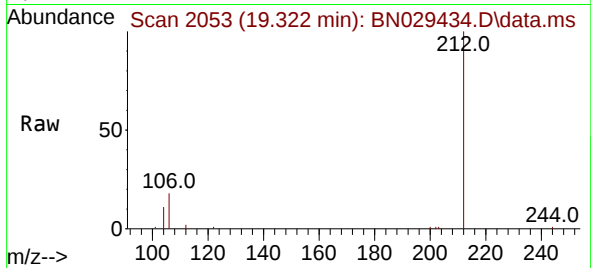
Tgt Ion:178 Resp: 1978
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.3 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.566 ng
RT: 19.322 min Scan# 2053
Delta R.T. -0.009 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

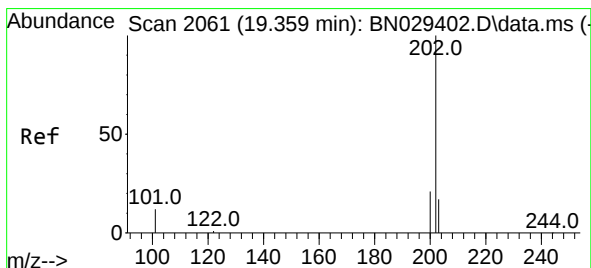
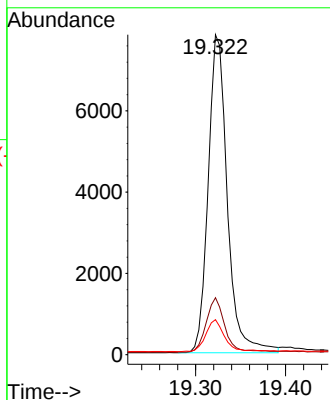
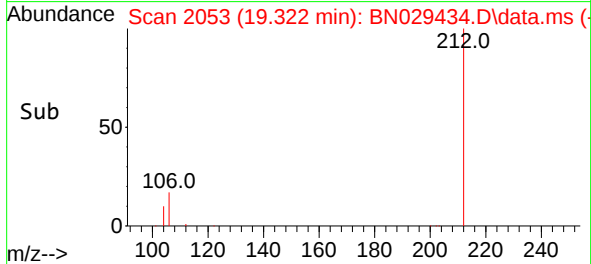
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:212 Resp: 1162
Ion Ratio Lower Upper
212 100
106 16.8 13.2 19.8
104 10.0 7.7 11.5

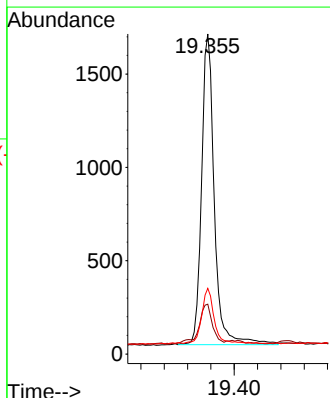
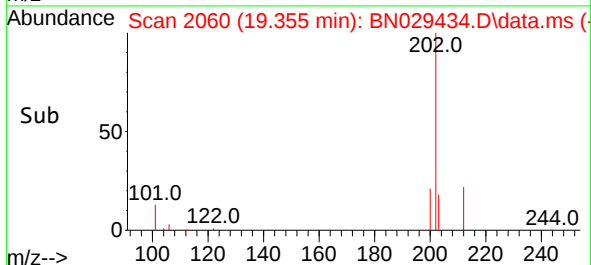
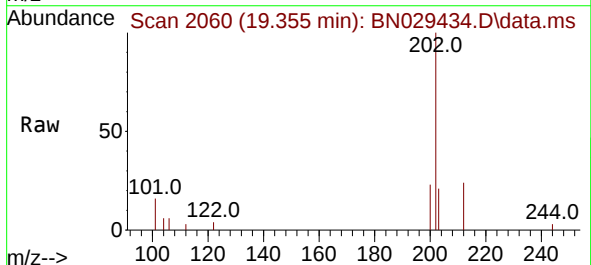
Manual Integrations
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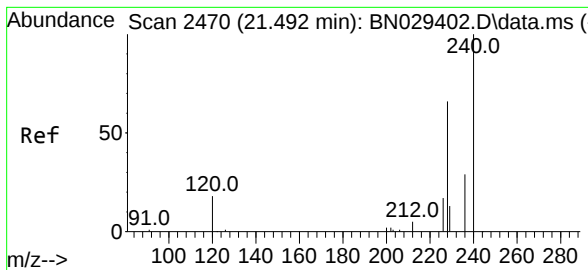
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#28
Fluoranthene
Concen: 0.090 ng
RT: 19.355 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

