

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
 Data File : BN029248.D
 Acq On : 16 Jan 2024 14:31
 Operator : MA/JU
 Sample : 03573-05
 Misc : SFAM-ME-MDL-SOIL-01
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-05

Quant Time: Jan 17 01:29:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	133977	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	620518	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	419265	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	962895	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	963096	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1116696	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15799	4.870	ng/uL	0.00
4) Pyridine-d5	3.781	84	223456	22.332	ng/u1	0.00
7) Phenol-d5	7.105	99	260462	20.262	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	174656	21.542	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	200675	22.069	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	211493	20.406	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	103452	22.981	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	85117	22.799	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	193040	20.773	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	325948	19.380	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	747387	21.656	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	832397	21.417	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	113407	18.881	ng/u1	0.00
60) Fluorene-d10	15.575	176	641664	21.816	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	63737	15.740	ng/u1	0.00
73) Anthracene-d10	17.433	188	1018186	21.035	ng/u1	0.00
81) Pyrene-d10	19.727	212	1194699	22.324	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	1232760	21.419	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	3594m	1.092	ng/uL	
5) Pyridine	3.805	79	42952	4.202	ng/u1#	68
6) Benzaldehyde	7.087	77	35922m	6.227	ng/u1	
8) Phenol	7.128	94	51128	3.913	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.375	93	44391	4.186	ng/u1	98
12) 2-Chlorophenol	7.499	128	40964	4.328	ng/u1	99
13) 2-Methylphenol	8.387	108	38154	3.834	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.469	45	58350	4.303	ng/u1	96
16) Acetophenone	8.769	105	74043	4.216	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.757	70	40145	4.343	ng/u1	99
18) 4-Methylphenol	8.710	108	42816	3.998	ng/u1	95
19) Hexachloroethane	9.016	117	18337	4.267	ng/u1	86
22) Nitrobenzene	9.152	77	54241	4.358	ng/u1	99
23) Isophorone	9.675	82	108215	4.091	ng/u1	97
25) 2-Nitrophenol	9.857	139	18594	4.254	ng/u1	92
26) 2,4-Dimethylphenol	9.922	107	47287	4.046	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	63127	4.239	ng/u1#	94
29) 2,4-Dichlorophenol	10.393	162	38503	4.213	ng/u1	95
30) Naphthalene	10.793	128	149193	4.217	ng/u1	98
32) 4-Chloroaniline	10.910	127	64634	3.950	ng/u1	99
33) Hexachlorobutadiene	11.075	225	27914	4.327	ng/u1	96
34) Caprolactam	11.698	113	14995m	4.048	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	42624	3.931	ng/u1	97
36) 2-Methylnaphthalene	12.404	142	104704	4.232	ng/u1	99

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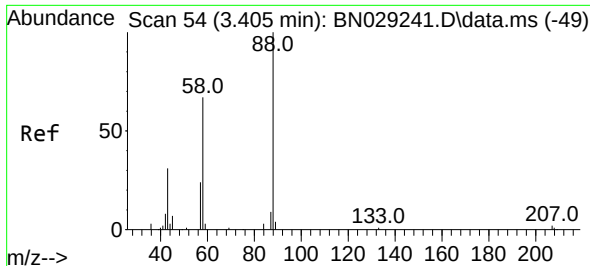
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

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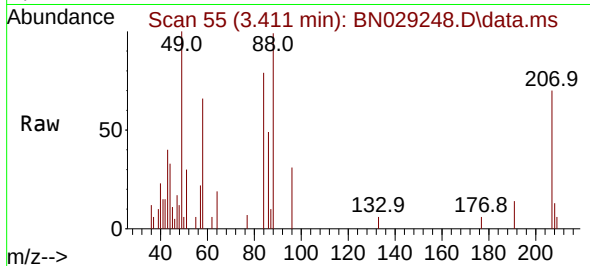
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	108210	4.408	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	55621	4.257	ng/ul	98
40) Hexachlorocyclopentadiene	12.740	237	38858	4.442	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.010	196	26137	3.610	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	32098	3.949	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	142516	4.218	ng/ul	97
44) 2-Chloronaphthalene	13.457	162	112220	4.252	ng/ul	97
45) 2-Nitroaniline	13.669	65	26499	3.788	ng/ul	96
47) Dimethylphthalate	14.051	163	150637	4.286	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	21535	3.790	ng/ul	98
50) Acenaphthylene	14.304	152	192366	4.266	ng/ul	99
51) 3-Nitroaniline	14.492	138	22614	3.664	ng/ul#	93
52) Acenaphthene	14.645	153	124565	4.208	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	11171	4.600	ng/ul	96
55) 4-Nitrophenol	14.792	109	25224	4.584	ng/ul	95
56) Dibenzofuran	14.981	168	168940	4.220	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	32560	3.913	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.204	232	24485	3.651	ng/ul	100
59) Diethylphthalate	15.416	149	150400	4.102	ng/ul	98
61) Fluorene	15.634	166	145366	4.193	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	72913	4.304	ng/ul	98
63) 4-Nitroaniline	15.651	138	25054	4.122	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.710	198	18314	3.928	ng/ul#	89
67) N-Nitrosodiphenylamine	15.845	169	120532	4.128	ng/ul	98
68) 4-Bromophenyl-phenylether	16.528	248	35199	3.270	ng/ul	99
69) Hexachlorobenzene	16.622	284	53672	4.143	ng/ul	93
70) Atrazine	16.804	200	50411	4.547	ng/ul	98
71) Pentachlorophenol	16.975	266	26418	3.775	ng/ul	97
72) Phenanthrene	17.375	178	237388	4.249	ng/ul	99
74) Anthracene	17.469	178	233101	4.018	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	54351	4.175	ng/uL	94
76) Pentachlorobenzene	14.892	250	61603	4.571	ng/uL	98
77) Carbazole	17.739	167	207722	3.872	ng/ul	99
78) Di-n-butylphthalate	18.322	149	244690	3.740	ng/ul	99
80) Fluoranthene	19.392	202	267887	4.236	ng/ul	99
82) Pyrene	19.757	202	296059	4.408	ng/ul	99
83) Butylbenzylphthalate	20.686	149	90194	3.434	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.457	252	83993	3.759	ng/ul	97
85) Benzo(a)anthracene	21.516	228	300337	4.232	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	151113	3.485	ng/ul	100
87) Chrysene	21.569	228	284397	4.333	ng/ul	95
89) Di-n-octyl phthalate	22.421	149	230524	2.928	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	277099	3.913	ng/ul	97
91) Benzo(k)fluoranthene	23.263	252	276213	3.914	ng/ul	97
93) Benzo(a)pyrene	23.845	252	268488	3.999	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.451	276	310933	3.659	ng/ul	96
95) Dibenzo(a,h)anthracene	26.474	278	269911	3.809	ng/ul	98
96) Benzo(g,h,i)perylene	27.215	276	248973	3.669	ng/ul	96

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



#2
1,4-Dioxane
Concen: 1.092 ng/uL m
RT: 3.411 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

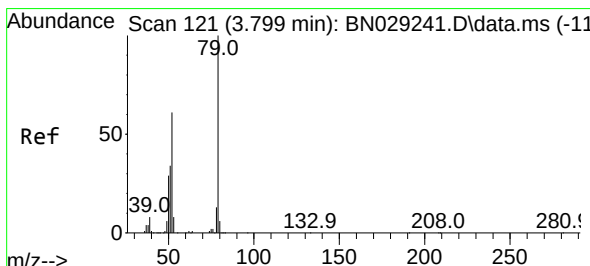
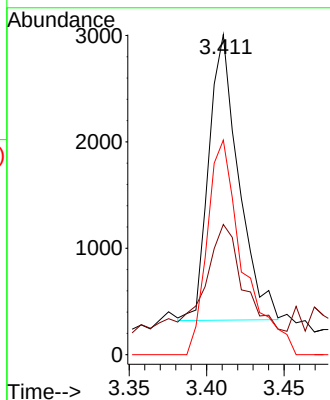
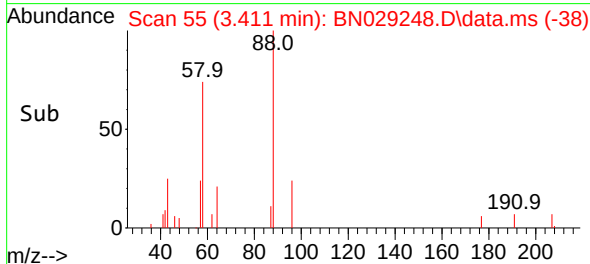
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



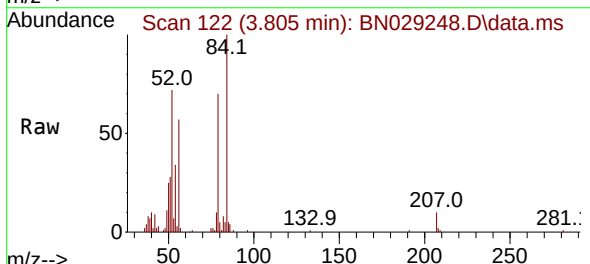
Tgt Ion: 88 Resp: 3594
Ion Ratio Lower Upper
88 100
43 40.7 26.3 39.5
58 67.0 49.7 74.5

Manual Integrations
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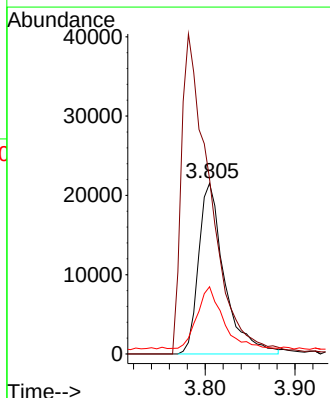
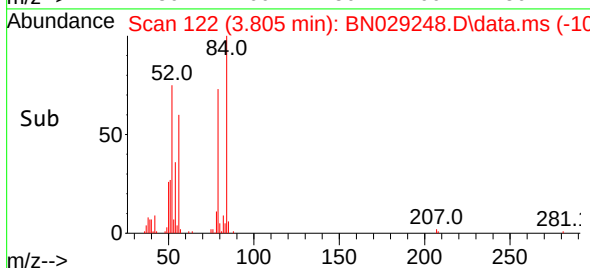
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

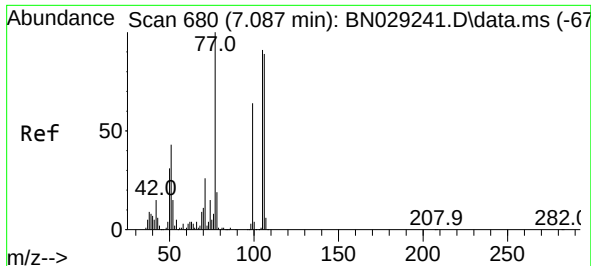


#5
Pyridine
Concen: 4.202 ng/uL
RT: 3.805 min Scan# 122
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



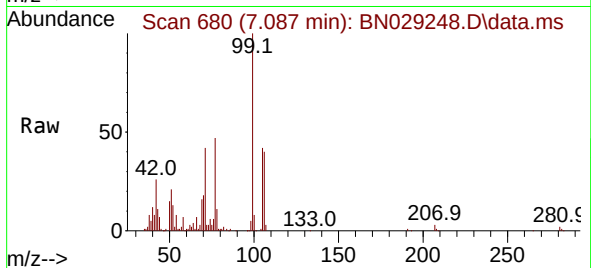
Tgt Ion: 79 Resp: 42952
Ion Ratio Lower Upper
79 100
52 102.5 53.8 80.8
51 39.4 27.4 41.0





#6
Benzaldehyde
Concen: 6.227 ng/ul m
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

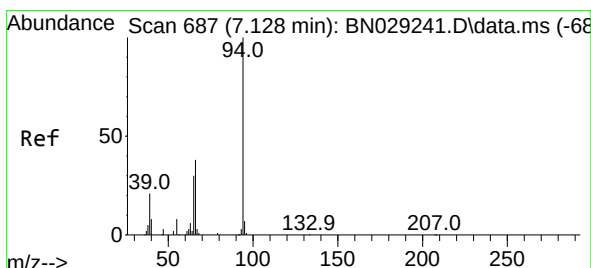
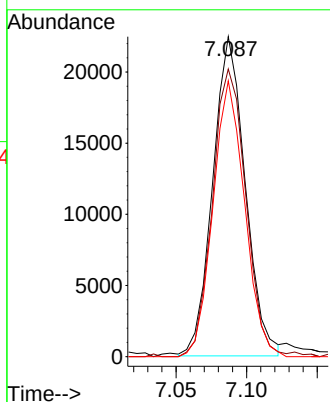
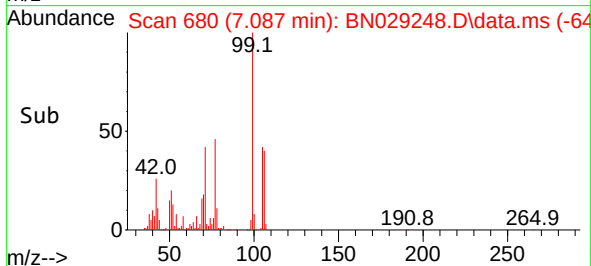
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 77 Resp: 3592
Ion Ratio Lower Upper
77 100
105 89.9 73.3 109.9
106 86.2 72.5 108.7

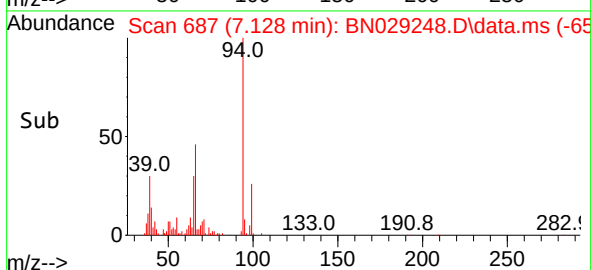
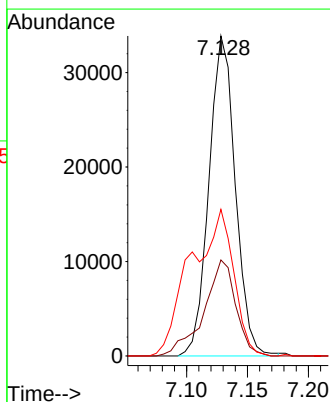
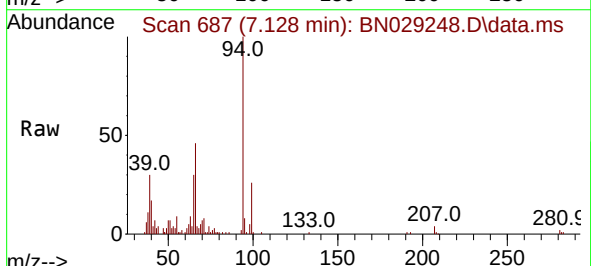
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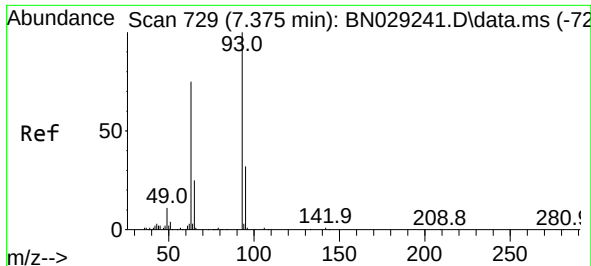
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#8
Phenol
Concen: 3.913 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

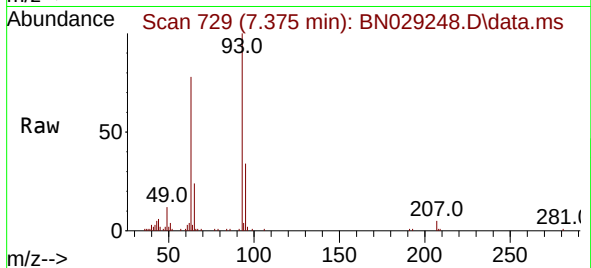
Tgt Ion: 94 Resp: 51128
Ion Ratio Lower Upper
94 100
65 30.0 25.6 38.4
66 45.8 33.8 50.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.186 ng/ul
RT: 7.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

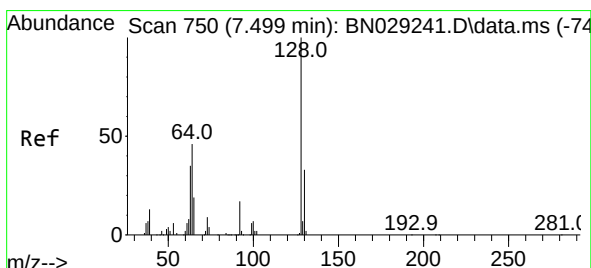
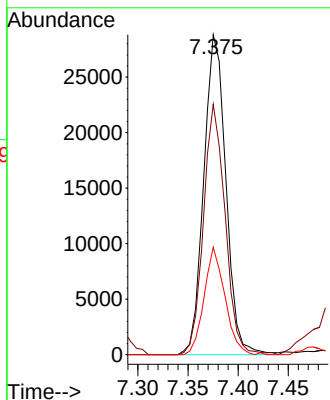
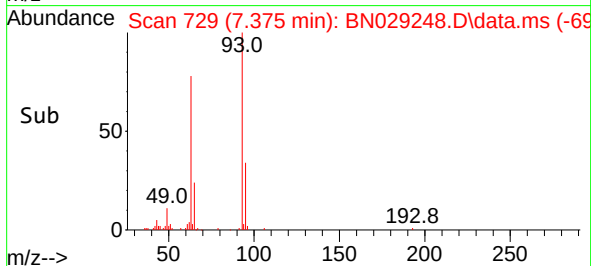
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



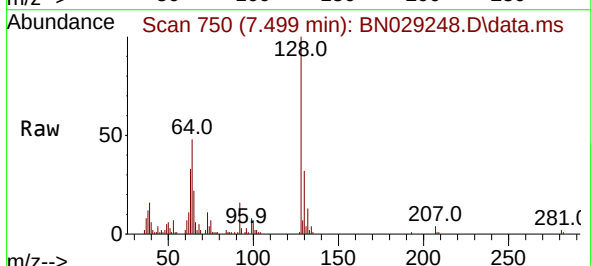
Tgt Ion: 93 Resp: 4439
Ion Ratio Lower Upper
93 100
63 78.2 60.6 91.0
95 33.5 26.1 39.1

Manual Integrations
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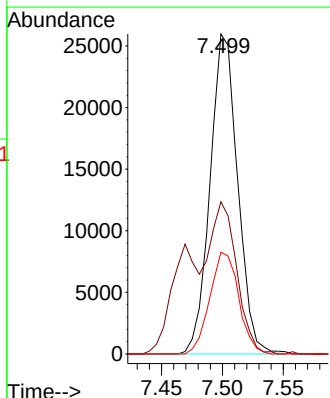
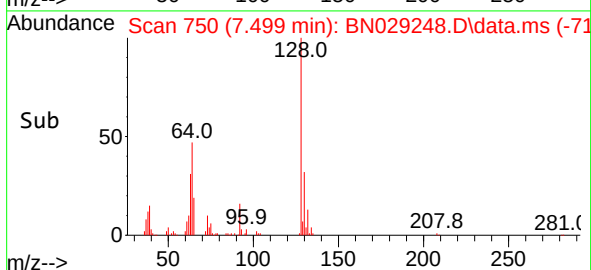
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

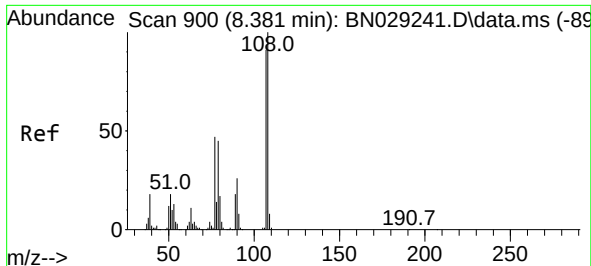


#12
2-Chlorophenol
Concen: 4.328 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



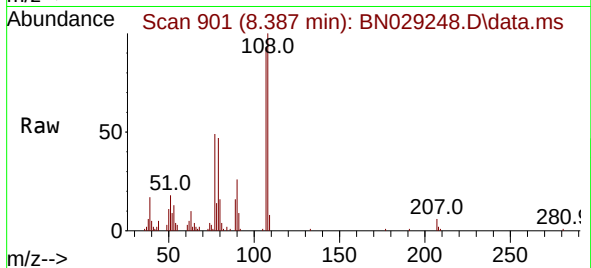
Tgt Ion:128 Resp: 40964
Ion Ratio Lower Upper
128 100
64 47.6 38.6 57.8
130 31.8 25.5 38.3





#13
2-Methylphenol
Concen: 3.834 ng/ul
RT: 8.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

