

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033857.D
 Acq On : 11 Sep 2024 11:50
 Operator : JU/RC
 Sample : P3391-03
 Misc : SFAM-MDL-Q3-WATER-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2024-05

Quant Time: Sep 11 12:59:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	171825	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	758247	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.140	164	509000	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	1112382	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	1136522	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1271238	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	20804	4.941	ng/uL	0.00
4) Pyridine-d5	3.499	84	294773	23.552	ng/u1	0.00
7) Phenol-d5	6.687	99	356011	23.346	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	224641	23.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.034	132	275927	22.987	ng/u1	0.00
15) 4-Methylphenol-d8	8.205	113	265441	21.155	ng/u1	0.00
21) Nitrobenzene-d5	8.640	128	145694	24.107	ng/u1	0.00
24) 2-Nitrophenol-d4	9.352	143	147134	23.675	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	259741	22.192	ng/u1	0.00
31) 4-Chloroaniline-d4	10.399	131	382435	21.583	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	868795	22.839	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	961629	22.471	ng/u1	0.00
54) 4-Nitrophenol-d4	14.357	143	169328	21.690	ng/u1	0.00
60) Fluorene-d10	15.140	176	745562	23.127	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	124143	18.718	ng/u1	0.00
73) Anthracene-d10	16.992	188	1006544	19.246	ng/u1	0.00
81) Pyrene-d10	19.298	212	1369064	21.620	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	1509748	23.120	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	5059	1.139	ng/uL#	82
5) Pyridine	3.517	79	55379	4.324	ng/u1#	54
6) Benzaldehyde	6.652	77	43129	5.358	ng/u1	95
8) Phenol	6.711	94	65143	4.103	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.934	93	55080	4.464	ng/u1	94
12) 2-Chlorophenol	7.069	128	51680	4.201	ng/u1	98
13) 2-Methylphenol	7.946	108	42669	3.596	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.022	45	85175	4.680	ng/u1	98
16) Acetophenone	8.310	105	87742	4.414	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.299	70	43071	4.376	ng/u1	98
18) 4-Methylphenol	8.263	108	51036	3.864	ng/u1	98
19) Hexachloroethane	8.558	117	22885	4.411	ng/u1	95
22) Nitrobenzene	8.675	77	67194	4.442	ng/u1	99
23) Isophorone	9.205	82	119329	4.278	ng/u1	99
25) 2-Nitrophenol	9.381	139	28575	4.108	ng/u1	98
26) 2,4-Dimethylphenol	9.457	107	22564	1.577	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.693	93	77008	4.487	ng/u1	99
29) 2,4-Dichlorophenol	9.910	162	49415	4.170	ng/u1	96
30) Naphthalene	10.305	128	183712	4.429	ng/u1	99
32) 4-Chloroaniline	10.422	127	69056	3.955	ng/u1	99
33) Hexachlorobutadiene	10.599	225	32286	4.247	ng/u1	96
34) Caprolactam	11.222	113	16430m	3.482	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	54427	3.901	ng/u1	98
36) 2-Methylnaphthalene	11.928	142	123148	4.311	ng/u1	99

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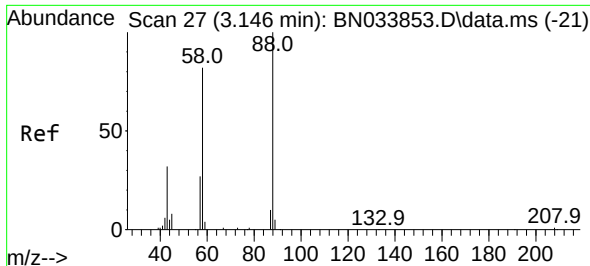
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 Quant Title : SVOA CALIBRATION
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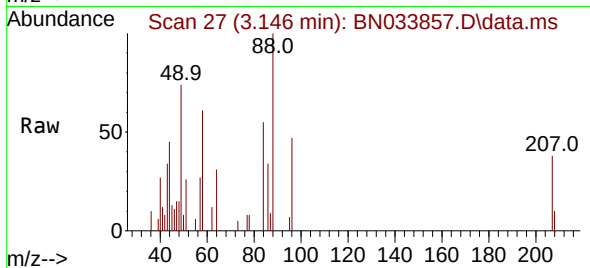
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	125505	4.340	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.304	216	61878	4.211	ng/ul	99
40) Hexachlorocyclopentadiene	12.293	237	42661	4.718	ng/ul	97
41) 2,4,6-Trichlorophenol	12.557	196	35091	3.602	ng/ul	94
42) 2,4,5-Trichlorophenol	12.628	196	40225	3.759	ng/ul	96
43) 1,1'-Biphenyl	12.963	154	162354	4.231	ng/ul	99
44) 2-Chloronaphthalene	12.998	162	126971	4.247	ng/ul	98
45) 2-Nitroaniline	13.216	65	34334	3.554	ng/ul	96
47) Dimethylphthalate	13.610	163	167678	4.325	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	27406	3.590	ng/ul	93
50) Acenaphthylene	13.857	152	207684	4.435	ng/ul	99
51) 3-Nitroaniline	14.051	138	29580	3.506	ng/ul#	93
52) Acenaphthene	14.204	153	142223	4.254	ng/ul	99
53) 2,4-Dinitrophenol	14.257	184	24098	5.367	ng/ul	93
55) 4-Nitrophenol	14.369	109	29610	4.466	ng/ul	84
56) Dibenzofuran	14.540	168	196021	4.288	ng/ul	96
57) 2,4-Dinitrotoluene	14.516	165	44357	3.854	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.775	232	34342	3.868	ng/ul	99
59) Diethylphthalate	14.992	149	168481	4.159	ng/ul	99
61) Fluorene	15.198	166	162873	4.355	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.198	204	78669	4.340	ng/ul	92
63) 4-Nitroaniline	15.216	138	30896	3.559	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.281	198	27732	3.765	ng/ul#	82
67) N-Nitrosodiphenylamine	15.416	169	133782	4.013	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	45923	4.066	ng/ul	97
69) Hexachlorobenzene	16.198	284	54246	4.138	ng/ul	97
70) Atrazine	16.381	200	47374	3.923	ng/ul	97
71) Pentachlorophenol	16.551	266	52538	6.017	ng/ul	98
72) Phenanthrene	16.934	178	259771	4.235	ng/ul	98
74) Anthracene	17.028	178	226957	3.624	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	58509	3.779	ng/uL	97
76) Pentachlorobenzene	14.463	250	65665	4.166	ng/uL	96
77) Carbazole	17.298	167	234389	4.066	ng/ul	99
78) Di-n-butylphthalate	17.886	149	287434	3.922	ng/ul	100
80) Fluoranthene	18.963	202	302987	4.093	ng/ul	99
82) Pyrene	19.328	202	324282	4.075	ng/ul	97
83) Butylbenzylphthalate	20.263	149	131381	3.681	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.051	252	87925	3.444	ng/ul	95
85) Benzo(a)anthracene	21.116	228	332009	4.097	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.075	149	197098	3.773	ng/ul	99
87) Chrysene	21.169	228	316212	4.090	ng/ul	97
89) Di-n-octyl phthalate	22.139	149	314890	3.723	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	335603	4.330	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	343066	4.487	ng/ul	99
93) Benzo(a)pyrene	23.780	252	321159	4.386	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.992	276	389009	4.288	ng/ul	98
95) Dibenzo(a,h)anthracene	27.051	278	324039	4.419	ng/ul	98
96) Benzo(g,h,i)perylene	27.951	276	316969	4.501	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.139 ng/uL
RT: 3.146 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

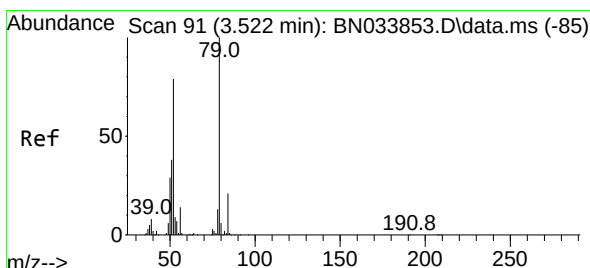
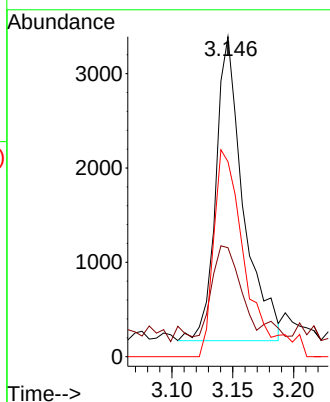
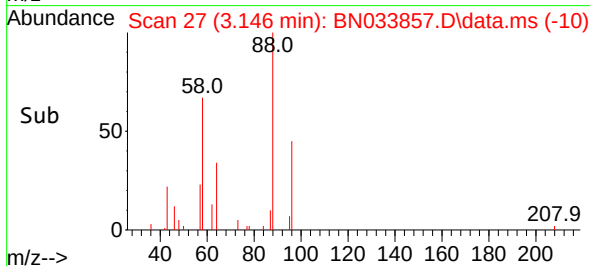
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 88 Resp: 5059
Ion Ratio Lower Upper
88 100
43 34.1 24.7 37.1
58 60.9 64.6 96.8

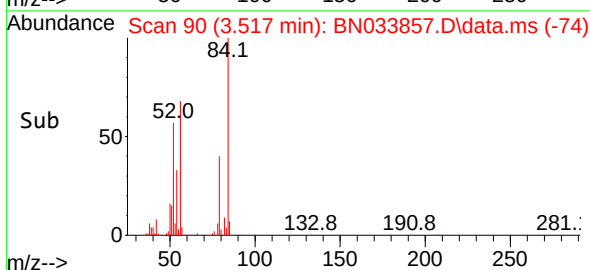
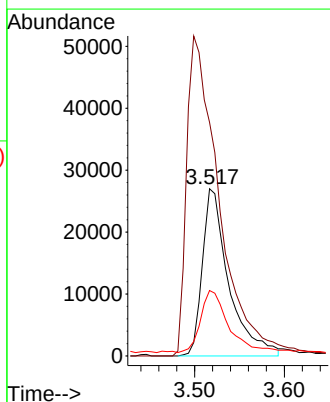
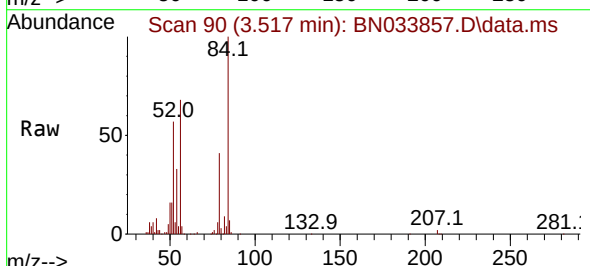
Manual Integrations
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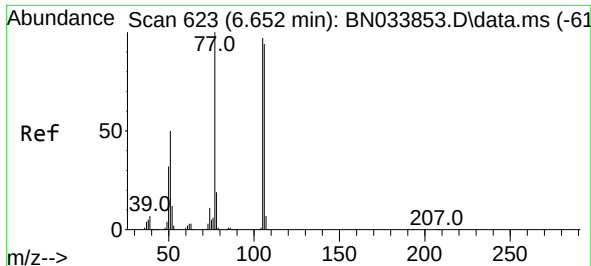
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#5
Pyridine
Concen: 4.324 ng/uL
RT: 3.517 min Scan# 90
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

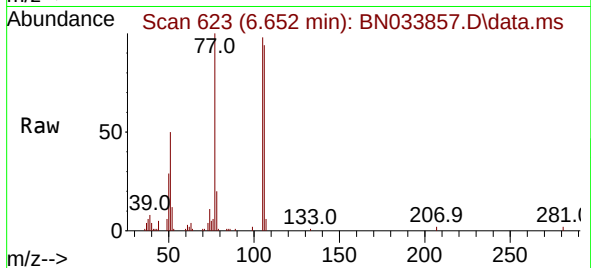
Tgt Ion: 79 Resp: 55379
Ion Ratio Lower Upper
79 100
52 139.7 65.2 97.8#
51 39.1 29.7 44.5





#6
Benzaldehyde
Concen: 5.358 ng/ul
RT: 6.652 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

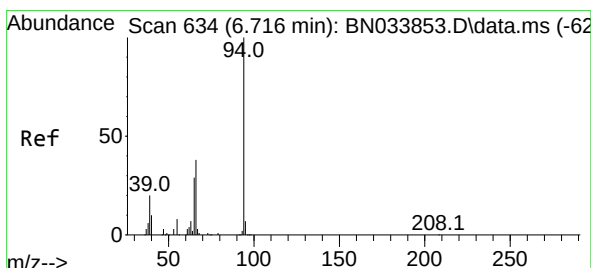
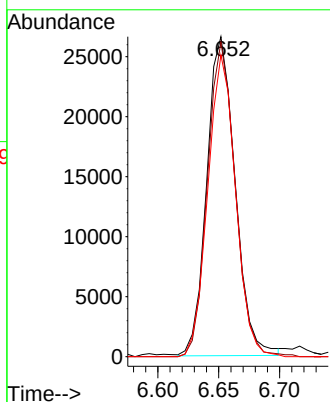
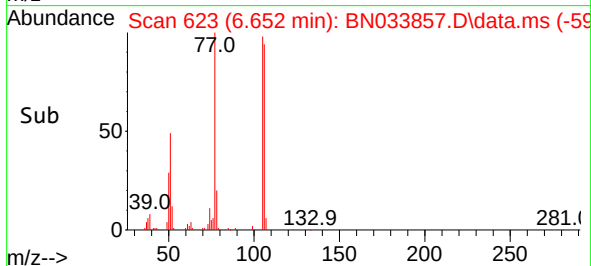
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 77 Resp: 43129
Ion Ratio Lower Upper
77 100
105 98.3 76.4 114.6
106 94.3 69.8 104.6

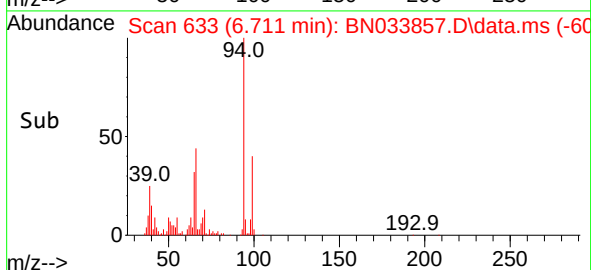
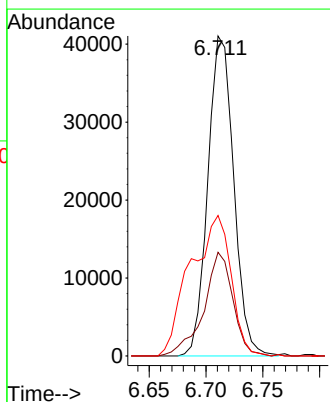
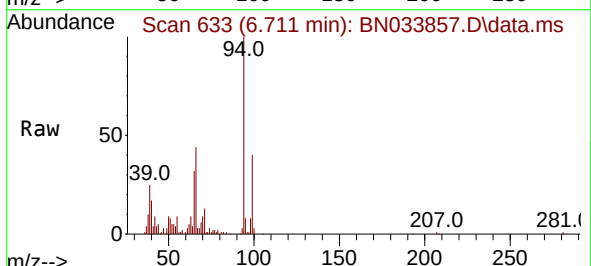
Manual Integrations
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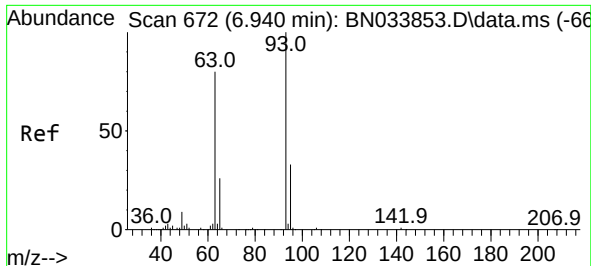
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#8
Phenol
Concen: 4.103 ng/ul
RT: 6.711 min Scan# 633
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

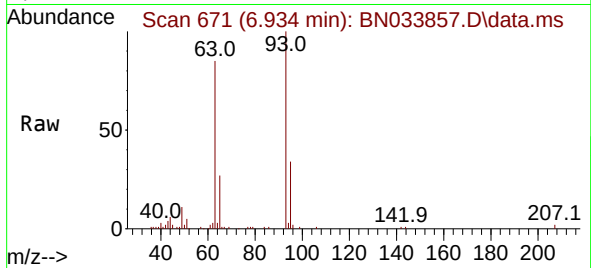
Tgt Ion: 94 Resp: 65143
Ion Ratio Lower Upper
94 100
65 32.4 24.3 36.5
66 43.9 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.464 ng/ul
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

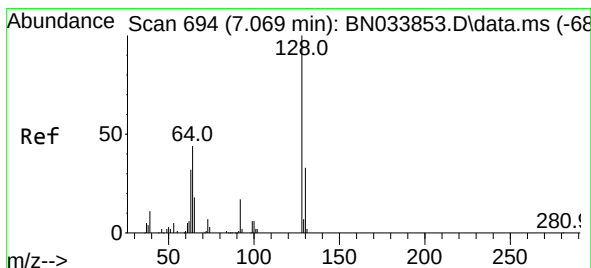
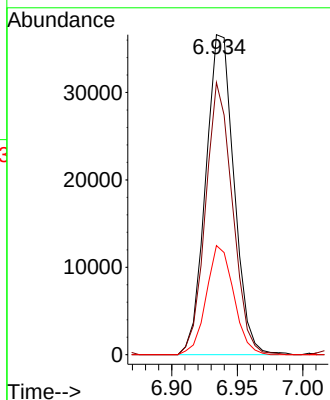
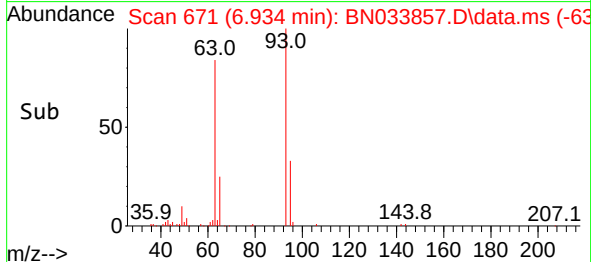
Instrument :
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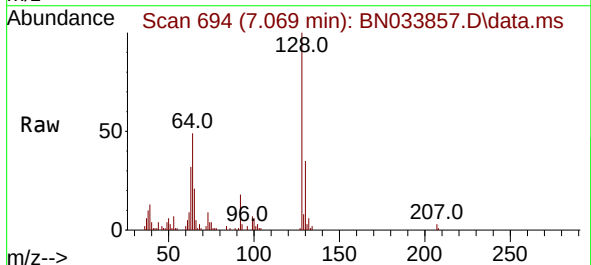
Tgt Ion: 93 Resp: 55080
Ion Ratio Lower Upper
93 100
63 85.0 63.6 95.4
95 34.1 25.7 38.5

Manual Integrations
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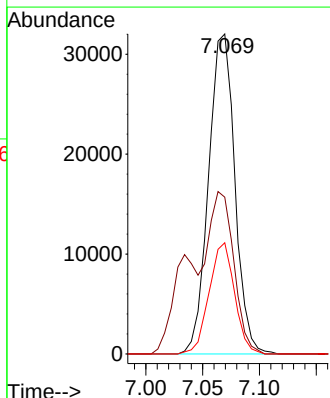
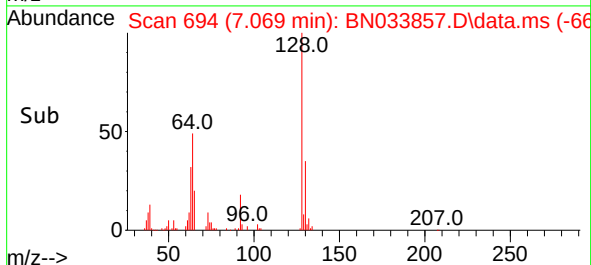
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Supervised By :mohammad ahmed 09/13/2024

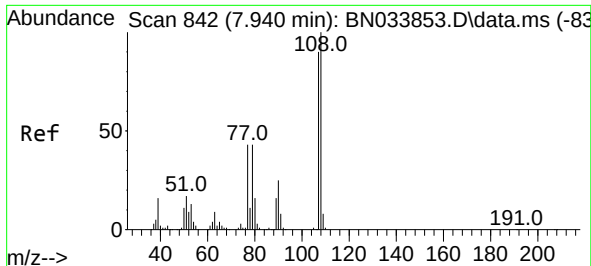


#12
2-Chlorophenol
Concen: 4.201 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



Tgt Ion:128 Resp: 51680
Ion Ratio Lower Upper
128 100
64 49.0 39.1 58.7
130 34.8 25.8 38.6





