

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
 Data File : BN029272.D
 Acq On : 17 Jan 2024 15:12
 Operator : MA/JU
 Sample : 04696-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

Quant Time: Jan 18 01:04:39 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 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	150769	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	697155	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	470608	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	1067714	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1074866	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	1217378	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	18955	5.192	ng/uL	0.00
4) Pyridine-d5	3.781	84	259850	23.077	ng/u1	0.00
7) Phenol-d5	7.099	99	297953	20.597	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	197216	21.615	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	227357	22.218	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	241026	20.665	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	118537	23.437	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	98719	23.536	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	217738	20.855	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	363299	19.226	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	831341	21.461	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	931340	21.348	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	128558	19.068	ng/u1	0.00
60) Fluorene-d10	15.575	176	715652	21.677	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	75246	16.758	ng/u1	0.00
73) Anthracene-d10	17.427	188	1071504	19.963	ng/u1	0.00
81) Pyrene-d10	19.727	212	1305701	21.861	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1366862	21.785	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	4152m	1.121	ng/uL	
5) Pyridine	3.805	79	48599	4.225	ng/u1#	73
6) Benzaldehyde	7.087	77	40435m	6.228	ng/u1	
8) Phenol	7.128	94	58843	4.002	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	50921	4.267	ng/u1	99
12) 2-Chlorophenol	7.499	128	46807	4.394	ng/u1	95
13) 2-Methylphenol	8.381	108	43650	3.898	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	67656	4.434	ng/u1	99
16) Acetophenone	8.769	105	81925	4.146	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.757	70	43673	4.199	ng/u1	97
18) 4-Methylphenol	8.710	108	50272	4.171	ng/u1	97
19) Hexachloroethane	9.016	117	20739	4.289	ng/u1	98
22) Nitrobenzene	9.151	77	63317	4.528	ng/u1	98
23) Isophorone	9.675	82	119525	4.022	ng/u1	98
25) 2-Nitrophenol	9.857	139	21688	4.416	ng/u1	97
26) 2,4-Dimethylphenol	9.916	107	52276	3.981	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.169	93	71409	4.268	ng/u1	99
29) 2,4-Dichlorophenol	10.387	162	43910	4.276	ng/u1	97
30) Naphthalene	10.793	128	171811	4.322	ng/u1	99
32) 4-Chloroaniline	10.910	127	73125	3.978	ng/u1	97
33) Hexachlorobutadiene	11.069	225	30155	4.161	ng/u1#	86
34) Caprolactam	11.698	113	16789m	4.034	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	48281	3.963	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	117301	4.220	ng/u1	96

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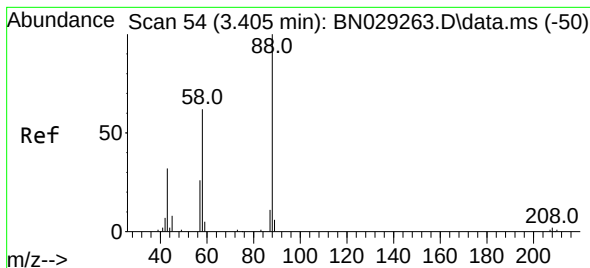
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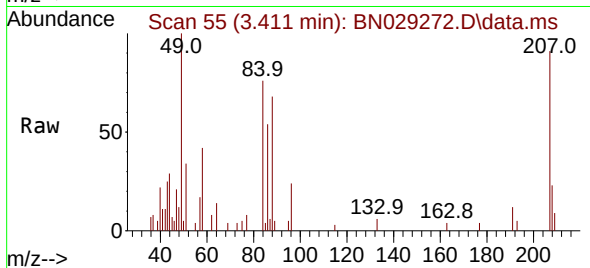
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	120534	4.370	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	61576	4.198	ng/ul#	97
40) Hexachlorocyclopentadiene	12.740	237	39480	4.020	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.010	196	28864	3.552	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	35341	3.873	ng/ul	95
43) 1,1'-Biphenyl	13.416	154	159072	4.194	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	126904	4.284	ng/ul	97
45) 2-Nitroaniline	13.663	65	30573	3.893	ng/ul	100
47) Dimethylphthalate	14.045	163	165177	4.187	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	24093	3.778	ng/ul	97
50) Acenaphthylene	14.304	152	209036	4.130	ng/ul	98
51) 3-Nitroaniline	14.492	138	26900	3.883	ng/ul	95
52) Acenaphthene	14.645	153	138526	4.169	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	13054	4.789	ng/ul	94
55) 4-Nitrophenol	14.792	109	28901	4.679	ng/ul	97
56) Dibenzofuran	14.981	168	194222	4.322	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	37138	3.976	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.198	232	26655	3.541	ng/ul	96
59) Diethylphthalate	15.416	149	167131	4.061	ng/ul	98
61) Fluorene	15.628	166	159437	4.097	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	81037	4.262	ng/ul	98
63) 4-Nitroaniline	15.651	138	29475m	4.321	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	20805	4.024	ng/ul#	77
67) N-Nitrosodiphenylamine	15.845	169	134333	4.149	ng/ul	96
68) 4-Bromophenyl-phenylether	16.528	248	34619	2.901	ng/ul	91
69) Hexachlorobenzene	16.622	284	57808	4.024	ng/ul	91
70) Atrazine	16.804	200	53558	4.357	ng/ul	93
71) Pentachlorophenol	16.969	266	28838	3.716	ng/ul	95
72) Phenanthrene	17.369	178	260062	4.198	ng/ul	99
74) Anthracene	17.463	178	255425	3.971	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	59793	4.142	ng/uL	93
76) Pentachlorobenzene	14.886	250	67350	4.507	ng/uL	97
77) Carbazole	17.739	167	224936	3.781	ng/ul	98
78) Di-n-butylphthalate	18.322	149	264666	3.648	ng/ul	99
80) Fluoranthene	19.392	202	297974	4.222	ng/ul	98
82) Pyrene	19.757	202	320028	4.269	ng/ul	98
83) Butylbenzylphthalate	20.680	149	102239	3.488	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	101251	4.060	ng/ul	97
85) Benzo(a)anthracene	21.510	228	334794	4.227	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.468	149	171128	3.536	ng/ul	98
87) Chrysene	21.568	228	305412	4.169	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	256582	2.990	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	316830	4.104	ng/ul	98
91) Benzo(k)fluoranthene	23.257	252	316270	4.111	ng/ul	96
93) Benzo(a)pyrene	23.833	252	308277	4.212	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.439	276	357021	3.854	ng/ul	98
95) Dibenzo(a,h)anthracene	26.462	278	302664	3.918	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	280643	3.794	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.121 ng/uL m
RT: 3.411 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN029272.D
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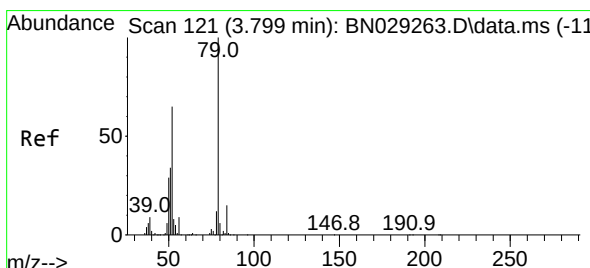
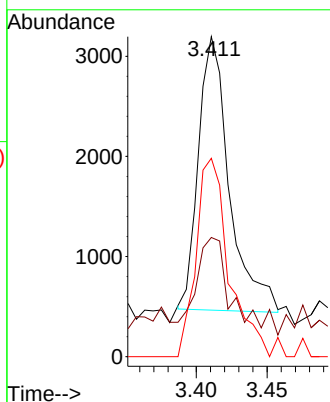
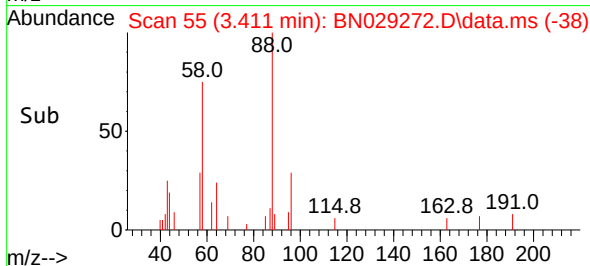
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 88 Resp: 4152
Ion Ratio Lower Upper
88 100
43 37.2 26.3 39.5
58 62.0 49.7 74.5

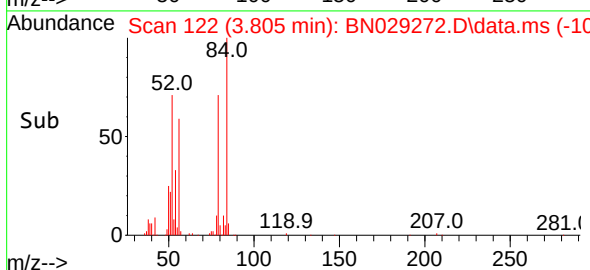
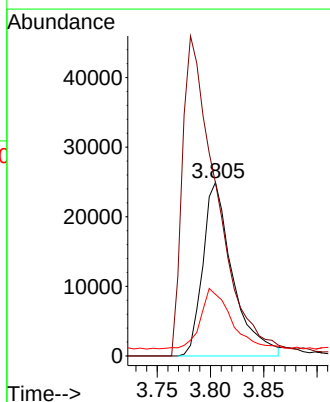
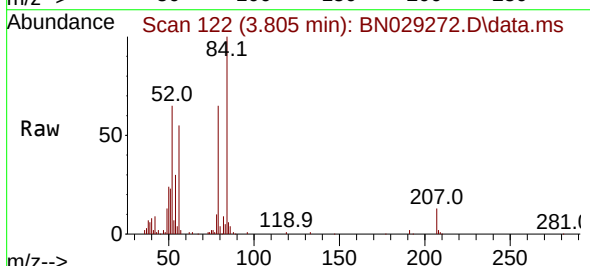
Manual Integrations
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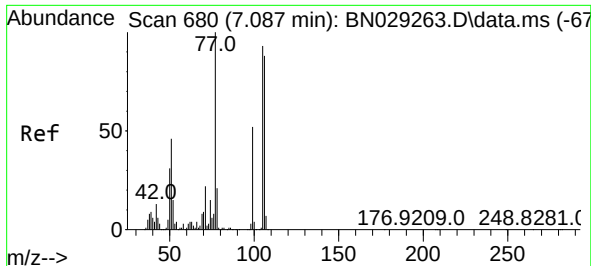
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#5
Pyridine
Concen: 4.225 ng/uL
RT: 3.805 min Scan# 122
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

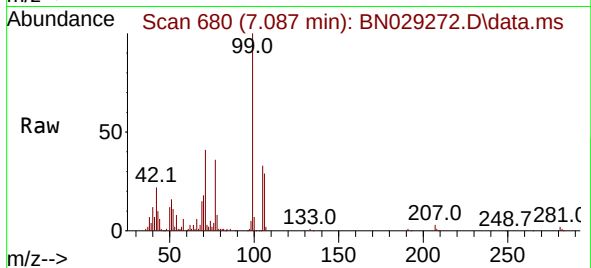
Tgt Ion: 79 Resp: 48599
Ion Ratio Lower Upper
79 100
52 99.7 53.8 80.8#
51 35.4 27.4 41.0





#6
Benzaldehyde
Concen: 6.228 ng/ul m
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

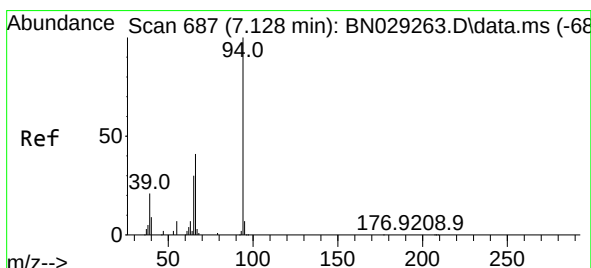
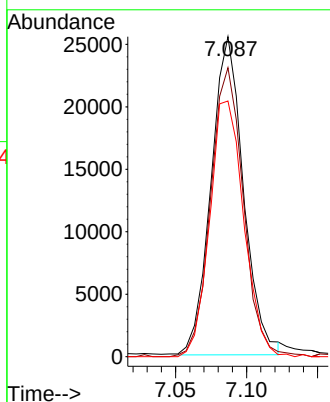
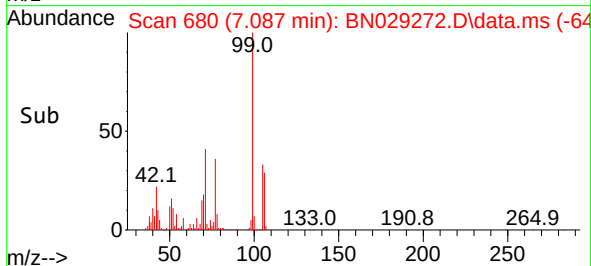
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 77 Resp: 40435
Ion Ratio Lower Upper
77 100
105 90.3 73.3 109.9
106 79.9 72.5 108.7

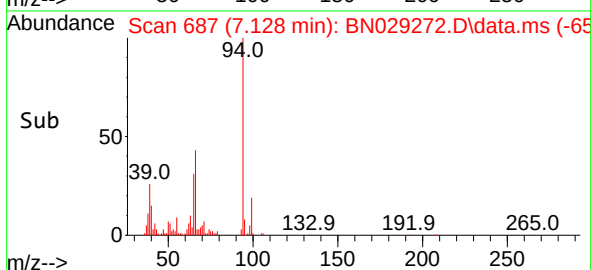
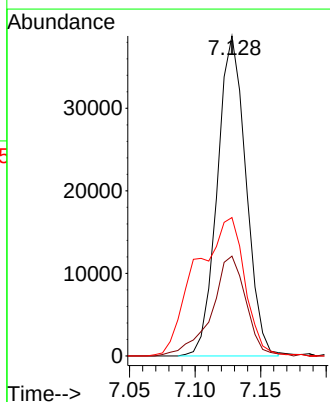
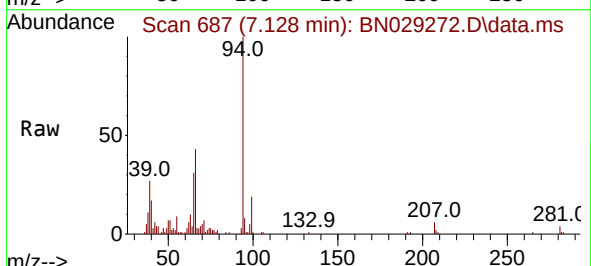
Manual Integrations
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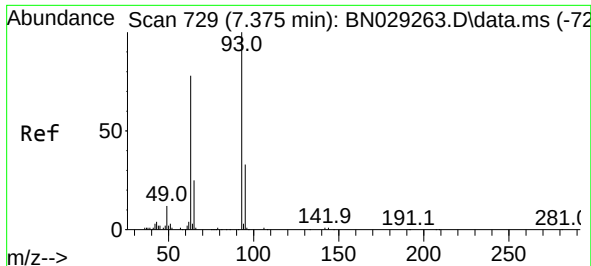
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#8
Phenol
Concen: 4.002 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

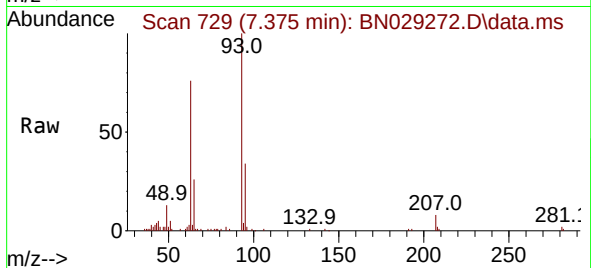
Tgt Ion: 94 Resp: 58843
Ion Ratio Lower Upper
94 100
65 31.2 25.6 38.4
66 43.3 33.8 50.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.267 ng/ul
RT: 7.375 min Scan# 701
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

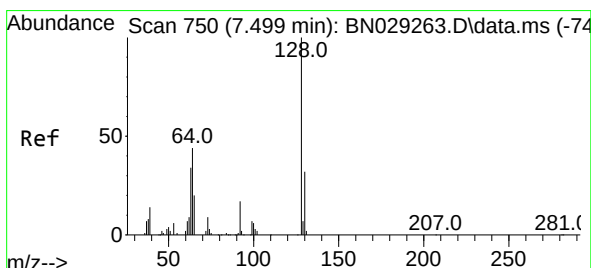
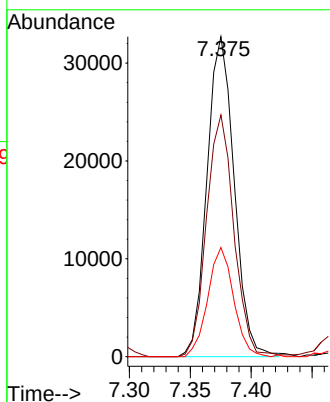
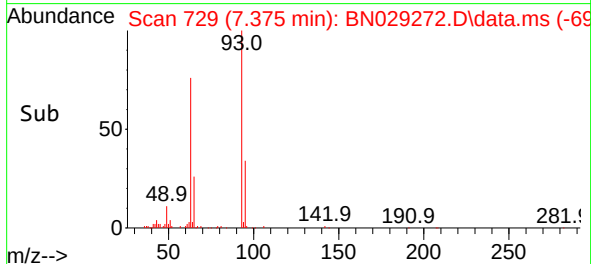
Instrument :
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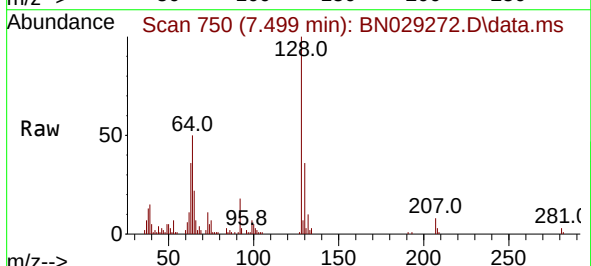
Tgt Ion: 93 Resp: 5092
Ion Ratio Lower Upper
93 100
63 75.6 60.6 91.0
95 34.1 26.1 39.1

Manual Integrations
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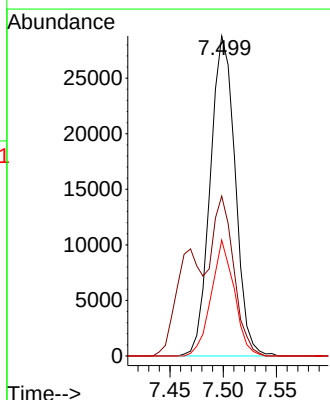
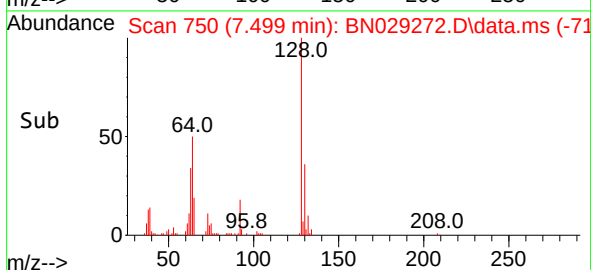
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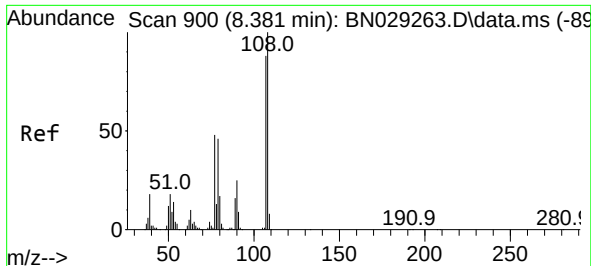


#12
2-Chlorophenol
Concen: 4.394 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12



Tgt Ion:128 Resp: 46807
Ion Ratio Lower Upper
128 100
64 49.9 38.6 57.8
130 36.2 25.5 38.3





#13

2-Methylphenol

Concen: 3.898 ng/ul

RT: 8.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BN029272.D

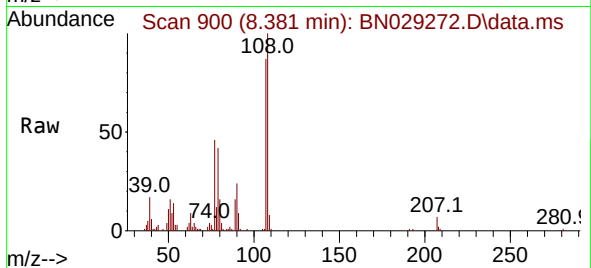
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Tgt Ion:108 Resp: 43650