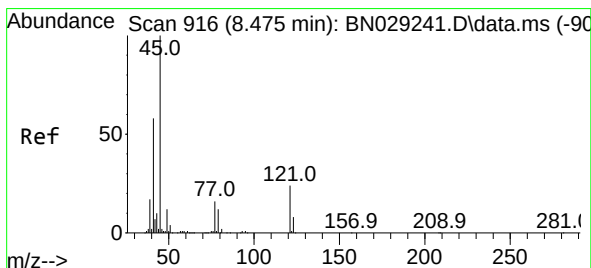
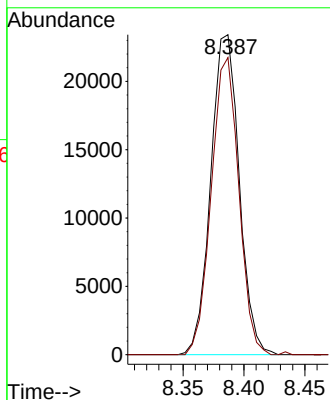
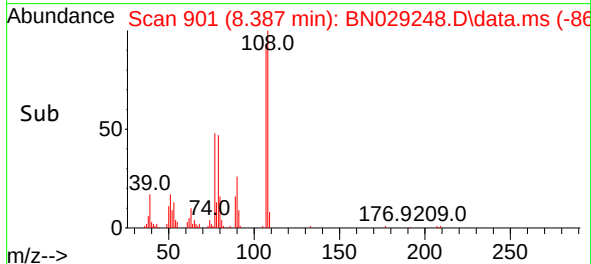
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Tgt Ion:108 Resp: 38154
Ion Ratio Lower Upper
108 100
107 92.9 69.2 103.8

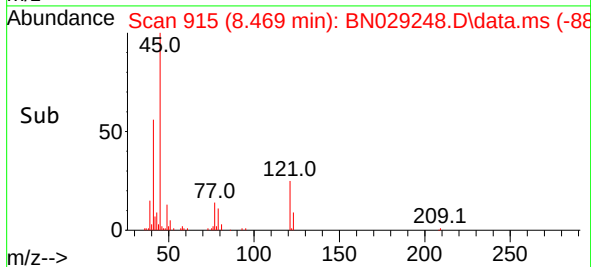
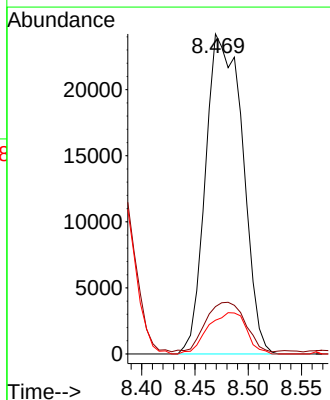
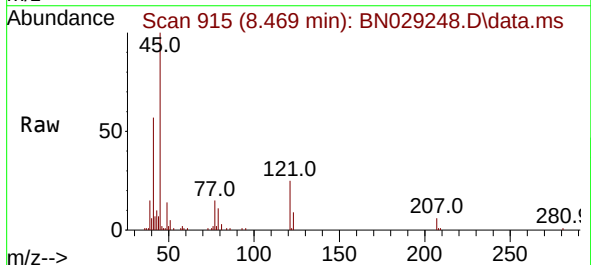
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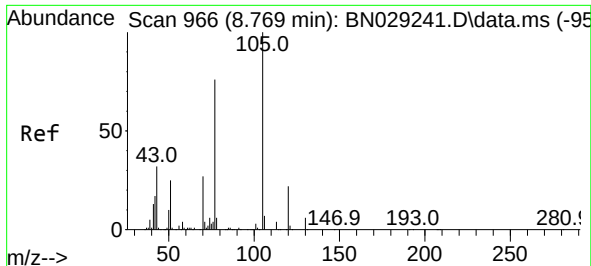
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.303 ng/ul
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

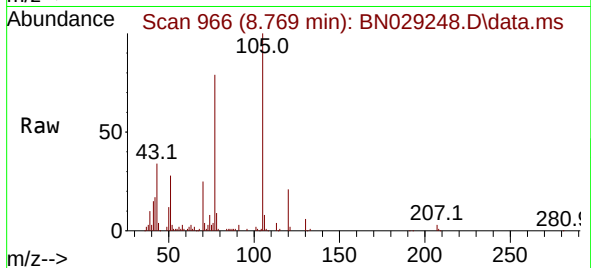
Tgt Ion: 45 Resp: 58350
Ion Ratio Lower Upper
45 100
77 14.8 13.1 19.7
79 10.6 10.0 15.0





#16
Acetophenone
Concen: 4.216 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

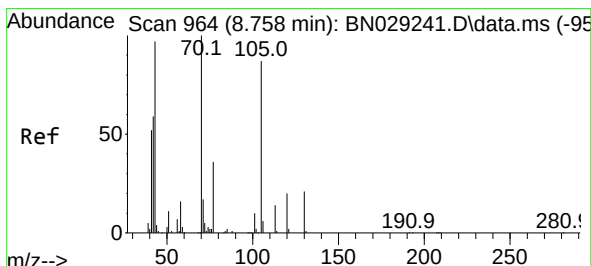
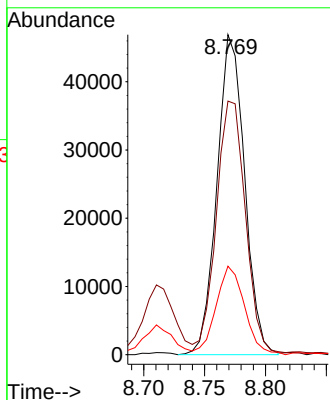
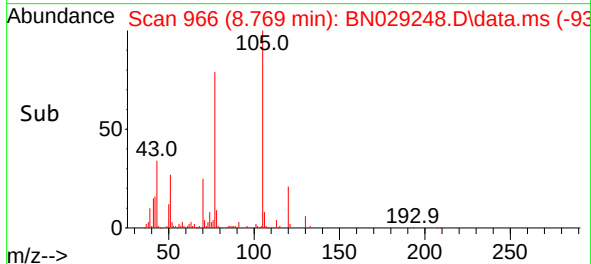
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



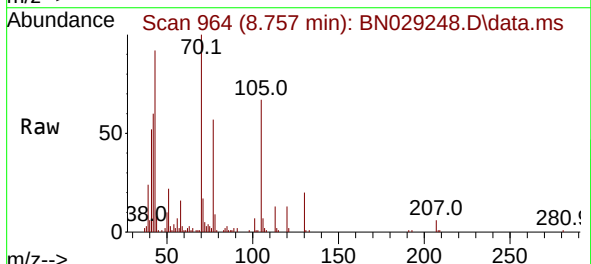
Tgt Ion:	105	Resp:	7404
Ion Ratio	Lower	Upper	
105	100		
77	79.3	65.8	98.6
51	27.6	21.8	32.6

Manual Integrations
APPROVED

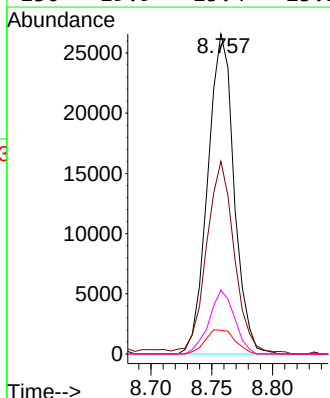
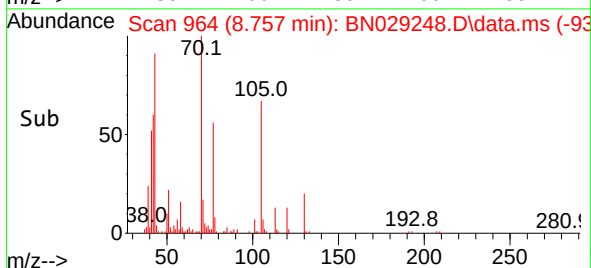
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

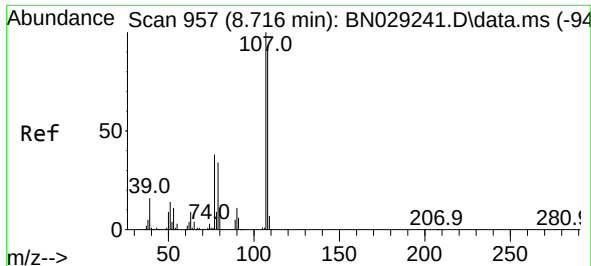


#17
N-Nitroso-di-n-propylamine
Concen: 4.343 ng/ul
RT: 8.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



Tgt Ion:	70	Resp:	40145
Ion Ratio	Lower	Upper	
70	100		
42	60.2	48.3	72.5
101	7.4	7.1	10.7
130	19.9	15.4	23.2





#18

4-Methylphenol

Concen: 3.998 ng/ul

RT: 8.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN029248.D

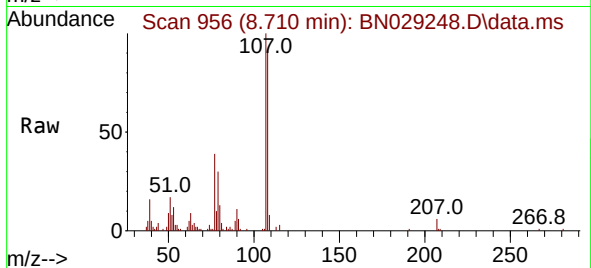
Acq: 16 Jan 2024 14:31

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05



Tgt Ion:108 Resp: 42810

Ion Ratio Lower Upper

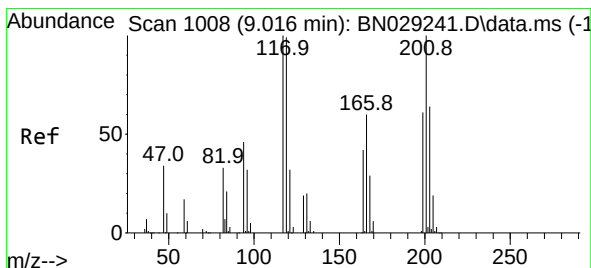
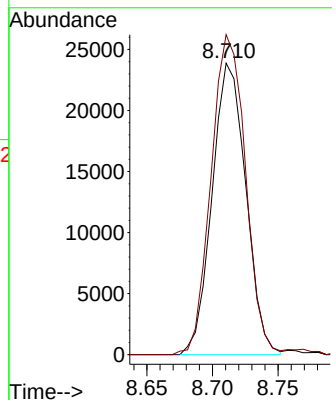
108 100

107 109.8 92.5 138.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#19

Hexachloroethane

Concen: 4.267 ng/ul

RT: 9.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BN029248.D

Acq: 16 Jan 2024 14:31

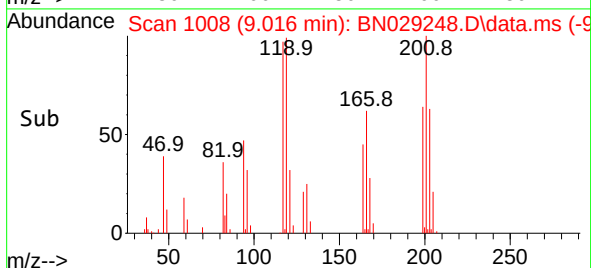
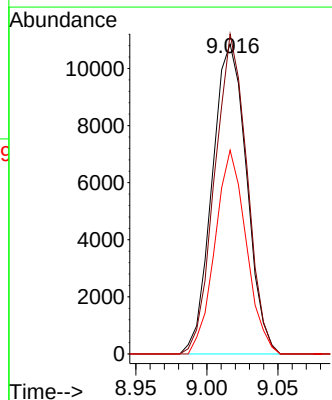
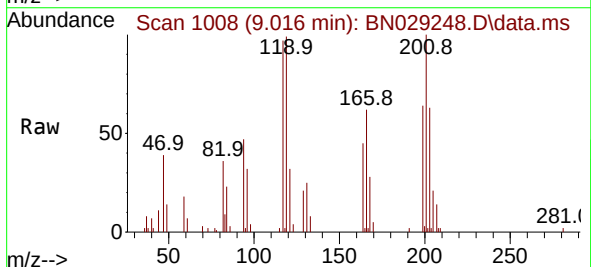
Tgt Ion:117 Resp: 18337

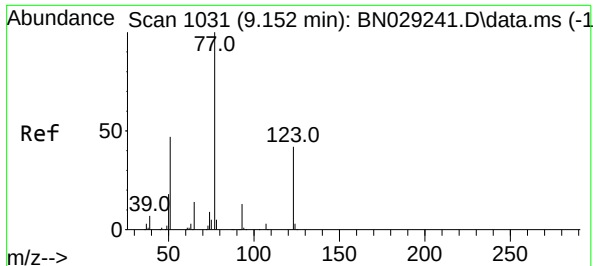
Ion Ratio Lower Upper

117 100

201 105.5 70.6 106.0

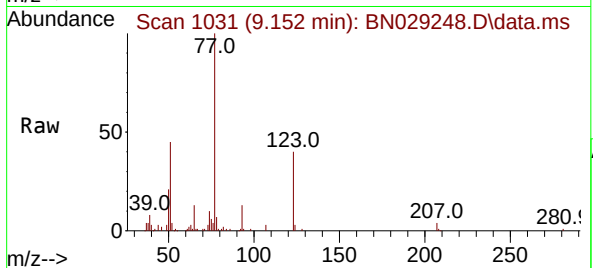
199 65.7 47.9 71.9





#22
Nitrobenzene
Concen: 4.358 ng/u1
RT: 9.152 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

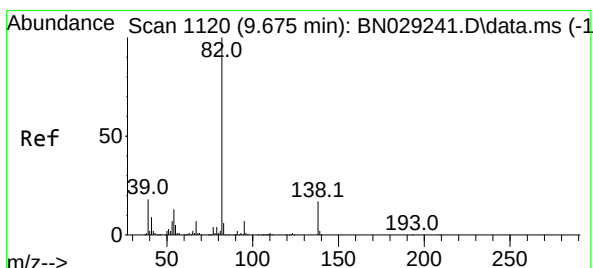
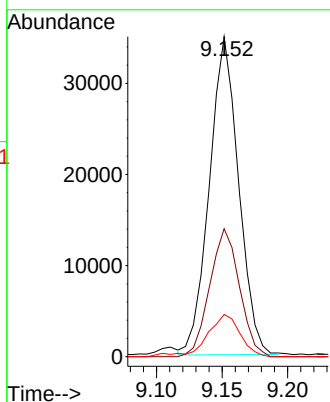
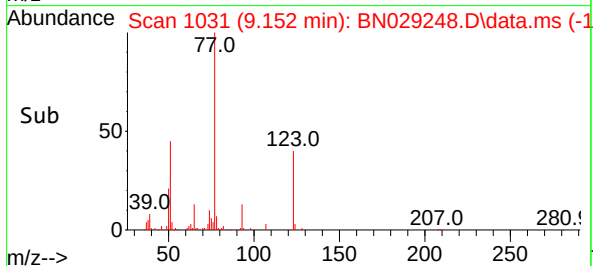
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 77 Resp: 5424
Ion Ratio Lower Upper
77 100
123 40.0 31.4 47.0
65 13.2 10.9 16.3

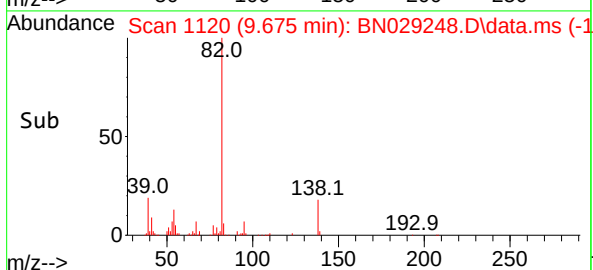
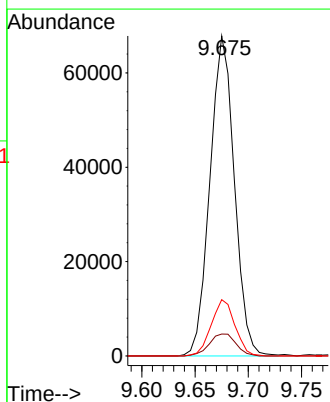
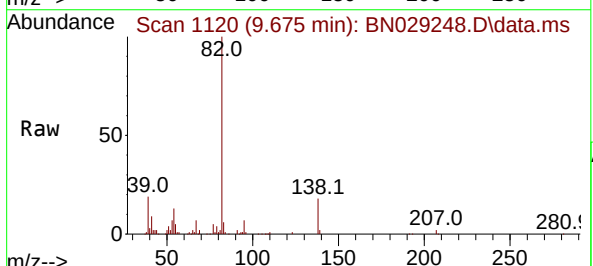
Manual Integrations
APPROVED

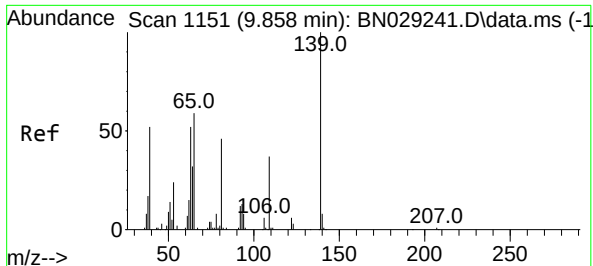
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#23
Isophorone
Concen: 4.091 ng/u1
RT: 9.675 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

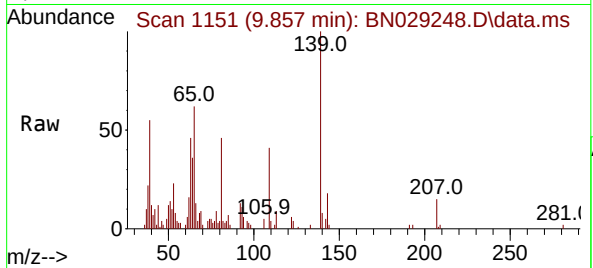
Tgt Ion: 82 Resp: 108215
Ion Ratio Lower Upper
82 100
95 6.8 5.9 8.9
138 17.6 12.9 19.3





#25
2-Nitrophenol
Concen: 4.254 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

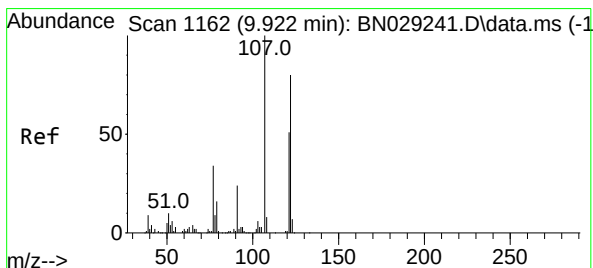
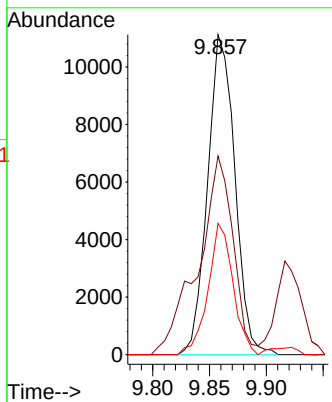
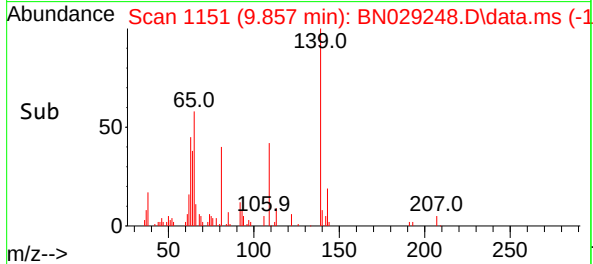
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:139 Resp: 18594
Ion Ratio Lower Upper
139 100
65 62.0 45.5 68.3
109 41.0 28.6 42.8

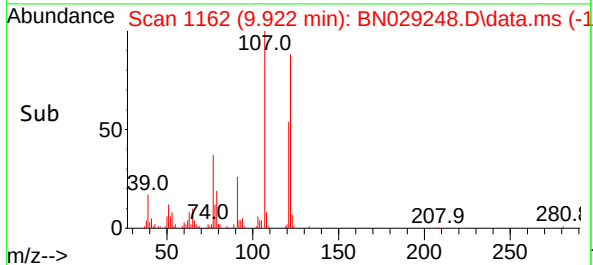
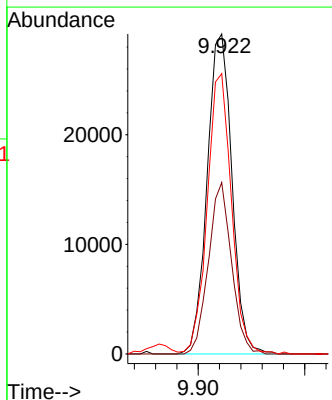
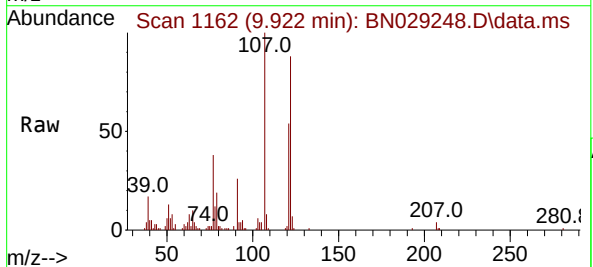
Manual Integrations
APPROVED