#13

2-Methylphenol

Concen: 3.596 ng/ul

RT: 7.946 min Scan# 842

Delta R.T. 0.000 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2024-05

Tgt Ion:108 Resp: 4266

Ion Ratio Lower Upper

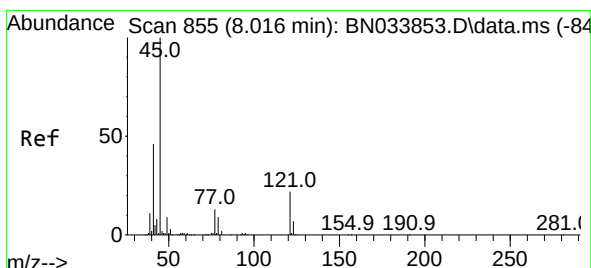
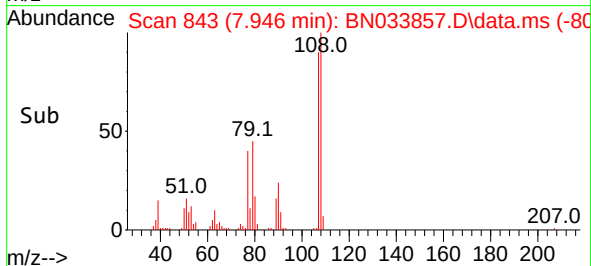
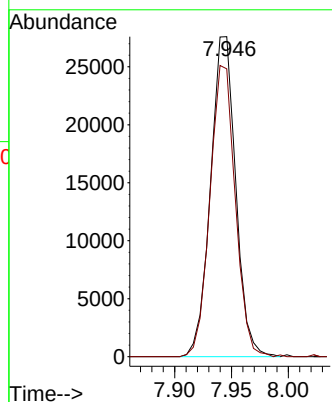
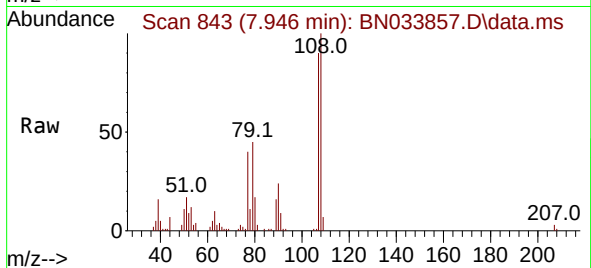
108 100

107 89.9 71.9 107.9

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.680 ng/ul

RT: 8.022 min Scan# 856

Delta R.T. 0.000 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

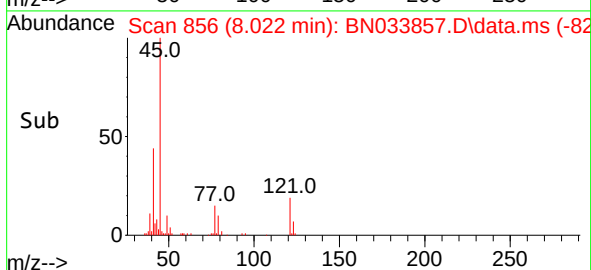
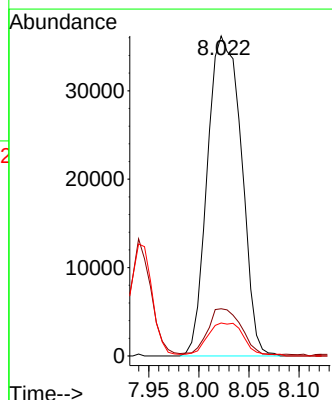
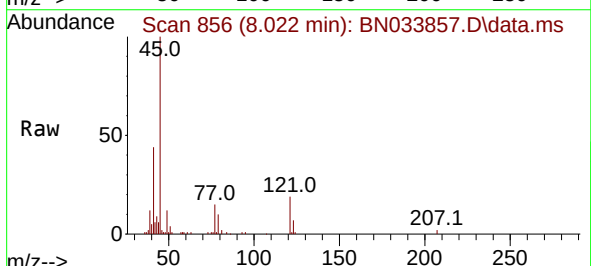
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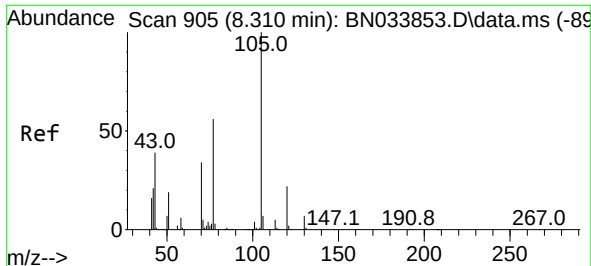
Ion Ratio Lower Upper

45 100

77 14.7 11.0 16.6

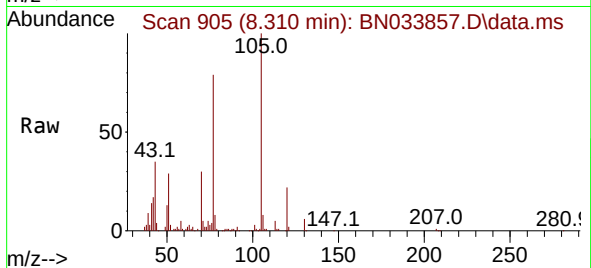
79 10.3 7.8 11.8





#16
Acetophenone
Concen: 4.414 ng/ul
RT: 8.310 min Scan# 905
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

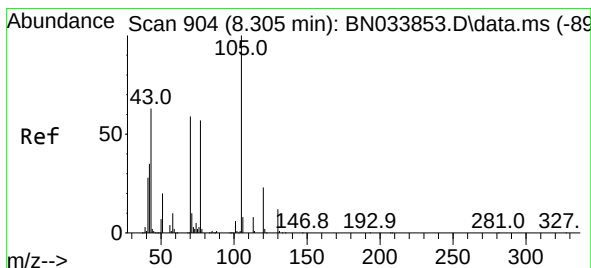
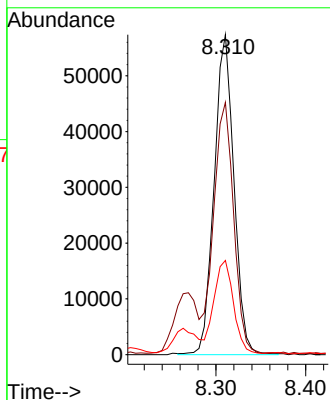
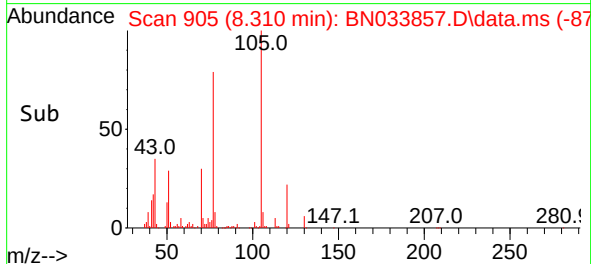
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 105 Resp: 8774
Ion Ratio Lower Upper
105 100
77 78.8 61.1 91.7
51 29.4 22.6 33.8

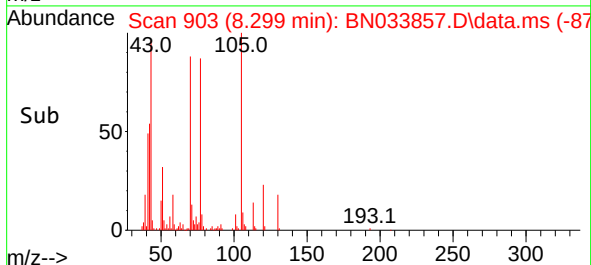
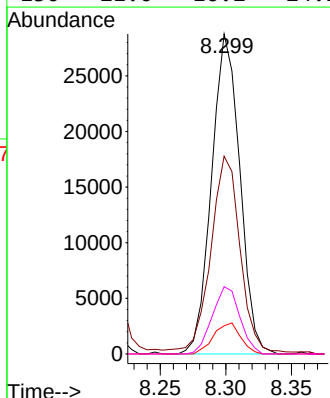
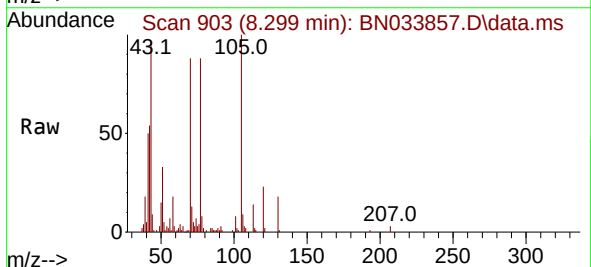
Manual Integrations
APPROVED

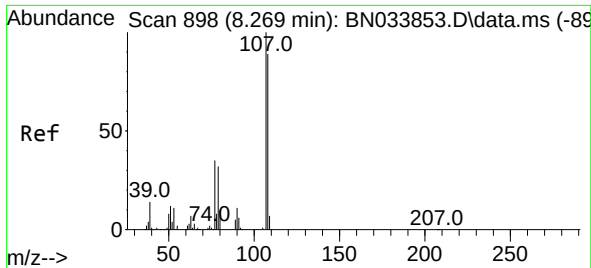
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.376 ng/ul
RT: 8.299 min Scan# 903
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

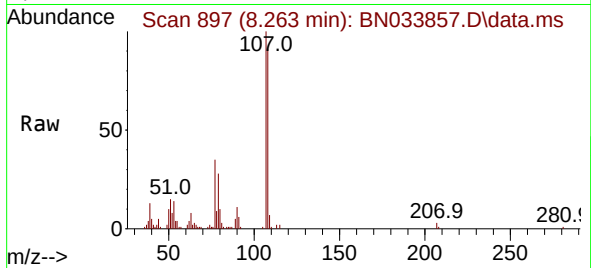
Tgt Ion: 70 Resp: 43071
Ion Ratio Lower Upper
70 100
42 61.8 47.9 71.9
101 8.8 7.5 11.3
130 21.0 16.2 24.2





#18
4-Methylphenol
Concen: 3.864 ng/ul
RT: 8.263 min Scan# 897
Delta R.T. -0.012 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

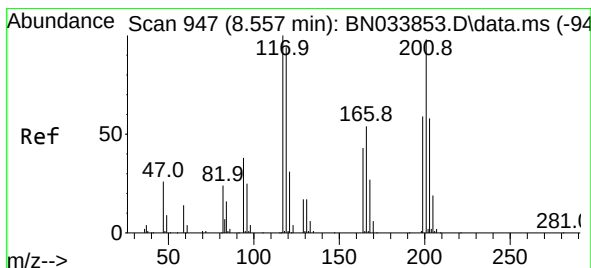
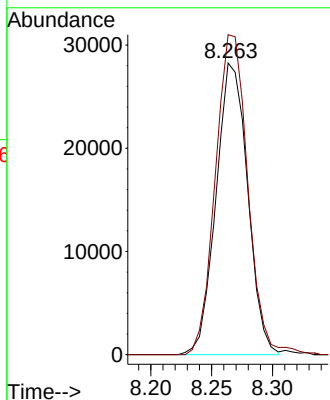
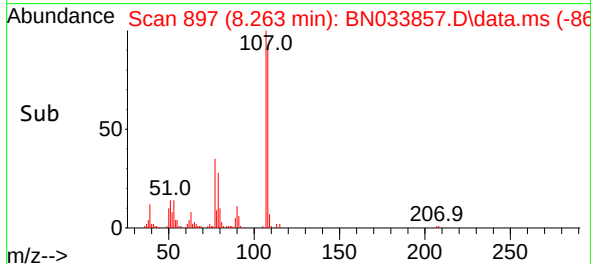
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:108 Resp: 51030
Ion Ratio Lower Upper
108 100
107 109.7 89.4 134.2

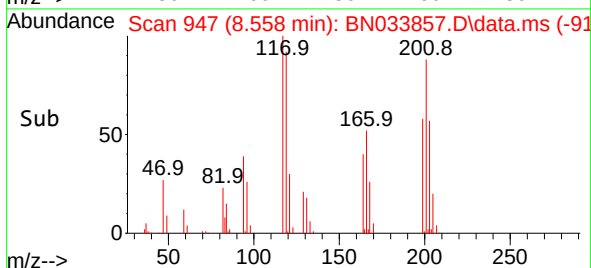
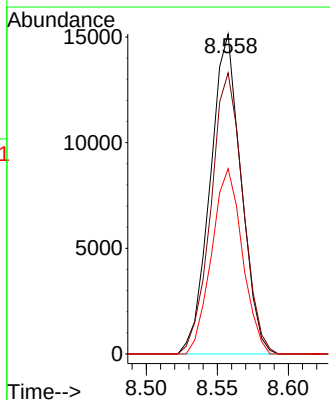
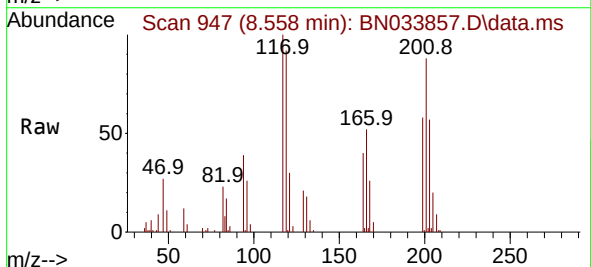
Manual Integrations
APPROVED

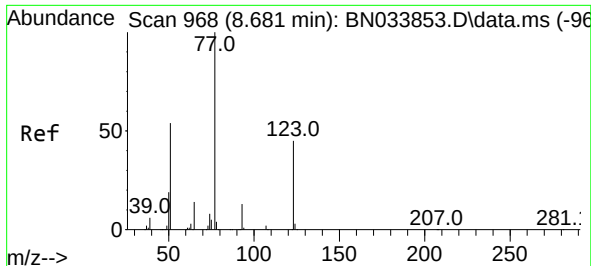
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#19
Hexachloroethane
Concen: 4.411 ng/ul
RT: 8.558 min Scan# 947
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

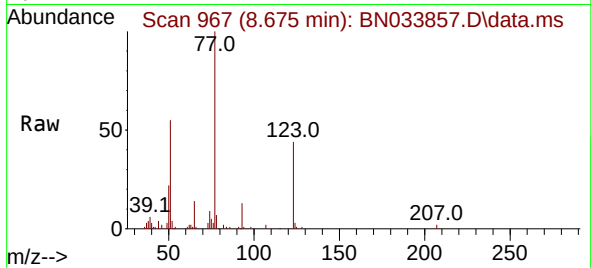
Tgt Ion:117 Resp: 22885
Ion Ratio Lower Upper
117 100
201 87.9 73.9 110.9
199 58.9 44.0 66.0





#22
Nitrobenzene
Concen: 4.442 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

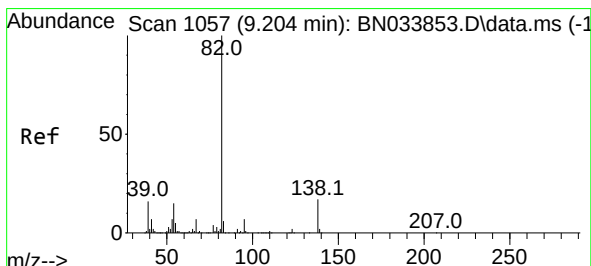
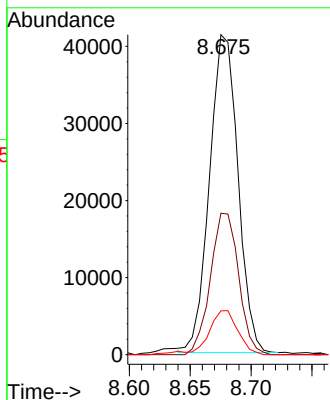
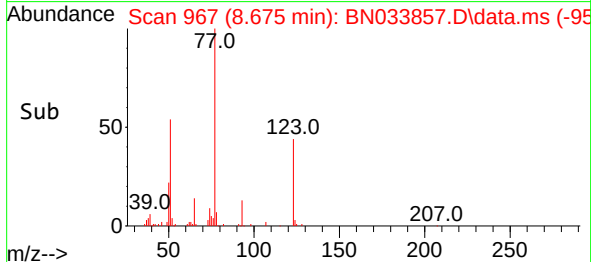
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 77 Resp: 67194
Ion Ratio Lower Upper
77 100
123 44.2 34.5 51.7
65 13.7 11.0 16.6

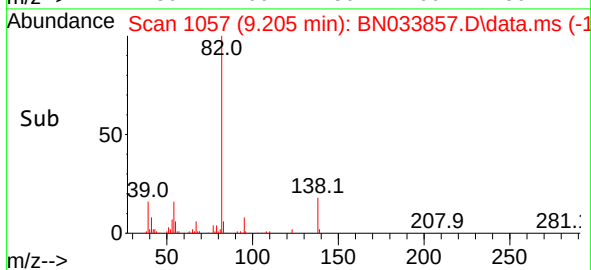
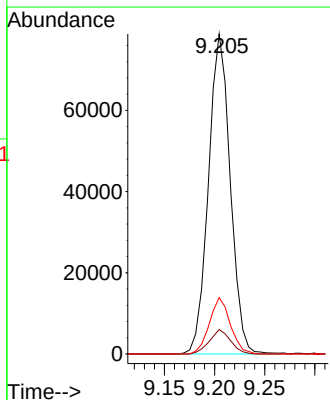
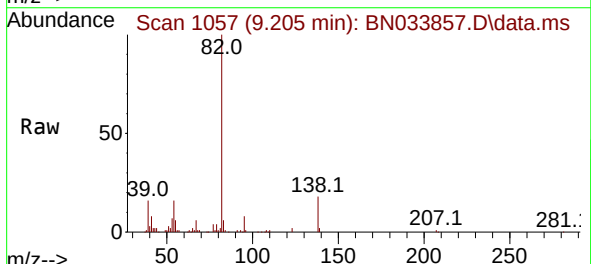
Manual Integrations
APPROVED

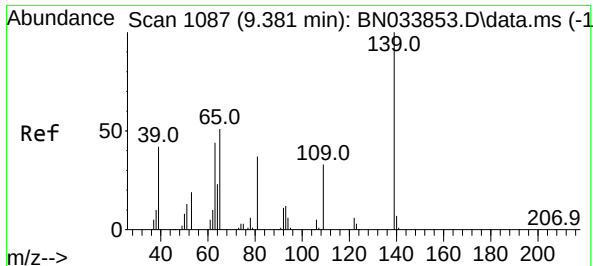
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#23
Isophorone
Concen: 4.278 ng/ul
RT: 9.205 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

Tgt Ion: 82 Resp: 119329
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.6 13.4 20.0





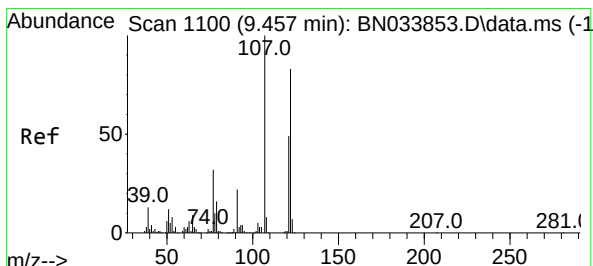
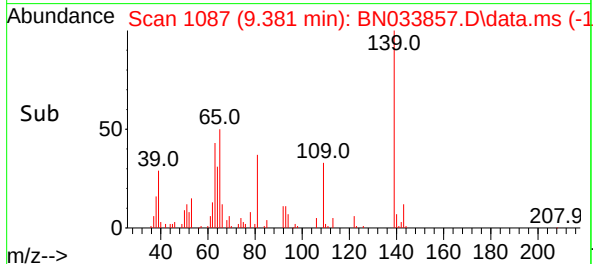
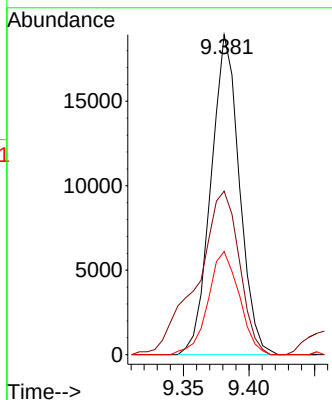
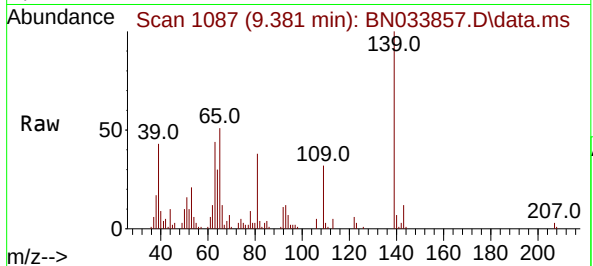
#25
2-Nitrophenol
Concen: 4.108 ng/ul
RT: 9.381 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05

