

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
 Data File : BN029247.D
 Acq On : 16 Jan 2024 13:55
 Operator : MA/JU
 Sample : 03573-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 17 01:25:34 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	7.946	152	141268	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	653121	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	446384	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	1028845	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1035660	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1249527	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15460	4.520	ng/uL	0.00
4) Pyridine-d5	3.781	84	232740	22.059	ng/u1	0.00
7) Phenol-d5	7.105	99	279591	20.628	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	184733	21.609	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	214090	22.329	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	230606	21.102	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	109417	23.092	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	92286	23.486	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	201943	20.646	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	345880	19.539	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	800747	21.793	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	901383	21.783	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	122610	19.173	ng/u1	0.00
60) Fluorene-d10	15.575	176	689314	22.012	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	67174	15.525	ng/u1	0.00
73) Anthracene-d10	17.433	188	1081963	20.920	ng/u1	0.00
81) Pyrene-d10	19.727	212	1318748	22.915	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	1412198	21.928	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	4223	1.217	ng/uL#	78
5) Pyridine	3.805	79	45166	4.190	ng/u1#	56
6) Benzaldehyde	7.087	77	39254m	6.453	ng/u1	
8) Phenol	7.128	94	54873	3.983	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.375	93	47448	4.244	ng/u1	96
12) 2-Chlorophenol	7.505	128	44215	4.430	ng/u1	99
13) 2-Methylphenol	8.387	108	40674	3.876	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	61968	4.334	ng/u1	99
16) Acetophenone	8.775	105	78303	4.229	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	41049	4.212	ng/u1	98
18) 4-Methylphenol	8.710	108	45754	4.052	ng/u1	99
19) Hexachloroethane	9.016	117	19437	4.290	ng/u1	97
22) Nitrobenzene	9.152	77	59693	4.557	ng/u1	94
23) Isophorone	9.675	82	116447	4.182	ng/u1	99
25) 2-Nitrophenol	9.857	139	20324	4.418	ng/u1	95
26) 2,4-Dimethylphenol	9.922	107	50947	4.142	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.169	93	68126	4.347	ng/u1	98
29) 2,4-Dichlorophenol	10.387	162	41657	4.331	ng/u1	99
30) Naphthalene	10.793	128	161587	4.339	ng/u1	99
32) 4-Chloroaniline	10.910	127	71120	4.130	ng/u1	97
33) Hexachlorobutadiene	11.069	225	29460	4.339	ng/u1	96
34) Caprolactam	11.704	113	16847	4.321	ng/u1	89
35) 4-Chloro-3-methylphenol	12.028	107	45384	3.977	ng/u1	99
36) 2-Methylnaphthalene	12.404	142	112343	4.314	ng/u1	100

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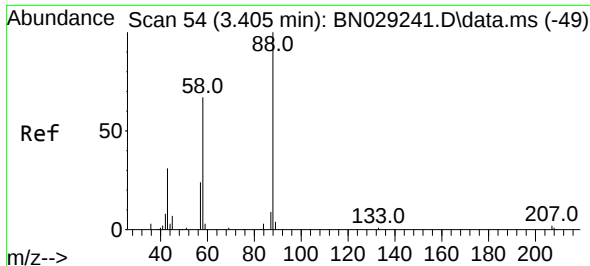
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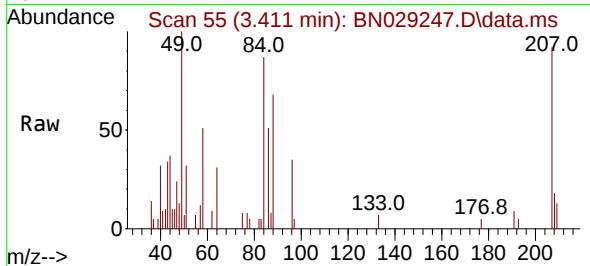
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	114173	4.418	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	60464	4.346	ng/ul	96
40) Hexachlorocyclopentadiene	12.740	237	41905	4.499	ng/ul	93
41) 2,4,6-Trichlorophenol	13.010	196	28299	3.671	ng/ul	91
42) 2,4,5-Trichlorophenol	13.081	196	34348	3.969	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	150134	4.174	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	118564	4.219	ng/ul	97
45) 2-Nitroaniline	13.669	65	28259	3.794	ng/ul	96
47) Dimethylphthalate	14.051	163	161438	4.315	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	22837	3.775	ng/ul	97
50) Acenaphthylene	14.304	152	201844	4.204	ng/ul	100
51) 3-Nitroaniline	14.492	138	24676	3.755	ng/ul	98
52) Acenaphthene	14.645	153	132709	4.211	ng/ul	97
53) 2,4-Dinitrophenol	14.698	184	10828	4.188	ng/ul	92
55) 4-Nitrophenol	14.792	109	26437	4.513	ng/ul	99
56) Dibenzofuran	14.981	168	183607	4.308	ng/ul	97
57) 2,4-Dinitrotoluene	14.951	165	34302	3.872	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	25980	3.639	ng/ul	98
59) Diethylphthalate	15.416	149	161038	4.126	ng/ul	99
61) Fluorene	15.634	166	158245	4.287	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.634	204	77065	4.273	ng/ul	98
63) 4-Nitroaniline	15.651	138	27701	4.281	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.704	198	18393	3.692	ng/ul#	74
67) N-Nitrosodiphenylamine	15.845	169	129346	4.146	ng/ul	96
68) 4-Bromophenyl-phenylether	16.528	248	40132	3.490	ng/ul	95
69) Hexachlorobenzene	16.622	284	57527	4.156	ng/ul#	92
70) Atrazine	16.804	200	53631	4.528	ng/ul	97
71) Pentachlorophenol	16.975	266	29631	3.962	ng/ul	93
72) Phenanthrene	17.375	178	250927	4.204	ng/ul	98
74) Anthracene	17.469	178	250807	4.046	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	56926	4.092	ng/uL	91
76) Pentachlorobenzene	14.892	250	68314	4.744	ng/uL	95
77) Carbazole	17.739	167	222073	3.874	ng/ul	99
78) Di-n-butylphthalate	18.322	149	259614	3.714	ng/ul	100
80) Fluoranthene	19.392	202	295001	4.338	ng/ul	98
82) Pyrene	19.757	202	311364	4.311	ng/ul	100
83) Butylbenzylphthalate	20.686	149	100902	3.573	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	92350	3.843	ng/ul	89
85) Benzo(a)anthracene	21.516	228	330164	4.326	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.474	149	167440	3.591	ng/ul	98
87) Chrysene	21.574	228	296849	4.206	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	258567	2.935	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	317378	4.005	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	326394	4.134	ng/ul	99
93) Benzo(a)pyrene	23.845	252	308218	4.102	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.445	276	361764	3.804	ng/ul	95
95) Dibenzo(a,h)anthracene	26.480	278	300583	3.791	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	285480	3.760	ng/ul	95

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



#2
1,4-Dioxane
Concen: 1.217 ng/uL
RT: 3.411 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

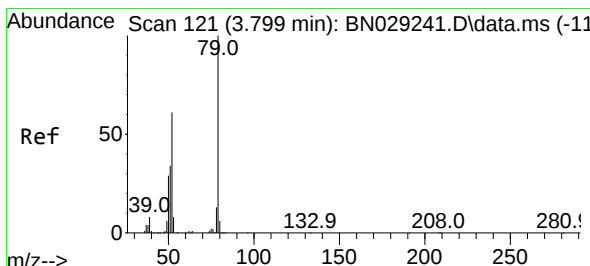
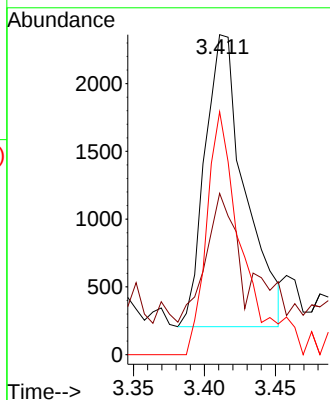
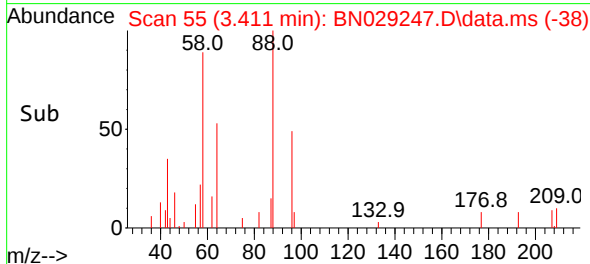
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



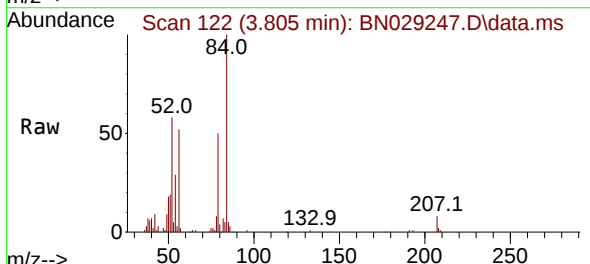
Tgt Ion: 88 Resp: 422
Ion Ratio Lower Upper
88 100
43 50.4 26.3 39.5
58 75.9 49.7 74.5

Manual Integrations
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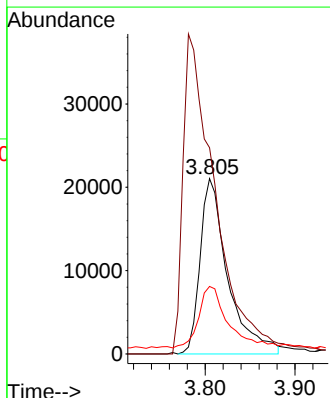
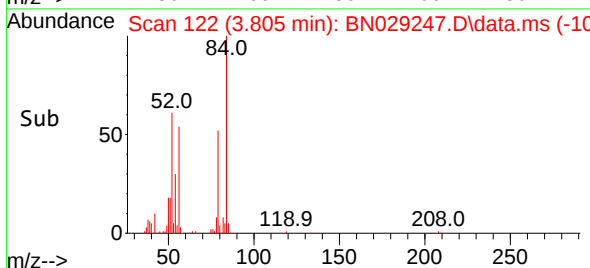
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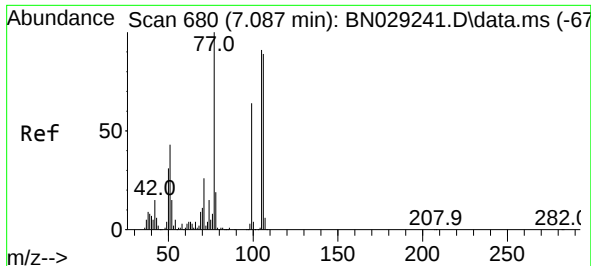


#5
Pyridine
Concen: 4.190 ng/uL
RT: 3.805 min Scan# 122
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



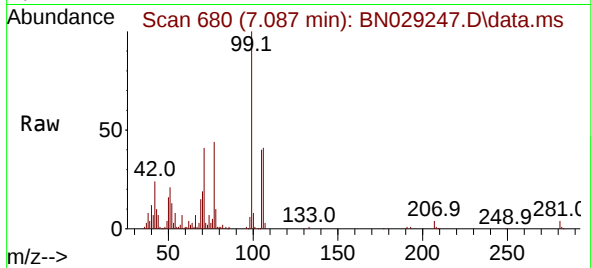
Tgt Ion: 79 Resp: 45166
Ion Ratio Lower Upper
79 100
52 117.6 53.8 80.8
51 38.5 27.4 41.0





#6
Benzaldehyde
Concen: 6.453 ng/ul m
RT: 7.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

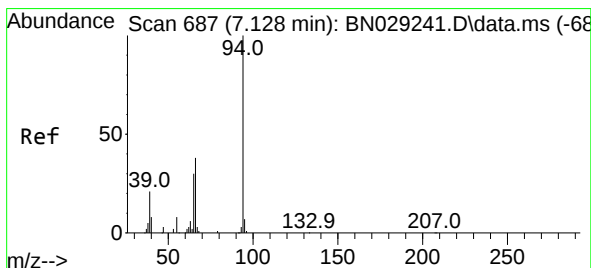
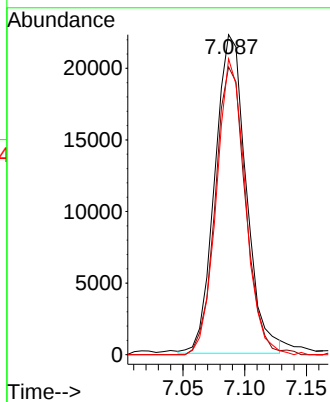
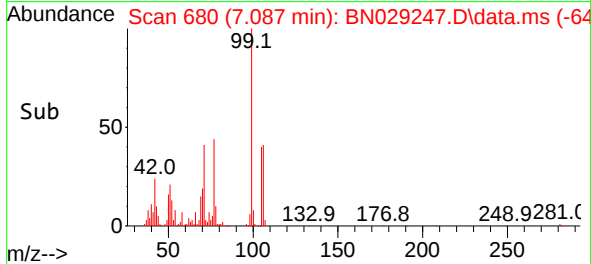
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 77 Resp: 39254
Ion Ratio Lower Upper
77 100
105 89.9 73.3 109.9
106 92.4 72.5 108.7

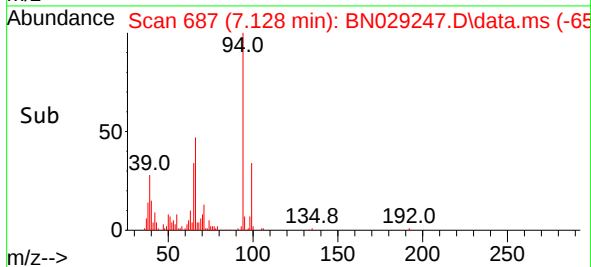
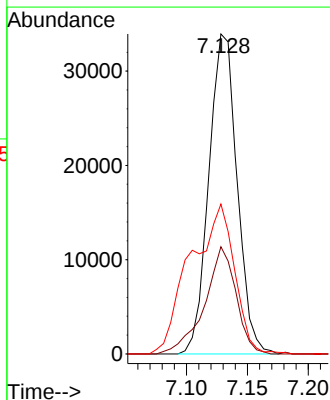
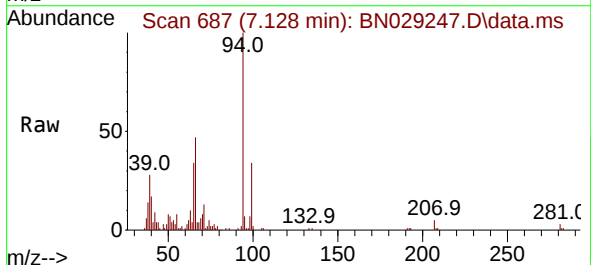
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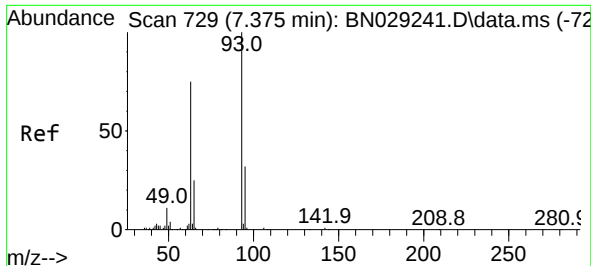
Reviewed By :Jagrut Upadhyay 01/17/2024
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#8
Phenol
Concen: 3.983 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

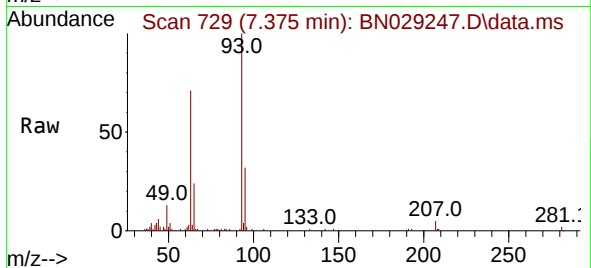
Tgt Ion: 94 Resp: 54873
Ion Ratio Lower Upper
94 100
65 33.5 25.6 38.4
66 46.8 33.8 50.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.244 ng/ul
RT: 7.375 min Scan# 710
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

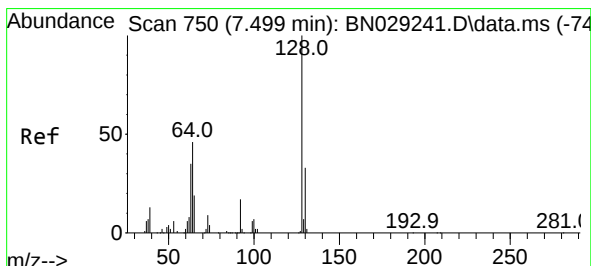
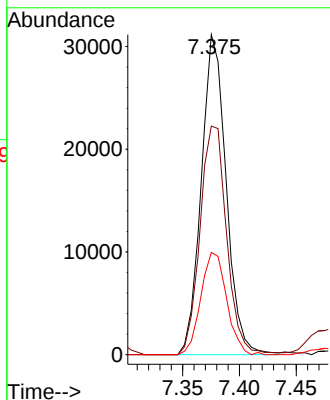
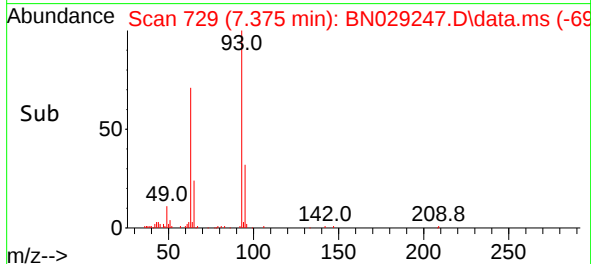
Instrument :
BNA_N
ClientSampleId :
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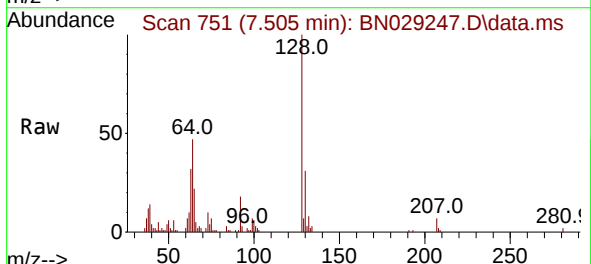
Tgt Ion: 93 Resp: 47448
Ion Ratio Lower Upper
93 100
63 71.5 60.6 91.0
95 31.9 26.1 39.1

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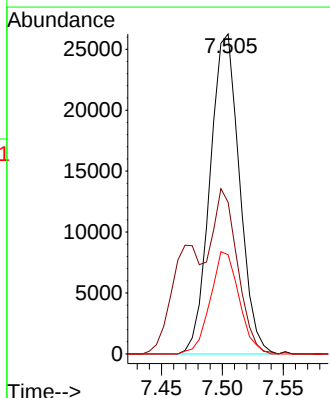
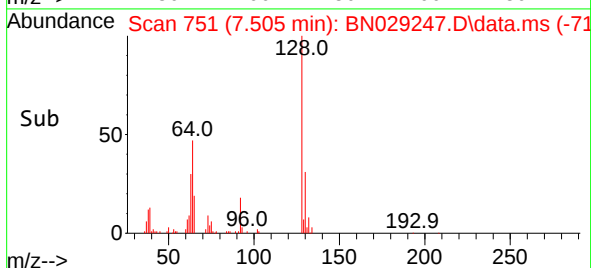
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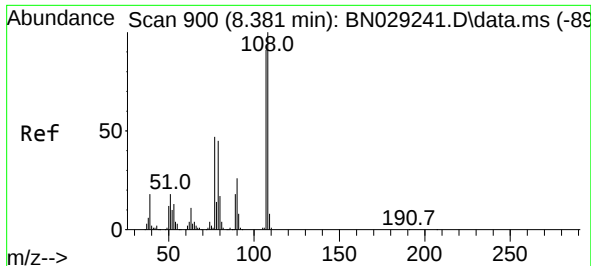


#12
2-Chlorophenol
Concen: 4.430 ng/ul
RT: 7.505 min Scan# 751
Delta R.T. 0.000 min
Lab File: BN029247.D
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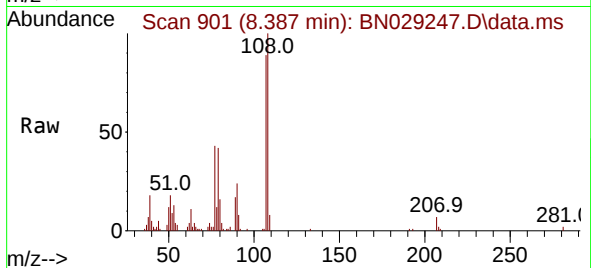
Tgt Ion:128 Resp: 44215
Ion Ratio Lower Upper
128 100
64 47.4 38.6 57.8
130 31.0 25.5 38.3





#13
2-Methylphenol
Concen: 3.876 ng/ul
RT: 8.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