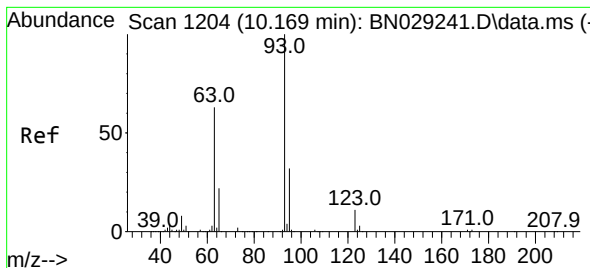
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#26
2,4-Dimethylphenol
Concen: 4.046 ng/ul
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

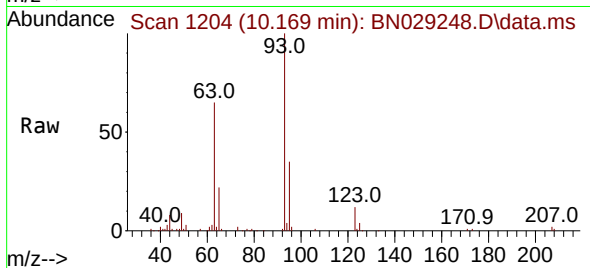
Tgt Ion:107 Resp: 47287
Ion Ratio Lower Upper
107 100
121 53.5 40.1 60.1
122 87.6 68.4 102.6





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.239 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

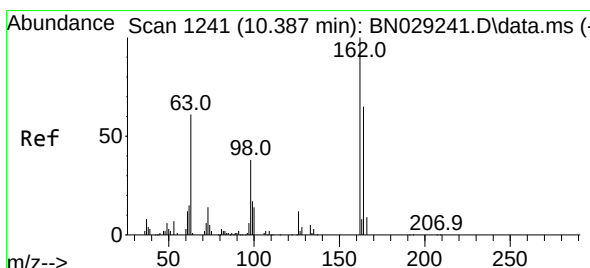
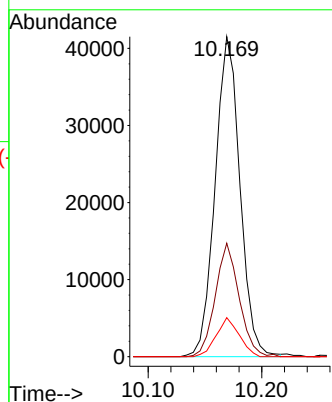
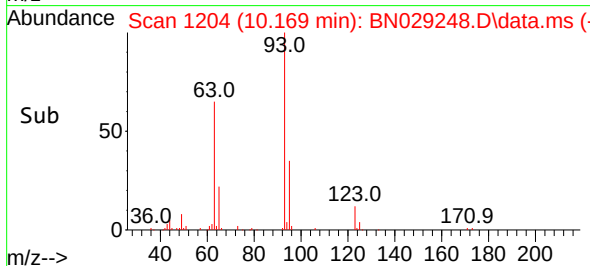
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 93 Resp: 6312
 Ion Ratio Lower Upper
 93 100
 95 35.5 25.8 38.8
 123 12.2 7.9 11.9

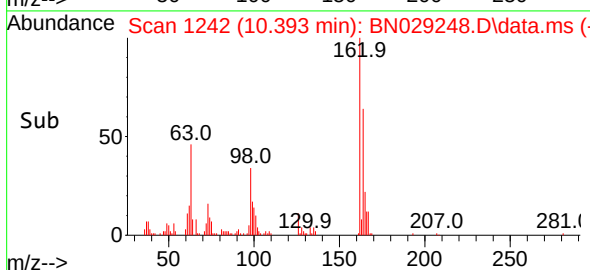
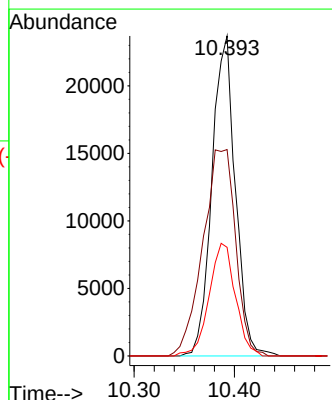
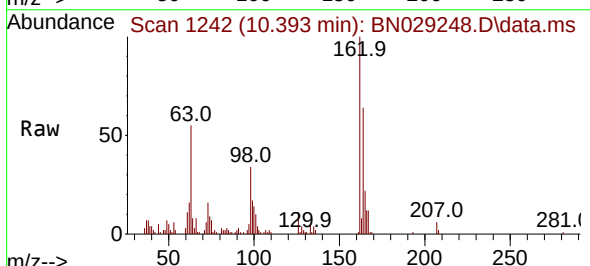
Manual Integrations
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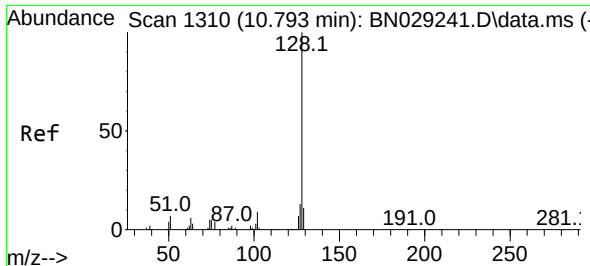
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#29
 2,4-Dichlorophenol
 Concen: 4.213 ng/ul
 RT: 10.393 min Scan# 1242
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

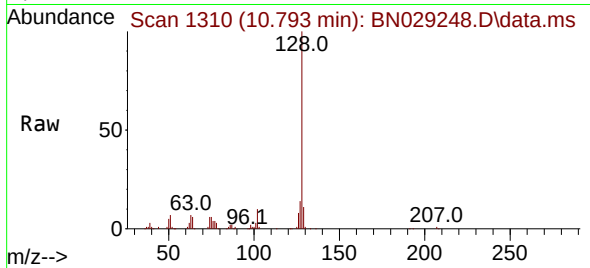
Tgt Ion:162 Resp: 38503
 Ion Ratio Lower Upper
 162 100
 164 64.5 53.6 80.4
 98 34.0 30.8 46.2





#30
Naphthalene
Concen: 4.217 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

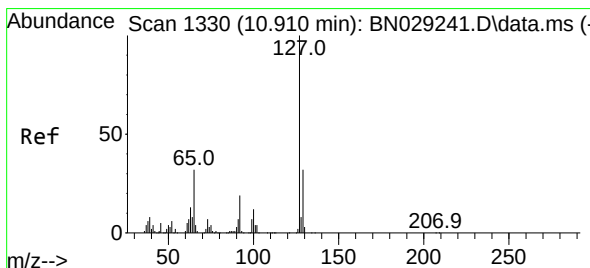
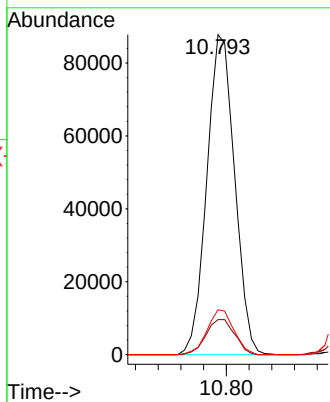
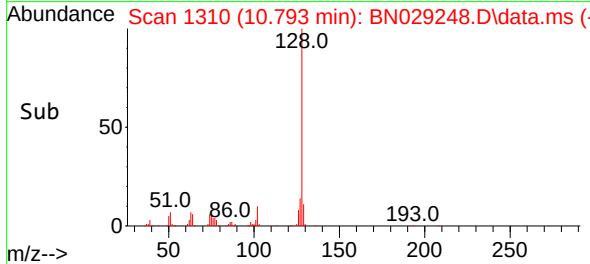
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:128 Resp: 149193
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 14.0 10.5 15.7

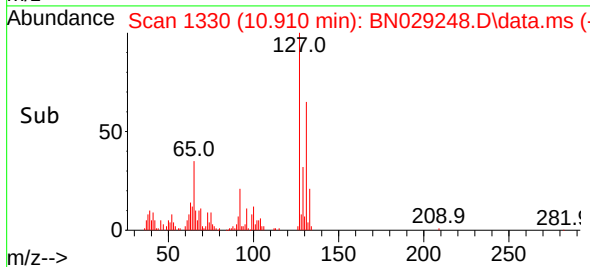
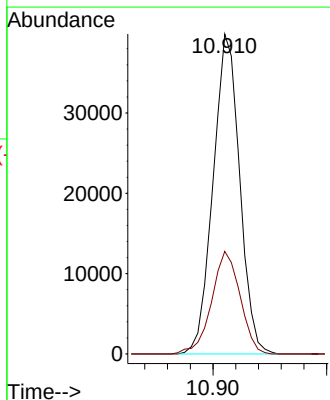
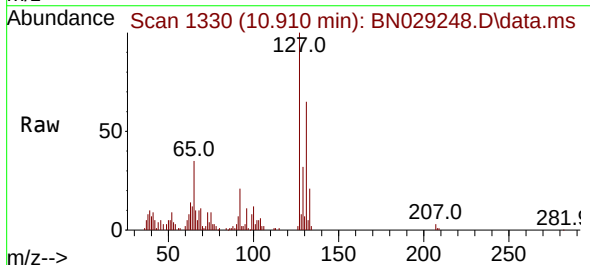
Manual Integrations
APPROVED

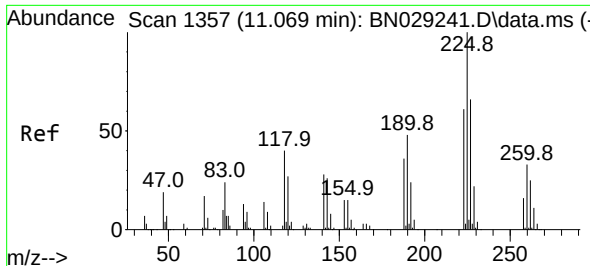
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#32
4-Chloroaniline
Concen: 3.950 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

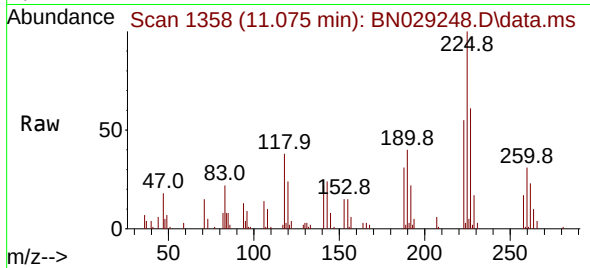
Tgt Ion:127 Resp: 64634
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1





#33
Hexachlorobutadiene
Concen: 4.327 ng/ul
RT: 11.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

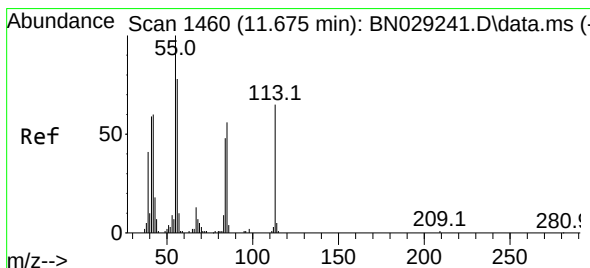
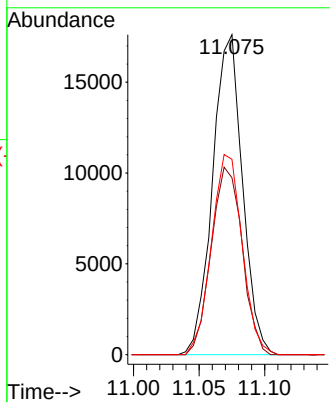
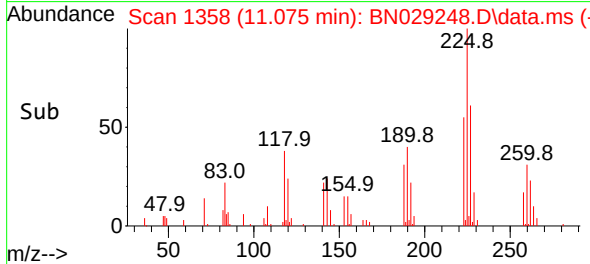
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:225 Resp: 27914
Ion Ratio Lower Upper
225 100
223 55.3 48.0 72.0
227 61.1 47.8 71.6

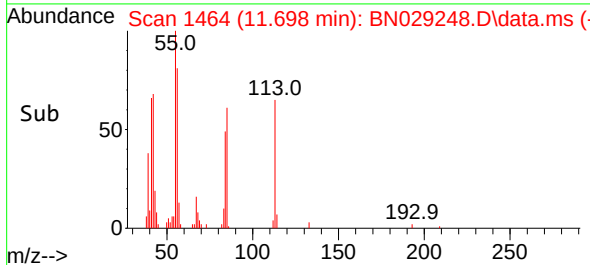
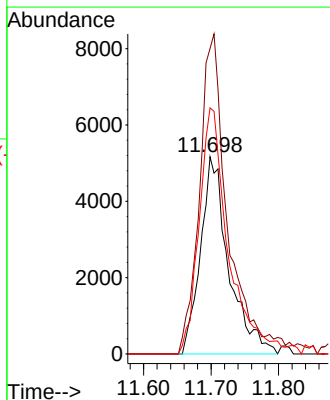
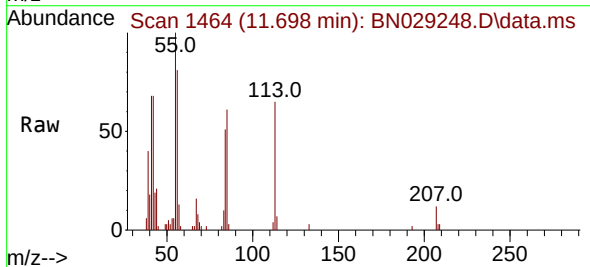
Manual Integrations
APPROVED

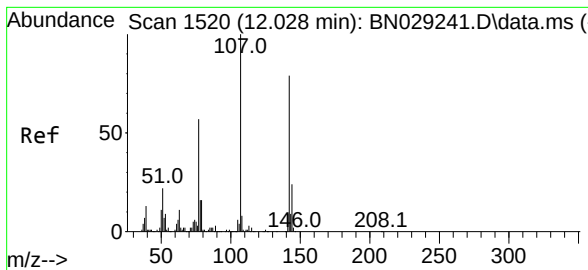
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#34
Caprolactam
Concen: 4.048 ng/ul m
RT: 11.698 min Scan# 1464
Delta R.T. 0.024 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

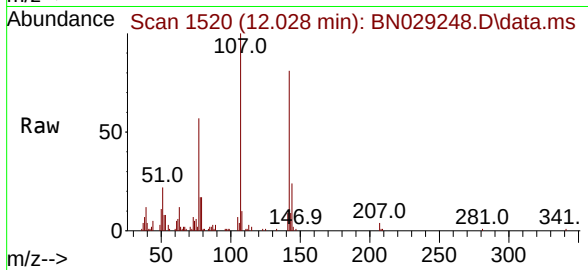
Tgt Ion:113 Resp: 14995
Ion Ratio Lower Upper
113 100
55 154.9 132.9 199.3
56 124.8 96.5 144.7





#35
4-Chloro-3-methylphenol
Concen: 3.931 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

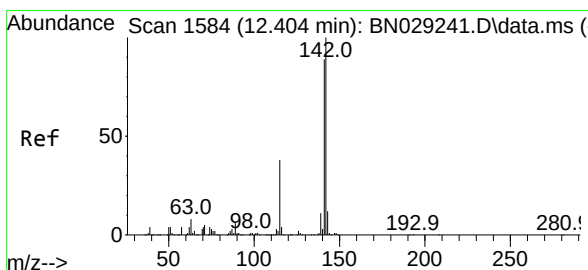
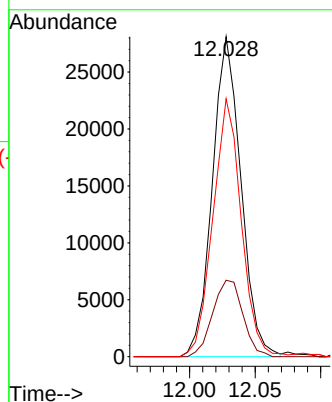
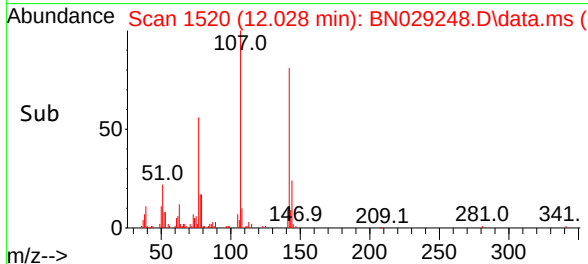
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



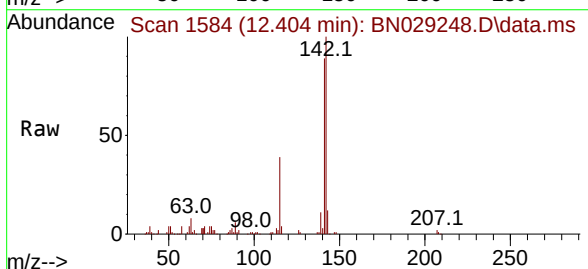
Tgt Ion:107 Resp: 42624
Ion Ratio Lower Upper
107 100
144 23.9 20.2 30.2
142 80.6 62.6 93.8

Manual Integrations
APPROVED

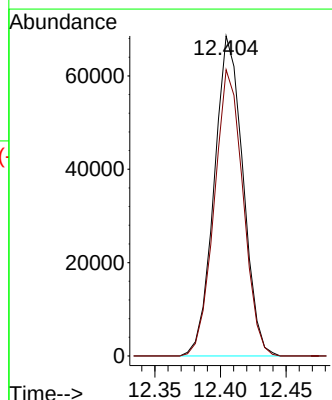
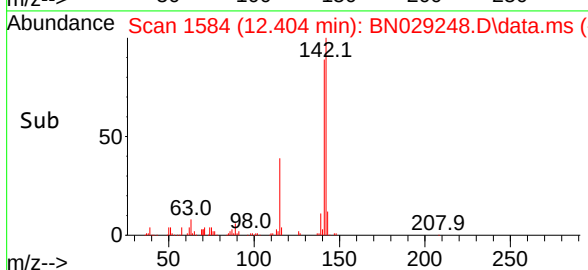
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

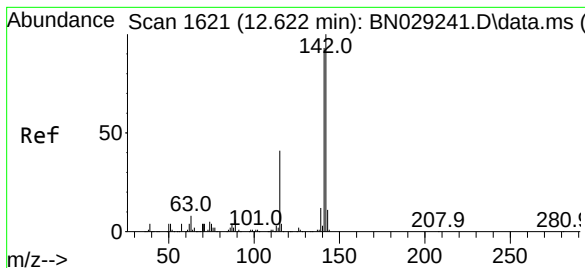


#36
2-Methylnaphthalene
Concen: 4.232 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



Tgt Ion:142 Resp: 104704
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6





#37

1-Methylnaphthalene

Concen: 4.408 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BN029248.D

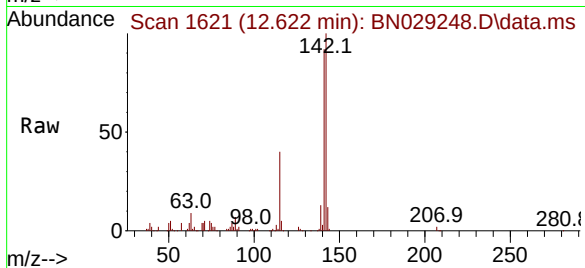
Acq: 16 Jan 2024 14:31

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05



Tgt Ion:142 Resp: 108210

Ion Ratio Lower Upper

142 100

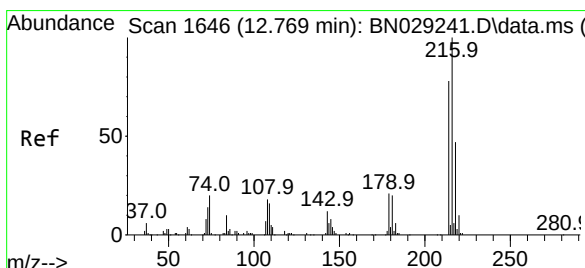
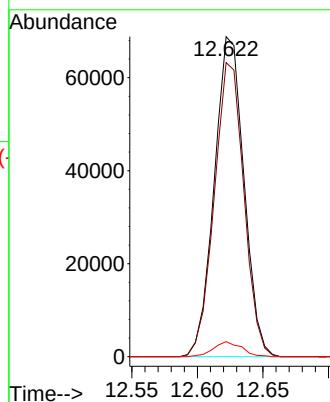
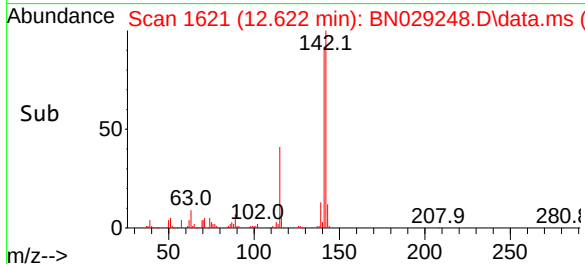
141 91.9 74.6 112.0