Ion Ratio Lower Upper

108 100

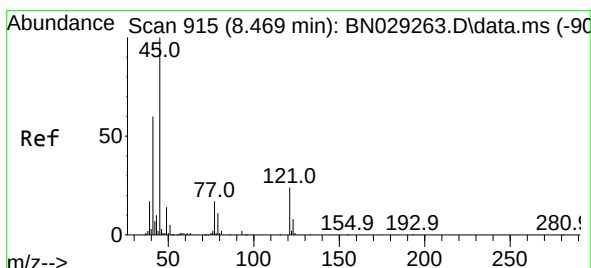
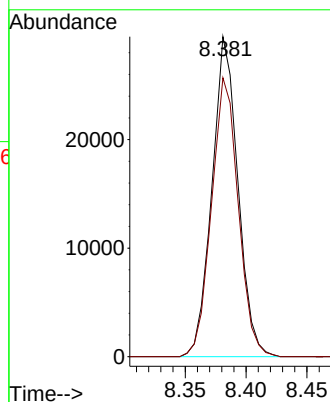
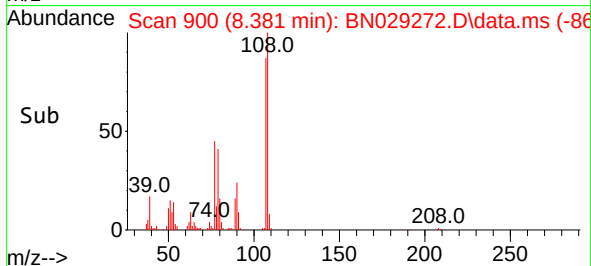
107 87.1 69.2 103.8

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.434 ng/ul

RT: 8.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BN029272.D

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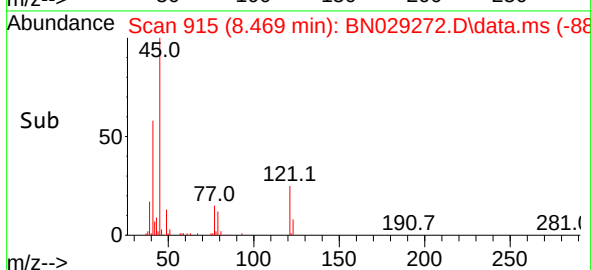
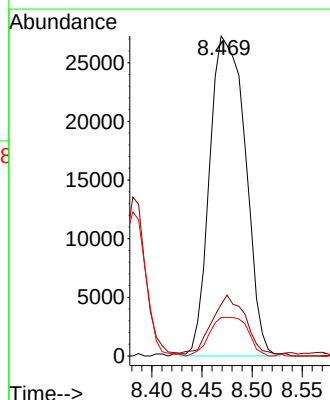
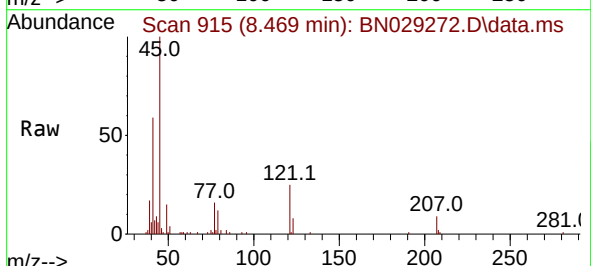
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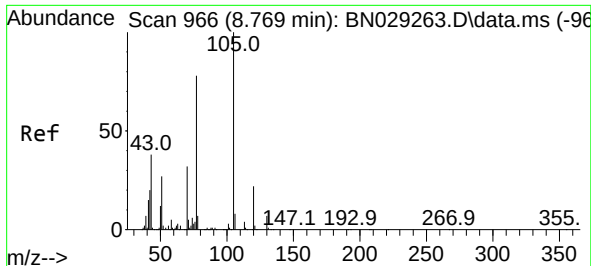
Ion Ratio Lower Upper

45 100

77 16.1 13.1 19.7

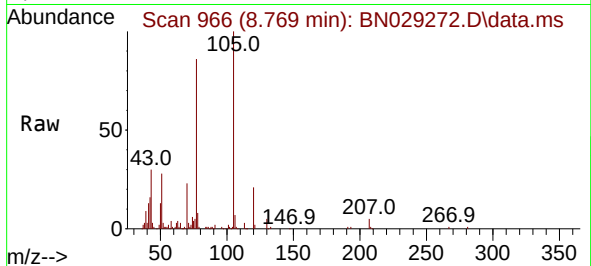
79 12.0 10.0 15.0





#16
Acetophenone
Concen: 4.146 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
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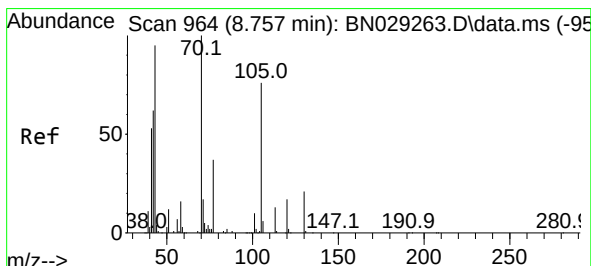
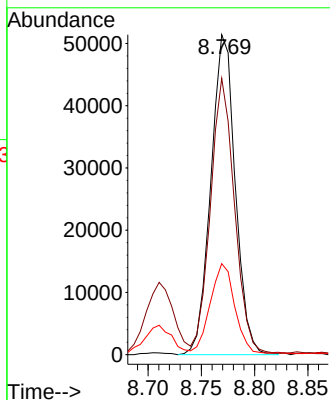
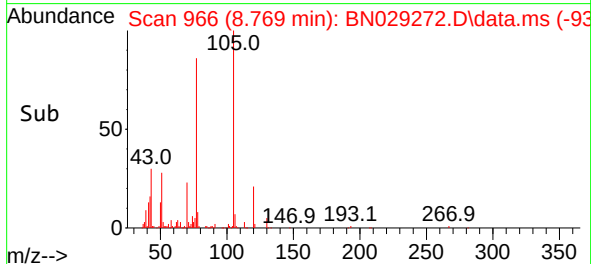
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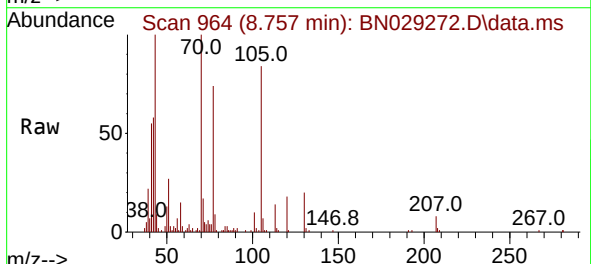
Tgt Ion: 105 Resp: 81925
Ion Ratio Lower Upper
105 100
77 86.3 65.8 98.6
51 28.4 21.8 32.6

Manual Integrations
APPROVED

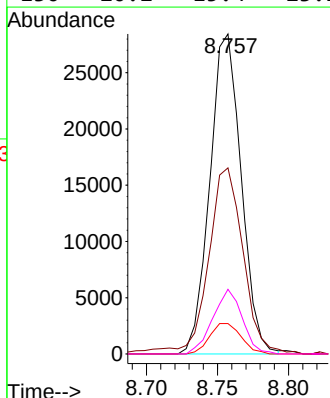
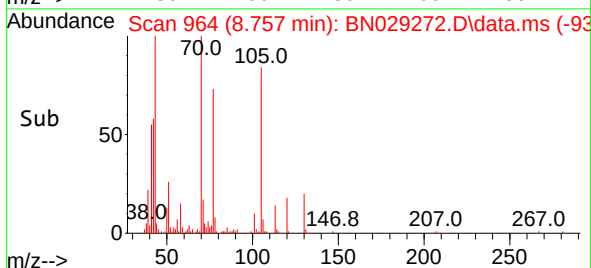
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

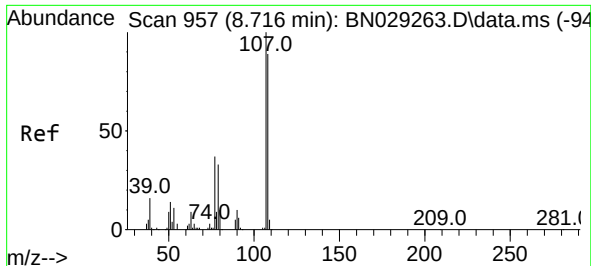


#17
N-Nitroso-di-n-propylamine
Concen: 4.199 ng/ul
RT: 8.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12



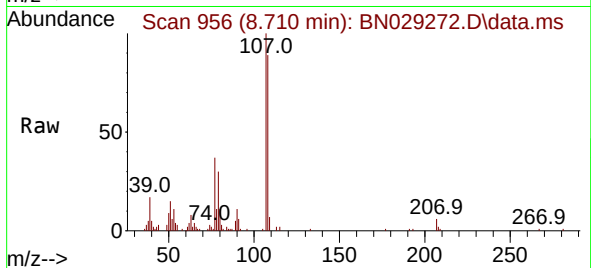
Tgt Ion: 70 Resp: 43673
Ion Ratio Lower Upper
70 100
42 58.2 48.3 72.5
101 9.5 7.1 10.7
130 20.2 15.4 23.2





#18
4-Methylphenol
Concen: 4.171 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

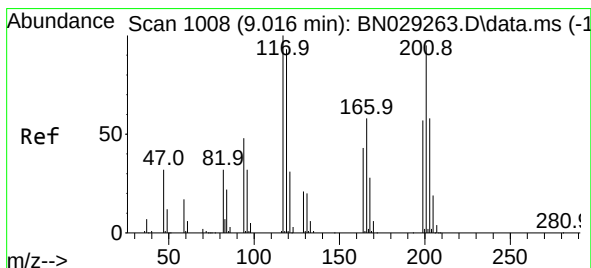
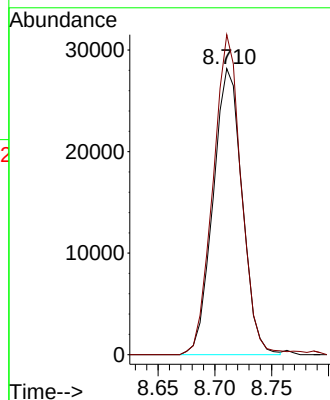
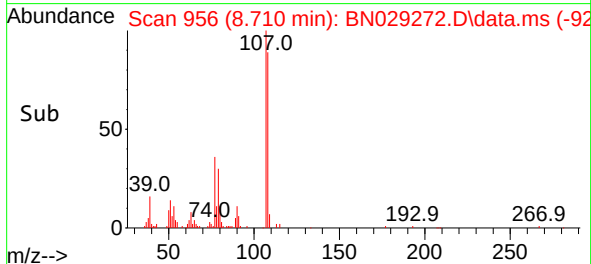
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



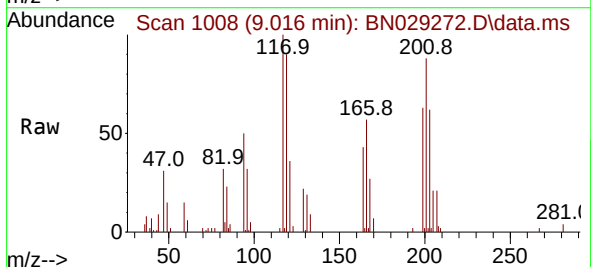
Tgt Ion:108 Resp: 50272
Ion Ratio Lower Upper
108 100
107 111.9 92.5 138.7

Manual Integrations
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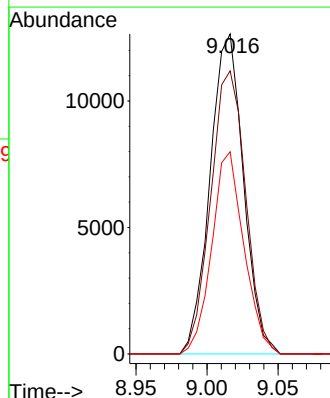
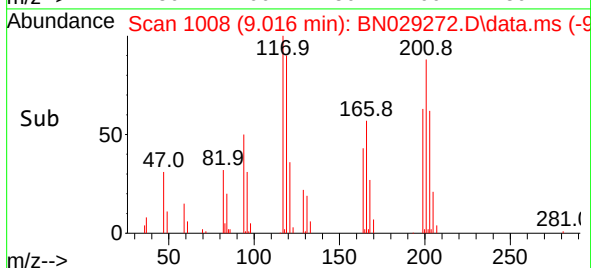
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

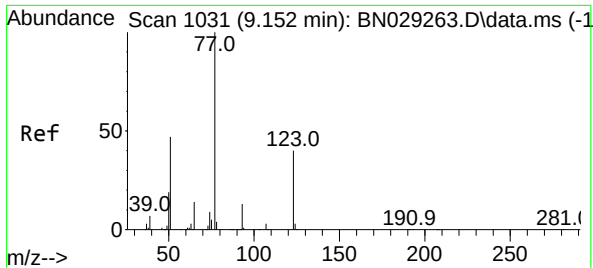


#19
Hexachloroethane
Concen: 4.289 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12



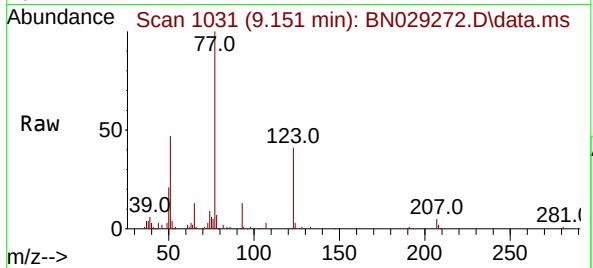
Tgt Ion:117 Resp: 20739
Ion Ratio Lower Upper
117 100
201 88.5 70.6 106.0
199 63.2 47.9 71.9





#22
Nitrobenzene
Concen: 4.528 ng/ul
RT: 9.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

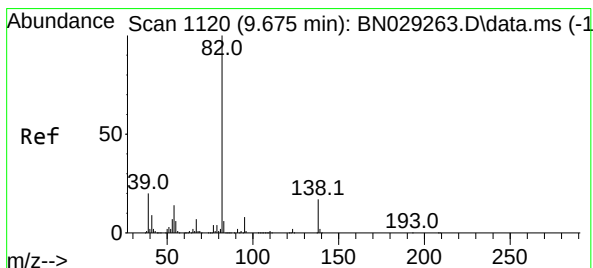
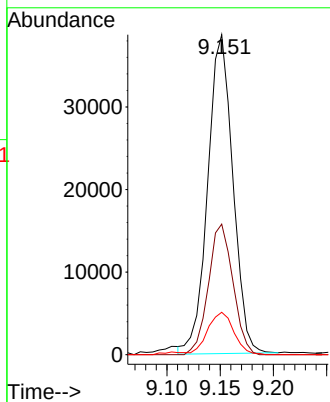
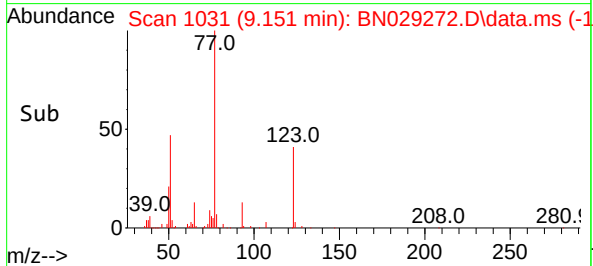
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 77 Resp: 6331
Ion Ratio Lower Upper
77 100
123 40.8 31.4 47.0
65 13.3 10.9 16.3

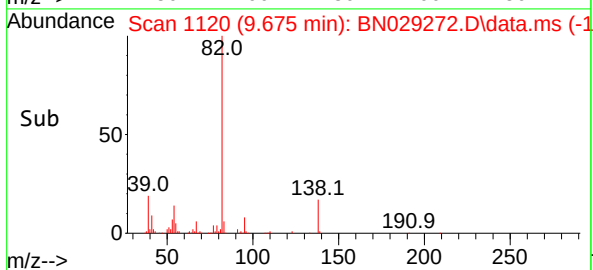
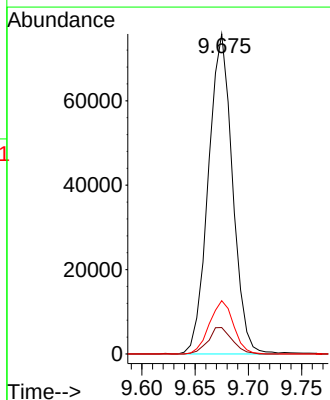
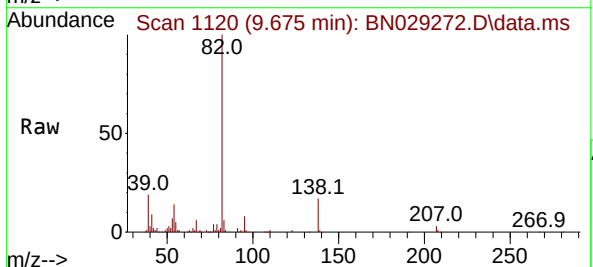
Manual Integrations
APPROVED

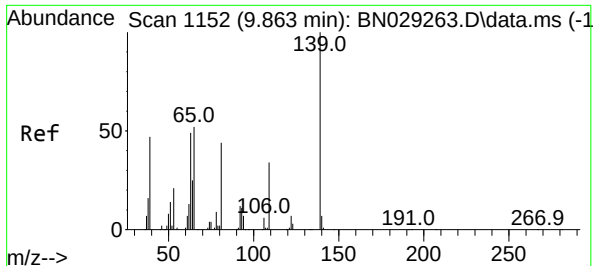
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#23
Isophorone
Concen: 4.022 ng/ul
RT: 9.675 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

Tgt Ion: 82 Resp: 119525
Ion Ratio Lower Upper
82 100
95 8.3 5.9 8.9
138 16.6 12.9 19.3





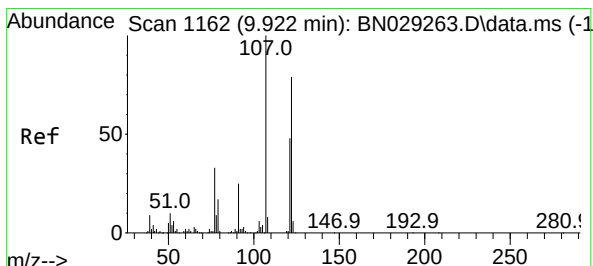
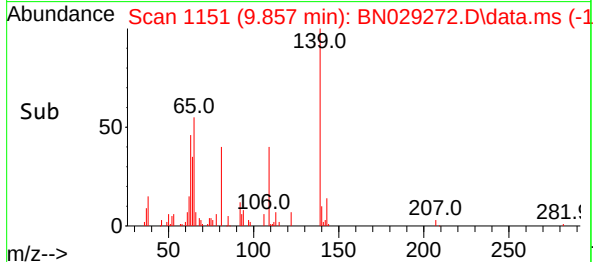
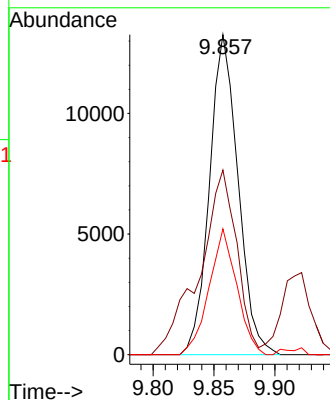
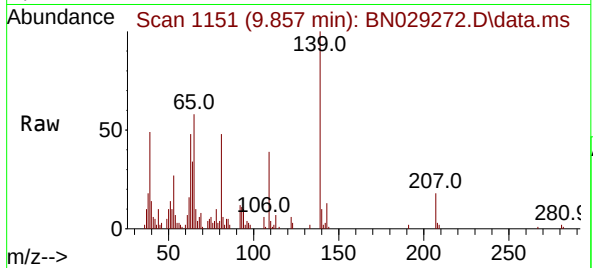
#25
2-Nitrophenol
Concen: 4.416 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2023-08

Tgt Ion:139 Resp: 21688
Ion Ratio Lower Upper
139 100
65 57.7 45.5 68.3
109 39.3 28.6 42.8

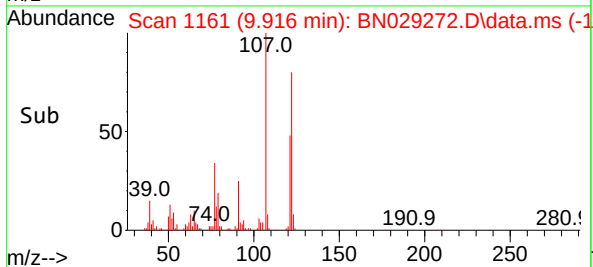
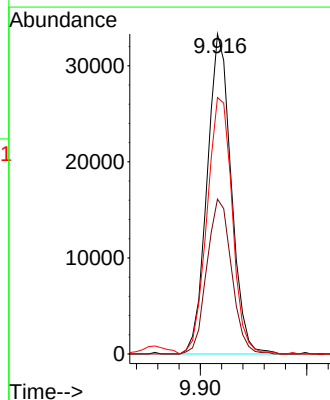
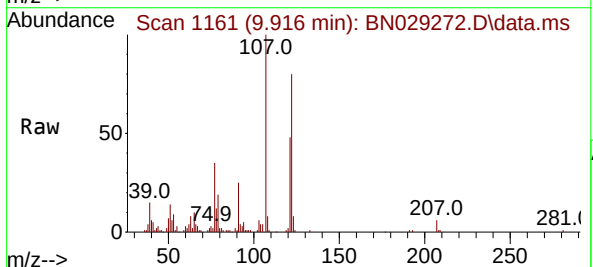
Manual Integrations
APPROVED