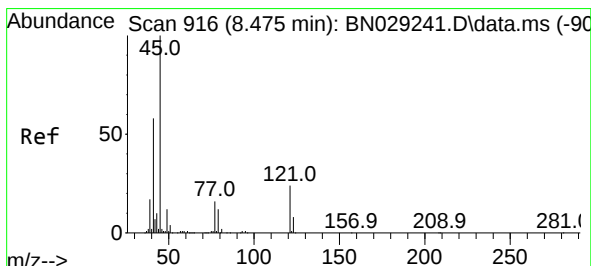
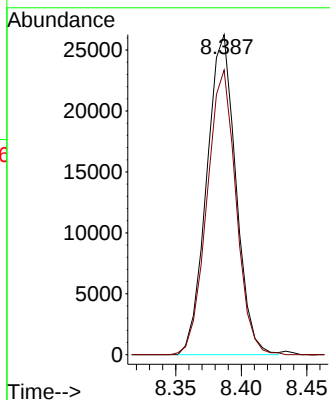
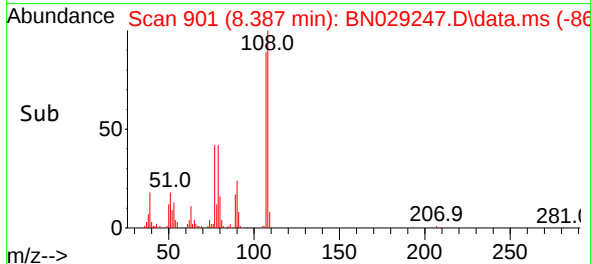
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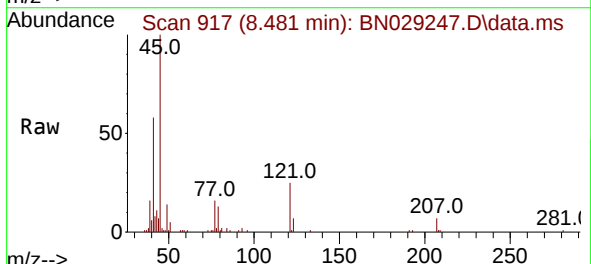
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Ion Ratio Lower Upper
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107 89.0 69.2 103.8

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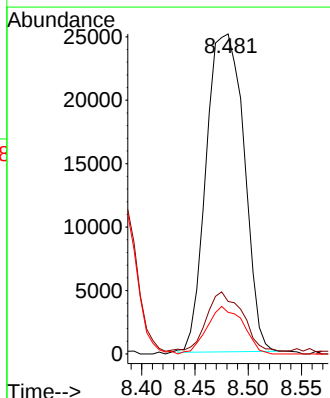
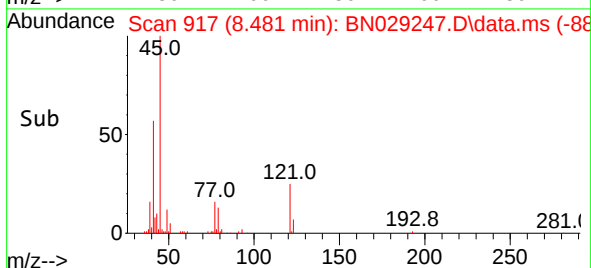
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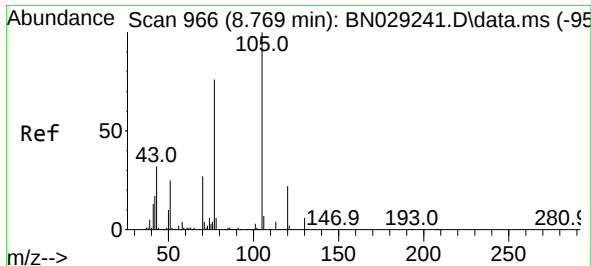


#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.334 ng/ul
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



Tgt Ion: 45 Resp: 61968
Ion Ratio Lower Upper
45 100
77 16.4 13.1 19.7
79 13.0 10.0 15.0





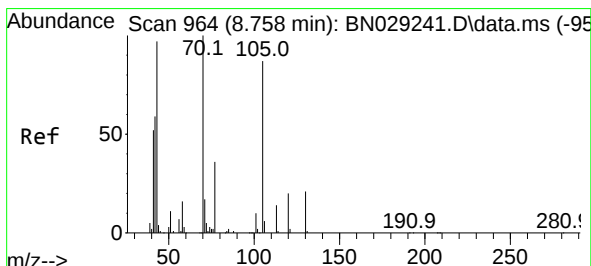
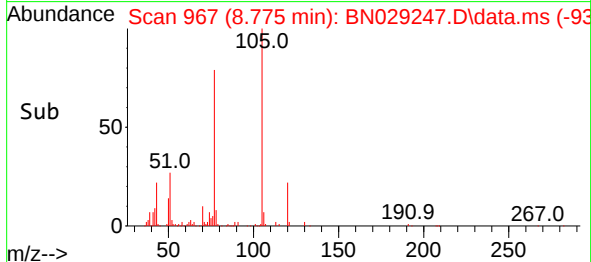
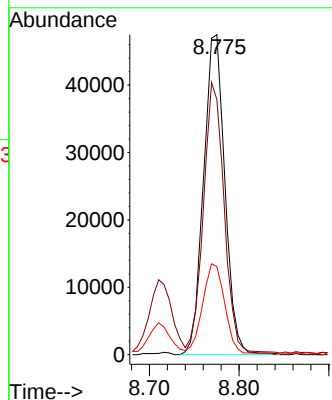
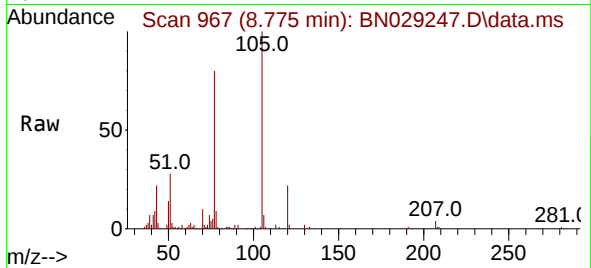
#16
Acetophenone
Concen: 4.229 ng/ul
RT: 8.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

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

Tgt Ion: 105 Resp: 7830
Ion Ratio Lower Upper
105 100
77 79.7 65.8 98.6
51 27.6 21.8 32.6

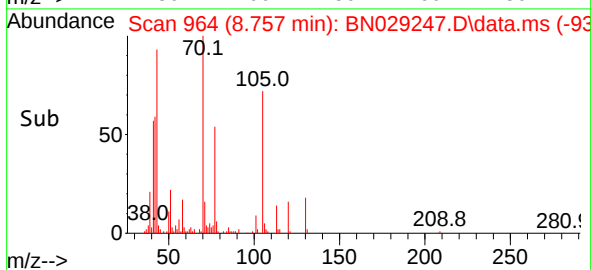
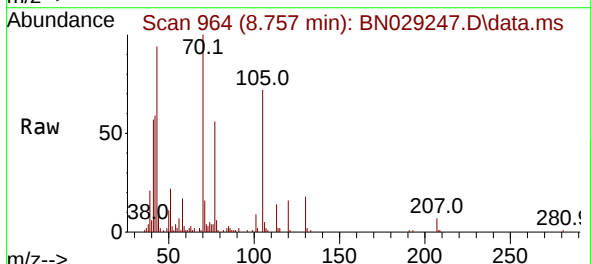
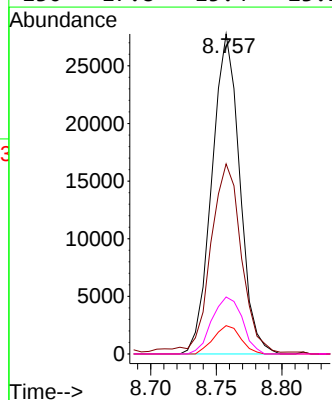
Manual Integrations
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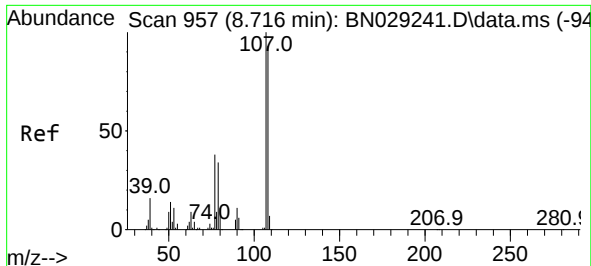
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.212 ng/ul
RT: 8.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

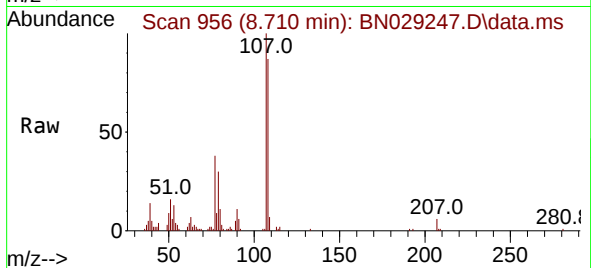
Tgt Ion: 70 Resp: 41049
Ion Ratio Lower Upper
70 100
42 59.4 48.3 72.5
101 8.9 7.1 10.7
130 17.8 15.4 23.2





#18
4-Methylphenol
Concen: 4.052 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

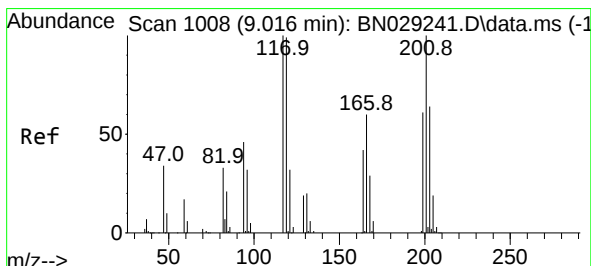
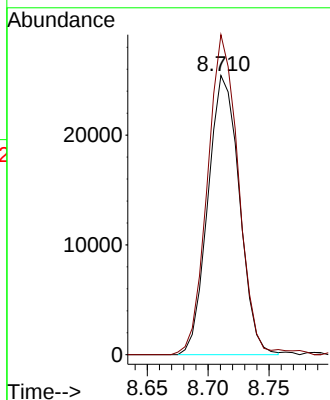
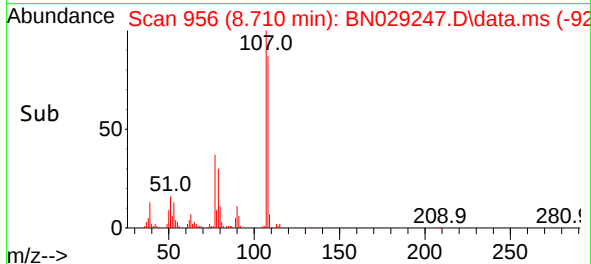
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:108 Resp: 45754
Ion Ratio Lower Upper
108 100
107 114.6 92.5 138.7

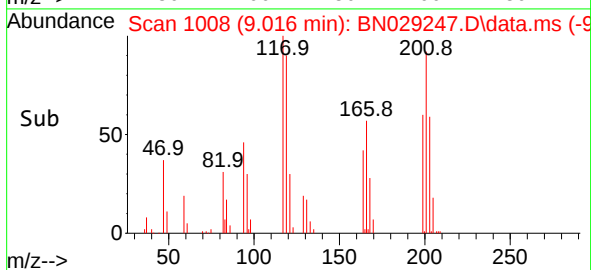
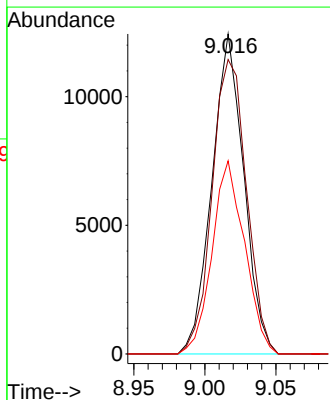
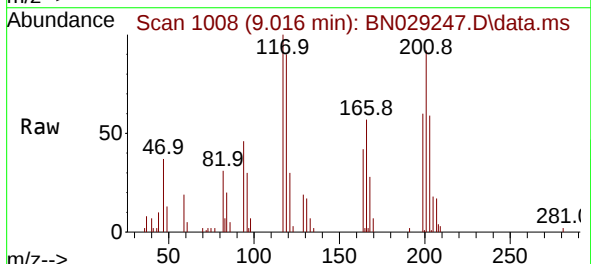
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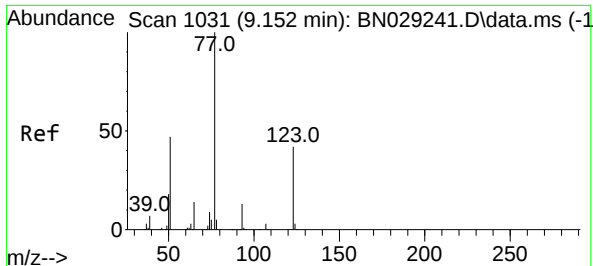
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#19
Hexachloroethane
Concen: 4.290 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

Tgt Ion:117 Resp: 19437
Ion Ratio Lower Upper
117 100
201 92.0 70.6 106.0
199 61.7 47.9 71.9





#22

Nitrobenzene

Concen: 4.557 ng/uI

RT: 9.152 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

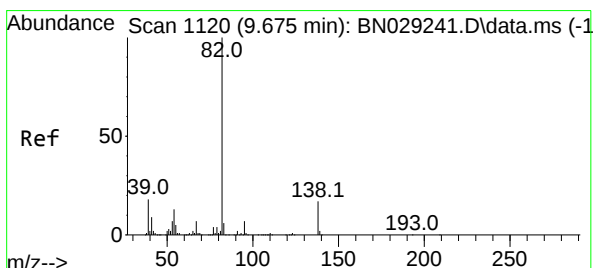
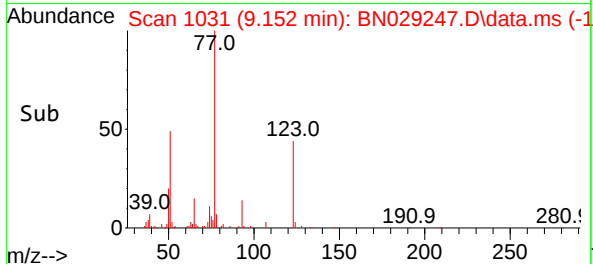
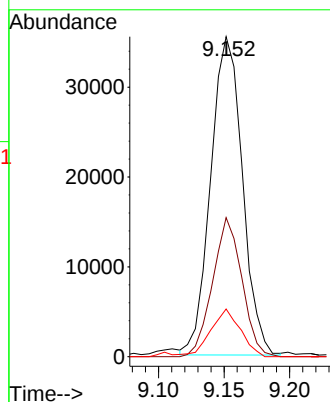
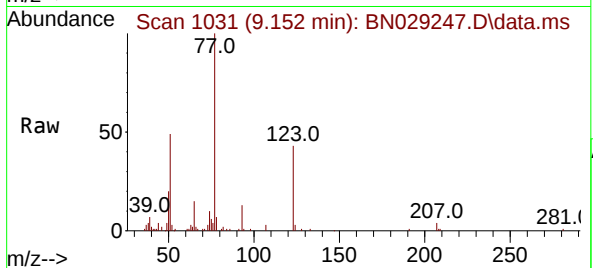
MDL-SOIL-QT3-2023-05

Tgt Ion: 77	Resp: 5969
Ion Ratio	Lower Upper
77 100	
123 43.4	31.4 47.0
65 14.9	10.9 16.3

Manual Integrations

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



#23

Isophorone

Concen: 4.182 ng/uI

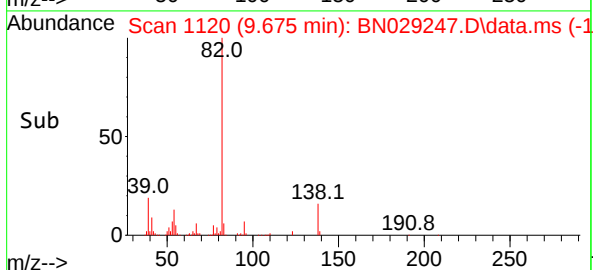
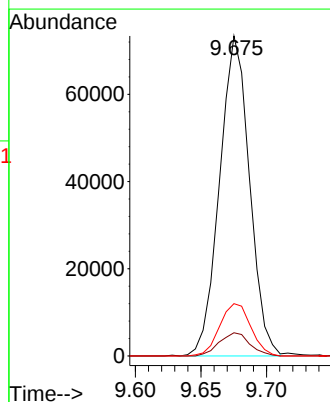
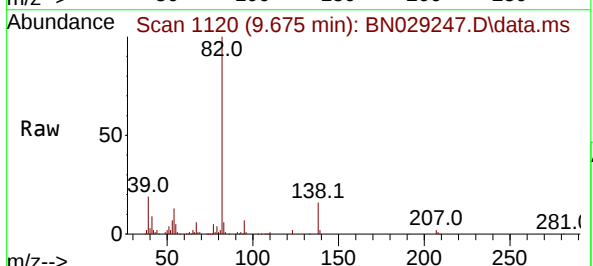
RT: 9.675 min Scan# 1120

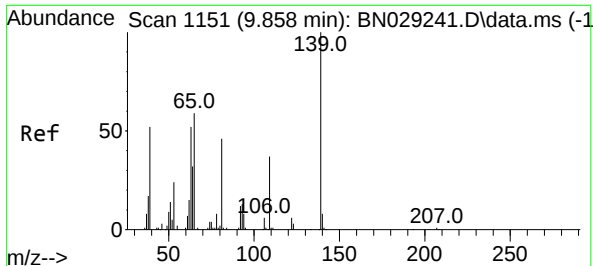
Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Tgt Ion: 82	Resp: 116447
Ion Ratio	Lower Upper
82 100	
95 7.3	5.9 8.9
138 16.3	12.9 19.3





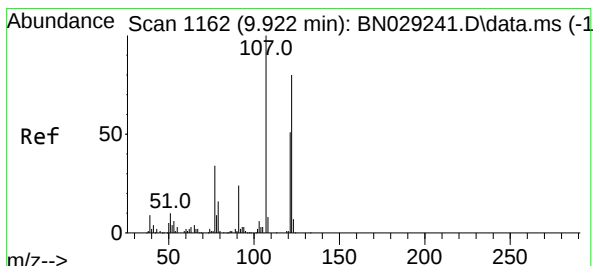
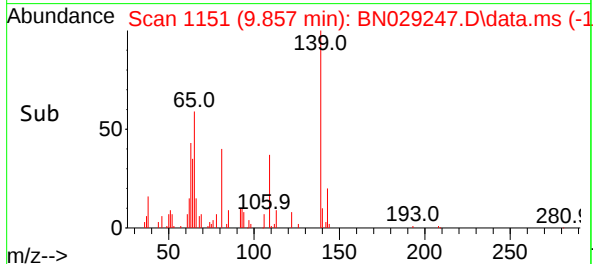
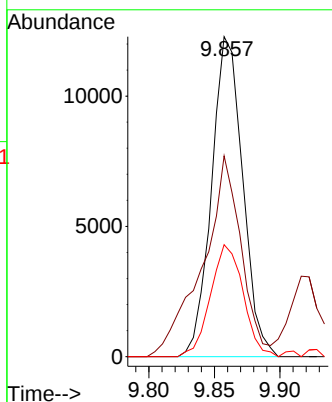
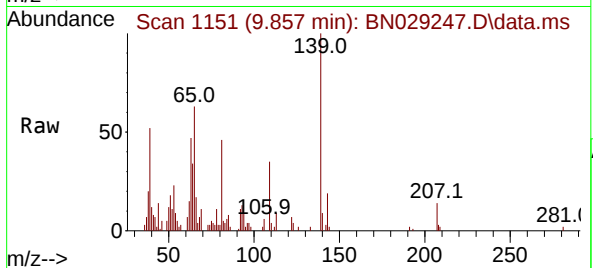
#25
2-Nitrophenol
Concen: 4.418 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

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

Tgt Ion:139 Resp: 20324
Ion Ratio Lower Upper
139 100
65 62.7 45.5 68.3
109 35.0 28.6 42.8

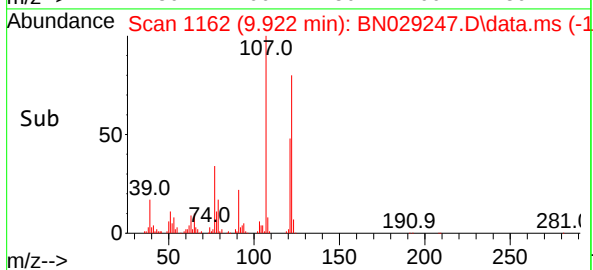
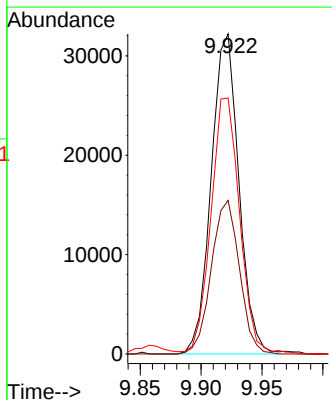
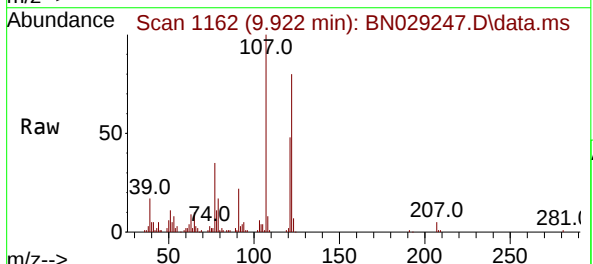
Manual Integrations
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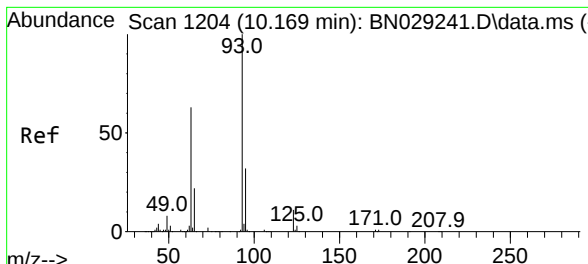
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#26
2,4-Dimethylphenol
Concen: 4.142 ng/ul
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

