

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120224\
 Data File : BN035396.D
 Acq On : 02 Dec 2024 22:49
 Operator : RC/JU
 Sample : P4776-03
 Misc : MDL-SOIL-QT4-2024
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Dec 02 23:45:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	88284	20.000	ng/u1	0.00
20) Naphthalene-d8	10.051	136	368878	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.963	164	278395	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	617006	20.000	ng/u1	0.00
79) Chrysene-d12	20.974	240	656478	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	741317	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	5873	3.143	ng/uL	0.00
4) Pyridine-d5	3.340	84	62737	12.739	ng/u1	0.00
7) Phenol-d5	6.505	99	79308	12.610	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.663	67	47599	13.571	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	67008	12.573	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	66581	12.148	ng/u1	0.00
21) Nitrobenzene-d5	8.440	128	31097	12.976	ng/u1	0.00
24) 2-Nitrophenol-d4	9.151	143	35137	12.667	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	76815	12.670	ng/u1	0.00
31) 4-Chloroaniline-d4	10.198	131	95415	12.746	ng/u1	0.00
46) Dimethylphthalate-d6	13.387	166	252515	12.632	ng/u1	0.00
49) Acenaphthylene-d8	13.645	160	287621	13.065	ng/u1	0.00
54) 4-Nitrophenol-d4	14.192	143	40429	12.282	ng/u1	0.00
60) Fluorene-d10	14.969	176	226328	13.111	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	34590	10.630	ng/u1	0.00
73) Anthracene-d10	16.822	188	358608	13.177	ng/u1	0.00
81) Pyrene-d10	19.145	212	449692	12.970	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	488373	13.605	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	2100m	1.002	ng/uL	
5) Pyridine	3.364	79	20356	4.122	ng/u1#	84
6) Benzaldehyde	6.463	77	16683	4.918	ng/u1	98
8) Phenol	6.528	94	29029	4.457	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.752	93	22534	4.419	ng/u1	98
12) 2-Chlorophenol	6.875	128	23552	4.246	ng/u1	97
13) 2-Methylphenol	7.752	108	19694	3.894	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	7.828	45	17972	4.459	ng/u1#	91
16) Acetophenone	8.110	105	38374	4.433	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.110	70	16484	4.006	ng/u1	99
18) 4-Methylphenol	8.075	108	23600	4.199	ng/u1	97
19) Hexachloroethane	8.351	117	10290	4.342	ng/u1	92
22) Nitrobenzene	8.481	77	27682	4.599	ng/u1	98
23) Isophorone	9.004	82	48631	4.031	ng/u1	96
25) 2-Nitrophenol	9.181	139	13255	4.218	ng/u1	96
26) 2,4-Dimethylphenol	9.263	107	19252	3.056	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.498	93	31569	4.296	ng/u1	97
29) 2,4-Dichlorophenol	9.710	162	26266	4.282	ng/u1	94
30) Naphthalene	10.098	128	83740	4.467	ng/u1	99
32) 4-Chloroaniline	10.222	127	31496	4.392	ng/u1	99
33) Hexachlorobutadiene	10.393	225	19639	4.536	ng/u1	97
34) Caprolactam	10.993	113	6611m	3.730	ng/u1	
35) 4-Chloro-3-methylphenol	11.363	107	24897	3.896	ng/u1	94
36) 2-Methylnaphthalene	11.728	142	61320	4.393	ng/u1	98