116 4.7 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.257 ng/ul

RT: 12.769 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BN029248.D

Acq: 16 Jan 2024 14:31

Tgt Ion:216 Resp: 55621

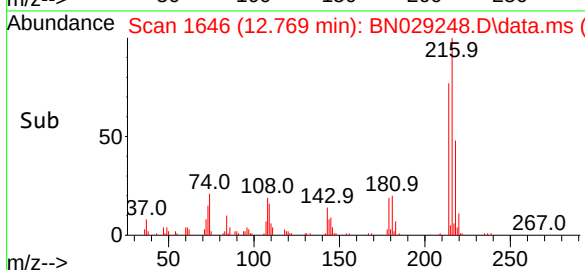
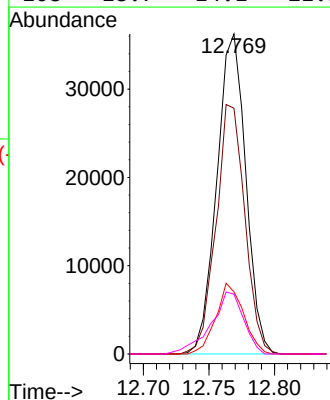
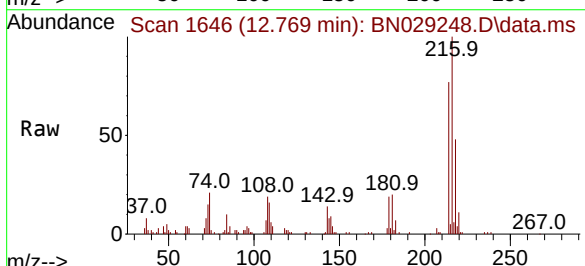
Ion Ratio Lower Upper

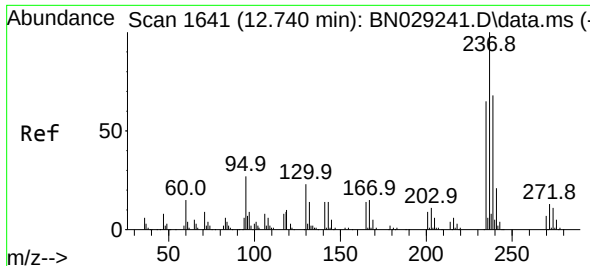
216 100

214 76.8 60.3 90.5

179 19.4 17.0 25.4

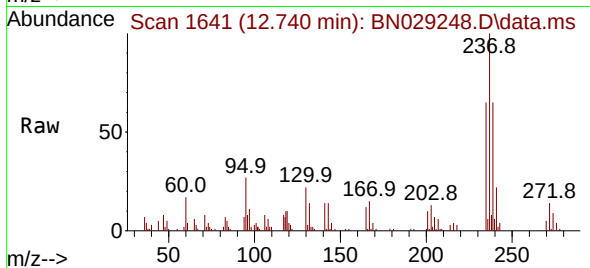
108 18.7 14.1 21.1





#40
Hexachlorocyclopentadiene
Concen: 4.442 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

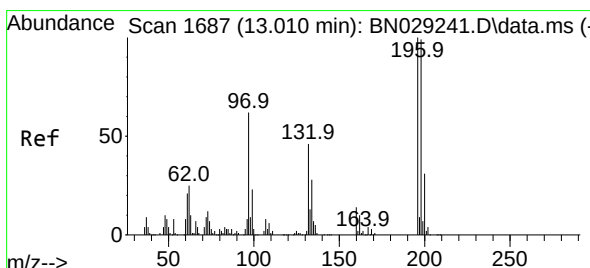
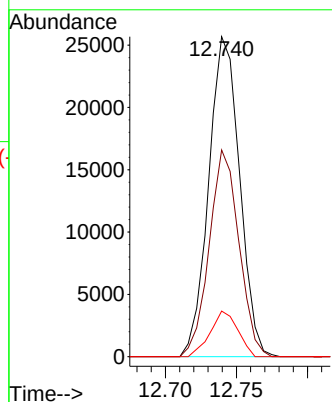
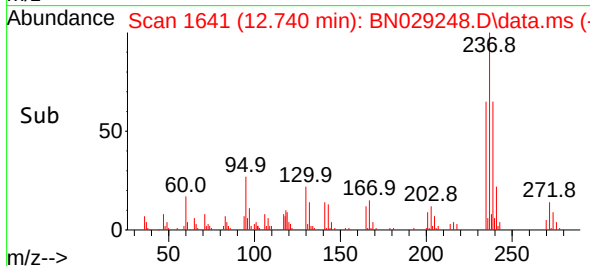
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:237 Resp: 3885
Ion Ratio Lower Upper
237 100
235 64.6 47.0 70.4
272 15.1 9.3 13.9

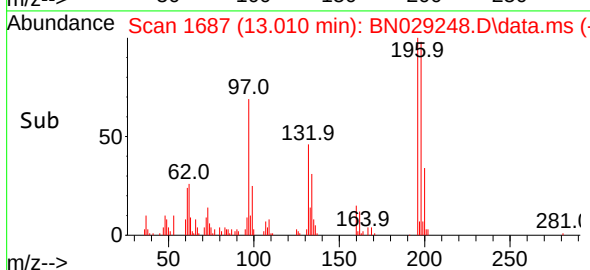
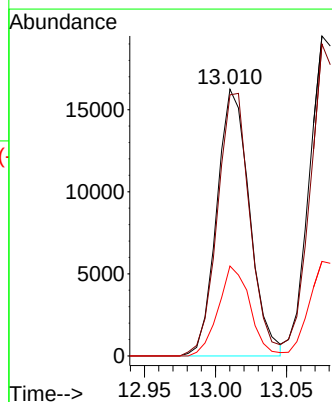
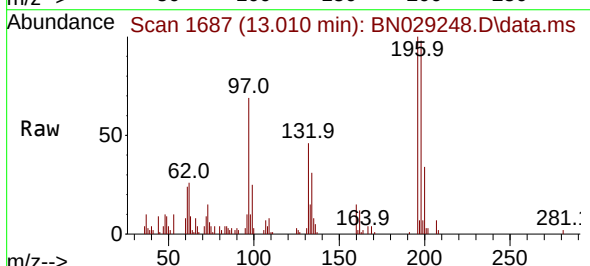
Manual Integrations
APPROVED

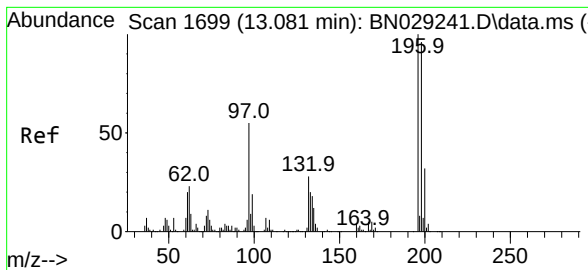
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#41
2,4,6-Trichlorophenol
Concen: 3.610 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

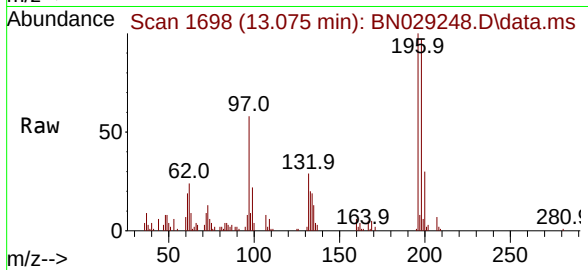
Tgt Ion:196 Resp: 26137
Ion Ratio Lower Upper
196 100
198 97.9 78.6 117.8
200 33.7 23.7 35.5





#42
2,4,5-Trichlorophenol
Concen: 3.949 ng/ul
RT: 13.075 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

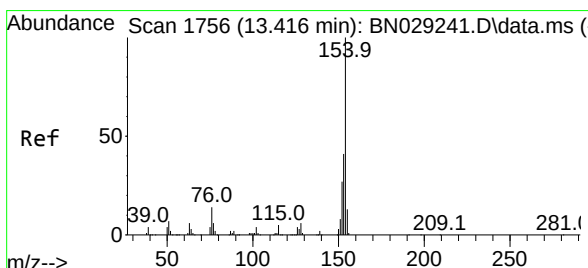
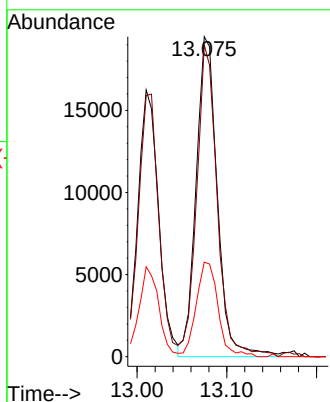
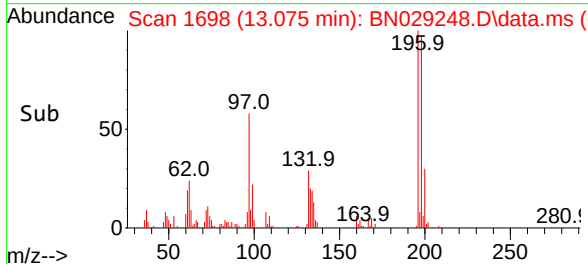
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:196 Resp: 32098
Ion Ratio Lower Upper
196 100
198 97.5 76.5 114.7
200 29.6 23.6 35.4

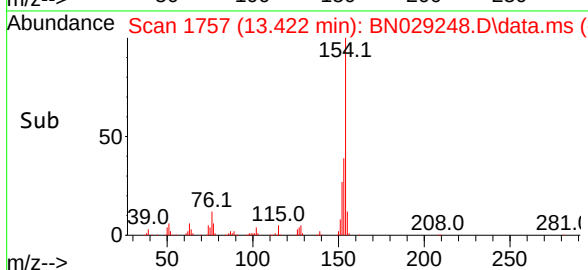
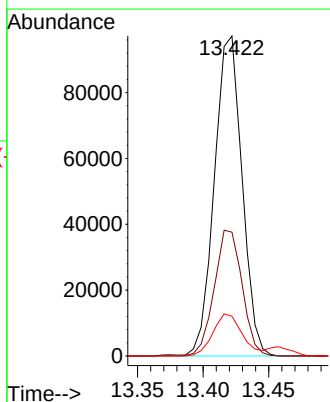
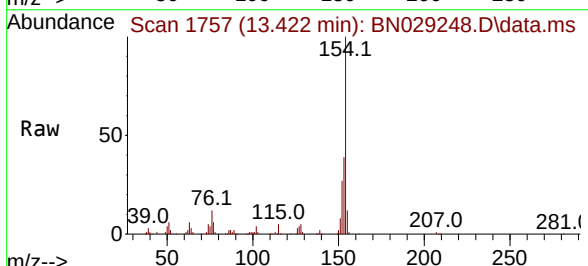
Manual Integrations
APPROVED

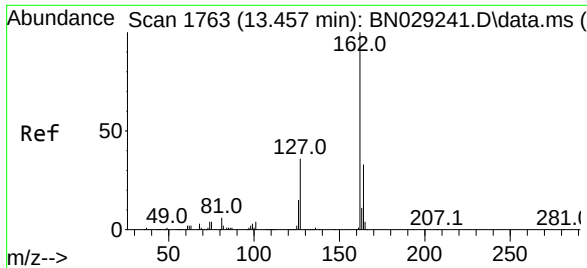
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#43
1,1'-Biphenyl
Concen: 4.218 ng/ul
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

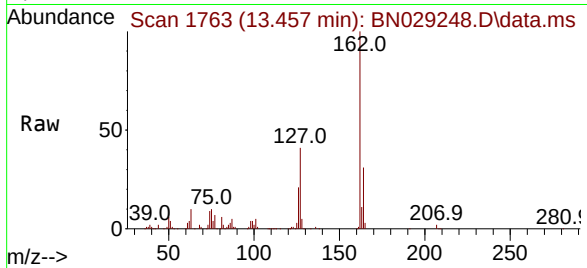
Tgt Ion:154 Resp: 142516
Ion Ratio Lower Upper
154 100
153 38.7 32.4 48.6
76 12.4 10.9 16.3





#44
2-Chloronaphthalene
Concen: 4.252 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

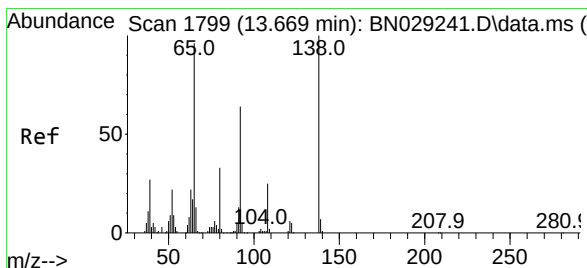
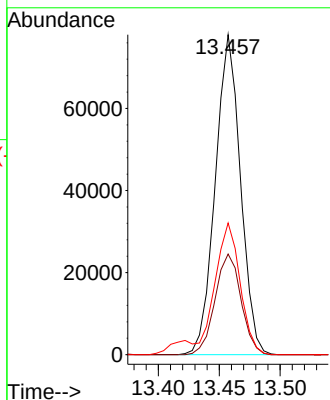
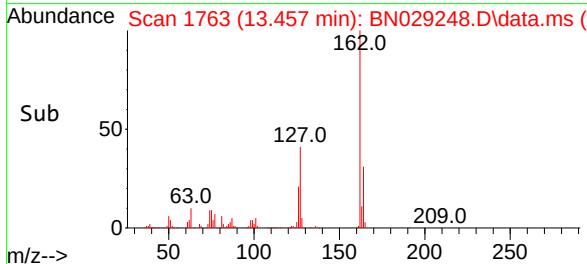
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



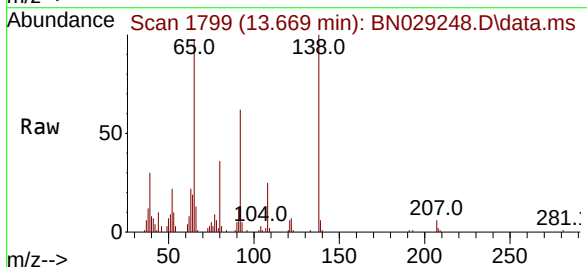
Tgt Ion:162 Resp: 112220
Ion Ratio Lower Upper
162 100
164 31.5 27.4 41.2
127 41.1 33.2 49.8

Manual Integrations
APPROVED

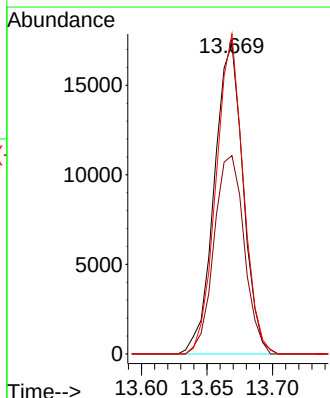
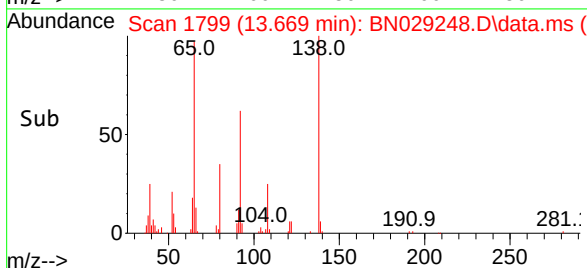
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

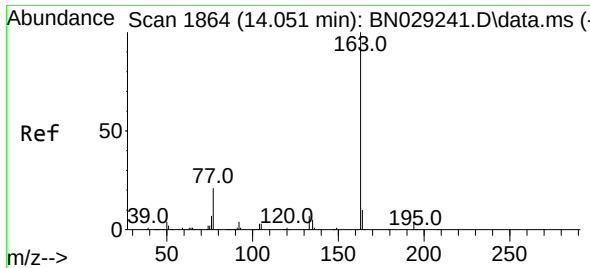


#45
2-Nitroaniline
Concen: 3.788 ng/ul
RT: 13.669 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



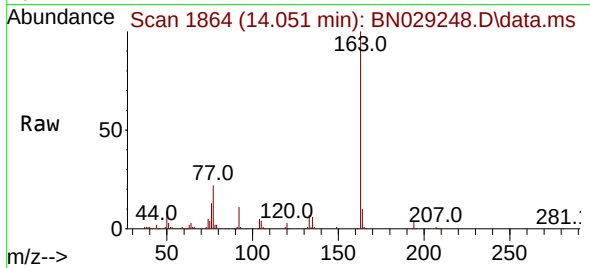
Tgt Ion: 65 Resp: 26499
Ion Ratio Lower Upper
65 100
92 63.9 52.4 78.6
138 103.1 77.8 116.8





#47
Dimethylphthalate
Concen: 4.286 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

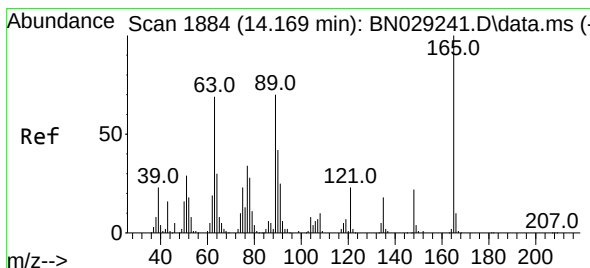
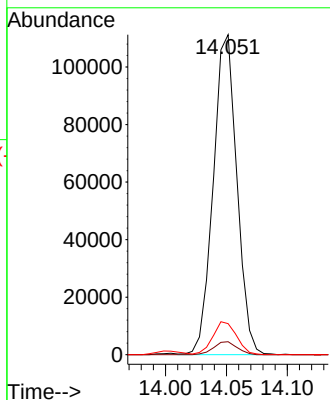
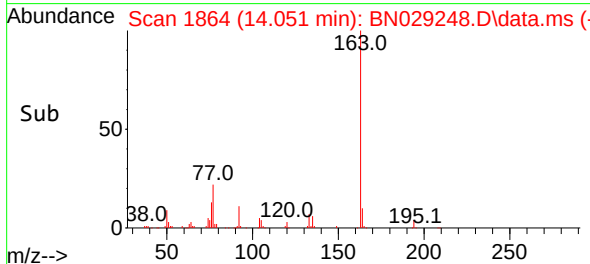
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:163 Resp: 15063
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.7 8.2 12.4

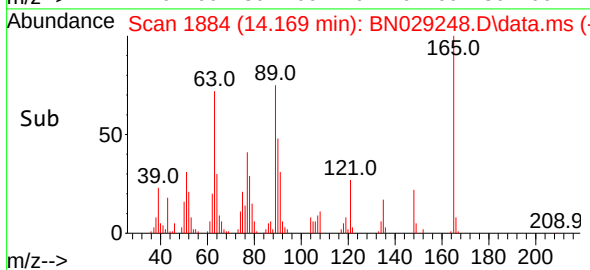
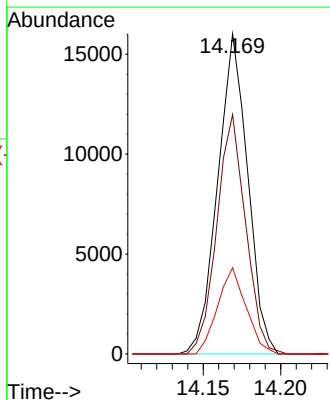
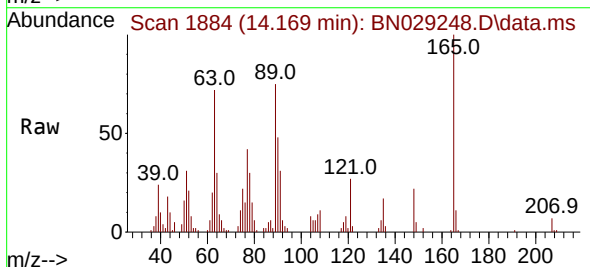
Manual Integrations
APPROVED

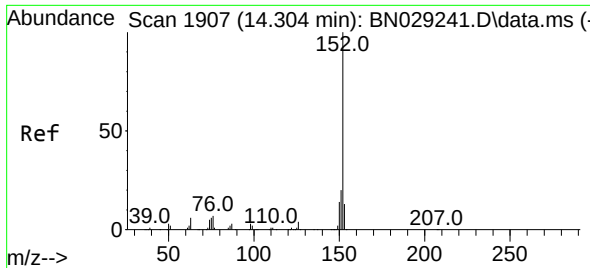
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#48
2,6-Dinitrotoluene
Concen: 3.790 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

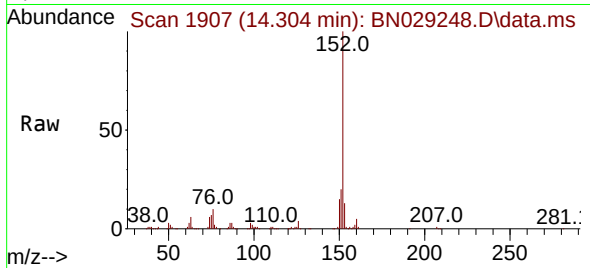
Tgt Ion:165 Resp: 21535
Ion Ratio Lower Upper
165 100
89 74.8 58.6 87.8
121 26.9 20.6 30.8