Tgt Ion:107 Resp: 50947
Ion Ratio Lower Upper
107 100
121 48.0 40.1 60.1
122 80.0 68.4 102.6





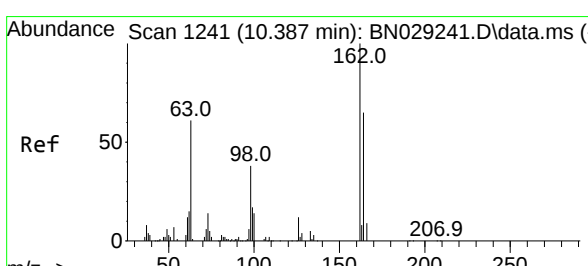
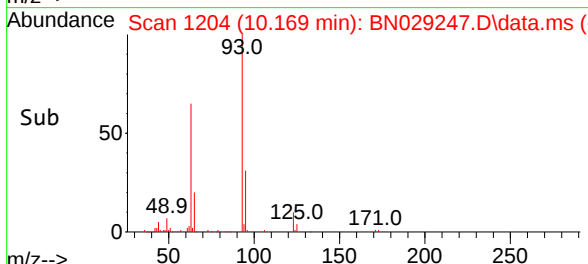
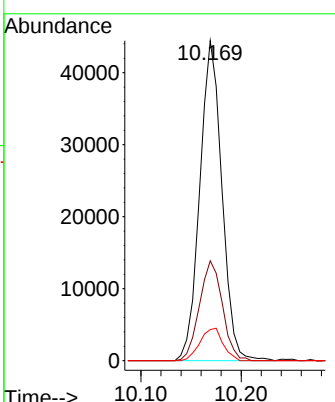
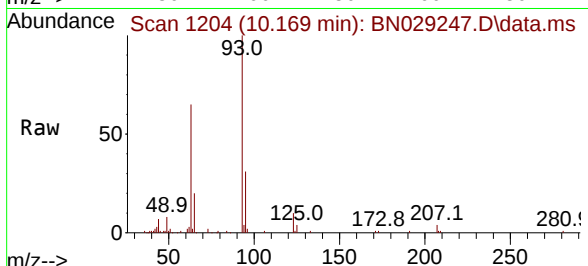
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.347 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. 0.000 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55

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

Tgt Ion: 93 Resp: 68120

Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.8	38.8
123	9.7	7.9	11.9

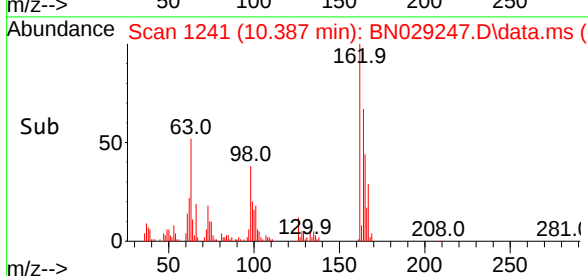
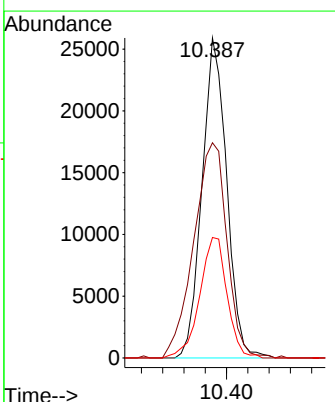
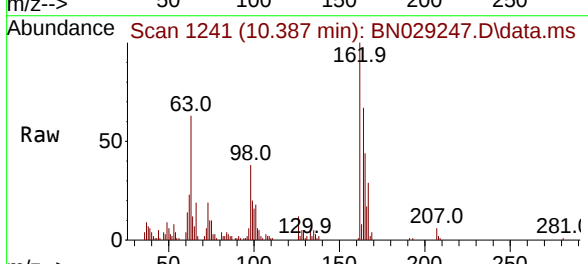
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 Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

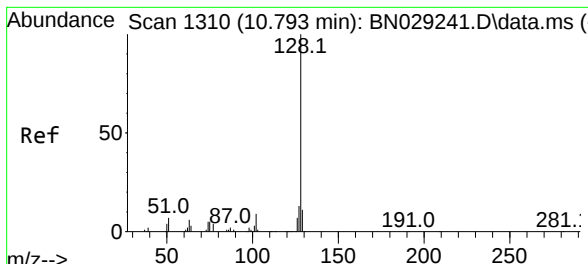


#29
 2,4-Dichlorophenol
 Concen: 4.331 ng/ul
 RT: 10.387 min Scan# 1241
 Delta R.T. -0.006 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55

Tgt Ion:162 Resp: 41657

Ion	Ratio	Lower	Upper
162	100		
164	67.2	53.6	80.4
98	37.6	30.8	46.2





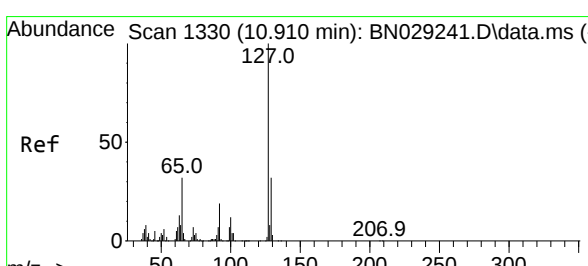
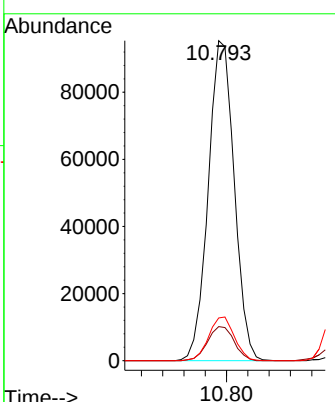
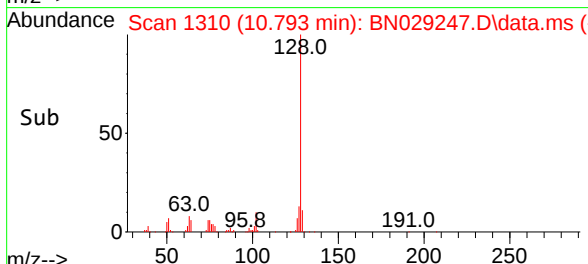
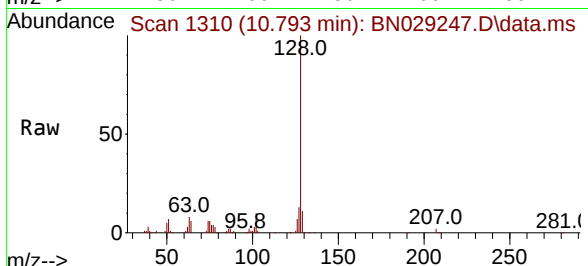
#30
Naphthalene
Concen: 4.339 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

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

Tgt Ion:	128	Resp:	16158
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.4
127	13.4	10.5	15.7

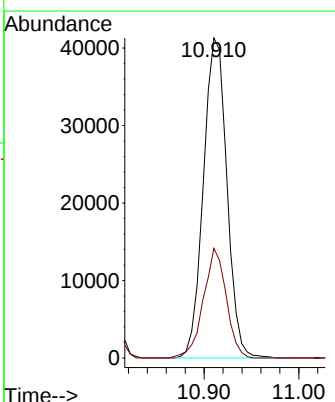
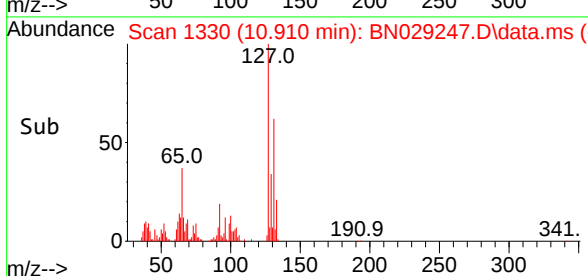
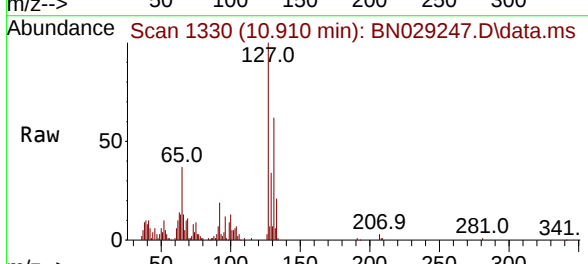
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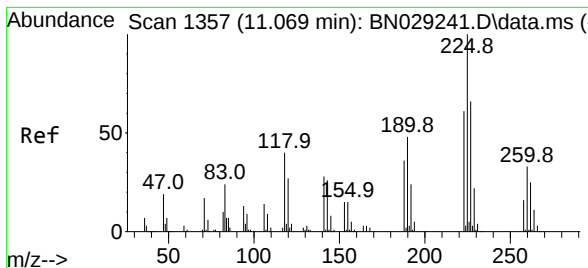
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#32
4-Chloroaniline
Concen: 4.130 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

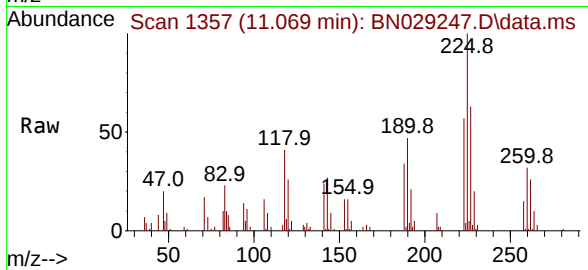
Tgt Ion:	127	Resp:	71120
Ion Ratio	Lower	Upper	
127	100		
129	34.3	26.1	39.1





#33
Hexachlorobutadiene
Concen: 4.339 ng/ul
RT: 11.069 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

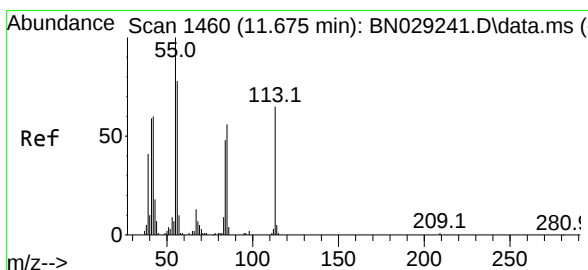
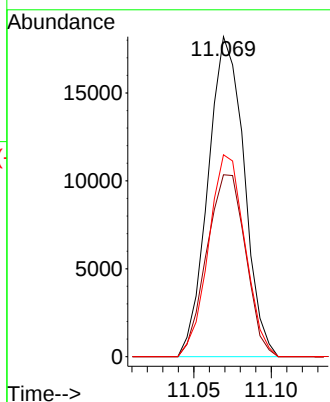
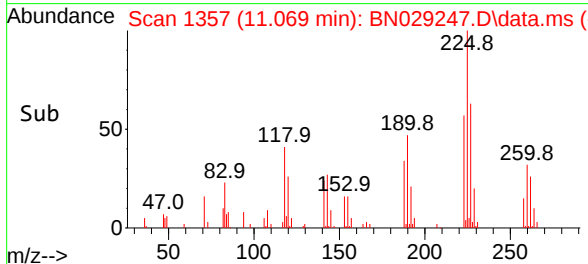
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



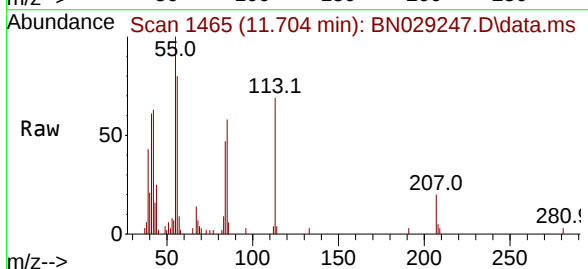
Tgt Ion:225 Resp: 29460
Ion Ratio Lower Upper
225 100
223 56.8 48.0 72.0
227 63.1 47.8 71.6

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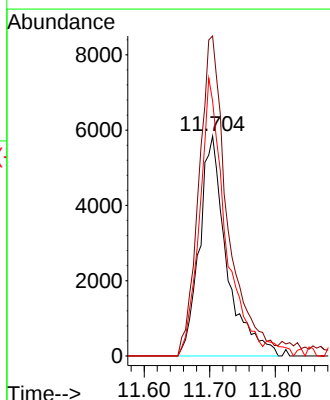
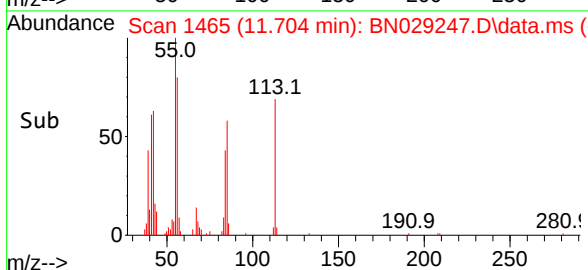
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

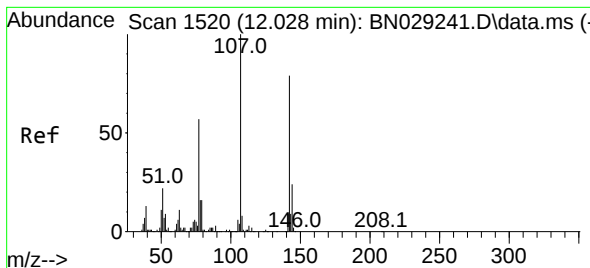


#34
Caprolactam
Concen: 4.321 ng/ul
RT: 11.704 min Scan# 1465
Delta R.T. 0.030 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



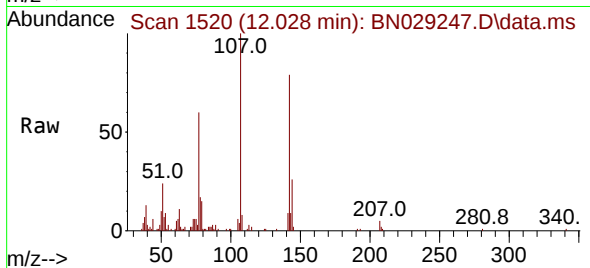
Tgt Ion:113 Resp: 16847
Ion Ratio Lower Upper
113 100
55 145.5 132.9 199.3
56 116.0 96.5 144.7





#35
4-Chloro-3-methylphenol
Concen: 3.977 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

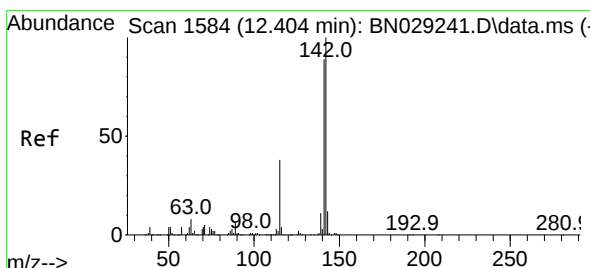
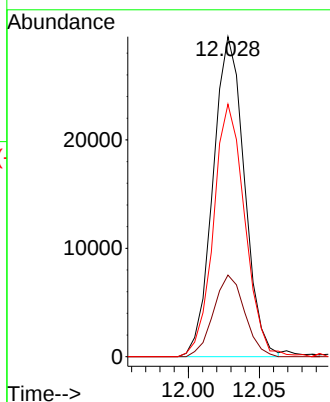
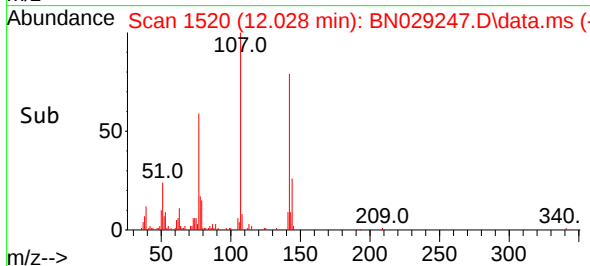
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-05



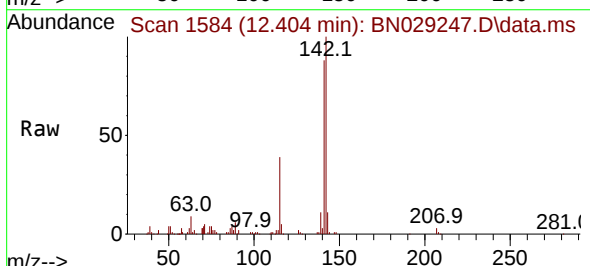
Tgt Ion:107 Resp: 45384
Ion Ratio Lower Upper
107 100
144 25.5 20.2 30.2
142 78.9 62.6 93.8

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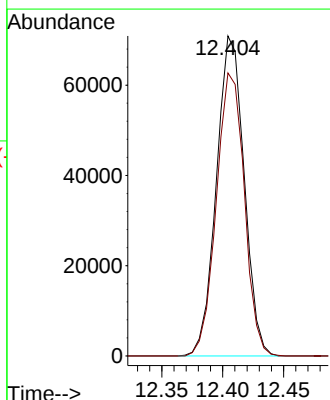
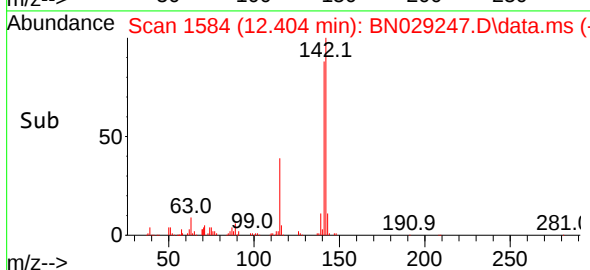
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

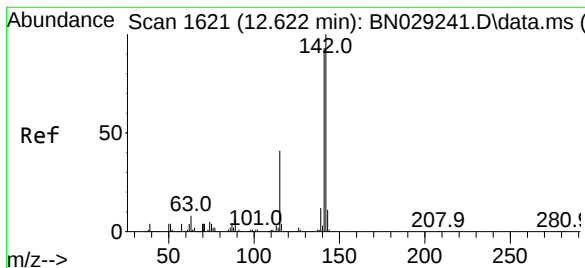


#36
2-Methylnaphthalene
Concen: 4.314 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



Tgt Ion:142 Resp: 112343
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6





#37

1-Methylnaphthalene

Concen: 4.418 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BN029247.D

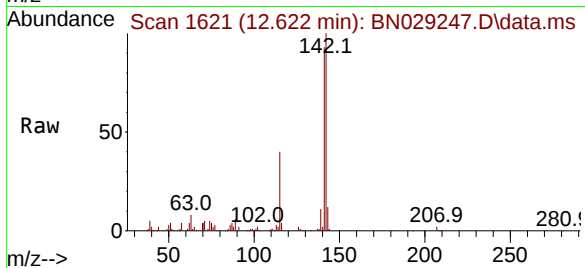
Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2023-05

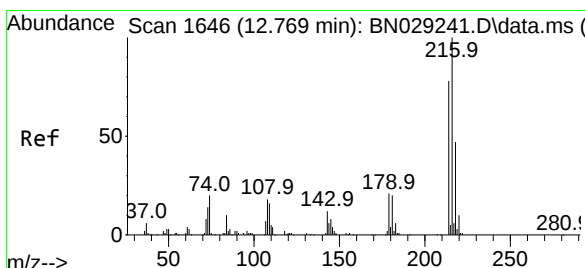
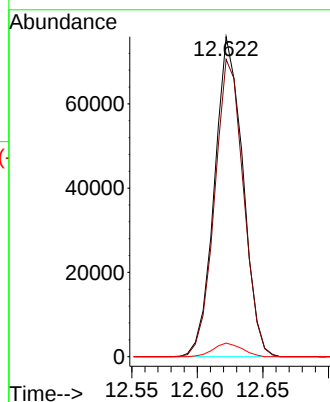
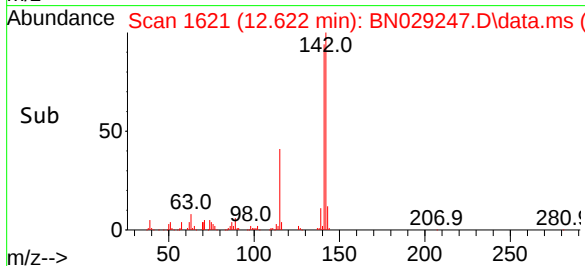


