

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010623\
 Data File : BN023574.D
 Acq On : 06 Jan 2023 12:53
 Operator : CG/JU
 Sample : N5388-04
 Misc : SFAM-MDL-S-02-4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2022-08

Quant Time: Jan 06 13:44:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 03:34:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	198733	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	900863	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	585112	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1279273	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1264200	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1256018	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	18368	3.977	ng/uL	0.00
4) Pyridine-d5	3.728	84	154026	11.116	ng/u1	0.00
7) Phenol-d5	7.105	99	277071	15.731	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	178416	16.512	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	227266	16.848	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	224361	15.959	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	109475	16.115	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	118158	16.431	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	218929	15.961	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	333809	15.472	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	701526	16.118	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	788116	16.342	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	127531	14.393	ng/u1	0.00
60) Fluorene-d10	15.592	176	611382	16.439	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	107037	13.870	ng/u1	0.00
73) Anthracene-d10	17.445	188	968122	16.912	ng/u1	0.00
81) Pyrene-d10	19.745	212	1157970	16.016	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	1033921	16.646	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	5813	1.192	ng/uL#	85
5) Pyridine	3.752	79	45639	3.218	ng/u1#	86
6) Benzaldehyde	7.081	77	32294	4.734	ng/u1	99
8) Phenol	7.128	94	73515	4.100	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.363	93	61489	4.340	ng/u1	99
12) 2-Chlorophenol	7.505	128	58497	4.196	ng/u1	98
13) 2-Methylphenol	8.393	108	52750	3.910	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	82821	4.371	ng/u1	98
16) Acetophenone	8.775	105	92301	4.248	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.757	70	44516	4.069	ng/u1	99
18) 4-Methylphenol	8.722	108	61440	4.135	ng/u1	97
19) Hexachloroethane	9.028	117	23700	4.251	ng/u1	98
22) Nitrobenzene	9.157	77	71436	4.202	ng/u1	99
23) Isophorone	9.687	82	115434	3.754	ng/u1	100
25) 2-Nitrophenol	9.875	139	32603	4.079	ng/u1	99
26) 2,4-Dimethylphenol	9.934	107	62649	3.862	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.175	93	83455	4.184	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	57374	4.180	ng/u1	98
30) Naphthalene	10.810	128	207923	4.293	ng/u1	99
32) 4-Chloroaniline	10.928	127	87700	4.059	ng/u1	98
33) Hexachlorobutadiene	11.099	225	36757	4.330	ng/u1	99
34) Caprolactam	11.716	113	16251m	3.525	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	57432	3.838	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	139060	4.308	ng/u1	96

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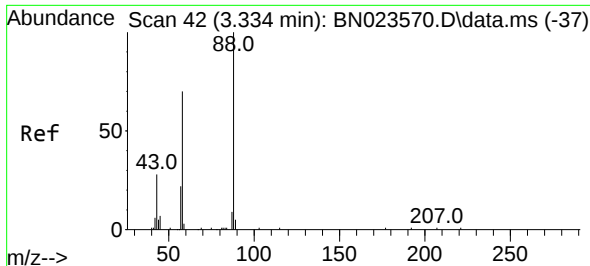
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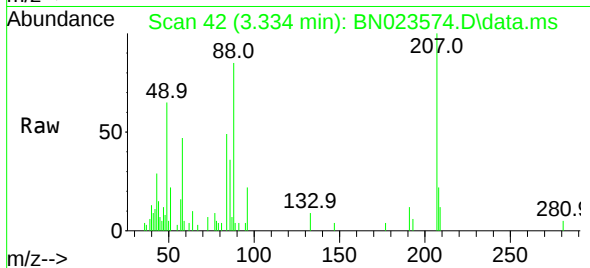
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	109174	3.310	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.793	216	74622	4.312	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	30928	2.836	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	41130	3.606	ng/ul	90
42) 2,4,5-Trichlorophenol	13.104	196	46369	3.717	ng/ul	88
43) 1,1'-Biphenyl	13.434	154	190627	4.223	ng/ul	96
44) 2-Chloronaphthalene	13.475	162	145011	4.141	ng/ul	98
45) 2-Nitroaniline	13.681	65	32163	3.330	ng/ul	94
47) Dimethylphthalate	14.057	163	179340	4.100	ng/ul	99
48) 2,6-Dinitrotoluene	14.181	165	27619	3.340	ng/ul	99
50) Acenaphthylene	14.322	152	227496	4.242	ng/ul	99
51) 3-Nitroaniline	14.504	138	30923	3.732	ng/ul	99
52) Acenaphthene	14.663	153	156734	4.146	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	23798	4.404	ng/ul	90
55) 4-Nitrophenol	14.810	109	27476	3.840	ng/ul	98
56) Dibenzofuran	14.998	168	225314	4.282	ng/ul	100
57) 2,4-Dinitrotoluene	14.963	165	43648	3.616	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.222	232	40118	3.753	ng/ul	96
59) Diethylphthalate	15.422	149	172002	3.926	ng/ul	99
61) Fluorene	15.645	166	180450	4.235	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.639	204	91199	4.396	ng/ul	95
63) 4-Nitroaniline	15.669	138	30766m	4.033	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.728	198	34564	4.538	ng/ul#	93
67) N-Nitrosodiphenylamine	15.857	169	151640	4.224	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	52093	4.063	ng/ul	98
69) Hexachlorobenzene	16.651	284	63667	4.237	ng/ul	97
70) Atrazine	16.810	200	72440	5.391	ng/ul	98
71) Pentachlorophenol	16.998	266	39178	4.085	ng/ul	92
72) Phenanthrene	17.392	178	289470	4.223	ng/ul	97
74) Anthracene	17.481	178	284211	4.166	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	56838	3.300	ng/uL	94
76) Pentachlorobenzene	14.916	250	57241	3.318	ng/uL	98
77) Carbazole	17.751	167	247199	3.991	ng/ul	98
78) Di-n-butylphthalate	18.316	149	274765	3.736	ng/ul	99
80) Fluoranthene	19.404	202	335164	3.963	ng/ul	100
82) Pyrene	19.769	202	360922	4.041	ng/ul	99
83) Butylbenzylphthalate	20.669	149	113592	3.212	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.457	252	118017	4.273	ng/ul	97
85) Benzo(a)anthracene	21.522	228	343798	4.015	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	169636	3.304	ng/ul	98
87) Chrysene	21.574	228	331151	4.124	ng/ul	98
89) Di-n-octyl phthalate	22.380	149	266316	3.072	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	341425	4.267	ng/ul	97
91) Benzo(k)fluoranthene	23.263	252	323088	4.083	ng/ul	98
93) Benzo(a)pyrene	23.857	252	300189	4.326	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.492	276	359293	4.190	ng/ul	98
95) Dibenzo(a,h)anthracene	26.509	278	300051	4.232	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	275454	4.033	ng/ul	97

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



#2
1,4-Dioxane
Concen: 1.192 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

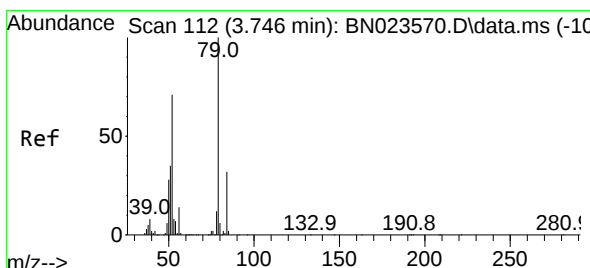
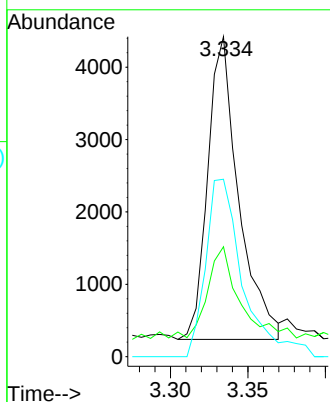
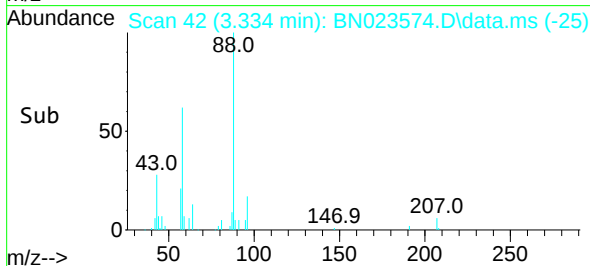
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



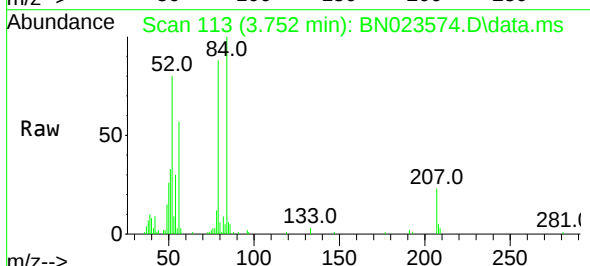
Tgt Ion: 88 Resp: 581
Ion Ratio Lower Upper
88 100
43 34.3 24.6 36.8
58 55.5 56.2 84.4

Manual Integrations
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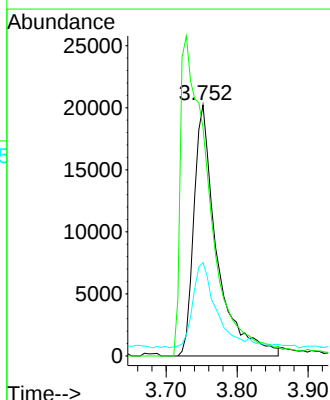
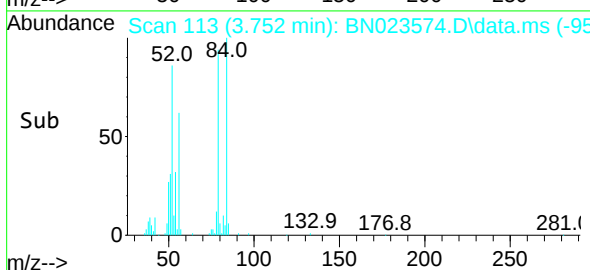
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

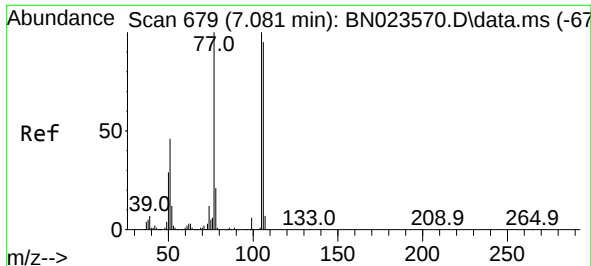


#5
Pyridine
Concen: 3.218 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



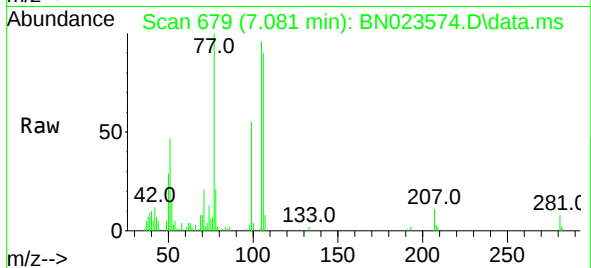
Tgt Ion: 79 Resp: 45639
Ion Ratio Lower Upper
79 100
52 91.1 59.9 89.9#
51 37.2 28.6 42.8





#6
Benzaldehyde
Concen: 4.734 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

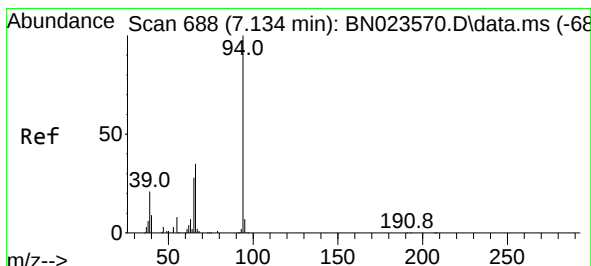
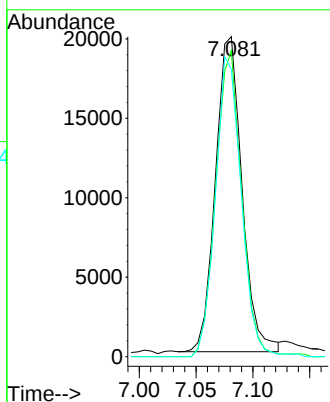
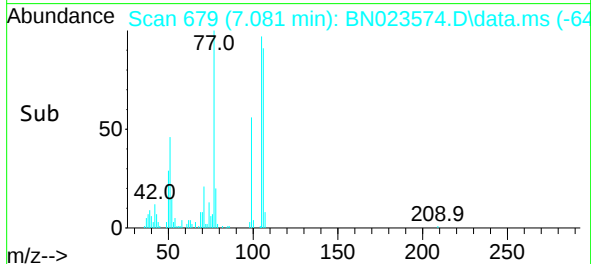
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



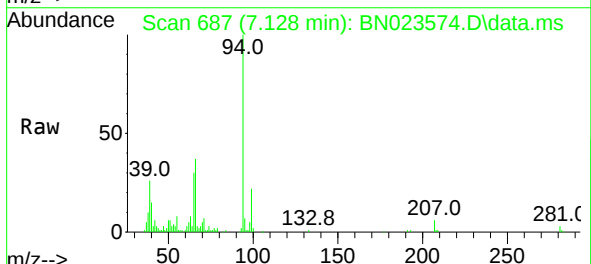
Tgt Ion: 77 Resp: 32294
Ion Ratio Lower Upper
77 100
105 95.6 75.1 112.7
106 89.9 72.8 109.2

Manual Integrations
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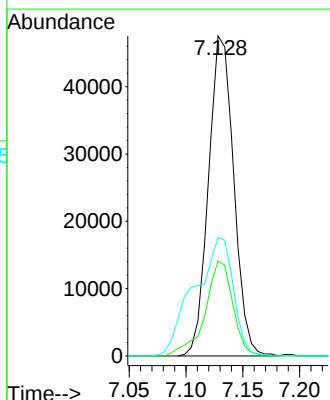
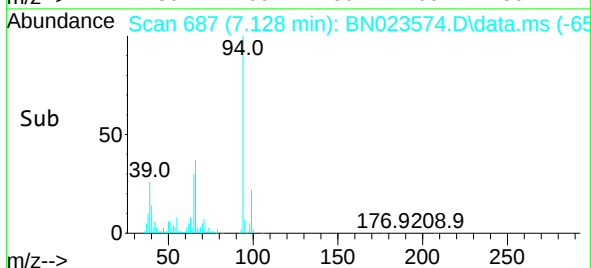
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

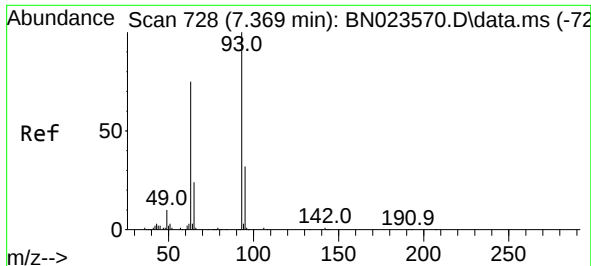


#8
Phenol
Concen: 4.100 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.012 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



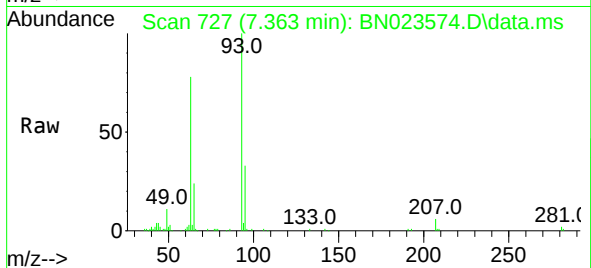
Tgt Ion: 94 Resp: 73515
Ion Ratio Lower Upper
94 100
65 29.7 23.7 35.5
66 36.9 29.9 44.9





#10
Bis(2-Chloroethyl)ether
Concen: 4.340 ng/ul
RT: 7.363 min Scan# 728
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

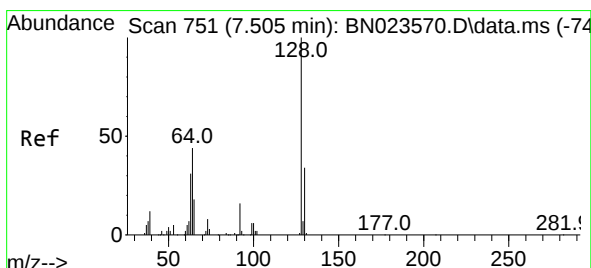
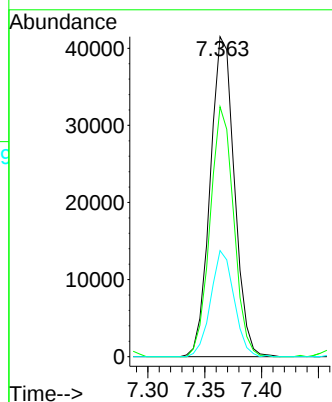
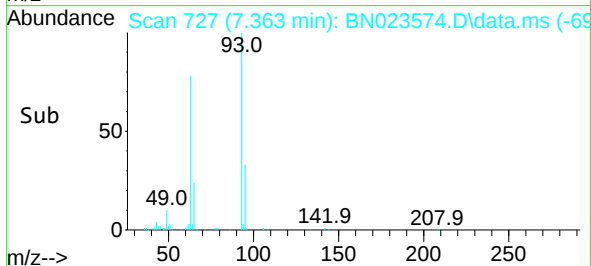
Instrument :
BNA_N
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MDL-SOIL-QT4-2022-08



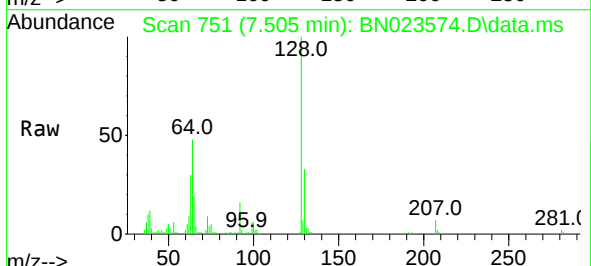
Tgt Ion: 93 Resp: 61489
Ion Ratio Lower Upper
93 100
63 78.1 61.2 91.8
95 33.2 26.6 40.0

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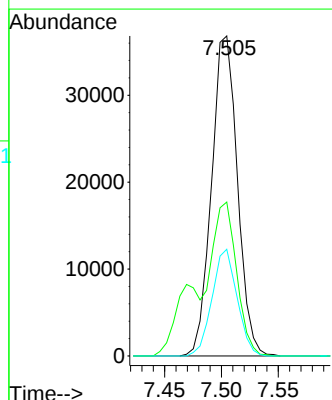
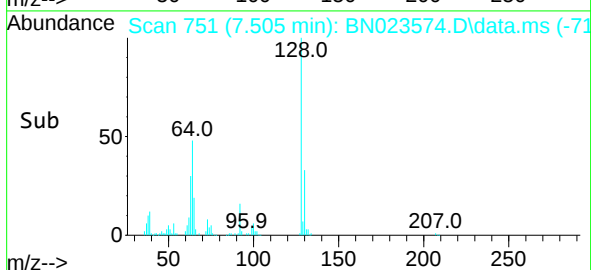
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Supervised By :mohammad ahmed 01/09/2023

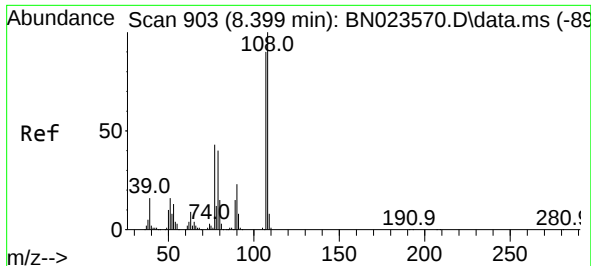


#12
2-Chlorophenol
Concen: 4.196 ng/ul
RT: 7.505 min Scan# 751
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



Tgt Ion:128 Resp: 58497
Ion Ratio Lower Upper
128 100
64 48.1 37.4 56.2
130 33.4 25.6 38.4