Tgt Ion	Ratio	Lower	Upper
139	100		
65	51.1	42.0	63.0
109	32.3	26.5	39.7

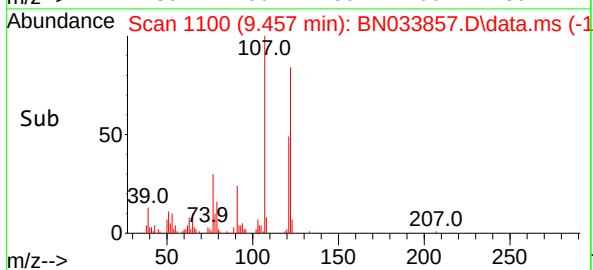
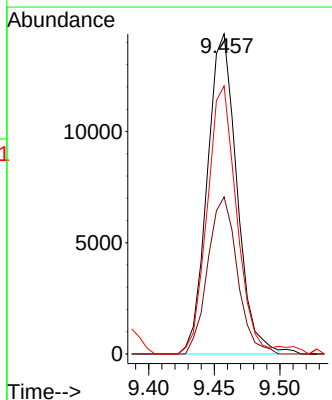
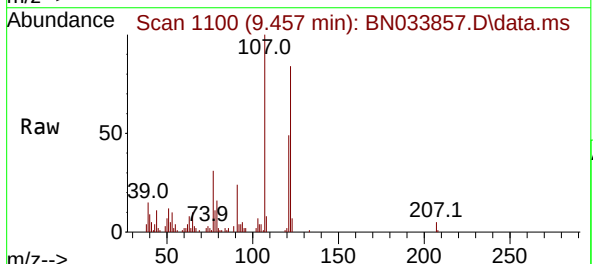
Manual Integrations
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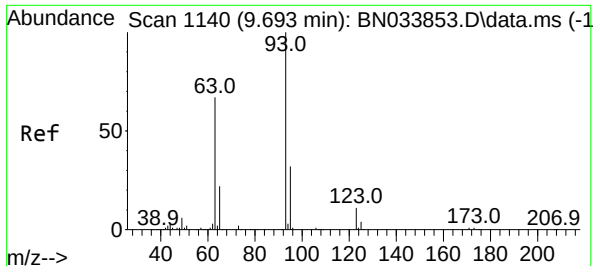
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#26
2,4-Dimethylphenol
Concen: 1.577 ng/ul
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.1	38.4	57.6
122	83.7	62.9	94.3





#27

Bis(2-Chloroethoxy)methane

Concen: 4.487 ng/ul

RT: 9.693 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

Instrument :

BNA_N

ClientSampleId :

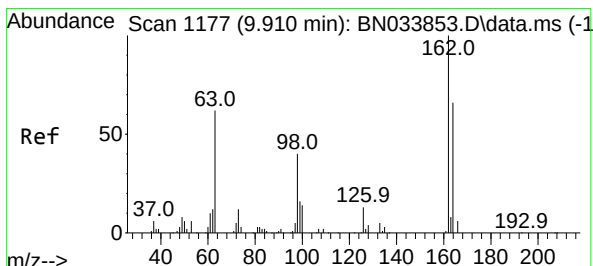
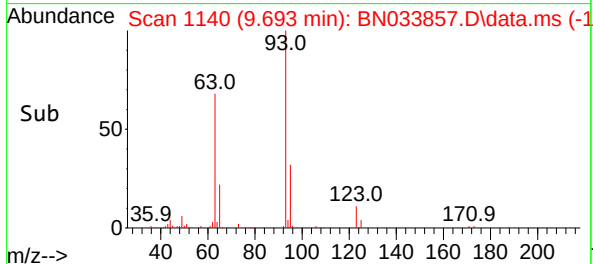
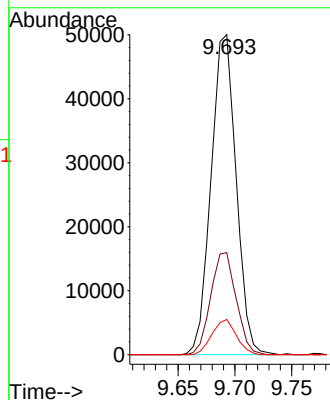
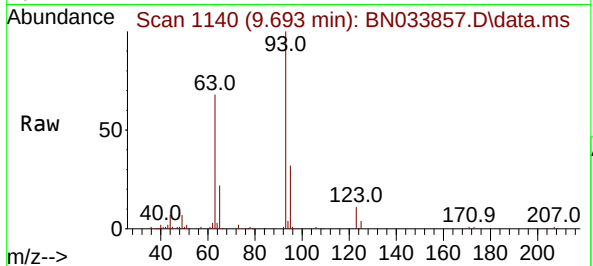
MDL-SOIL-QT3-2024-05

Tgt Ion: 93	Resp: 77000
Ion Ratio	Lower Upper
93 100	
95 31.9	24.9 37.3
123 11.0	8.8 13.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#29

2,4-Dichlorophenol

Concen: 4.170 ng/ul

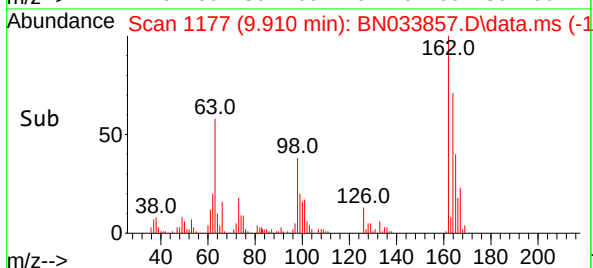
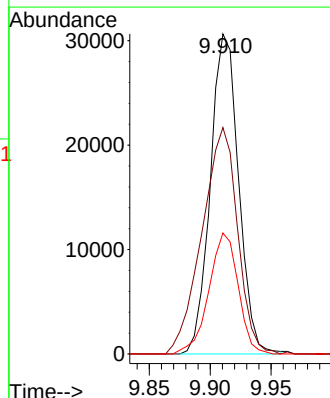
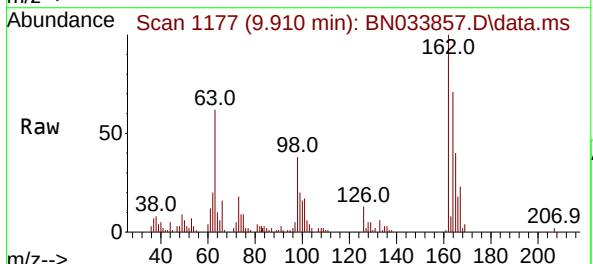
RT: 9.910 min Scan# 1177

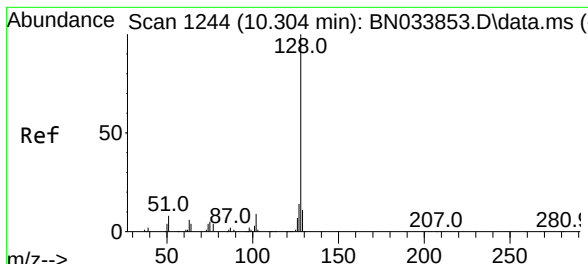
Delta R.T. -0.006 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

Tgt Ion:162	Resp: 49415
Ion Ratio	Lower Upper
162 100	
164 70.7	53.0 79.6
98 37.8	30.6 46.0





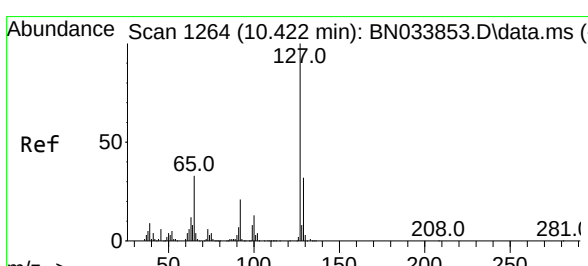
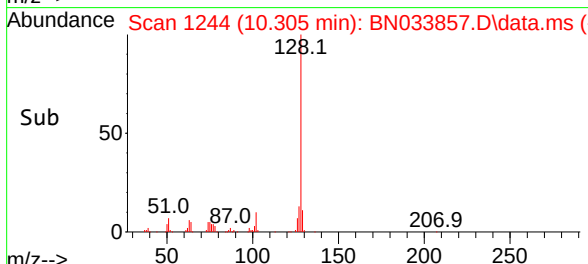
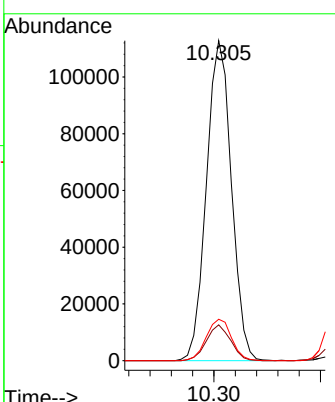
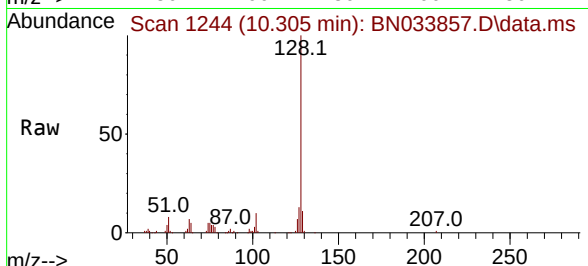
#30
Naphthalene
Concen: 4.429 ng/ul
RT: 10.305 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05

Tgt Ion:	128	Resp:	18371
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.7	13.1
127	13.0	10.6	16.0

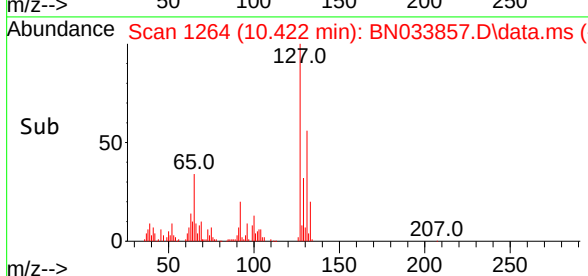
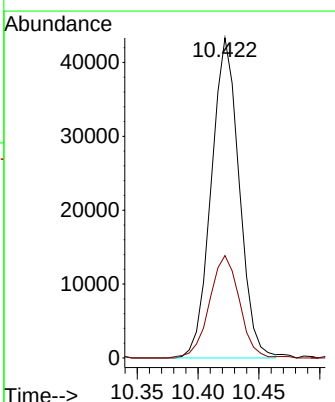
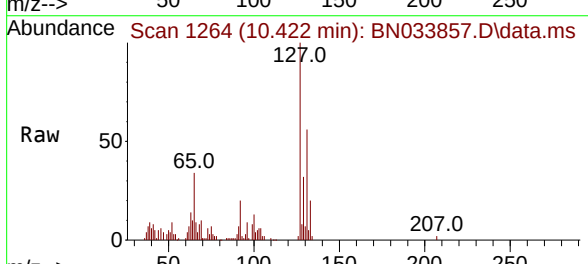
Manual Integrations
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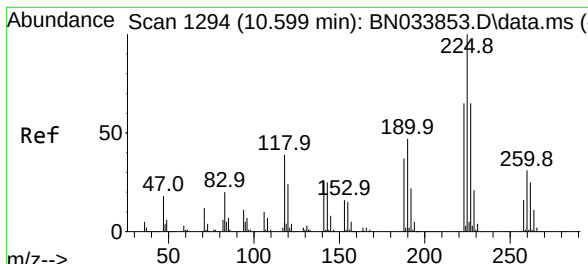
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#32
4-Chloroaniline
Concen: 3.955 ng/ul
RT: 10.422 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

Tgt Ion:	127	Resp:	69056
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.2	39.2



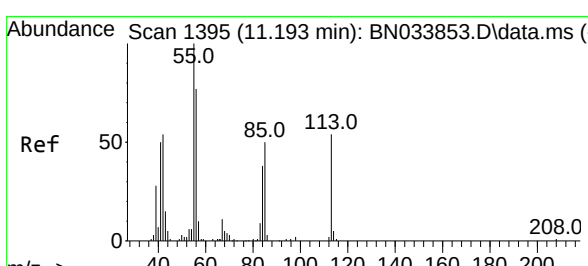
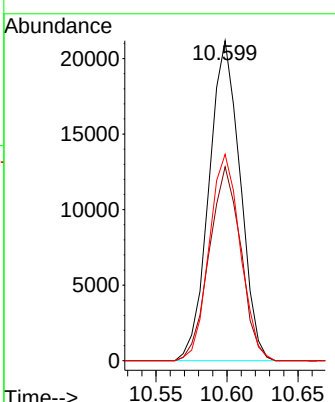
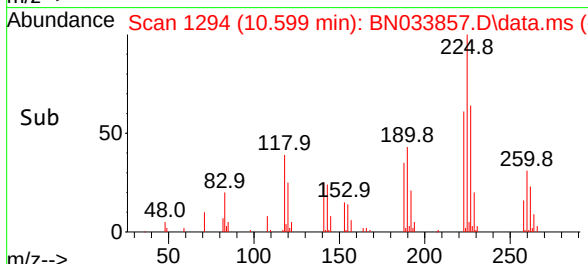
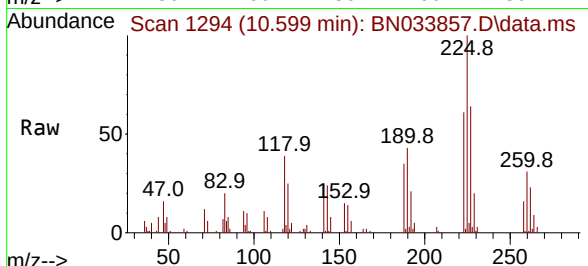


#33
Hexachlorobutadiene
Concen: 4.247 ng/ul
RT: 10.599 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05

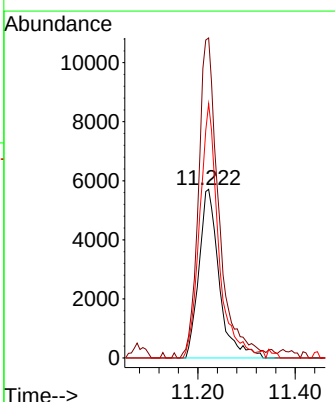
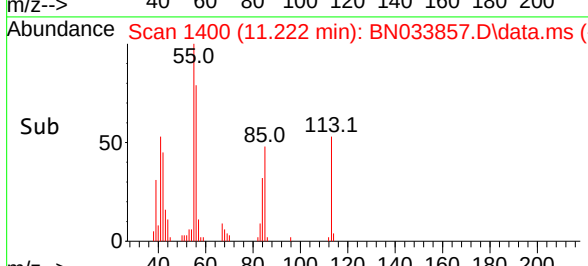
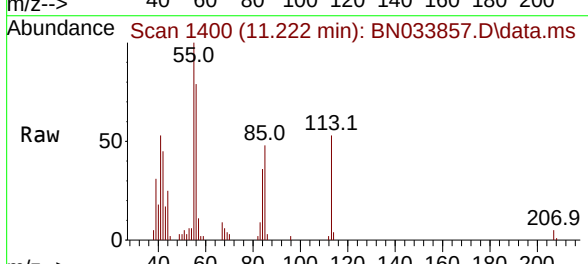
Tgt Ion:	225	Resp:	3228
Ion Ratio	Lower	Upper	
225	100		
223	60.6	52.2	78.2
227	64.5	50.1	75.1

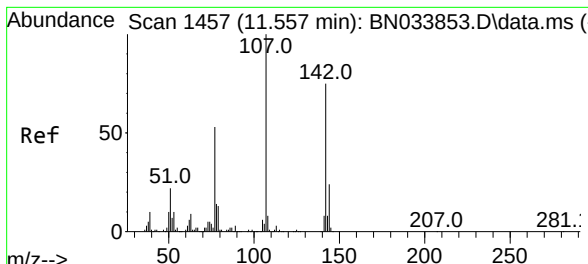
Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#34
Caprolactam
Concen: 3.482 ng/ul m
RT: 11.222 min Scan# 1400
Delta R.T. 0.024 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

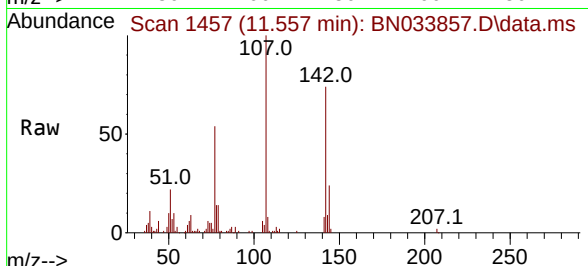
Tgt Ion:	113	Resp:	16430
Ion Ratio	Lower	Upper	
113	100		
55	189.8	137.0	205.6
56	150.8	99.7	149.5





#35
4-Chloro-3-methylphenol
Concen: 3.901 ng/ul
RT: 11.557 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

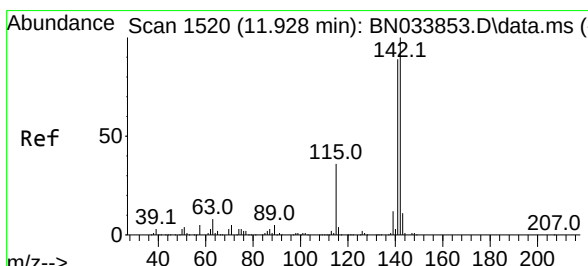
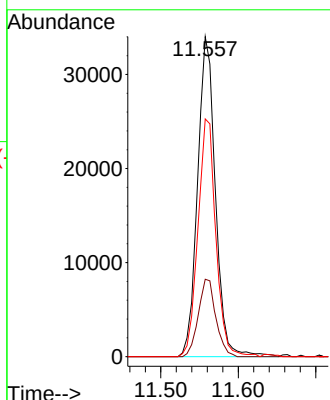
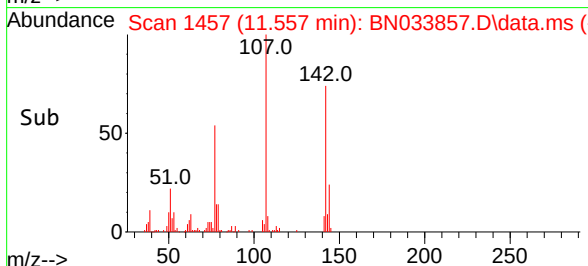
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:	107	Resp:	5442
Ion Ratio	Lower	Upper	
107	100		
144	24.2	19.1	28.7
142	74.3	61.4	92.0

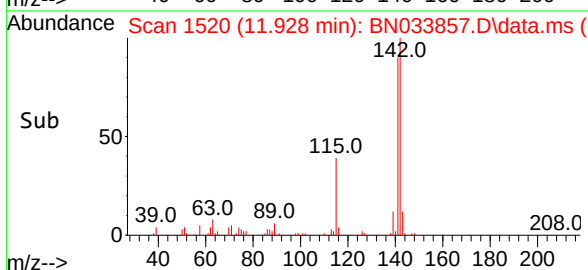
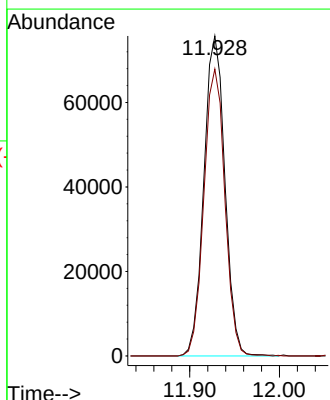
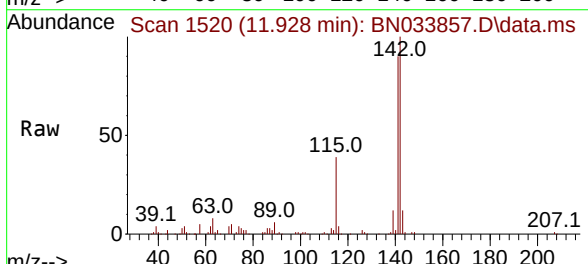
Manual Integrations
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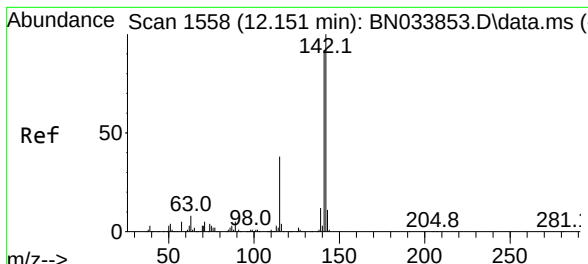
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 4.311 ng/ul
RT: 11.928 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

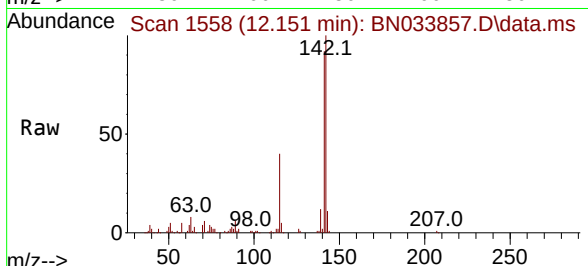
Tgt Ion:	142	Resp:	123148
Ion Ratio	Lower	Upper	
142	100		
141	89.6	72.2	108.2





#37
 1-Methylnaphthalene
 Concen: 4.340 ng/ul
 RT: 12.151 min Scan# 1558
 Delta R.T. -0.006 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

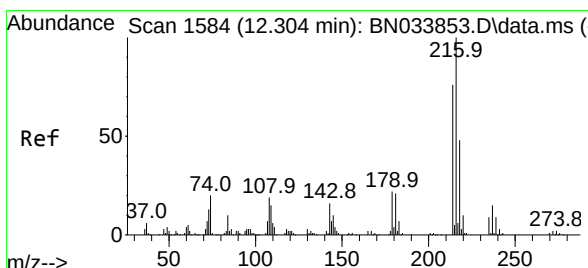
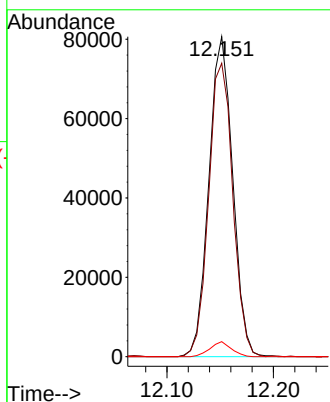
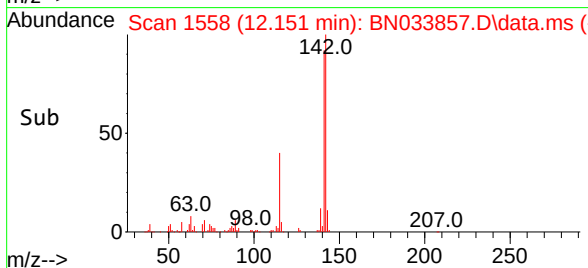
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:	142	Resp:	12550
Ion Ratio	Lower	Upper	
142	100		
141	91.7	72.5	108.7
116	4.7	3.2	4.8