Tgt Ion:	142	Resp:	11417
Ion Ratio	Lower	Upper	
142	100		
141	92.9	74.6	112.0
116	4.3	3.6	5.4

Manual Integrations

APPROVED

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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.346 ng/ul

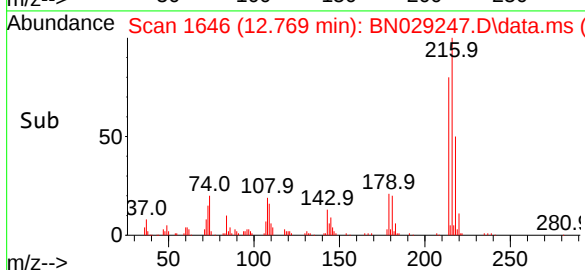
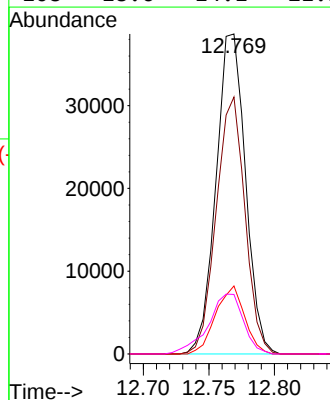
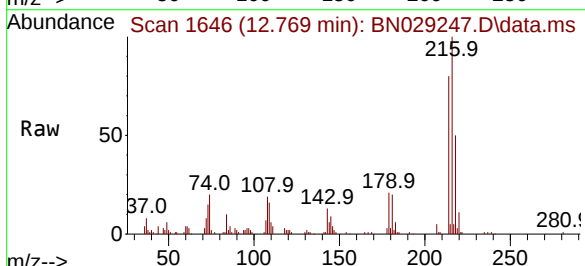
RT: 12.769 min Scan# 1646

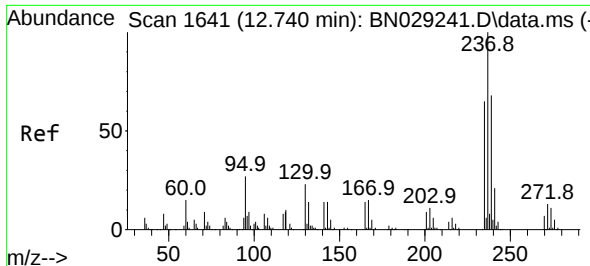
Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

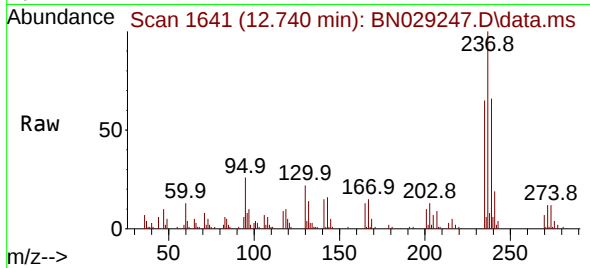
Tgt Ion:	216	Resp:	60464
Ion Ratio	Lower	Upper	
216	100		
214	80.3	60.3	90.5
179	21.2	17.0	25.4
108	18.6	14.1	21.1





#40
Hexachlorocyclopentadiene
Concen: 4.499 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

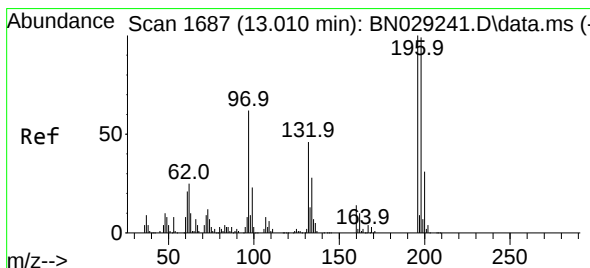
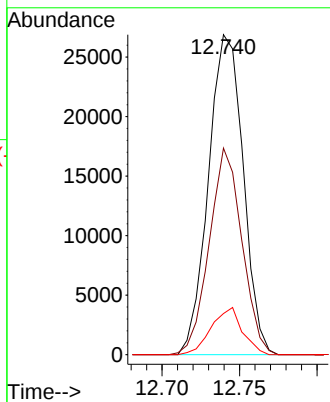
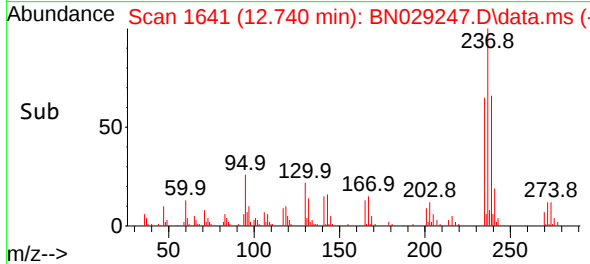
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion:237 Resp: 41908
Ion Ratio Lower Upper
237 100
235 64.6 47.0 70.4
272 12.8 9.3 13.9

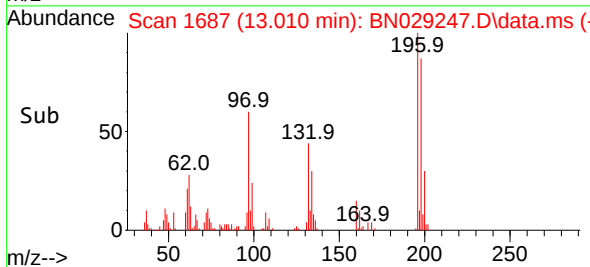
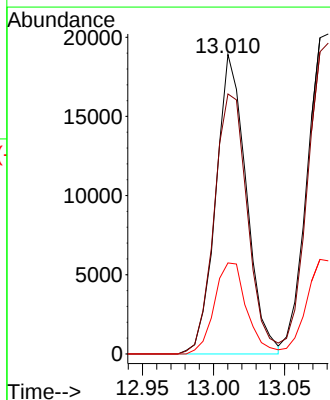
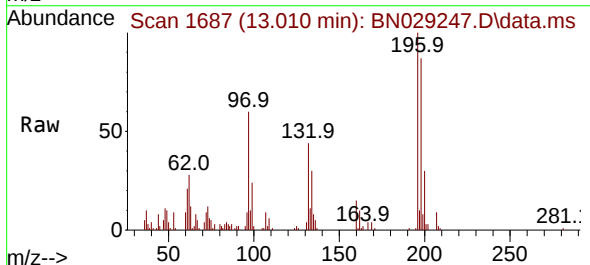
Manual Integrations
APPROVED

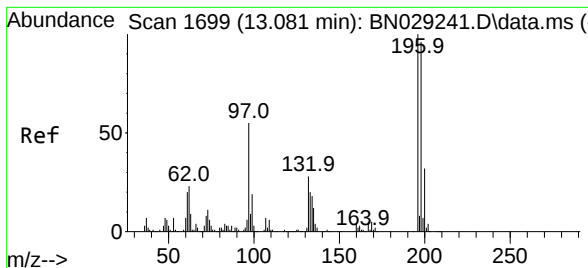
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#41
2,4,6-Trichlorophenol
Concen: 3.671 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

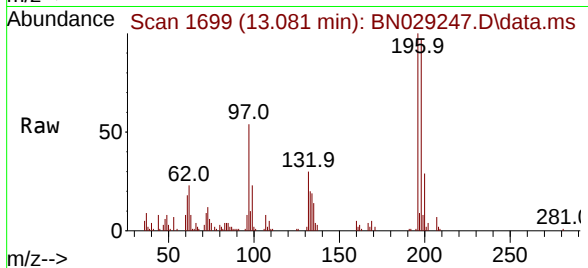
Tgt Ion:196 Resp: 28299
Ion Ratio Lower Upper
196 100
198 86.8 78.6 117.8
200 30.4 23.7 35.5





#42
2,4,5-Trichlorophenol
Concen: 3.969 ng/ul
RT: 13.081 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

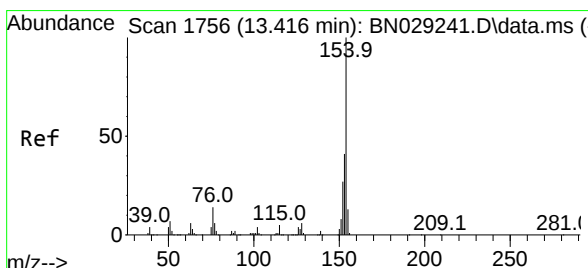
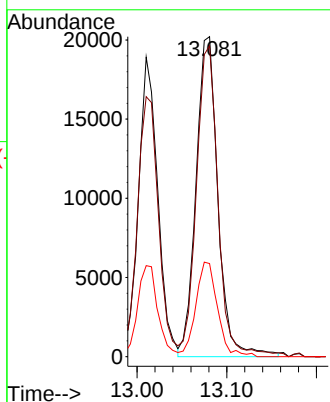
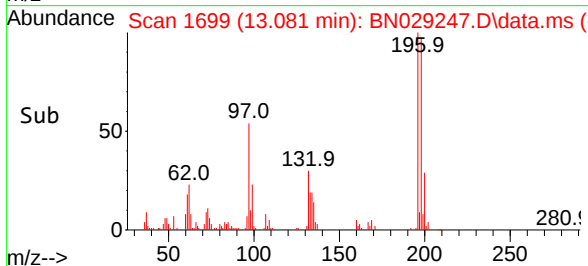
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:196 Resp: 3434
Ion Ratio Lower Upper
196 100
198 97.1 76.5 114.7
200 29.1 23.6 35.4

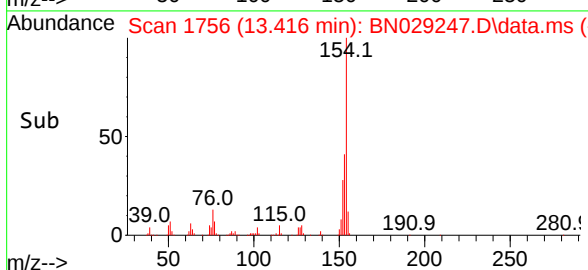
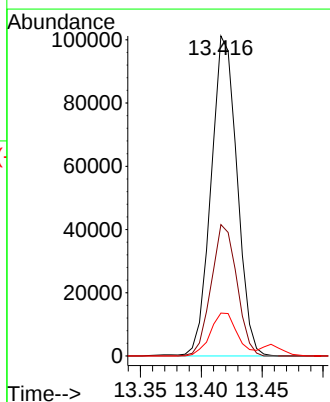
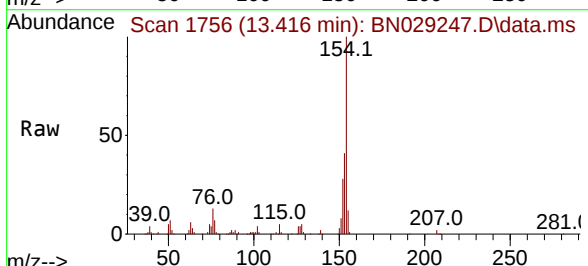
Manual Integrations
APPROVED

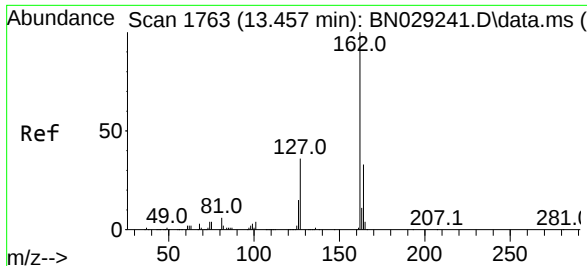
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#43
1,1'-Biphenyl
Concen: 4.174 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

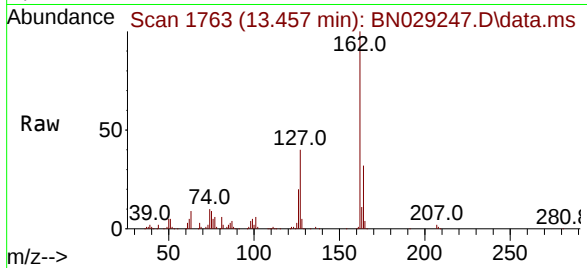
Tgt Ion:154 Resp: 150134
Ion Ratio Lower Upper
154 100
153 41.0 32.4 48.6
76 13.4 10.9 16.3





#44
2-Chloronaphthalene
Concen: 4.219 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

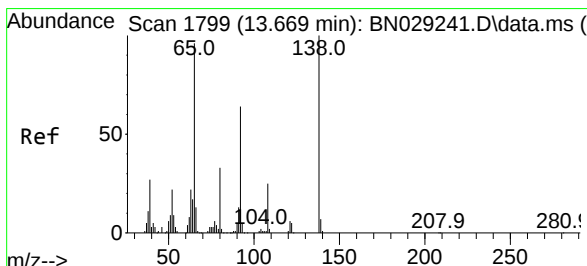
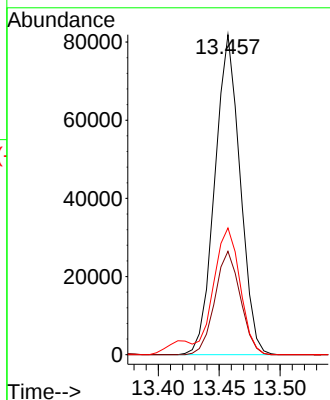
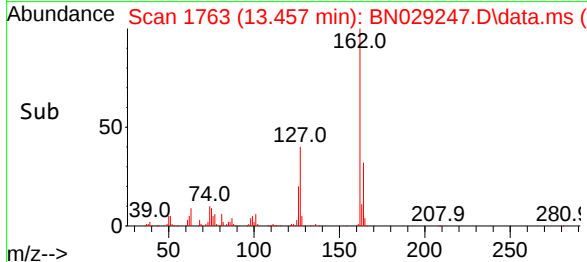
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



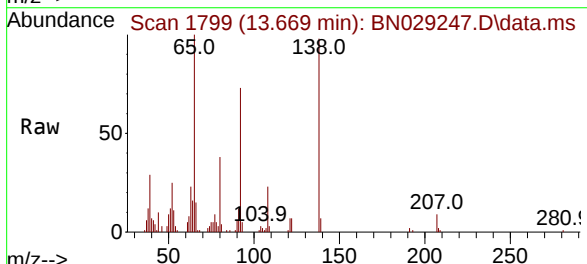
Tgt Ion:162 Resp: 118564
Ion Ratio Lower Upper
162 100
164 32.3 27.4 41.2
127 39.6 33.2 49.8

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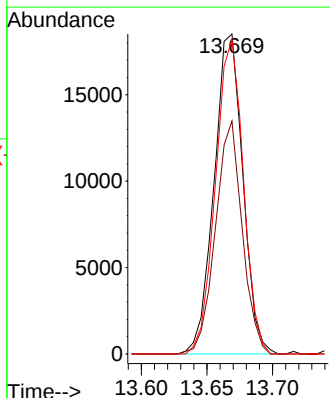
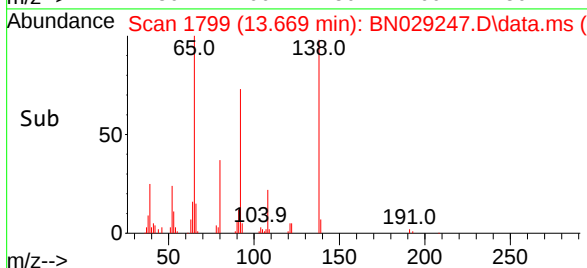
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

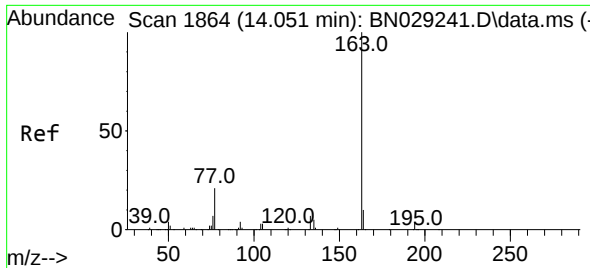


#45
2-Nitroaniline
Concen: 3.794 ng/ul
RT: 13.669 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



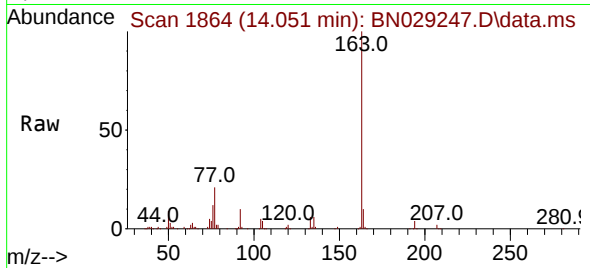
Tgt Ion: 65 Resp: 28259
Ion Ratio Lower Upper
65 100
92 72.8 52.4 78.6
138 98.3 77.8 116.8





#47
Dimethylphthalate
Concen: 4.315 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

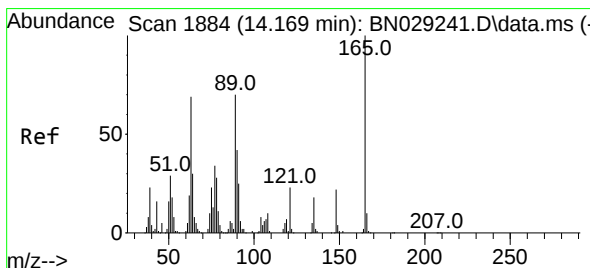
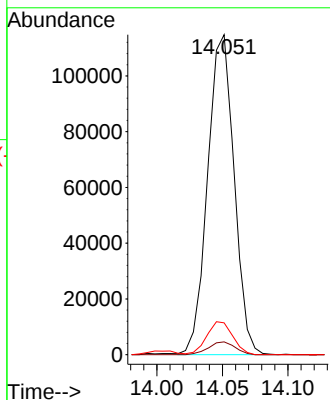
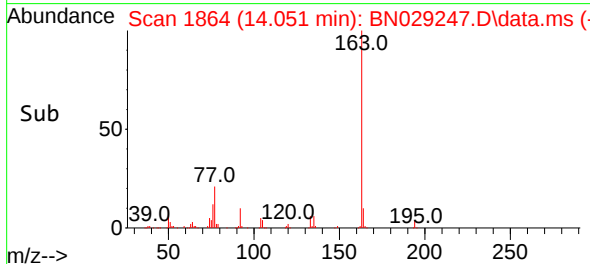
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-05



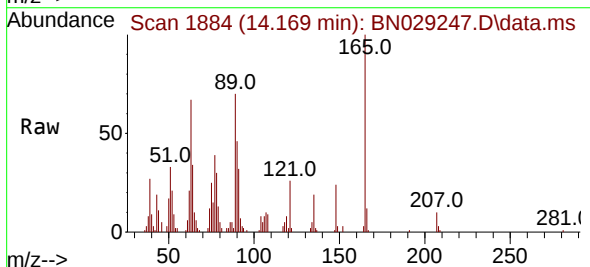
Tgt Ion:163 Resp: 161438
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.2 12.4

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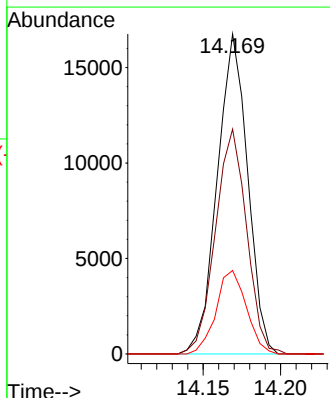
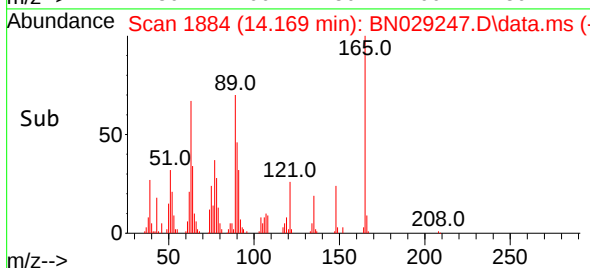
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

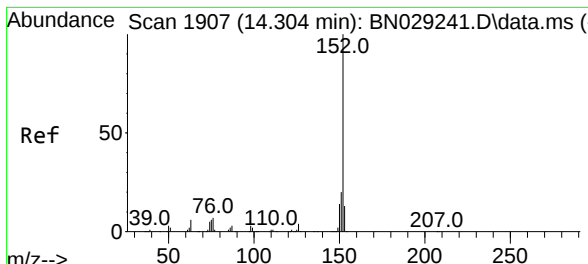


#48
2,6-Dinitrotoluene
Concen: 3.775 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



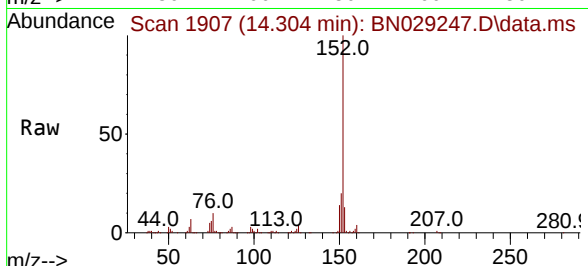
Tgt Ion:165 Resp: 22837
Ion Ratio Lower Upper
165 100
89 70.3 58.6 87.8
121 26.1 20.6 30.8