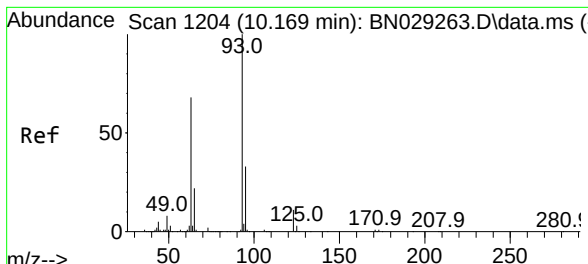
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#26
2,4-Dimethylphenol
Concen: 3.981 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

Tgt Ion:107 Resp: 52276
Ion Ratio Lower Upper
107 100
121 48.4 40.1 60.1
122 80.2 68.4 102.6





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.268 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. 0.000 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12

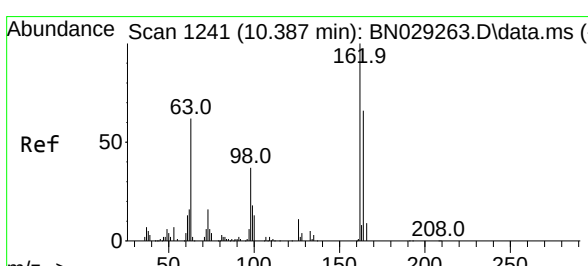
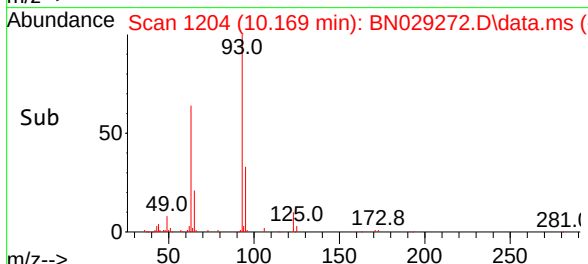
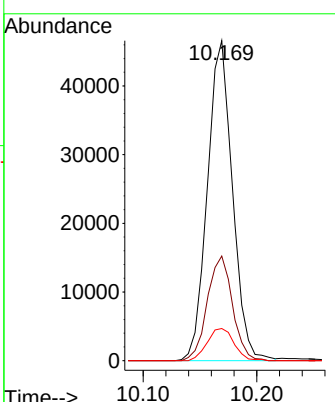
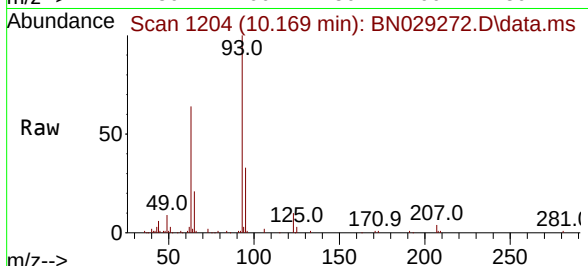
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT4-2023-08

Tgt Ion: 93 Resp: 71409

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	10.1	7.9	11.9

Manual Integrations
 APPROVED

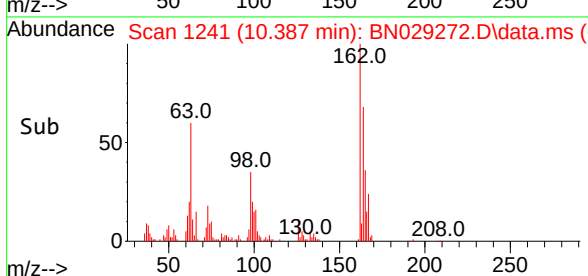
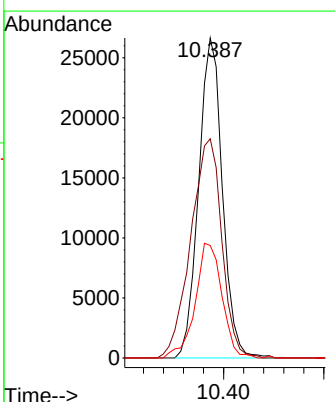
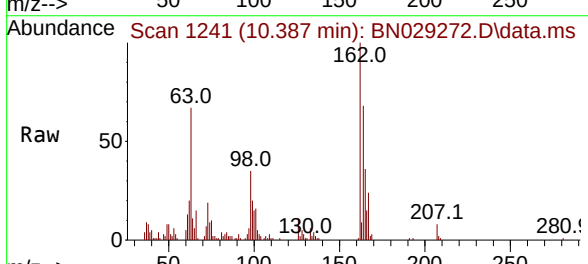
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

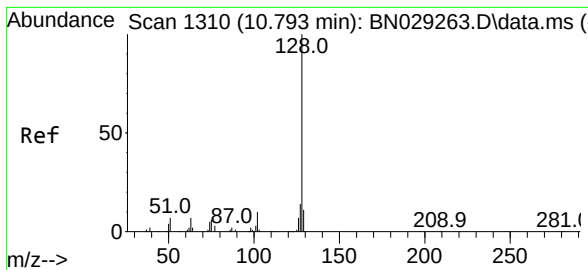


#29
 2,4-Dichlorophenol
 Concen: 4.276 ng/ul
 RT: 10.387 min Scan# 1241
 Delta R.T. -0.006 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12

Tgt Ion:162 Resp: 43910

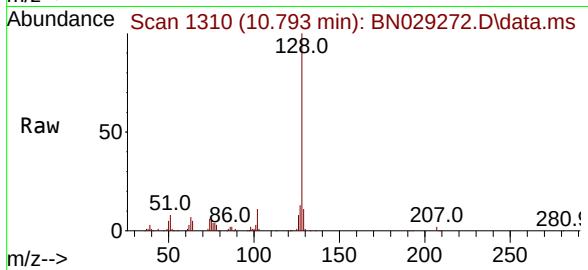
Ion	Ratio	Lower	Upper
162	100		
164	68.5	53.6	80.4
98	35.1	30.8	46.2





#30
Naphthalene
Concen: 4.322 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

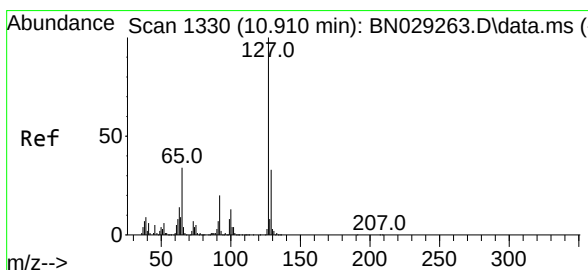
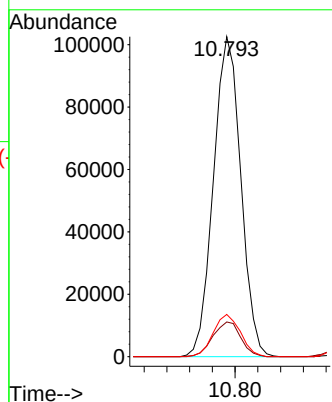
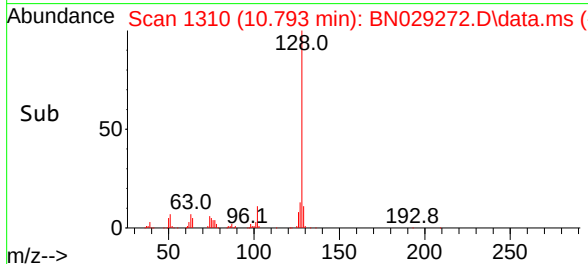
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:128 Resp: 17181
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.5 15.7

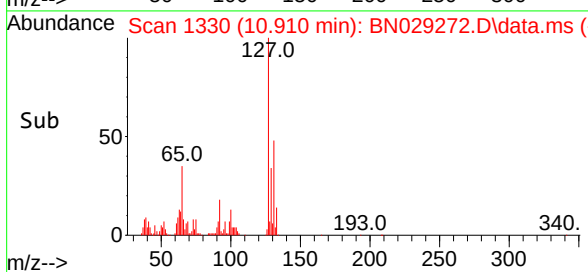
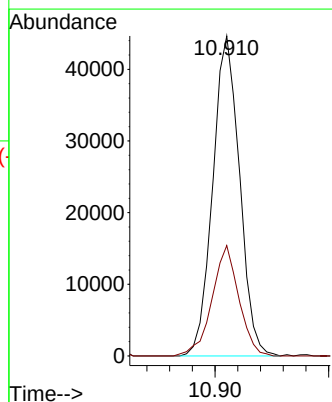
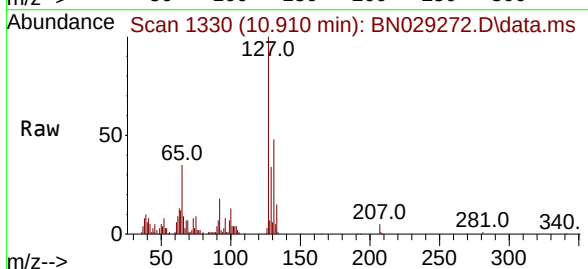
Manual Integrations
APPROVED

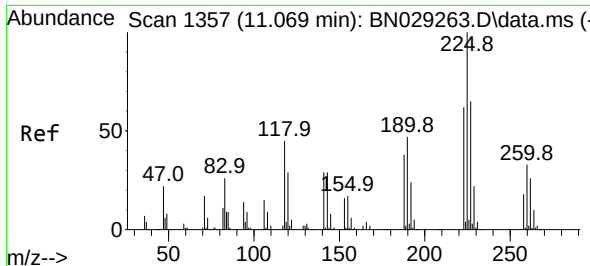
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#32
4-Chloroaniline
Concen: 3.978 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

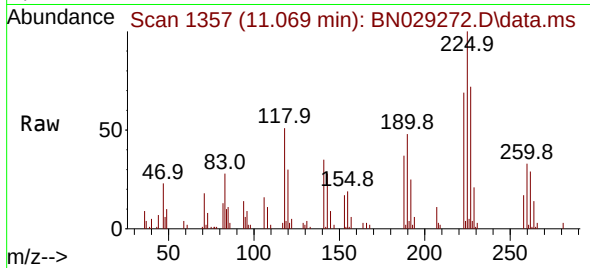
Tgt Ion:127 Resp: 73125
Ion Ratio Lower Upper
127 100
129 34.5 26.1 39.1





#33
Hexachlorobutadiene
Concen: 4.161 ng/ul
RT: 11.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

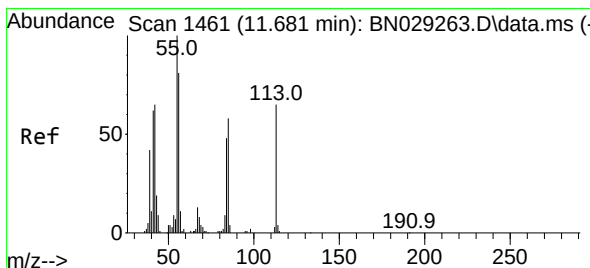
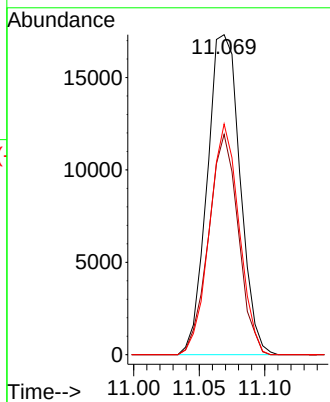
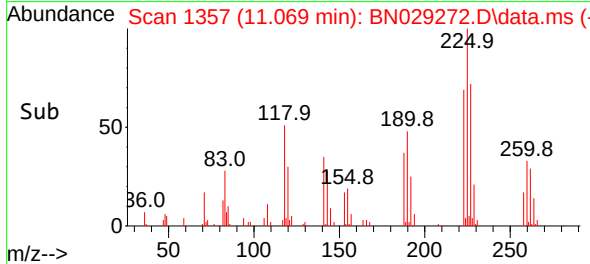
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:225 Resp: 3015
Ion Ratio Lower Upper
225 100
223 68.8 48.0 72.0
227 72.1 47.8 71.6

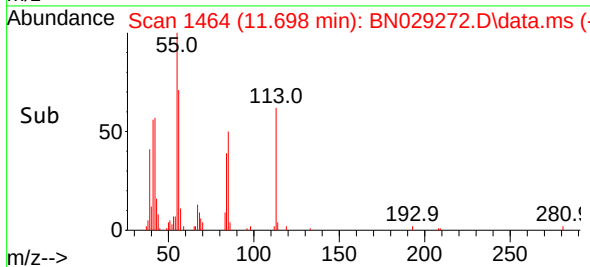
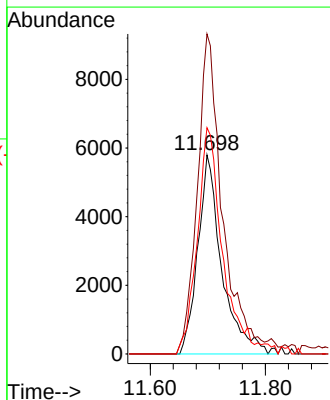
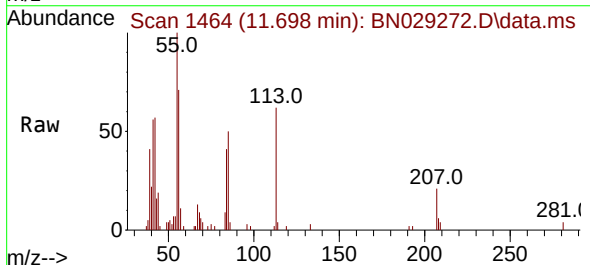
Manual Integrations
APPROVED

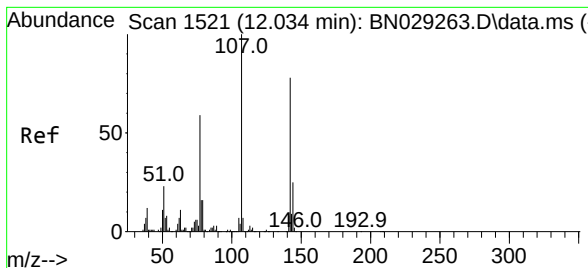
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#34
Caprolactam
Concen: 4.034 ng/ul m
RT: 11.698 min Scan# 1464
Delta R.T. 0.024 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

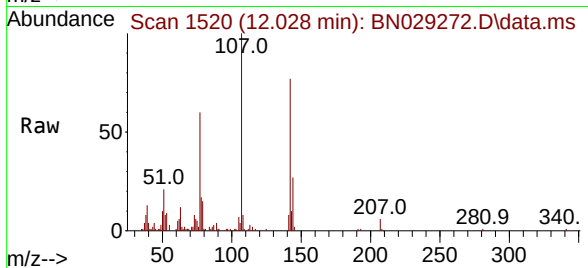
Tgt Ion:113 Resp: 16789
Ion Ratio Lower Upper
113 100
55 160.7 132.9 199.3
56 113.6 96.5 144.7





#35
4-Chloro-3-methylphenol
Concen: 3.963 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

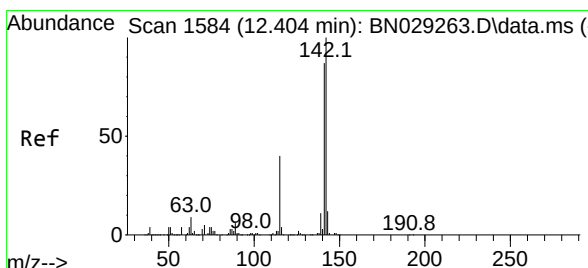
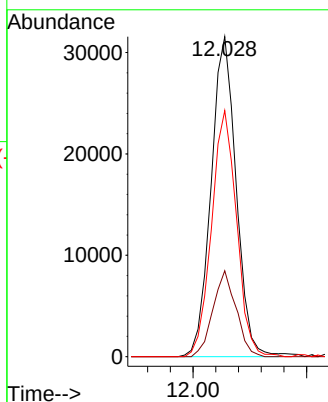
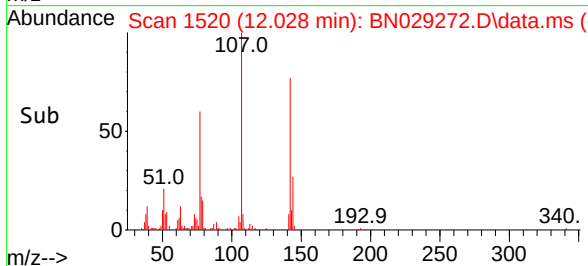
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:107 Resp: 4828
Ion Ratio Lower Upper
107 100
144 26.8 20.2 30.2
142 76.9 62.6 93.8

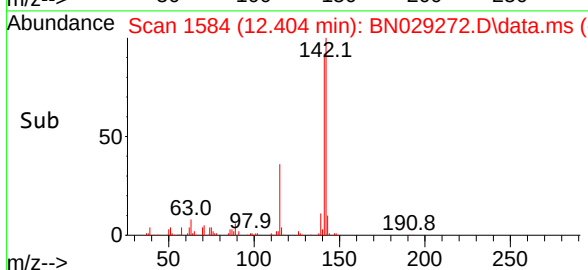
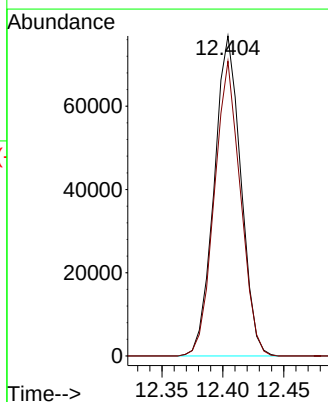
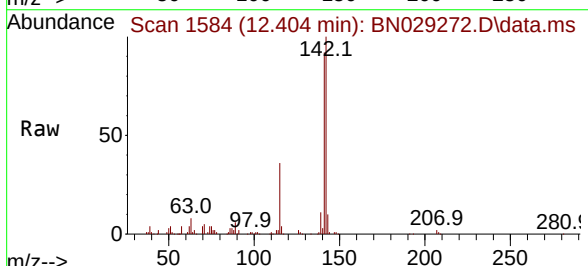
Manual Integrations
APPROVED

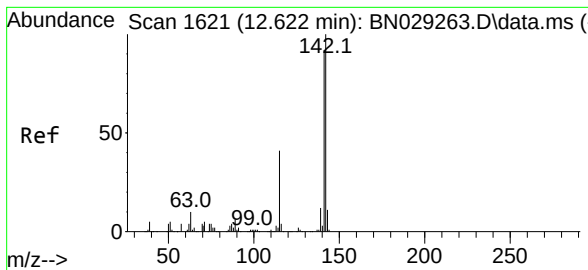
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#36
2-Methylnaphthalene
Concen: 4.220 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

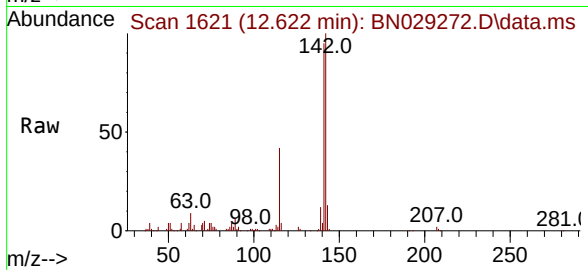
Tgt Ion:142 Resp: 117301
Ion Ratio Lower Upper
142 100
141 92.1 71.0 106.6





#37
1-Methylnaphthalene
Concen: 4.370 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

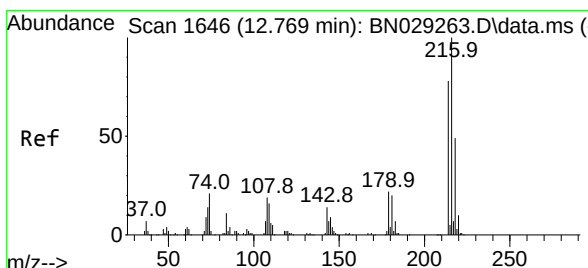
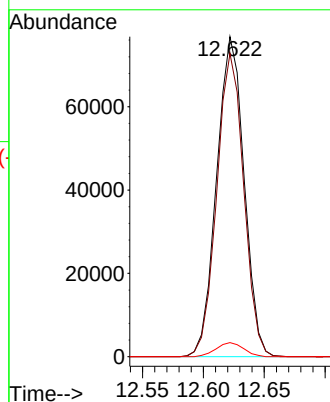
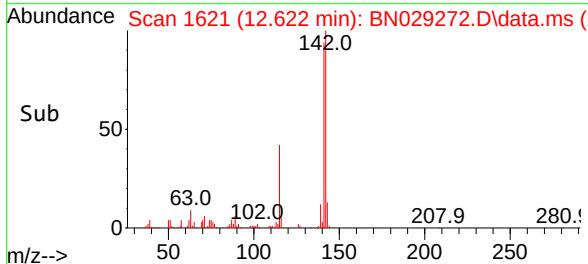
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:142 Resp: 120534
Ion Ratio Lower Upper
142 100
141 94.8 74.6 112.0
116 4.4 3.6 5.4