Tgt Ion:202 Resp: 2534
Ion Ratio Lower Upper
202 100
101 13.7 10.5 15.7
203 17.3 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: BN029434.D

Acq: 31 Jan 2024 04:33

Instrument :

BNA_N

ClientSampleId :

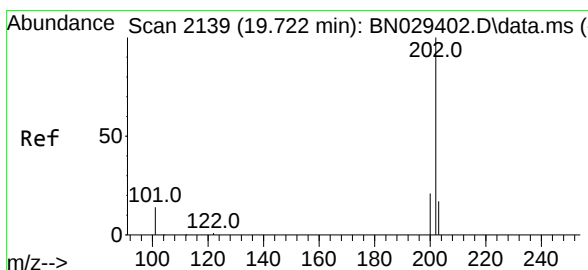
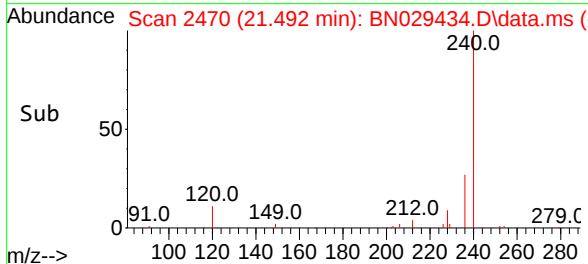
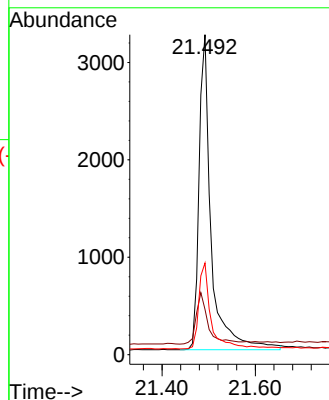
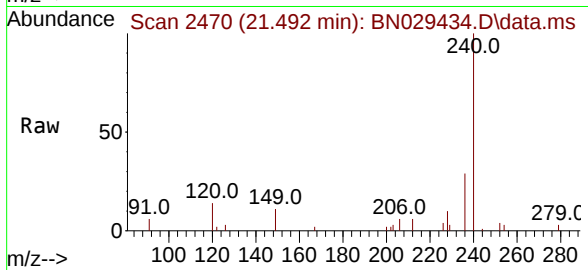
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:240	Resp:	5864
Ion Ratio	Lower	Upper
240	100	
120	14.2	16.7 25.1
236	28.6	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