#50
Acenaphthylene
Concen: 4.266 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

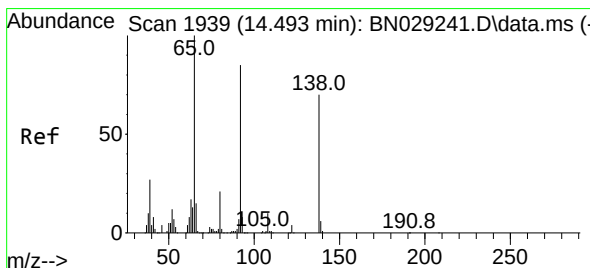
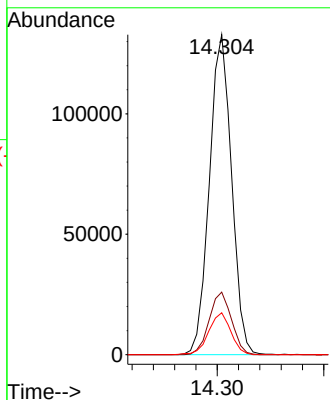
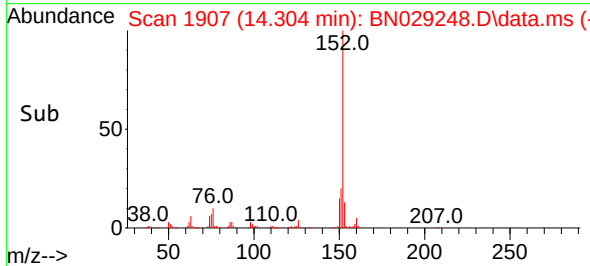
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:152 Resp: 192360
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.1 10.3 15.5

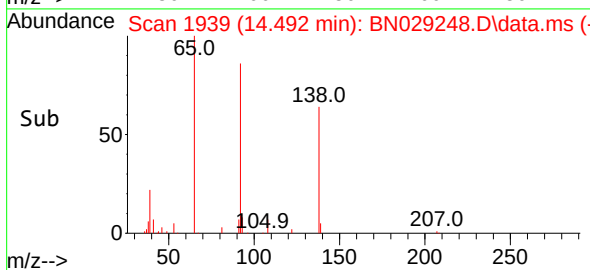
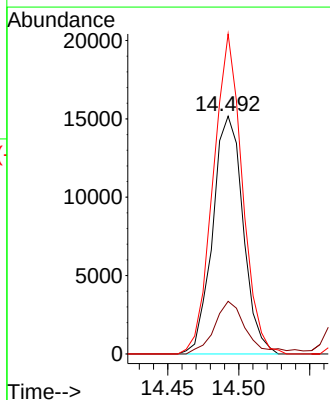
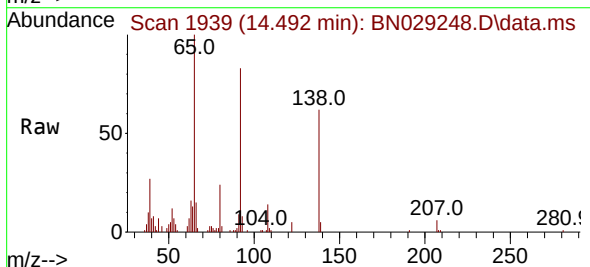
Manual Integrations
APPROVED

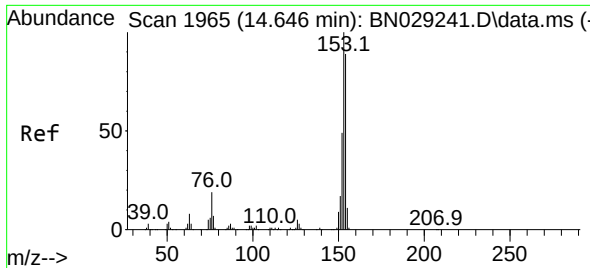
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#51
3-Nitroaniline
Concen: 3.664 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

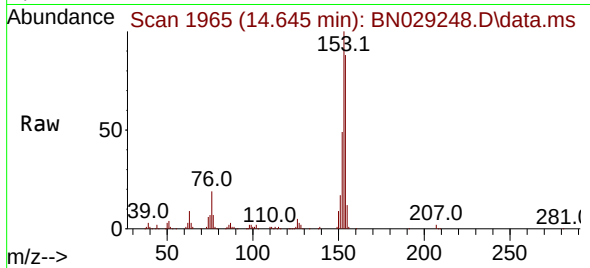
Tgt Ion:138 Resp: 22614
Ion Ratio Lower Upper
138 100
108 22.1 13.4 20.2#
92 134.6 101.8 152.6





#52
Acenaphthene
Concen: 4.208 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

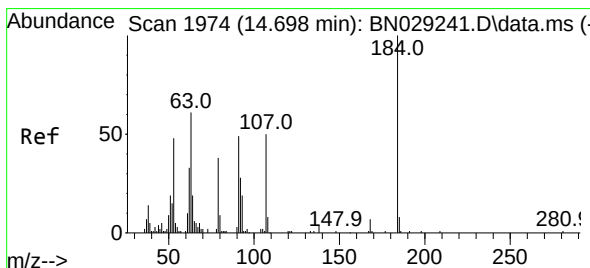
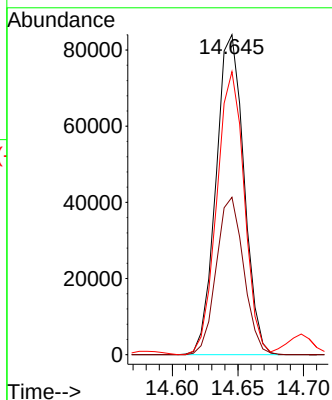
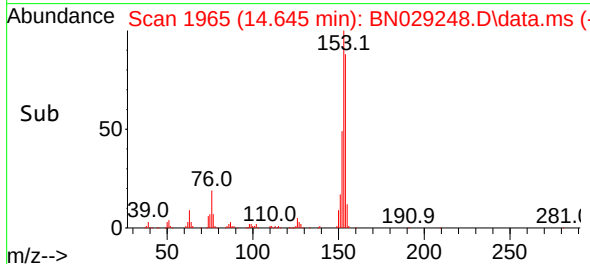
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



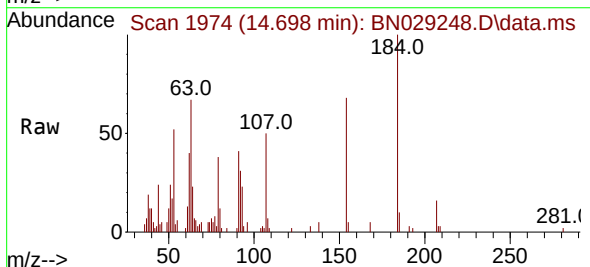
Tgt Ion:153 Resp: 12456
Ion Ratio Lower Upper
153 100
152 49.2 37.8 56.6
154 88.5 70.2 105.2

Manual Integrations
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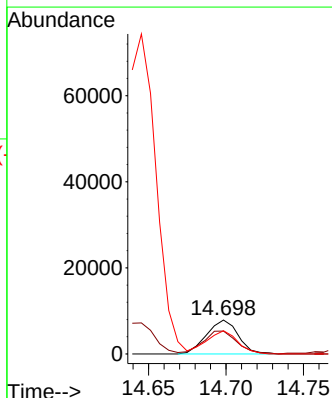
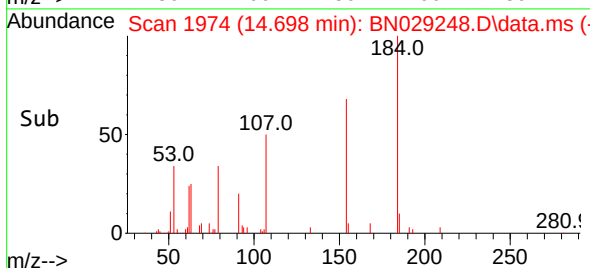
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

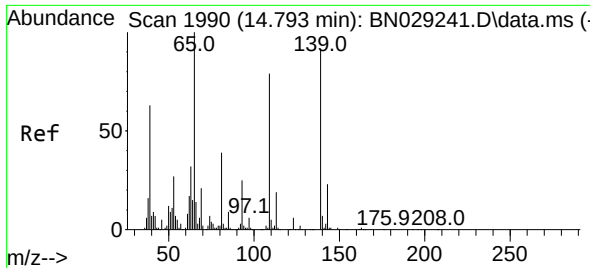


#53
2,4-Dinitrophenol
Concen: 4.600 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



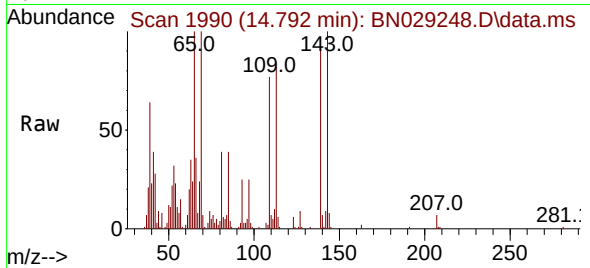
Tgt Ion:184 Resp: 11171
Ion Ratio Lower Upper
184 100
63 67.3 58.8 88.2
154 68.5 54.5 81.7





#55
4-Nitrophenol
Concen: 4.584 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

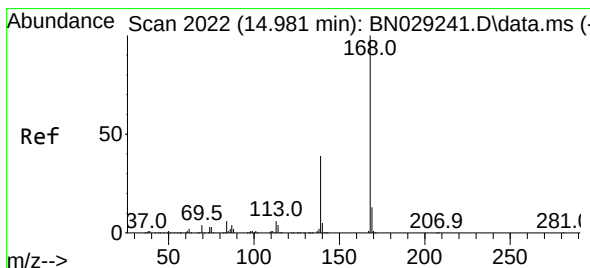
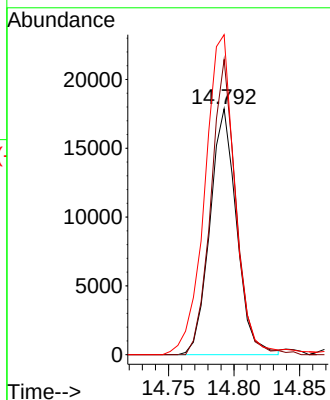
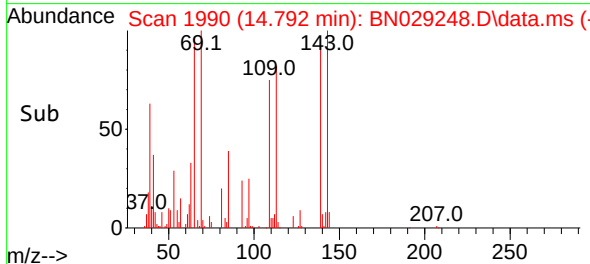
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:109 Resp: 25224
Ion Ratio Lower Upper
109 100
139 120.1 91.7 137.5
65 130.1 100.4 150.6

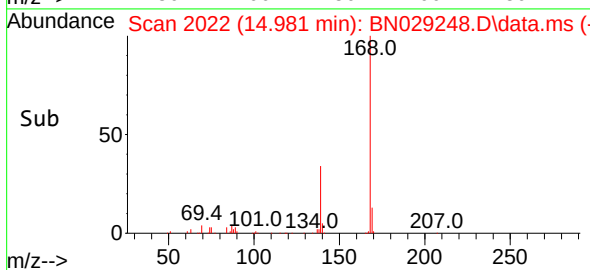
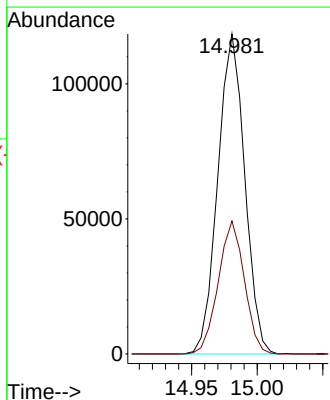
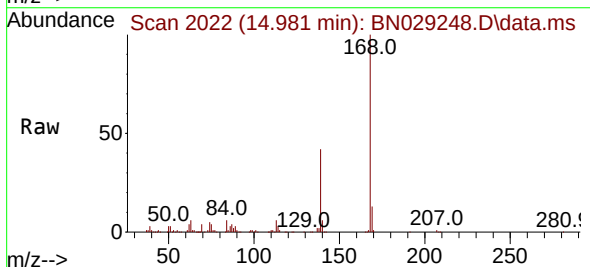
Manual Integrations
APPROVED

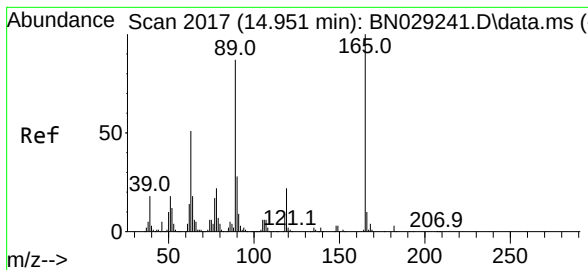
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#56
Dibenzofuran
Concen: 4.220 ng/ul
RT: 14.981 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

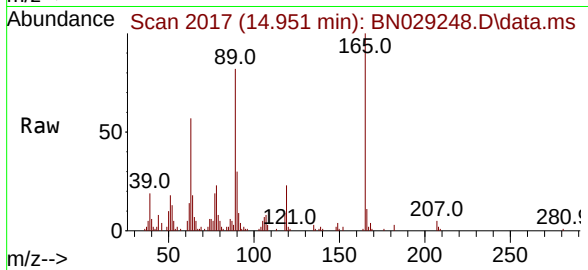
Tgt Ion:168 Resp: 168940
Ion Ratio Lower Upper
168 100
139 41.6 32.7 49.1





#57
2,4-Dinitrotoluene
Concen: 3.913 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

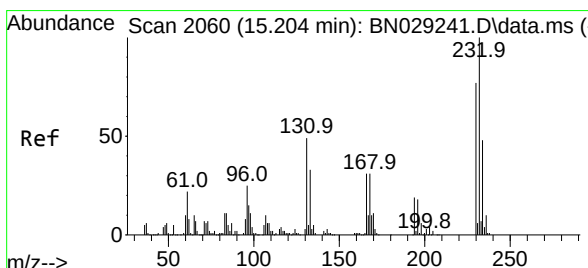
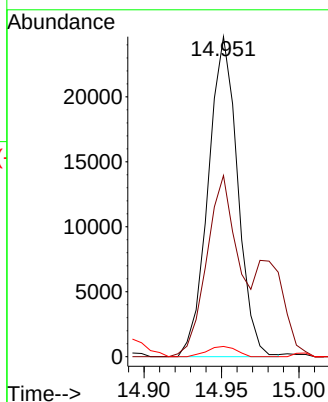
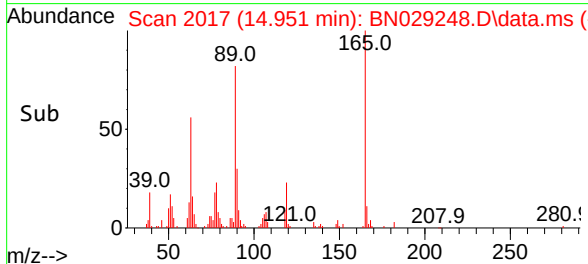
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:165 Resp: 32560
Ion Ratio Lower Upper
165 100
63 56.6 42.0 63.0
182 3.2 2.2 3.4

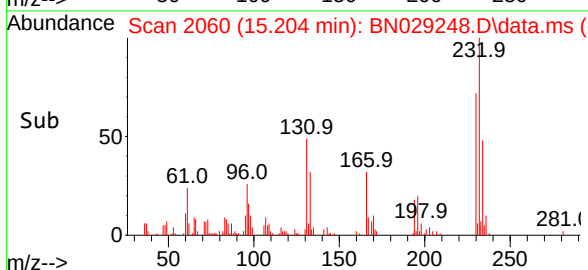
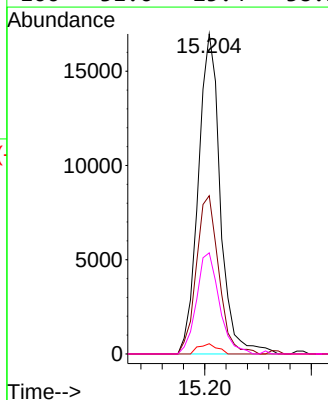
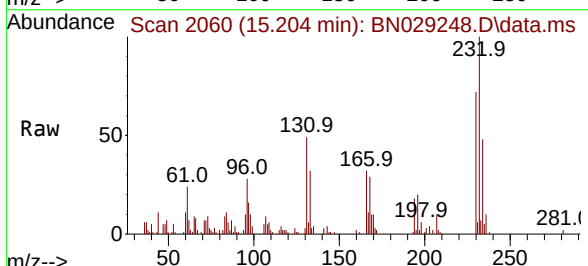
Manual Integrations
APPROVED

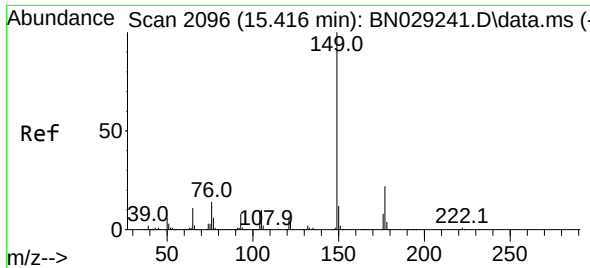
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.651 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

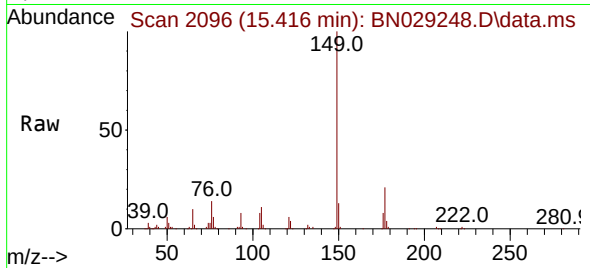
Tgt Ion:232 Resp: 24485
Ion Ratio Lower Upper
232 100
131 49.5 39.7 59.5
130 3.2 2.2 3.4
166 31.6 25.4 38.2





#59
Diethylphthalate
Concen: 4.102 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

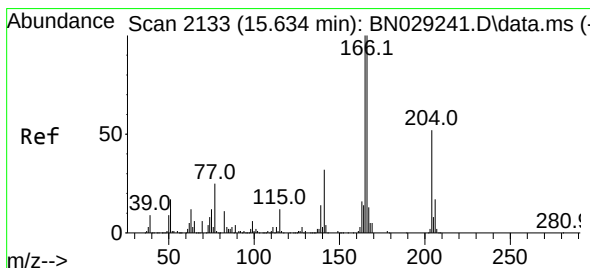
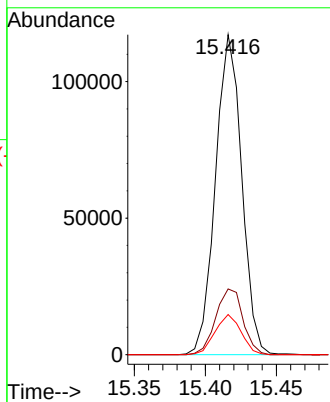
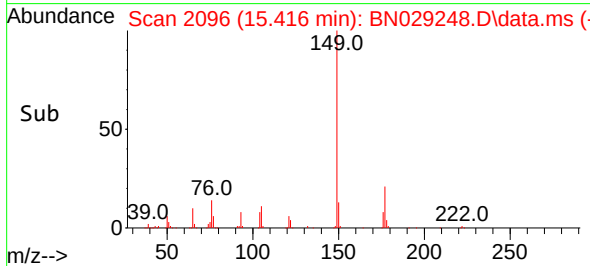
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



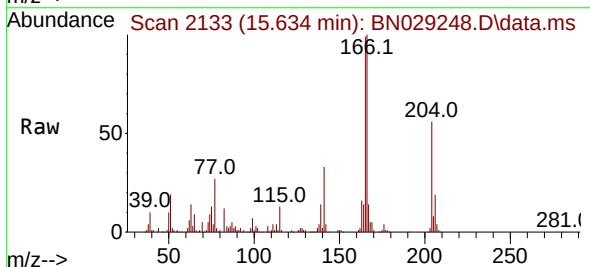
Tgt Ion:149 Resp: 150400
Ion Ratio Lower Upper
149 100
177 20.6 17.7 26.5
150 12.6 10.3 15.5