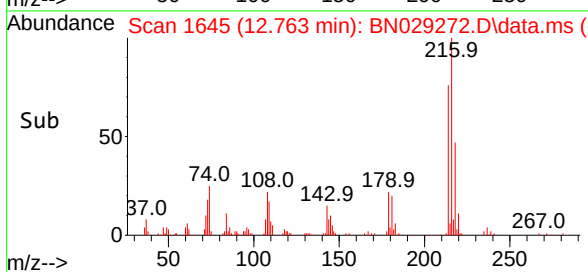
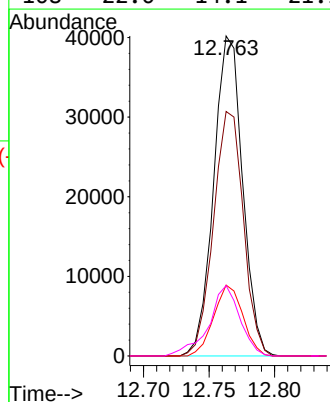
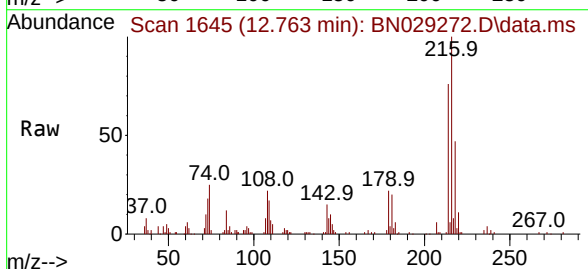
Manual Integrations
APPROVED

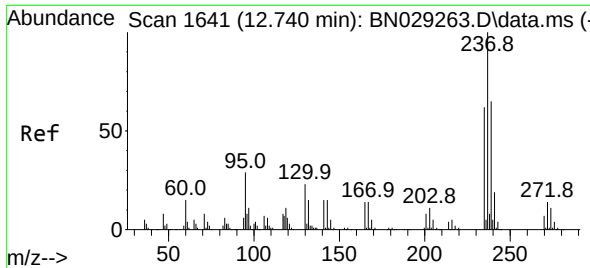
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.198 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

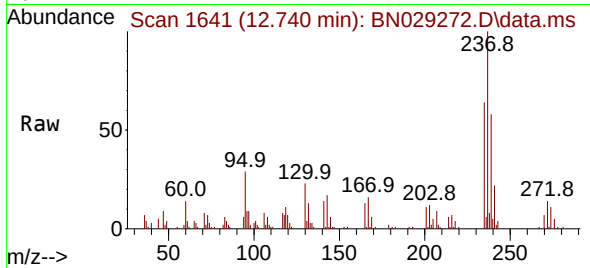
Tgt Ion:216 Resp: 61576
Ion Ratio Lower Upper
216 100
214 76.4 60.3 90.5
179 22.1 17.0 25.4
108 22.0 14.1 21.1#





#40
Hexachlorocyclopentadiene
Concen: 4.020 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

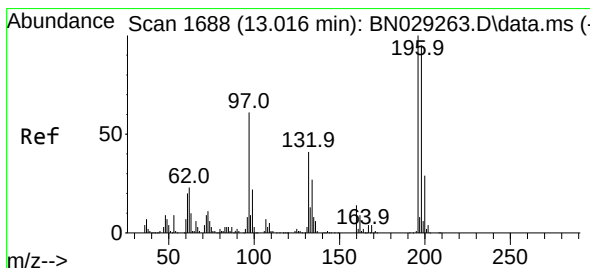
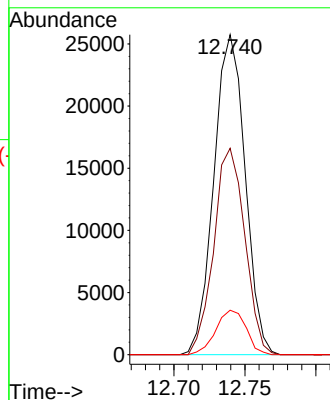
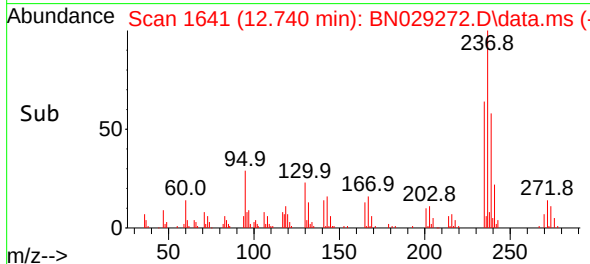
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:237 Resp: 39480
Ion Ratio Lower Upper
237 100
235 64.5 47.0 70.4
272 14.7 9.3 13.9

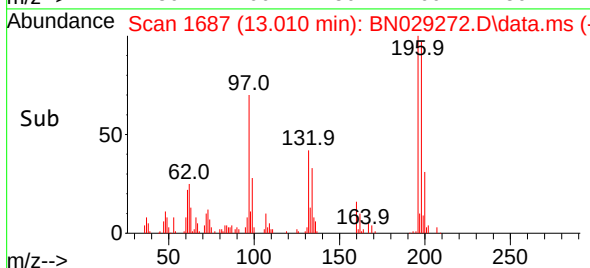
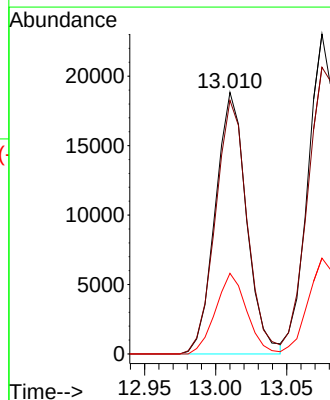
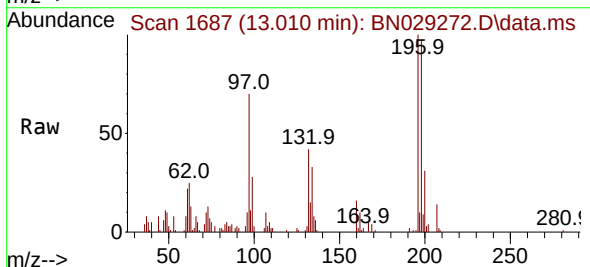
Manual Integrations
APPROVED

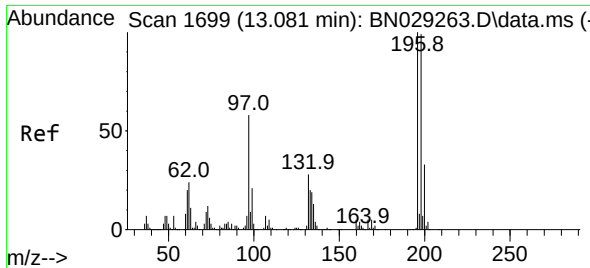
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#41
2,4,6-Trichlorophenol
Concen: 3.552 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

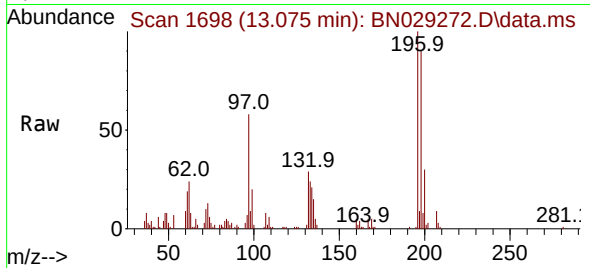
Tgt Ion:196 Resp: 28864
Ion Ratio Lower Upper
196 100
198 97.0 78.6 117.8
200 30.9 23.7 35.5





#42
2,4,5-Trichlorophenol
Concen: 3.873 ng/ul
RT: 13.075 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

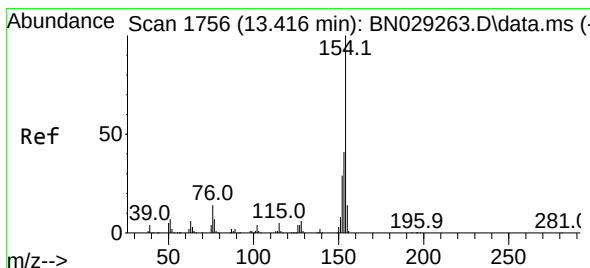
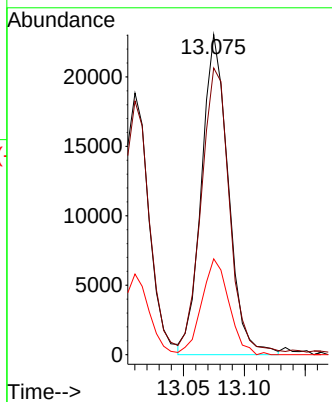
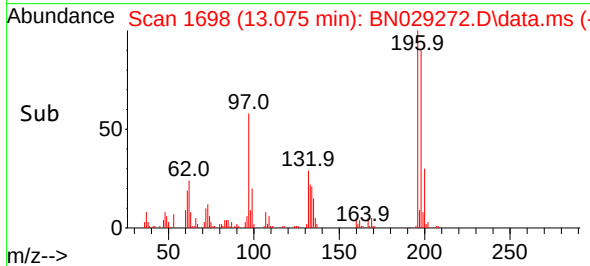
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:196 Resp: 3534
Ion Ratio Lower Upper
196 100
198 89.6 76.5 114.7
200 30.0 23.6 35.4

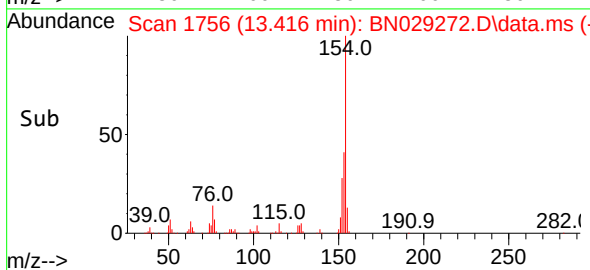
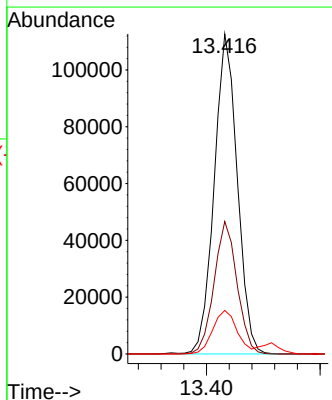
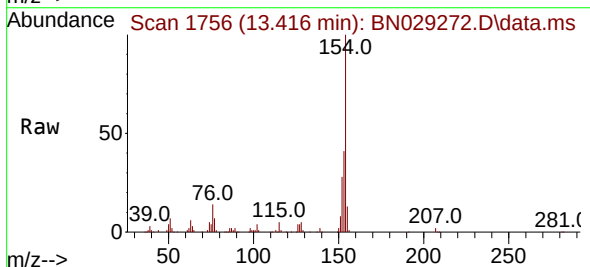
Manual Integrations
APPROVED

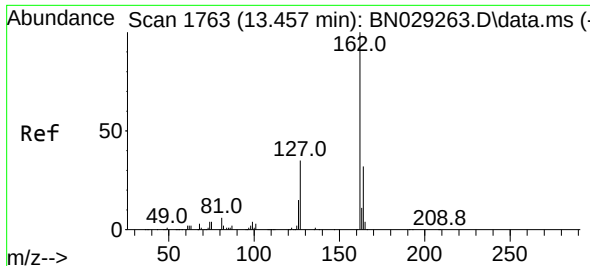
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#43
1,1'-Biphenyl
Concen: 4.194 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

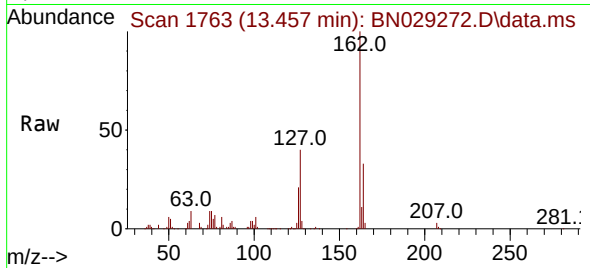
Tgt Ion:154 Resp: 159072
Ion Ratio Lower Upper
154 100
153 41.4 32.4 48.6
76 13.6 10.9 16.3





#44
2-Chloronaphthalene
Concen: 4.284 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

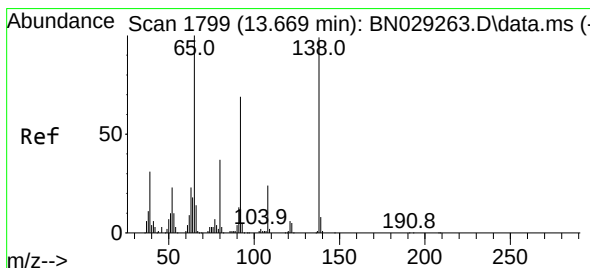
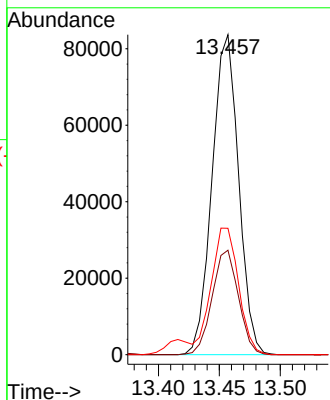
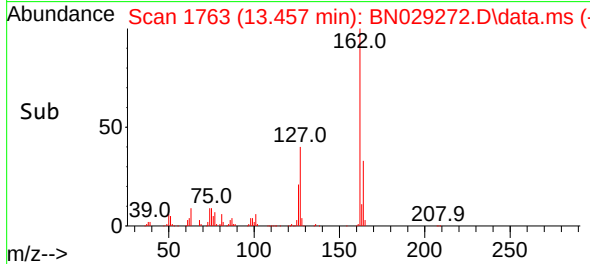
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:162 Resp: 126904
Ion Ratio Lower Upper
162 100
164 32.6 27.4 41.2
127 39.5 33.2 49.8

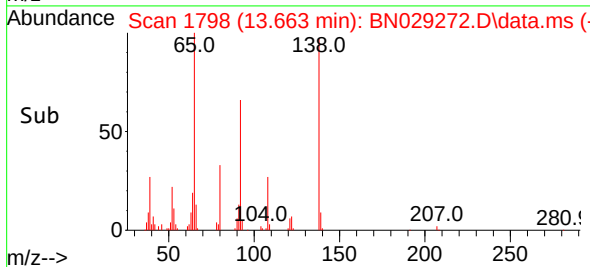
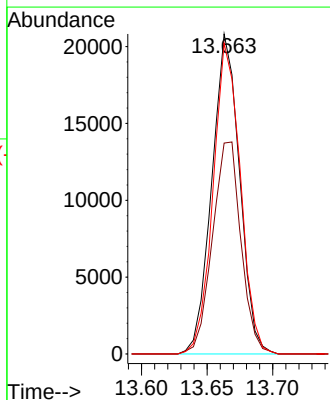
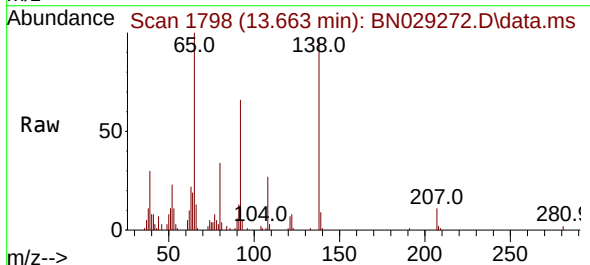
Manual Integrations
APPROVED

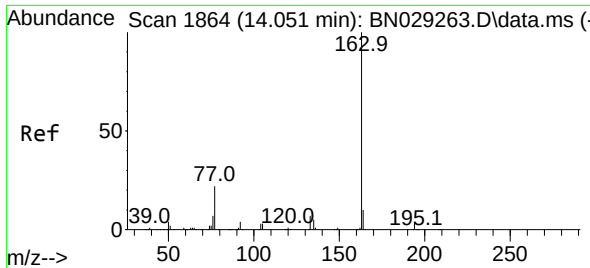
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#45
2-Nitroaniline
Concen: 3.893 ng/ul
RT: 13.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

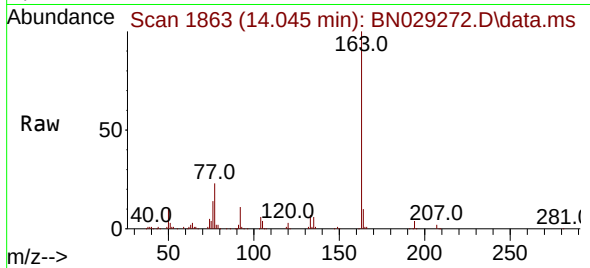
Tgt Ion: 65 Resp: 30573
Ion Ratio Lower Upper
65 100
92 65.9 52.4 78.6
138 97.1 77.8 116.8





#47
Dimethylphthalate
Concen: 4.187 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

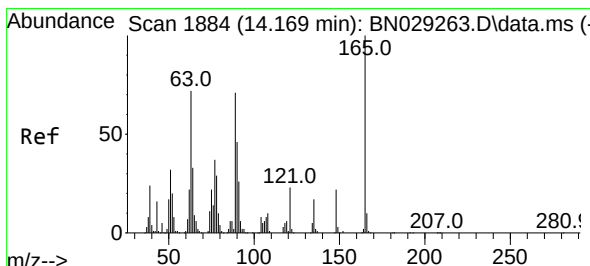
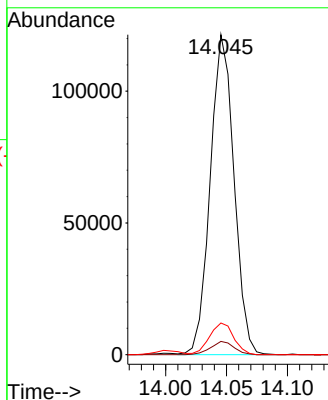
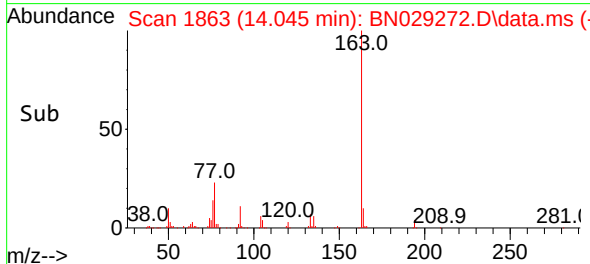
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:163 Resp: 16517
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 8.2 12.4

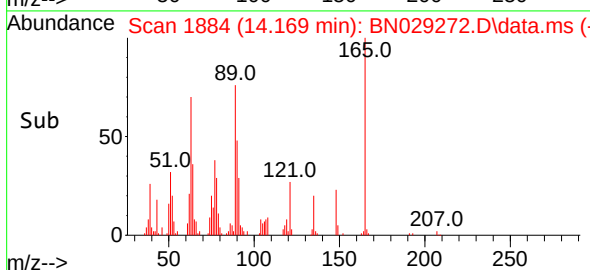
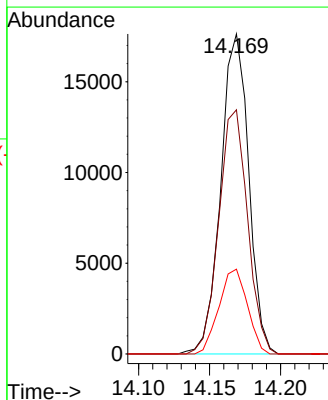
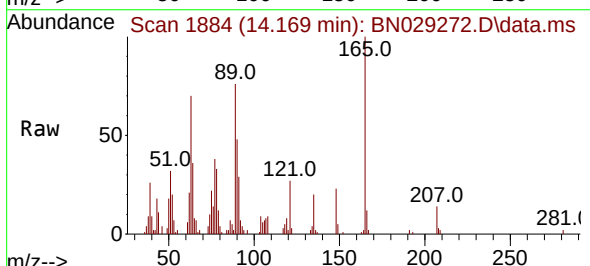
Manual Integrations
APPROVED

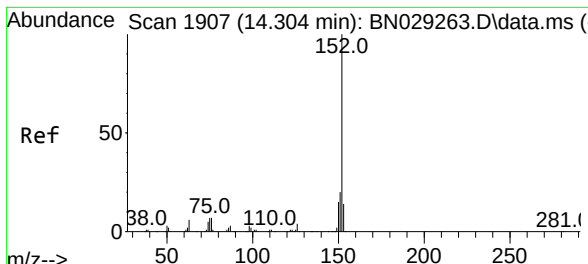
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#48
2,6-Dinitrotoluene
Concen: 3.778 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

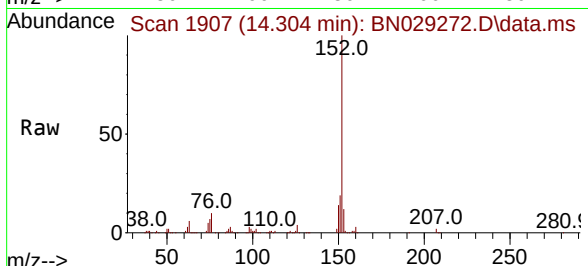
Tgt Ion:165 Resp: 24093
Ion Ratio Lower Upper
165 100
89 76.3 58.6 87.8
121 26.5 20.6 30.8





#50
Acenaphthylene
Concen: 4.130 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2023-08