#13

2-Methylphenol

Concen: 3.910 ng/ul

RT: 8.393 min Scan# 903

Delta R.T. -0.006 min

Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT4-2022-08

Tgt Ion:108 Resp: 52750

Ion Ratio Lower Upper

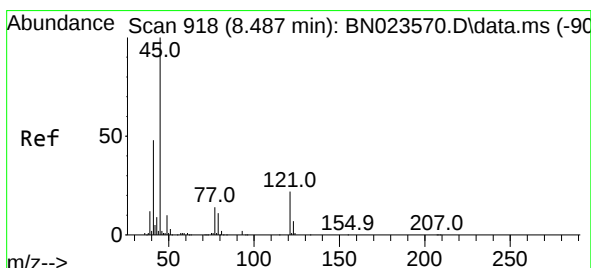
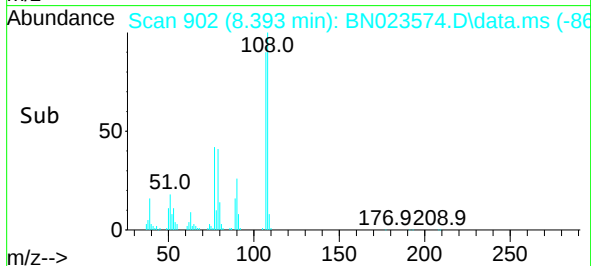
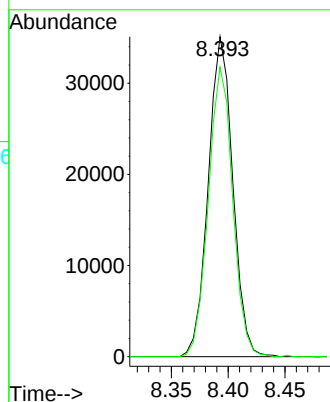
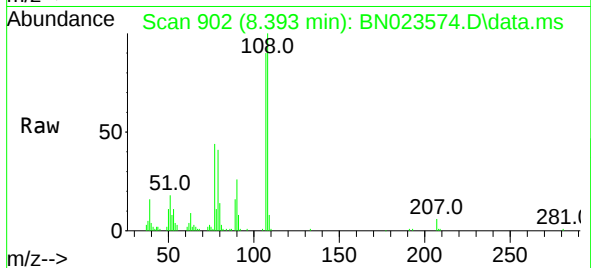
108 100

107 90.4 72.3 108.5

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.371 ng/ul

RT: 8.481 min Scan# 917

Delta R.T. -0.006 min

Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

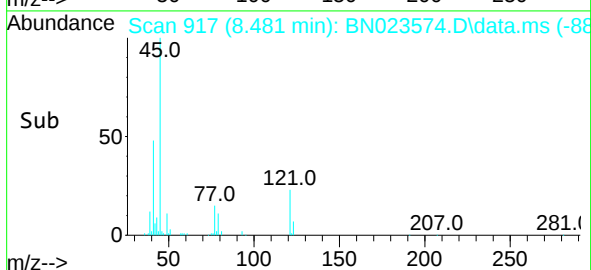
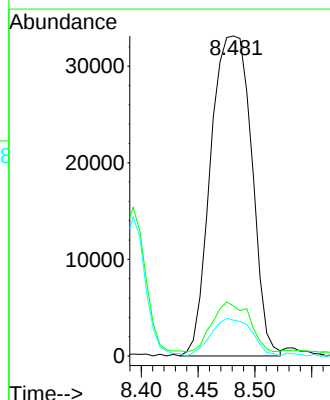
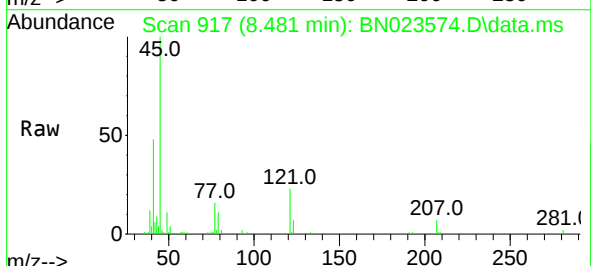
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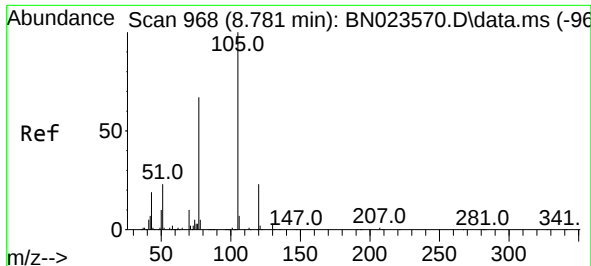
Ion Ratio Lower Upper

45 100

77 15.6 11.4 17.2

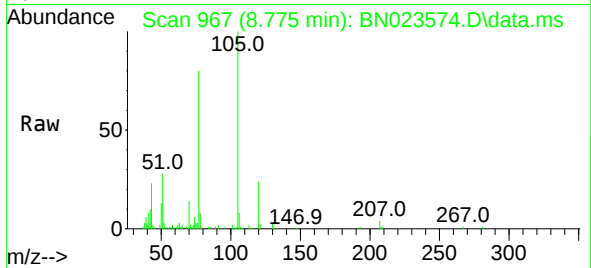
79 11.2 8.8 13.2





#16
Acetophenone
Concen: 4.248 ng/ul
RT: 8.775 min Scan# 90
Delta R.T. -0.006 min
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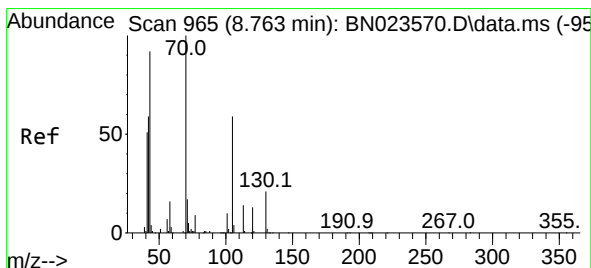
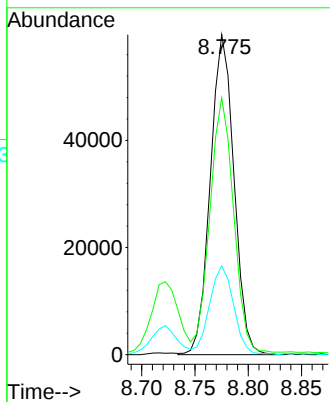
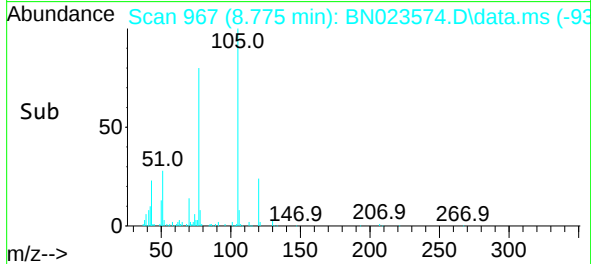
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion: 105 Resp: 9230
Ion Ratio Lower Upper
105 100
77 80.2 64.2 96.2
51 27.8 22.0 33.0

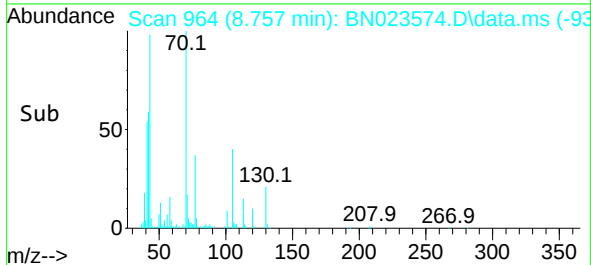
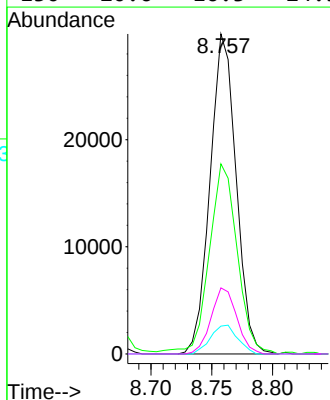
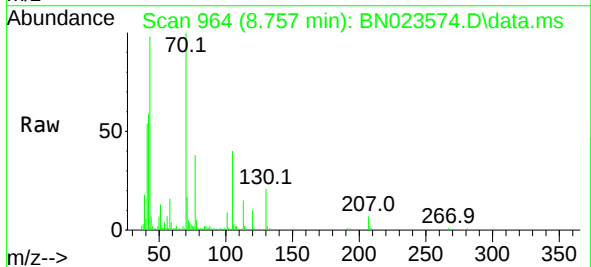
Manual Integrations
APPROVED

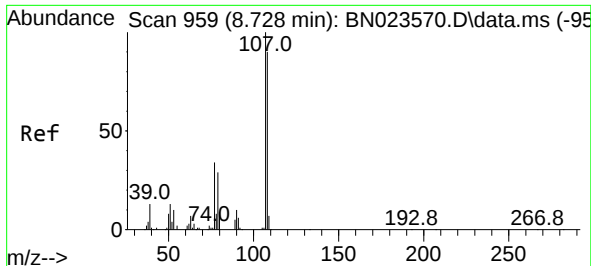
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.069 ng/ul
RT: 8.757 min Scan# 964
Delta R.T. -0.012 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

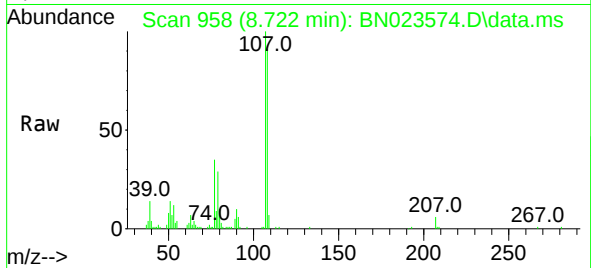
Tgt Ion: 70 Resp: 44516
Ion Ratio Lower Upper
70 100
42 59.4 47.8 71.6
101 8.7 7.8 11.6
130 20.6 16.3 24.5





#18
4-Methylphenol
Concen: 4.135 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

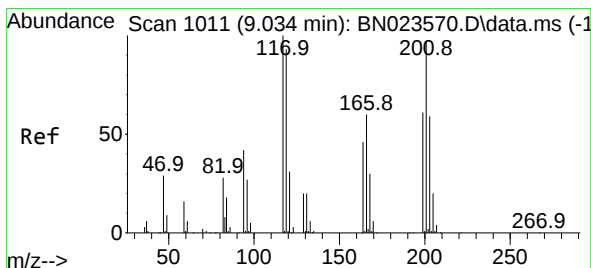
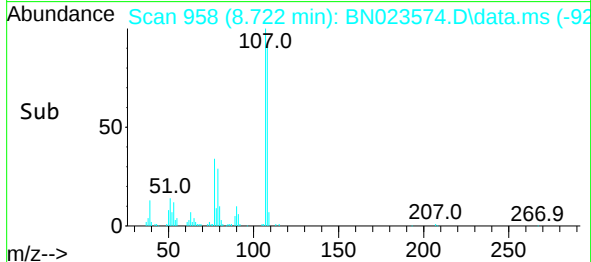
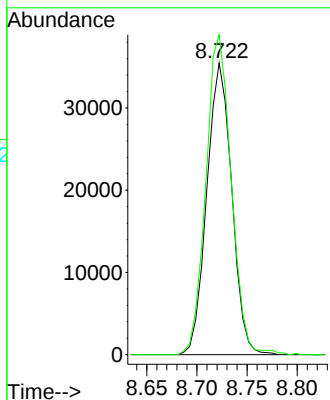
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:108 Resp: 61440
Ion Ratio Lower Upper
108 100
107 109.6 90.7 136.1

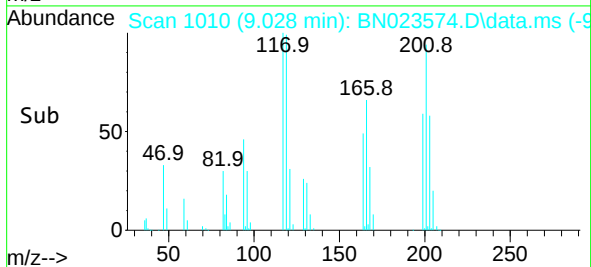
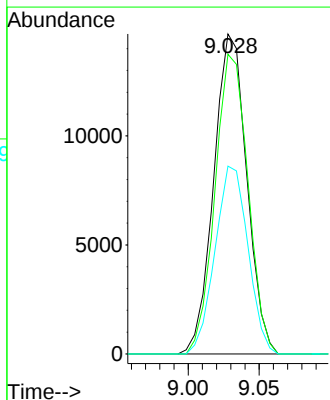
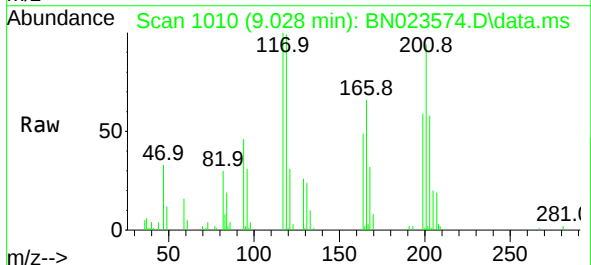
Manual Integrations
APPROVED

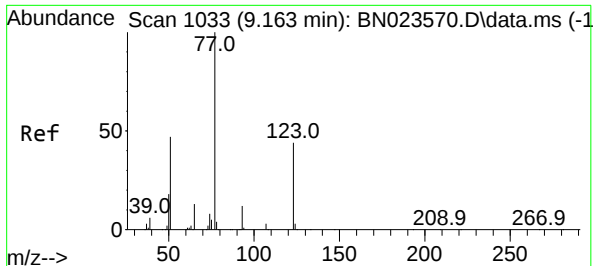
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#19
Hexachloroethane
Concen: 4.251 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

Tgt Ion:117 Resp: 23700
Ion Ratio Lower Upper
117 100
201 95.5 76.9 115.3
199 58.7 44.6 67.0





#22

Nitrobenzene

Concen: 4.202 ng/ul

RT: 9.157 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT4-2022-08

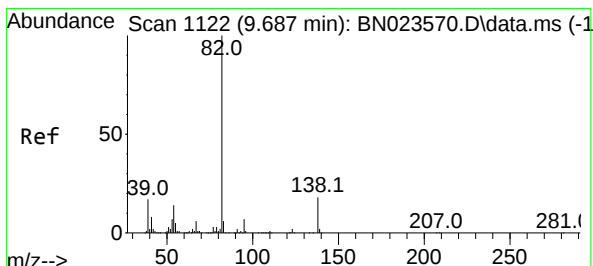
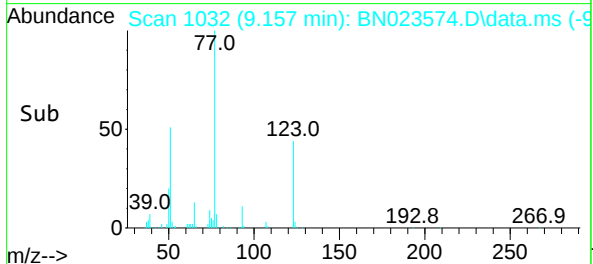
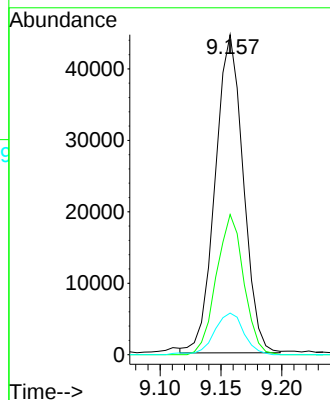
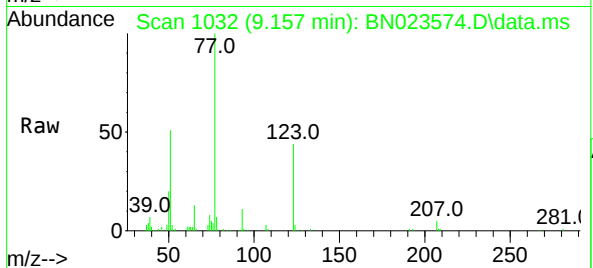
Tgt Ion: 77 Resp: 71436

Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.6	53.4
65	13.0	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#23

Isophorone

Concen: 3.754 ng/ul

RT: 9.687 min Scan# 1122

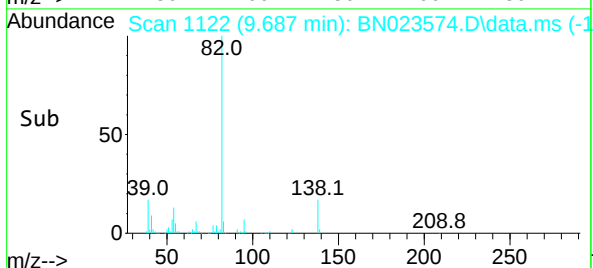
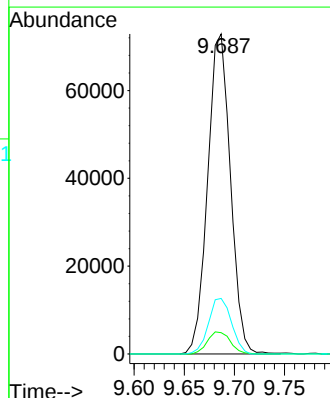
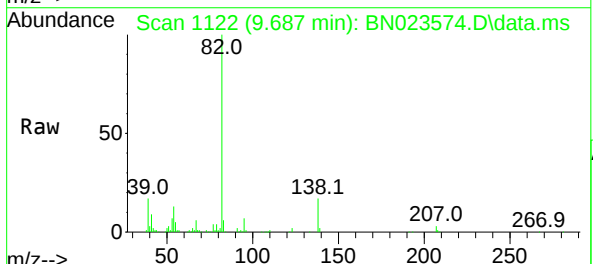
Delta R.T. -0.006 min

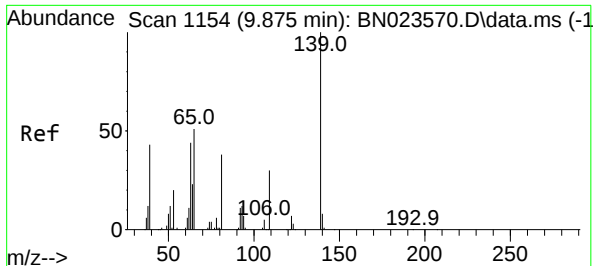
Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

Tgt Ion: 82 Resp: 115434

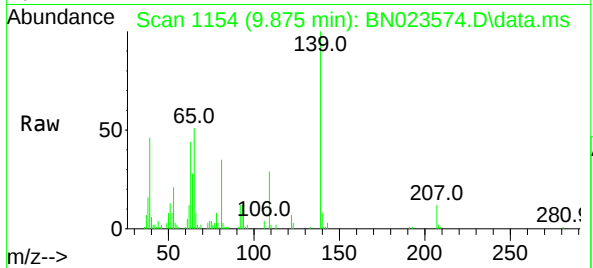
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.3	13.8	20.8





#25
2-Nitrophenol
Concen: 4.079 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

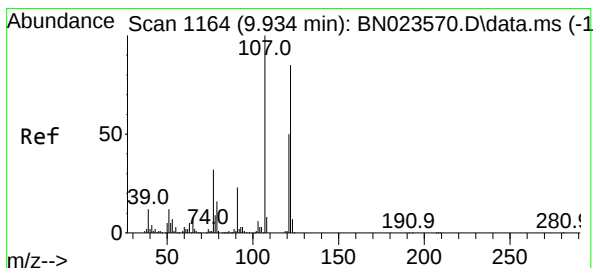
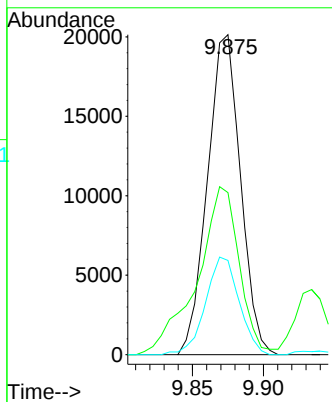
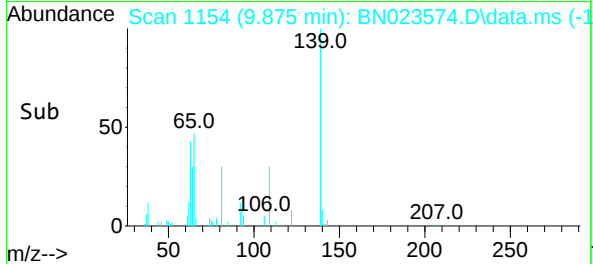
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



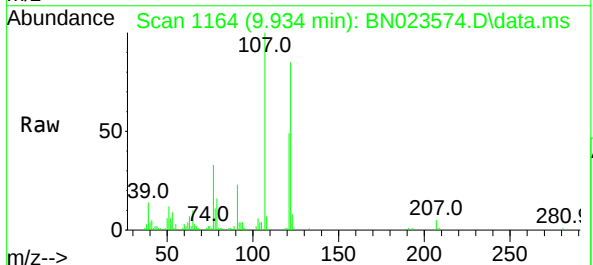
Tgt Ion:139 Resp: 3260
Ion Ratio Lower Upper
139 100
65 50.7 40.3 60.5
109 29.5 24.6 37.0

Manual Integrations
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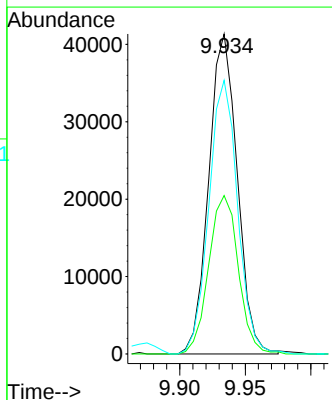
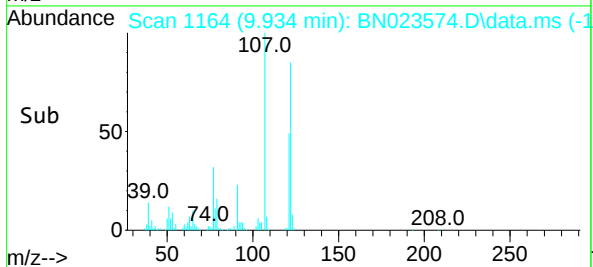
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