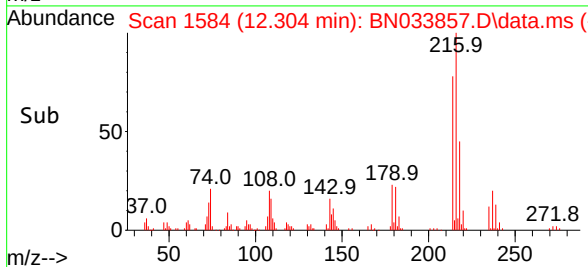
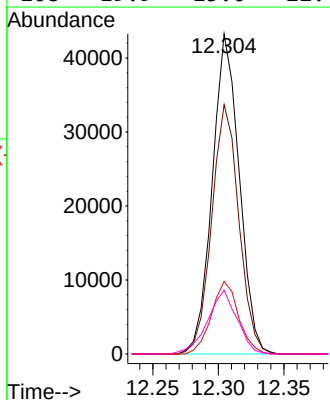
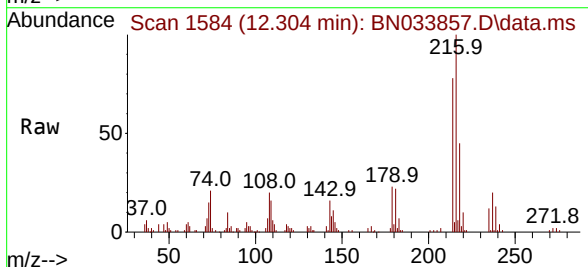
Manual Integrations
 APPROVED

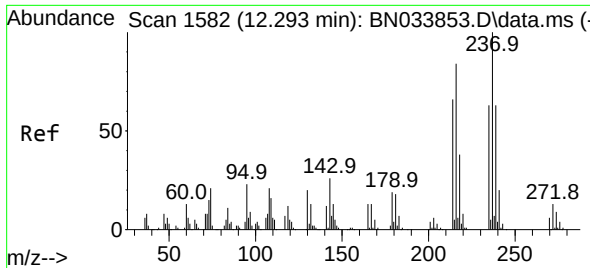
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.211 ng/ul
 RT: 12.304 min Scan# 1584
 Delta R.T. -0.006 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

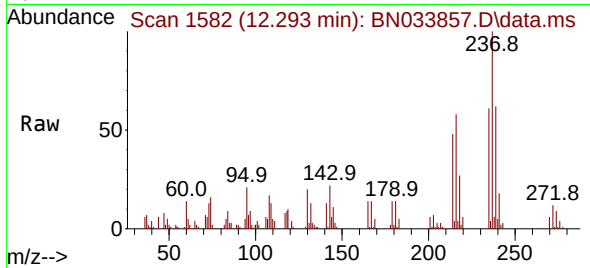
Tgt Ion:	216	Resp:	61878
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.0	94.6
179	22.7	18.2	27.2
108	19.9	15.0	22.4





#40
Hexachlorocyclopentadiene
Concen: 4.718 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

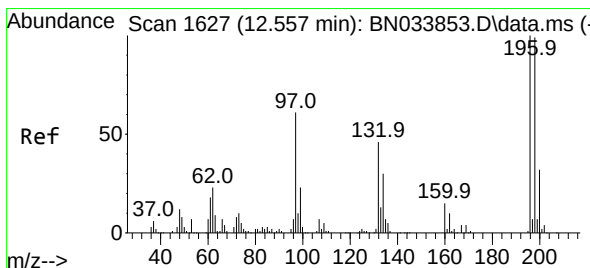
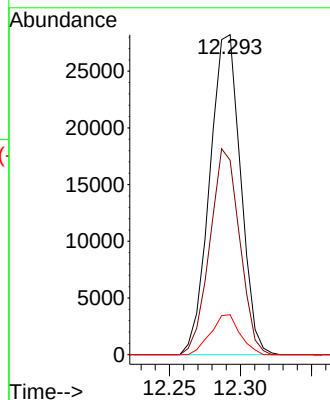
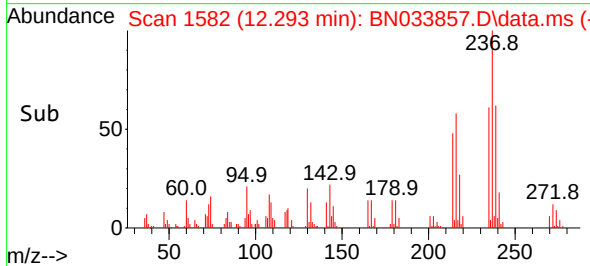
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05



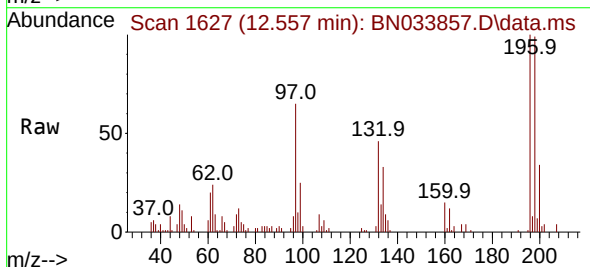
Tgt Ion:237 Resp: 4266
Ion Ratio Lower Upper
237 100
235 60.8 50.7 76.1
272 13.5 10.1 15.1

Manual Integrations
APPROVED

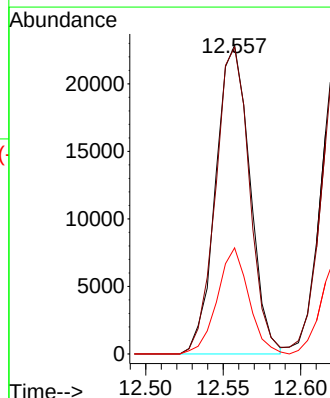
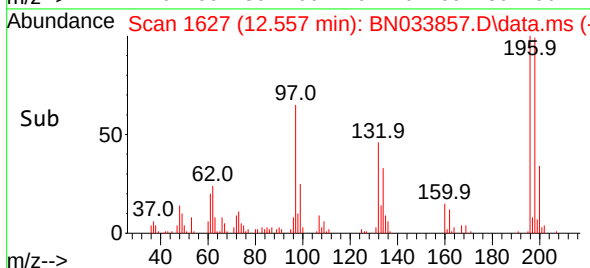
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

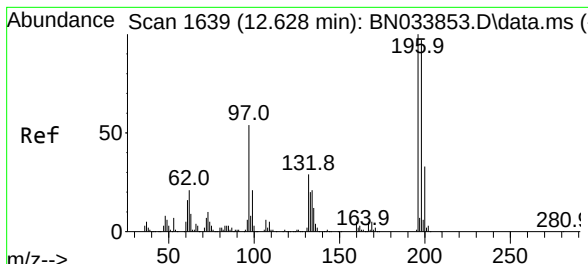


#41
2,4,6-Trichlorophenol
Concen: 3.602 ng/ul
RT: 12.557 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



Tgt Ion:196 Resp: 35091
Ion Ratio Lower Upper
196 100
198 99.3 75.0 112.4
200 34.3 24.7 37.1





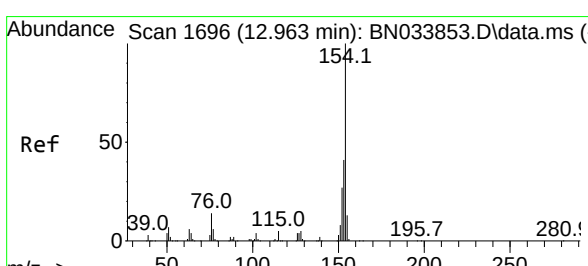
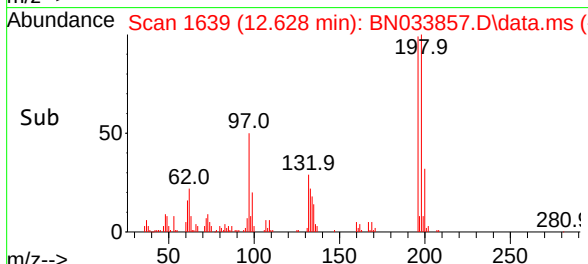
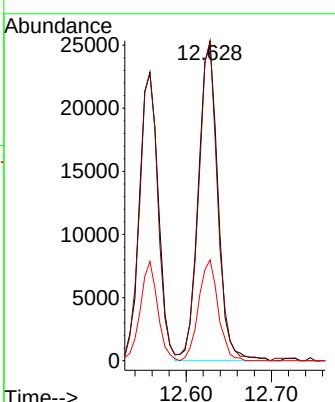
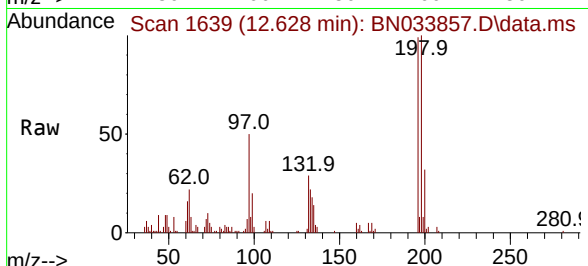
#42
 2,4,5-Trichlorophenol
 Concen: 3.759 ng/uI
 RT: 12.628 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2024-05

Tgt Ion:	196	Resp:	4022
Ion Ratio	Lower	Upper	
196	100		
198	101.1	77.1	115.7
200	31.9	25.2	37.8

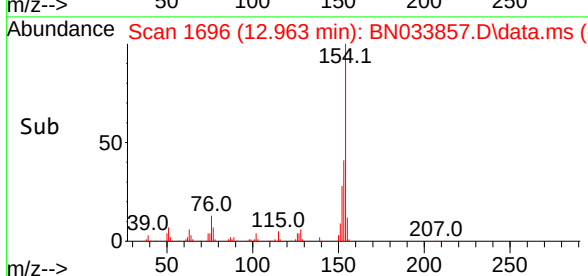
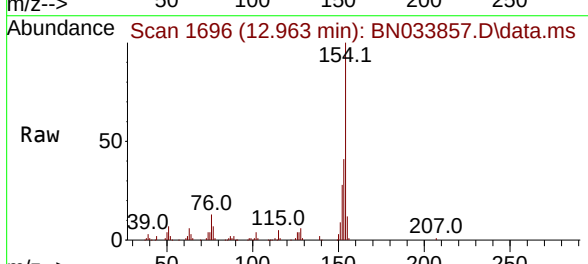
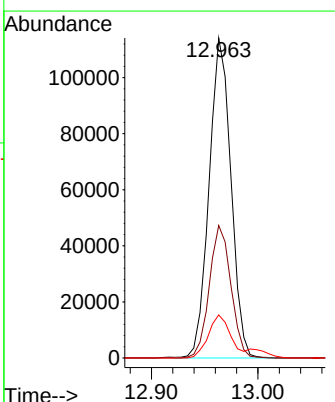
Manual Integrations
 APPROVED

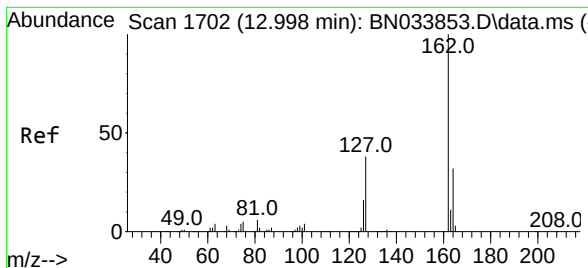
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#43
 1,1'-Biphenyl
 Concen: 4.231 ng/uI
 RT: 12.963 min Scan# 1696
 Delta R.T. -0.006 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

Tgt Ion:	154	Resp:	162354
Ion Ratio	Lower	Upper	
154	100		
153	41.4	33.3	49.9
76	13.4	10.2	15.4





#44

2-Chloronaphthalene

Concen: 4.247 ng/ul

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

Instrument :

BNA_N

ClientSampleId :

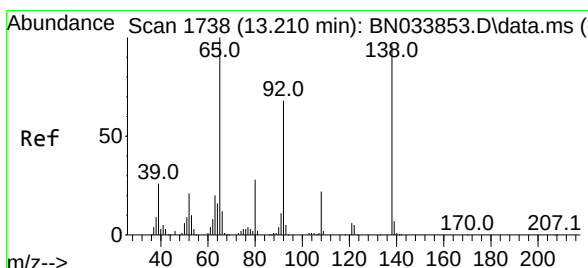
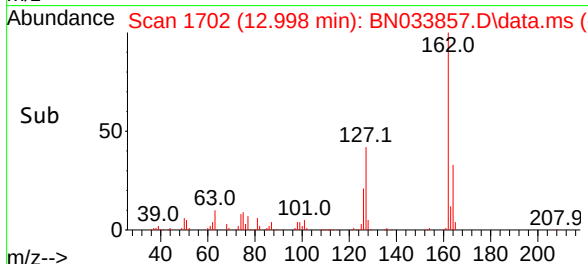
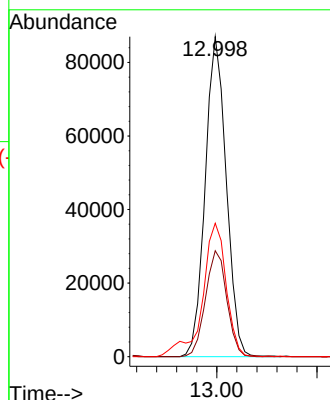
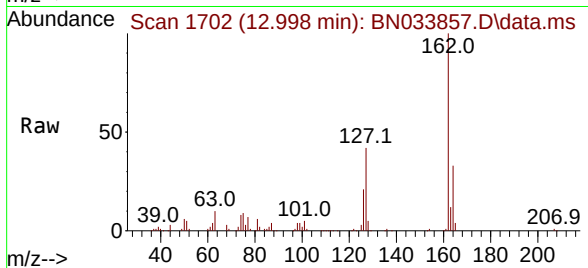
MDL-SOIL-QT3-2024-05

Tgt Ion:	162	Resp:	12697
Ion Ratio	Lower	Upper	
162	100		
164	33.1	25.1	37.7
127	41.7	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#45

2-Nitroaniline

Concen: 3.554 ng/ul

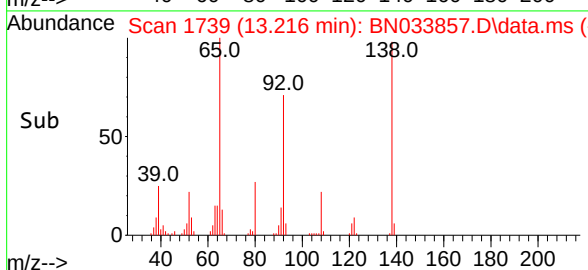
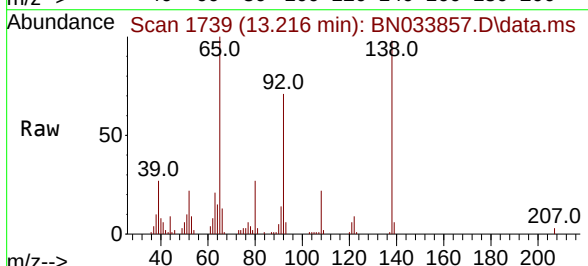
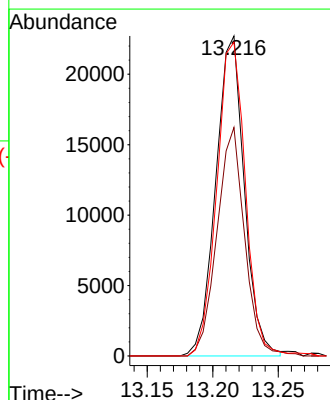
RT: 13.216 min Scan# 1739

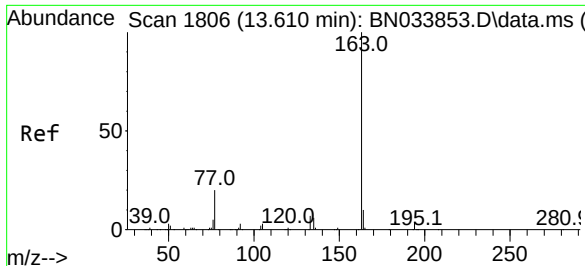
Delta R.T. 0.000 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

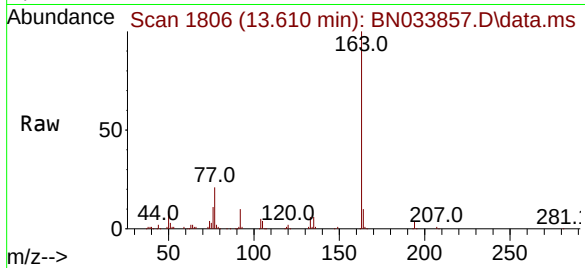
Tgt Ion:	65	Resp:	34334
Ion Ratio	Lower	Upper	
65	100		
92	71.4	53.2	79.8
138	98.0	80.9	121.3





#47
Dimethylphthalate
Concen: 4.325 ng/ul
RT: 13.610 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

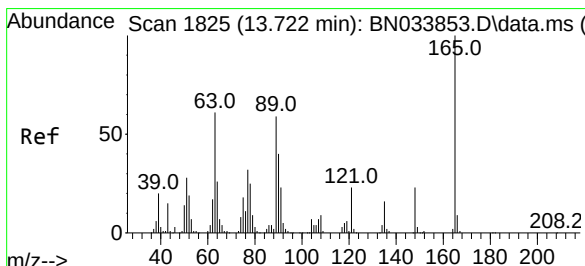
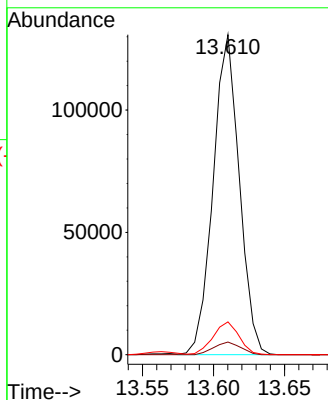
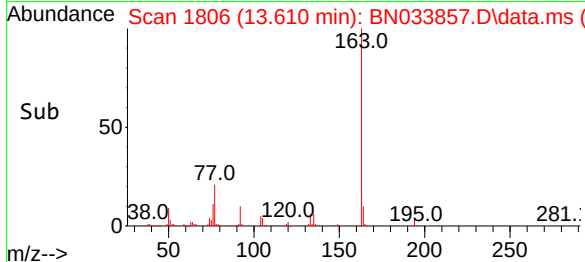
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05



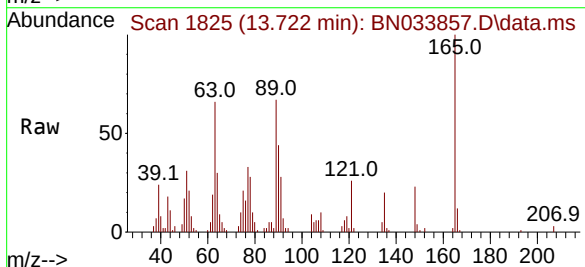
Tgt Ion:163 Resp: 167678
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 7.7 11.5

Manual Integrations
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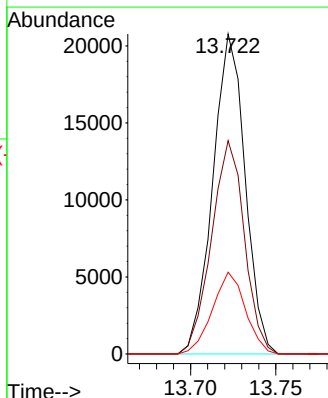
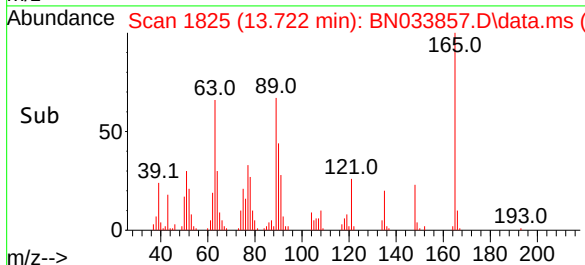
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

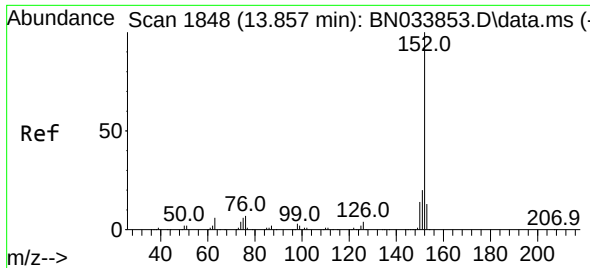


#48
2,6-Dinitrotoluene
Concen: 3.590 ng/ul
RT: 13.722 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