#50
Acenaphthylene
Concen: 4.204 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

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

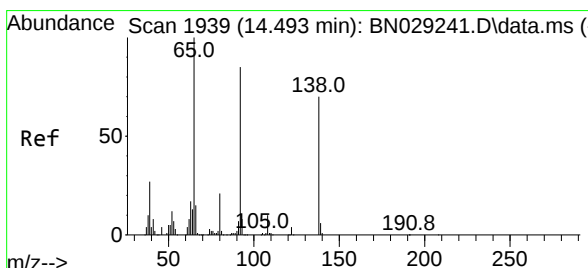
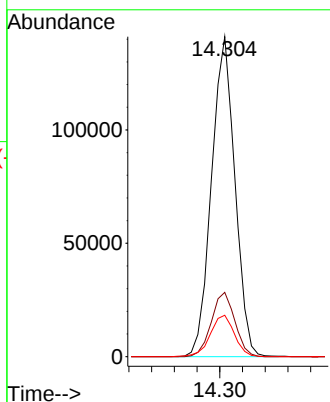
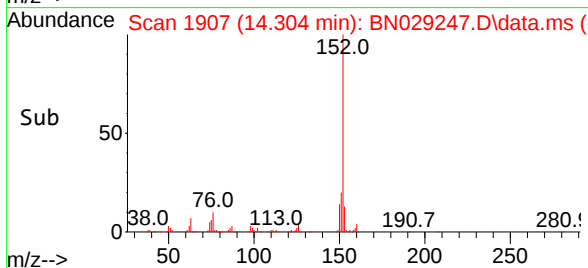


Tgt Ion:152 Resp: 201844

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.0	10.3	15.5

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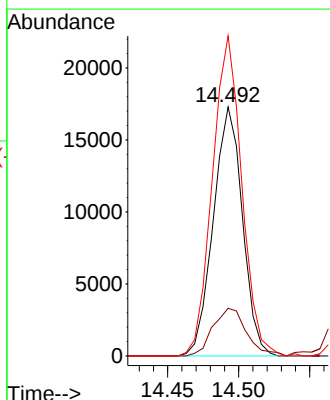
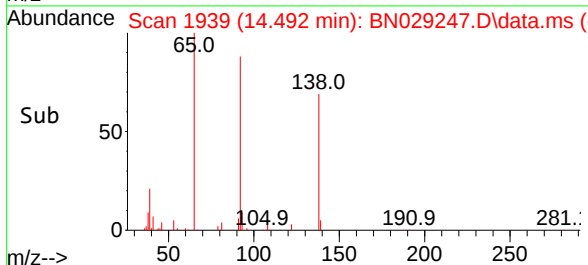
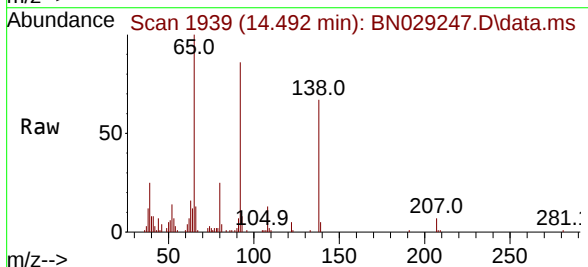
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

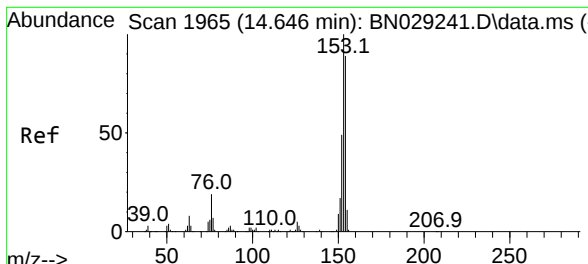


#51
3-Nitroaniline
Concen: 3.755 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

Tgt Ion:138 Resp: 24676

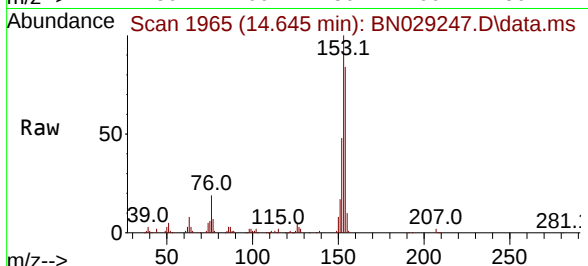
Ion	Ratio	Lower	Upper
138	100		
108	19.2	13.4	20.2
92	128.5	101.8	152.6





#52
 Acenaphthene
 Concen: 4.211 ng/ul
 RT: 14.645 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55

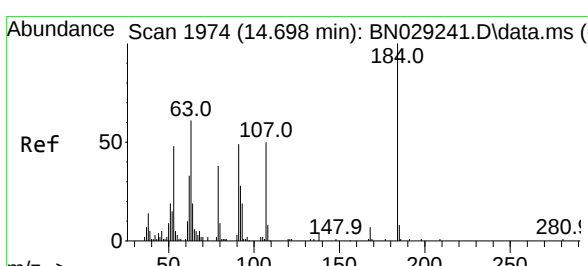
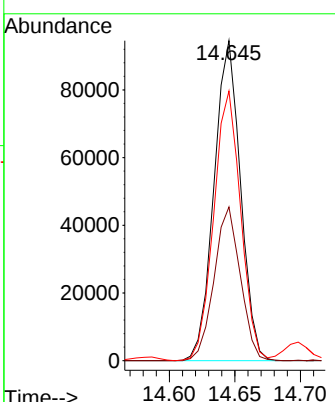
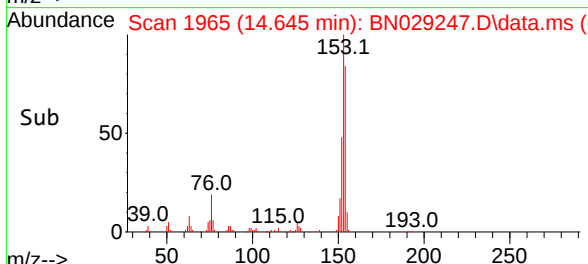
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2023-05



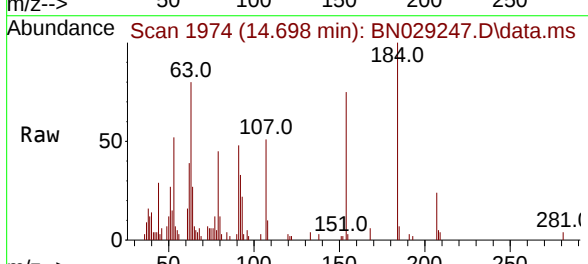
Tgt Ion:153 Resp: 132709

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.8	56.6
154	84.3	70.2	105.2

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

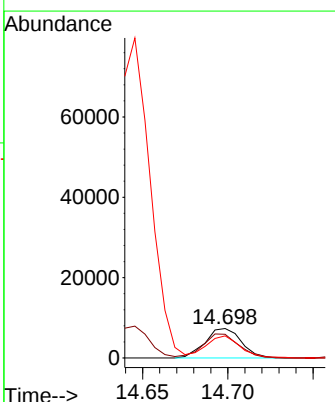
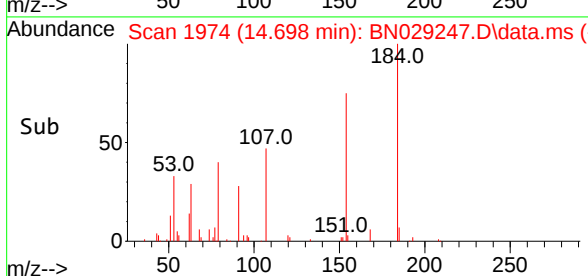


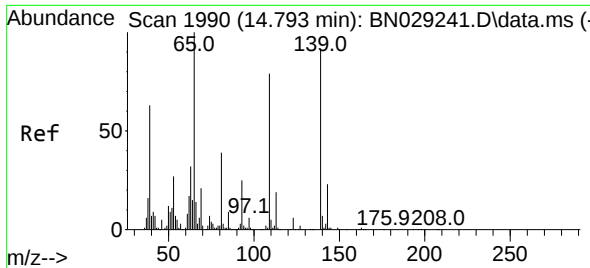
#53
 2,4-Dinitrophenol
 Concen: 4.188 ng/ul
 RT: 14.698 min Scan# 1974
 Delta R.T. 0.000 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55



Tgt Ion:184 Resp: 10828

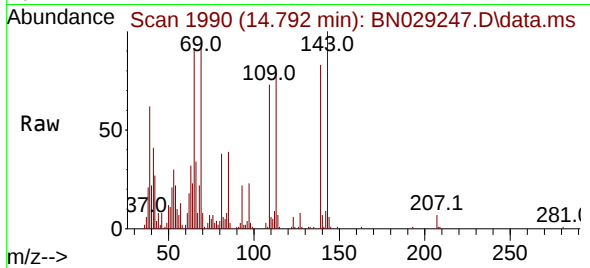
Ion	Ratio	Lower	Upper
184	100		
63	80.1	58.8	88.2
154	74.7	54.5	81.7





#55
4-Nitrophenol
Concen: 4.513 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

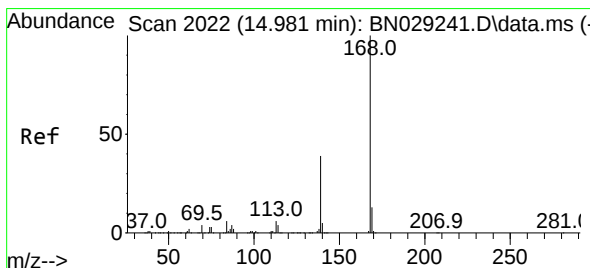
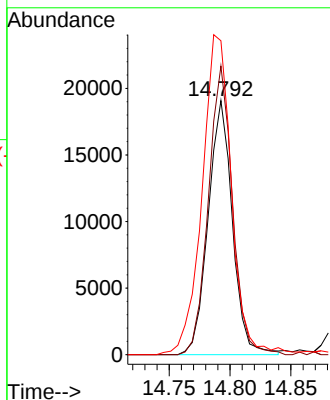
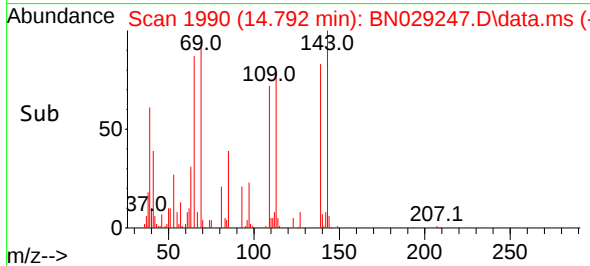
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:109 Resp: 2643
Ion Ratio Lower Upper
109 100
139 113.6 91.7 137.5
65 123.6 100.4 150.6

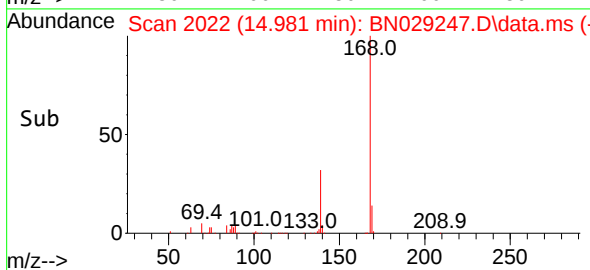
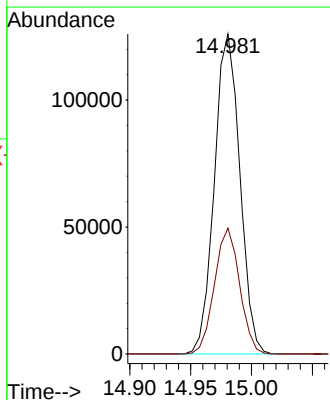
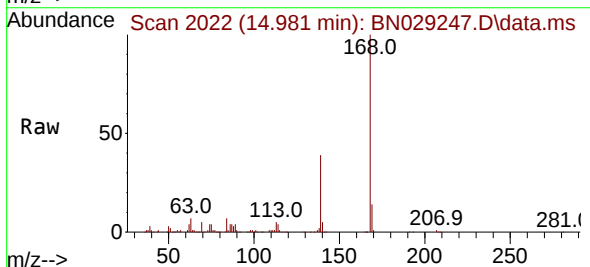
Manual Integrations
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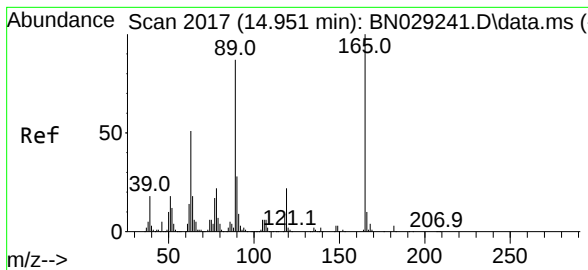
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#56
Dibenzofuran
Concen: 4.308 ng/ul
RT: 14.981 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

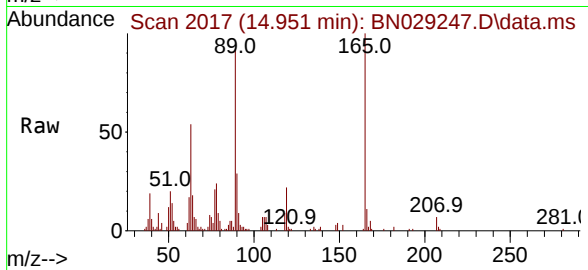
Tgt Ion:168 Resp: 183607
Ion Ratio Lower Upper
168 100
139 39.3 32.7 49.1





#57
2,4-Dinitrotoluene
Concen: 3.872 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

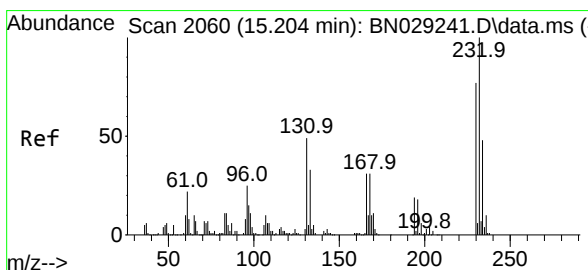
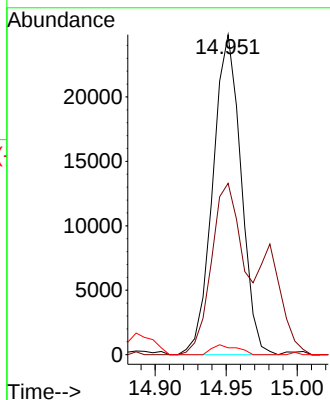
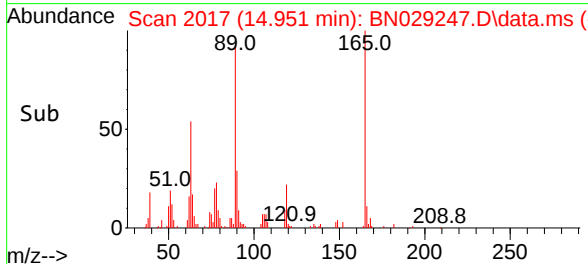
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:165 Resp: 3430
Ion Ratio Lower Upper
165 100
63 53.6 42.0 63.0
182 2.2 2.2 3.4

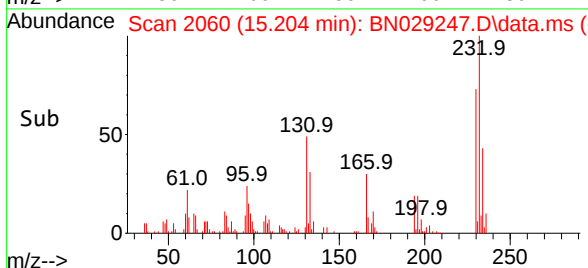
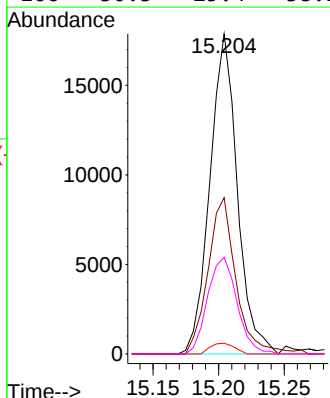
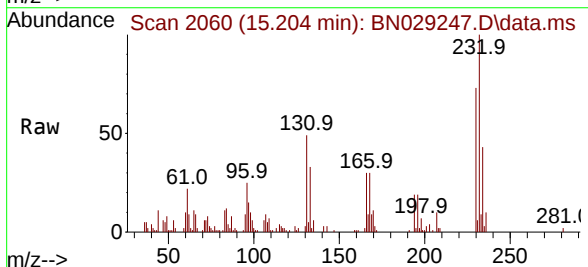
Manual Integrations
APPROVED

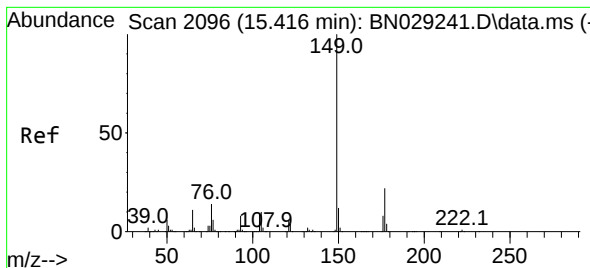
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.639 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

Tgt Ion:232 Resp: 25980
Ion Ratio Lower Upper
232 100
131 48.8 39.7 59.5
130 3.4 2.2 3.4
166 30.3 25.4 38.2





#59

Diethylphthalate

Concen: 4.126 ng/ul

RT: 15.416 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2023-05

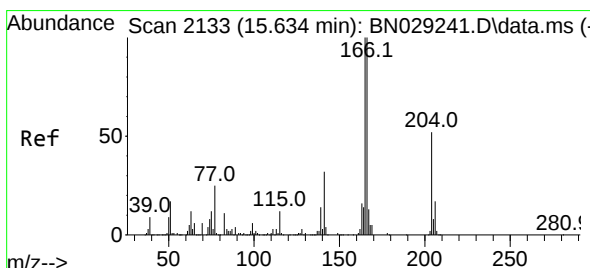
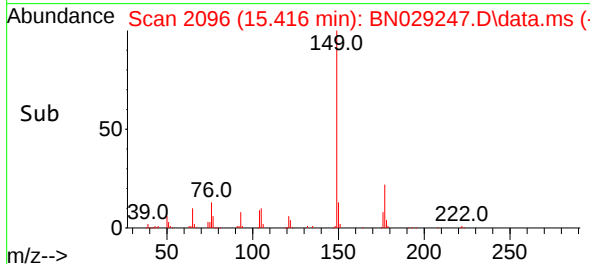
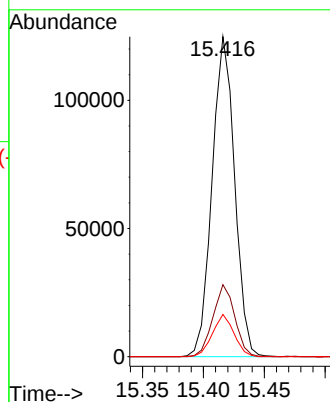
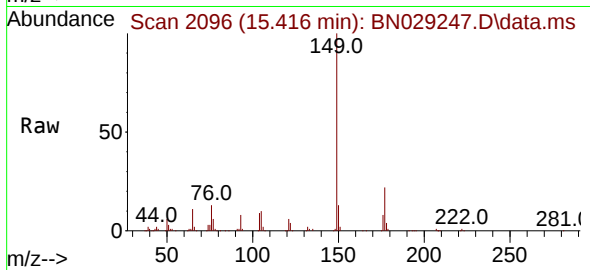
Tgt Ion:149 Resp: 161038

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	13.2	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: 4.287 ng/ul

RT: 15.634 min Scan# 2133

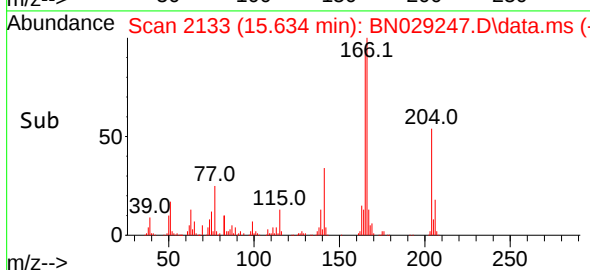
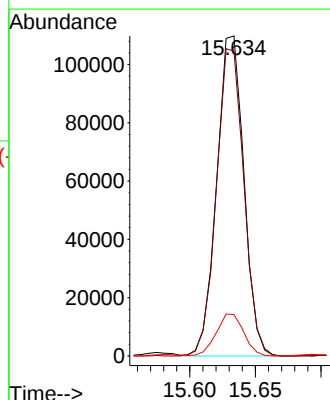
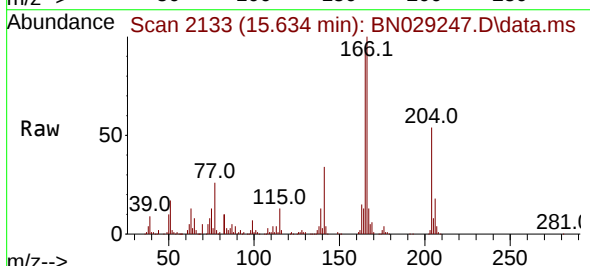
Delta R.T. 0.000 min