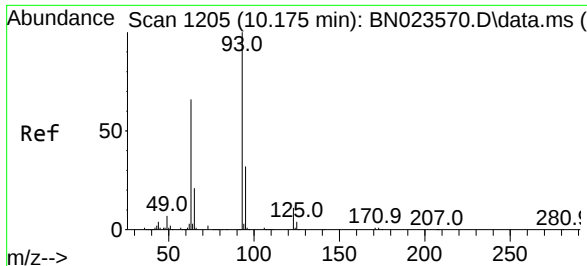


#26
2,4-Dimethylphenol
Concen: 3.862 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



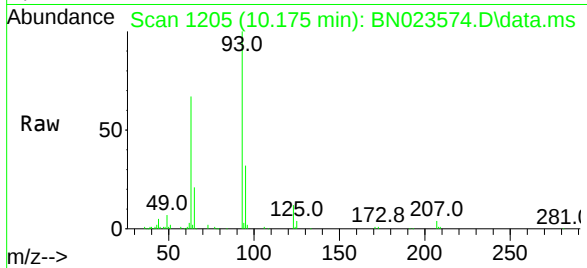
Tgt Ion:107 Resp: 62649
Ion Ratio Lower Upper
107 100
121 49.5 40.4 60.6
122 85.5 67.0 100.4





#27
Bis(2-Chloroethoxy)methane
Concen: 4.184 ng/ul
RT: 10.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

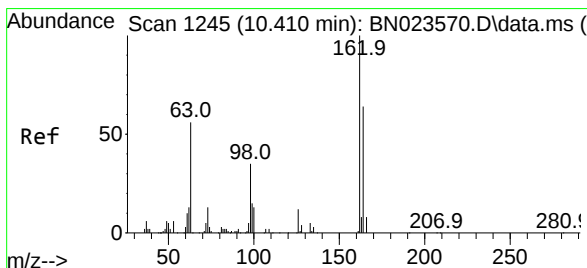
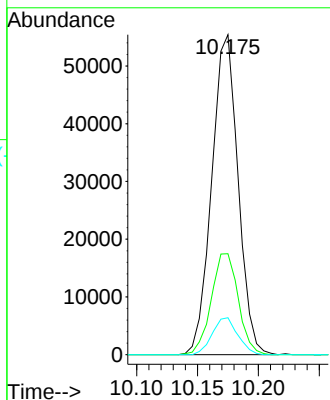
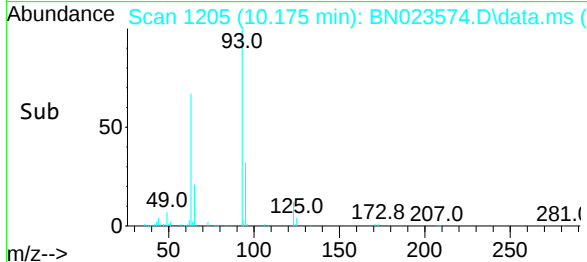
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion: 93 Resp: 8345
Ion Ratio Lower Upper
93 100
95 31.6 25.5 38.3
123 11.5 9.4 14.2

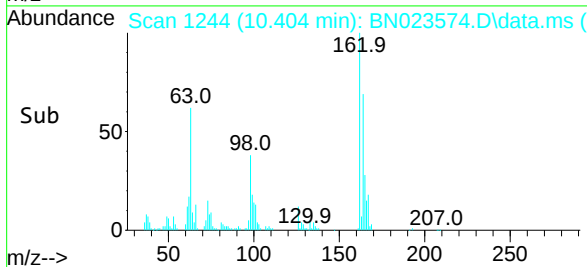
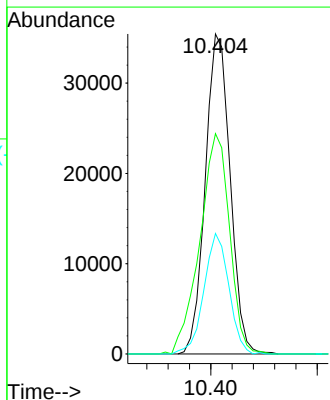
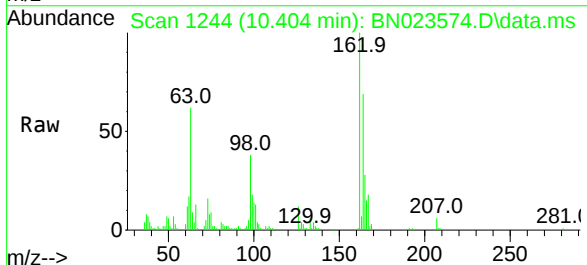
Manual Integrations
APPROVED

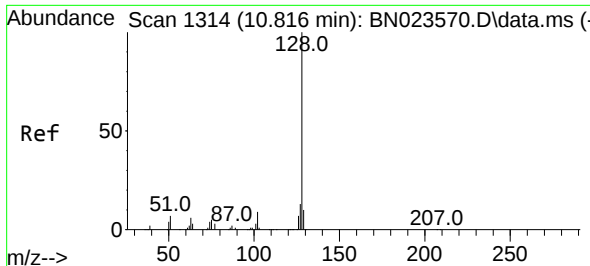
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#29
2,4-Dichlorophenol
Concen: 4.180 ng/ul
RT: 10.404 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

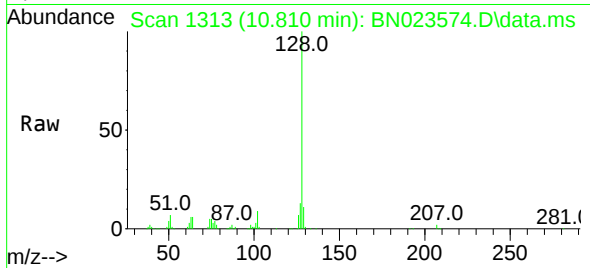
Tgt Ion:162 Resp: 57374
Ion Ratio Lower Upper
162 100
164 68.8 53.8 80.6
98 37.7 28.8 43.2





#30
Naphthalene
Concen: 4.293 ng/ul
RT: 10.810 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

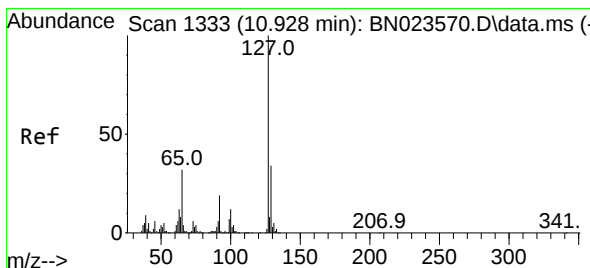
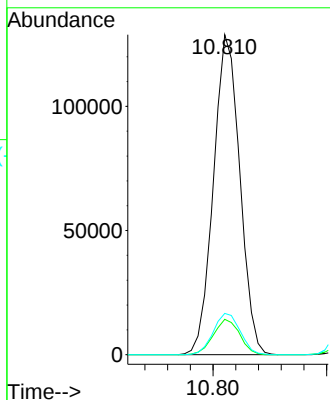
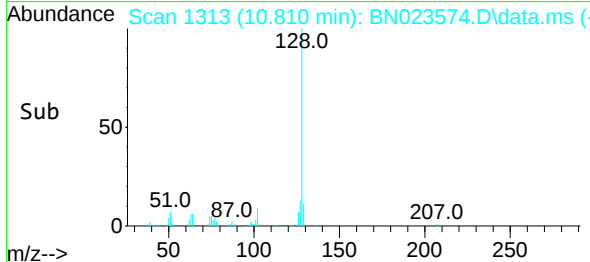
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:128 Resp: 207923
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.9 10.8 16.2

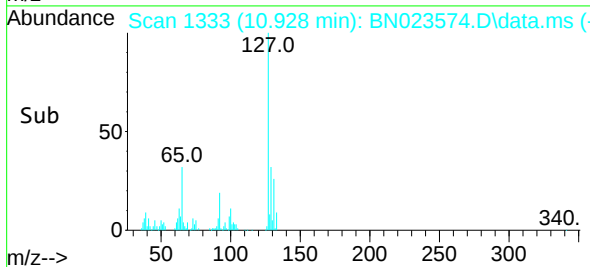
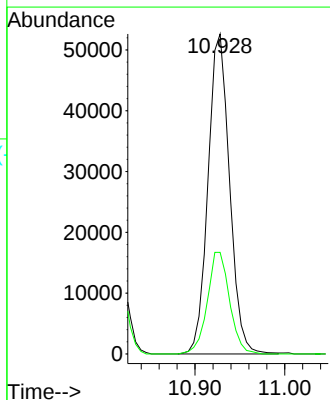
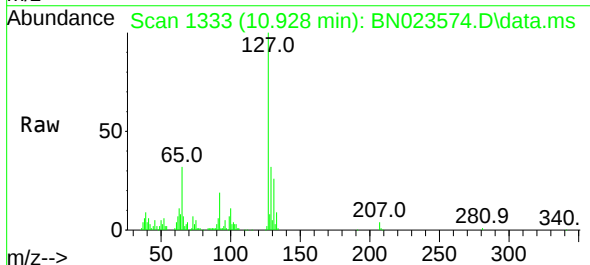
Manual Integrations
APPROVED

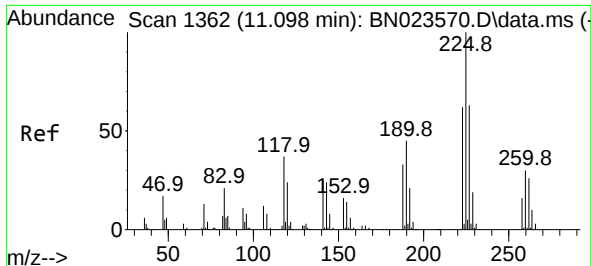
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#32
4-Chloroaniline
Concen: 4.059 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

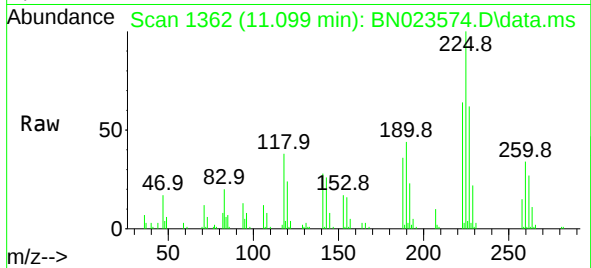
Tgt Ion:127 Resp: 87700
Ion Ratio Lower Upper
127 100
129 31.8 26.4 39.6





#33
Hexachlorobutadiene
Concen: 4.330 ng/ul
RT: 11.099 min Scan# 11099
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

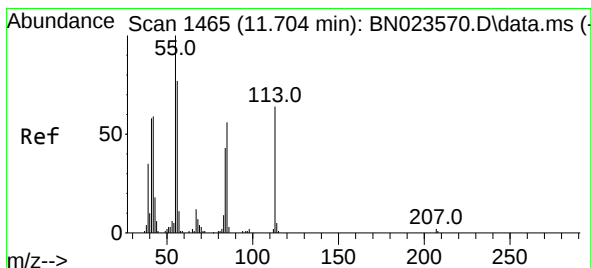
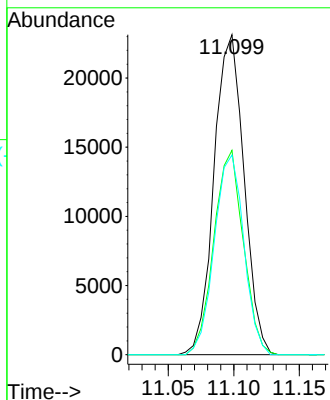
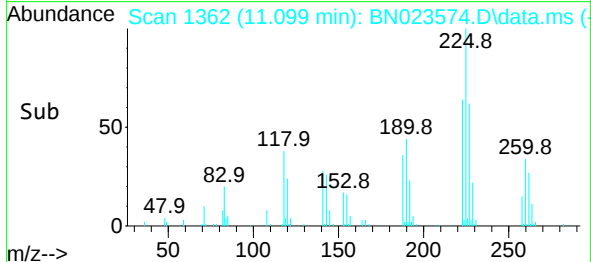
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



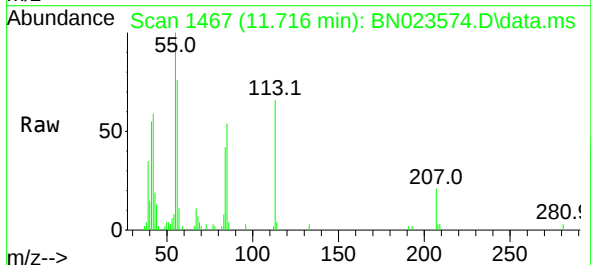
Tgt Ion:225 Resp: 3675
Ion Ratio Lower Upper
225 100
223 63.8 51.7 77.5
227 62.4 50.8 76.2

Manual Integrations
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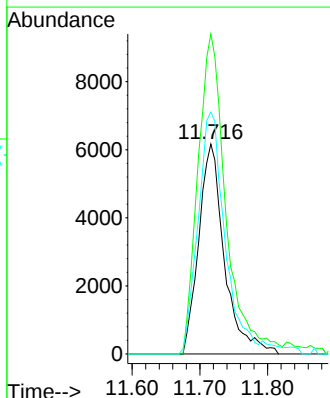
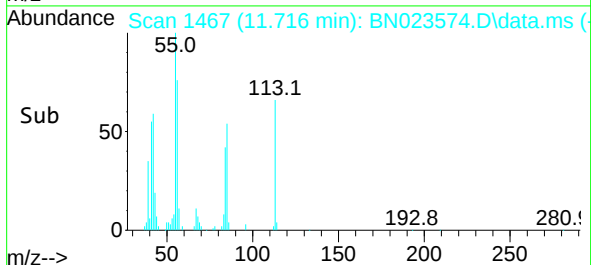
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

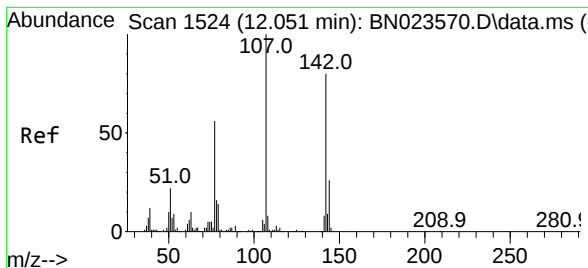


#34
Caprolactam
Concen: 3.525 ng/ul m
RT: 11.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



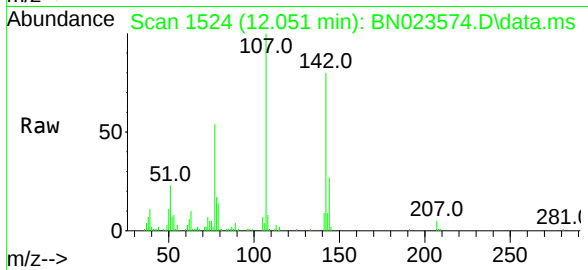
Tgt Ion:113 Resp: 16251
Ion Ratio Lower Upper
113 100
55 152.4 129.1 193.7
56 115.2 94.2 141.4





#35
4-Chloro-3-methylphenol
Concen: 3.838 ng/ul
RT: 12.051 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

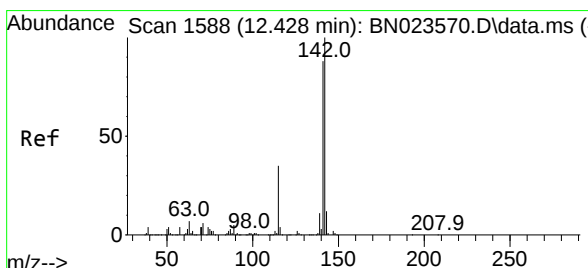
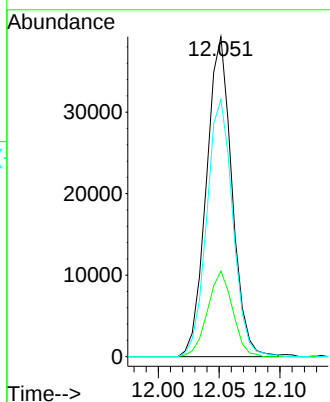
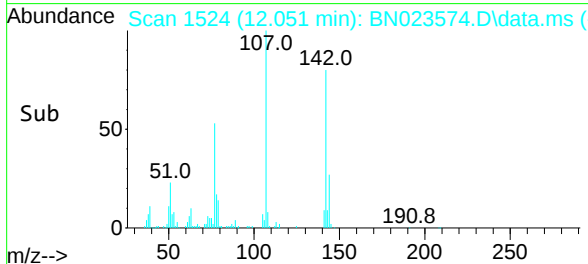
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion:107 Resp: 57432
Ion Ratio Lower Upper
107 100
144 26.7 21.9 32.9
142 80.4 64.0 96.0

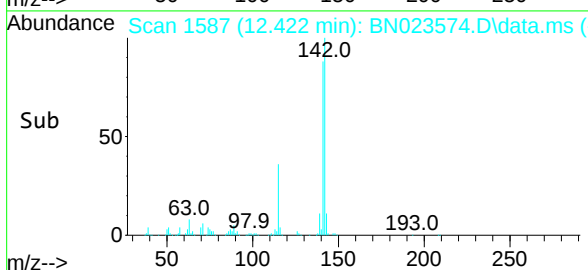
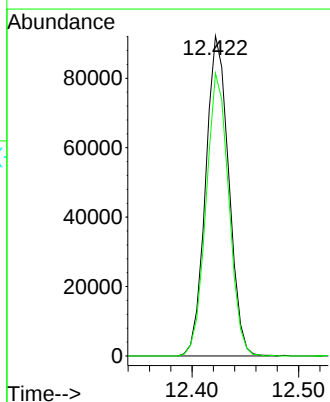
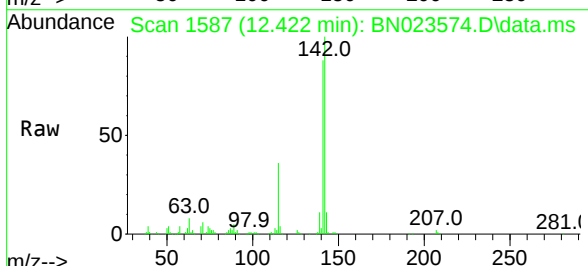
Manual Integrations
APPROVED

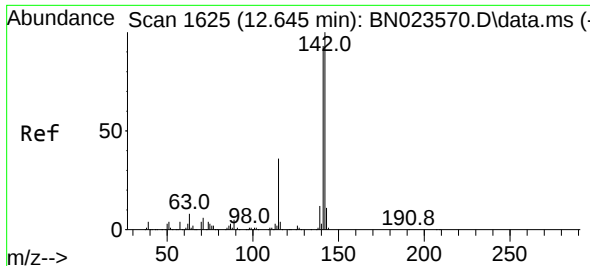
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#36
2-Methylnaphthalene
Concen: 4.308 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

Tgt Ion:142 Resp: 139060
Ion Ratio Lower Upper
142 100
141 88.3 73.6 110.4





#37

1-Methylnaphthalene

Concen: 3.310 ng/ul

RT: 12.646 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BN023574.D

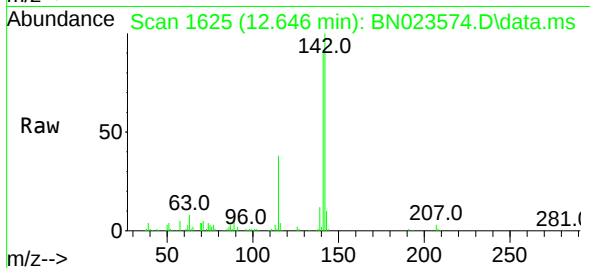
Acq: 06 Jan 2023 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT4-2022-08



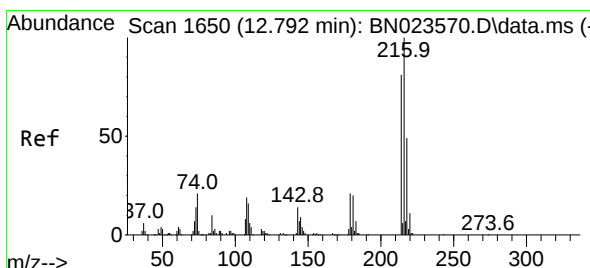
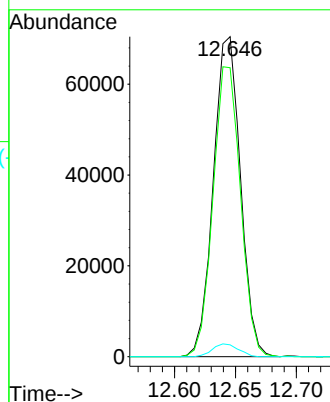
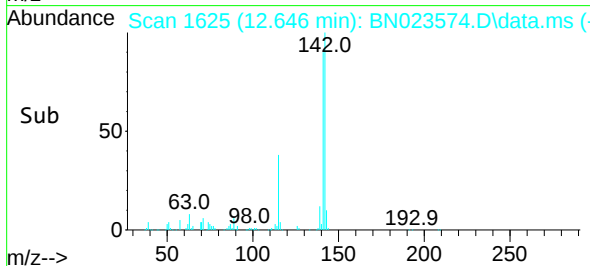
Tgt Ion:142 Resp: 109174

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.8	110.6
116	3.7	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.312 ng/ul