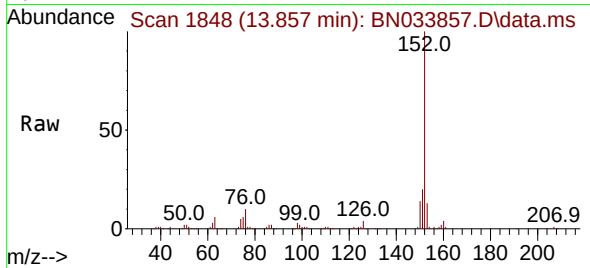
Tgt Ion:165 Resp: 27406
Ion Ratio Lower Upper
165 100
89 66.7 48.6 72.8
121 25.6 19.0 28.6





#50
Acenaphthylene
Concen: 4.435 ng/ul
RT: 13.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

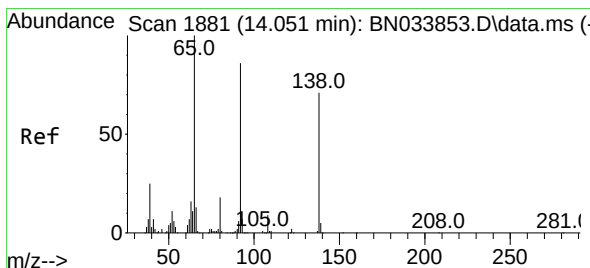
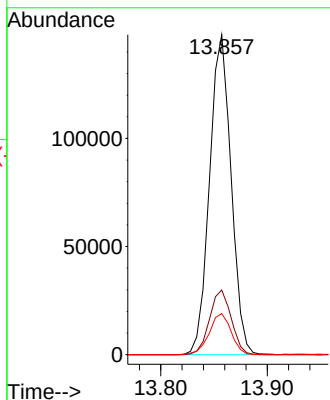
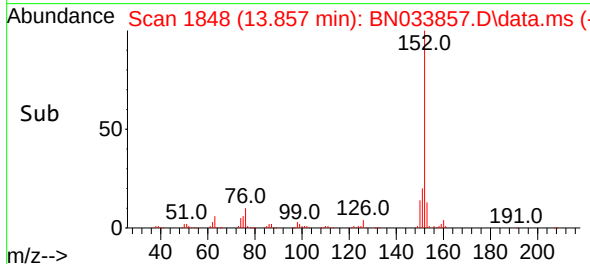
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:152 Resp: 207684
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.8 10.6 16.0

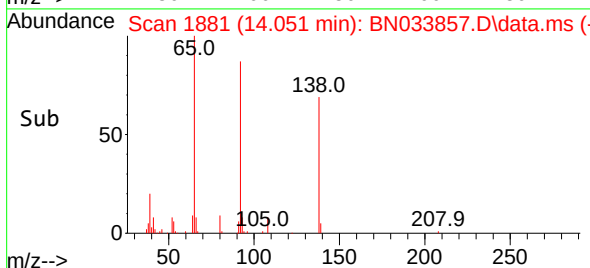
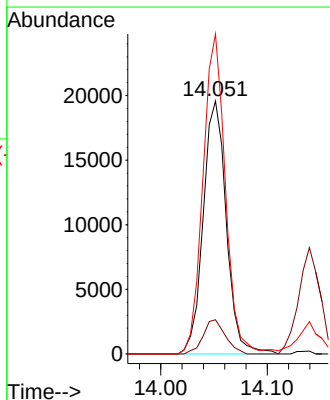
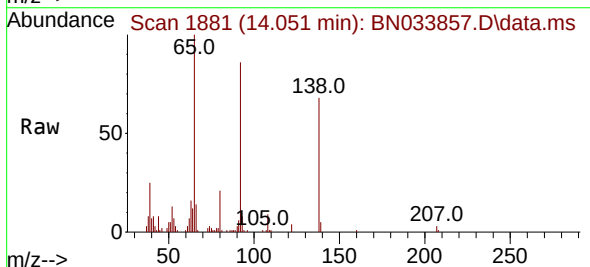
Manual Integrations
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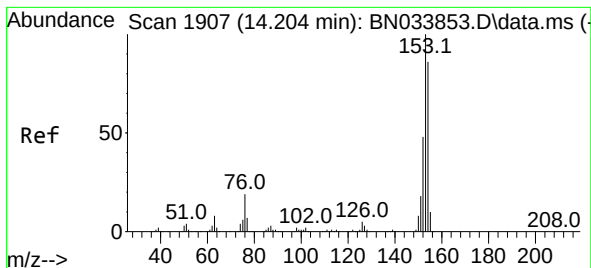
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#51
3-Nitroaniline
Concen: 3.506 ng/ul
RT: 14.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

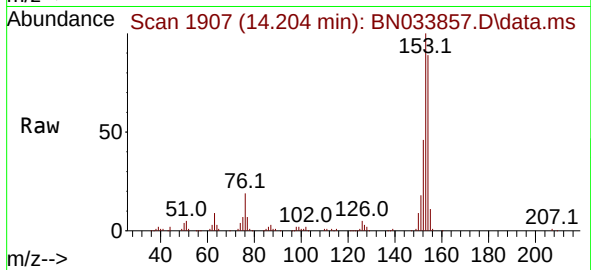
Tgt Ion:138 Resp: 29580
Ion Ratio Lower Upper
138 100
108 13.5 9.0 13.4#
92 126.5 94.6 141.8





#52
Acenaphthene
Concen: 4.254 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

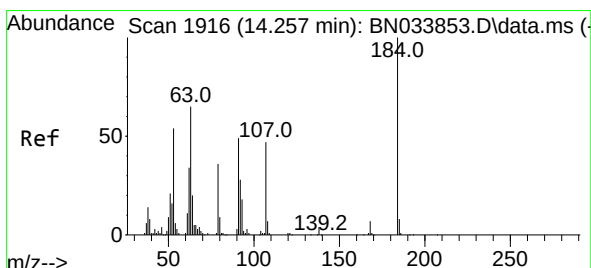
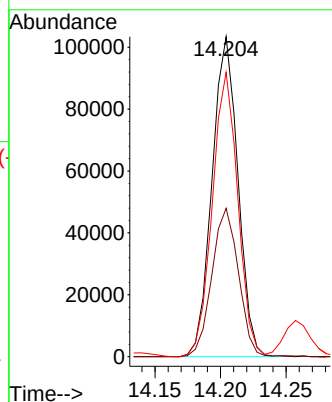
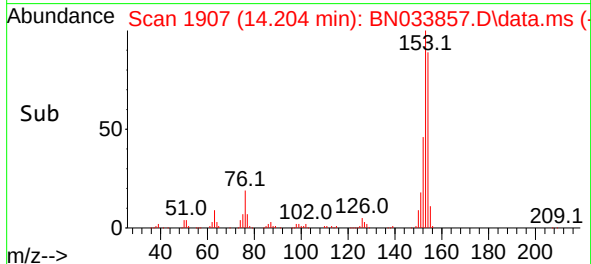
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:153 Resp: 14222
Ion Ratio Lower Upper
153 100
152 46.3 37.8 56.8
154 88.9 71.2 106.8

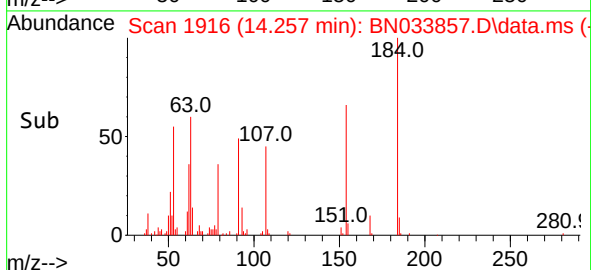
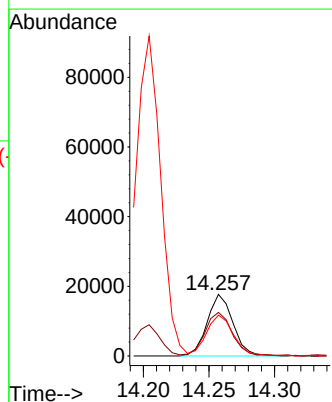
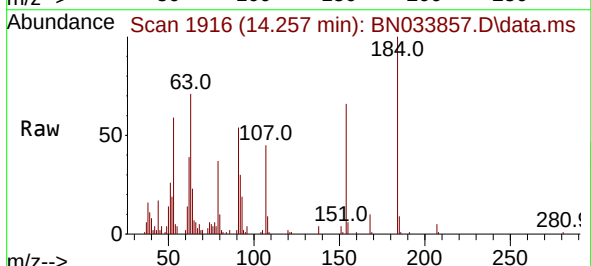
Manual Integrations
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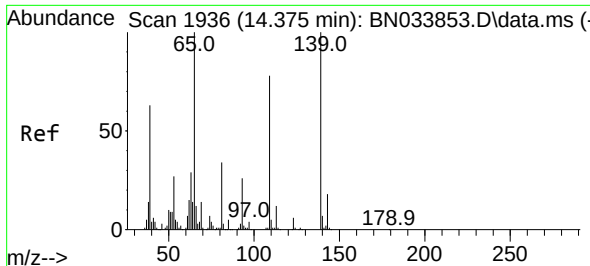
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#53
2,4-Dinitrophenol
Concen: 5.367 ng/ul
RT: 14.257 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

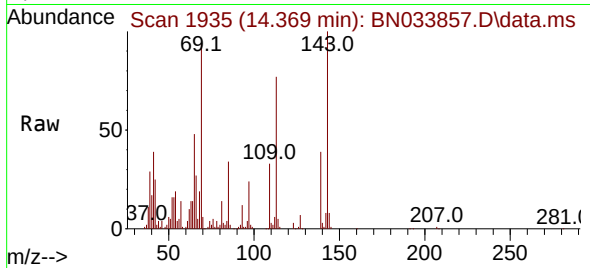
Tgt Ion:184 Resp: 24098
Ion Ratio Lower Upper
184 100
63 70.7 61.1 91.7
154 66.2 58.5 87.7





#55
4-Nitrophenol
Concen: 4.466 ng/ul
RT: 14.369 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

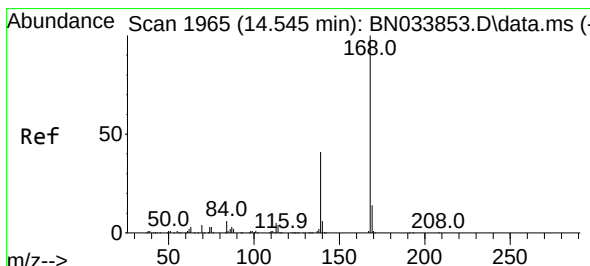
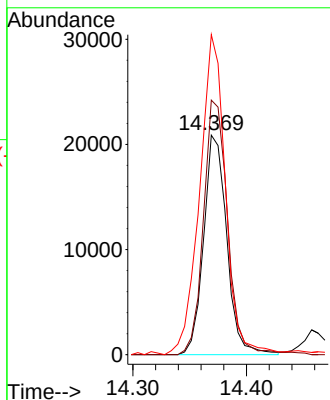
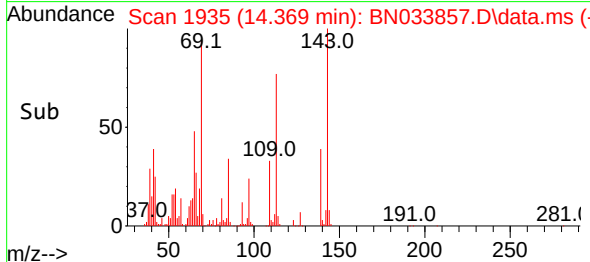
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:109 Resp: 29610
Ion Ratio Lower Upper
109 100
139 115.9 102.8 154.2
65 145.7 97.7 146.5

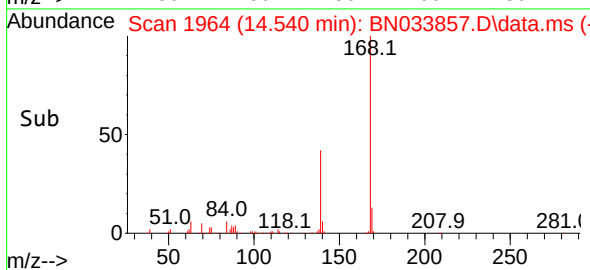
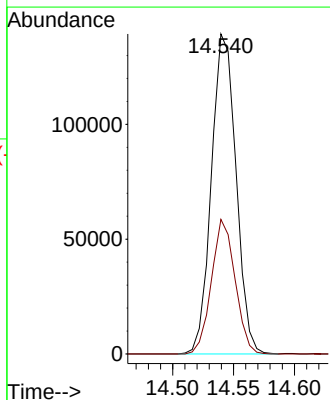
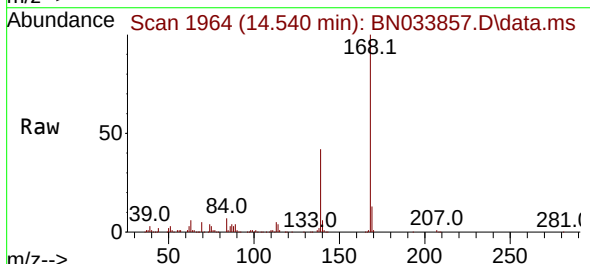
Manual Integrations
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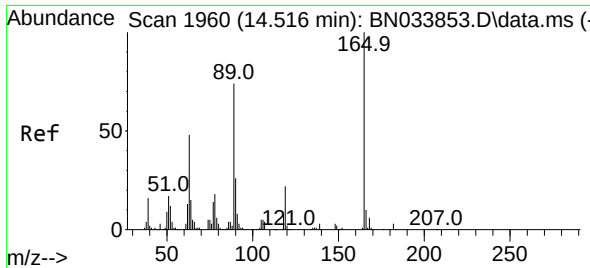
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#56
Dibenzofuran
Concen: 4.288 ng/ul
RT: 14.540 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

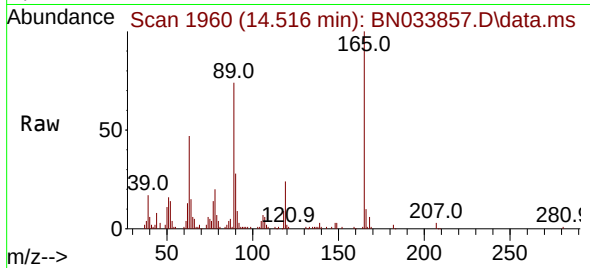
Tgt Ion:168 Resp: 196021
Ion Ratio Lower Upper
168 100
139 42.0 31.7 47.5





#57
2,4-Dinitrotoluene
Concen: 3.854 ng/ul
RT: 14.516 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

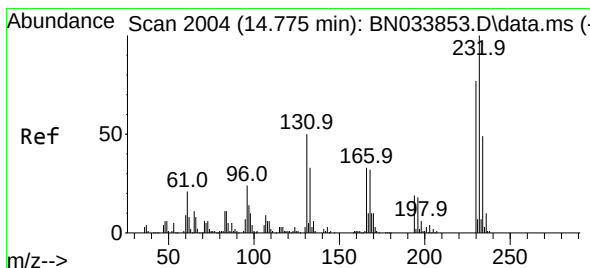
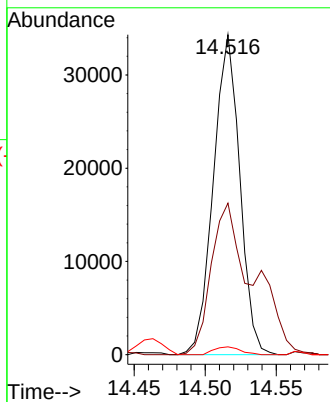
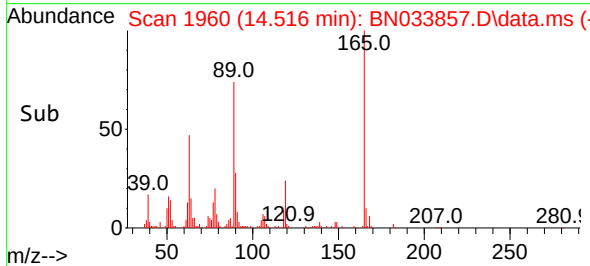
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:165 Resp: 4435
Ion Ratio Lower Upper
165 100
63 47.4 37.8 56.8
182 2.5 2.3 3.5

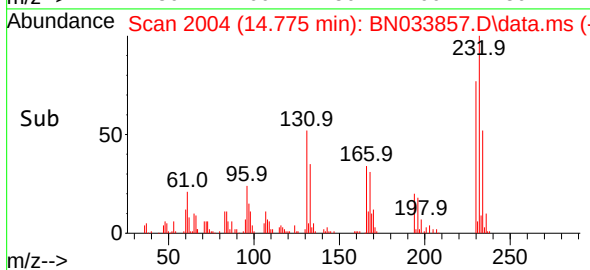
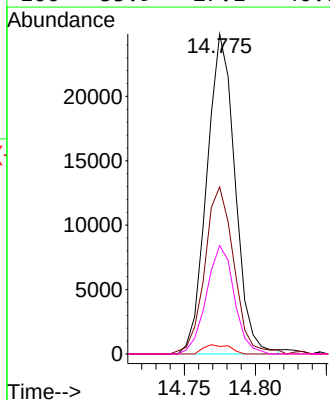
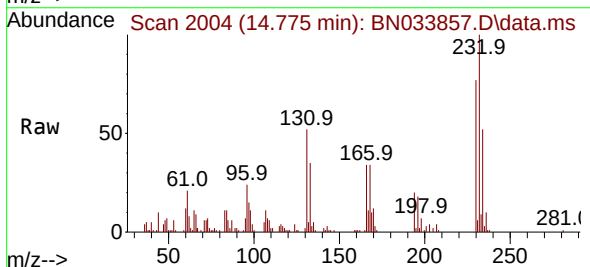
Manual Integrations
APPROVED

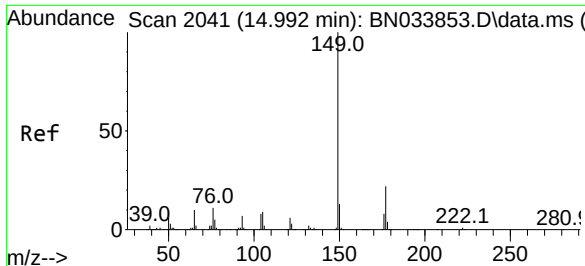
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.868 ng/ul
RT: 14.775 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

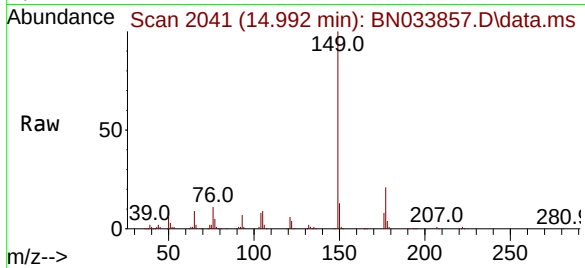
Tgt Ion:232 Resp: 34342
Ion Ratio Lower Upper
232 100
131 52.2 41.0 61.6
130 2.3 2.2 3.2
166 33.9 27.1 40.7





#59
Diethylphthalate
Concen: 4.159 ng/ul
RT: 14.992 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

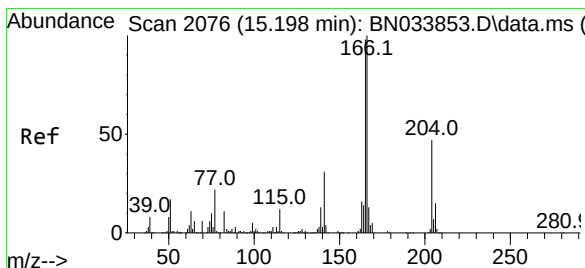
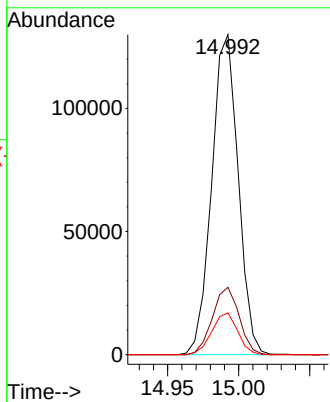
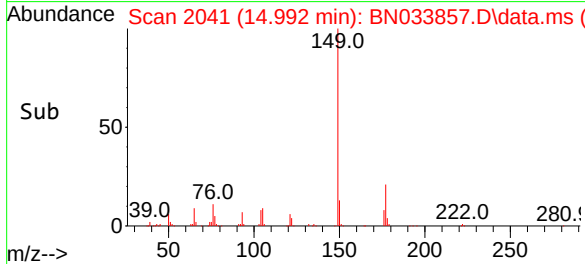
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



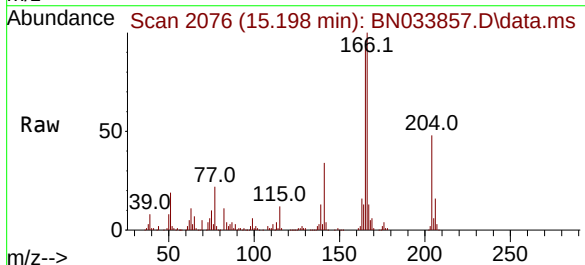
Tgt Ion:149 Resp: 16848
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 13.1 9.9 14.9