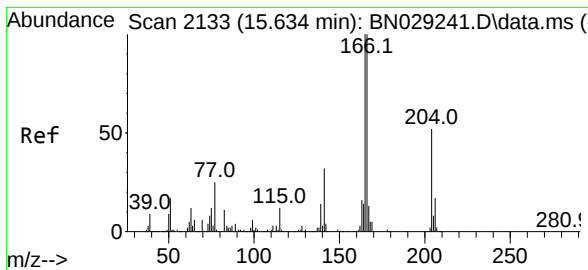
Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Tgt Ion:166 Resp: 158245

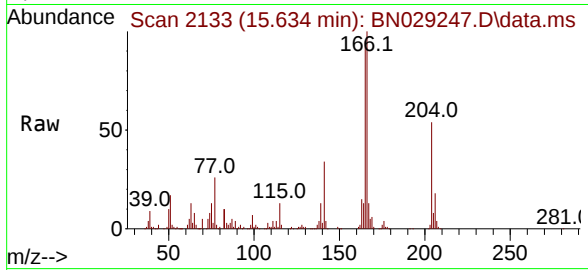
Ion	Ratio	Lower	Upper
166	100		
165	95.3	79.0	118.6
167	12.9	10.7	16.1





#62
4-Chlorophenyl-phenylether
Concen: 4.273 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

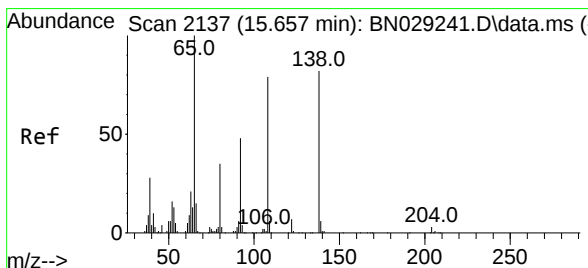
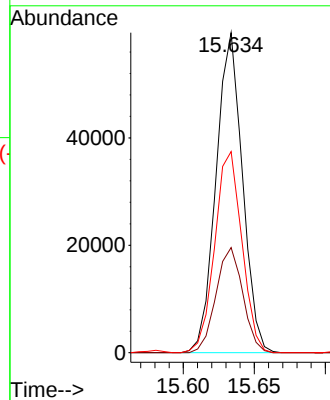
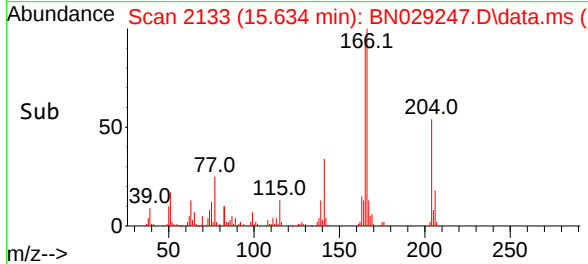
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:204 Resp: 77065
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 62.9 48.6 72.8

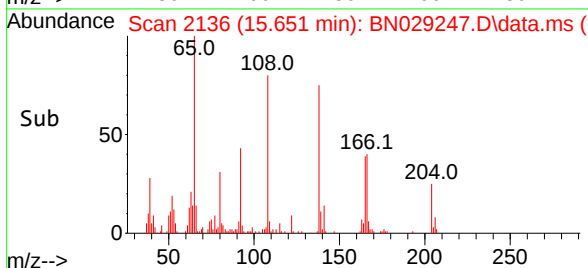
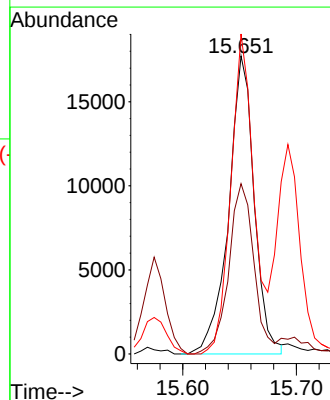
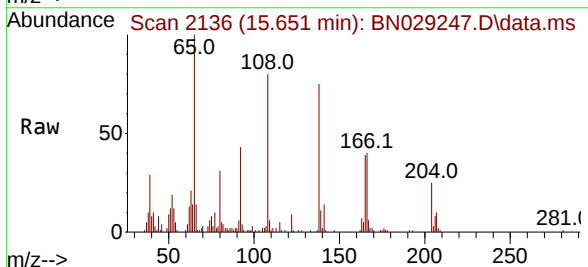
Manual Integrations
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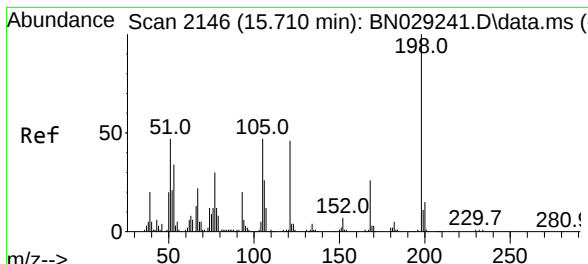
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#63
4-Nitroaniline
Concen: 4.281 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

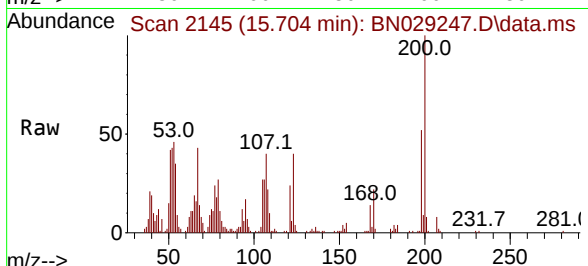
Tgt Ion:138 Resp: 27701
Ion Ratio Lower Upper
138 100
92 57.1 44.5 66.7
108 107.4 79.8 119.8





#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.692 ng/ul
 RT: 15.704 min Scan# 2145
 Delta R.T. -0.006 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55

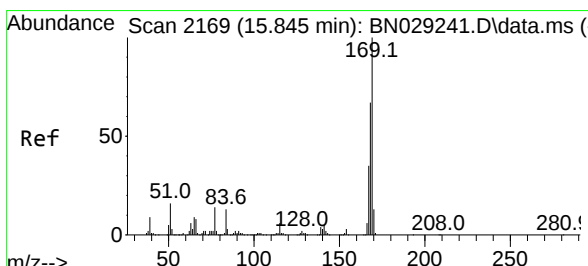
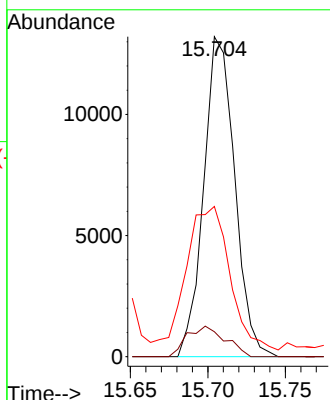
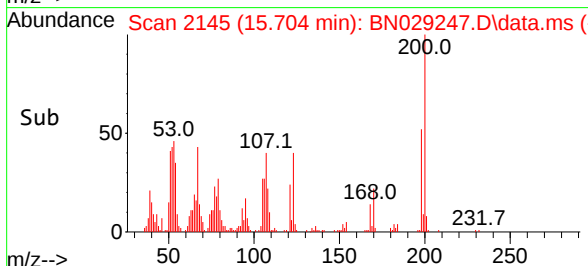
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion:	198	Resp:	1839
Ion Ratio	Lower	Upper	
198	100		
182	7.8	4.0	6.0
77	47.0	24.7	37.1

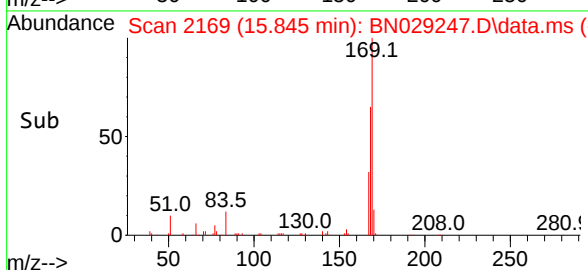
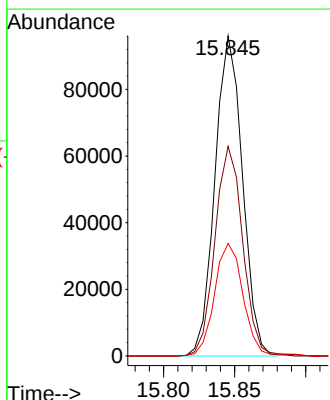
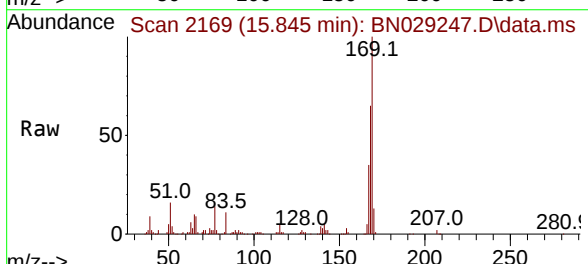
Manual Integrations
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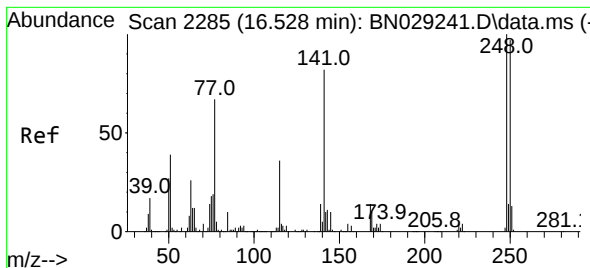
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#67
 N-Nitrosodiphenylamine
 Concen: 4.146 ng/ul
 RT: 15.845 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55

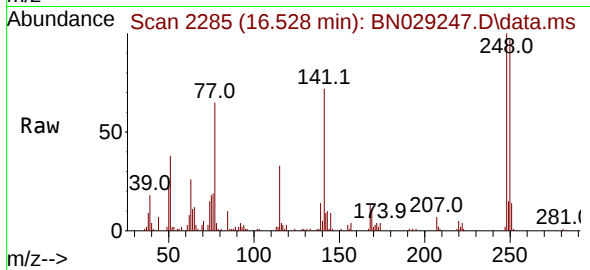
Tgt Ion:	169	Resp:	129346
Ion Ratio	Lower	Upper	
169	100		
168	65.5	55.1	82.7
167	35.2	29.4	44.0





#68
4-Bromophenyl-phenylether
Concen: 3.490 ng/ul
RT: 16.528 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

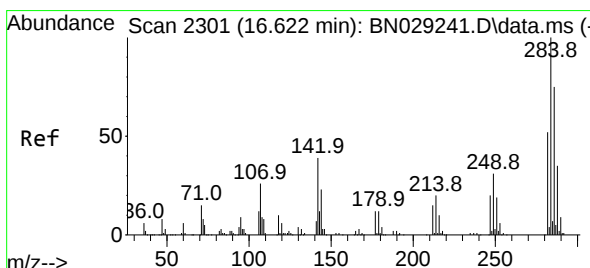
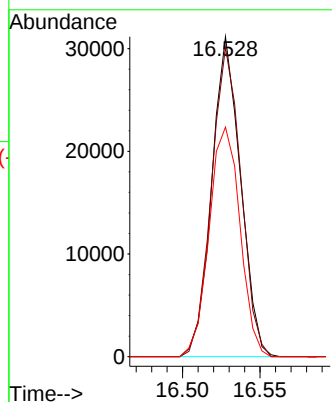
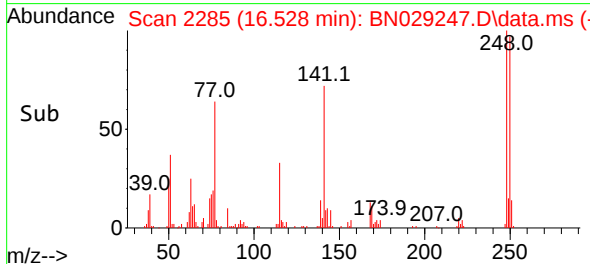
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



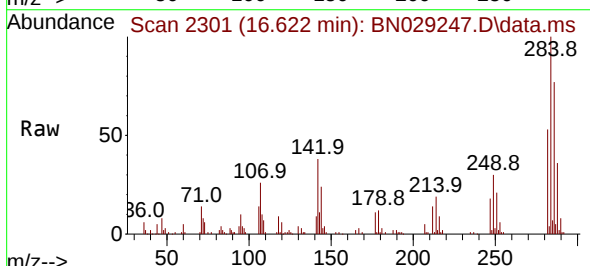
Tgt Ion:248 Resp: 40132
Ion Ratio Lower Upper
248 100
250 96.6 80.2 120.2
141 71.8 62.7 94.1

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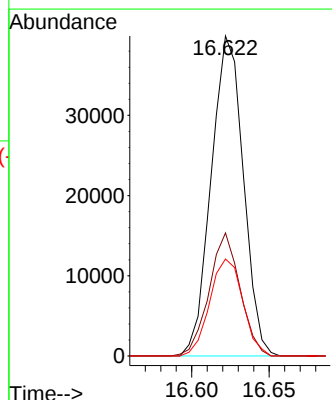
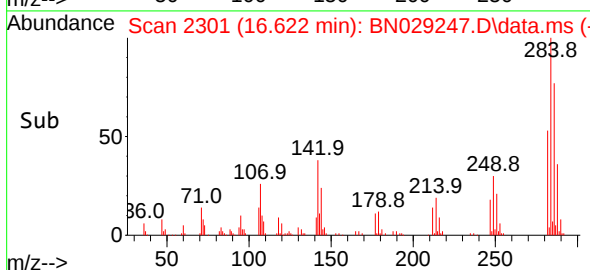
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

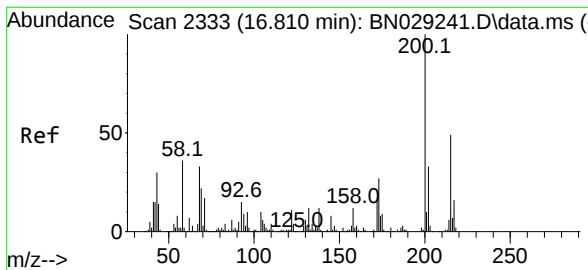


#69
Hexachlorobenzene
Concen: 4.156 ng/ul
RT: 16.622 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



Tgt Ion:284 Resp: 57527
Ion Ratio Lower Upper
284 100
142 38.4 24.9 37.3#
249 30.3 23.1 34.7





#70

Atrazine

Concen: 4.528 ng/ul

RT: 16.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

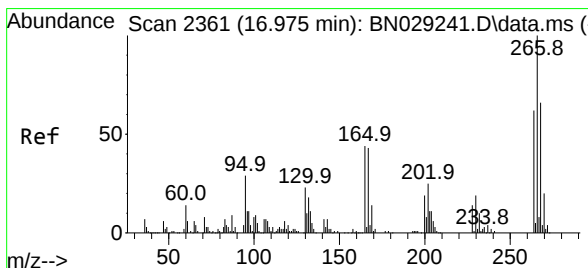
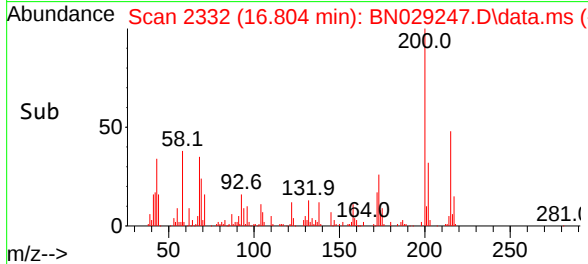
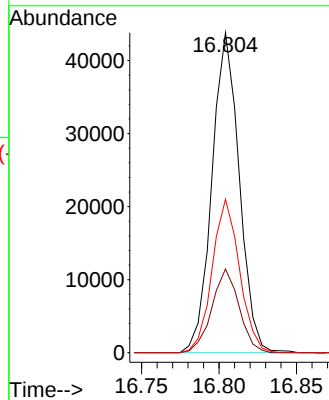
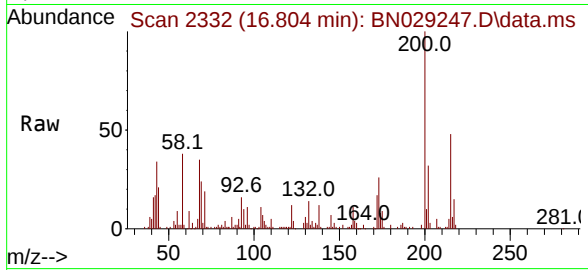
MDL-SOIL-QT3-2023-05

Tgt Ion:200 Resp: 5363
 Ion Ratio Lower Upper
 200 100
 173 26.2 20.1 30.1
 215 47.9 36.9 55.3

Manual Integrations

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



#71

Pentachlorophenol

Concen: 3.962 ng/ul

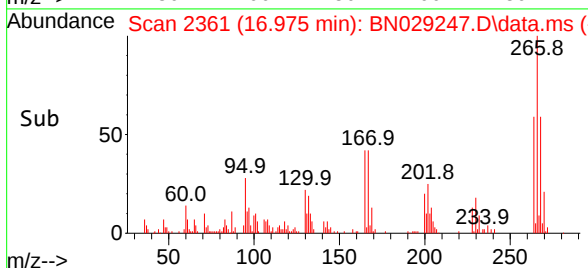
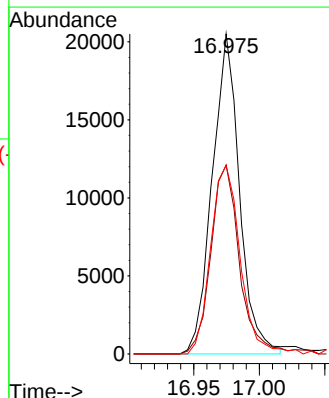
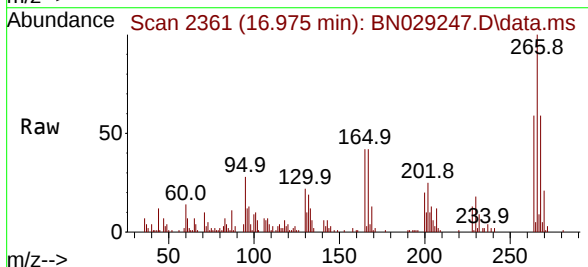
RT: 16.975 min Scan# 2361

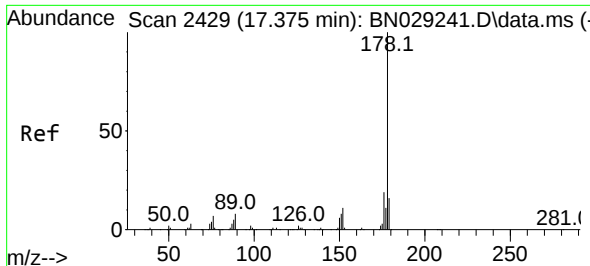
Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

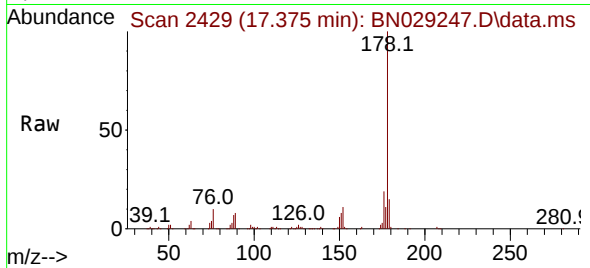
Tgt Ion:266 Resp: 29631
 Ion Ratio Lower Upper
 266 100
 264 59.0 53.4 80.0
 268 59.0 49.4 74.0





#72
Phenanthrene
Concen: 4.204 ng/u1
RT: 17.375 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

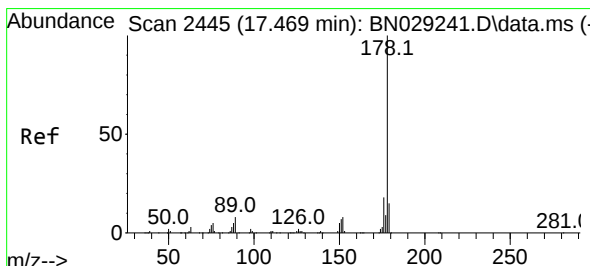
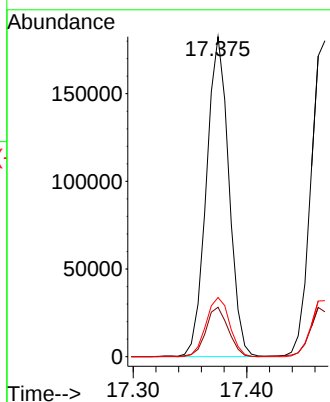
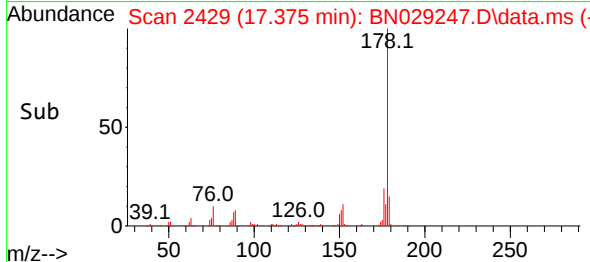
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