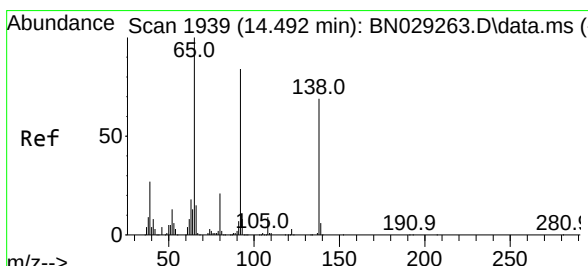
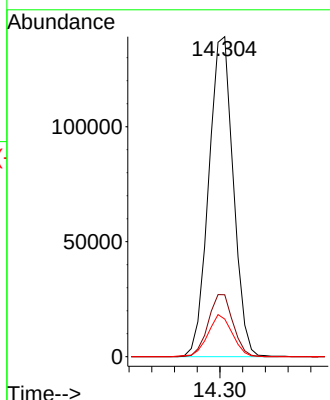
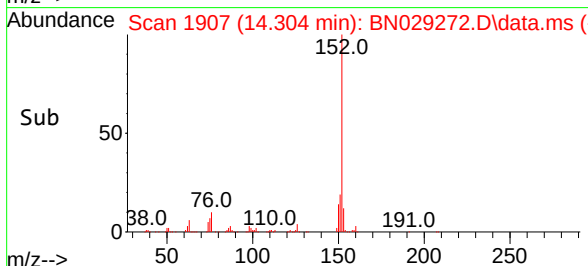


Tgt Ion:152 Resp: 209030

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.1	24.1
153	11.8	10.3	15.5

Manual Integrations
APPROVED

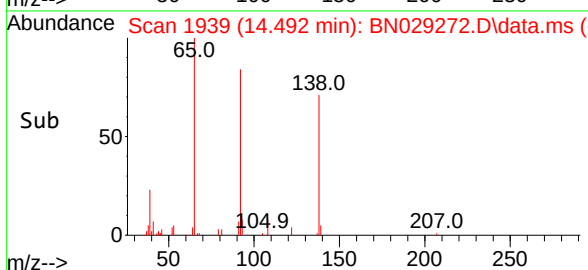
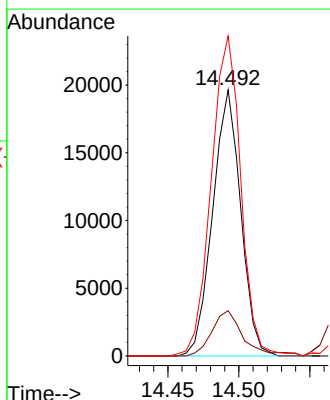
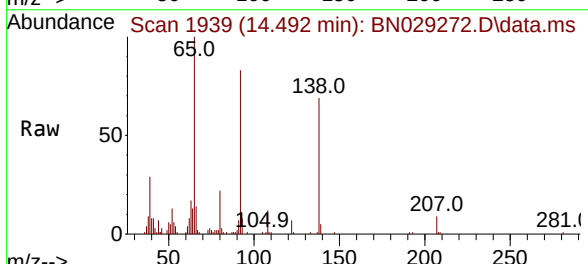
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

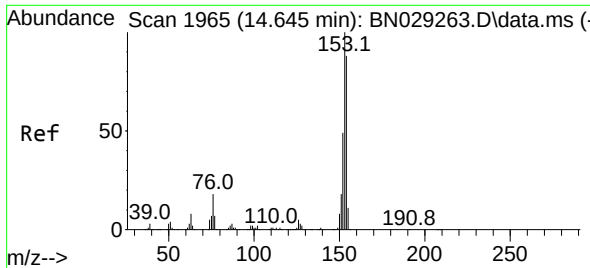


#51
3-Nitroaniline
Concen: 3.883 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

Tgt Ion:138 Resp: 26900

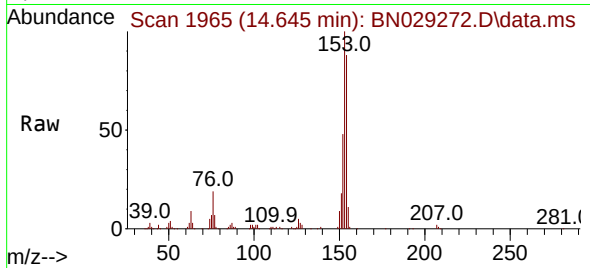
Ion	Ratio	Lower	Upper
138	100		
108	17.0	13.4	20.2
92	120.2	101.8	152.6





#52
Acenaphthene
Concen: 4.169 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

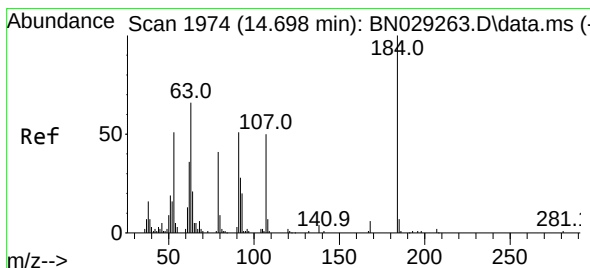
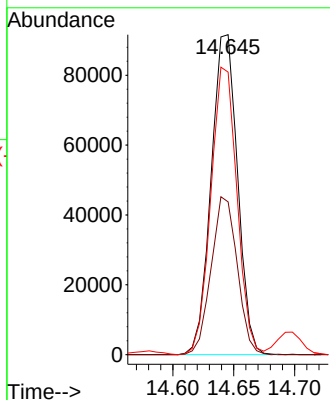
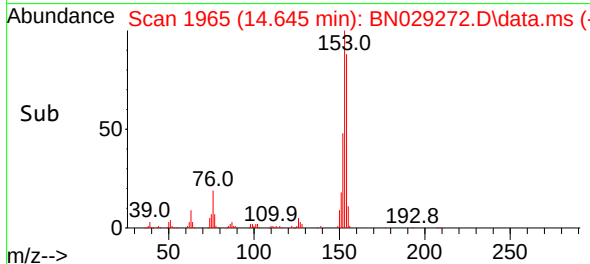
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:153 Resp: 138520
Ion Ratio Lower Upper
153 100
152 47.7 37.8 56.6
154 88.3 70.2 105.2

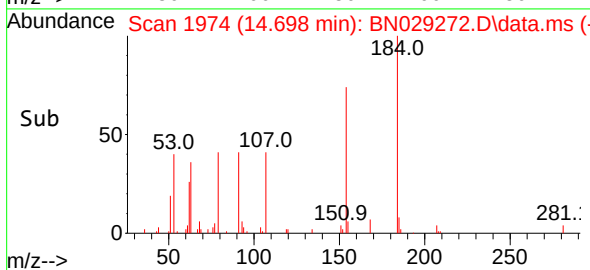
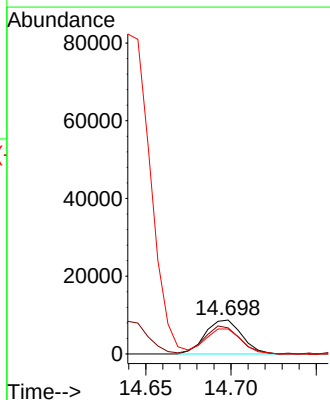
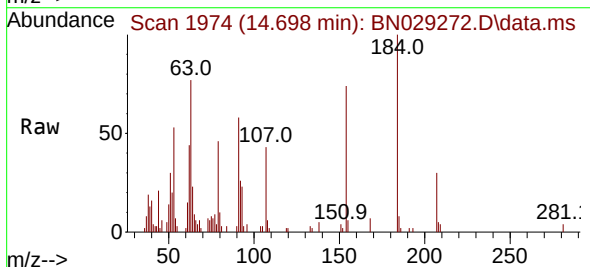
Manual Integrations
APPROVED

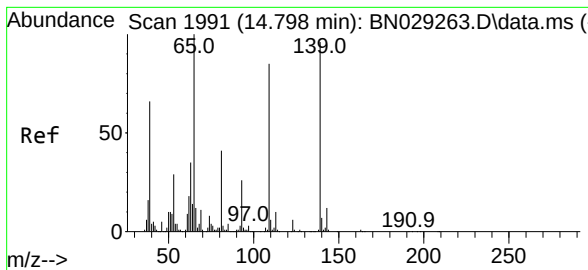
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#53
2,4-Dinitrophenol
Concen: 4.789 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

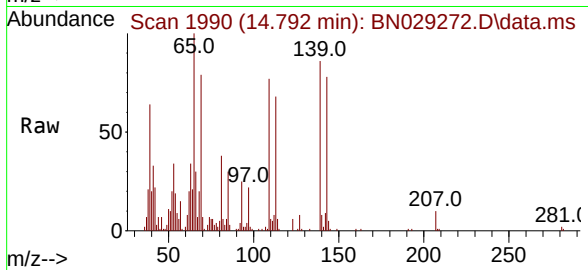
Tgt Ion:184 Resp: 13054
Ion Ratio Lower Upper
184 100
63 77.0 58.8 88.2
154 73.8 54.5 81.7





#55
4-Nitrophenol
Concen: 4.679 ng/ul
RT: 14.792 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

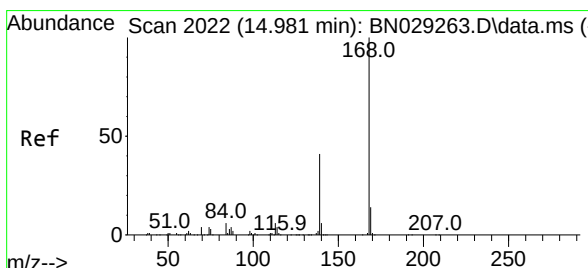
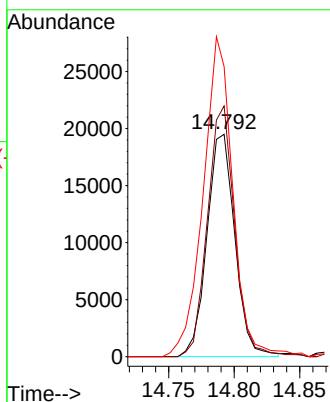
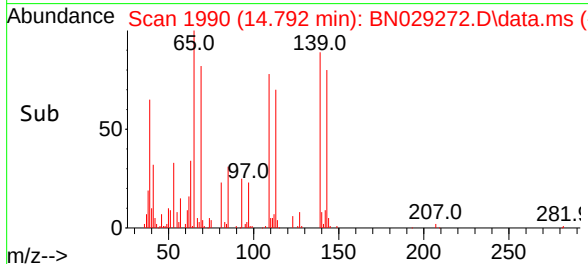
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:109 Resp: 2890
Ion Ratio Lower Upper
109 100
139 112.7 91.7 137.5
65 130.4 100.4 150.6

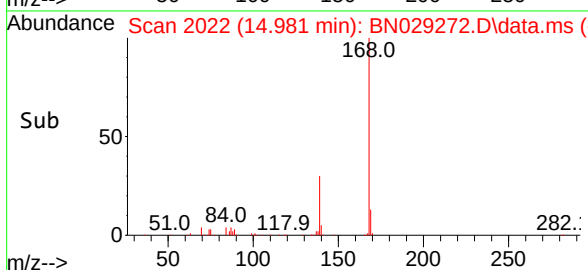
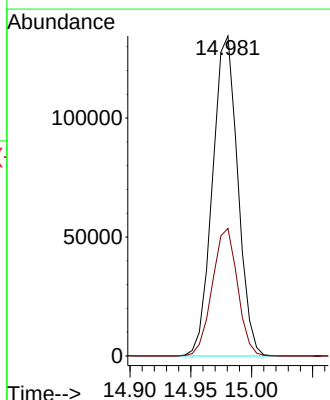
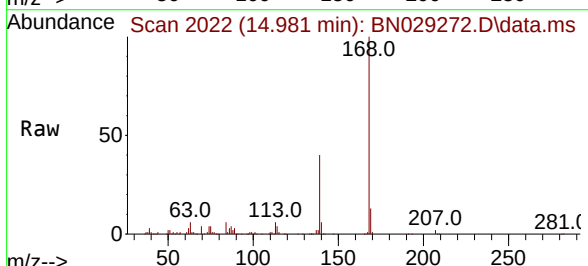
Manual Integrations
APPROVED

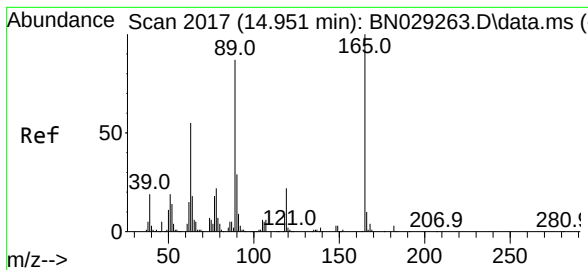
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#56
Dibenzofuran
Concen: 4.322 ng/ul
RT: 14.981 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

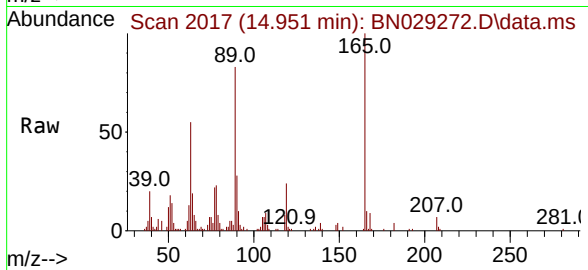
Tgt Ion:168 Resp: 194222
Ion Ratio Lower Upper
168 100
139 39.9 32.7 49.1





#57
2,4-Dinitrotoluene
Concen: 3.976 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

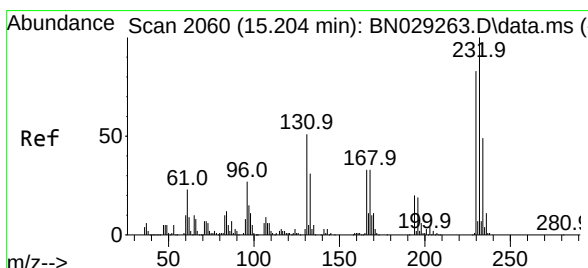
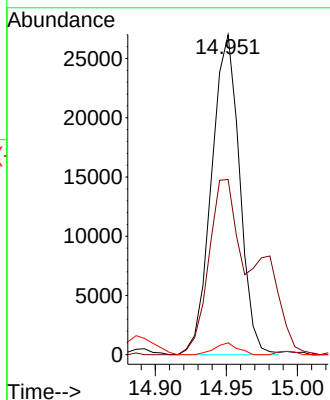
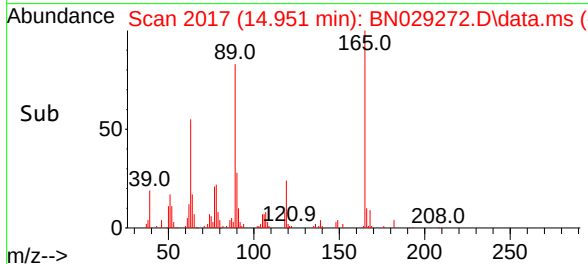
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



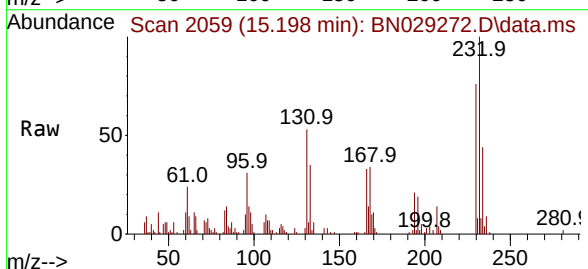
Tgt Ion:165 Resp: 37138
Ion Ratio Lower Upper
165 100
63 54.7 42.0 63.0
182 3.7 2.2 3.4

Manual Integrations
APPROVED

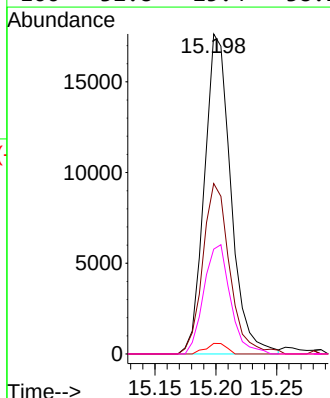
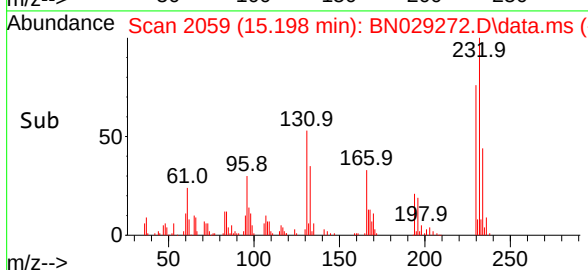
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

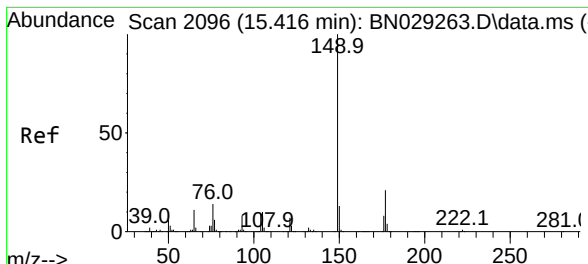


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.541 ng/ul
RT: 15.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12



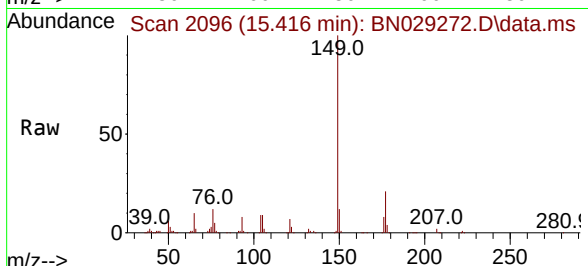
Tgt Ion:232 Resp: 26655
Ion Ratio Lower Upper
232 100
131 53.2 39.7 59.5
130 3.3 2.2 3.4
166 32.8 25.4 38.2





#59
Diethylphthalate
 Concen: 4.061 ng/ul
 RT: 15.416 min Scan# 2096
 Delta R.T. 0.000 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2023-08

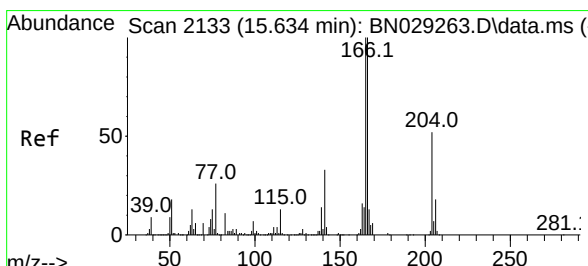
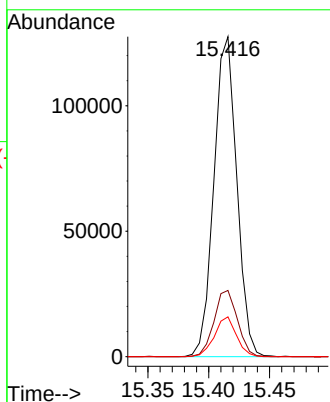
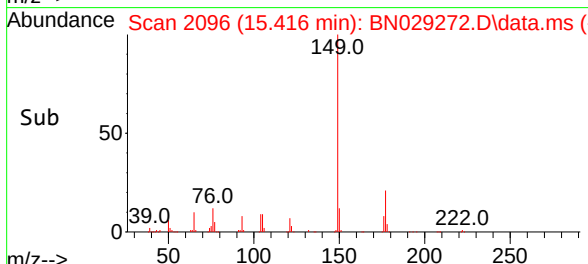


Tgt Ion:149 Resp: 16713

Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.7	26.5
150	12.5	10.3	15.5

Manual Integrations
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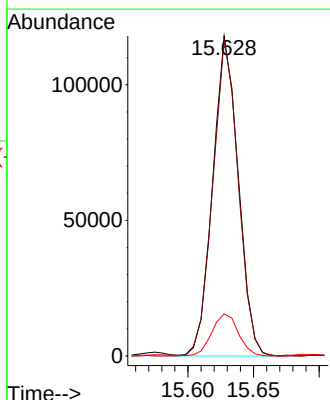
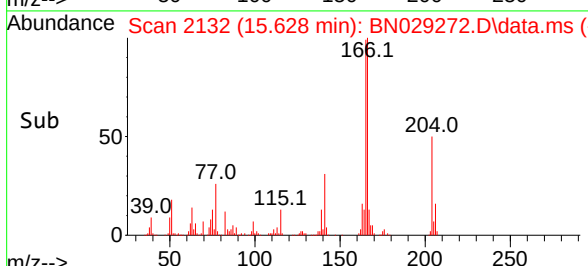
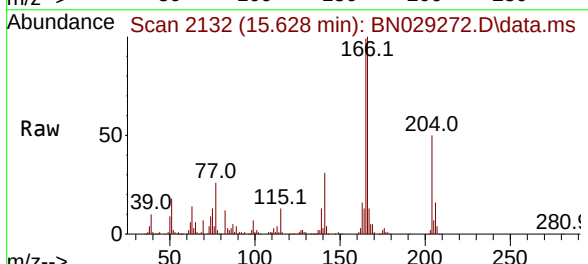
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