RT: 12.793 min Scan# 1650

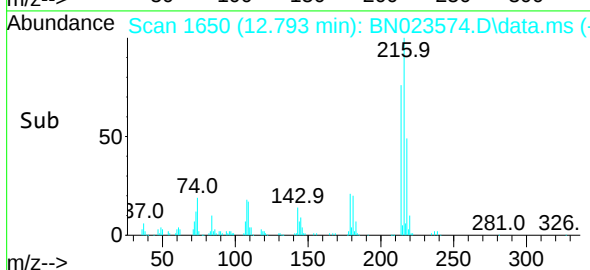
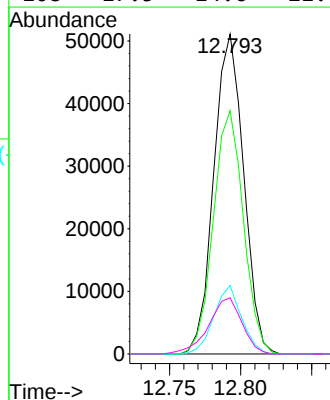
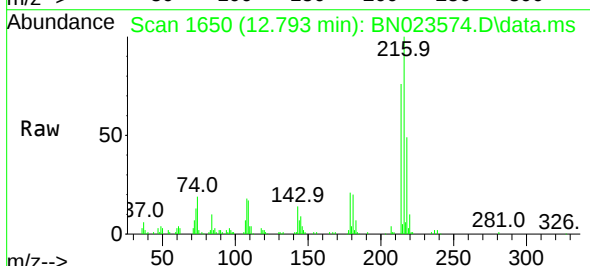
Delta R.T. -0.006 min

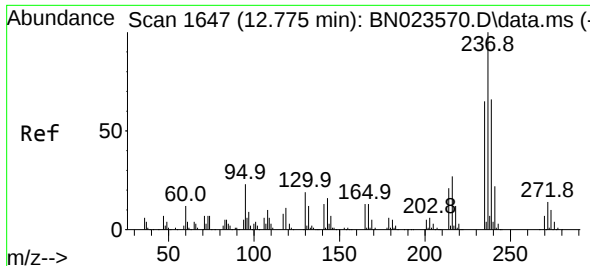
Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

Tgt Ion:216 Resp: 74622

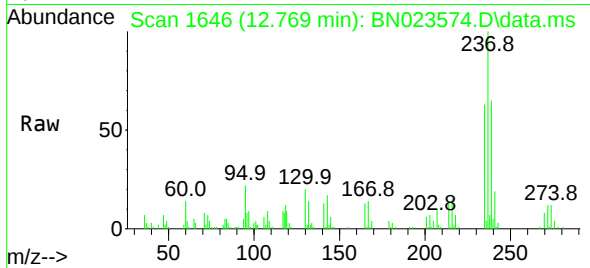
Ion	Ratio	Lower	Upper
216	100		
214	76.0	62.4	93.6
179	21.4	16.2	24.2
108	17.5	14.6	21.8





#40
Hexachlorocyclopentadiene
Concen: 2.836 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

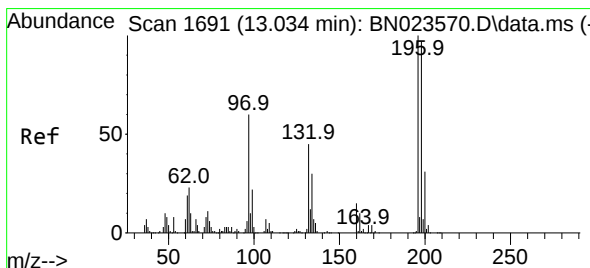
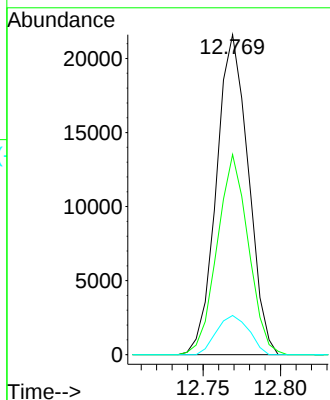
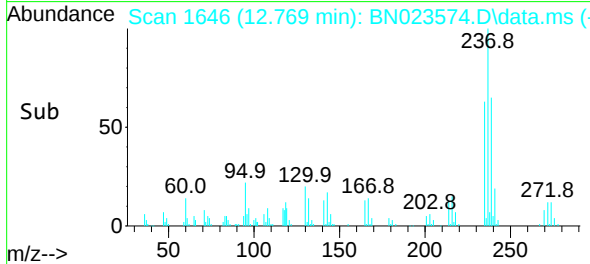
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion:237 Resp: 30928
Ion Ratio Lower Upper
237 100
235 62.6 51.0 76.4
272 12.3 9.8 14.8

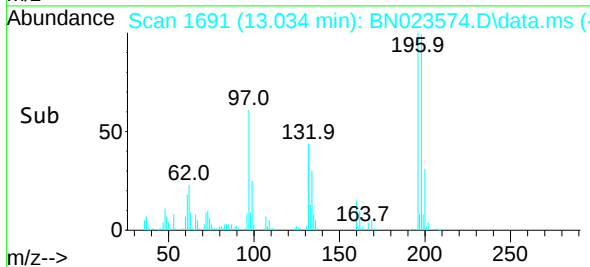
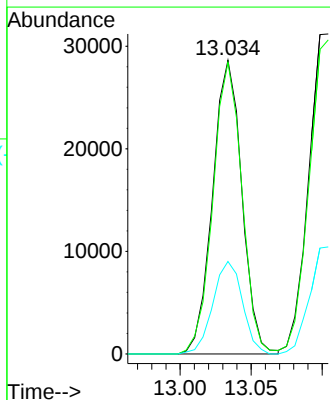
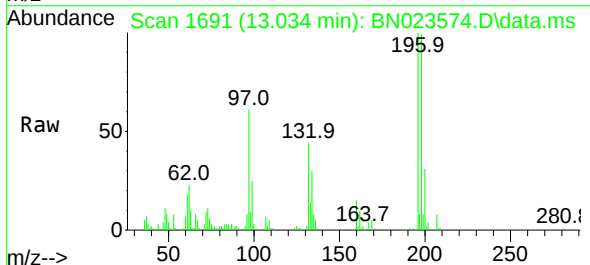
Manual Integrations
APPROVED

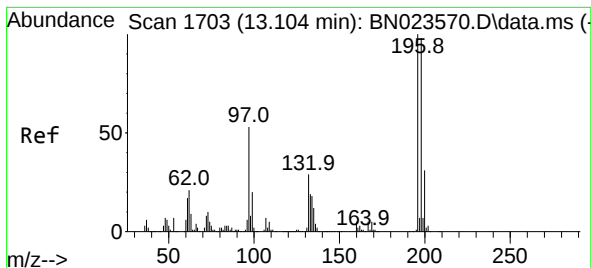
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#41
2,4,6-Trichlorophenol
Concen: 3.606 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

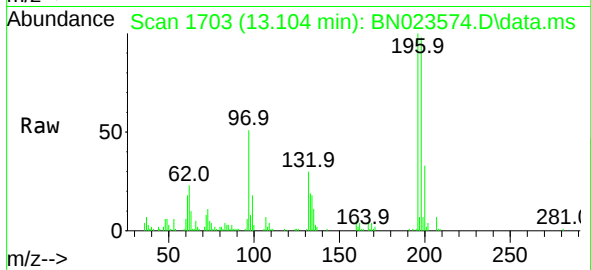
Tgt Ion:196 Resp: 41130
Ion Ratio Lower Upper
196 100
198 99.2 71.4 107.0
200 31.5 22.5 33.7





#42
2,4,5-Trichlorophenol
Concen: 3.717 ng/ul
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

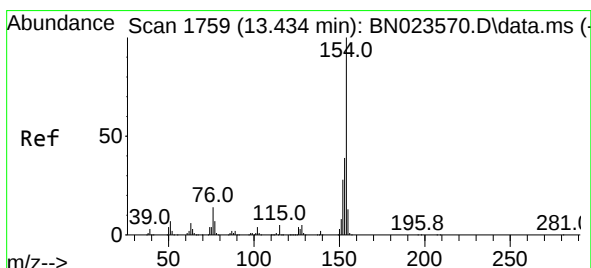
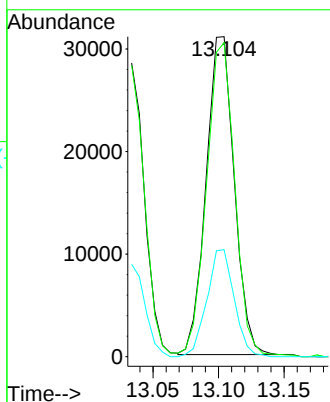
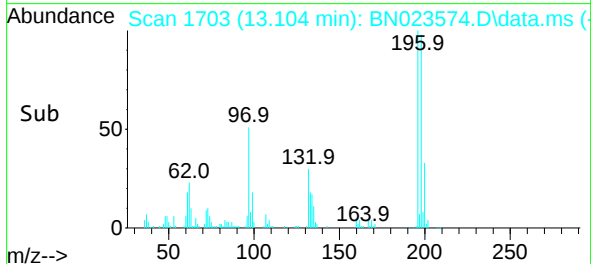
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



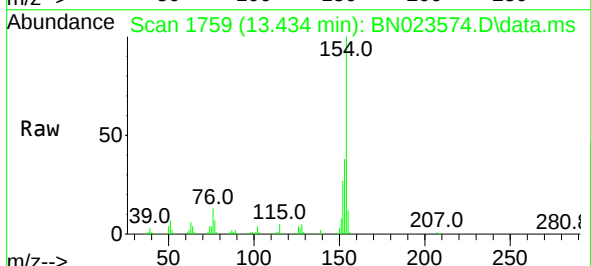
Tgt Ion:196 Resp: 46369
Ion Ratio Lower Upper
196 100
198 98.1 68.1 102.1
200 33.4 24.1 36.1

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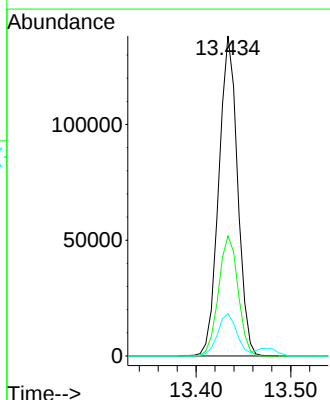
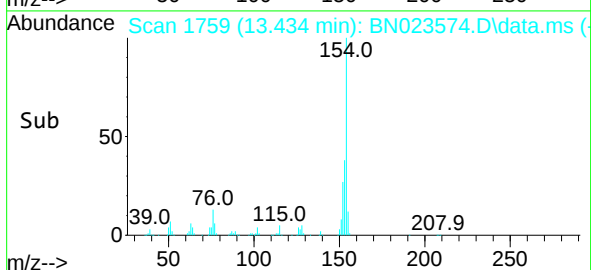
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

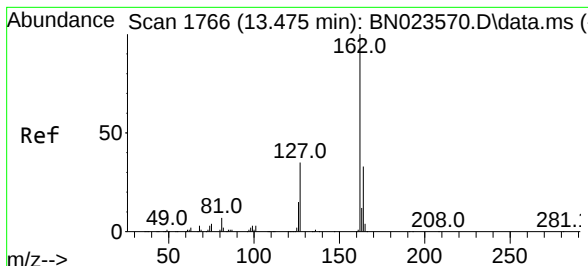


#43
1,1'-Biphenyl
Concen: 4.223 ng/ul
RT: 13.434 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



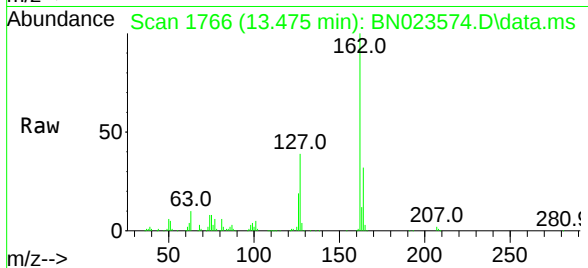
Tgt Ion:154 Resp: 190627
Ion Ratio Lower Upper
154 100
153 37.5 32.5 48.7
76 13.2 11.0 16.6





#44
2-Chloronaphthalene
Concen: 4.141 ng/ul
RT: 13.475 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

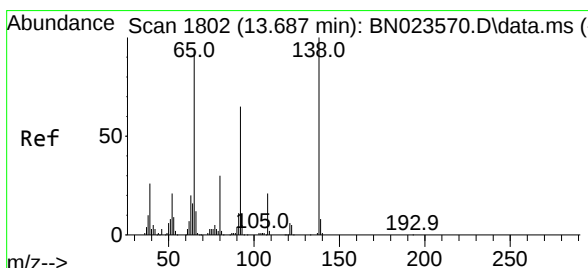
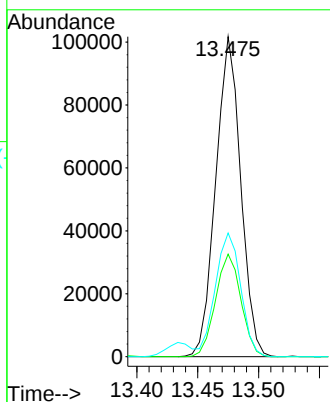
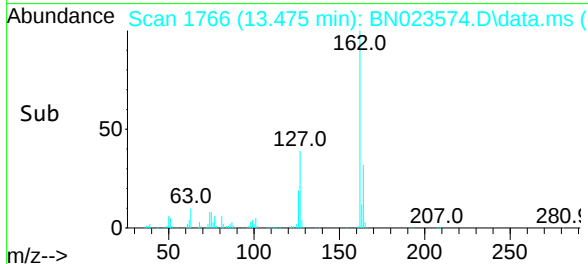
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion:162 Resp: 14501
Ion Ratio Lower Upper
162 100
164 32.1 26.2 39.2
127 38.7 31.8 47.8

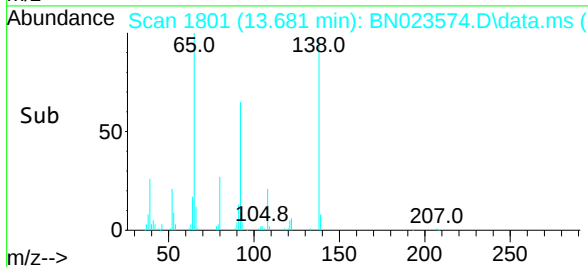
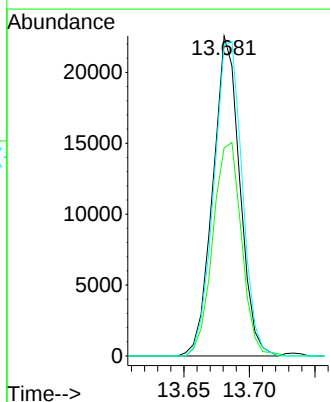
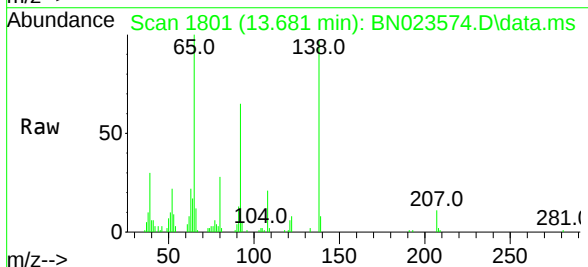
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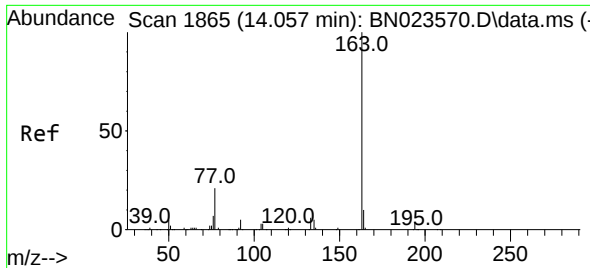
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#45
2-Nitroaniline
Concen: 3.330 ng/ul
RT: 13.681 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

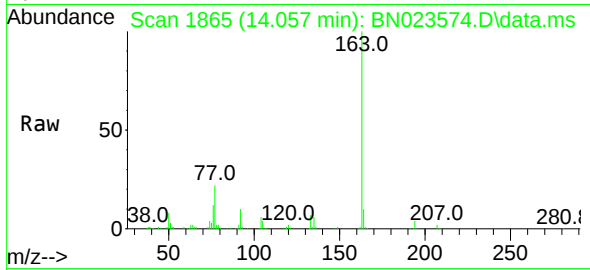
Tgt Ion: 65 Resp: 32163
Ion Ratio Lower Upper
65 100
92 65.0 53.5 80.3
138 97.3 84.0 126.0





#47
Dimethylphthalate
Concen: 4.100 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

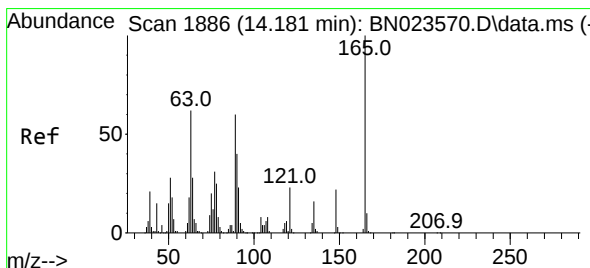
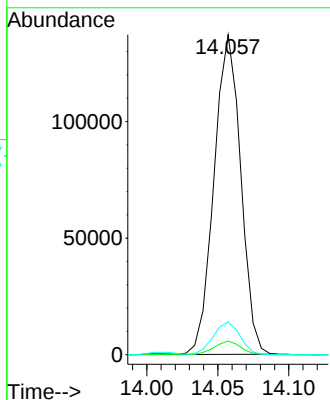
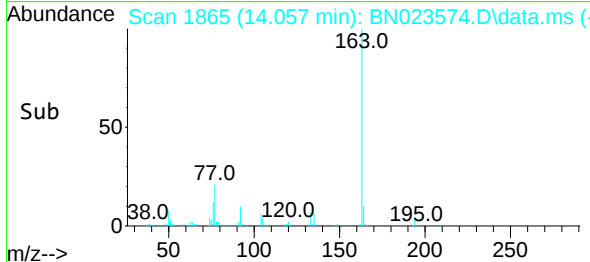
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



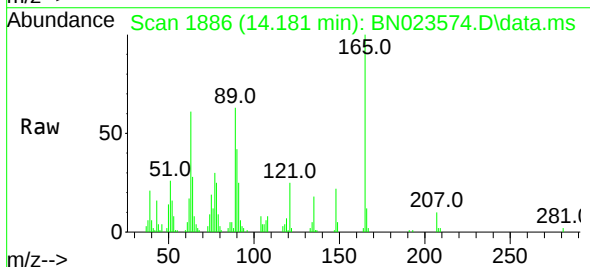
Tgt Ion:163 Resp: 179340
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 7.9 11.9

Manual Integrations
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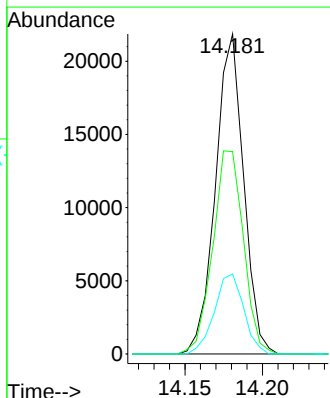
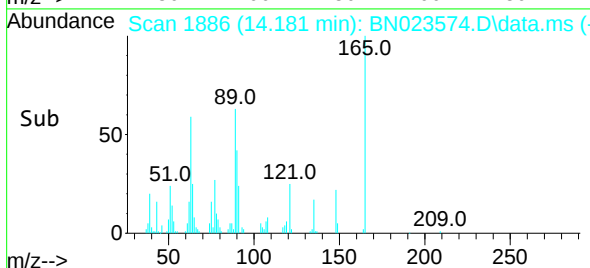
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

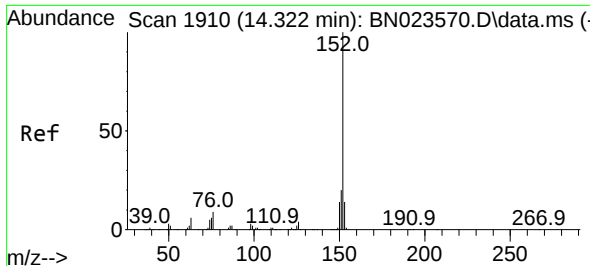


#48
2,6-Dinitrotoluene
Concen: 3.340 ng/ul
RT: 14.181 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



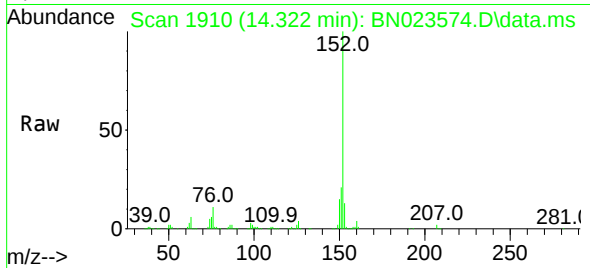
Tgt Ion:165 Resp: 27619
Ion Ratio Lower Upper
165 100
89 63.2 49.9 74.9
121 25.0 19.1 28.7





#50
Acenaphthylene
Concen: 4.242 ng/ul
RT: 14.322 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