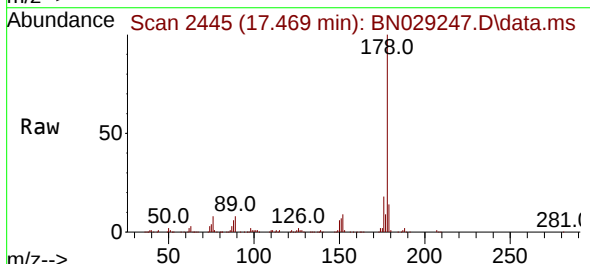
Tgt Ion:178 Resp: 250921
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.5 15.7 23.5

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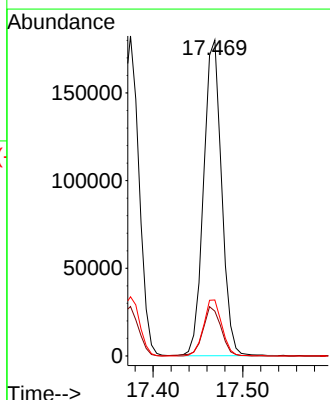
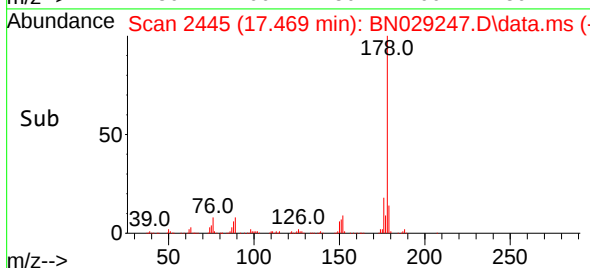
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

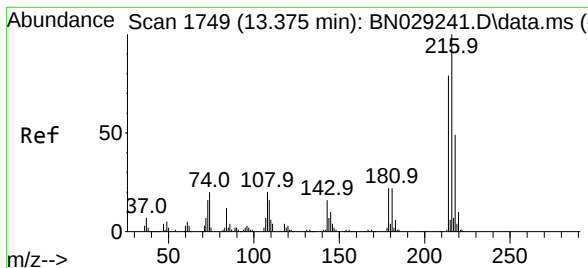


#74
Anthracene
Concen: 4.046 ng/u1
RT: 17.469 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



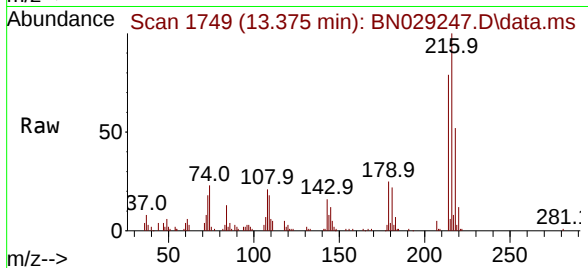
Tgt Ion:178 Resp: 250807
Ion Ratio Lower Upper
178 100
179 14.2 11.6 17.4
176 17.7 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.092 ng/uL
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55

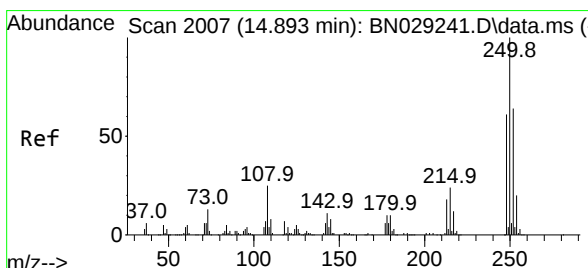
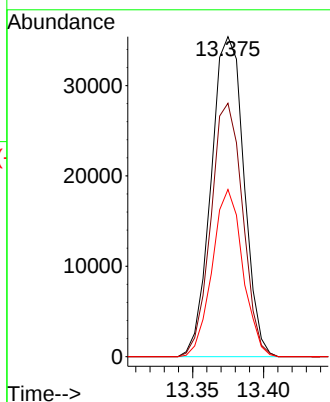
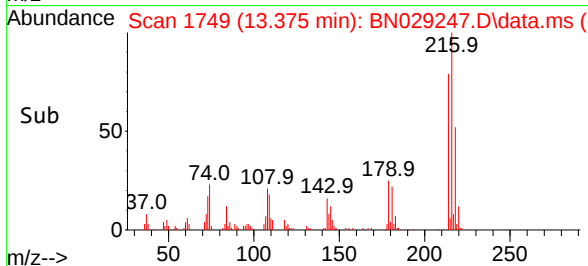
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05



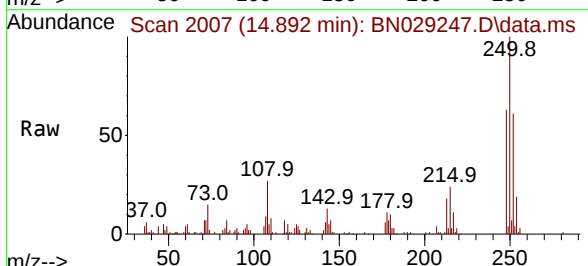
Tgt Ion:216 Resp: 56920
Ion Ratio Lower Upper
216 100
214 79.2 58.3 87.5
218 52.2 35.2 52.8

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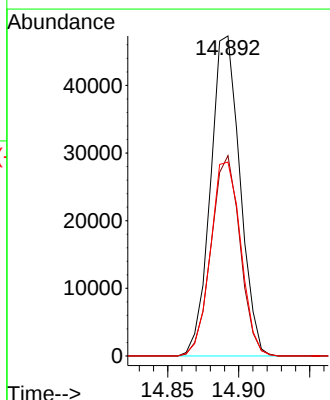
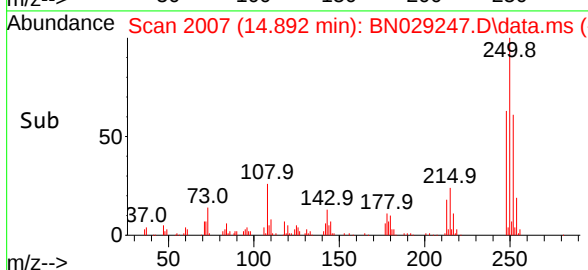
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

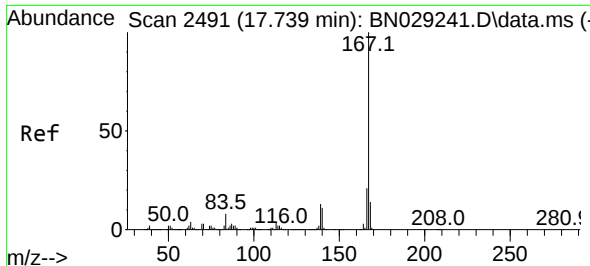


#76
Pentachlorobenzene
Concen: 4.744 ng/uL
RT: 14.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN029247.D
Acq: 16 Jan 2024 13:55



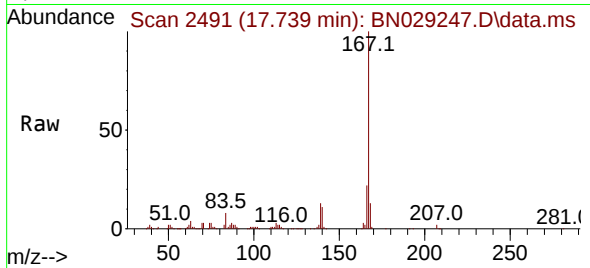
Tgt Ion:250 Resp: 68314
Ion Ratio Lower Upper
250 100
248 62.6 50.5 75.7
252 60.6 54.3 81.5





#77
 Carbazole
 Concen: 3.874 ng/ul
 RT: 17.739 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55

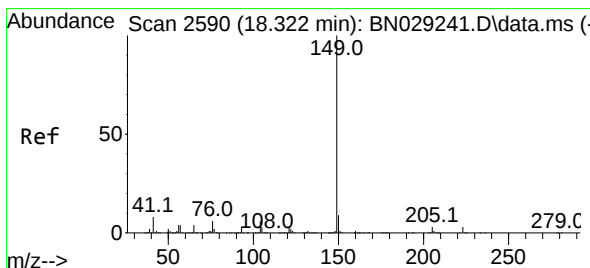
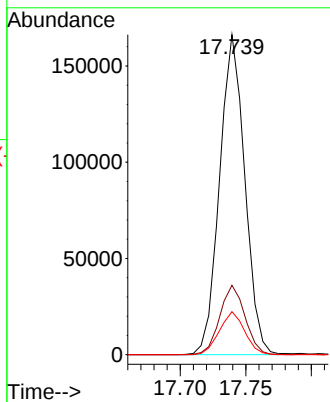
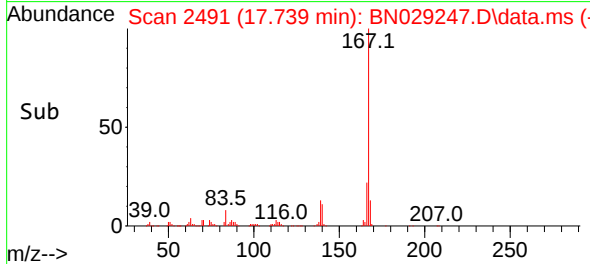
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2023-05



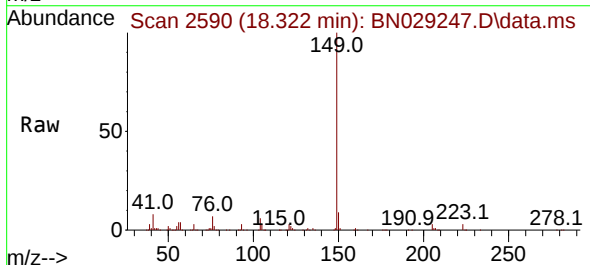
Tgt Ion:167 Resp: 222073
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 13.5 10.8 16.2

Manual Integrations
 APPROVED

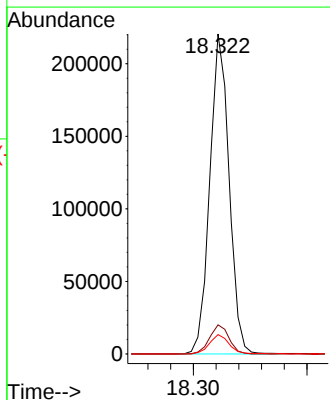
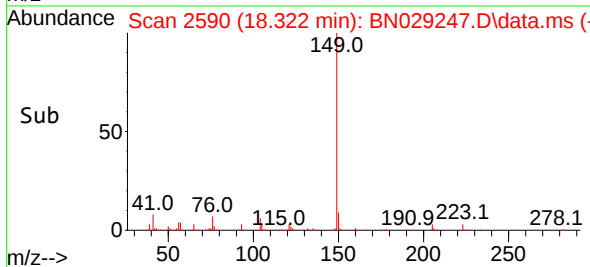
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

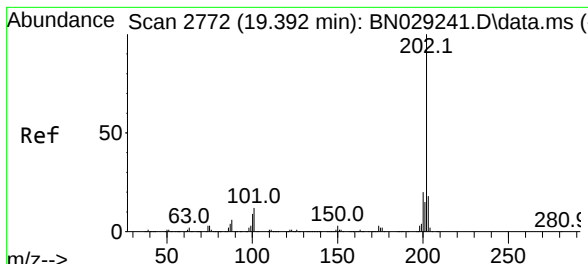


#78
 Di-n-butylphthalate
 Concen: 3.714 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55



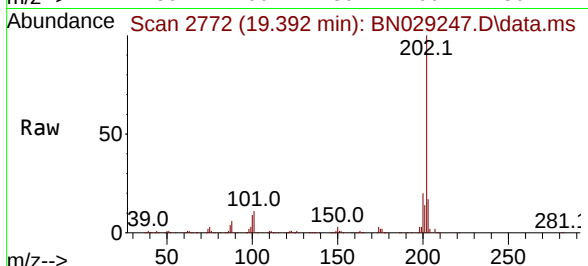
Tgt Ion:149 Resp: 259614
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 6.1 4.8 7.2





#80
 Fluoranthene
 Concen: 4.338 ng/u1
 RT: 19.392 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55

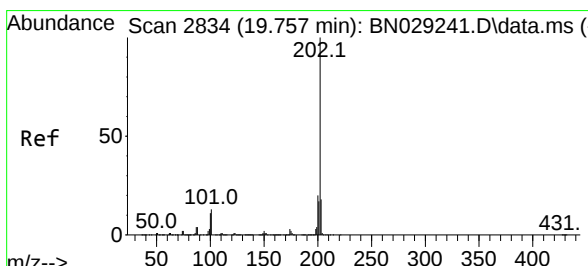
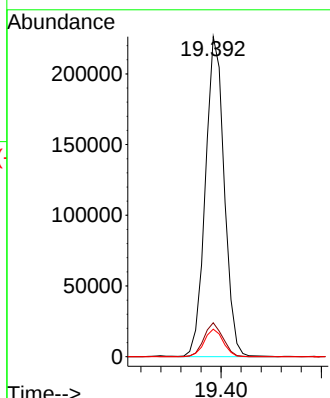
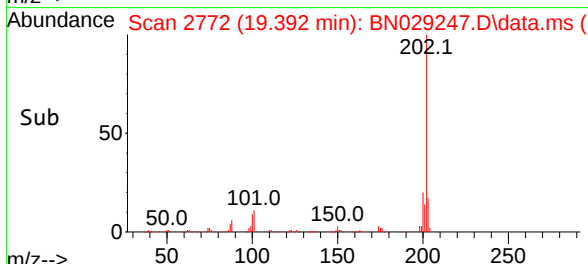
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion:	202	Resp:	29500
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.3	13.9
100	8.6	7.0	10.6

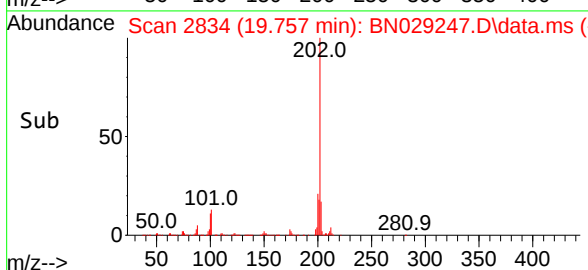
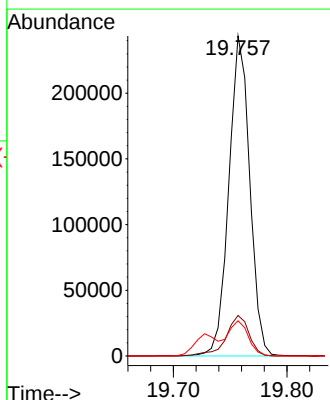
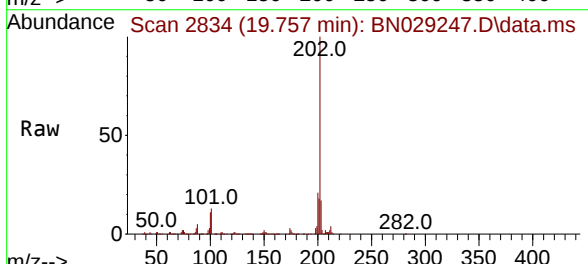
Manual Integrations
 APPROVED

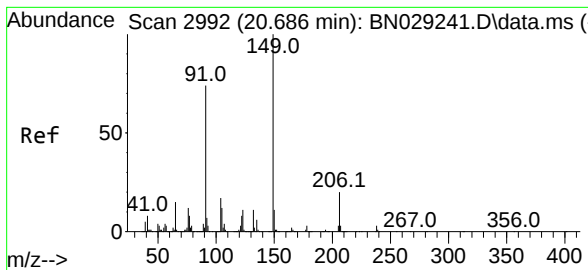
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#82
 Pyrene
 Concen: 4.311 ng/u1
 RT: 19.757 min Scan# 2834
 Delta R.T. 0.000 min
 Lab File: BN029247.D
 Acq: 16 Jan 2024 13:55

Tgt Ion:	202	Resp:	311364
Ion Ratio	Lower	Upper	
202	100		
101	12.7	10.3	15.5
100	11.0	8.9	13.3





#83

Butylbenzylphthalate

Concen: 3.573 ng/ul

RT: 20.686 min Scan# 2992

Delta R.T. 0.006 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

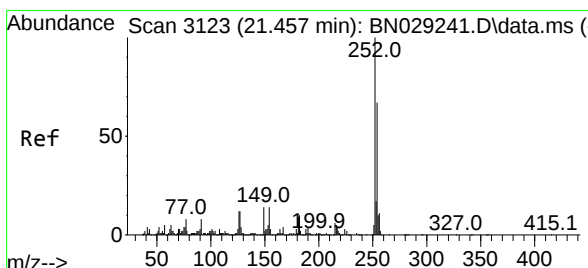
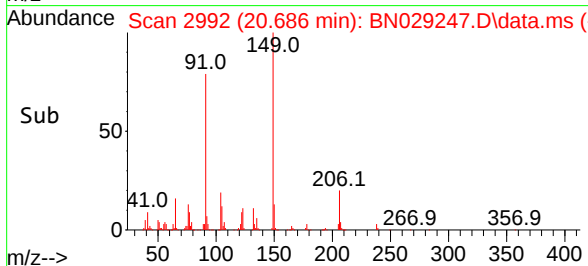
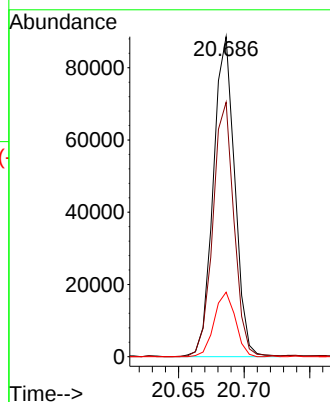
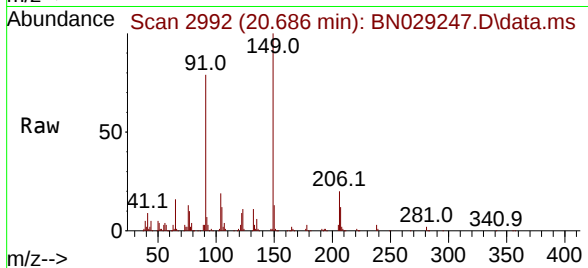
MDL-SOIL-QT3-2023-05

Tgt Ion:	149	Resp:	10090
Ion Ratio	Lower	Upper	
149	100		
91	79.5	65.4	98.2
206	20.1	14.9	22.3

Manual Integrations

APPROVED

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



#84

3,3'-Dichlorobenzidine

Concen: 3.843 ng/ul

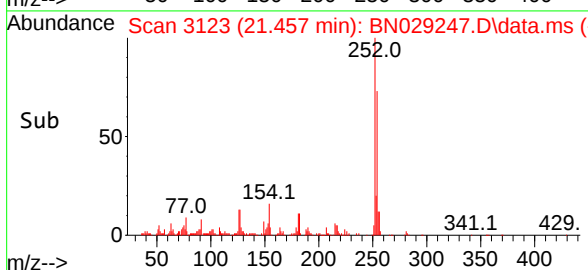
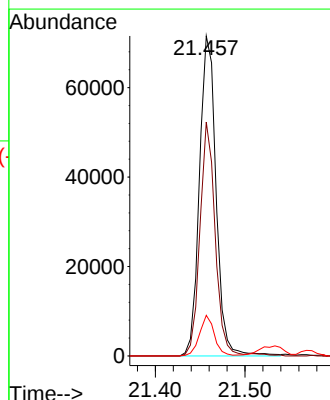
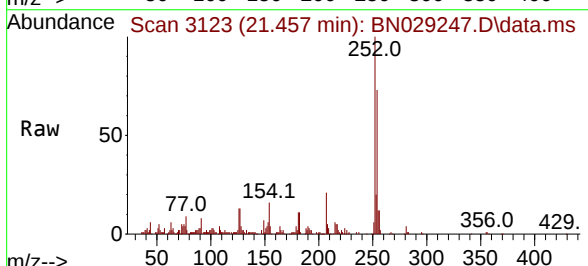
RT: 21.457 min Scan# 3123

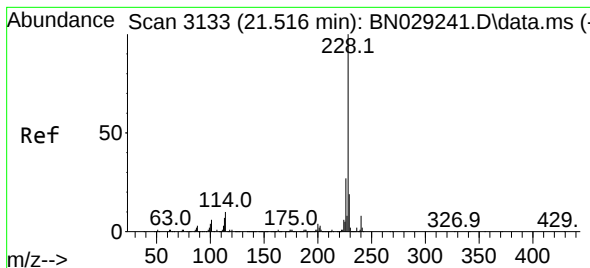
Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Tgt Ion:	252	Resp:	92350
Ion Ratio	Lower	Upper	
252	100		
254	73.1	50.7	76.1
126	12.7	8.6	12.8