Manual Integrations
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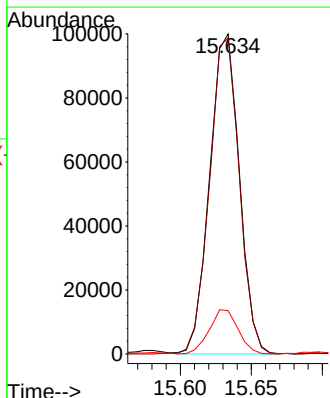
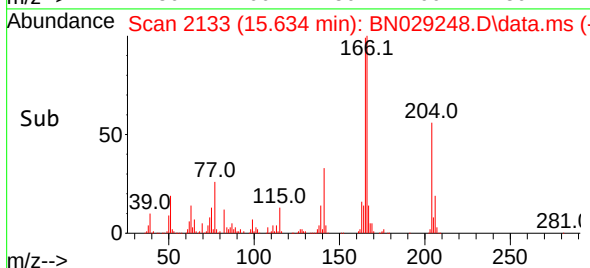
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

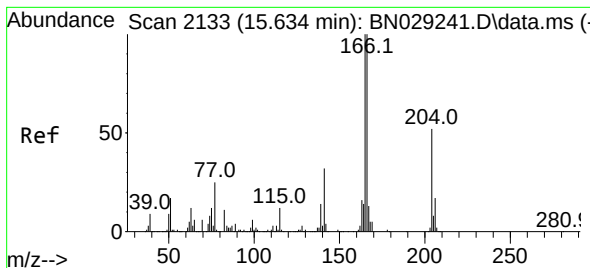


#61
Fluorene
Concen: 4.193 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



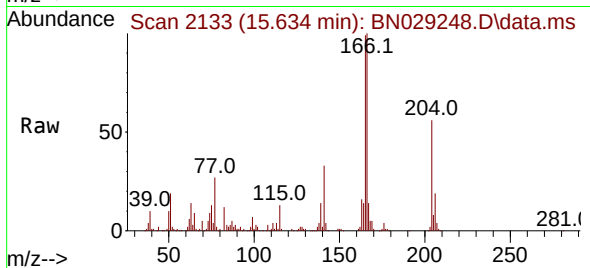
Tgt Ion:166 Resp: 145366
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 13.6 10.7 16.1





#62
4-Chlorophenyl-phenylether
Concen: 4.304 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

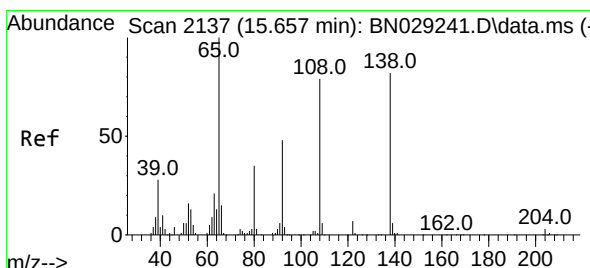
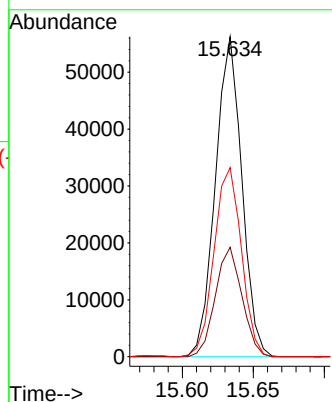
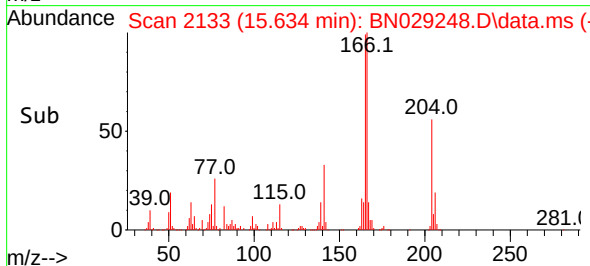
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



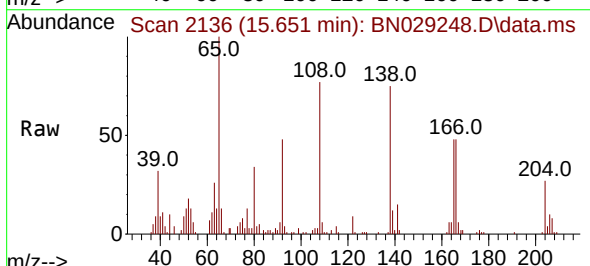
Tgt Ion:204 Resp: 72911
Ion Ratio Lower Upper
204 100
206 34.2 26.1 39.1
141 59.1 48.6 72.8

Manual Integrations
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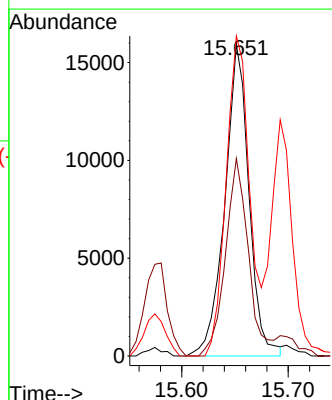
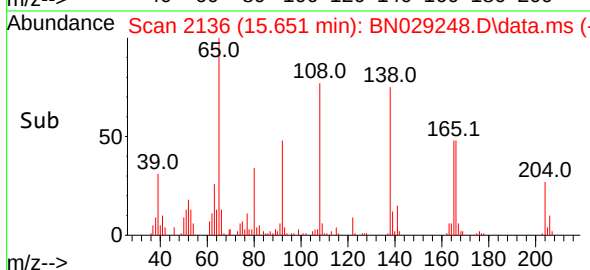
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

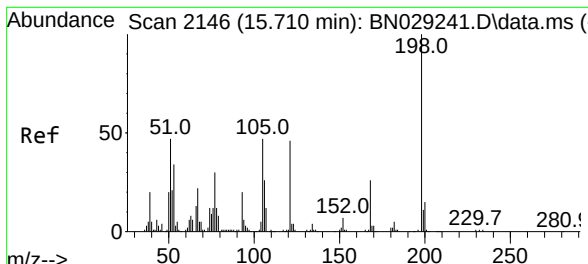


#63
4-Nitroaniline
Concen: 4.122 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



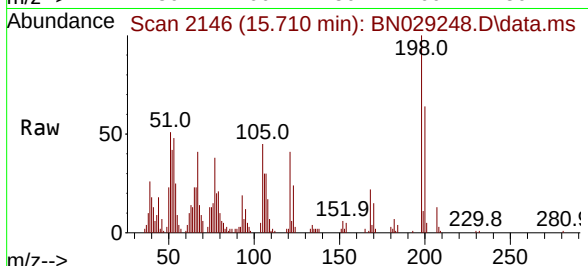
Tgt Ion:138 Resp: 25054
Ion Ratio Lower Upper
138 100
92 63.3 44.5 66.7
108 102.7 79.8 119.8





#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.928 ng/ul
 RT: 15.710 min Scan# 2146
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

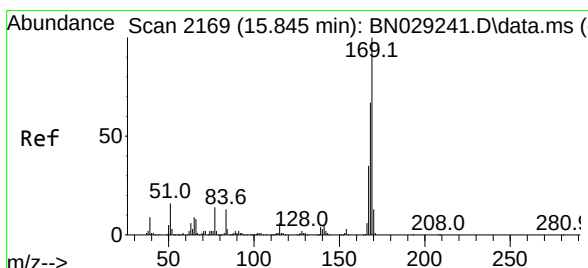
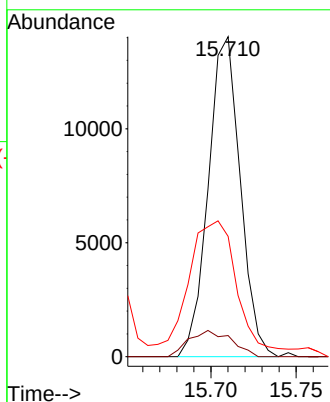
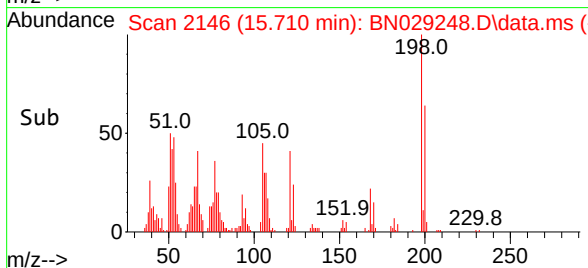
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-05



Tgt Ion:198 Resp: 18314
 Ion Ratio Lower Upper
 198 100
 182 6.6 4.0 6.0
 77 37.6 24.7 37.1

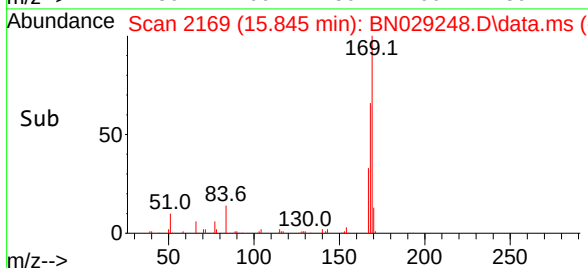
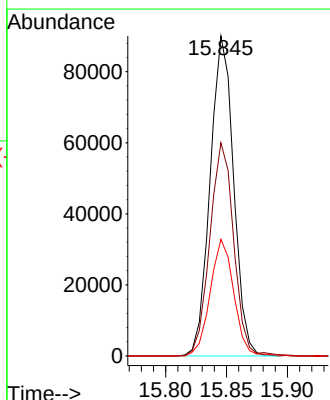
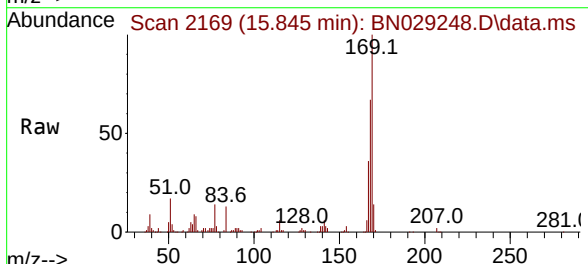
Manual Integrations
 APPROVED

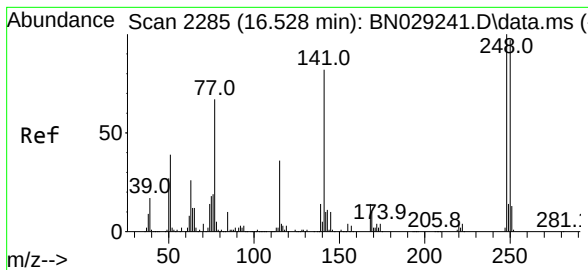
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#67
 N-Nitrosodiphenylamine
 Concen: 4.128 ng/ul
 RT: 15.845 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

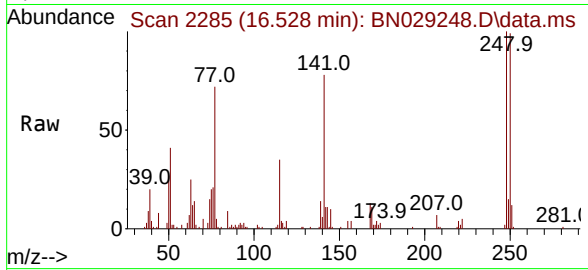
Tgt Ion:169 Resp: 120532
 Ion Ratio Lower Upper
 169 100
 168 66.6 55.1 82.7
 167 36.4 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 3.270 ng/ul
RT: 16.528 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

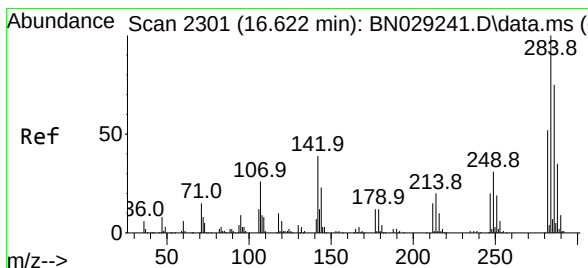
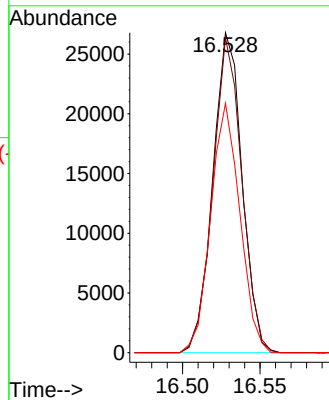
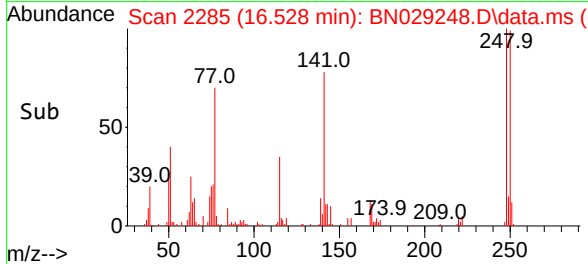
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:248 Resp: 3519
Ion Ratio Lower Upper
248 100
250 98.5 80.2 120.2
141 77.9 62.7 94.1

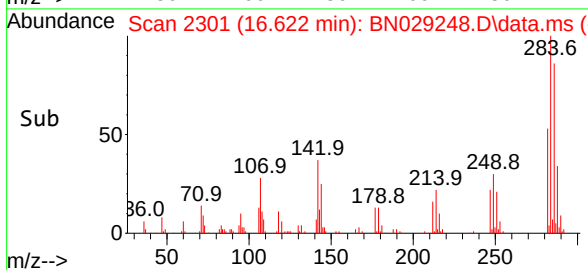
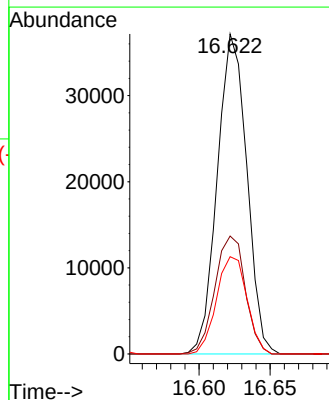
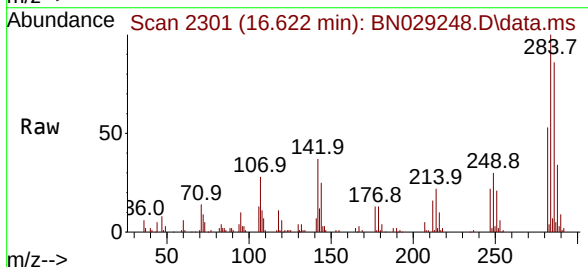
Manual Integrations
APPROVED

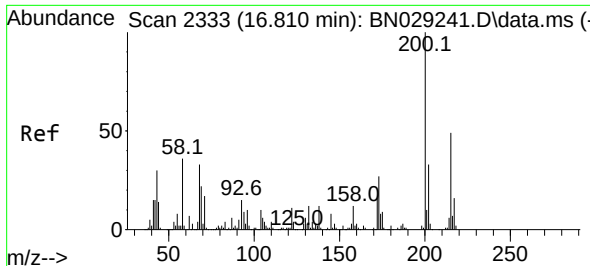
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#69
Hexachlorobenzene
Concen: 4.143 ng/ul
RT: 16.622 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

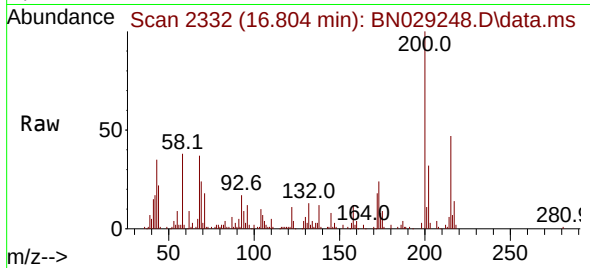
Tgt Ion:284 Resp: 53672
Ion Ratio Lower Upper
284 100
142 36.8 24.9 37.3
249 30.4 23.1 34.7





#70
Atrazine
Concen: 4.547 ng/ul
RT: 16.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

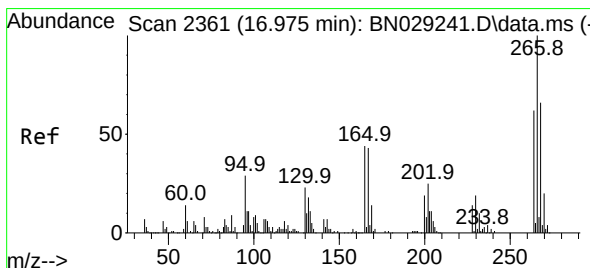
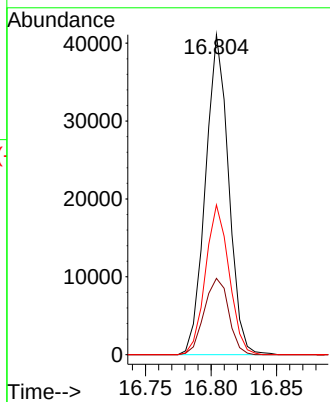
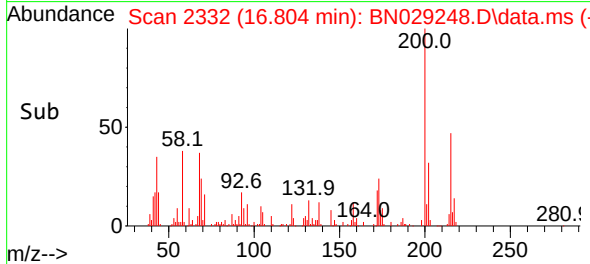
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



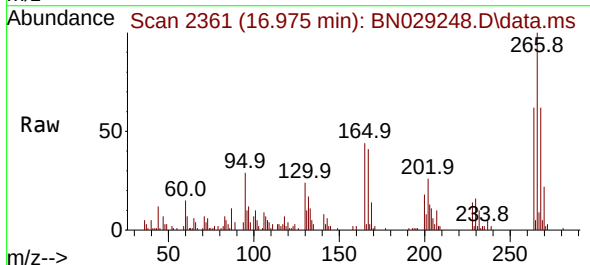
Tgt Ion:200 Resp: 5041
Ion Ratio Lower Upper
200 100
173 23.9 20.1 30.1
215 46.8 36.9 55.3

Manual Integrations
APPROVED

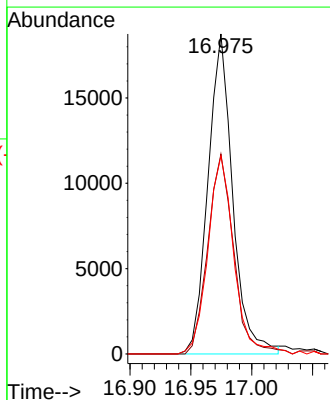
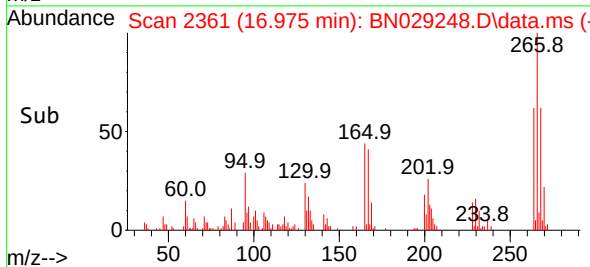
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

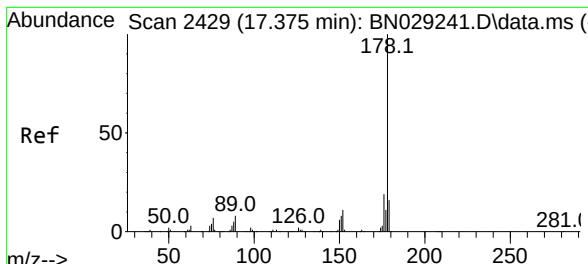


#71
Pentachlorophenol
Concen: 3.775 ng/ul
RT: 16.975 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



Tgt Ion:266 Resp: 26418
Ion Ratio Lower Upper
266 100
264 62.4 53.4 80.0
268 61.9 49.4 74.0





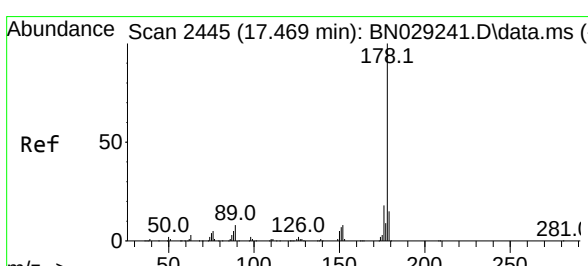
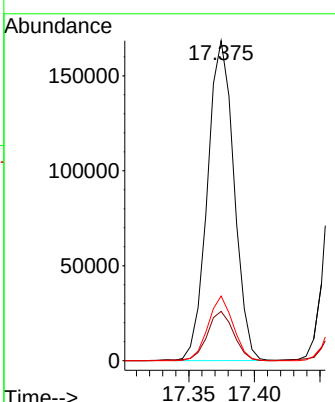
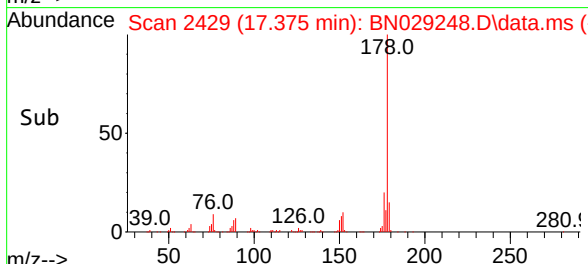
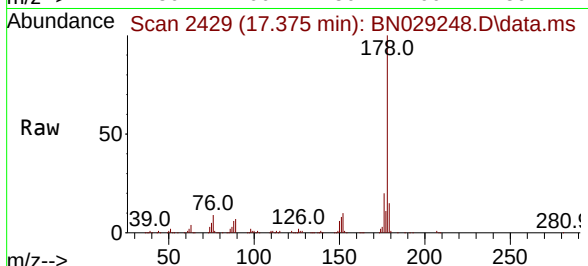
#72
 Phenanthrene
 Concen: 4.249 ng/ul
 RT: 17.375 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion:178 Resp: 237388