Manual Integrations
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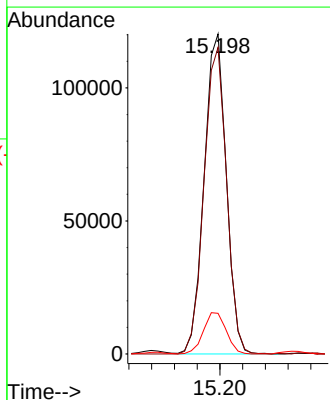
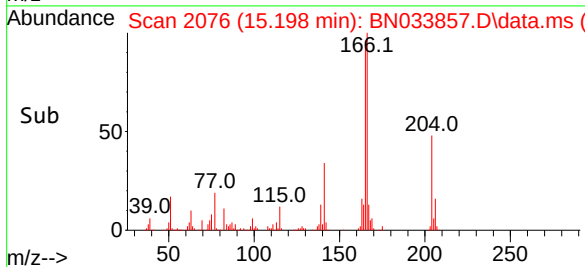
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

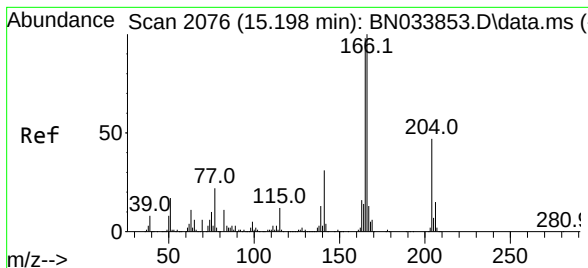


#61
Fluorene
Concen: 4.355 ng/ul
RT: 15.198 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



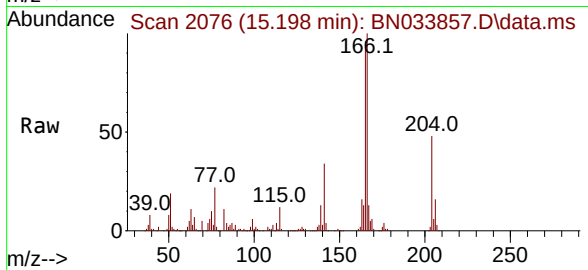
Tgt Ion:166 Resp: 162873
Ion Ratio Lower Upper
166 100
165 95.8 81.9 122.9
167 12.7 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.340 ng/ul
RT: 15.198 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

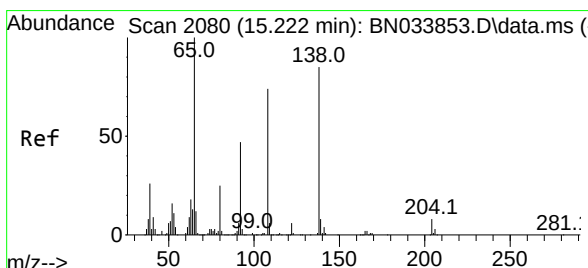
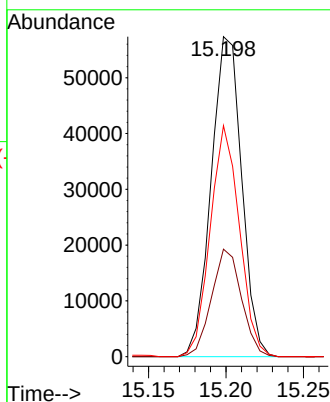
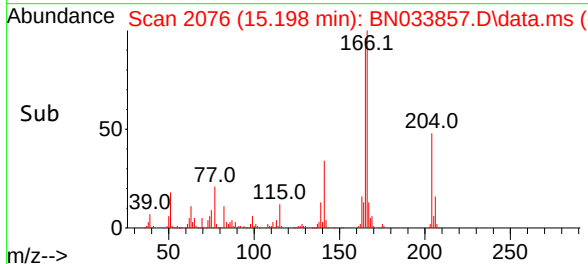
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2024-05



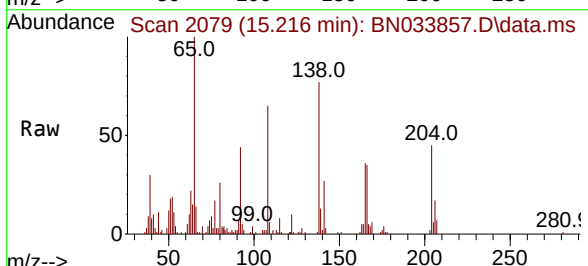
Tgt Ion:204 Resp: 78669
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.4
141 72.2 50.4 75.6

Manual Integrations
APPROVED

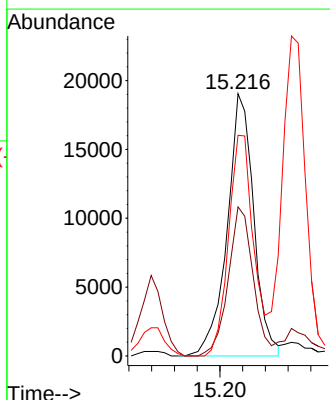
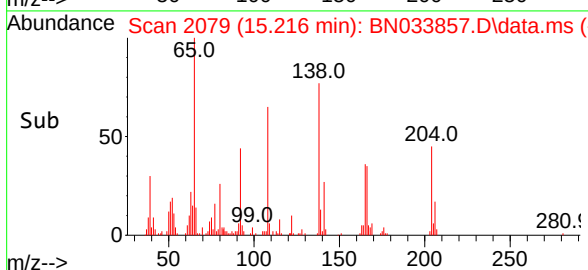
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

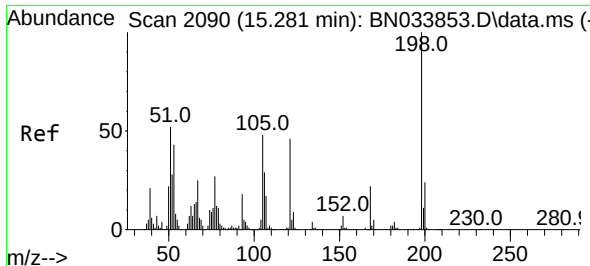


#63
4-Nitroaniline
Concen: 3.559 ng/ul
RT: 15.216 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



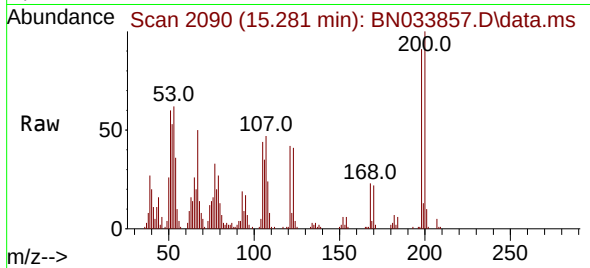
Tgt Ion:138 Resp: 30896
Ion Ratio Lower Upper
138 100
92 56.9 43.0 64.4
108 84.1 67.0 100.4





#66
4,6-Dinitro-2-methylphenol
Concen: 3.765 ng/ul
RT: 15.281 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

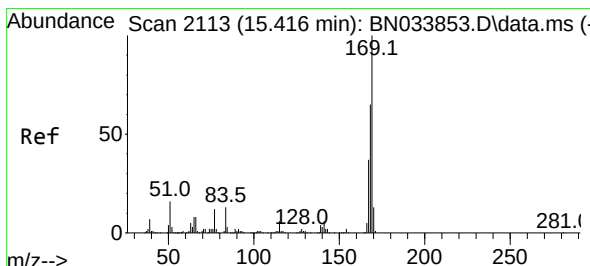
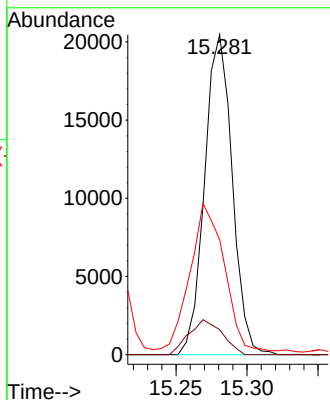
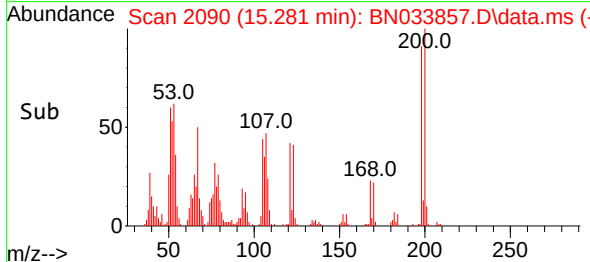
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



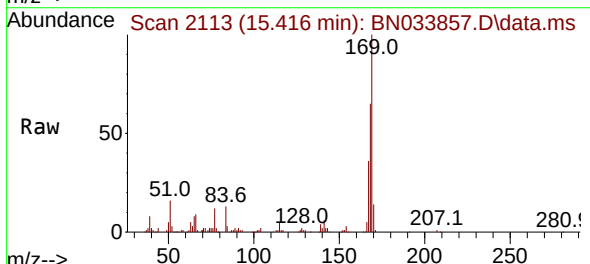
Tgt Ion:198 Resp: 2773
Ion Ratio Lower Upper
198 100
182 7.8 3.2 4.8
77 36.0 21.1 31.7

Manual Integrations
APPROVED

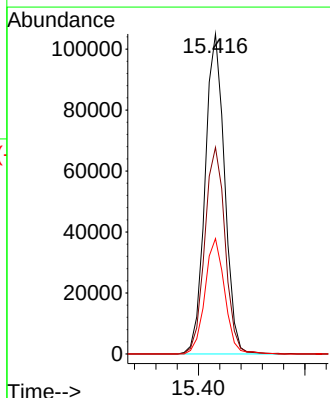
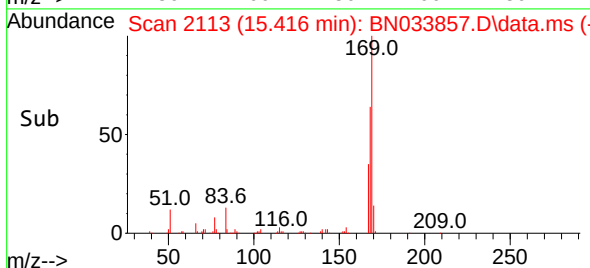
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

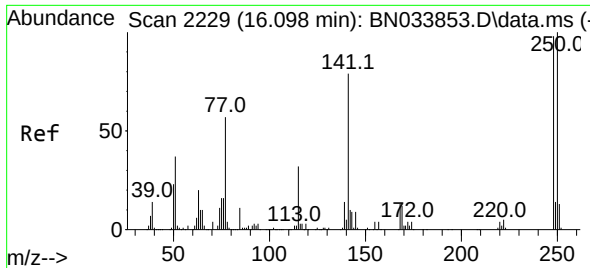


#67
N-Nitrosodiphenylamine
Concen: 4.013 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



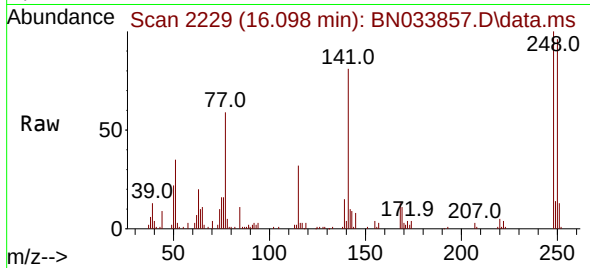
Tgt Ion:169 Resp: 133782
Ion Ratio Lower Upper
169 100
168 64.5 52.8 79.2
167 36.1 28.6 43.0





#68
4-Bromophenyl-phenylether
Concen: 4.066 ng/ul
RT: 16.098 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

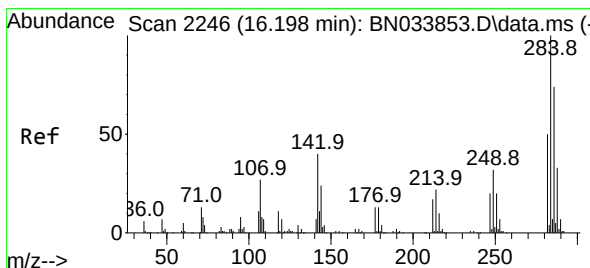
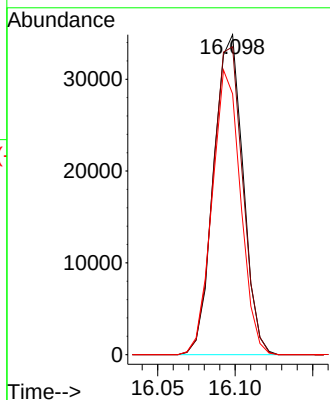
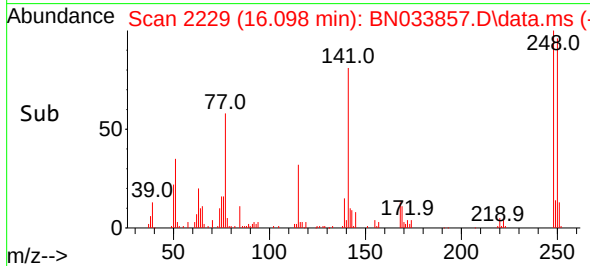
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



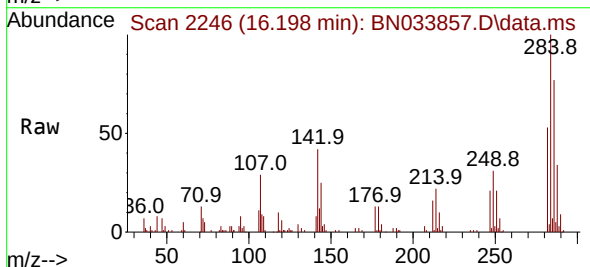
Tgt Ion:248 Resp: 45923
Ion Ratio Lower Upper
248 100
250 96.2 79.8 119.6
141 81.5 67.0 100.4

Manual Integrations
APPROVED

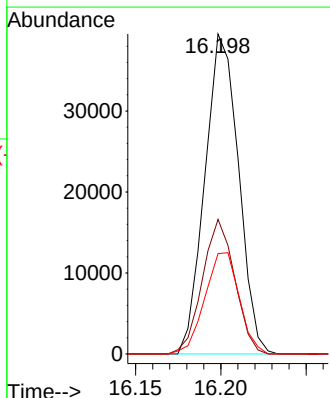
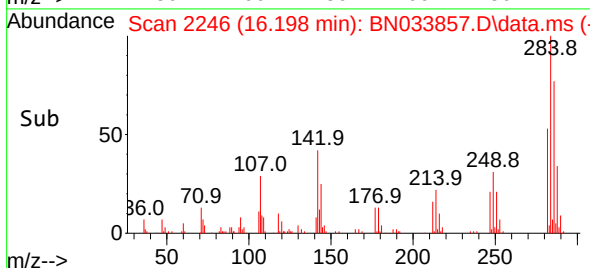
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

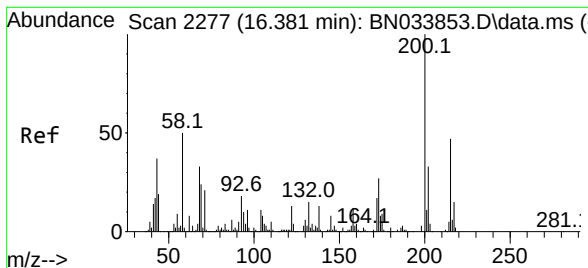


#69
Hexachlorobenzene
Concen: 4.138 ng/ul
RT: 16.198 min Scan# 2246
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



Tgt Ion:284 Resp: 54246
Ion Ratio Lower Upper
284 100
142 42.1 31.3 46.9
249 31.4 25.1 37.7





#70

Atrazine

Concen: 3.923 ng/ul

RT: 16.381 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN033857.D

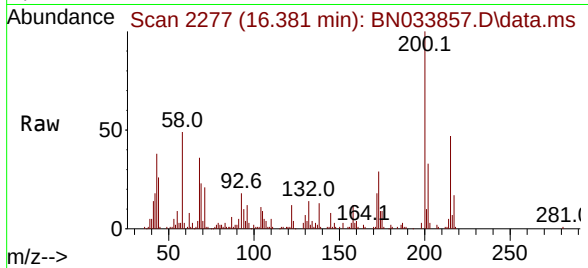
Acq: 11 Sep 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2024-05

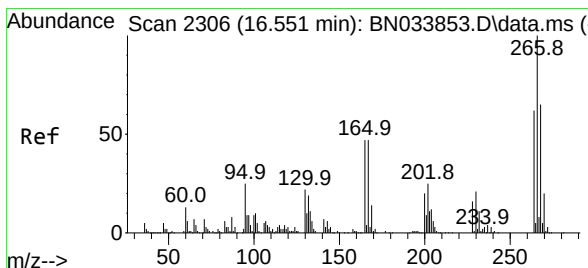
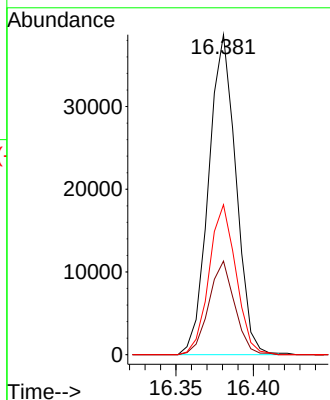
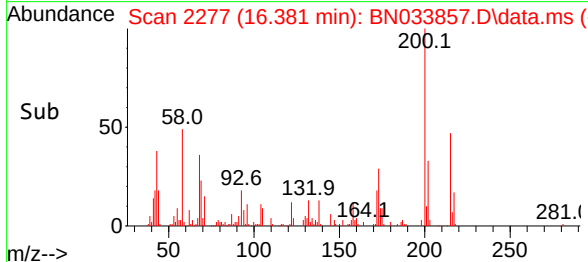


Tgt Ion:	200	Resp:	47374
Ion Ratio	Lower	Upper	
200	100		
173	29.2	21.3	31.9
215	46.8	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71

Pentachlorophenol

Concen: 6.017 ng/ul

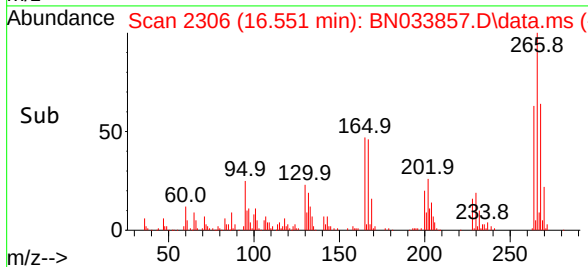
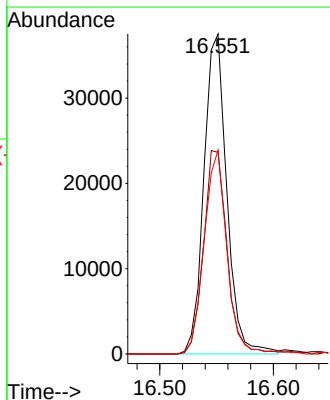
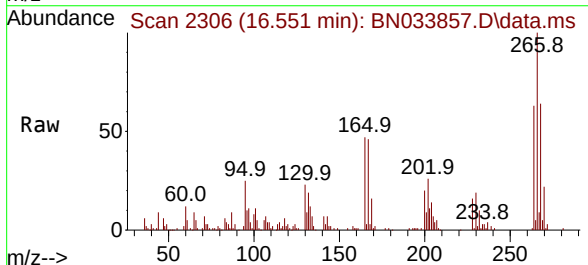
RT: 16.551 min Scan# 2306

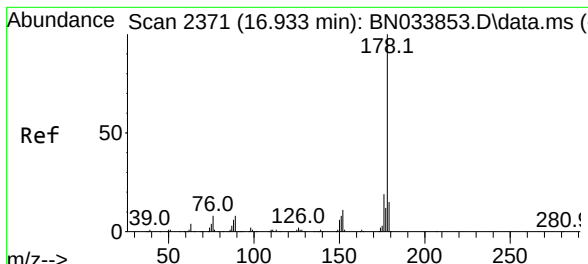
Delta R.T. 0.000 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

Tgt Ion:	266	Resp:	52538
Ion Ratio	Lower	Upper	
266	100		
264	63.0	51.1	76.7
268	63.7	52.8	79.2



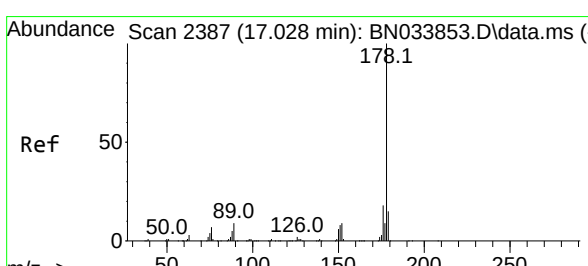
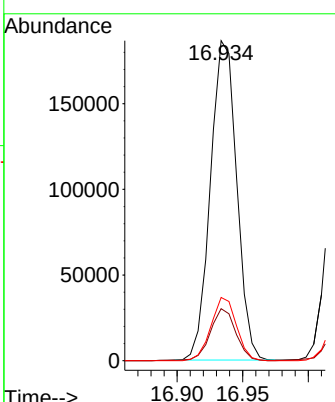
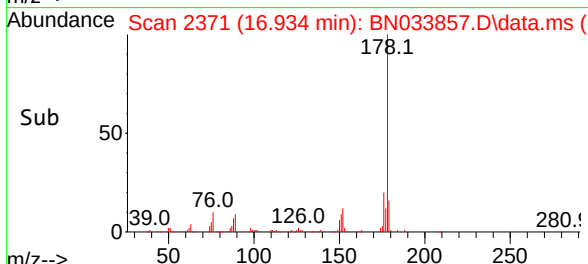
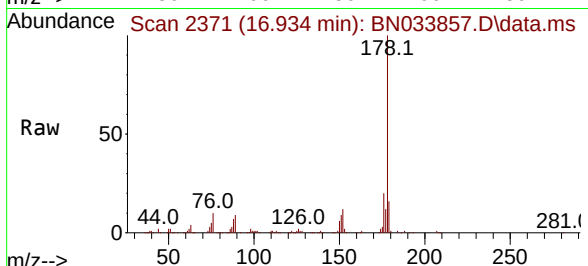