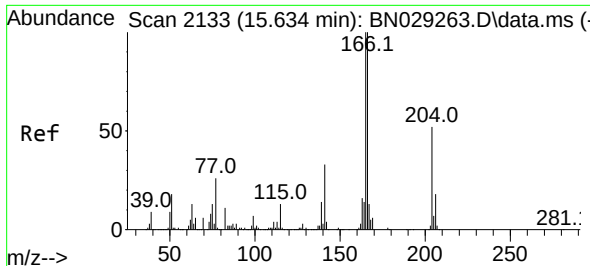


#61
Fluorene
 Concen: 4.097 ng/ul
 RT: 15.628 min Scan# 2132
 Delta R.T. -0.006 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12

Tgt Ion:166 Resp: 159437

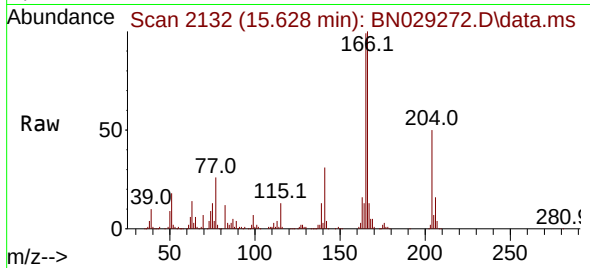
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	13.2	10.7	16.1





#62
4-Chlorophenyl-phenylether
Concen: 4.262 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

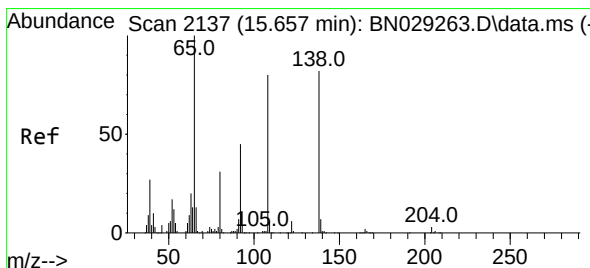
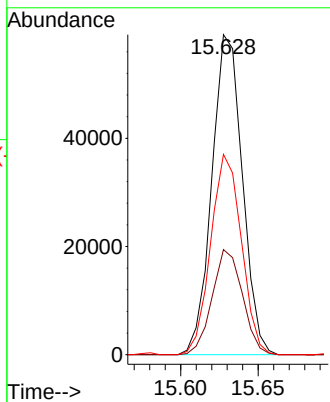
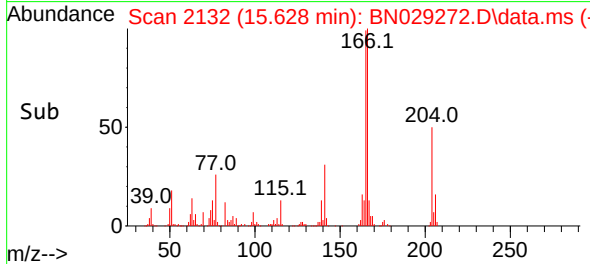
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:204 Resp: 8103
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 62.6 48.6 72.8

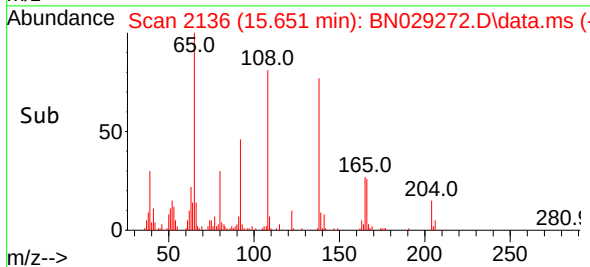
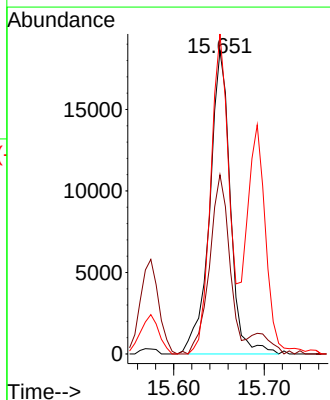
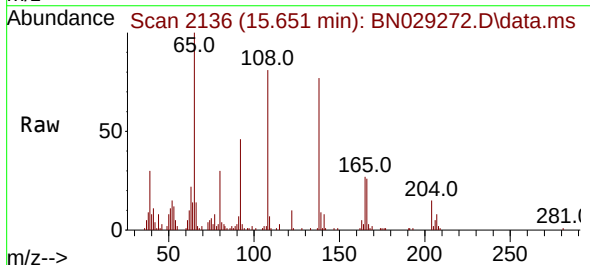
Manual Integrations
APPROVED

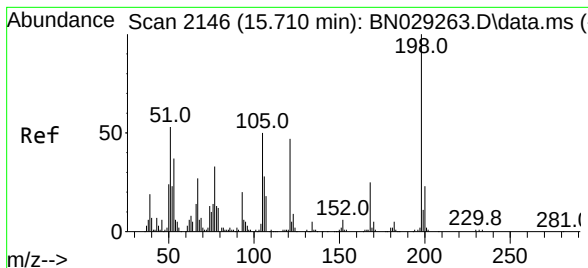
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#63
4-Nitroaniline
Concen: 4.321 ng/ul m
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

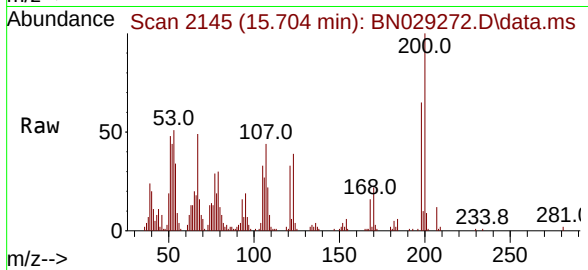
Tgt Ion:138 Resp: 29475
Ion Ratio Lower Upper
138 100
92 59.1 44.5 66.7
108 105.5 79.8 119.8





#66
4,6-Dinitro-2-methylphenol
Concen: 4.024 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

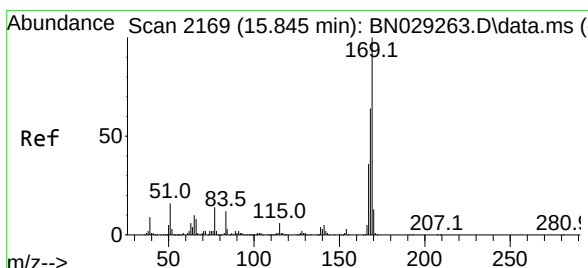
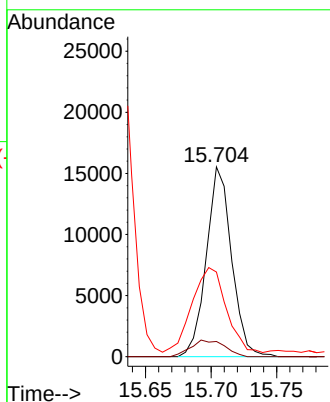
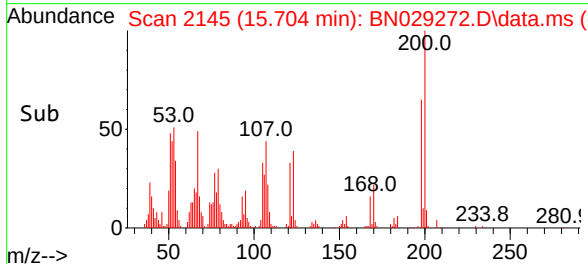
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:198 Resp: 2080
Ion Ratio Lower Upper
198 100
182 8.0 4.0 6.0
77 44.6 24.7 37.1

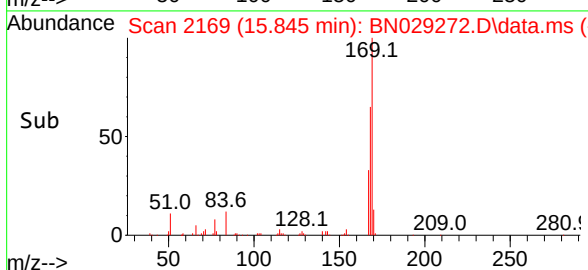
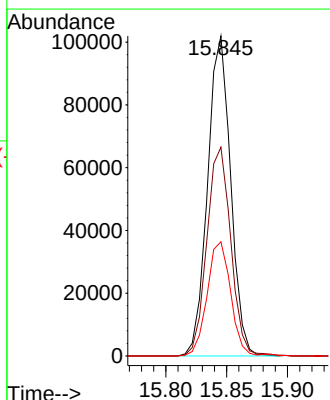
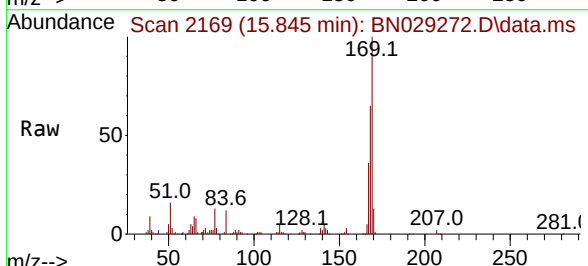
Manual Integrations
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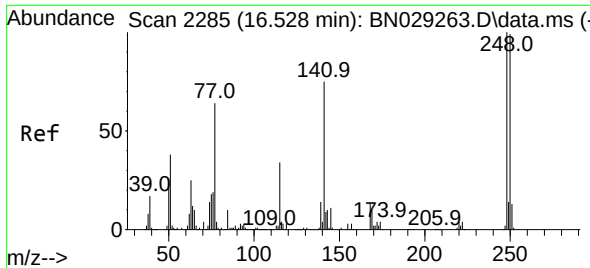
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#67
N-Nitrosodiphenylamine
Concen: 4.149 ng/ul
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

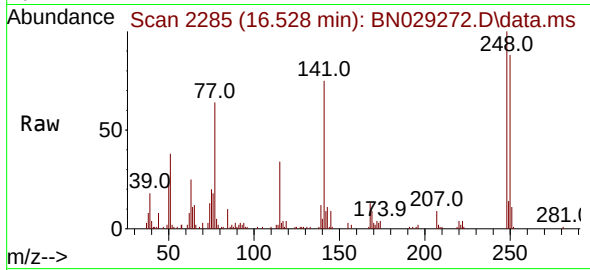
Tgt Ion:169 Resp: 134333
Ion Ratio Lower Upper
169 100
168 65.2 55.1 82.7
167 35.7 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 2.901 ng/ul
RT: 16.528 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

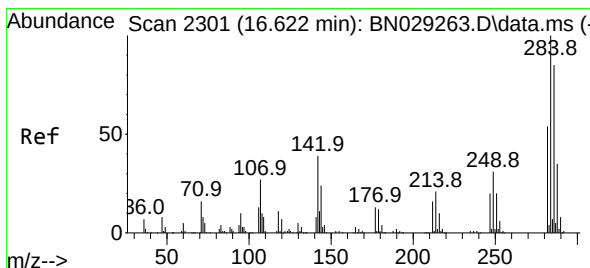
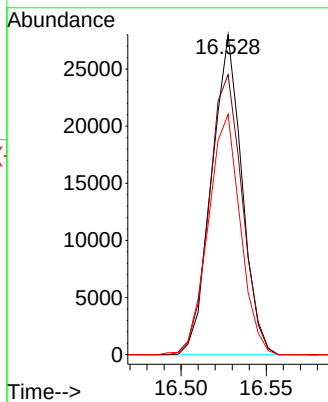
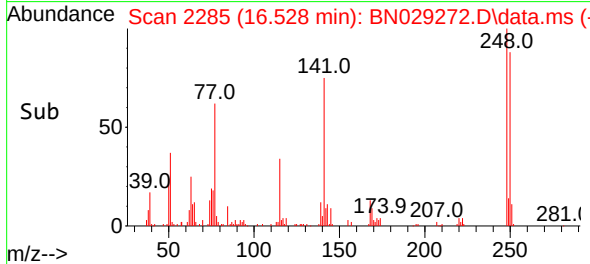
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



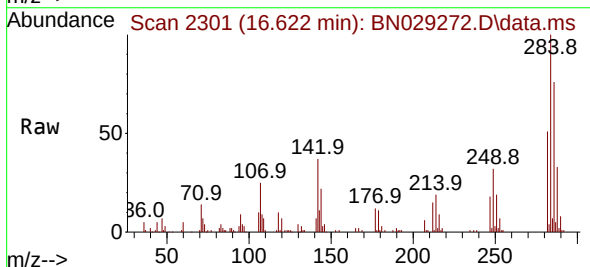
Tgt Ion:248 Resp: 34619
Ion Ratio Lower Upper
248 100
250 87.5 80.2 120.2
141 75.1 62.7 94.1

Manual Integrations
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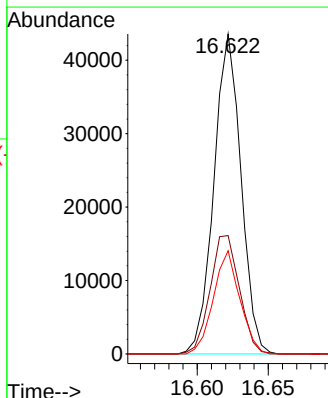
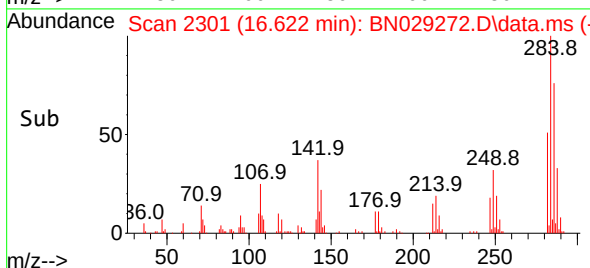
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

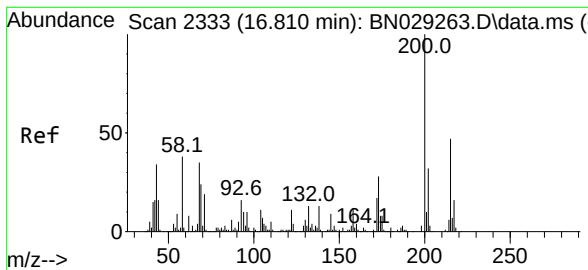


#69
Hexachlorobenzene
Concen: 4.024 ng/ul
RT: 16.622 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12



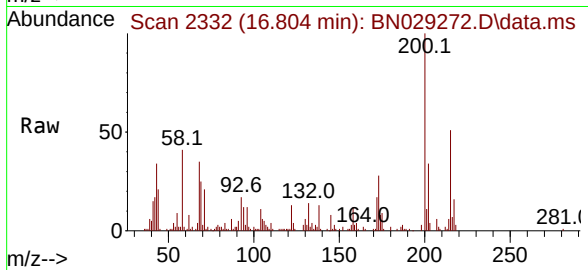
Tgt Ion:284 Resp: 57808
Ion Ratio Lower Upper
284 100
142 37.0 24.9 37.3
249 32.2 23.1 34.7





#70
 Atrazine
 Concen: 4.357 ng/ul
 RT: 16.804 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12

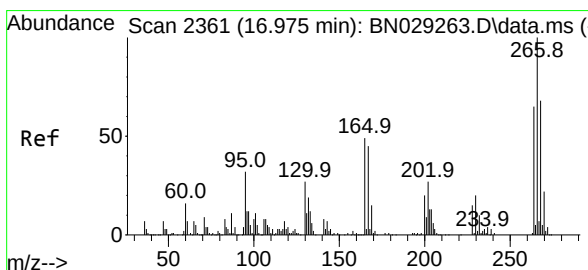
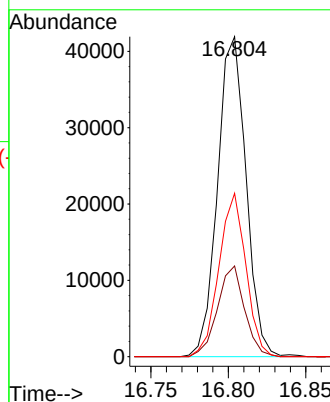
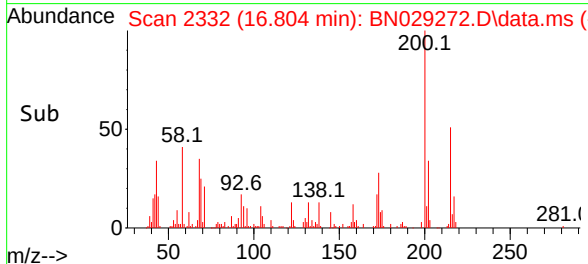
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2023-08



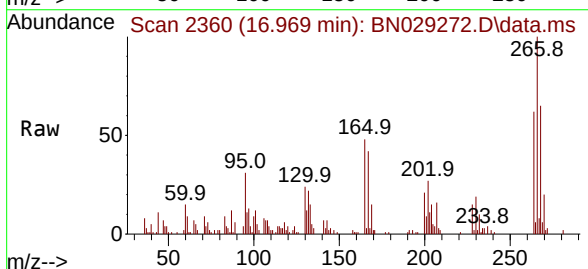
Tgt Ion:200 Resp: 5355
 Ion Ratio Lower Upper
 200 100
 173 28.3 20.1 30.1
 215 51.0 36.9 55.3

Manual Integrations
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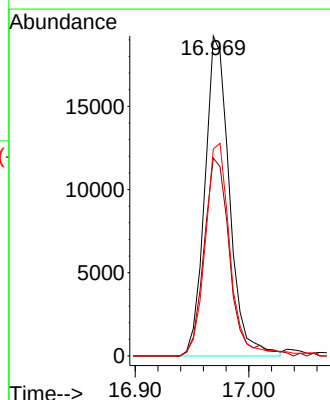
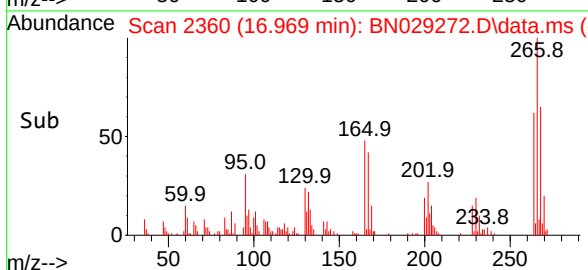
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

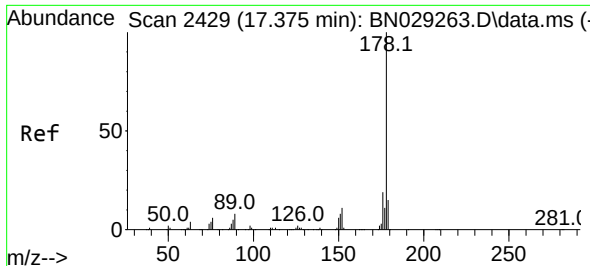


#71
 Pentachlorophenol
 Concen: 3.716 ng/ul
 RT: 16.969 min Scan# 2360
 Delta R.T. -0.006 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12



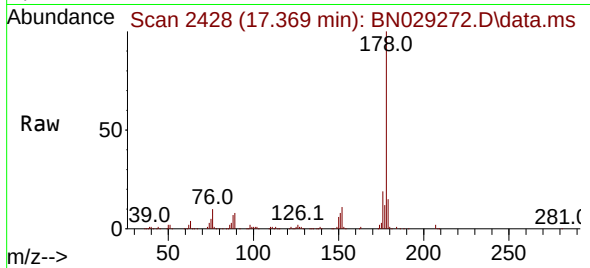
Tgt Ion:266 Resp: 28838
 Ion Ratio Lower Upper
 266 100
 264 61.9 53.4 80.0
 268 64.7 49.4 74.0





#72
Phenanthrene
Concen: 4.198 ng/ul
RT: 17.369 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

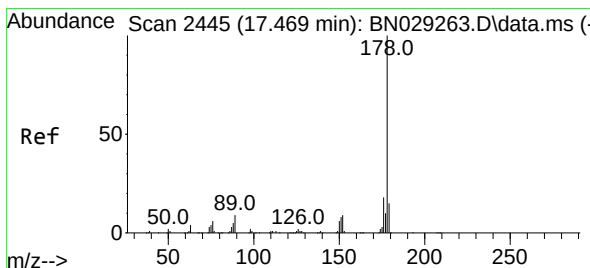
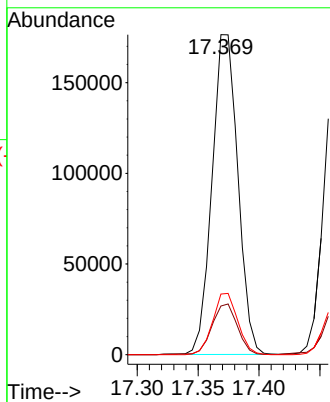
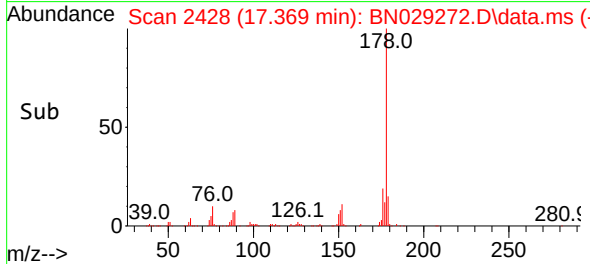
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:178 Resp: 260062
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.0 15.7 23.5