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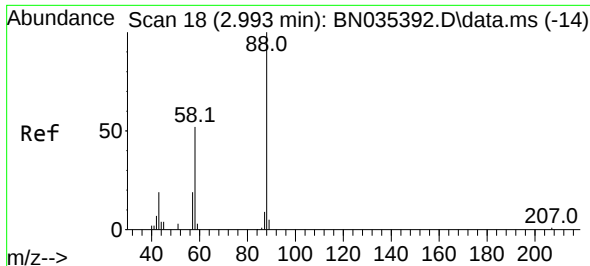
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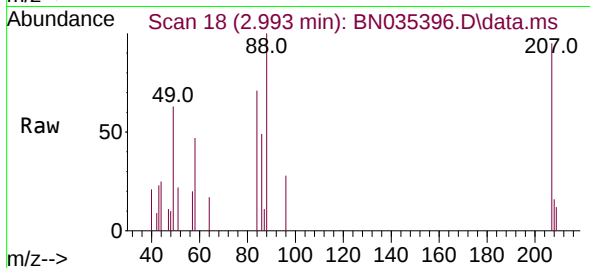
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.951	142	56628	3.957	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.110	216	37541	4.576	ng/ul	97
40) Hexachlorocyclopentadiene	12.092	237	20486	4.970	ng/ul	92
41) 2,4,6-Trichlorophenol	12.369	196	21927	4.121	ng/ul	94
42) 2,4,5-Trichlorophenol	12.434	196	24001	4.049	ng/ul	96
43) 1,1'-Biphenyl	12.781	154	86298	4.492	ng/ul	94
44) 2-Chloronaphthalene	12.810	162	68121	4.433	ng/ul	97
45) 2-Nitroaniline	13.034	65	10443	3.457	ng/ul	95
47) Dimethylphthalate	13.434	163	84276	4.214	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	10817	3.245	ng/ul#	88
50) Acenaphthylene	13.675	152	105224	4.497	ng/ul	99
51) 3-Nitroaniline	13.881	138	10894	3.156	ng/ul#	88
52) Acenaphthene	14.028	153	73107	4.341	ng/ul	98
53) 2,4-Dinitrophenol	14.086	184	14460	6.211	ng/ul	96
55) 4-Nitrophenol	14.204	109	12986	4.177	ng/ul	94
56) Dibenzofuran	14.369	168	106597	4.452	ng/ul	99
57) 2,4-Dinitrotoluene	14.345	165	19292	3.647	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.604	232	20905	4.048	ng/ul#	98
59) Diethylphthalate	14.828	149	79722	4.079	ng/ul	98
61) Fluorene	15.022	166	87793	4.551	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.034	204	45095	4.575	ng/ul	99
63) 4-Nitroaniline	15.051	138	12492	3.731	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.116	198	15903	4.511	ng/ul#	92
67) N-Nitrosodiphenylamine	15.251	169	71829	4.382	ng/ul	95
68) 4-Bromophenyl-phenylether	15.933	248	27674	4.435	ng/ul	95
69) Hexachlorobenzene	16.033	284	33474	4.519	ng/ul	99
70) Atrazine	16.222	200	26265	4.486	ng/ul	99
71) Pentachlorophenol	16.381	266	35831	7.619	ng/ul	95
72) Phenanthrene	16.769	178	148485	4.674	ng/ul	100
74) Anthracene	16.857	178	141348	4.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.734	216	33536	4.099	ng/ul	97
76) Pentachlorobenzene	14.286	250	34537	4.101	ng/ul	96
77) Carbazole	17.139	167	128026	4.797	ng/ul	98
78) Di-n-butylphthalate	17.739	149	132667	4.270	ng/ul	99
80) Fluoranthene	18.810	202	177949	4.373	ng/ul	99
82) Pyrene	19.174	202	196494	4.503	ng/ul	98
83) Butylbenzylphthalate	20.127	149	47892	3.894	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.910	252	37597	3.212	ng/ul	94
85) Benzo(a)anthracene	20.963	228	201006	4.561	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.939	149	78008	4.022	ng/ul	99
87) Chrysene	21.016	228	196092	4.618	ng/ul	98
89) Di-n-octyl phthalate	21.963	149	122426	3.633	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	199528	4.669	ng/ul	98
91) Benzo(k)fluoranthene	22.868	252	191728	4.382	ng/ul	99
93) Benzo(a)pyrene	23.527	252	173846	4.335	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	204121	4.267	ng/ul	99
95) Dibenzo(a,h)anthracene	26.645	278	166698	4.301	ng/ul	99
96) Benzo(g,h,i)perylene	27.503	276	155108	4.272	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.002 ng/uL m
RT: 2.993 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035396.D
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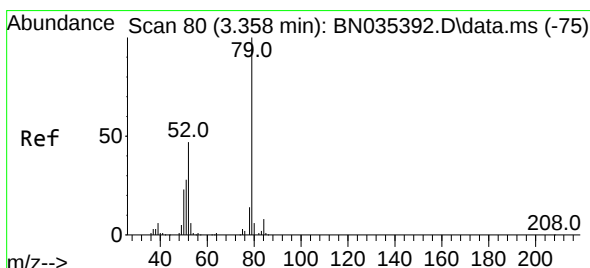
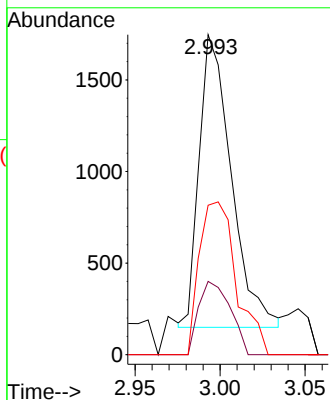
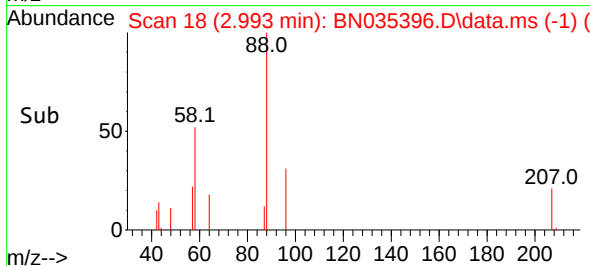
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 88 Resp: 2100
Ion Ratio Lower Upper
88 100
43 22.9 14.0 21.0
58 46.7 44.0 66.0