#72
 Phenanthrene
 Concen: 4.235 ng/ul
 RT: 16.934 min Scan# 2371
 Delta R.T. -0.006 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2024-05

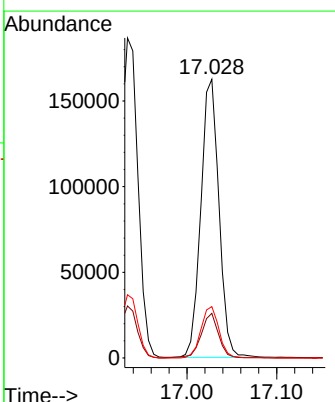
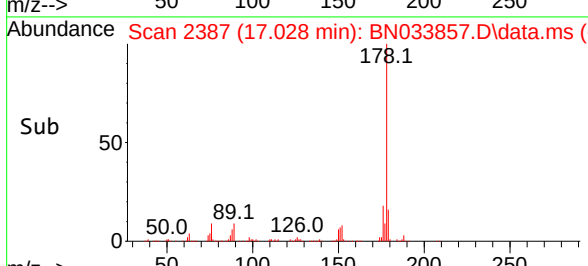
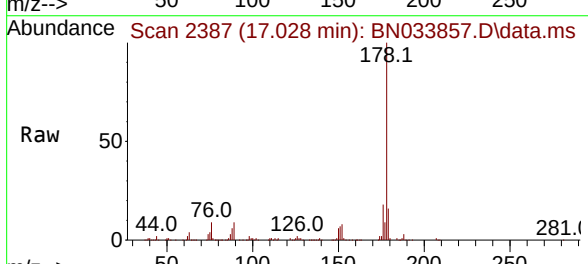
Tgt Ion:178	Resp: 25977
Ion Ratio	Lower Upper
178	100
179	16.3 11.9 17.9
176	19.8 15.2 22.8

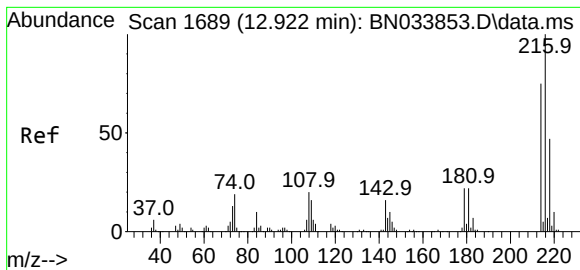
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#74
 Anthracene
 Concen: 3.624 ng/ul
 RT: 17.028 min Scan# 2387
 Delta R.T. 0.000 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

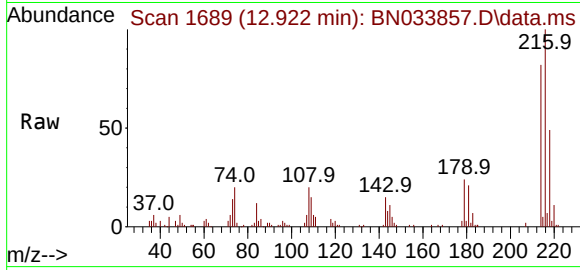
Tgt Ion:178	Resp: 226957
Ion Ratio	Lower Upper
178	100
179	16.0 12.2 18.2
176	18.4 15.0 22.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.779 ng/uL
RT: 12.922 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

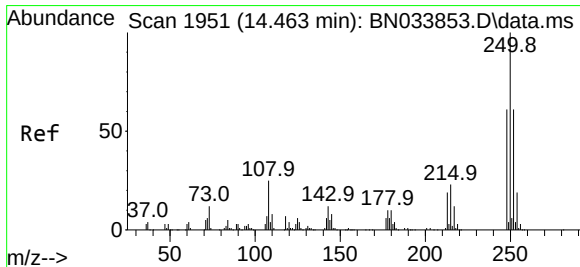
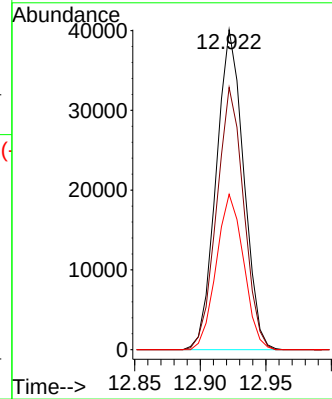
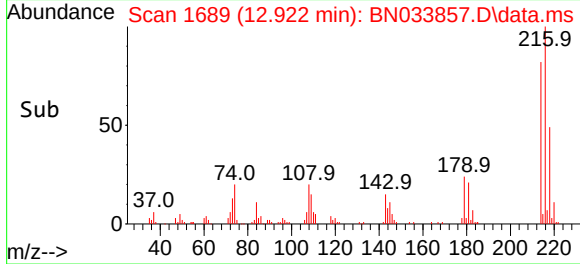
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



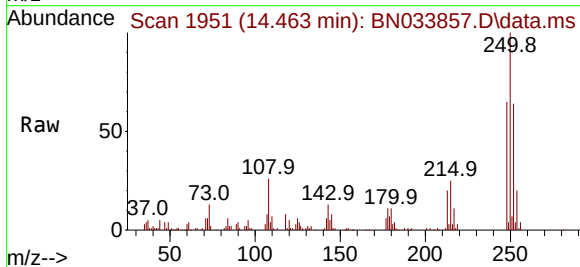
Tgt Ion:216 Resp: 58509
Ion Ratio Lower Upper
216 100
214 81.9 63.6 95.4
218 48.5 37.6 56.4

Manual Integrations
APPROVED

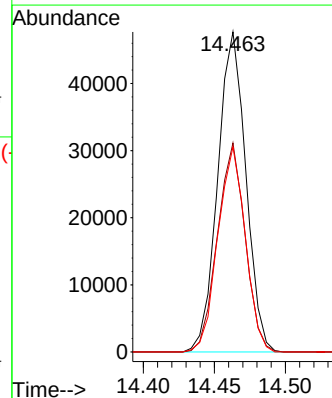
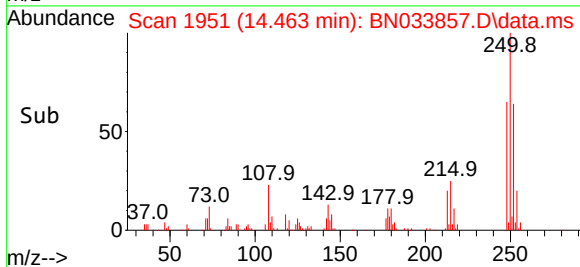
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

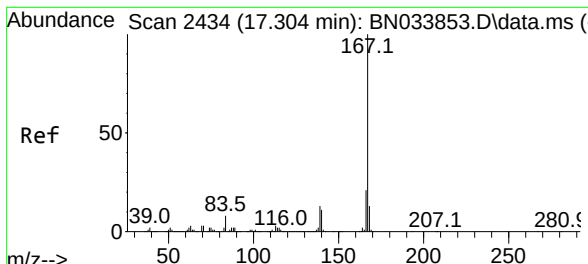


#76
Pentachlorobenzene
Concen: 4.166 ng/uL
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



Tgt Ion:250 Resp: 65665
Ion Ratio Lower Upper
250 100
248 65.3 49.3 73.9
252 64.0 49.1 73.7



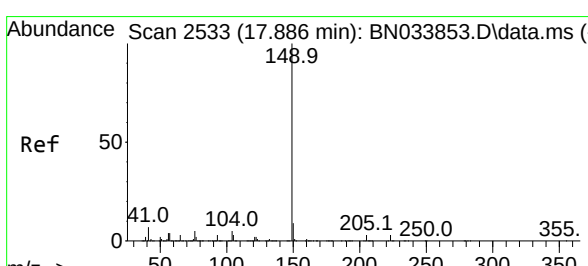
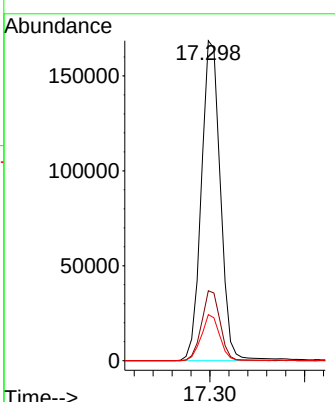
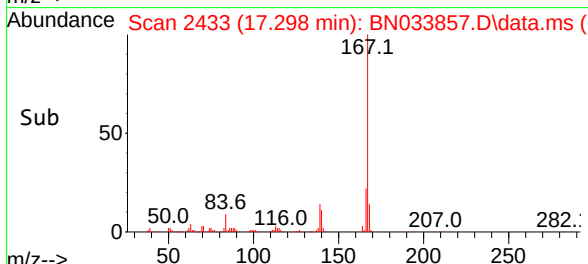
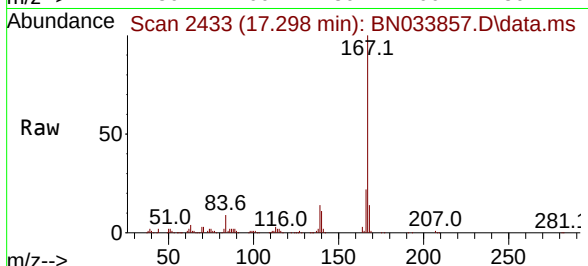


#77
 Carbazole
 Concen: 4.066 ng/ul
 RT: 17.298 min Scan# 2433
 Delta R.T. -0.006 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2024-05

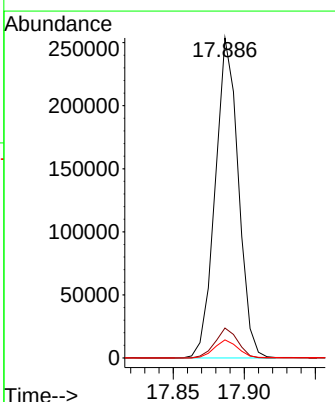
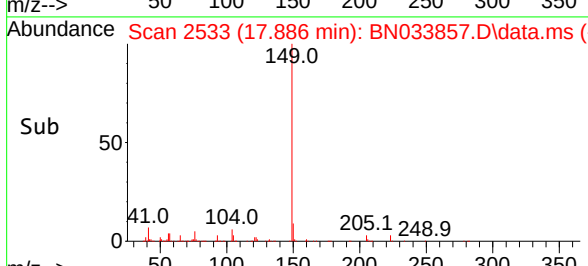
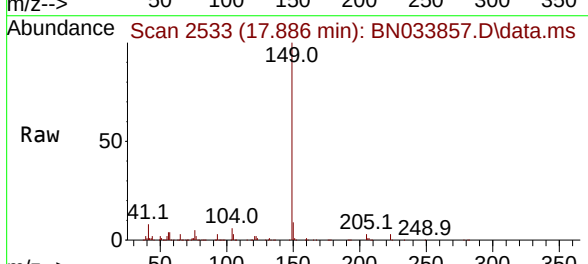
Tgt Ion:	167	Resp:	234389
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.4	26.0
139	14.4	10.5	15.7

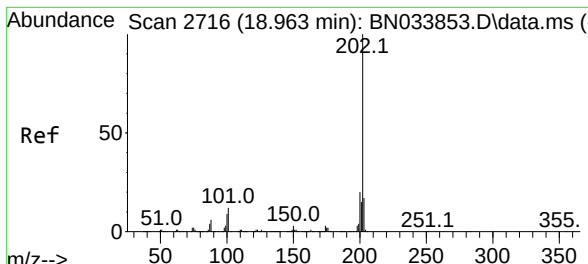
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#78
 Di-n-butylphthalate
 Concen: 3.922 ng/ul
 RT: 17.886 min Scan# 2533
 Delta R.T. 0.000 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

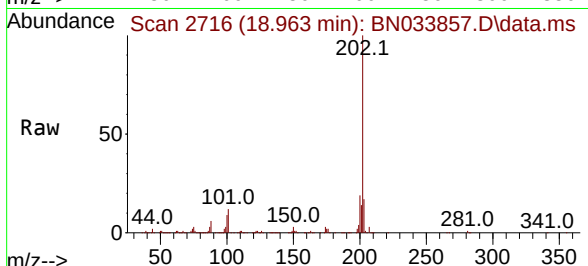
Tgt Ion:	149	Resp:	287434
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.2
104	5.7	4.3	6.5





#80
 Fluoranthene
 Concen: 4.093 ng/u1
 RT: 18.963 min Scan# 2716
 Delta R.T. 0.000 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2024-05

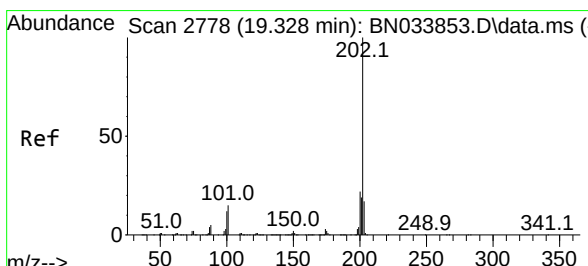
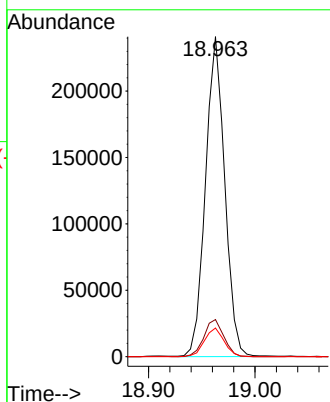
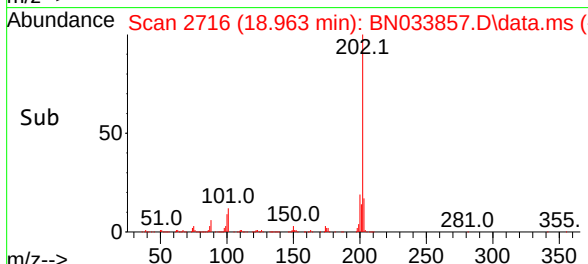


Tgt Ion: 202 Resp: 30298

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
100	9.0	7.7	11.5

Manual Integrations
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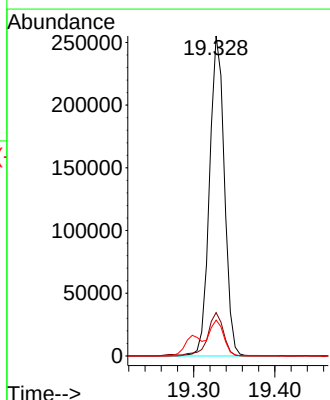
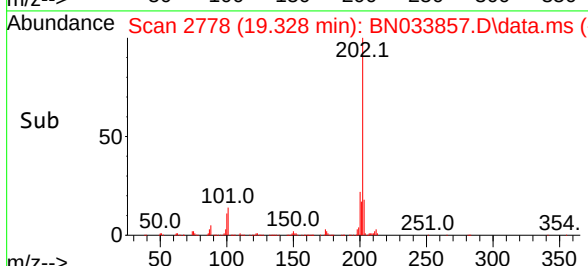
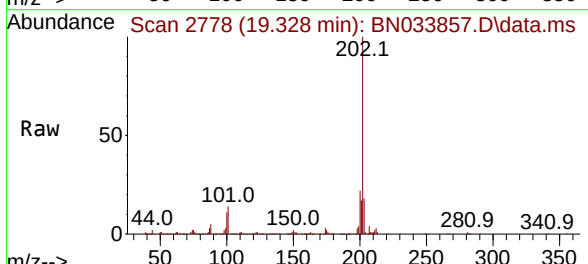
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

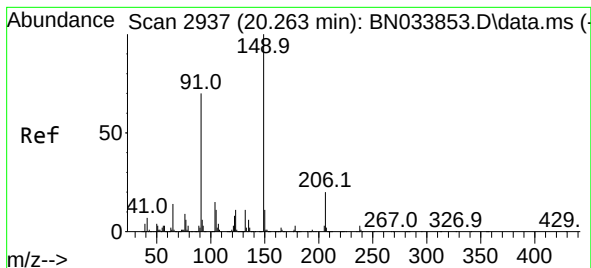


#82
 Pyrene
 Concen: 4.075 ng/u1
 RT: 19.328 min Scan# 2778
 Delta R.T. 0.000 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

Tgt Ion: 202 Resp: 324282

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.8	17.8
100	11.2	10.0	15.0





#83

Butylbenzylphthalate

Concen: 3.681 ng/ul

RT: 20.263 min Scan# 2937

Delta R.T. 0.000 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

Instrument :

BNA_N

ClientSampleId :

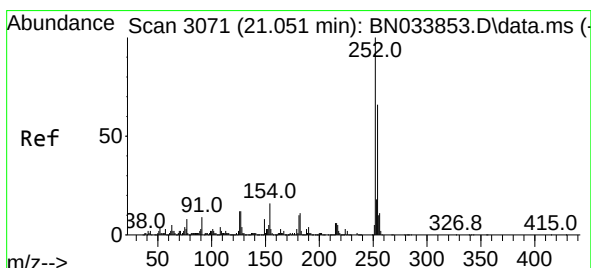
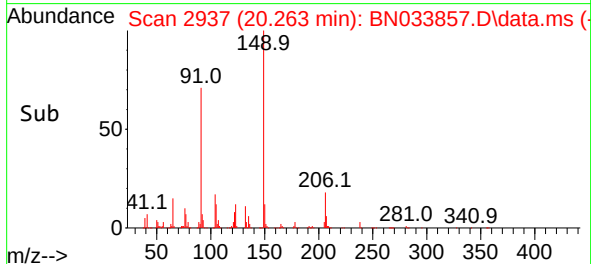
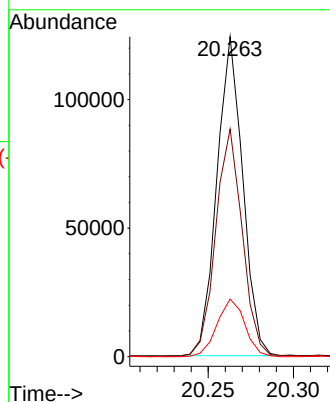
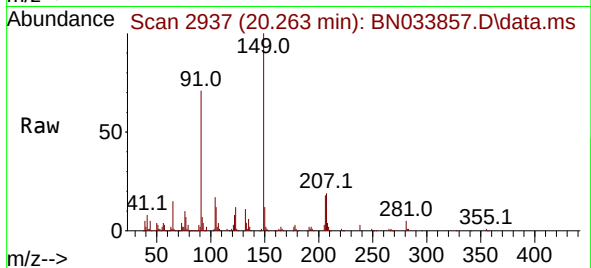
MDL-SOIL-QT3-2024-05

Tgt Ion:	149	Resp:	13138
Ion Ratio	Lower	Upper	
149	100		
91	71.2	56.3	84.5
206	18.0	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.444 ng/ul

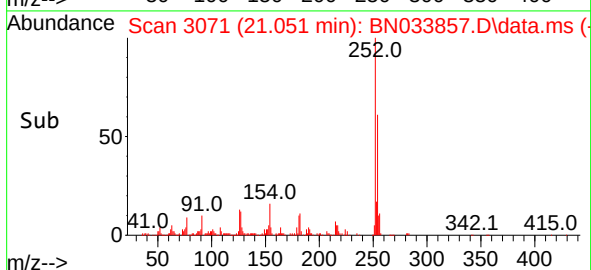
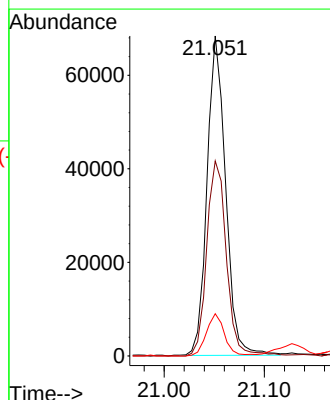
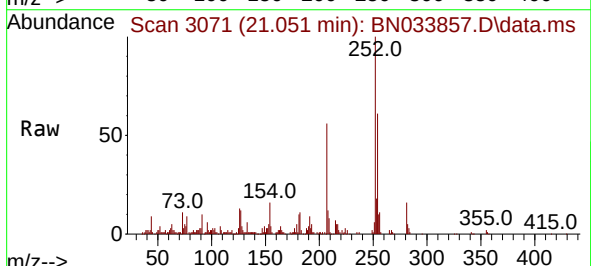
RT: 21.051 min Scan# 3071

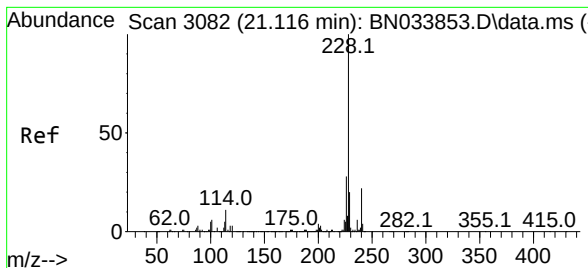
Delta R.T. 0.000 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