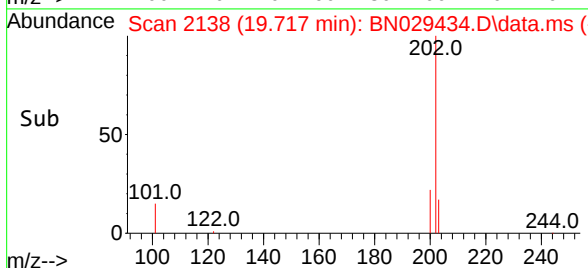
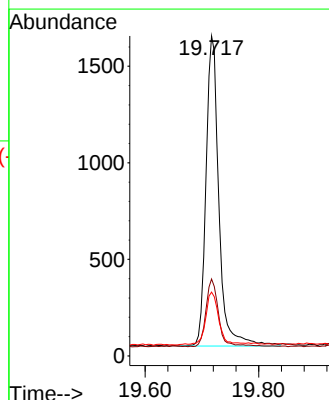
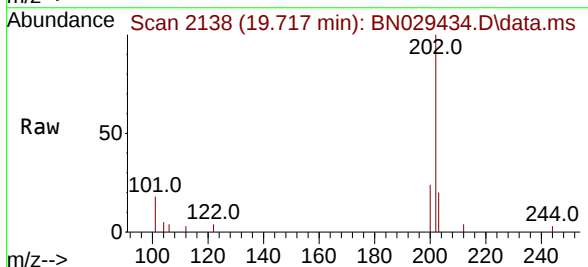
RT: 19.717 min Scan# 2138

Delta R.T. -0.005 min

Lab File: BN029434.D

Acq: 31 Jan 2024 04:33

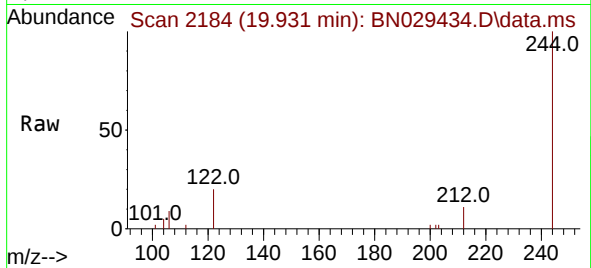
Tgt Ion:202	Resp:	2531
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.6 25.0
203	16.6	14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.333 ng
 RT: 19.931 min Scan# 2185
 Delta R.T. -0.005 min
 Lab File: BN029434.D
 Acq: 31 Jan 2024 04:33

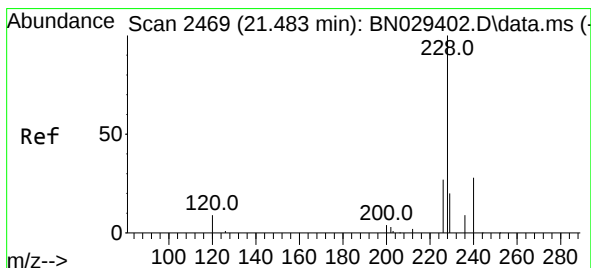
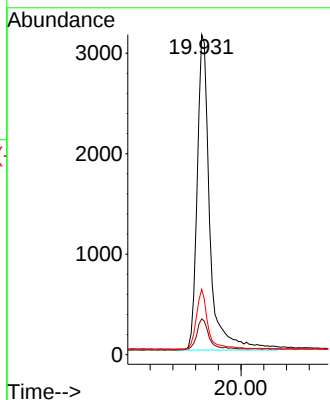
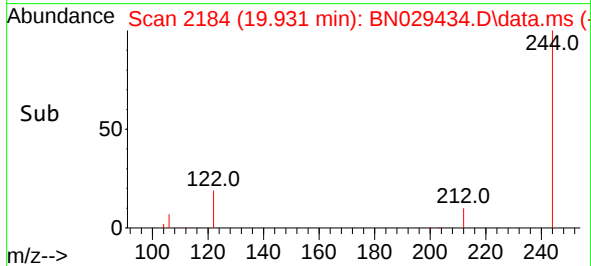
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:244 Resp: 4840
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.2 12.4
 122 20.4 15.6 23.4