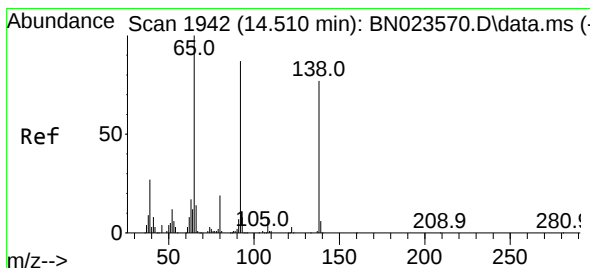
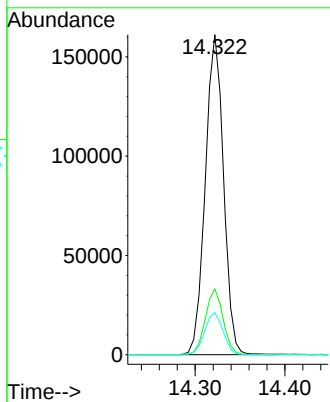
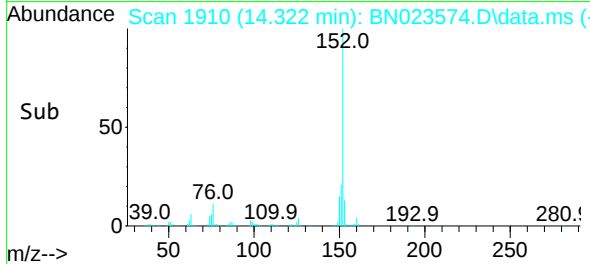
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



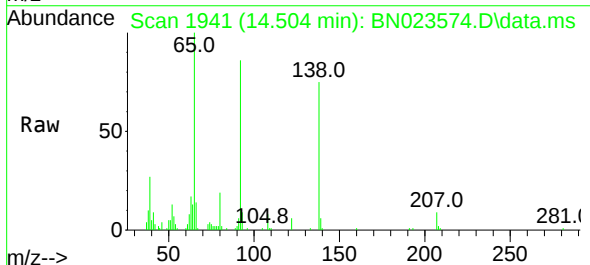
Tgt Ion:152 Resp: 227490
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.2 10.2 15.4

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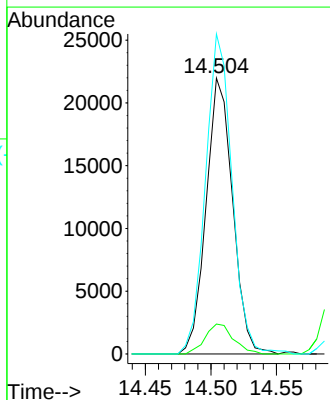
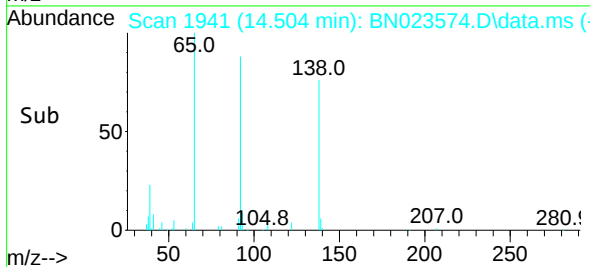
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

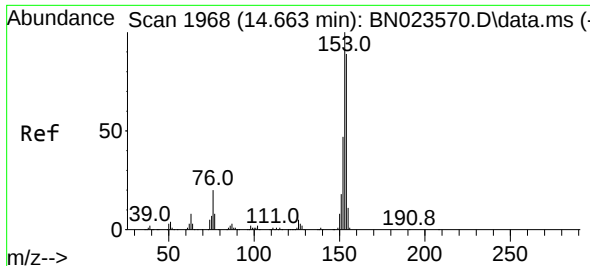


#51
3-Nitroaniline
Concen: 3.732 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



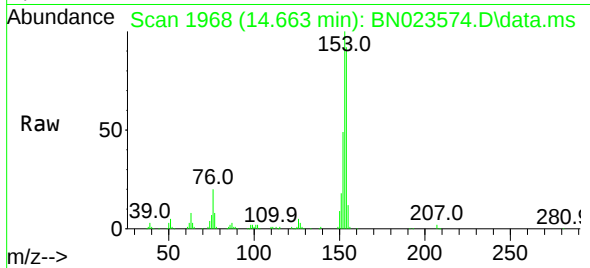
Tgt Ion:138 Resp: 30923
Ion Ratio Lower Upper
138 100
108 10.9 8.1 12.1
92 116.0 93.2 139.8





#52
Acenaphthene
Concen: 4.146 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

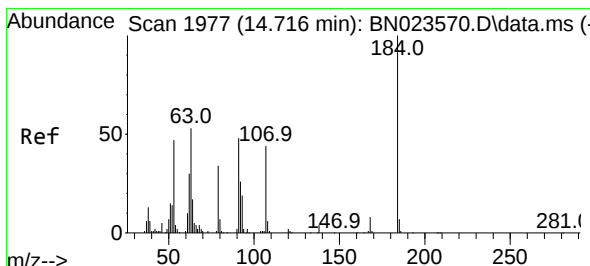
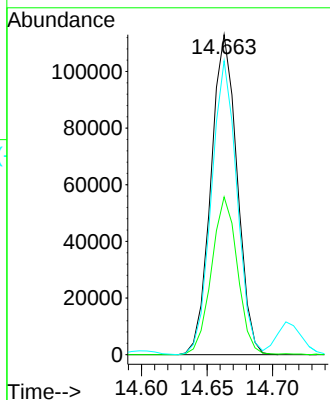
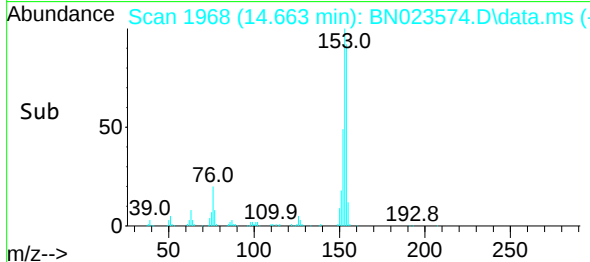
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



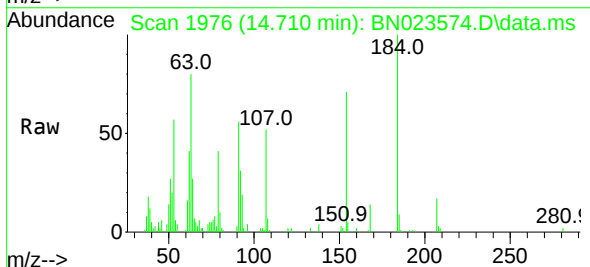
Tgt Ion:153 Resp: 156734
Ion Ratio Lower Upper
153 100
152 49.3 38.5 57.7
154 91.9 71.5 107.3

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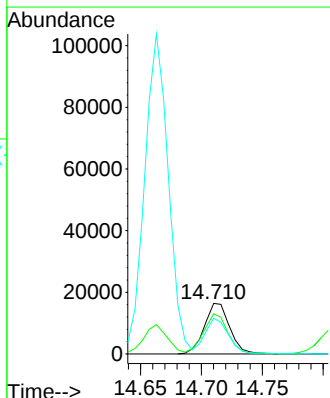
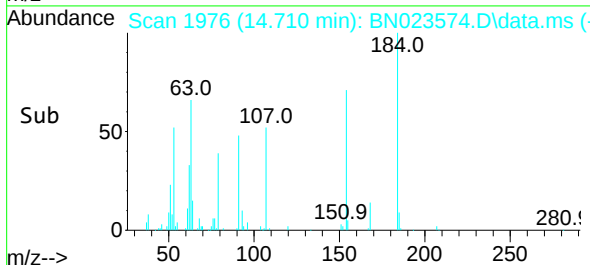
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

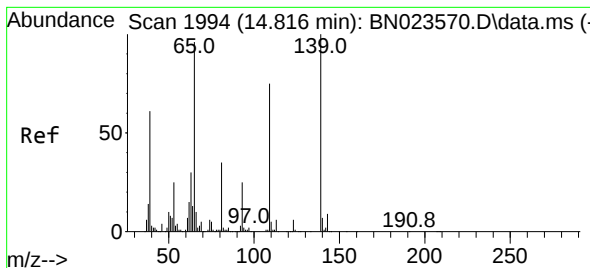


#53
2,4-Dinitrophenol
Concen: 4.404 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



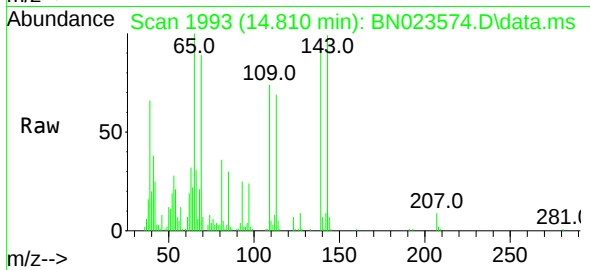
Tgt Ion:184 Resp: 23798
Ion Ratio Lower Upper
184 100
63 79.6 58.2 87.4
154 70.5 49.4 74.0





#55
4-Nitrophenol
Concen: 3.840 ng/ul
RT: 14.810 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

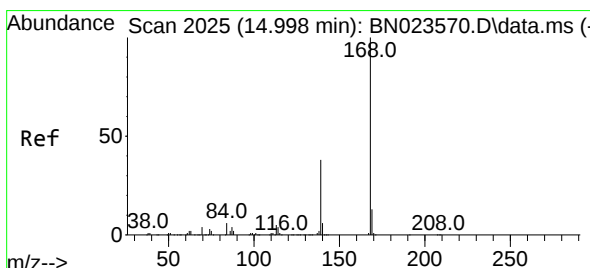
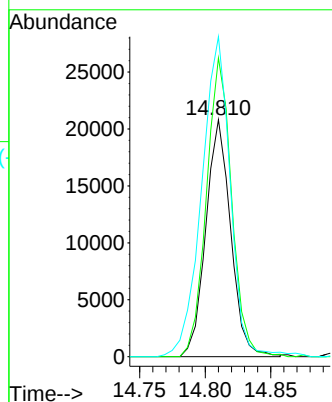
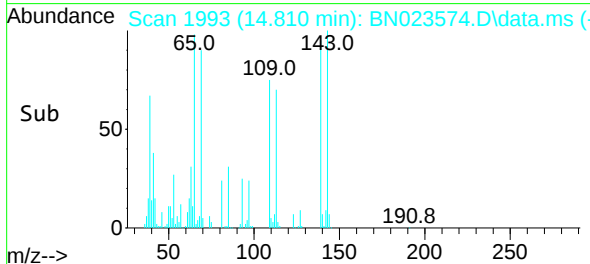
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:109 Resp: 27470
Ion Ratio Lower Upper
109 100
139 126.1 104.8 157.2
65 135.0 107.3 160.9

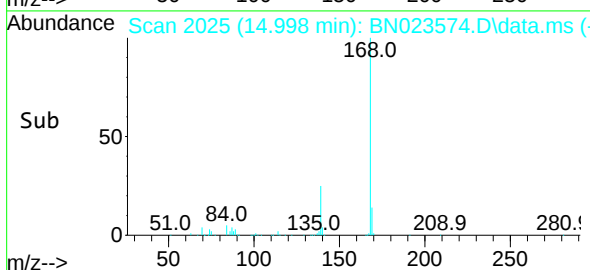
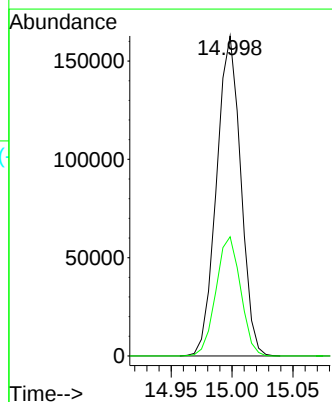
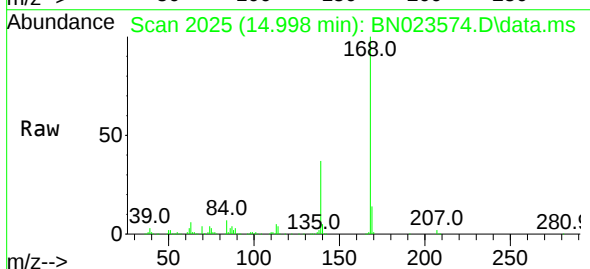
Manual Integrations
APPROVED

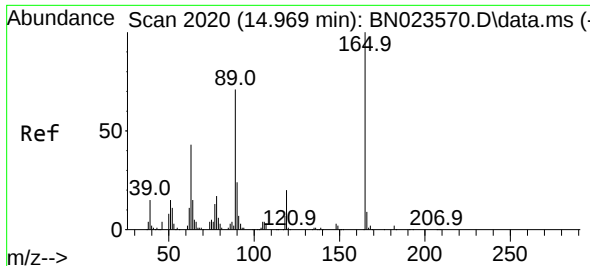
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#56
Dibenzofuran
Concen: 4.282 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

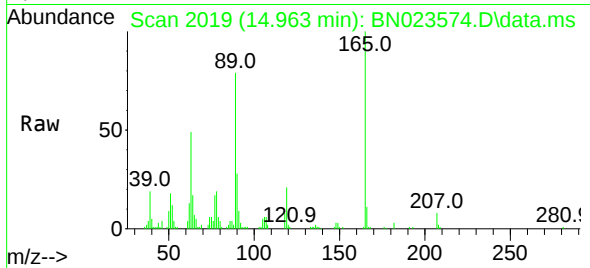
Tgt Ion:168 Resp: 225314
Ion Ratio Lower Upper
168 100
139 37.3 29.6 44.4





#57
2,4-Dinitrotoluene
Concen: 3.616 ng/ul
RT: 14.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

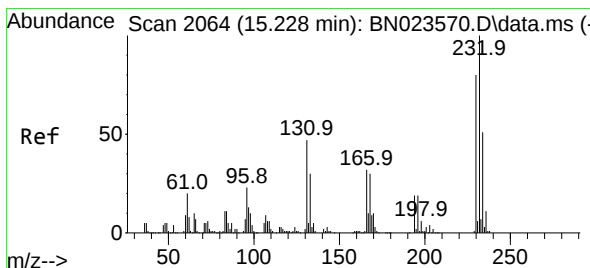
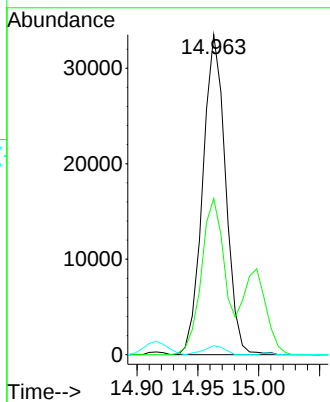
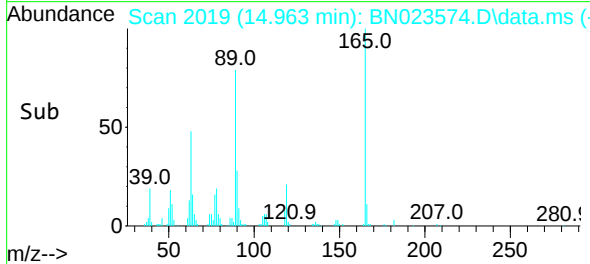
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:165 Resp: 43648
Ion Ratio Lower Upper
165 100
63 48.8 37.2 55.8
182 2.8 2.2 3.2

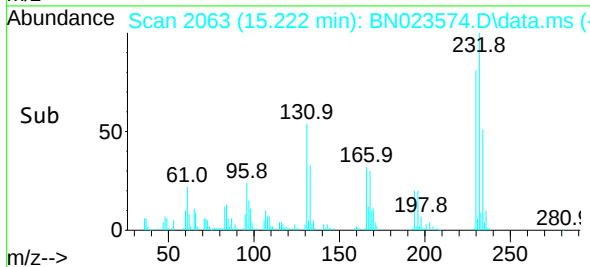
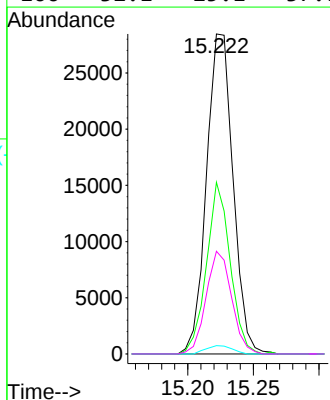
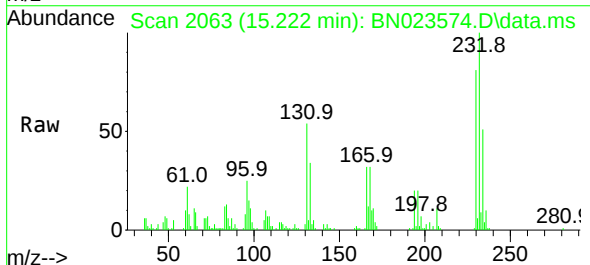
Manual Integrations
APPROVED

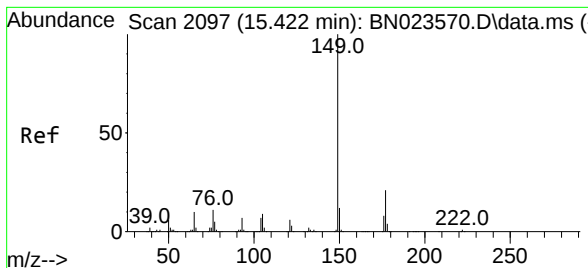
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.753 ng/ul
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

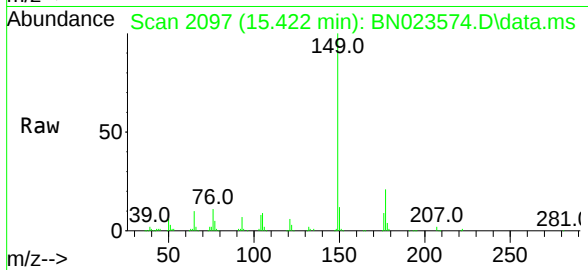
Tgt Ion:232 Resp: 40118
Ion Ratio Lower Upper
232 100
131 53.7 39.5 59.3
130 2.6 2.2 3.4
166 32.1 25.1 37.7





#59
Diethylphthalate
Concen: 3.926 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

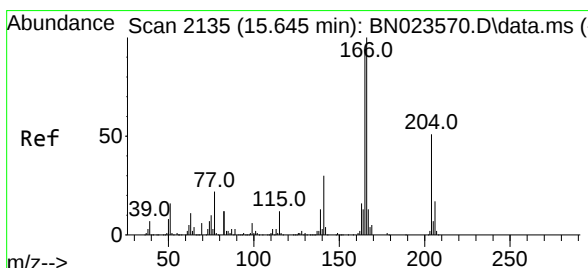
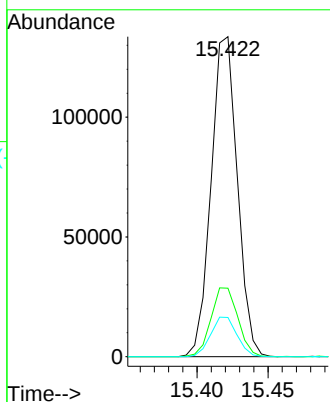
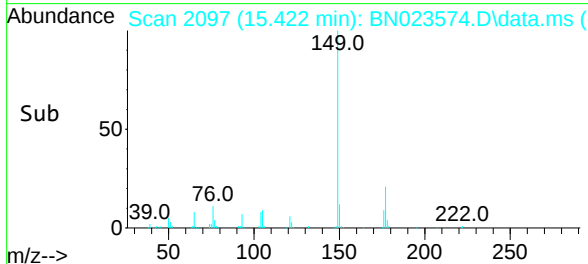
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



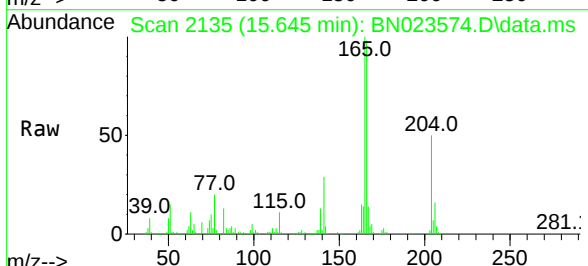
Tgt Ion:149 Resp: 172002
Ion Ratio Lower Upper
149 100
177 21.4 17.9 26.9
150 12.3 9.9 14.9

Manual Integrations
APPROVED

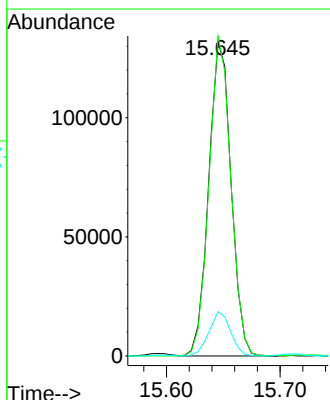
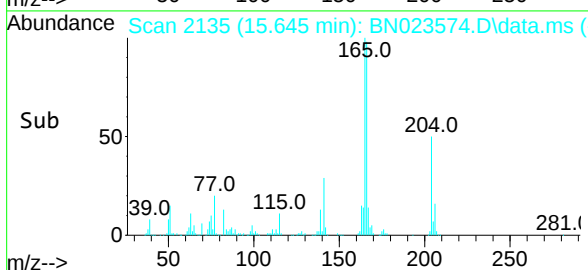
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