Tgt Ion:	252	Resp:	87925
Ion Ratio	Lower	Upper	
252	100		
254	60.9	52.0	78.0
126	13.2	9.7	14.5





#85

Benzo(a)anthracene

Concen: 4.097 ng/ul

RT: 21.116 min Scan# 3082

Delta R.T. 0.000 min

Lab File: BN033857.D

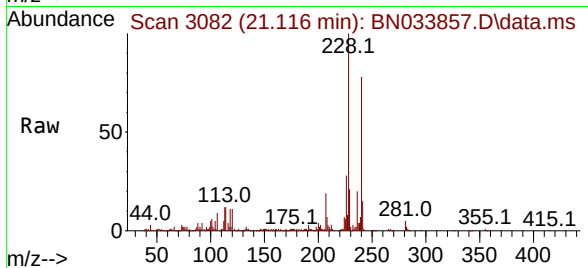
Acq: 11 Sep 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2024-05



Tgt Ion:228 Resp: 332009

Ion Ratio Lower Upper

228 100

229 20.9 15.0 22.6

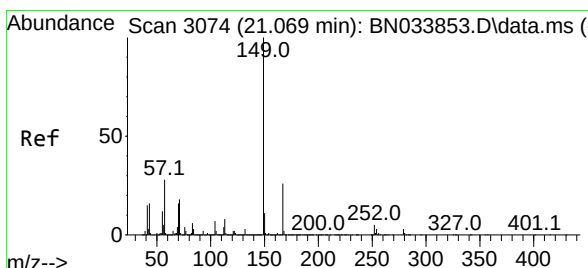
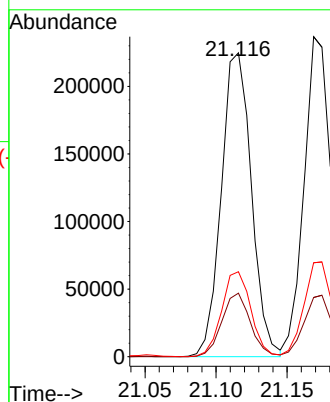
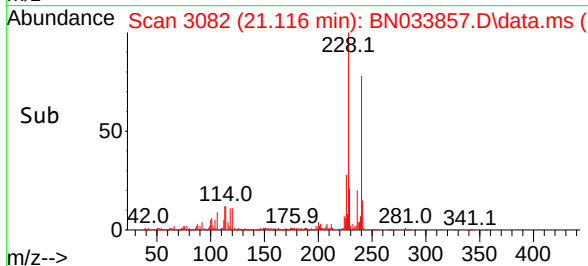
226 28.0 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024

Supervised By :mohammad ahmed 09/13/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.773 ng/ul

RT: 21.075 min Scan# 3075

Delta R.T. 0.006 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

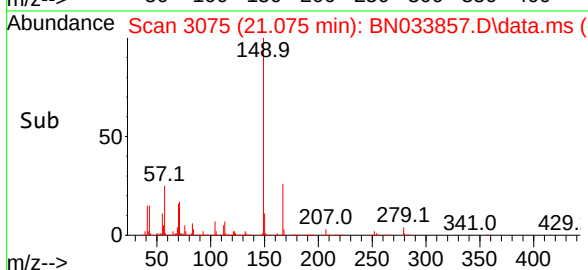
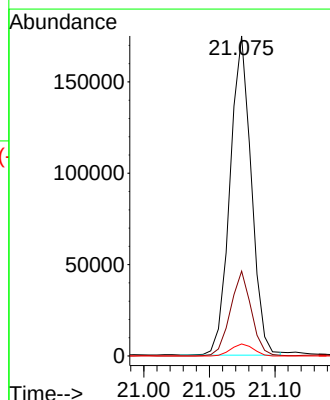
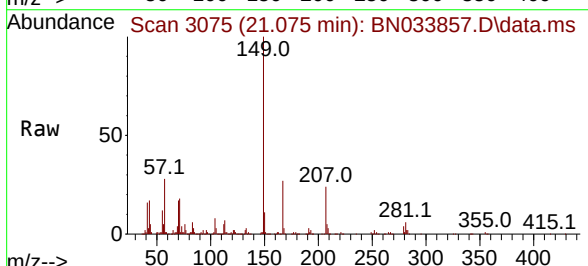
Tgt Ion:149 Resp: 197098

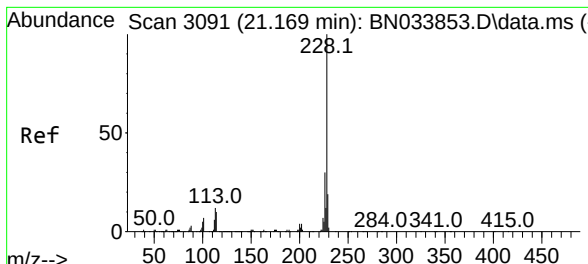
Ion Ratio Lower Upper

149 100

167 26.5 20.6 31.0

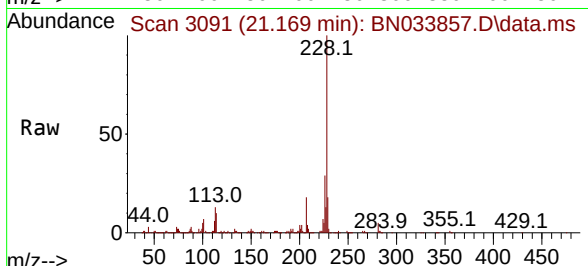
279 3.7 3.0 4.6





#87
Chrysene
 Concen: 4.090 ng/ul
 RT: 21.169 min Scan# 3091
 Delta R.T. 0.000 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

Instrument :
 BNA_N
ClientSampleId :
 MDL-SOIL-QT3-2024-05

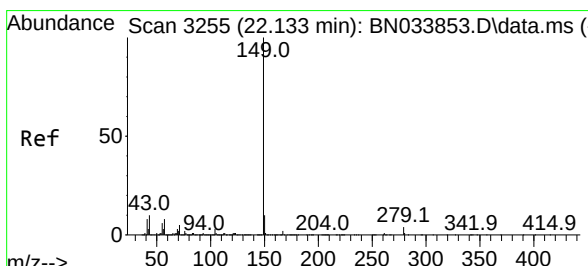
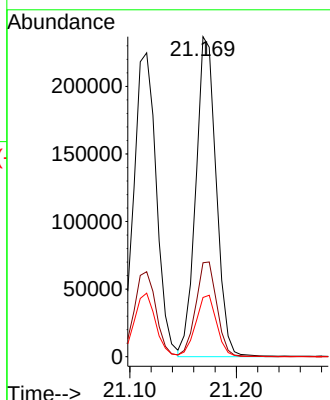
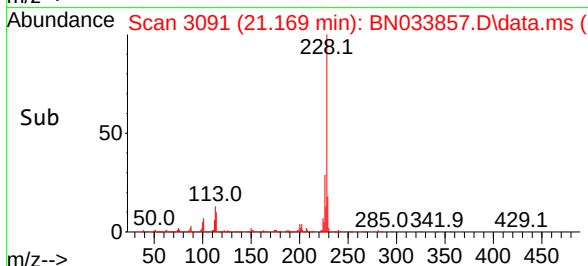


Tgt Ion: 228 Resp: 31621

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.5	33.7
229	18.5	15.8	23.6

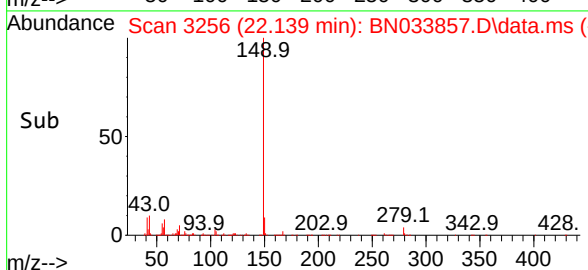
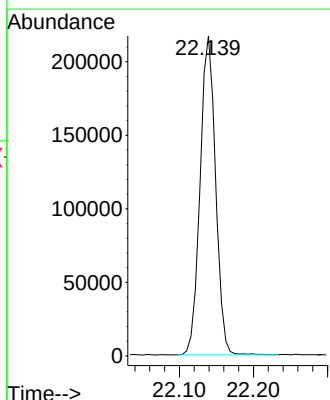
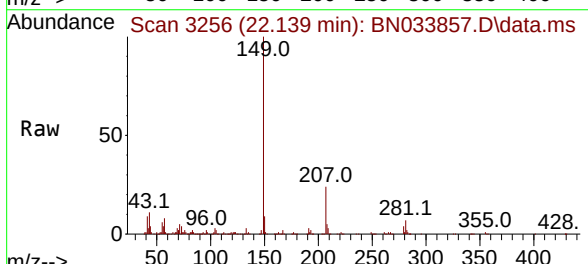
Manual Integrations
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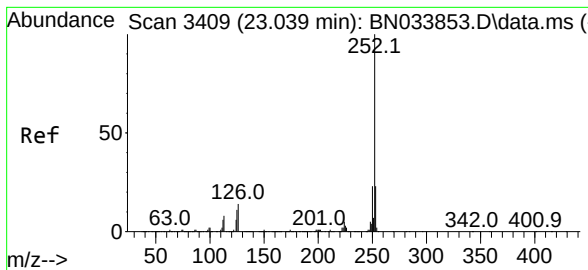
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#89
Di-n-octyl phthalate
 Concen: 3.723 ng/ul
 RT: 22.139 min Scan# 3256
 Delta R.T. 0.006 min
 Lab File: BN033857.D
 Acq: 11 Sep 2024 11:50

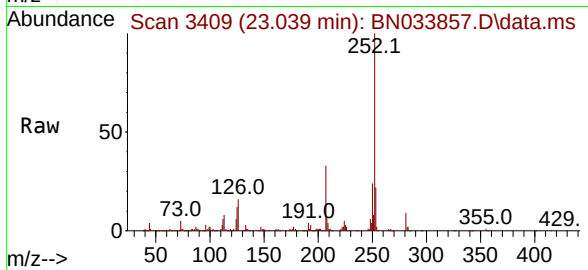
Tgt Ion: 149 Resp: 314890





#90
Benzo(b)fluoranthene
Concen: 4.330 ng/ul
RT: 23.039 min Scan# 3409
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

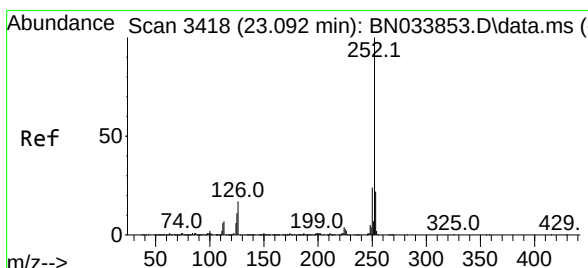
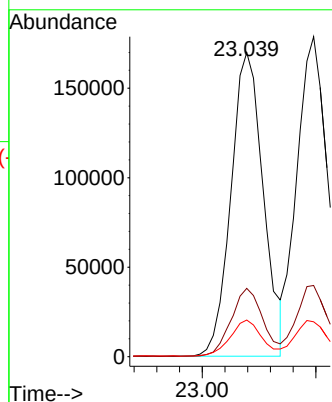
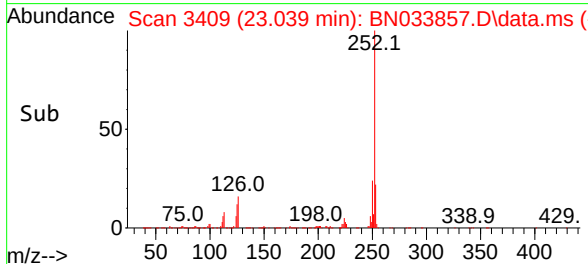
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



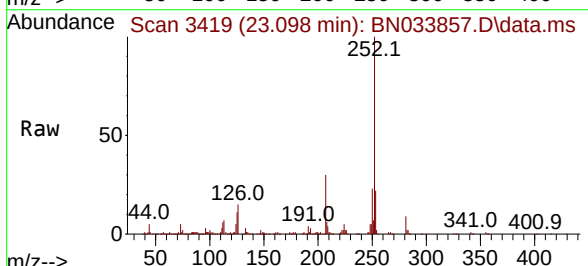
Tgt Ion:252 Resp: 335600
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.1 9.1 13.7

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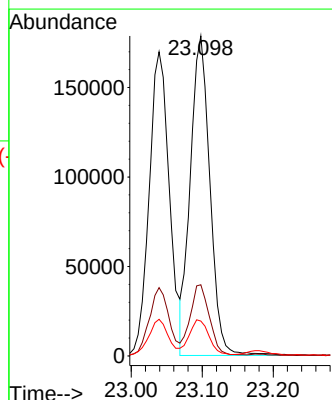
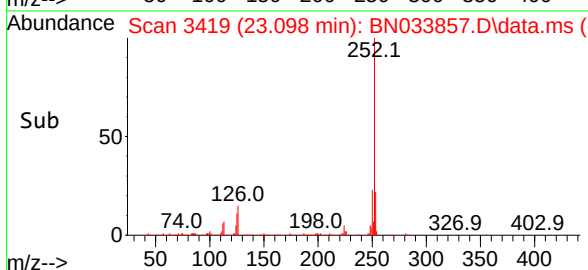
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

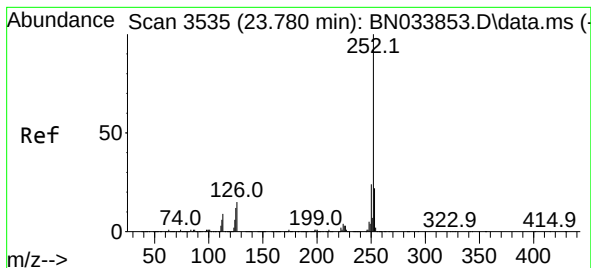


#91
Benzo(k)fluoranthene
Concen: 4.487 ng/ul
RT: 23.098 min Scan# 3419
Delta R.T. 0.000 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50



Tgt Ion:252 Resp: 343066
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.9 8.8 13.2





#93

Benzo(a)pyrene

Concen: 4.386 ng/ul

RT: 23.780 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BN033857.D

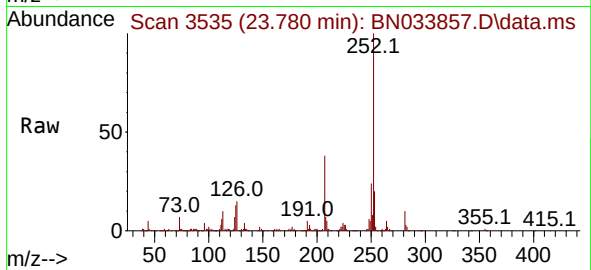
Acq: 11 Sep 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2024-05

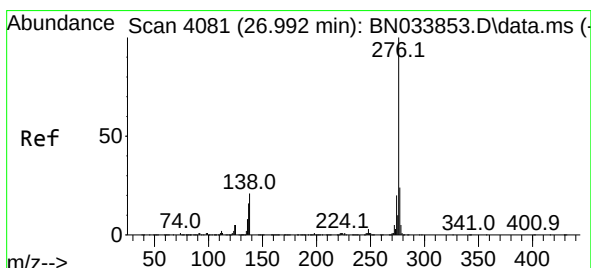
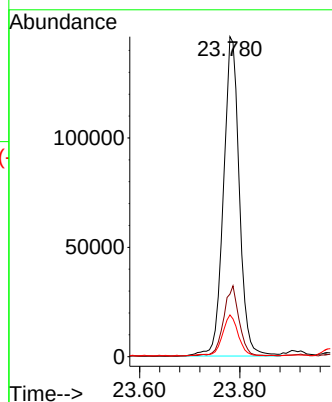
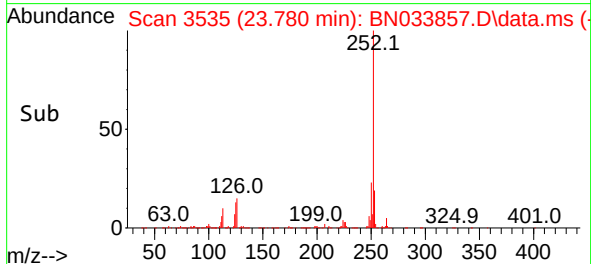


Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.6	15.8	23.8
125	13.1	9.0	13.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.288 ng/ul

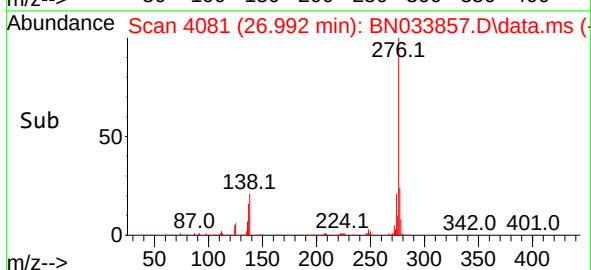
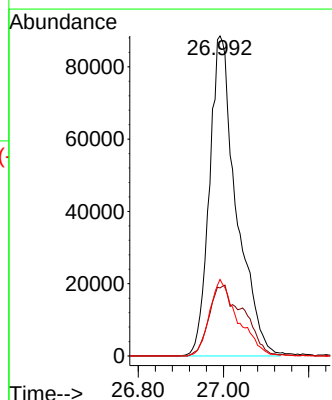
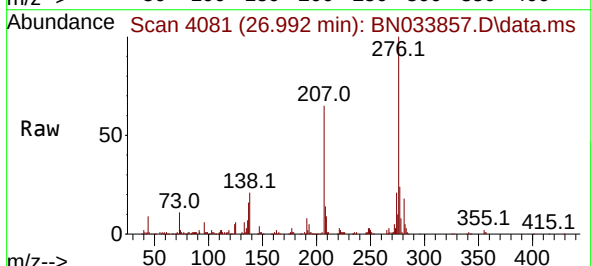
RT: 26.992 min Scan# 4081

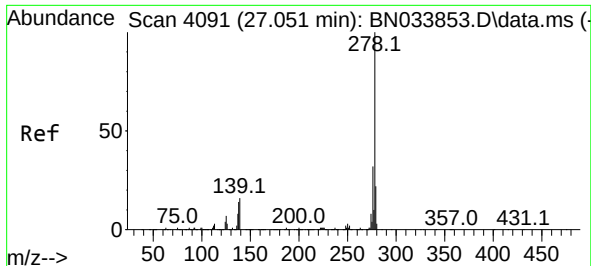
Delta R.T. -0.006 min

Lab File: BN033857.D

Acq: 11 Sep 2024 11:50

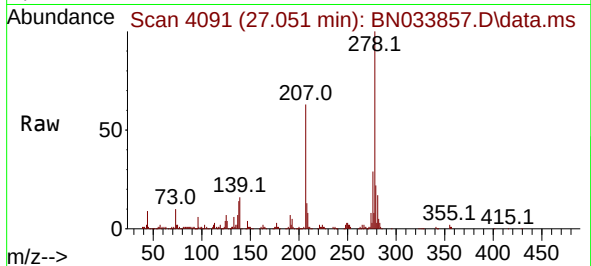
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.7	26.5
277	23.9	18.4	27.6





#95
Dibenzo(a,h)anthracene
Concen: 4.419 ng/ul
RT: 27.051 min Scan# 4091
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

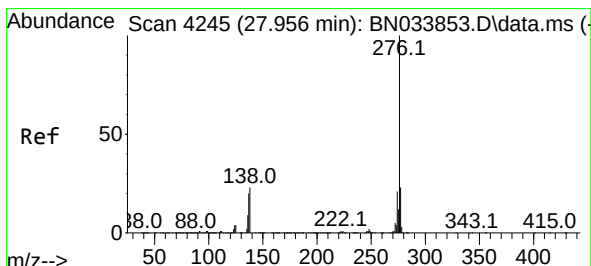
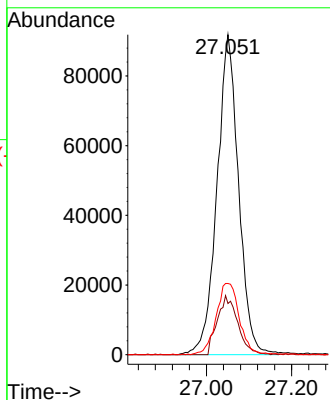
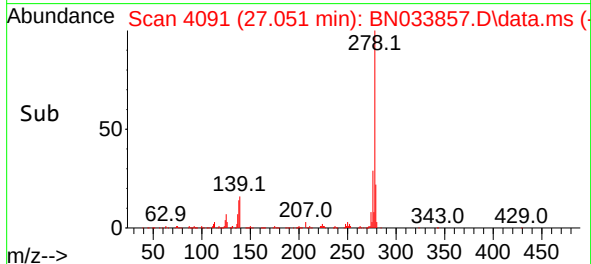
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:278 Resp: 324039
Ion Ratio Lower Upper
278 100
139 16.0 14.2 21.2
279 22.2 18.1 27.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#96
Benzo(g,h,i)perylene
Concen: 4.501 ng/ul
RT: 27.951 min Scan# 4244
Delta R.T. -0.006 min
Lab File: BN033857.D
Acq: 11 Sep 2024 11:50

Tgt Ion:276 Resp: 316969
Ion Ratio Lower Upper
276 100
138 23.7 19.0 28.4
277 24.6 18.0 27.0