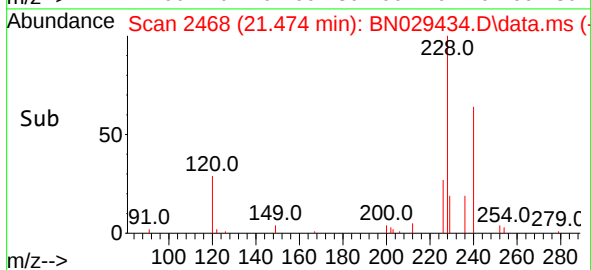
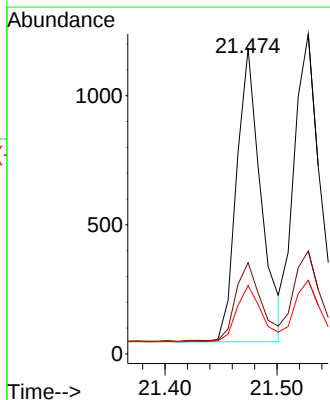
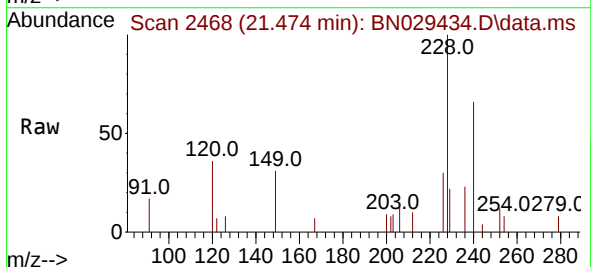
Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024



#32
 Benzo(a)anthracene
 Concen: 0.086 ng
 RT: 21.474 min Scan# 2468
 Delta R.T. -0.009 min
 Lab File: BN029434.D
 Acq: 31 Jan 2024 04:33

Tgt Ion:228 Resp: 1719
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.2 33.4
 229 22.4 16.5 24.7





#33

Chrysene

Concen: 0.090 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029434.D

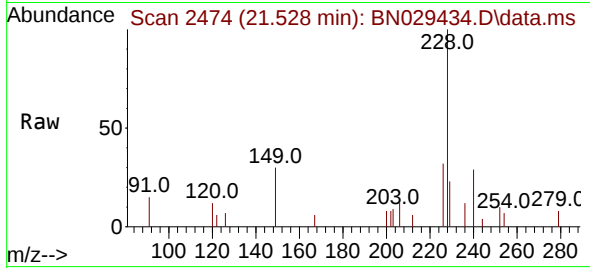
Acq: 31 Jan 2024 04:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

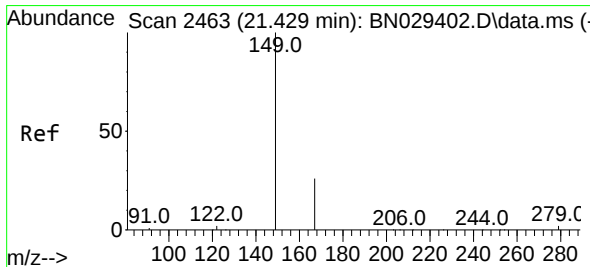
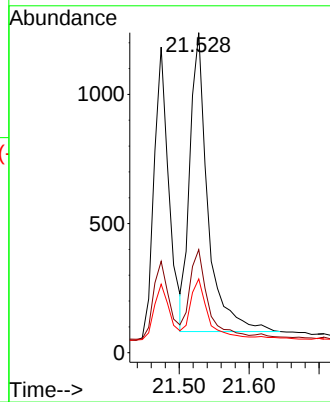
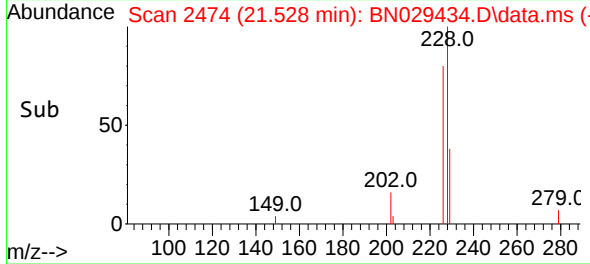


Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	23.1	15.9	23.9

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#34

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

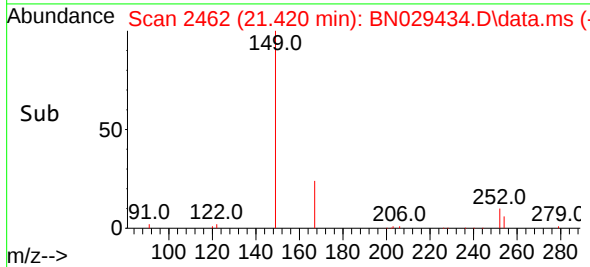
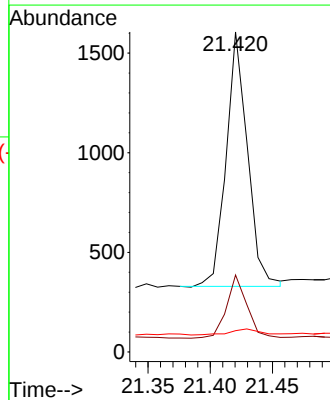
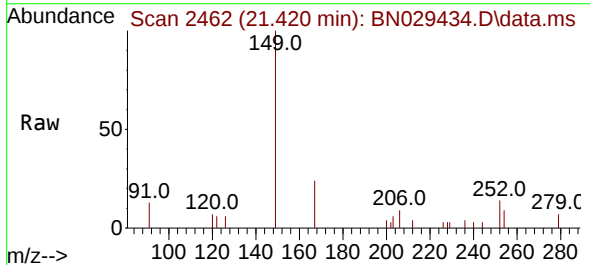
RT: 21.420 min Scan# 2462

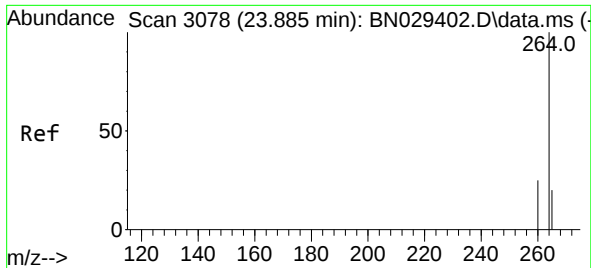
Delta R.T. -0.009 min

Lab File: BN029434.D

Acq: 31 Jan 2024 04:33

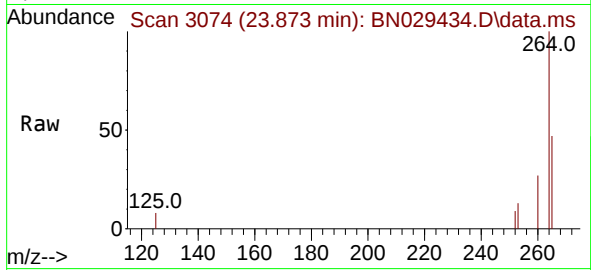
Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.9	20.1	30.1
279	3.4	2.5	3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.873 min Scan# 3078
 Delta R.T. -0.012 min
 Lab File: BN029434.D
 Acq: 31 Jan 2024 04:33

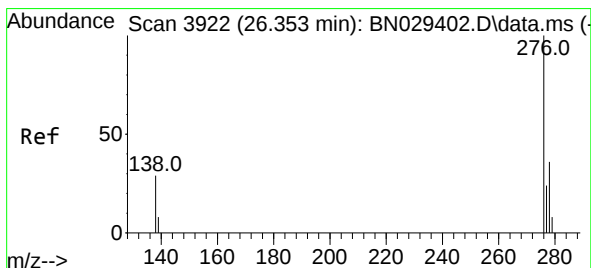
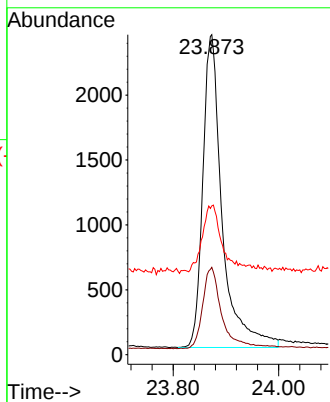
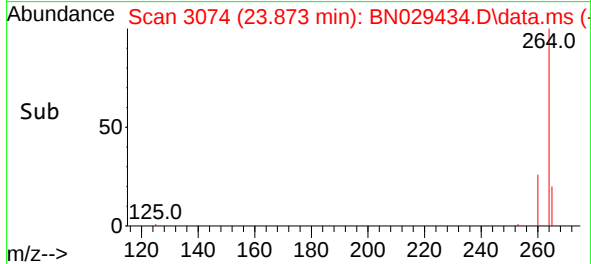
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:264 Resp: 6144
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.2 31.8
 265 46.5 41.5 62.3