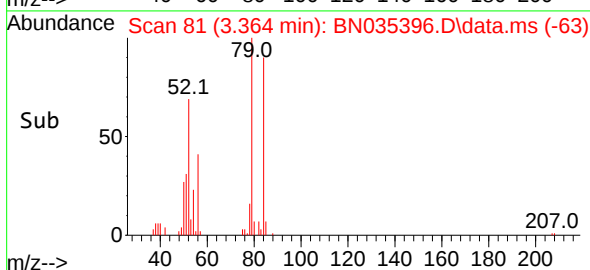
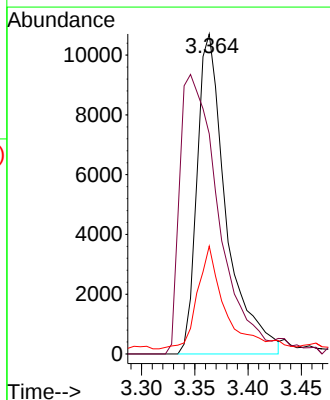
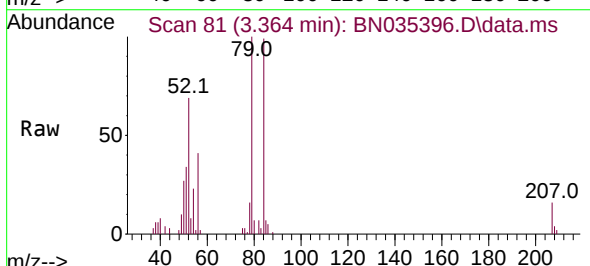
Manual Integrations
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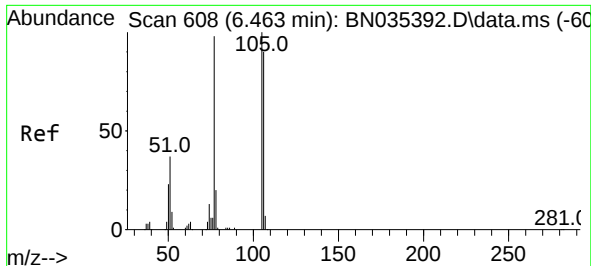
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#5
Pyridine
Concen: 4.122 ng/uL
RT: 3.364 min Scan# 81
Delta R.T. 0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

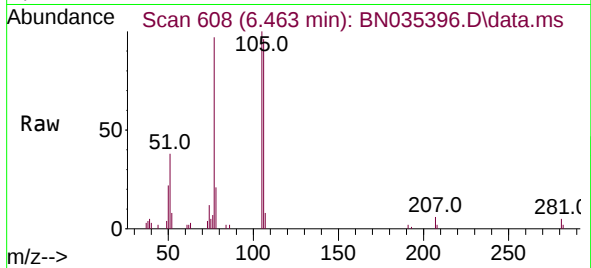
Tgt Ion: 79 Resp: 20356
Ion Ratio Lower Upper
79 100
52 68.8 44.5 66.7#
51 33.7 22.6 33.8





#6
Benzaldehyde
Concen: 4.918 ng/ul
RT: 6.463 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