#85

Benzo(a)anthracene

Concen: 4.326 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BN029247.D

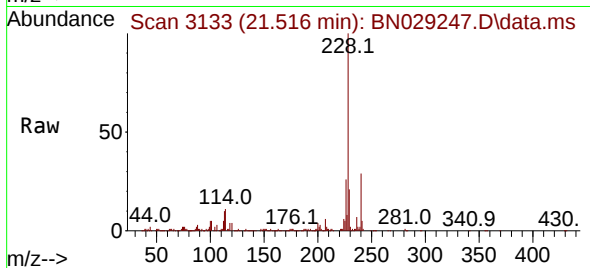
Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2023-05



Tgt Ion:228 Resp: 330164

Ion Ratio Lower Upper

228 100

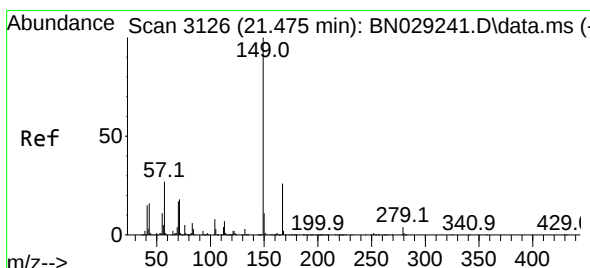
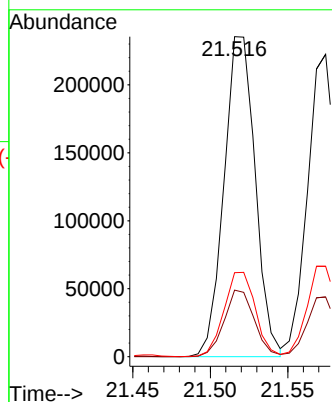
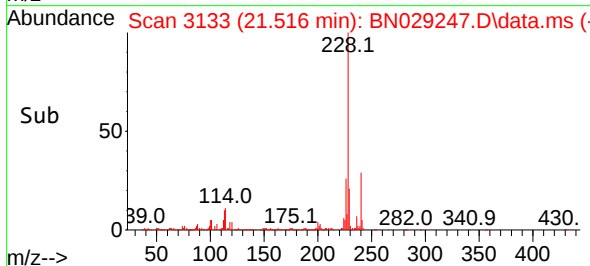
229 20.8 16.3 24.5

226 26.2 22.4 33.6

Manual Integrations

APPROVED

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



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.591 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

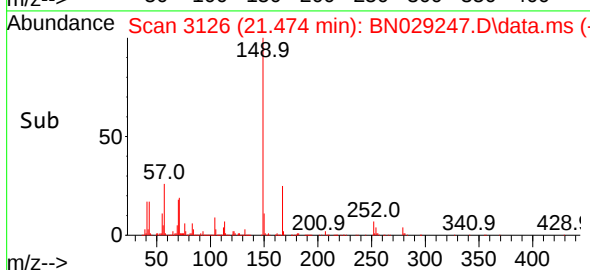
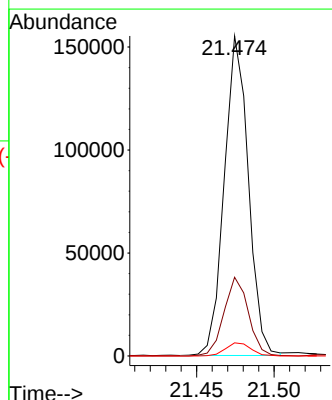
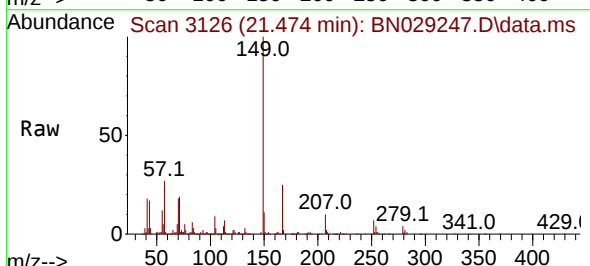
Tgt Ion:149 Resp: 167440

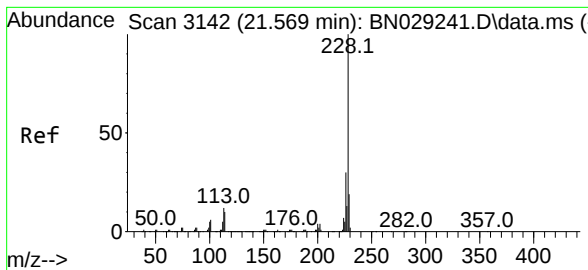
Ion Ratio Lower Upper

149 100

167 24.6 20.6 31.0

279 4.1 3.6 5.4





#87

Chrysene

Concen: 4.206 ng/u1

RT: 21.574 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

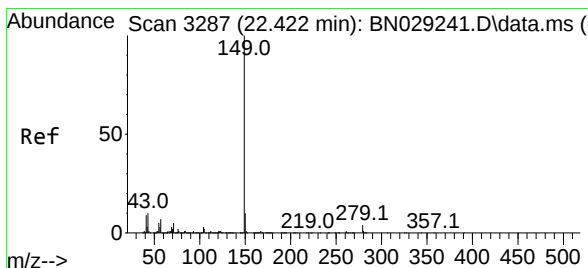
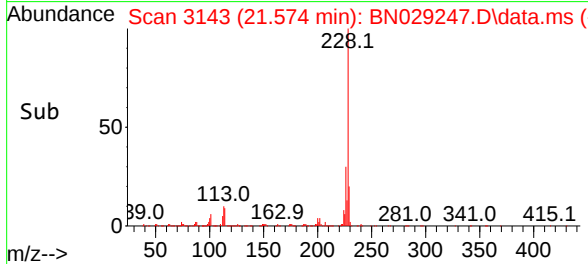
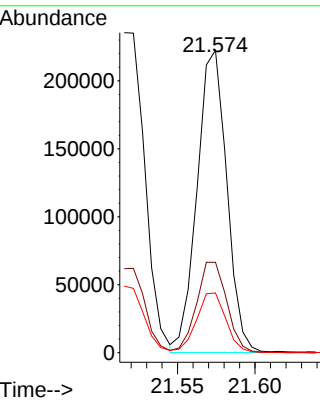
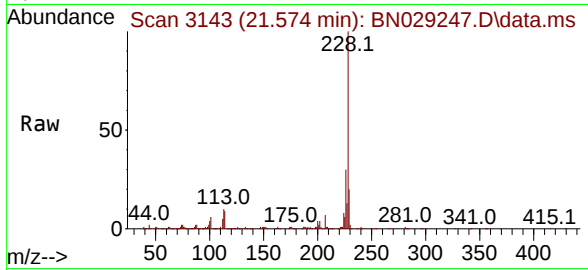
MDL-SOIL-QT3-2023-05

Tgt Ion:	228	Resp:	296849
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.3	36.5
229	19.7	15.9	23.9

Manual Integrations

APPROVED

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



#89

Di-n-octyl phthalate

Concen: 2.935 ng/u1

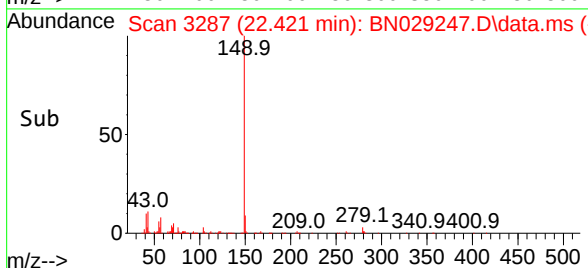
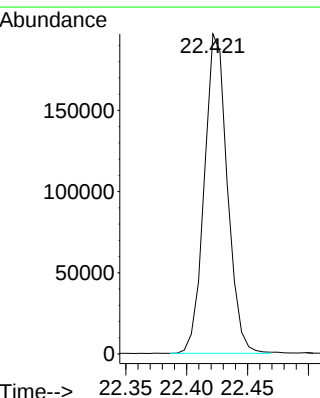
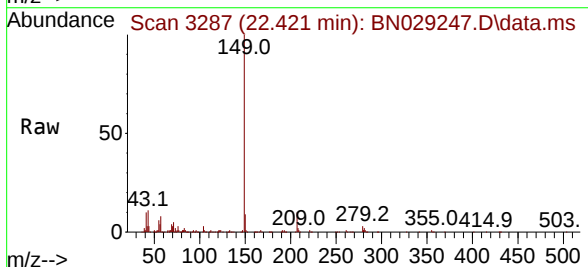
RT: 22.421 min Scan# 3287

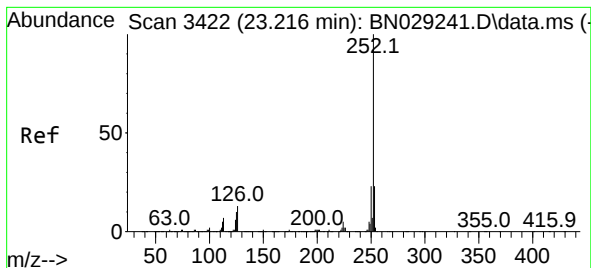
Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Tgt Ion:149 Resp: 258567





#90

Benzo(b)fluoranthene

Concen: 4.005 ng/ul

RT: 23.210 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

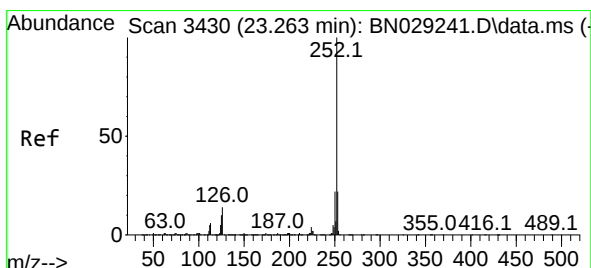
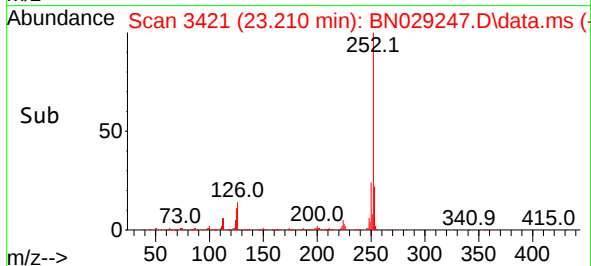
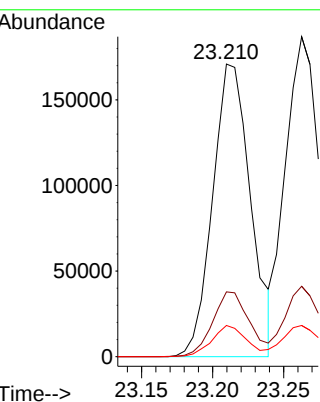
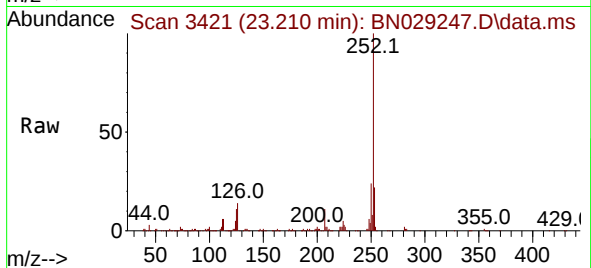
MDL-SOIL-QT3-2023-05

Tgt Ion:252 Resp: 317378
 Ion Ratio Lower Upper
 252 100
 253 22.1 16.9 25.3
 125 10.7 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: 4.134 ng/ul

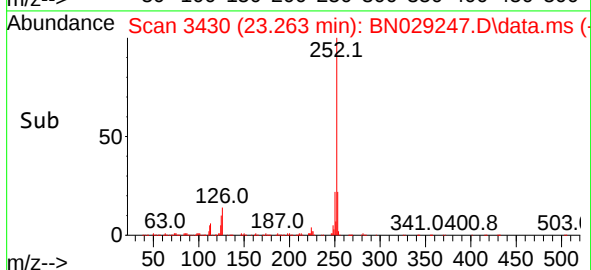
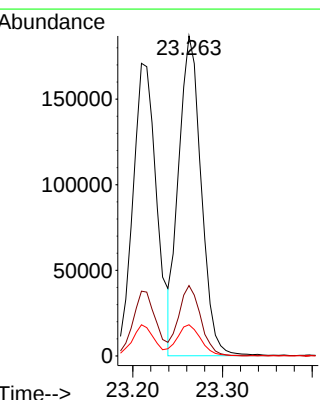
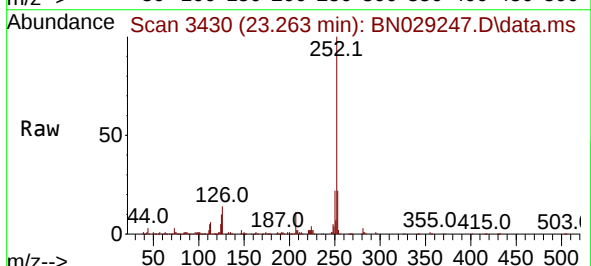
RT: 23.263 min Scan# 3430

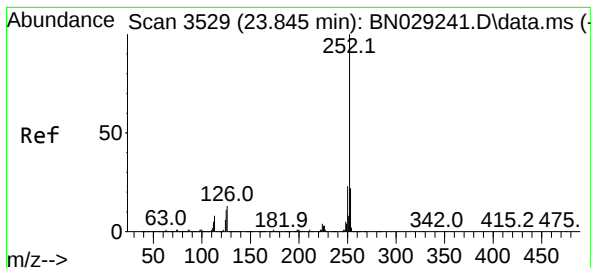
Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Tgt Ion:252 Resp: 326394
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.2 27.2
 125 9.7 8.0 12.0





#93

Benzo(a)pyrene

Concen: 4.102 ng/ul

RT: 23.845 min Scan# 3529

Delta R.T. 0.006 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Instrument :

BN029247.D

ClientSampleId :

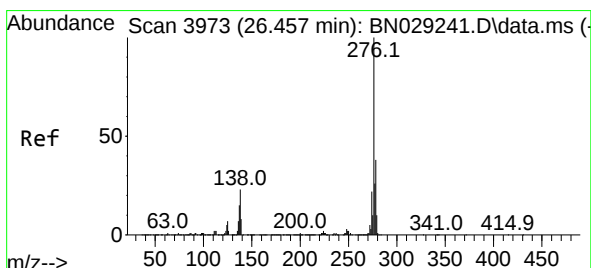
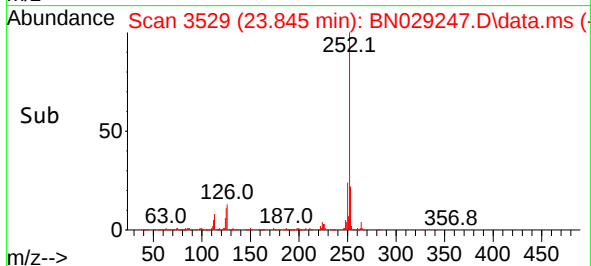
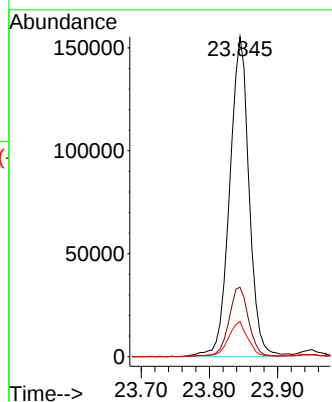
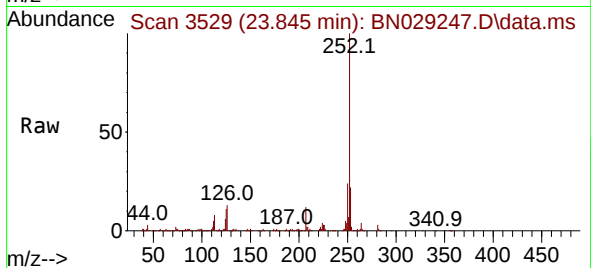
MDL-SOIL-QT3-2023-05

Tgt Ion:	252	Resp:	308218
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	11.0	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: 3.804 ng/ul

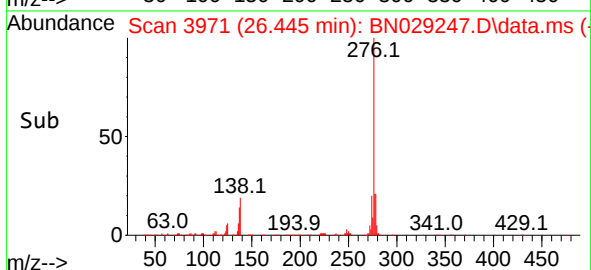
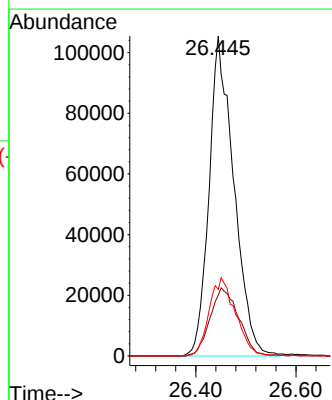
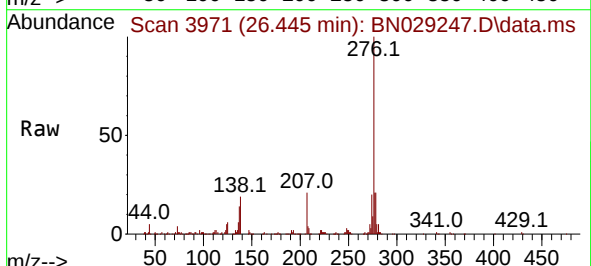
RT: 26.445 min Scan# 3971

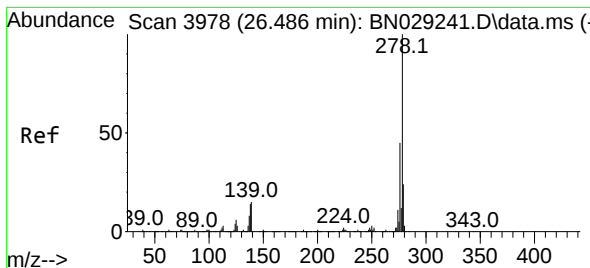
Delta R.T. -0.006 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Tgt Ion:	276	Resp:	361764
Ion Ratio	Lower	Upper	
276	100		
138	19.0	17.2	25.8
277	20.8	18.6	28.0





#95

Dibenzo(a,h)anthracene

Concen: 3.791 ng/ul

RT: 26.480 min Scan# 3978

Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Instrument :

BNA_N

ClientSampleId :

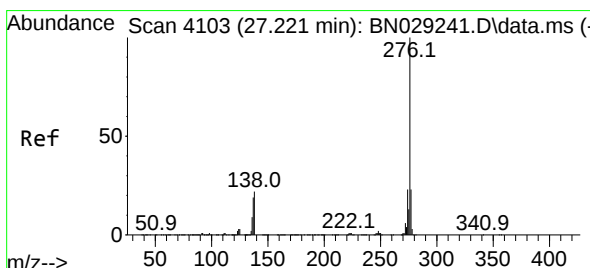
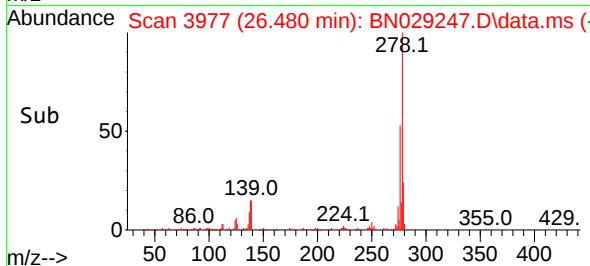
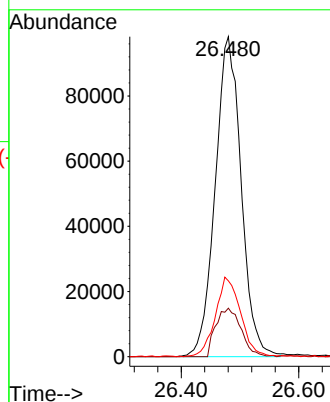
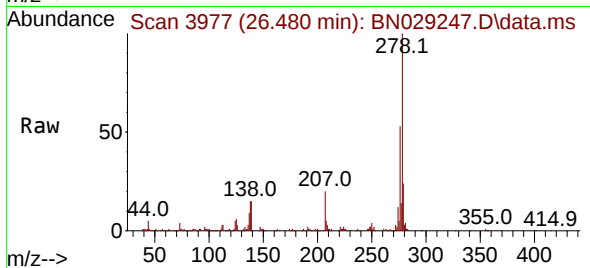
MDL-SOIL-QT3-2023-05

Tgt Ion:	278	Resp:	30058
Ion Ratio	Lower	Upper	
278	100		
139	15.2	12.0	18.0
279	23.7	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: 3.760 ng/ul

RT: 27.215 min Scan# 4102

Delta R.T. 0.000 min

Lab File: BN029247.D

Acq: 16 Jan 2024 13:55

Tgt Ion:	276	Resp:	285480
Ion Ratio	Lower	Upper	
276	100		
138	20.7	15.8	23.6
277	25.3	17.0	25.6