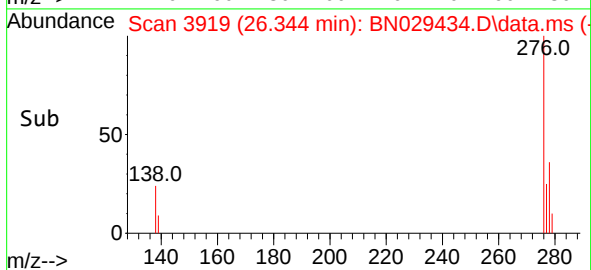
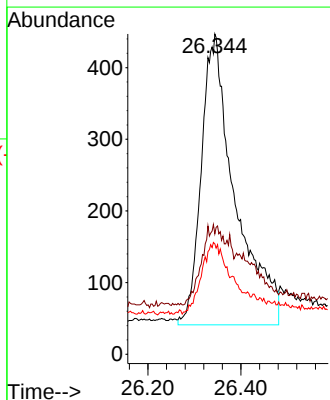
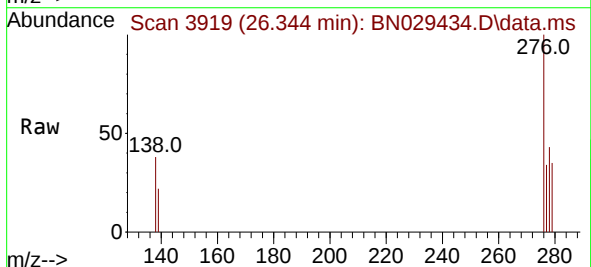
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#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.083 ng m
 RT: 26.344 min Scan# 3919
 Delta R.T. -0.009 min
 Lab File: BN029434.D
 Acq: 31 Jan 2024 04:33

Tgt Ion:276 Resp: 2049
 Ion Ratio Lower Upper
 276 100
 138 7.2 20.5 30.7#
 277 21.7 17.0 25.4





#37

Benzo(b)fluoranthene

Concen: 0.078 ng

RT: 23.151 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BN029434.D

Acq: 31 Jan 2024 04:33

Instrument :

BN029434.D

ClientSampleId :

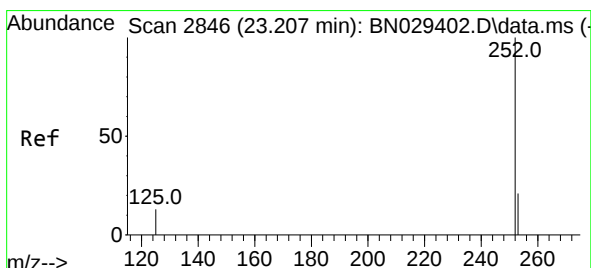
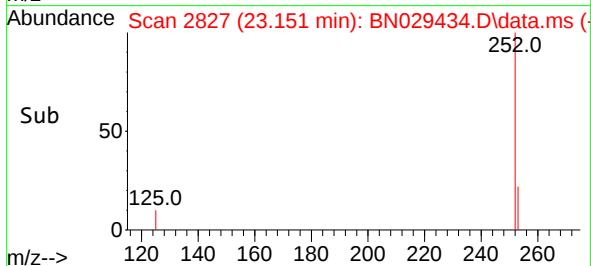
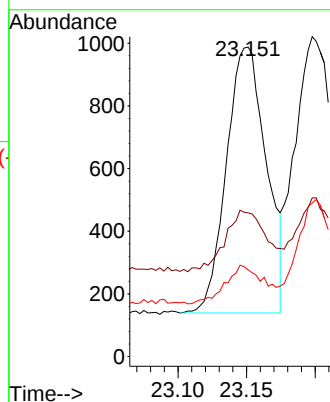
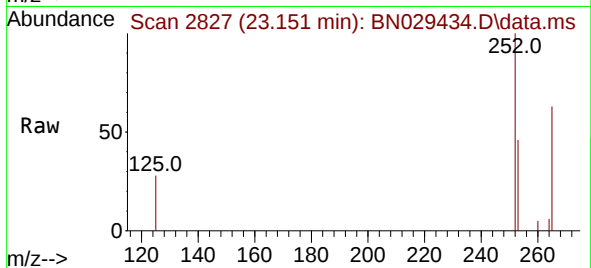
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:252	Resp:	171
Ion Ratio	Lower	Upper
252	100	
253	46.5	21.7 32.5
125	28.0	13.3 19.9