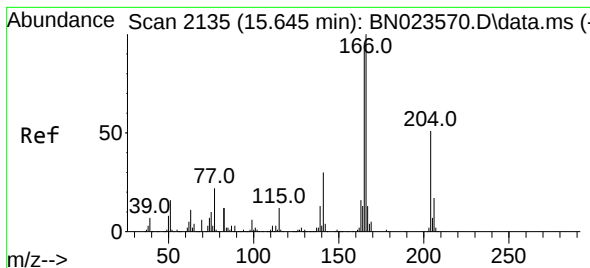


#61
Fluorene
Concen: 4.235 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



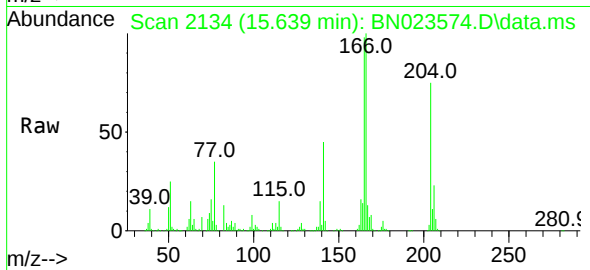
Tgt Ion:166 Resp: 180450
Ion Ratio Lower Upper
166 100
165 101.8 77.8 116.6
167 14.1 10.4 15.6





#62
4-Chlorophenyl-phenylether
Concen: 4.396 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

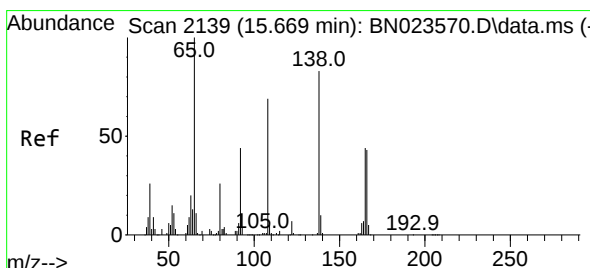
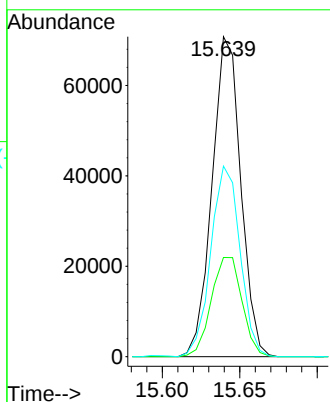
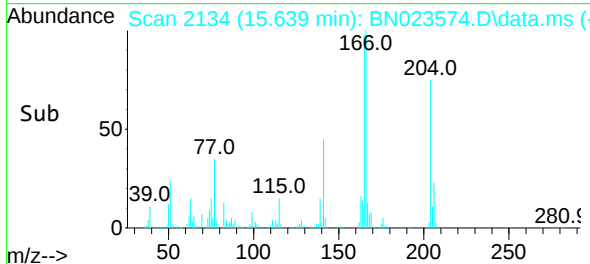
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:204 Resp: 91199
Ion Ratio Lower Upper
204 100
206 31.0 27.0 40.6
141 59.6 51.0 76.4

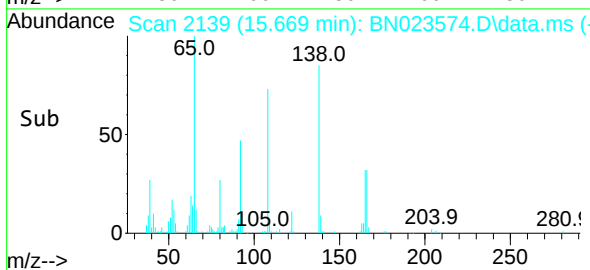
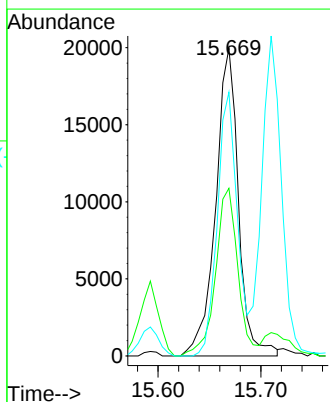
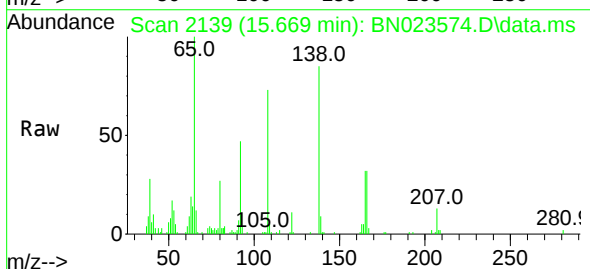
Manual Integrations
APPROVED

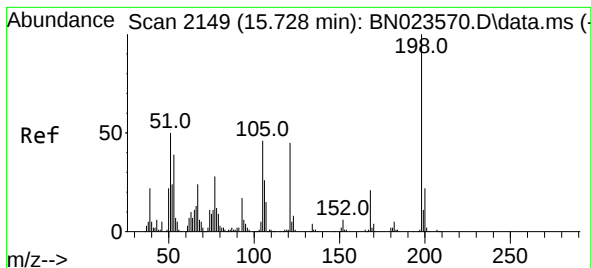
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#63
4-Nitroaniline
Concen: 4.033 ng/ul m
RT: 15.669 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

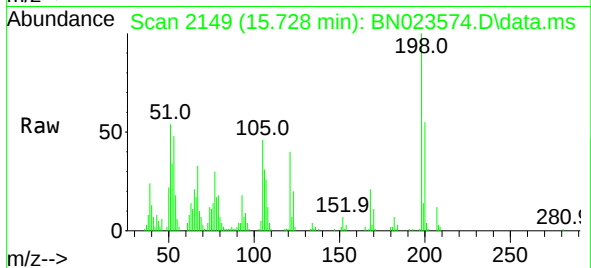
Tgt Ion:138 Resp: 30766
Ion Ratio Lower Upper
138 100
92 54.5 41.3 61.9
108 85.7 64.2 96.2





#66
4,6-Dinitro-2-methylphenol
Concen: 4.538 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

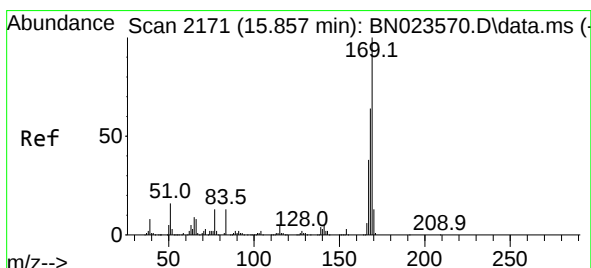
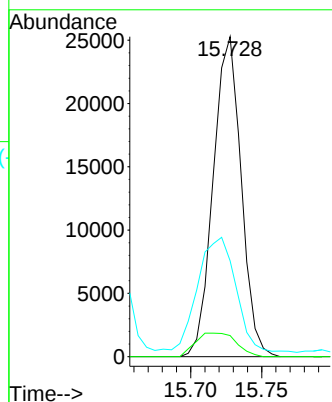
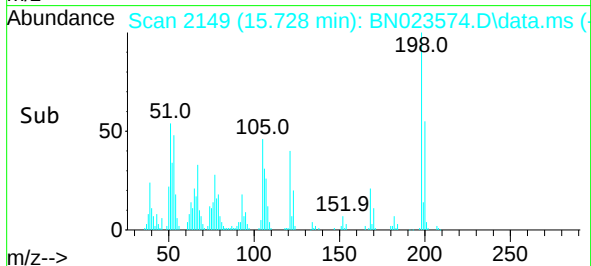
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:198 Resp: 34564
Ion Ratio Lower Upper
198 100
182 6.6 3.6 5.4
77 29.9 21.2 31.8

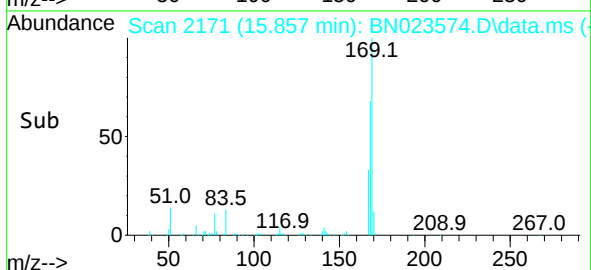
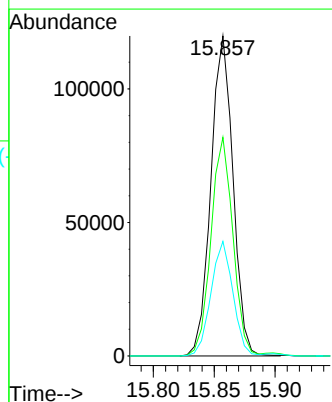
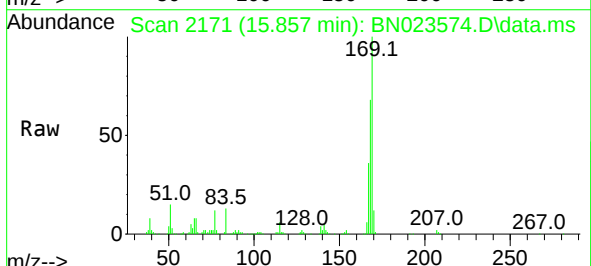
Manual Integrations
APPROVED

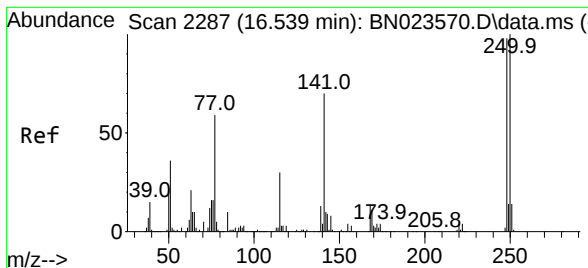
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#67
N-Nitrosodiphenylamine
Concen: 4.224 ng/ul
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

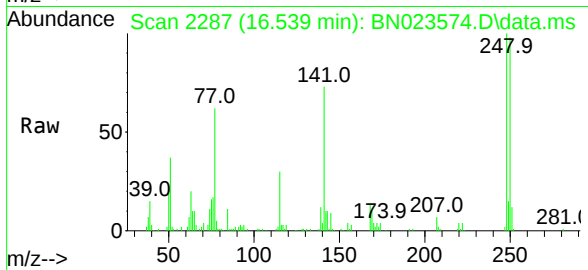
Tgt Ion:169 Resp: 151640
Ion Ratio Lower Upper
169 100
168 68.3 53.4 80.2
167 35.8 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 4.063 ng/ul
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

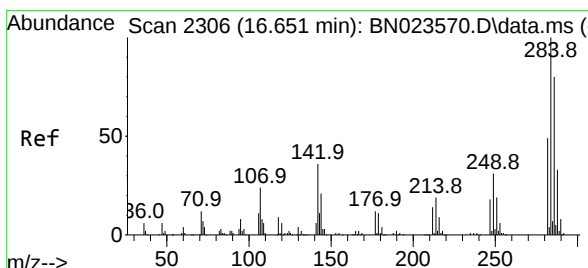
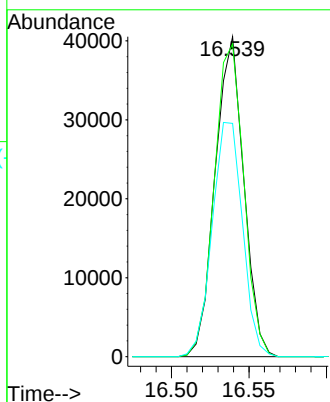
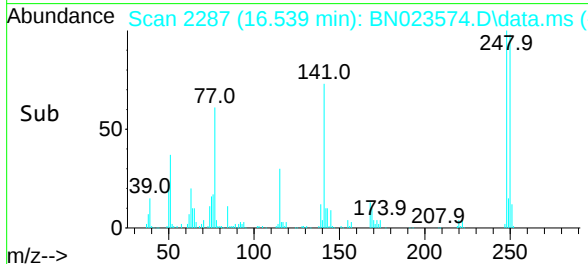
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



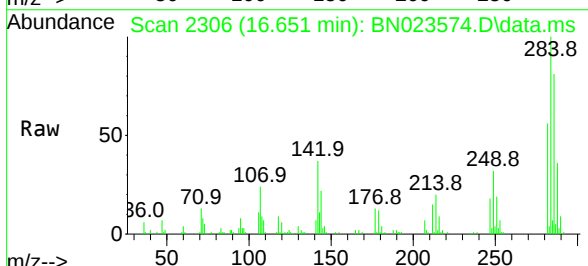
Tgt Ion:248 Resp: 5209
Ion Ratio Lower Upper
248 100
250 97.8 76.4 114.6
141 72.9 58.0 87.0

Manual Integrations
APPROVED

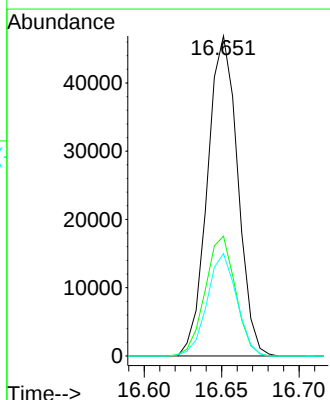
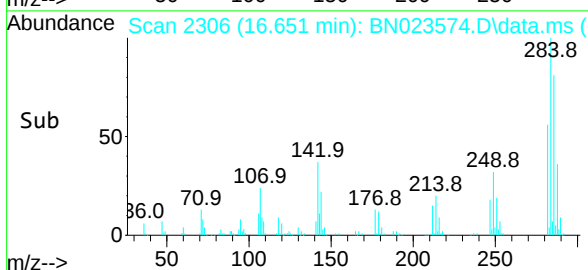
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

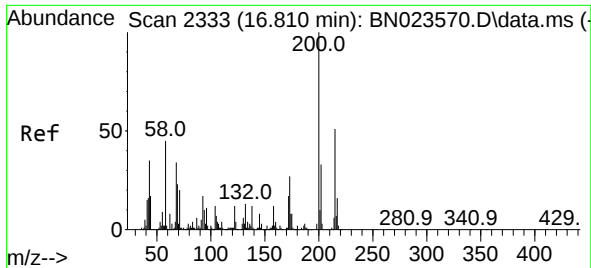


#69
Hexachlorobenzene
Concen: 4.237 ng/ul
RT: 16.651 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



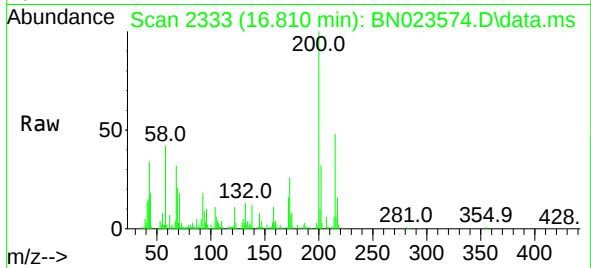
Tgt Ion:284 Resp: 63667
Ion Ratio Lower Upper
284 100
142 37.5 28.9 43.3
249 32.0 24.2 36.2





#70
Atrazine
Concen: 5.391 ng/ul
RT: 16.810 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

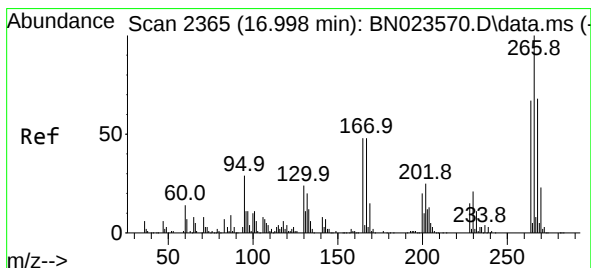
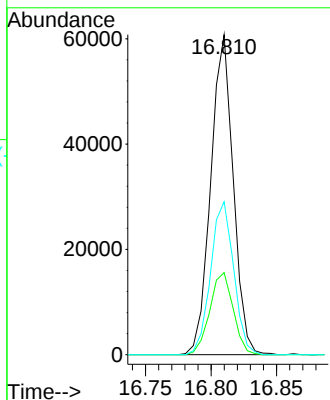
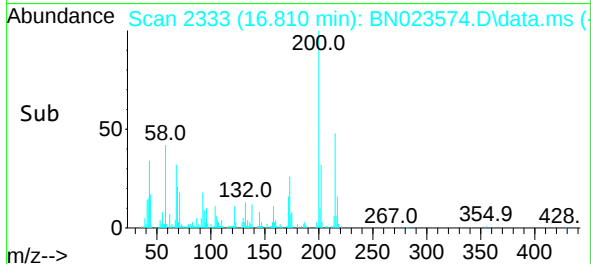
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



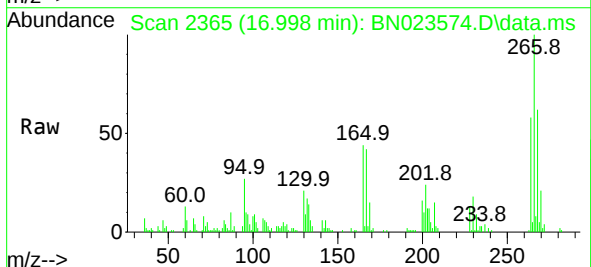
Tgt Ion:200 Resp: 72440
Ion Ratio Lower Upper
200 100
173 25.6 21.4 32.2
215 47.8 39.0 58.6

Manual Integrations
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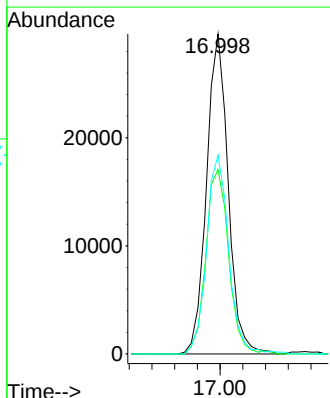
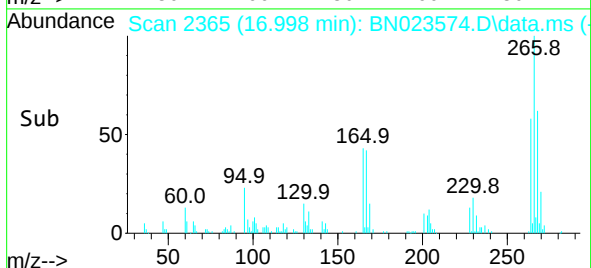
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

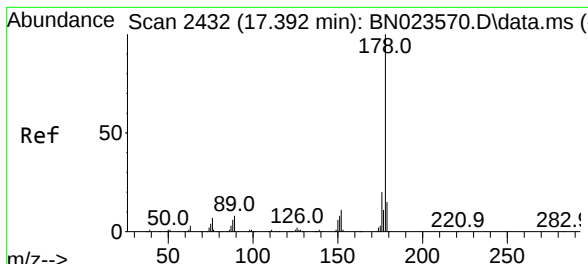


#71
Pentachlorophenol
Concen: 4.085 ng/ul
RT: 16.998 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



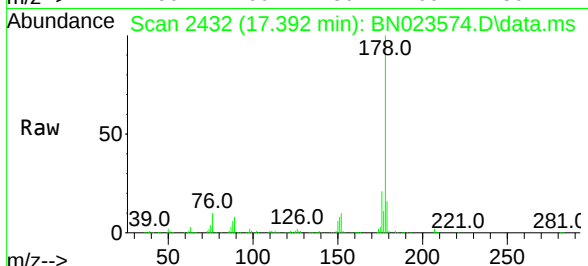
Tgt Ion:266 Resp: 39178
Ion Ratio Lower Upper
266 100
264 57.6 51.4 77.0
268 62.1 54.5 81.7





#72
 Phenanthrene
 Concen: 4.223 ng/ul
 RT: 17.392 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BN023574.D
 Acq: 06 Jan 2023 12:53

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT4-2022-08

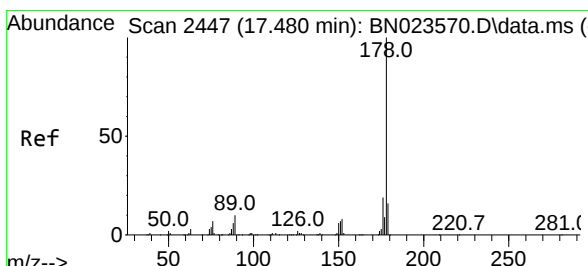
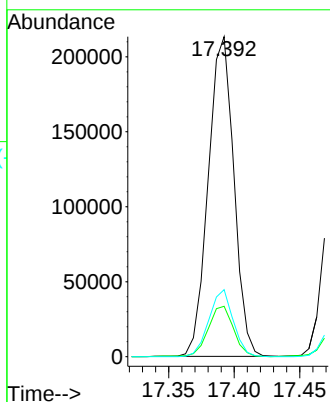
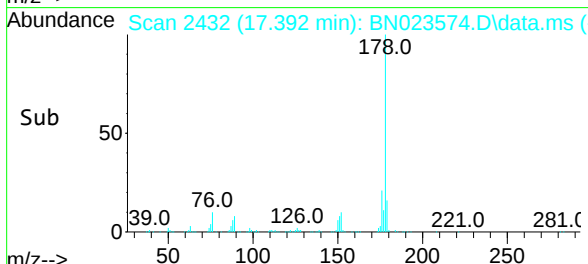