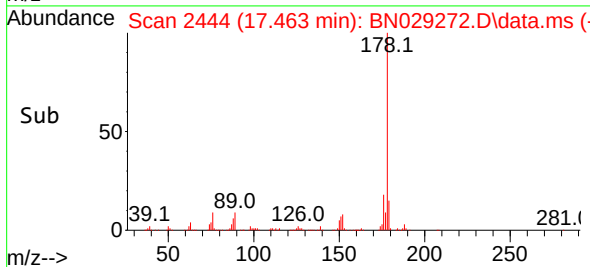
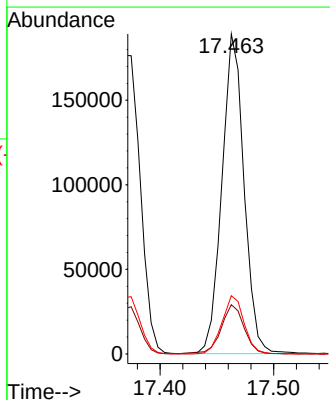
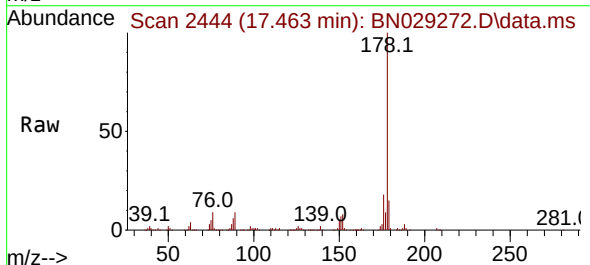
Manual Integrations
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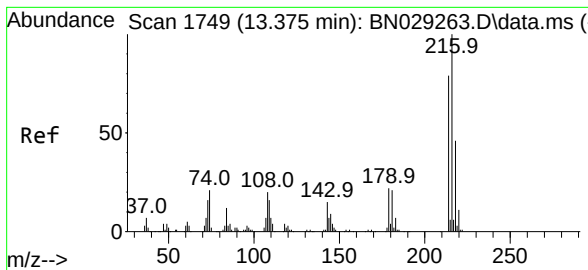
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#74
Anthracene
Concen: 3.971 ng/ul
RT: 17.463 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

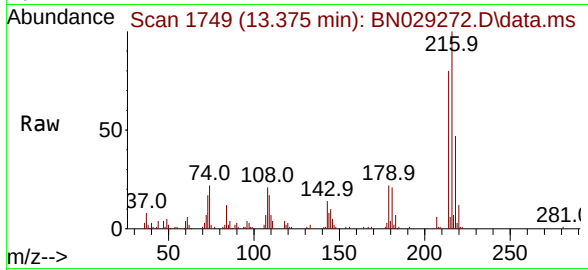
Tgt Ion:178 Resp: 255425
Ion Ratio Lower Upper
178 100
179 15.4 11.6 17.4
176 18.2 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.142 ng/uL
RT: 13.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

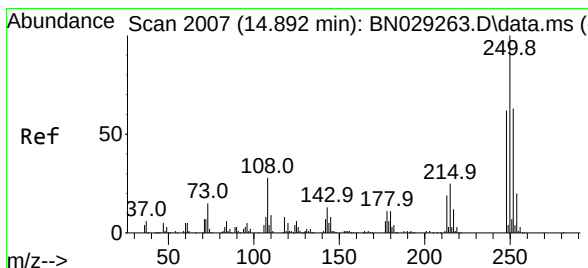
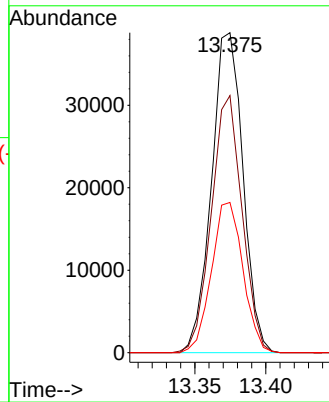
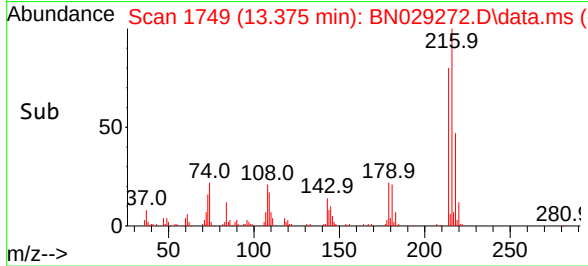
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



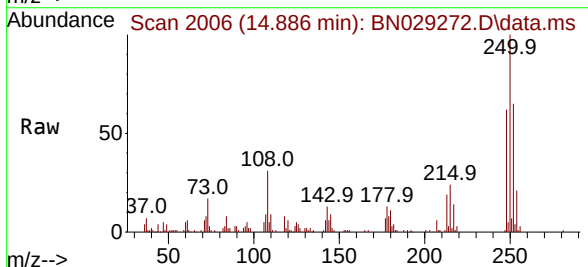
Tgt Ion:216 Resp: 5979
Ion Ratio Lower Upper
216 100
214 80.4 58.3 87.5
218 46.9 35.2 52.8

Manual Integrations
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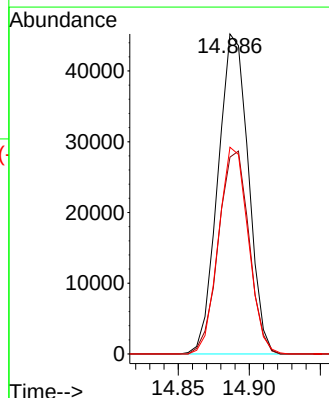
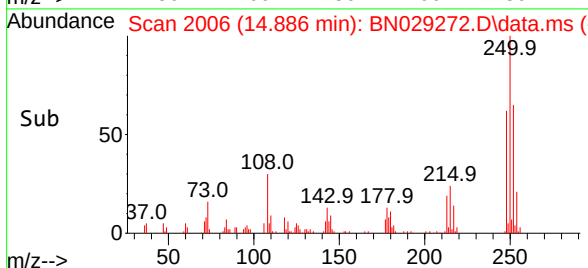
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

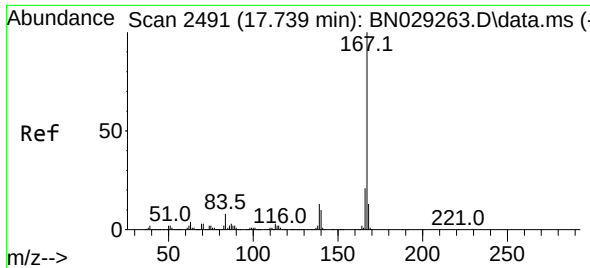


#76
Pentachlorobenzene
Concen: 4.507 ng/uL
RT: 14.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12



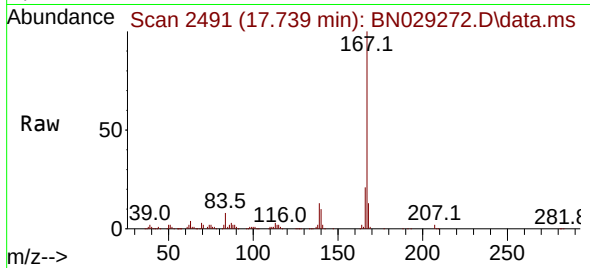
Tgt Ion:250 Resp: 67350
Ion Ratio Lower Upper
250 100
248 61.5 50.5 75.7
252 64.6 54.3 81.5





#77
 Carbazole
 Concen: 3.781 ng/ul
 RT: 17.739 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12

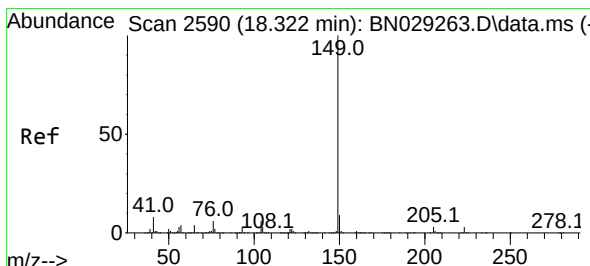
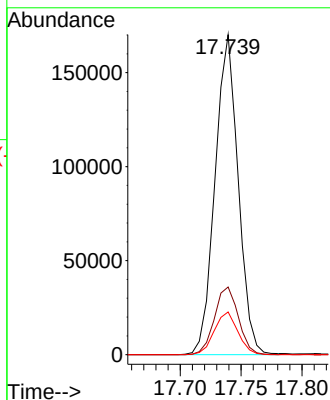
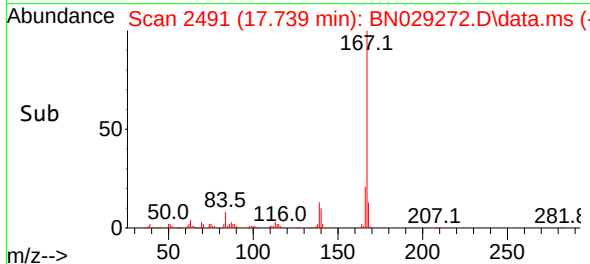
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2023-08



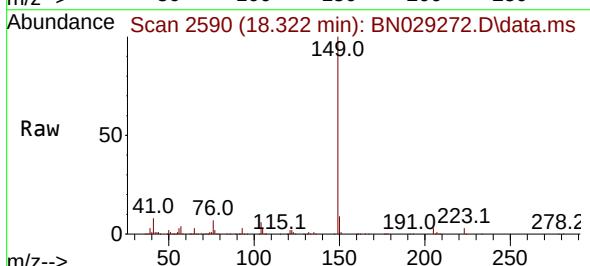
Tgt Ion:167 Resp: 224930
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.0 27.0
 139 13.3 10.8 16.2

Manual Integrations
 APPROVED

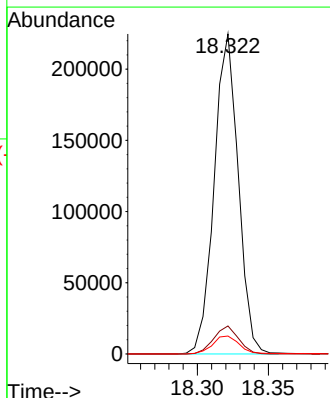
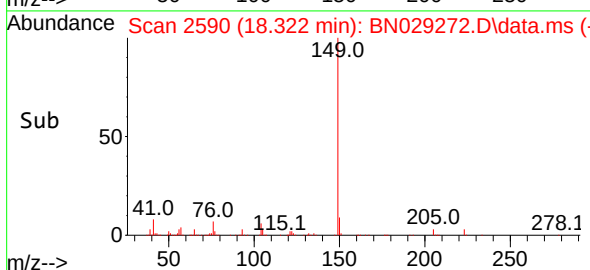
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

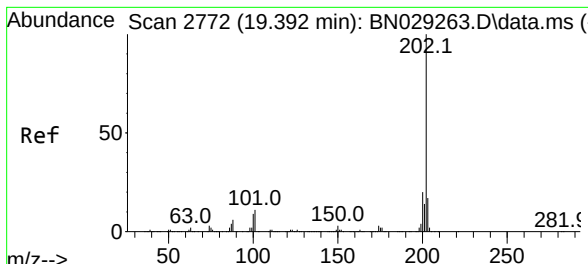


#78
 Di-n-butylphthalate
 Concen: 3.648 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12



Tgt Ion:149 Resp: 264666
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.1 10.7
 104 5.6 4.8 7.2



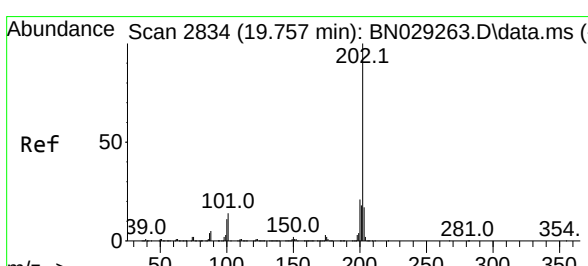
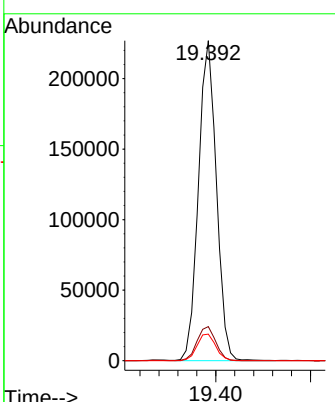
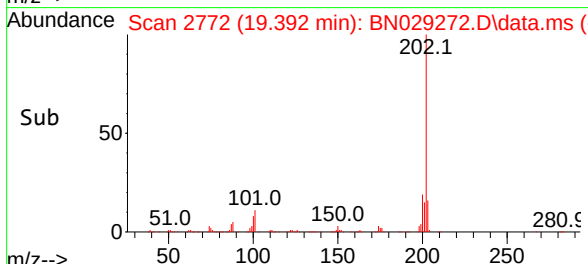
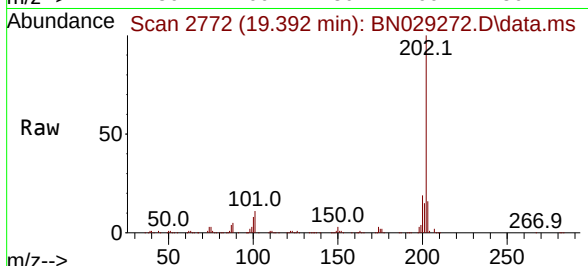


#80
 Fluoranthene
 Concen: 4.222 ng/u1
 RT: 19.392 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT4-2023-08

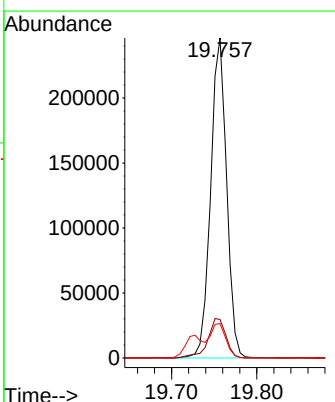
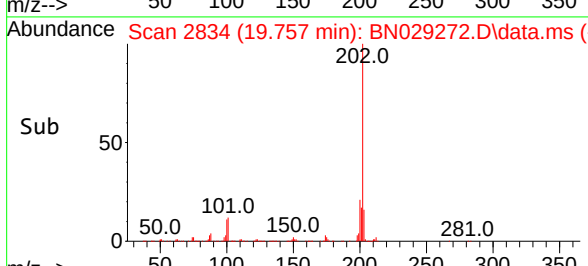
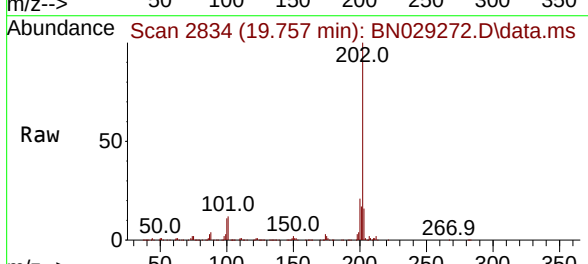
Tgt Ion:	202	Resp:	297974
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.3	13.9
100	8.3	7.0	10.6

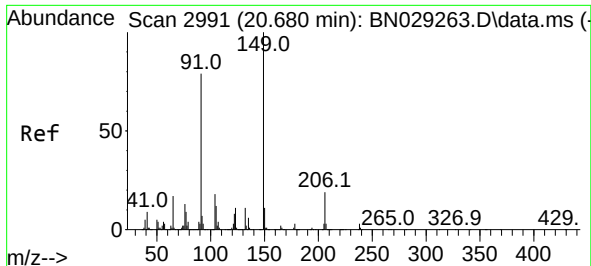
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#82
 Pyrene
 Concen: 4.269 ng/u1
 RT: 19.757 min Scan# 2834
 Delta R.T. 0.000 min
 Lab File: BN029272.D
 Acq: 17 Jan 2024 15:12

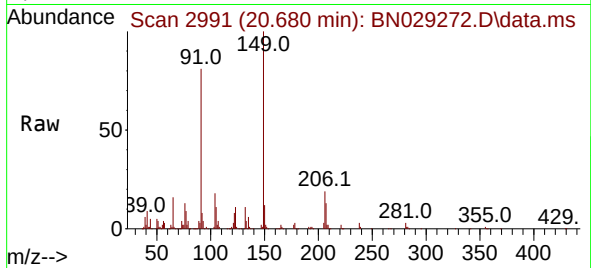
Tgt Ion:	202	Resp:	320028
Ion Ratio	Lower	Upper	
202	100		
101	12.0	10.3	15.5
100	10.8	8.9	13.3





#83
Butylbenzylphthalate
Concen: 3.488 ng/ul
RT: 20.680 min Scan# 2991
Delta R.T. 0.000 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

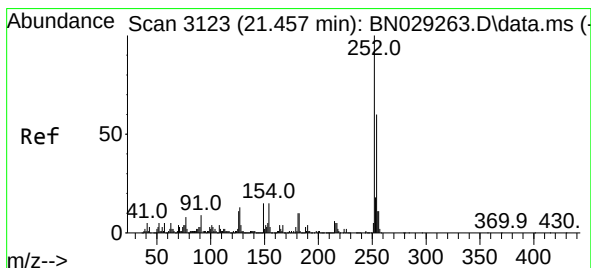
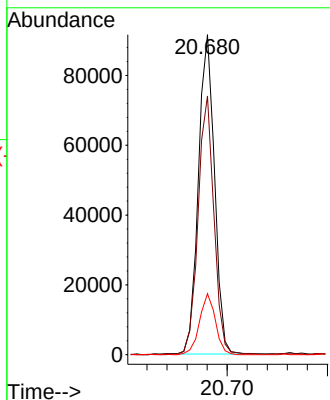
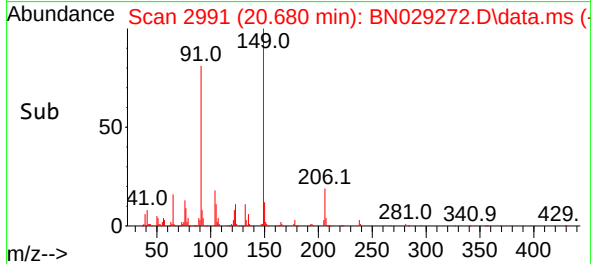
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



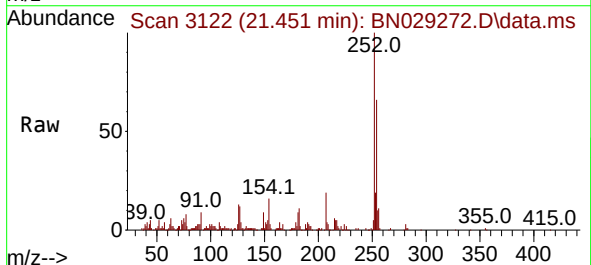
Tgt Ion:149 Resp: 102239
Ion Ratio Lower Upper
149 100
91 80.8 65.4 98.2
206 19.1 14.9 22.3

Manual Integrations
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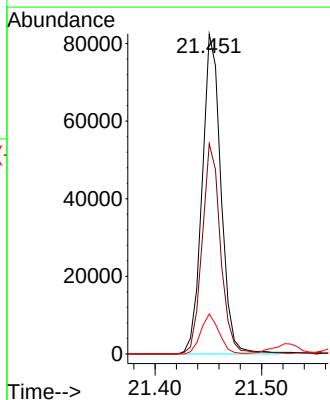
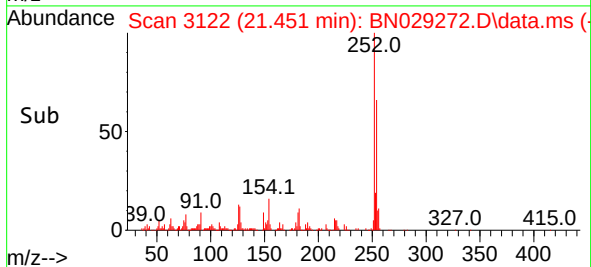
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

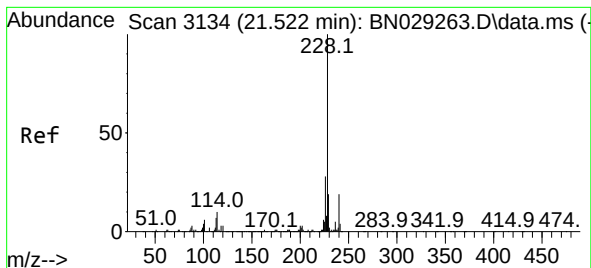


#84
3,3'-Dichlorobenzidine
Concen: 4.060 ng/ul
RT: 21.451 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12



Tgt Ion:252 Resp: 101251
Ion Ratio Lower Upper
252 100
254 65.7 50.7 76.1
126 12.5 8.6 12.8





#85

Benzo(a)anthracene

Concen: 4.227 ng/ul

RT: 21.510 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BN029272.D

Acq: 17 Jan 2024 15:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT4-2023-08