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	20.2	15.7	23.5

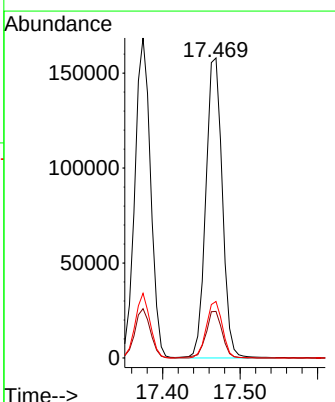
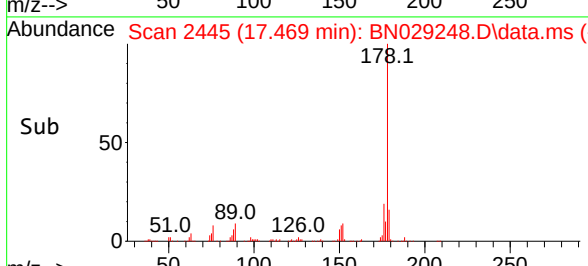
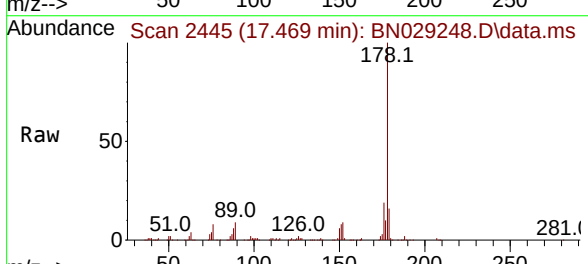
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

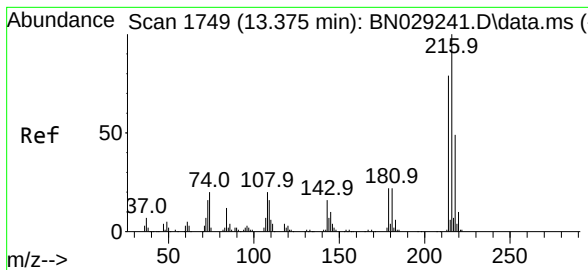


#74
 Anthracene
 Concen: 4.018 ng/ul
 RT: 17.469 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

Tgt Ion:178 Resp: 233101

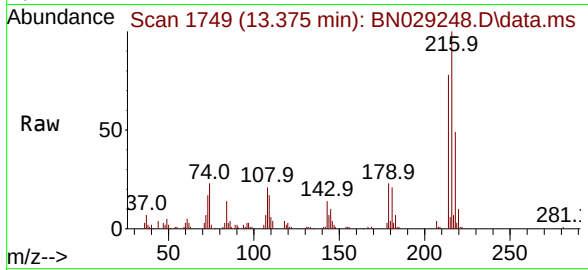
Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.6	17.4
176	18.9	14.2	21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.175 ng/uL
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

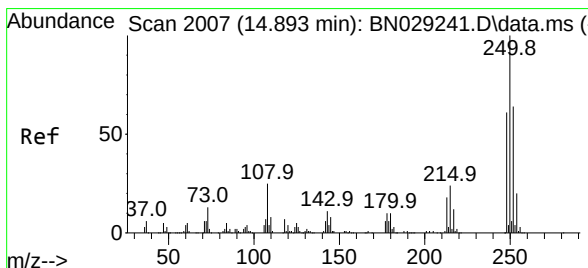
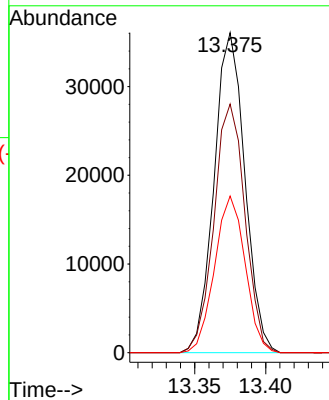
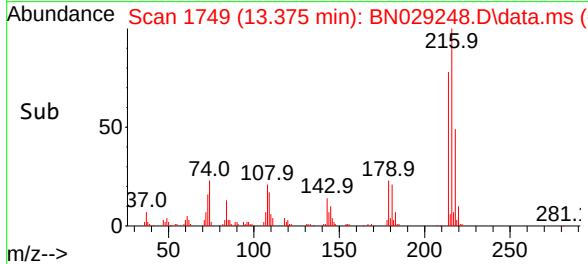
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



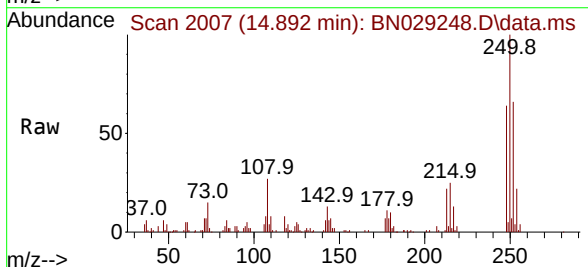
Tgt Ion:216 Resp: 5435
Ion Ratio Lower Upper
216 100
214 77.7 58.3 87.5
218 49.0 35.2 52.8

Manual Integrations
APPROVED

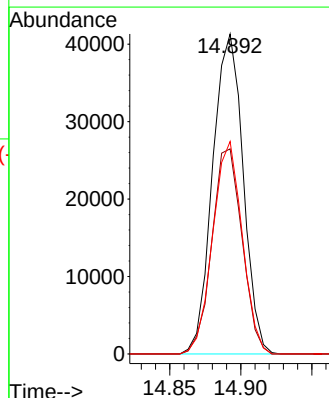
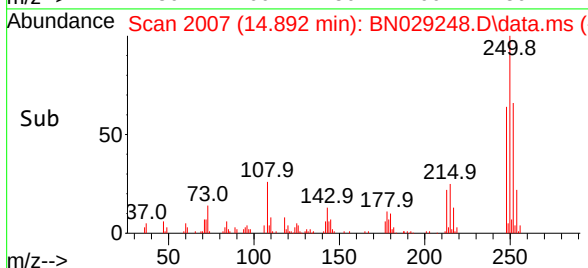
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

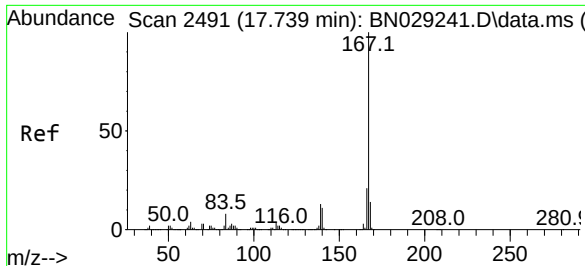


#76
Pentachlorobenzene
Concen: 4.571 ng/uL
RT: 14.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



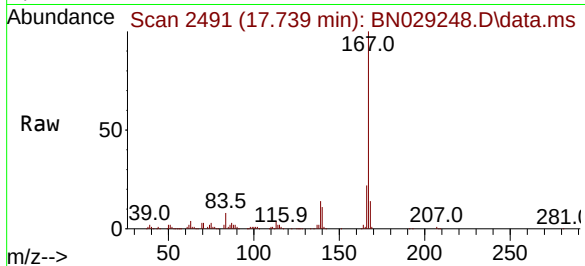
Tgt Ion:250 Resp: 61603
Ion Ratio Lower Upper
250 100
248 64.1 50.5 75.7
252 66.4 54.3 81.5





#77
 Carbazole
 Concen: 3.872 ng/ul
 RT: 17.739 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

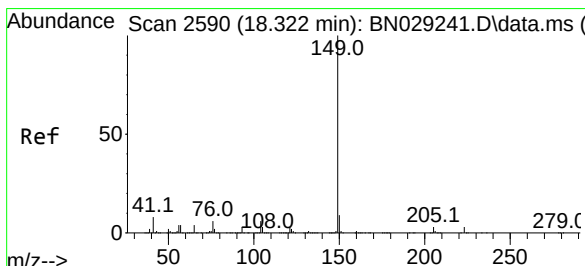
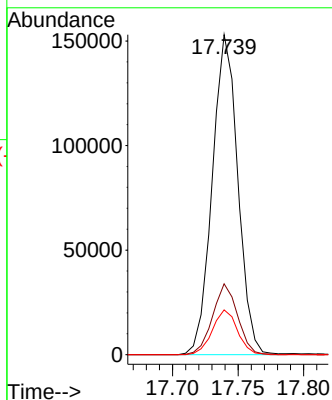
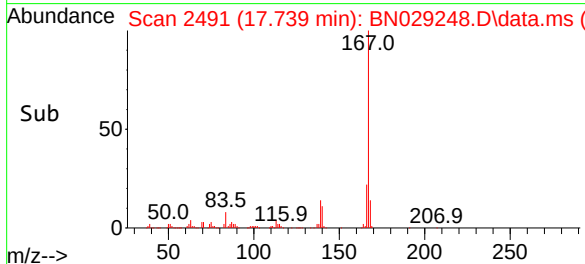
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT3-2023-05



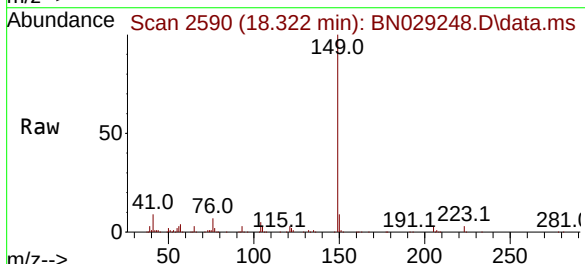
Tgt Ion:167 Resp: 20772
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 14.0 10.8 16.2

Manual Integrations
 APPROVED

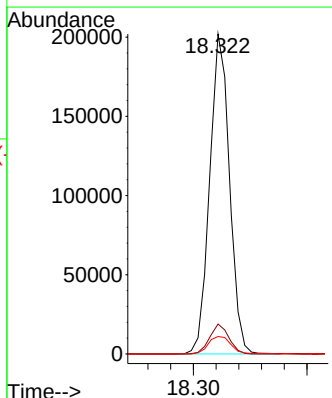
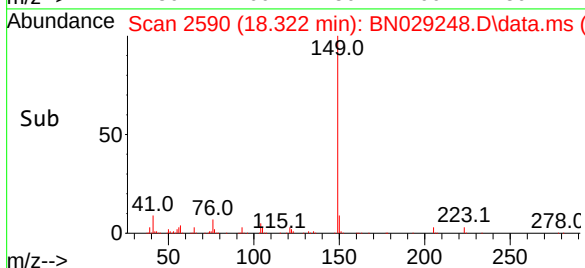
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

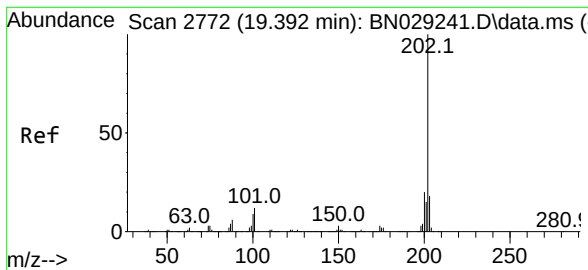


#78
 Di-n-butylphthalate
 Concen: 3.740 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31



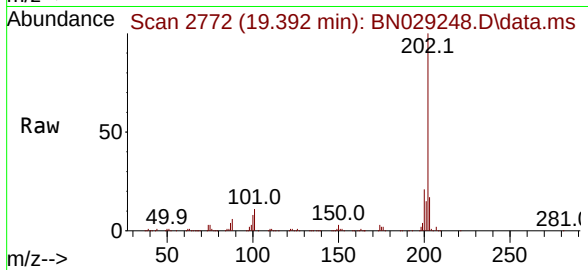
Tgt Ion:149 Resp: 244690
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.5 4.8 7.2





#80
 Fluoranthene
 Concen: 4.236 ng/u1
 RT: 19.392 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

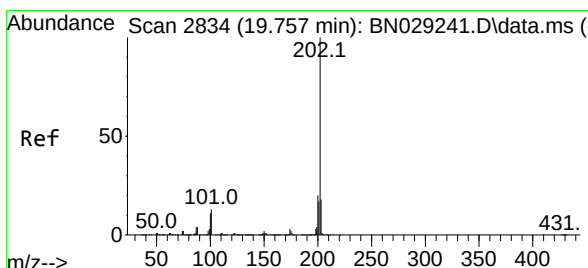
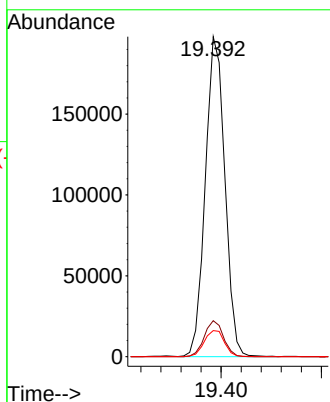
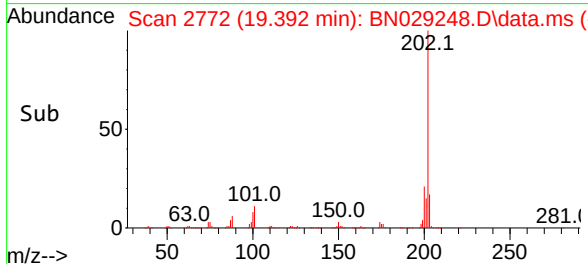
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-05



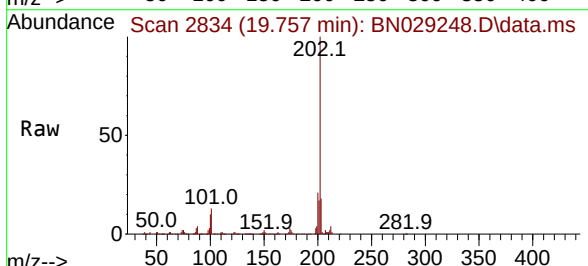
Tgt Ion:202 Resp: 26788
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.3 13.9
 100 8.2 7.0 10.6

Manual Integrations
 APPROVED

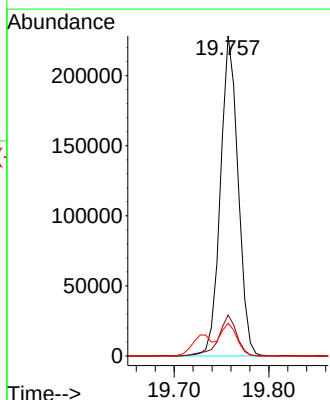
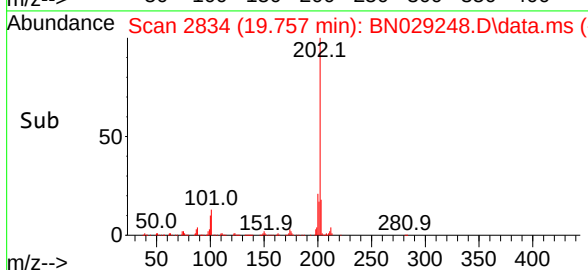
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

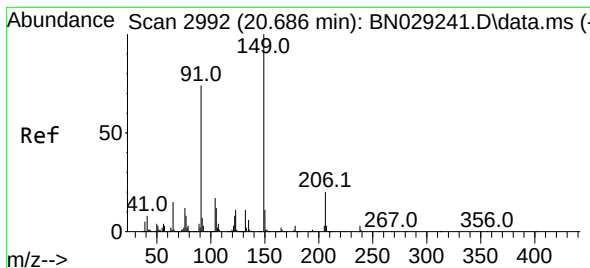


#82
 Pyrene
 Concen: 4.408 ng/u1
 RT: 19.757 min Scan# 2834
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31



Tgt Ion:202 Resp: 296059
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.3 15.5
 100 10.2 8.9 13.3





#83

Butylbenzylphthalate

Concen: 3.434 ng/ul

RT: 20.686 min Scan# 2992

Delta R.T. 0.006 min

Lab File: BN029248.D

Acq: 16 Jan 2024 14:31

Instrument :

BNA_N

ClientSampleId :

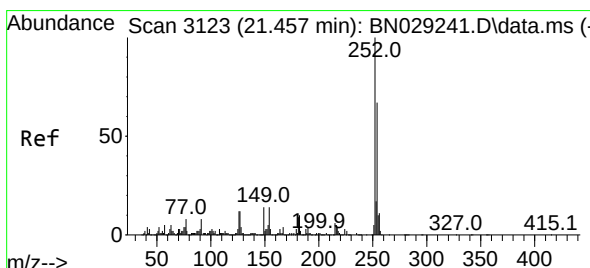
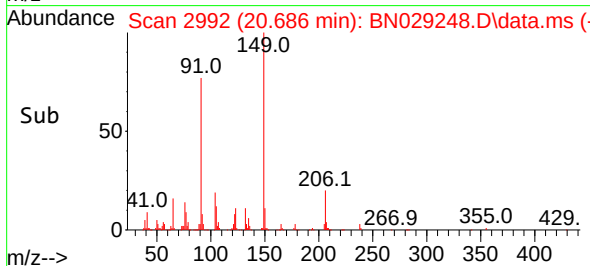
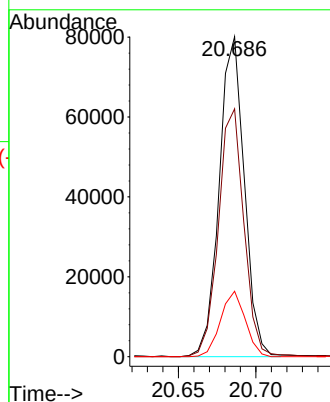
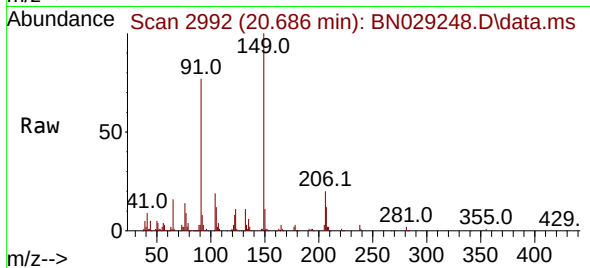
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:	149	Resp:	90194
Ion Ratio	Lower	Upper	
149	100		
91	77.4	65.4	98.2
206	20.5	14.9	22.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.759 ng/ul

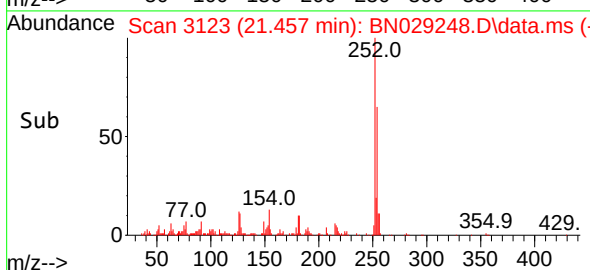
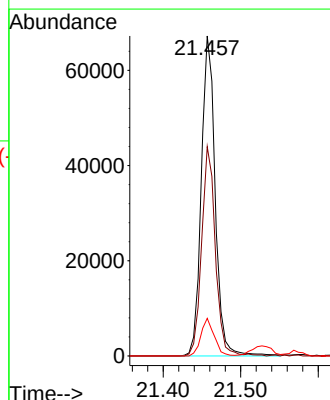
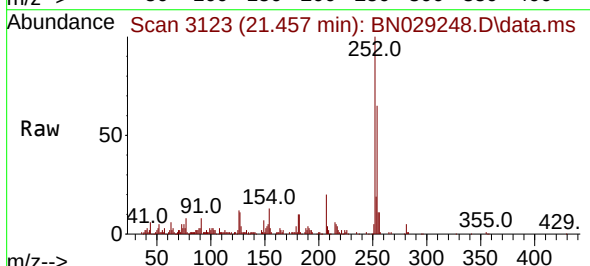
RT: 21.457 min Scan# 3123

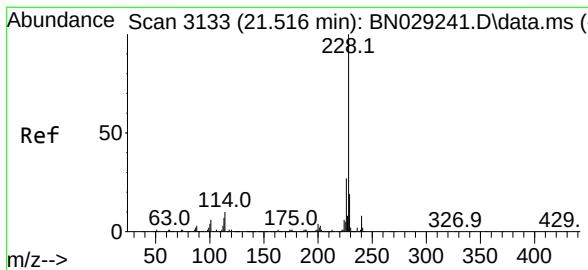
Delta R.T. 0.000 min

Lab File: BN029248.D

Acq: 16 Jan 2024 14:31

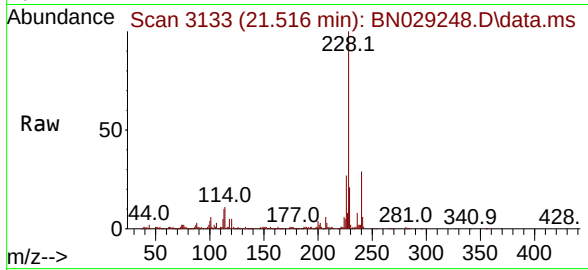
Tgt Ion:	252	Resp:	83993
Ion Ratio	Lower	Upper	
252	100		
254	65.4	50.7	76.1
126	11.8	8.6	12.8