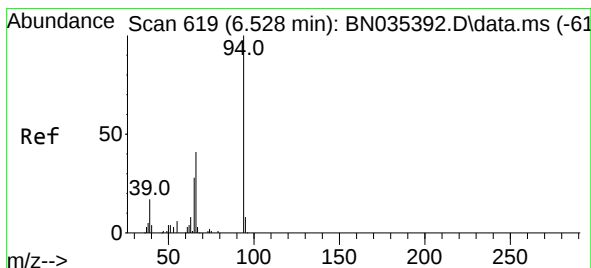
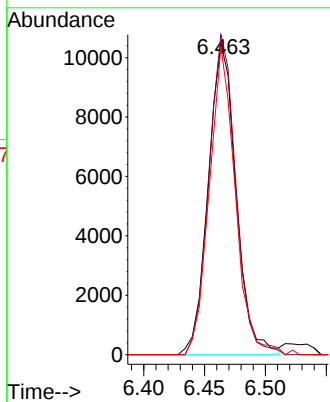
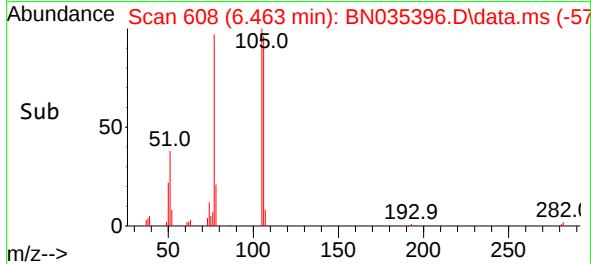
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 77 Resp: 1668
Ion Ratio Lower Upper
77 100
105 102.8 82.2 123.2
106 98.9 76.2 114.4

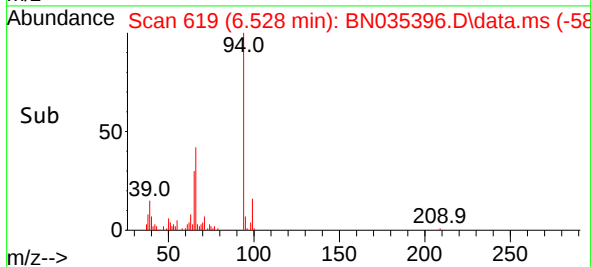
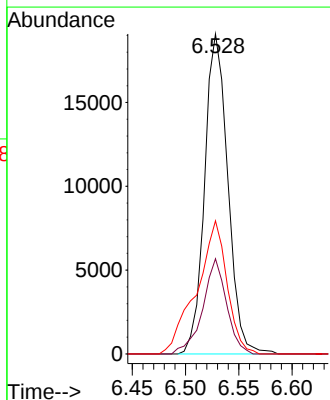
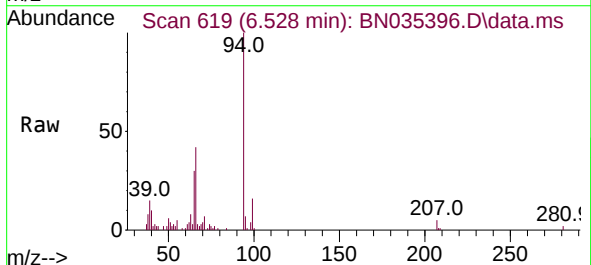
Manual Integrations
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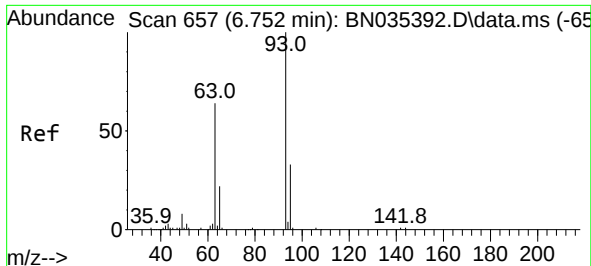
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#8
Phenol
Concen: 4.457 ng/ul
RT: 6.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

Tgt Ion: 94 Resp: 29029
Ion Ratio Lower Upper
94 100
65 29.8 21.6 32.4
66 41.6 32.1 48.1