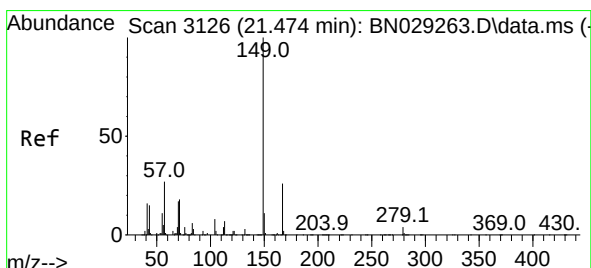
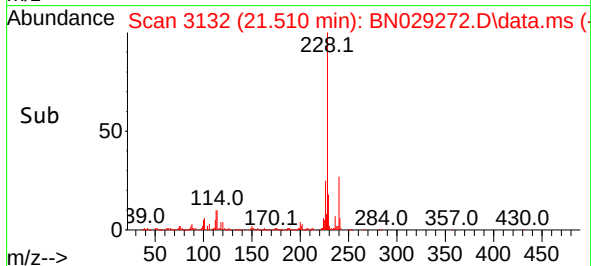
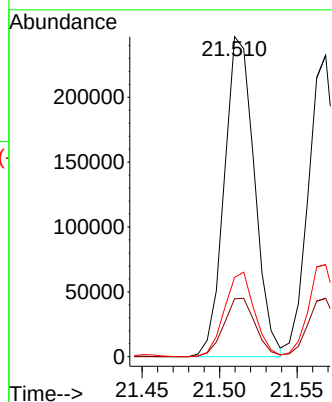
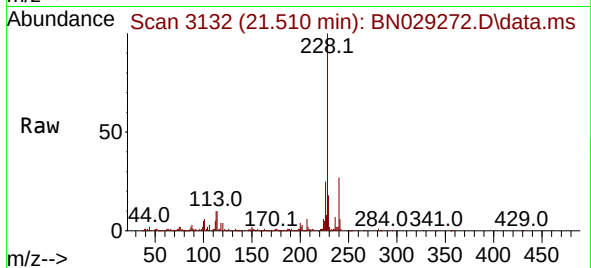
Tgt Ion:228 Resp: 334794

Ion	Ratio	Lower	Upper
228	100		
229	18.1	16.3	24.5
226	24.8	22.4	33.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.536 ng/ul

RT: 21.468 min Scan# 3125

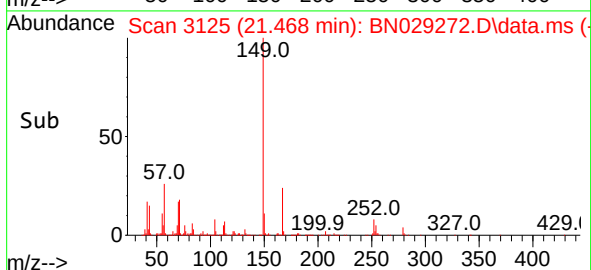
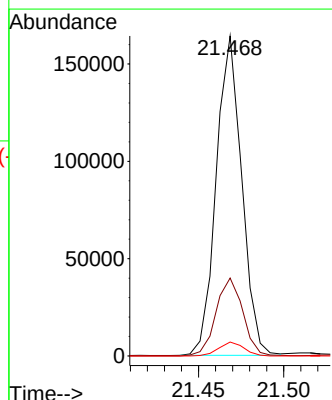
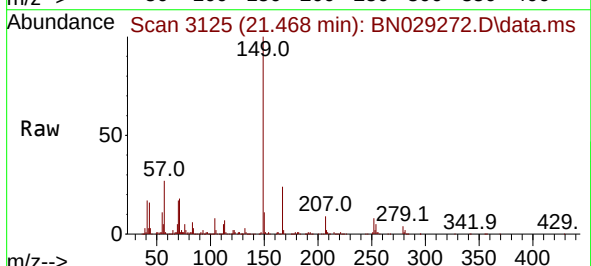
Delta R.T. -0.006 min

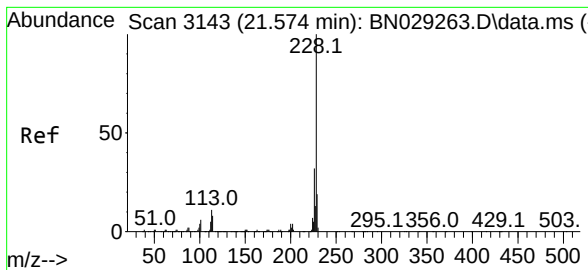
Lab File: BN029272.D

Acq: 17 Jan 2024 15:12

Tgt Ion:149 Resp: 171128

Ion	Ratio	Lower	Upper
149	100		
167	24.4	20.6	31.0
279	4.4	3.6	5.4





#87

Chrysene

Concen: 4.169 ng/ul

RT: 21.568 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BN029272.D

Acq: 17 Jan 2024 15:12

Instrument :

BNA_N

ClientSampleId :

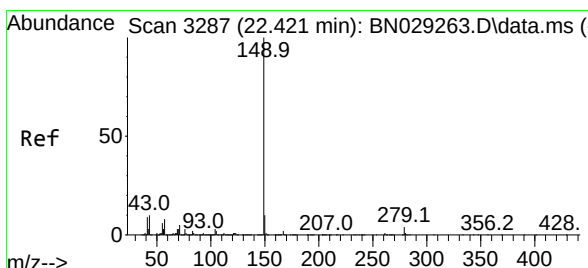
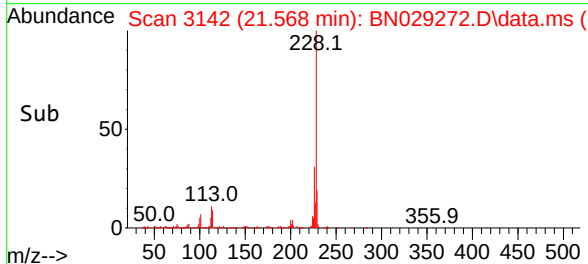
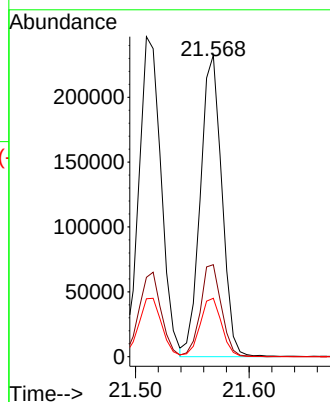
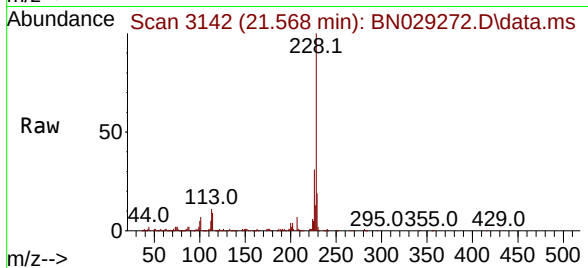
MDL-SOIL-QT4-2023-08

Tgt Ion:228 Resp: 305412
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 19.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#89

Di-n-octyl phthalate

Concen: 2.990 ng/ul

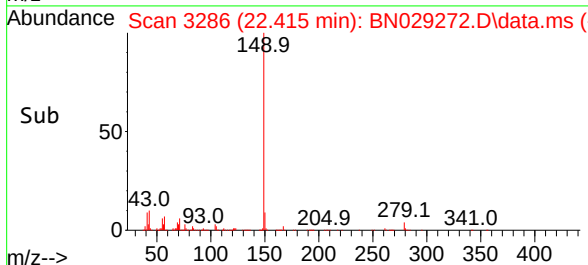
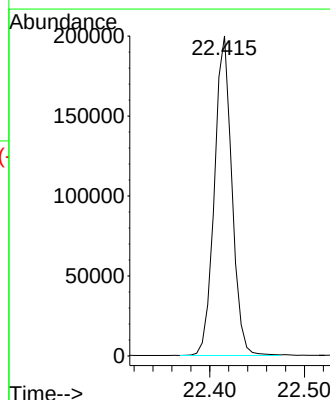
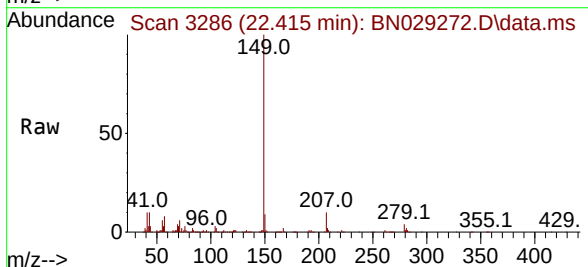
RT: 22.415 min Scan# 3286

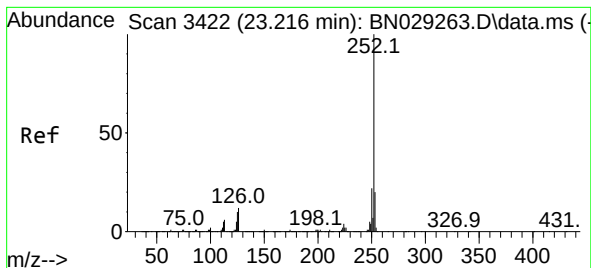
Delta R.T. -0.006 min

Lab File: BN029272.D

Acq: 17 Jan 2024 15:12

Tgt Ion:149 Resp: 256582





#90

Benzo(b)fluoranthene

Concen: 4.104 ng/ul

RT: 23.210 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BN029272.D

Acq: 17 Jan 2024 15:12

Instrument :

BNA_N

ClientSampleId :

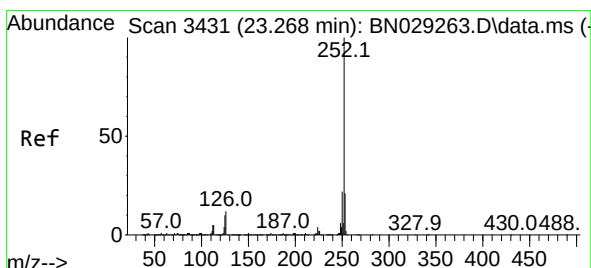
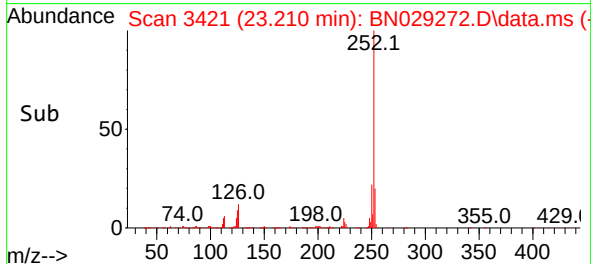
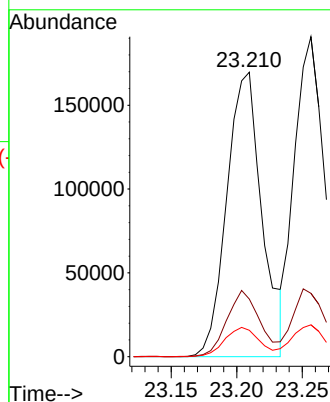
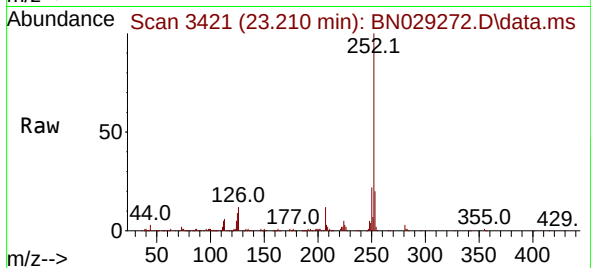
MDL-SOIL-QT4-2023-08

Tgt Ion:252 Resp: 316830
 Ion Ratio Lower Upper
 252 100
 253 20.2 16.9 25.3
 125 9.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#91

Benzo(k)fluoranthene

Concen: 4.111 ng/ul

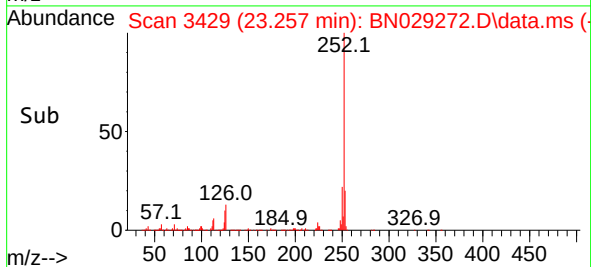
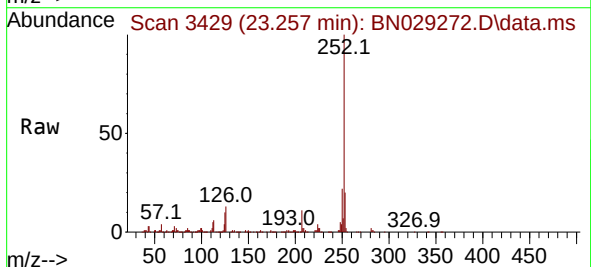
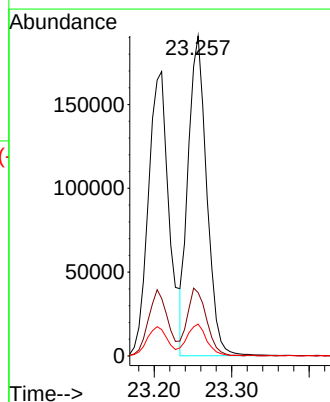
RT: 23.257 min Scan# 3429

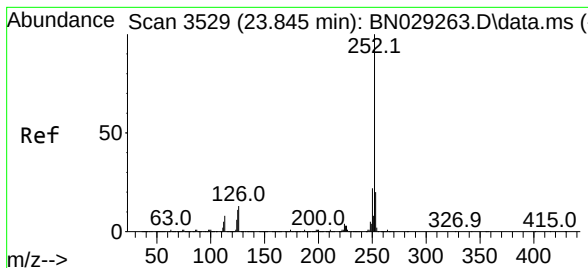
Delta R.T. -0.006 min

Lab File: BN029272.D

Acq: 17 Jan 2024 15:12

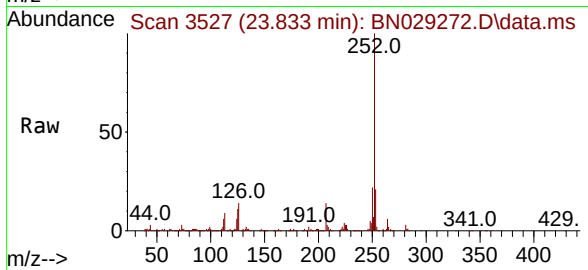
Tgt Ion:252 Resp: 316270
 Ion Ratio Lower Upper
 252 100
 253 19.8 18.2 27.2
 125 9.9 8.0 12.0





#93
Benzo(a)pyrene
Concen: 4.212 ng/ul
RT: 23.833 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12

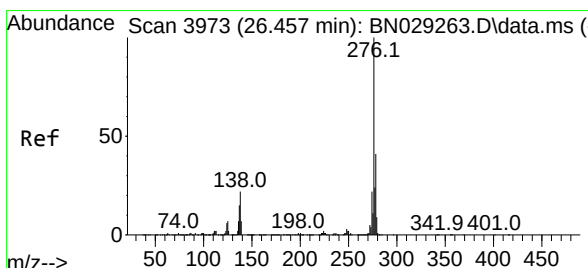
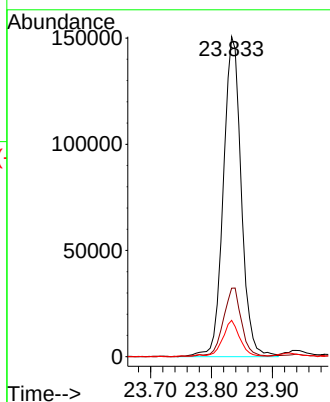
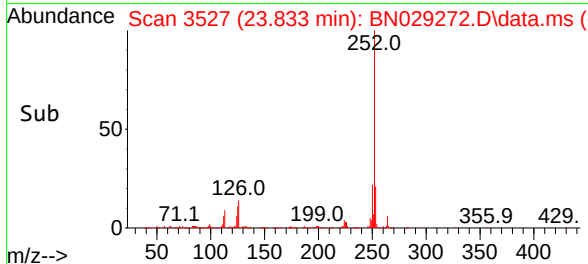
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08



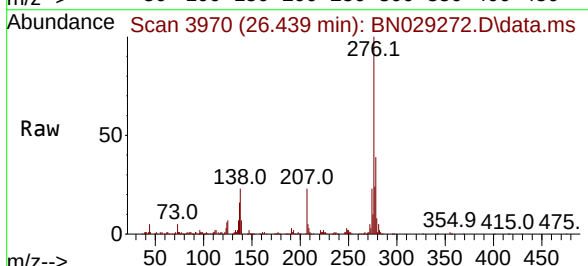
Tgt Ion:252 Resp: 30827
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 11.4 9.0 13.6

Manual Integrations
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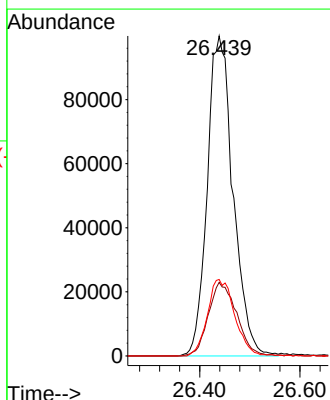
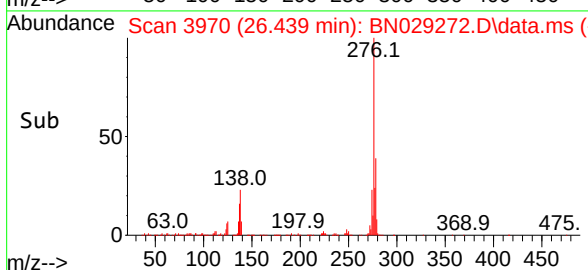
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

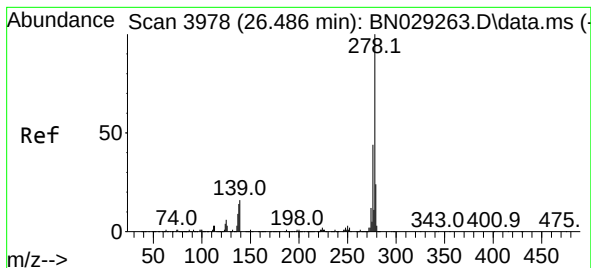


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.854 ng/ul
RT: 26.439 min Scan# 3970
Delta R.T. -0.012 min
Lab File: BN029272.D
Acq: 17 Jan 2024 15:12



Tgt Ion:276 Resp: 357021
Ion Ratio Lower Upper
276 100
138 23.0 17.2 25.8
277 23.9 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 3.918 ng/ul

RT: 26.462 min Scan# 3978

Delta R.T. -0.017 min

Lab File: BN029272.D

Acq: 17 Jan 2024 15:12

Instrument :

BNA_N

ClientSampleId :

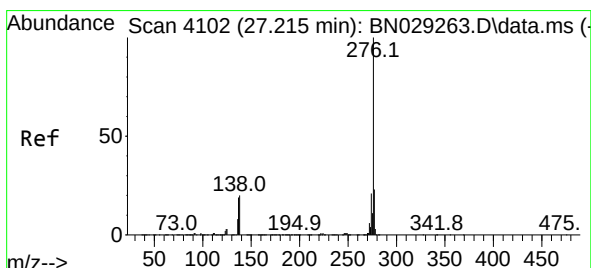
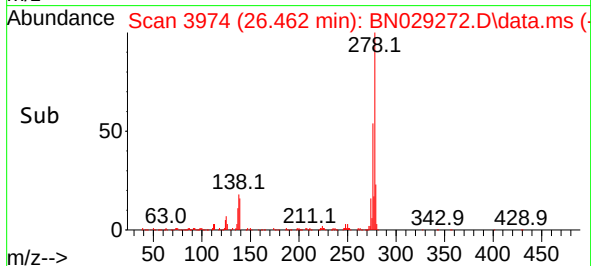
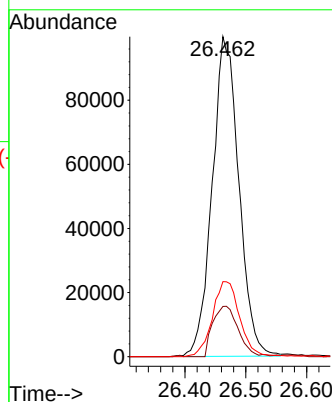
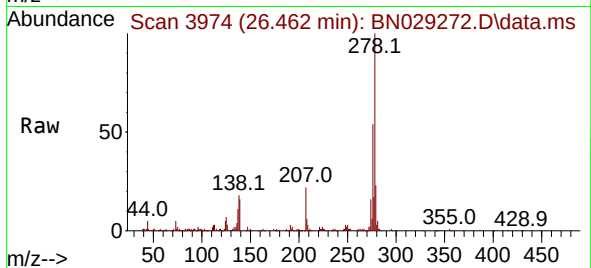
MDL-SOIL-QT4-2023-08

Tgt Ion:	278	Resp:	302664
Ion Ratio	Lower	Upper	
278	100		
139	15.7	12.0	18.0
279	23.5	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#96

Benzo(g,h,i)perylene

Concen: 3.794 ng/ul

RT: 27.203 min Scan# 4100

Delta R.T. -0.012 min

Lab File: BN029272.D

Acq: 17 Jan 2024 15:12

Tgt Ion:	276	Resp:	280643
Ion Ratio	Lower	Upper	
276	100		
138	19.1	15.8	23.6
277	22.9	17.0	25.6