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Supervised By :Sohil Jodhani 02/02/2024



#38

Benzo(k)fluoranthene

Concen: 0.077 ng

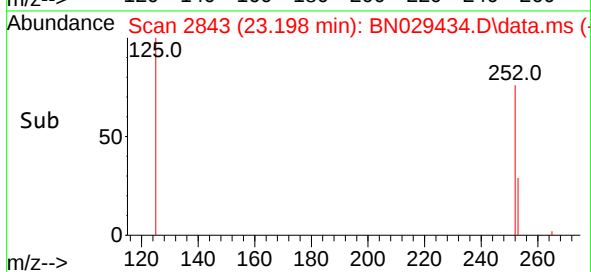
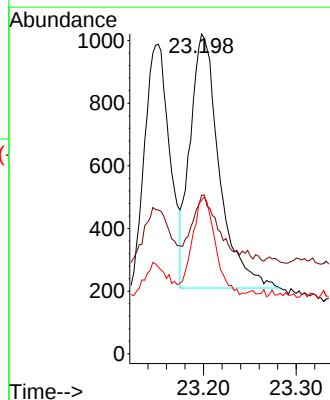
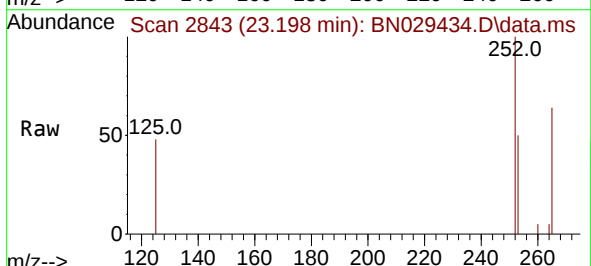
RT: 23.198 min Scan# 2843

Delta R.T. -0.009 min

Lab File: BN029434.D

Acq: 31 Jan 2024 04:33

Tgt Ion:252	Resp:	1781
Ion Ratio	Lower	Upper
252	100	
253	49.6	21.8 32.8
125	48.0	13.9 20.9





#39

Benzo(a)pyrene

Concen: 0.084 ng m

RT: 23.768 min Scan# 3041

Delta R.T. -0.009 min

Lab File: BN029434.D

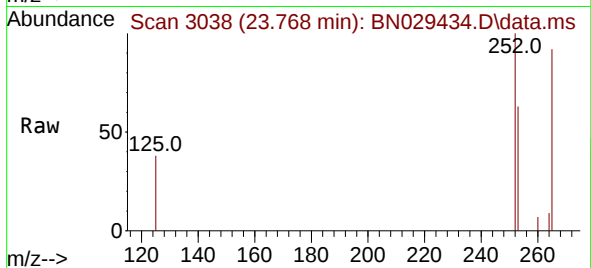
Acq: 31 Jan 2024 04:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