Tgt Ion:178 Resp: 289470

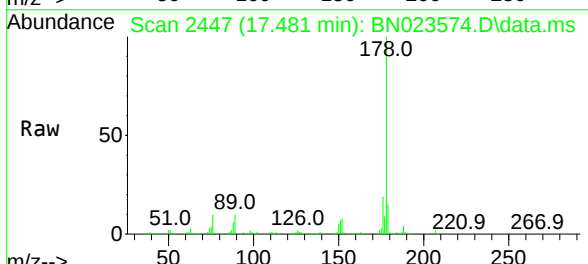
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	20.9	15.2	22.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

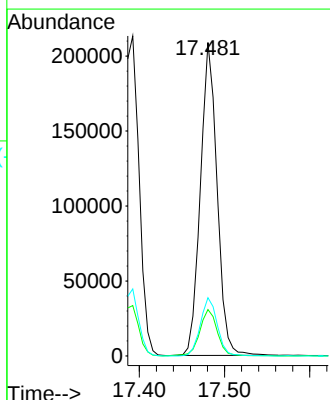
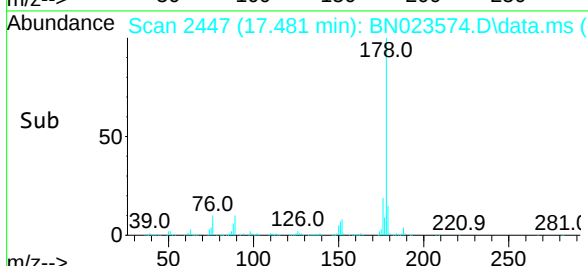


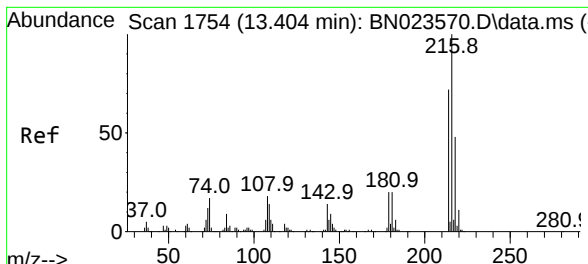
#74
 Anthracene
 Concen: 4.166 ng/ul
 RT: 17.481 min Scan# 2447
 Delta R.T. -0.006 min
 Lab File: BN023574.D
 Acq: 06 Jan 2023 12:53



Tgt Ion:178 Resp: 284211

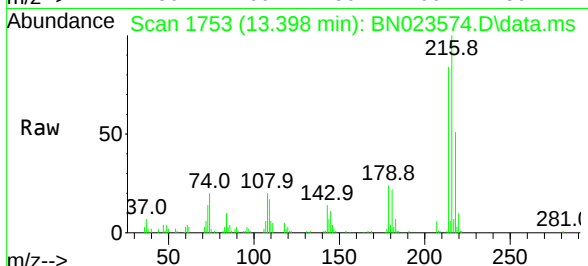
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	18.6	15.1	22.7





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.300 ng/uL
RT: 13.398 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08

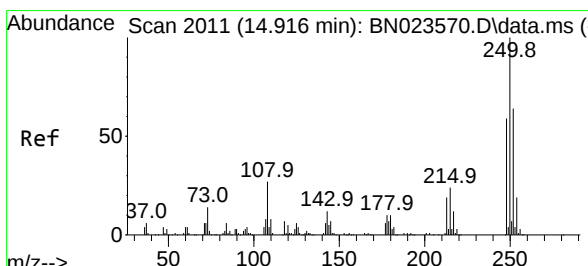
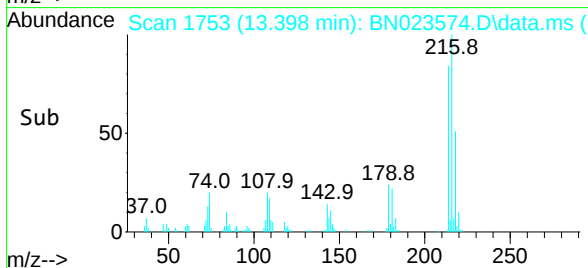
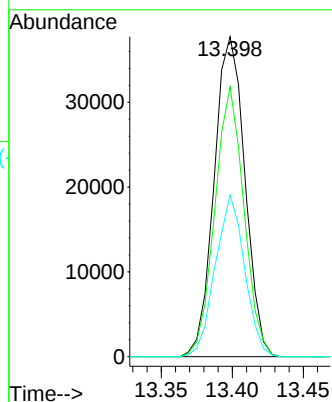


Tgt Ion:216 Resp: 5683

Ion	Ratio	Lower	Upper
216	100		
214	84.4	61.0	91.4
218	50.5	39.8	59.8

Manual Integrations
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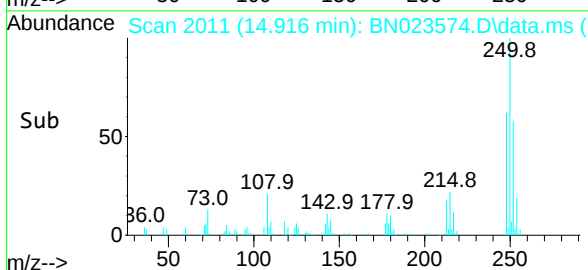
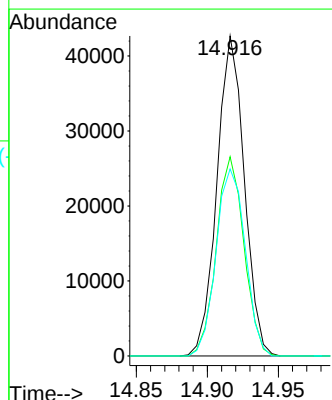
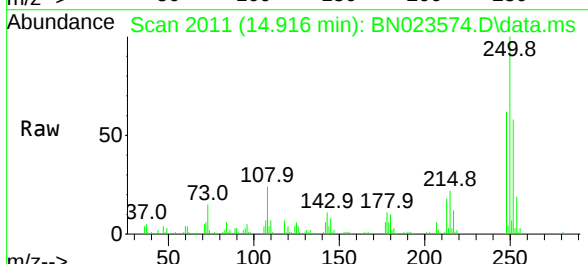
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

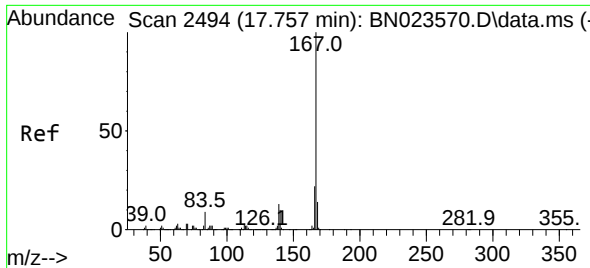


#76
Pentachlorobenzene
Concen: 3.318 ng/uL
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

Tgt Ion:250 Resp: 57241

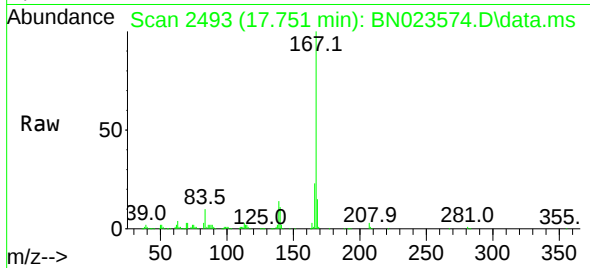
Ion	Ratio	Lower	Upper
250	100		
248	62.3	50.3	75.5
252	58.4	48.9	73.3





#77
 Carbazole
 Concen: 3.991 ng/ul
 RT: 17.751 min Scan# 2493
 Delta R.T. -0.006 min
 Lab File: BN023574.D
 Acq: 06 Jan 2023 12:53

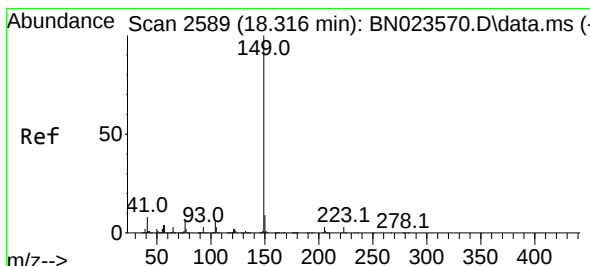
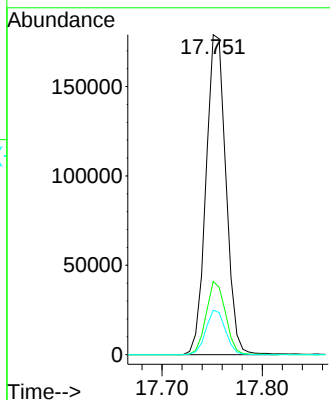
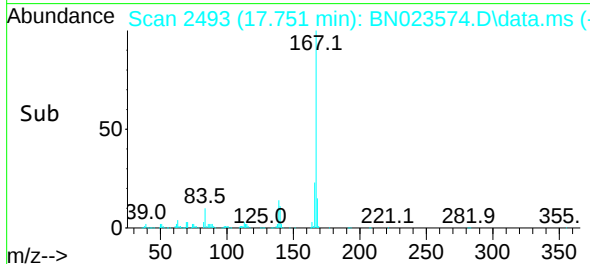
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2022-08



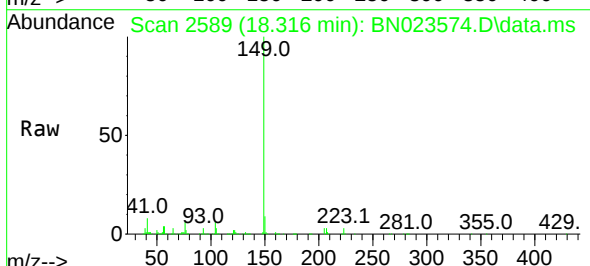
Tgt Ion:167 Resp: 247199
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.2
 139 13.9 11.0 16.6

Manual Integrations
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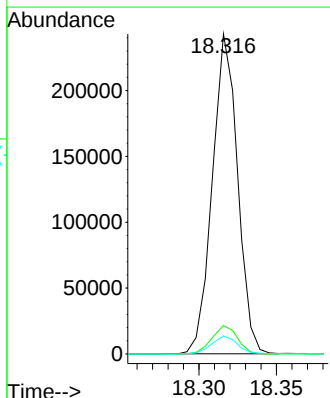
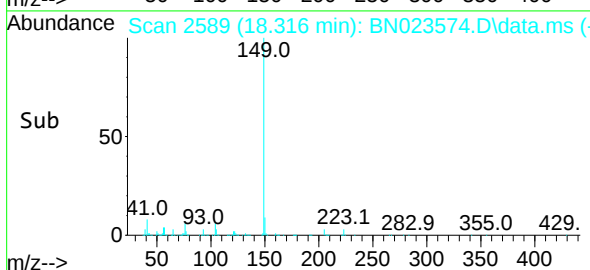
Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

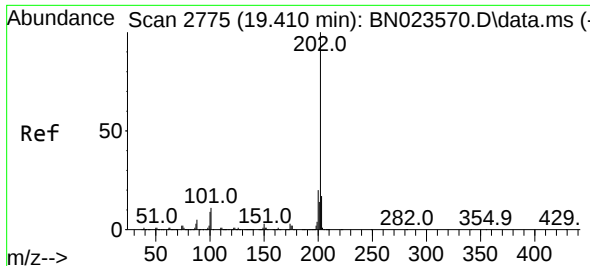


#78
 Di-n-butylphthalate
 Concen: 3.736 ng/ul
 RT: 18.316 min Scan# 2589
 Delta R.T. -0.006 min
 Lab File: BN023574.D
 Acq: 06 Jan 2023 12:53



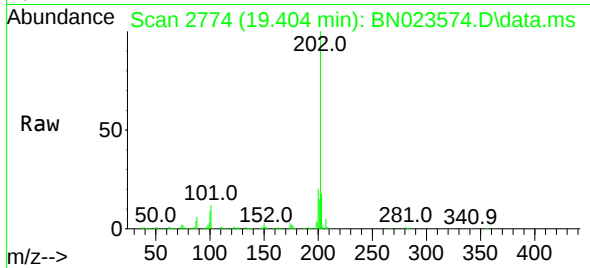
Tgt Ion:149 Resp: 274765
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.7 4.3 6.5





#80
Fluoranthene
Concen: 3.963 ng/ul
RT: 19.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

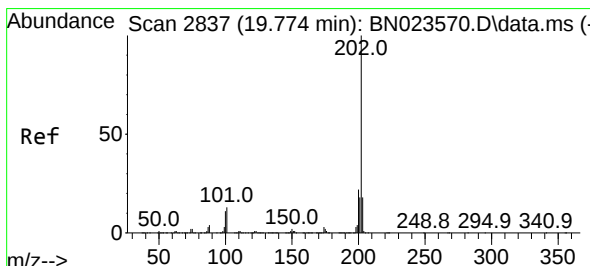
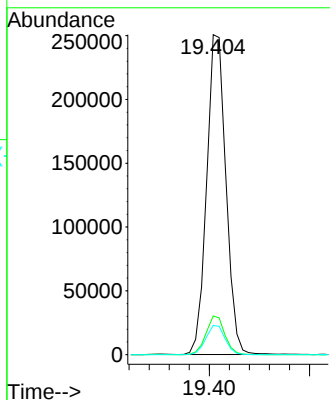
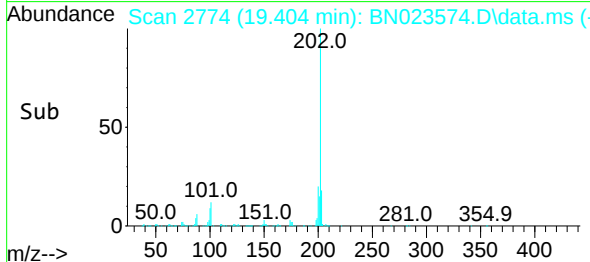
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



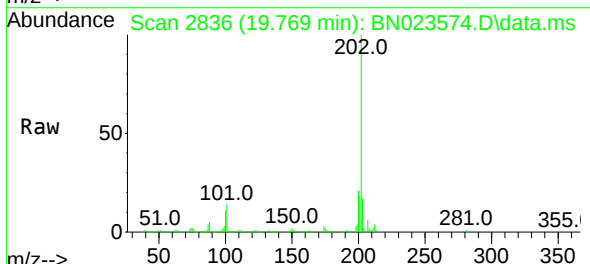
Tgt Ion:202 Resp: 335164
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.1 7.3 10.9

Manual Integrations
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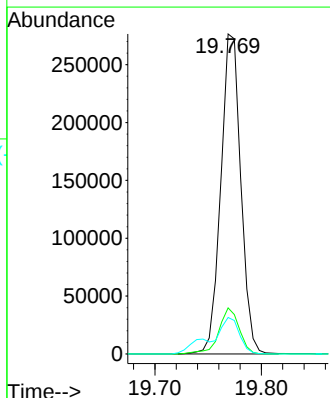
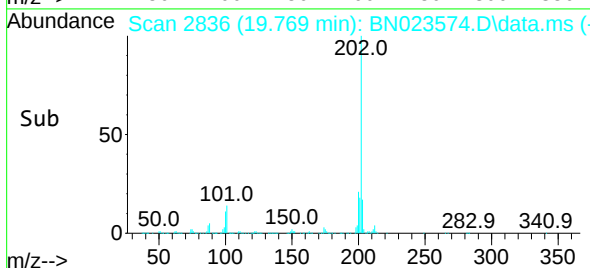
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

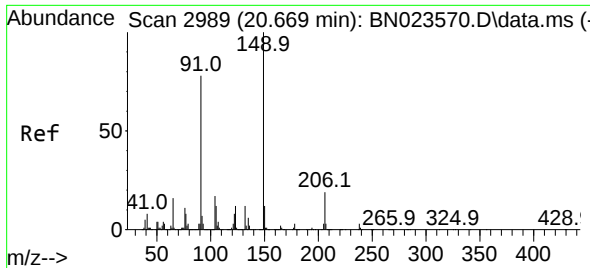


#82
Pyrene
Concen: 4.041 ng/ul
RT: 19.769 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



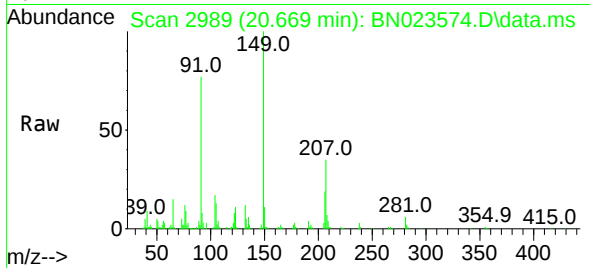
Tgt Ion:202 Resp: 360922
Ion Ratio Lower Upper
202 100
101 14.4 10.9 16.3
100 11.4 8.9 13.3





#83
Butylbenzylphthalate
Concen: 3.212 ng/ul
RT: 20.669 min Scan# 2989
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

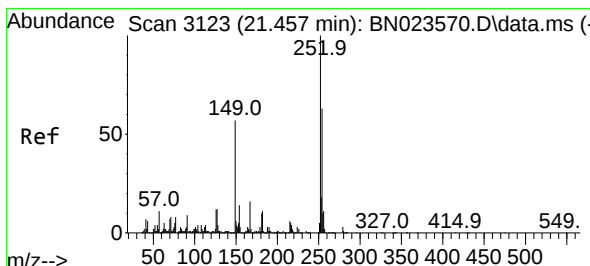
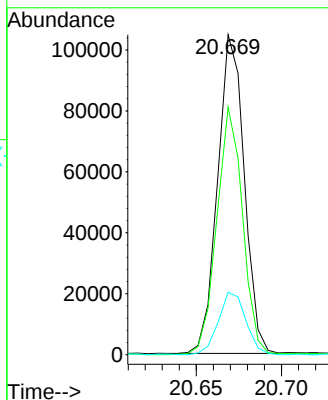
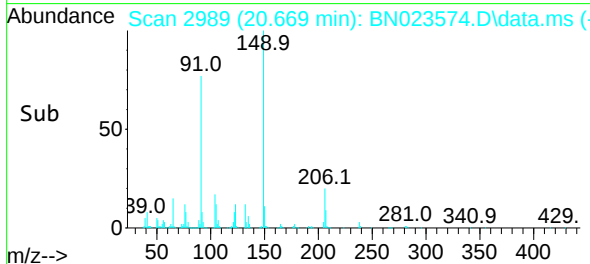
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-08



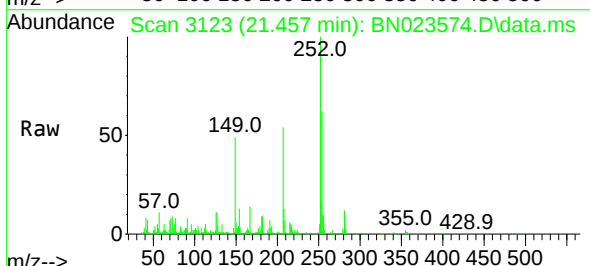
Tgt Ion:149 Resp: 113592
Ion Ratio Lower Upper
149 100
91 77.4 57.9 86.9
206 19.4 16.8 25.2

Manual Integrations
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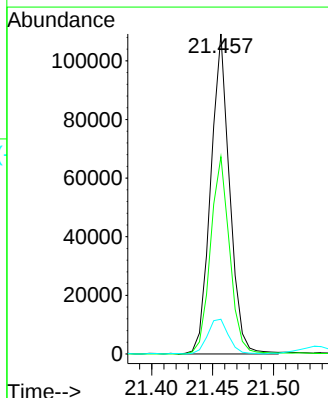
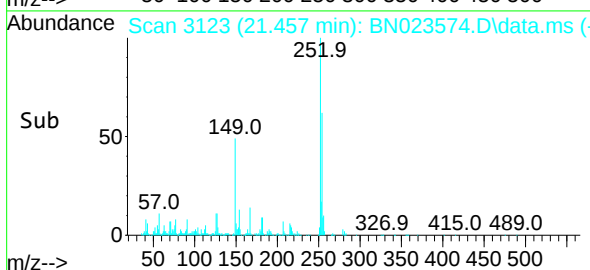
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

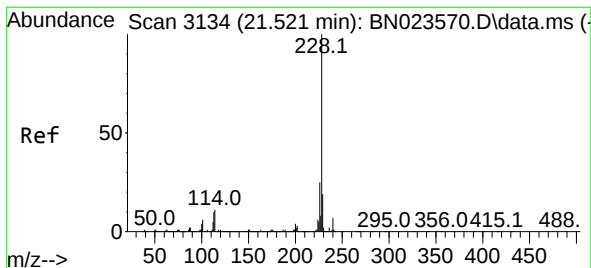


#84
3,3'-Dichlorobenzidine
Concen: 4.273 ng/ul
RT: 21.457 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53



Tgt Ion:252 Resp: 118017
Ion Ratio Lower Upper
252 100
254 61.6 51.2 76.8
126 10.8 8.8 13.2





#85

Benzo(a)anthracene

Concen: 4.015 ng/ul

RT: 21.522 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

Instrument :

BNA_N

ClientSampleId :