#85
Benzo(a)anthracene
Concen: 4.232 ng/ul
RT: 21.516 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

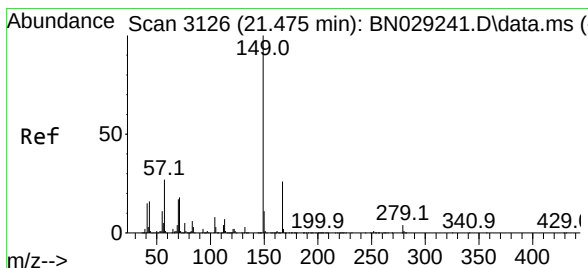
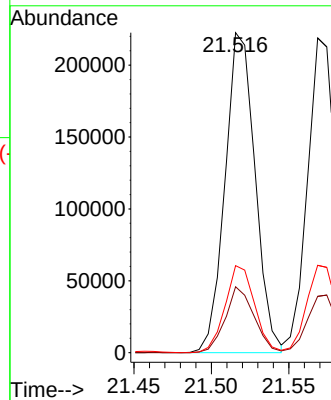
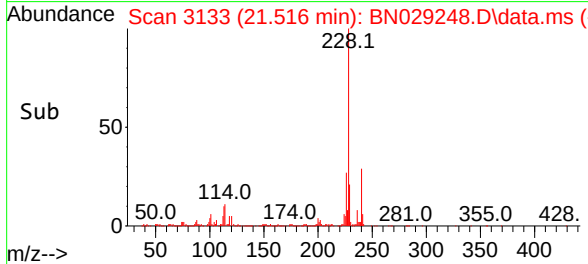
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:228 Resp: 30033
Ion Ratio Lower Upper
228 100
229 20.6 16.3 24.5
226 27.2 22.4 33.6

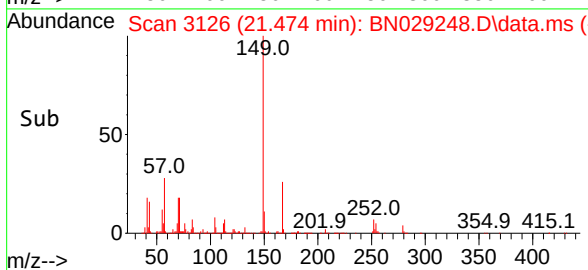
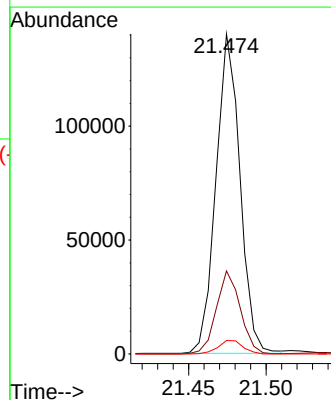
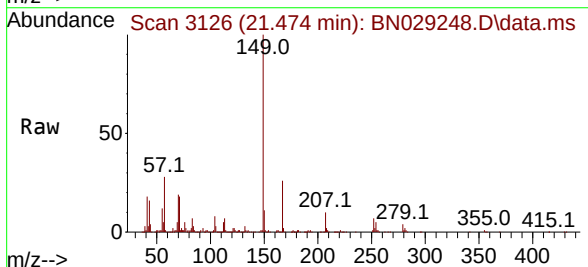
Manual Integrations
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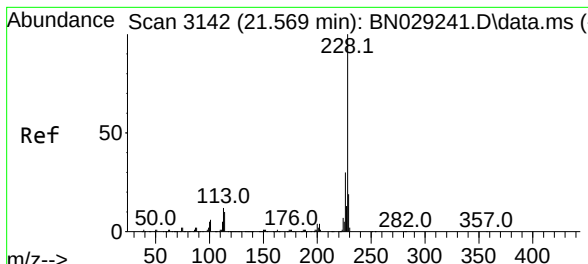
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.485 ng/ul
RT: 21.474 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

Tgt Ion:149 Resp: 151113
Ion Ratio Lower Upper
149 100
167 26.0 20.6 31.0
279 4.2 3.6 5.4





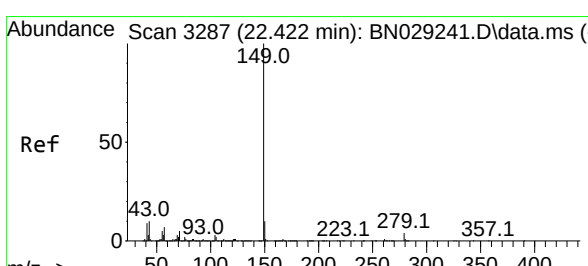
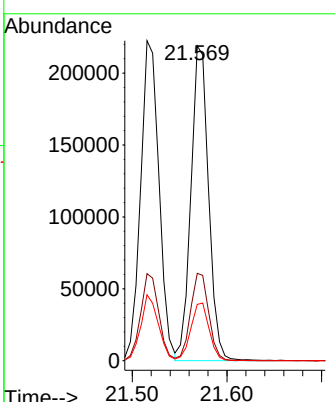
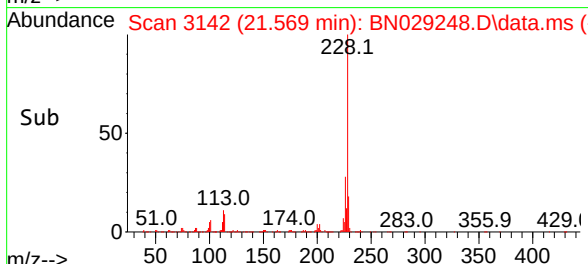
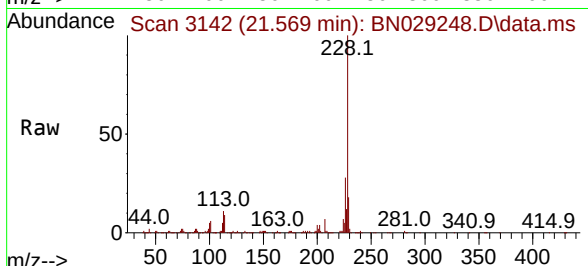
#87
Chrysene
 Concen: 4.333 ng/ul
 RT: 21.569 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion:228 Resp: 28439

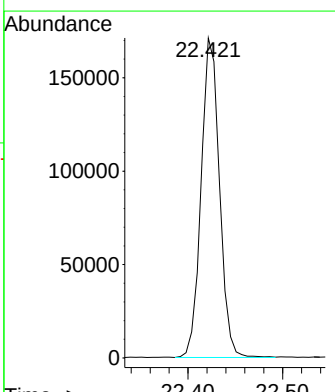
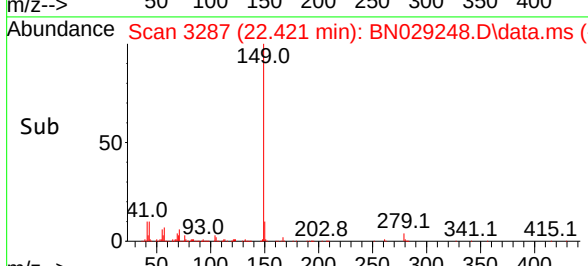
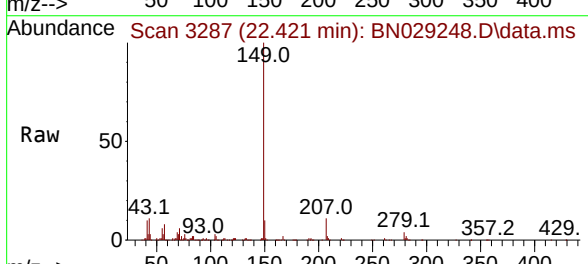
Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.3	36.5
229	17.9	15.9	23.9

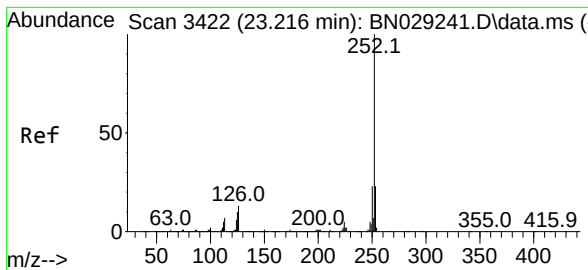
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#89
Di-n-octyl phthalate
 Concen: 2.928 ng/ul
 RT: 22.421 min Scan# 3287
 Delta R.T. 0.000 min
 Lab File: BN029248.D
 Acq: 16 Jan 2024 14:31

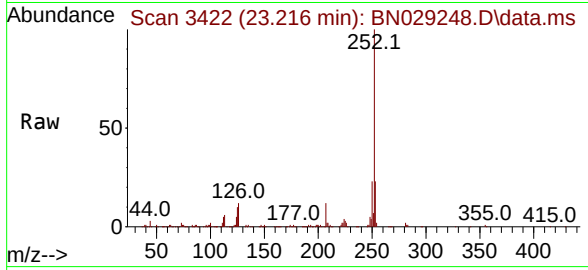
Tgt Ion:149 Resp: 230524





#90
Benzo(b)fluoranthene
Concen: 3.913 ng/ul
RT: 23.216 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

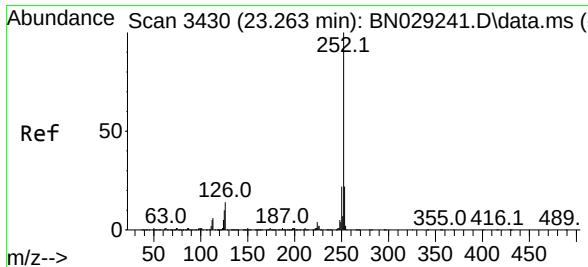
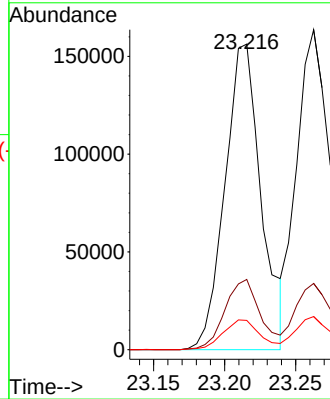
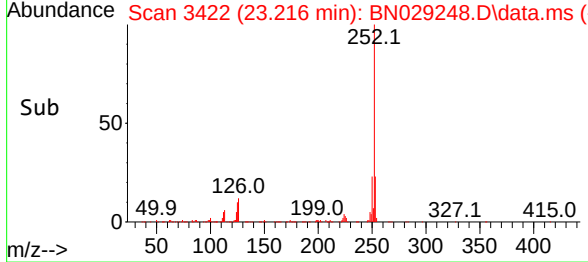
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



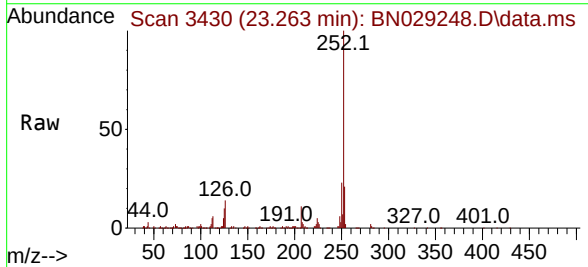
Tgt Ion:252 Resp: 277099
Ion Ratio Lower Upper
252 100
253 23.0 16.9 25.3
125 9.6 8.2 12.2

Manual Integrations
APPROVED

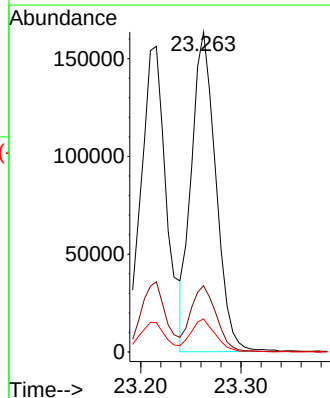
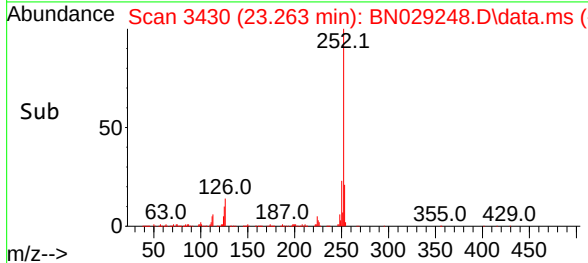
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

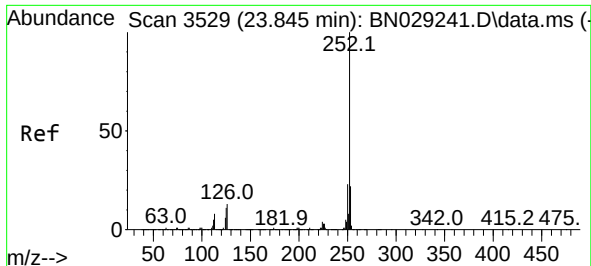


#91
Benzo(k)fluoranthene
Concen: 3.914 ng/ul
RT: 23.263 min Scan# 3430
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31



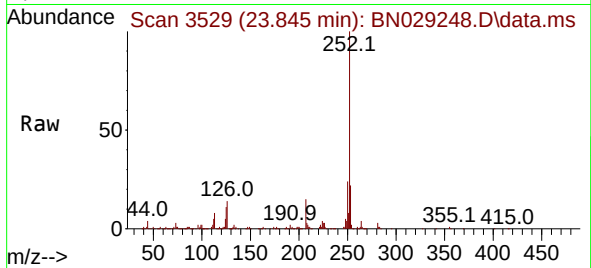
Tgt Ion:252 Resp: 276213
Ion Ratio Lower Upper
252 100
253 20.7 18.2 27.2
125 10.3 8.0 12.0





#93
Benzo(a)pyrene
Concen: 3.999 ng/ul
RT: 23.845 min Scan# 3529
Delta R.T. 0.006 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

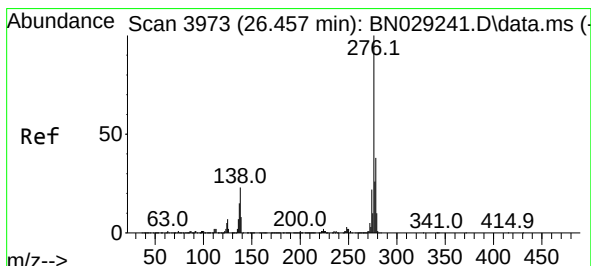
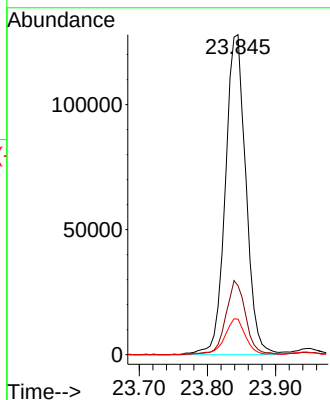
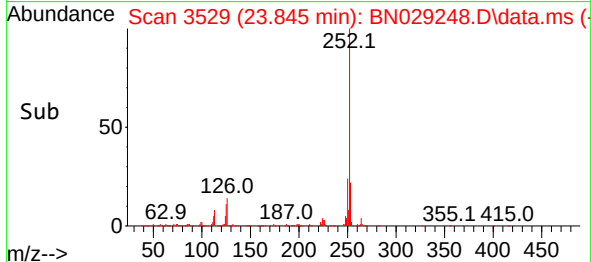
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:252 Resp: 26848
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.1 9.0 13.6

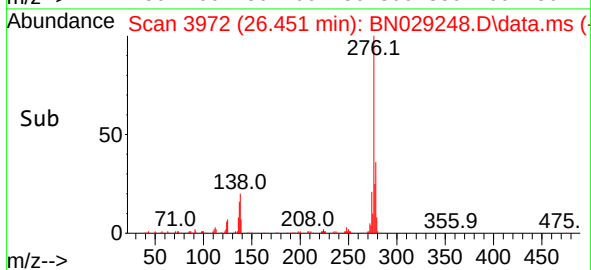
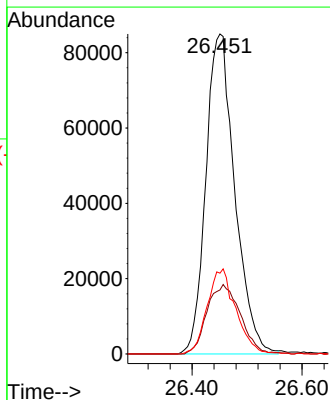
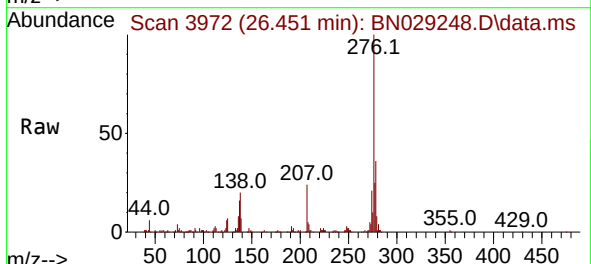
Manual Integrations
APPROVED

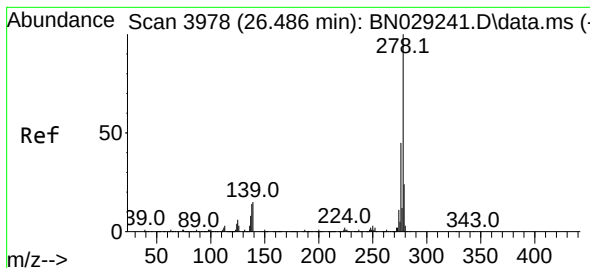
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.659 ng/ul
RT: 26.451 min Scan# 3972
Delta R.T. 0.000 min
Lab File: BN029248.D
Acq: 16 Jan 2024 14:31

Tgt Ion:276 Resp: 310933
Ion Ratio Lower Upper
276 100
138 20.0 17.2 25.8
277 25.2 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 3.809 ng/ul

RT: 26.474 min Scan# 3978

Delta R.T. -0.006 min

Lab File: BN029248.D

Acq: 16 Jan 2024 14:31

Instrument :

BNA_N

ClientSampleId :

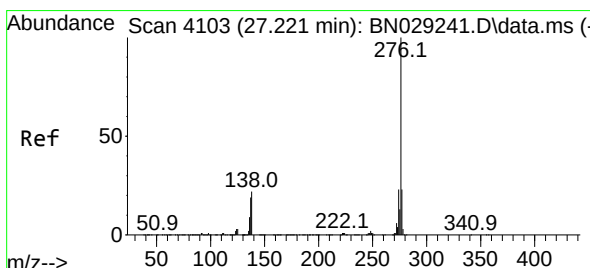
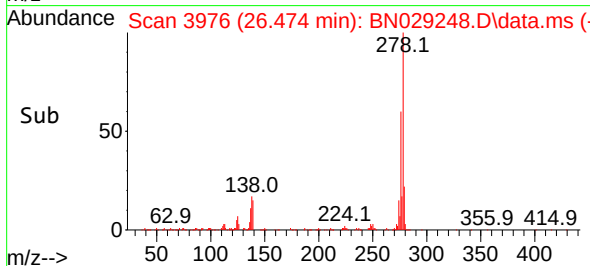
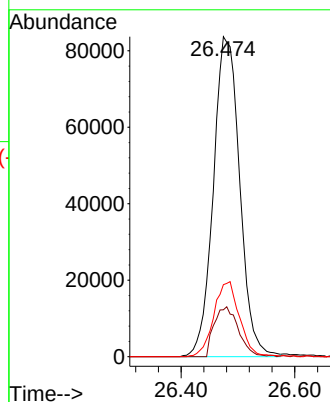
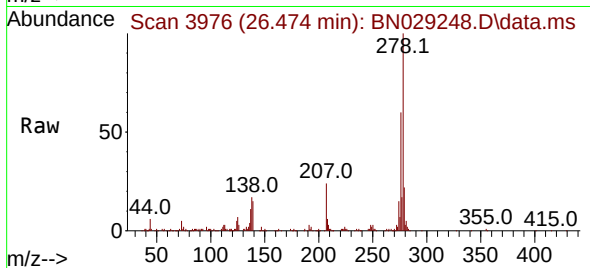
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:	278	Resp:	26991
Ion Ratio	Lower	Upper	
278	100		
139	14.7	12.0	18.0
279	22.5	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#96

Benzo(g,h,i)perylene

Concen: 3.669 ng/ul

RT: 27.215 min Scan# 4102

Delta R.T. 0.000 min

Lab File: BN029248.D

Acq: 16 Jan 2024 14:31

Tgt Ion:	276	Resp:	248973
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.8	23.6
277	24.8	17.0	25.6