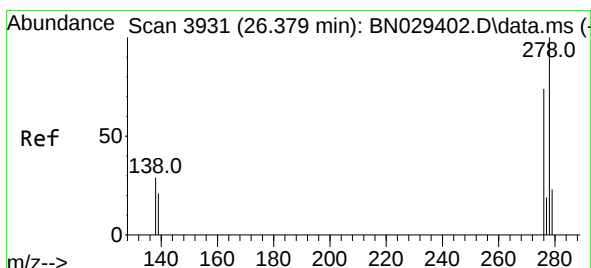
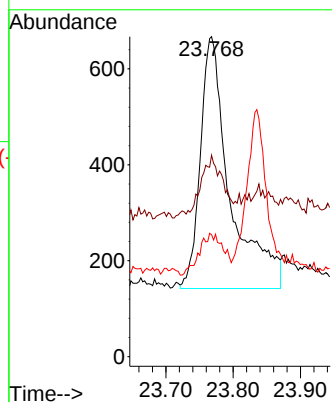


Tgt Ion:	252	Resp:	1600
Ion Ratio	Lower	Upper	
252	100		
253	63.0	24.9	37.3
125	38.1	16.6	25.0

Manual Integrations

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Supervised By :Sohil Jodhani 02/02/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.080 ng m

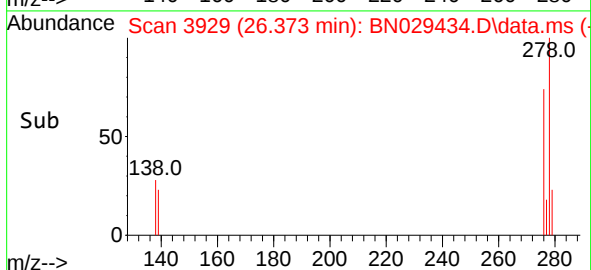
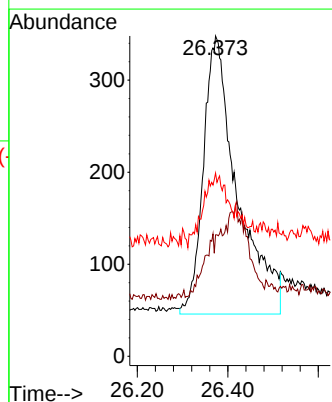
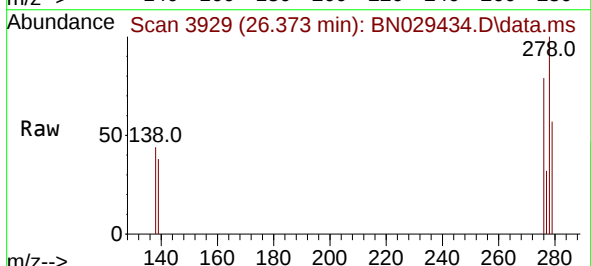
RT: 26.373 min Scan# 3929

Delta R.T. -0.006 min

Lab File: BN029434.D

Acq: 31 Jan 2024 04:33

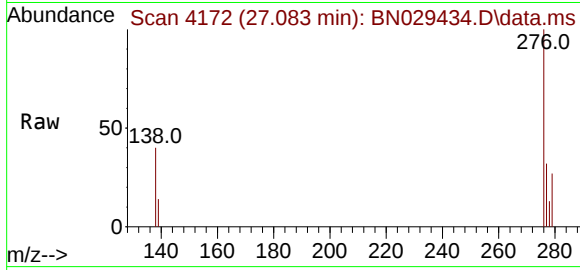
Tgt Ion:	278	Resp:	1577
Ion Ratio	Lower	Upper	
278	100		
139	37.9	20.4	30.6
279	57.2	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.081 ng m
RT: 27.083 min Scan# 41
Delta R.T. -0.020 min
Lab File: BN029434.D
Acq: 31 Jan 2024 04:33

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 276 Resp: 1930

Ion	Ratio	Lower	Upper
276	100		
277	32.4	19.4	29.2
138	39.6	23.5	35.3

Manual Integrations
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Supervised By :Sohil Jodhani 02/02/2024