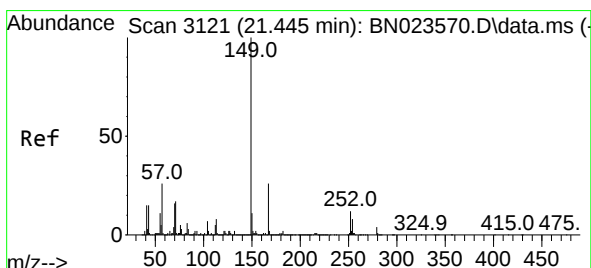
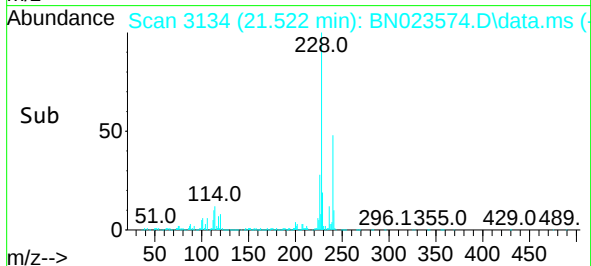
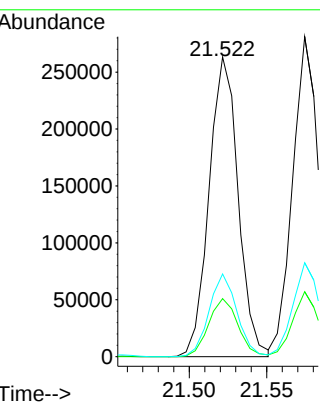
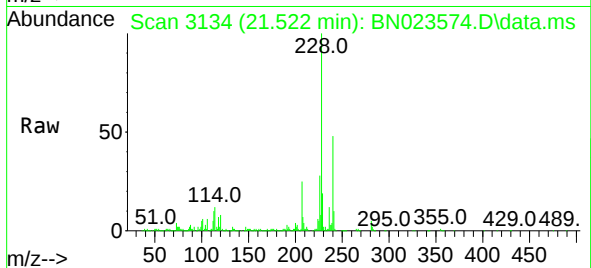
MDL-SOIL-QT4-2022-08

Tgt Ion:228 Resp: 343798
 Ion Ratio Lower Upper
 228 100
 229 19.4 15.0 22.4
 226 27.6 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.304 ng/ul

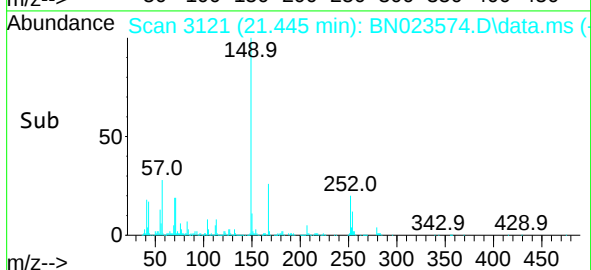
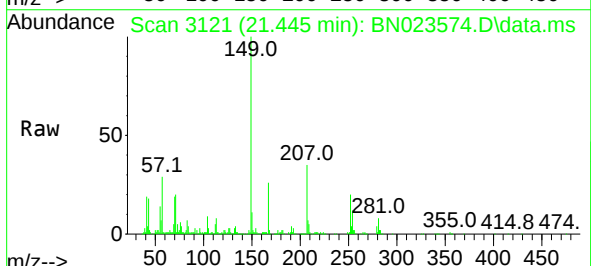
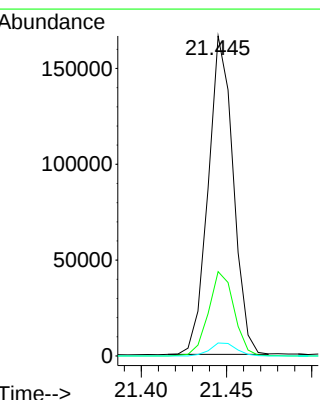
RT: 21.445 min Scan# 3121

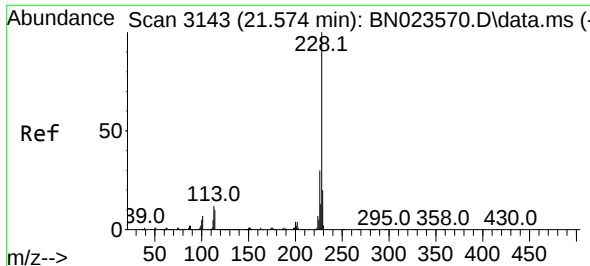
Delta R.T. -0.006 min

Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

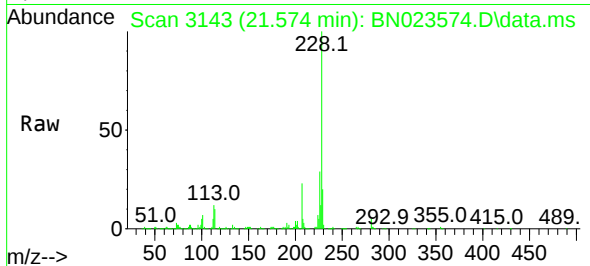
Tgt Ion:149 Resp: 169636
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.0 33.0
 279 4.1 3.4 5.2





#87
Chrysene
Concen: 4.124 ng/ul
RT: 21.574 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

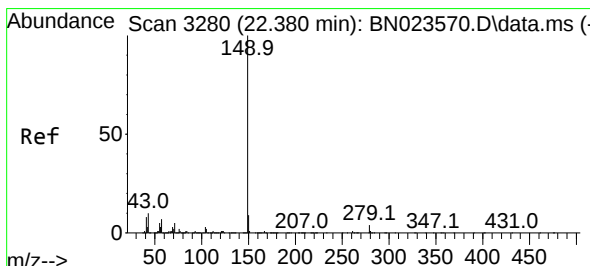
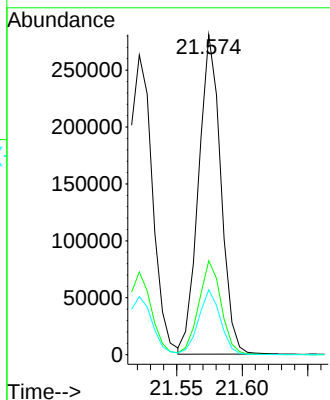
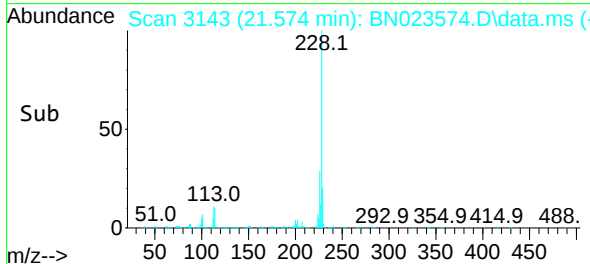
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion:228 Resp: 33115
Ion Ratio Lower Upper
228 100
226 29.4 24.6 37.0
229 20.3 16.8 25.2

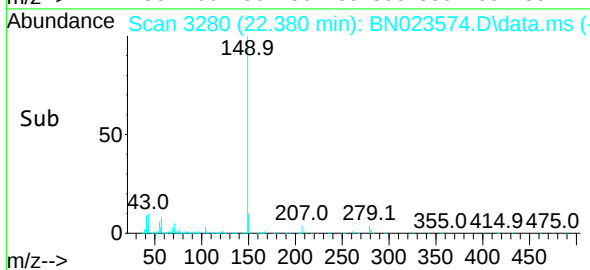
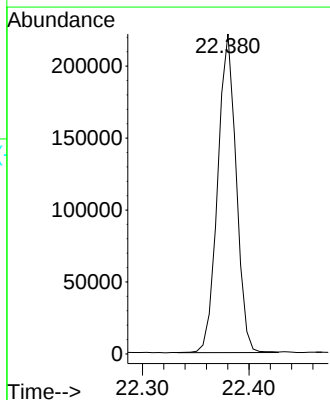
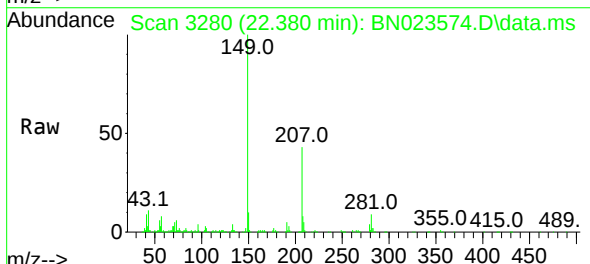
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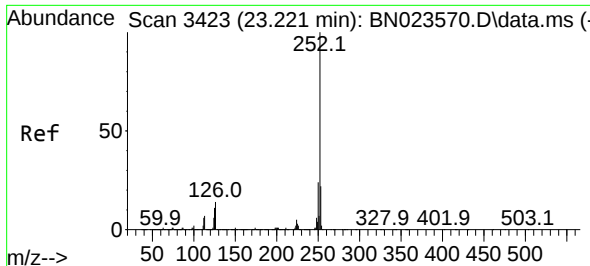
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#89
Di-n-octyl phthalate
Concen: 3.072 ng/ul
RT: 22.380 min Scan# 3280
Delta R.T. 0.000 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

Tgt Ion:149 Resp: 266316





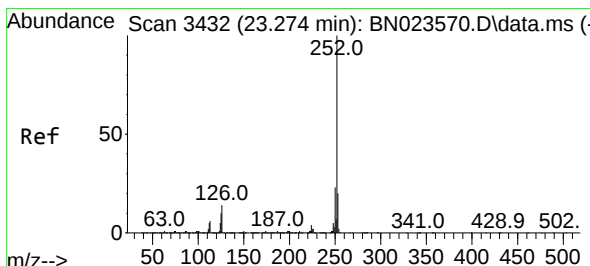
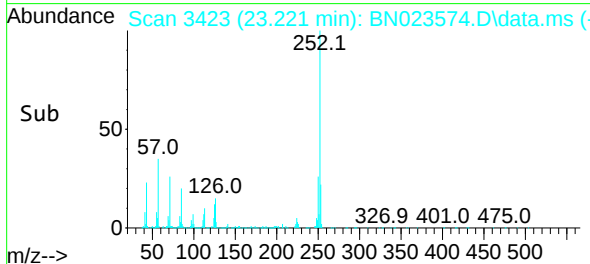
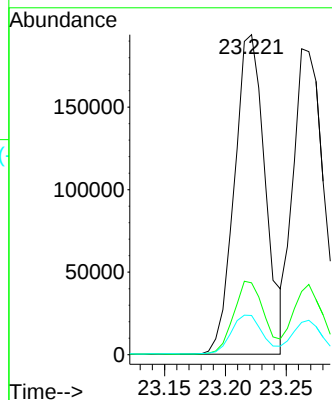
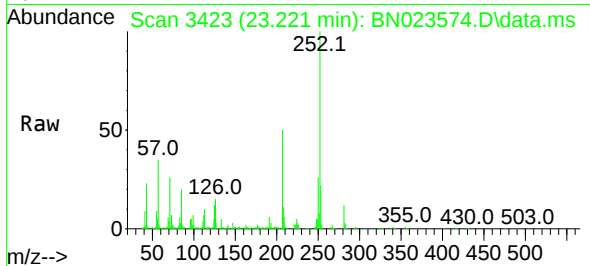
#90
Benzo(b)fluoranthene
Concen: 4.267 ng/ul
RT: 23.221 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2022-08

Tgt Ion:252 Resp: 341425
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.3 8.6 13.0

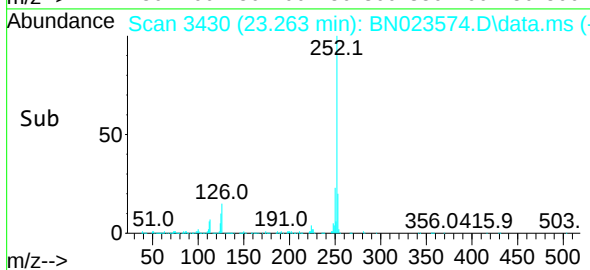
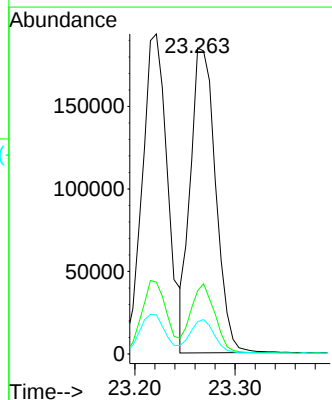
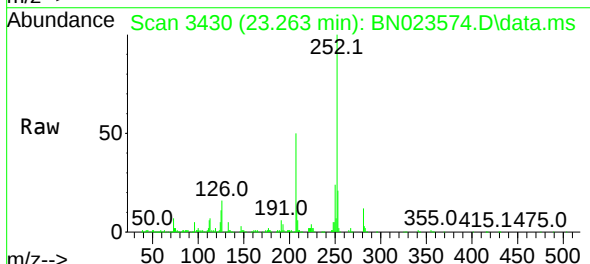
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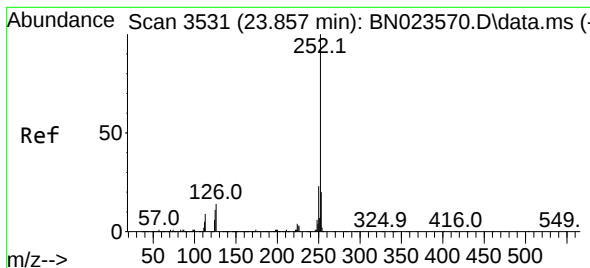
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#91
Benzo(k)fluoranthene
Concen: 4.083 ng/ul
RT: 23.263 min Scan# 3430
Delta R.T. -0.012 min
Lab File: BN023574.D
Acq: 06 Jan 2023 12:53

Tgt Ion:252 Resp: 323088
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.8
125 10.6 8.6 12.8





#93

Benzo(a)pyrene

Concen: 4.326 ng/ul

RT: 23.857 min Scan# 30

Delta R.T. 0.000 min

Lab File: BN023574.D

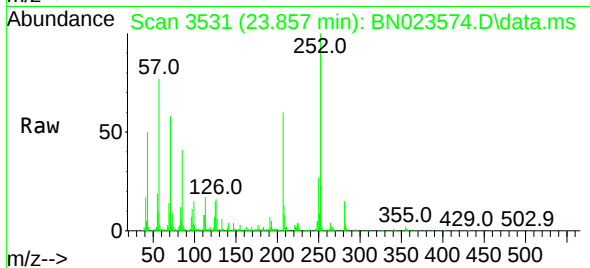
Acq: 06 Jan 2023 12:53

Instrument :

BN023574.D

ClientSampleId :

MDL-SOIL-QT4-2022-08

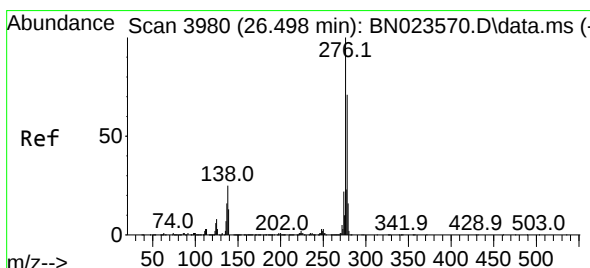
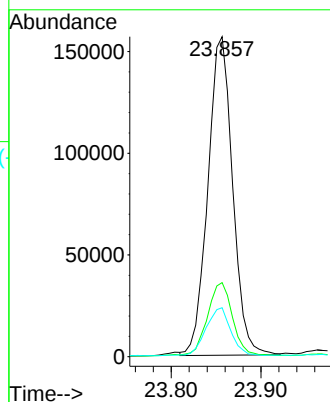
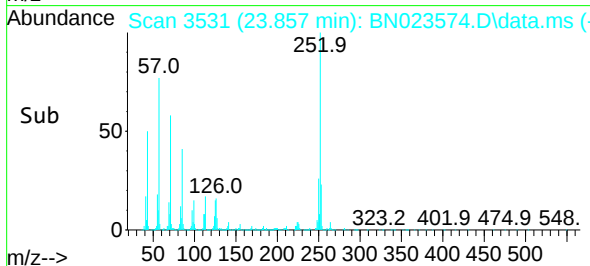


Tgt Ion:	252	Resp:	300189
Ion Ratio	Lower	Upper	
252	100		
253	23.1	16.6	25.0
125	15.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.190 ng/ul

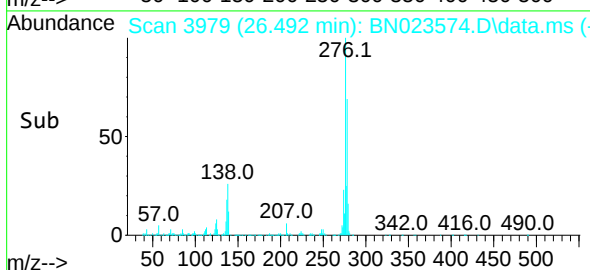
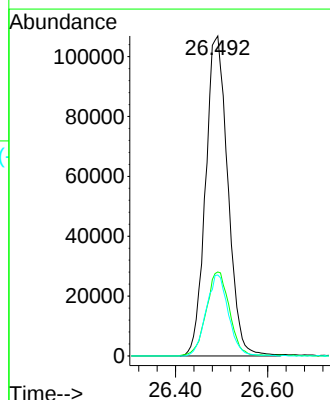
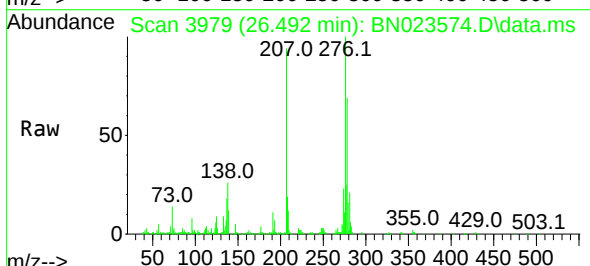
RT: 26.492 min Scan# 3979

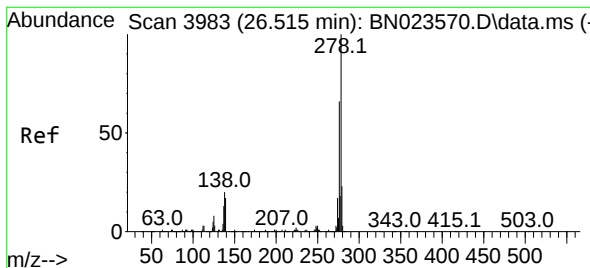
Delta R.T. -0.012 min

Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

Tgt Ion:	276	Resp:	359293
Ion Ratio	Lower	Upper	
276	100		
138	26.3	20.6	30.8
277	25.3	18.9	28.3





#95

Dibenzo(a,h)anthracene

Concen: 4.232 ng/ul

RT: 26.509 min Scan# 3982

Delta R.T. -0.012 min

Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

Instrument :

BNA_N

ClientSampleId :

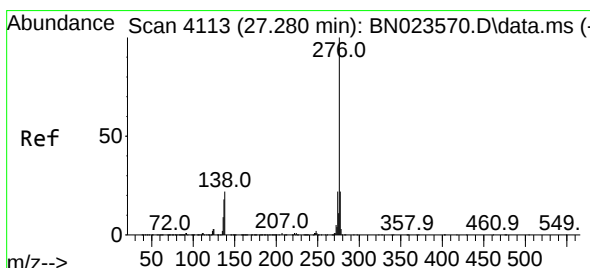
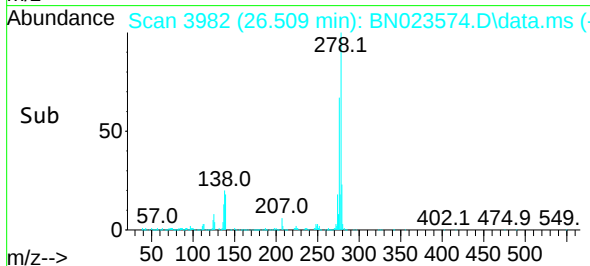
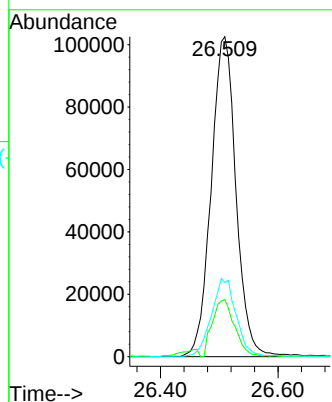
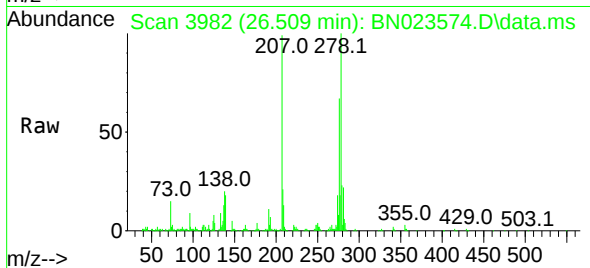
MDL-SOIL-QT4-2022-08

Tgt Ion:	278	Resp:	30005
Ion Ratio	Lower	Upper	
278	100		
139	17.8	14.1	21.1
279	23.2	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#96

Benzo(g,h,i)perylene

Concen: 4.033 ng/ul

RT: 27.262 min Scan# 4110

Delta R.T. -0.024 min

Lab File: BN023574.D

Acq: 06 Jan 2023 12:53

Tgt Ion:	276	Resp:	275454
Ion Ratio	Lower	Upper	
276	100		
138	22.5	17.0	25.6
277	23.8	17.6	26.4