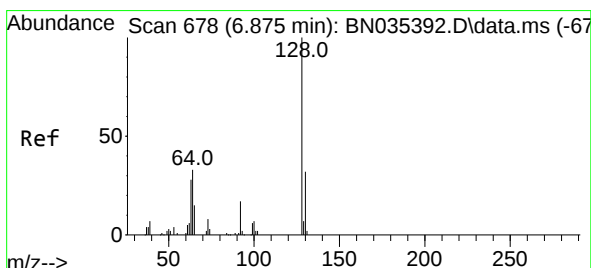
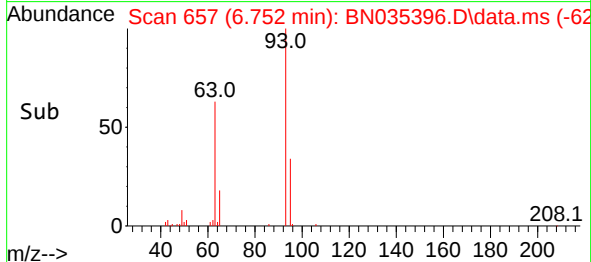
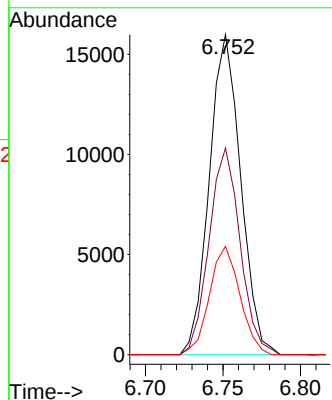
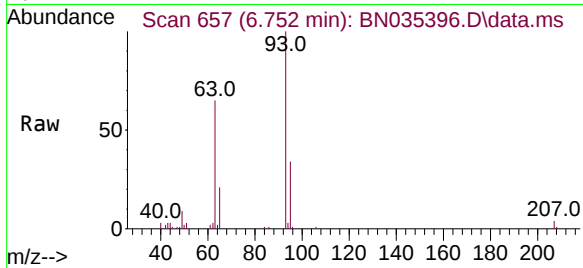
#10
Bis(2-Chloroethyl)ether
Concen: 4.419 ng/ul
RT: 6.752 min Scan# 657
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion: 93	Resp: 22534
Ion Ratio	Lower Upper
93 100	
63 64.6	51.5 77.3
95 33.9	25.3 37.9

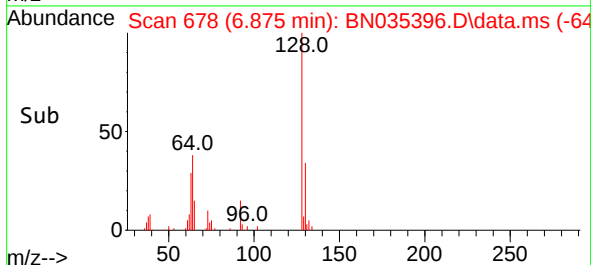
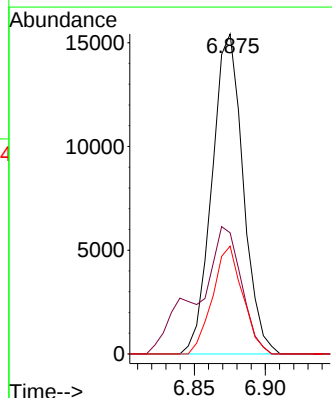
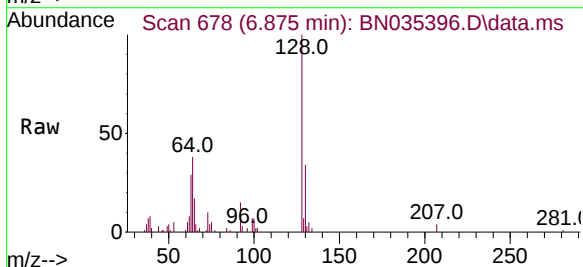
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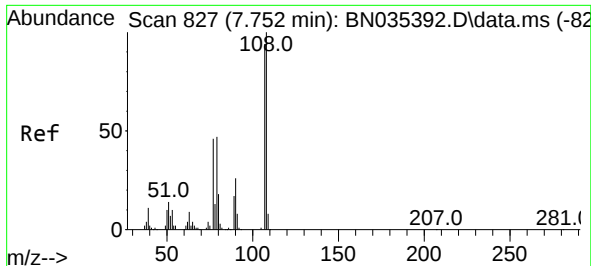
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#12
2-Chlorophenol
Concen: 4.246 ng/ul
RT: 6.875 min Scan# 678
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

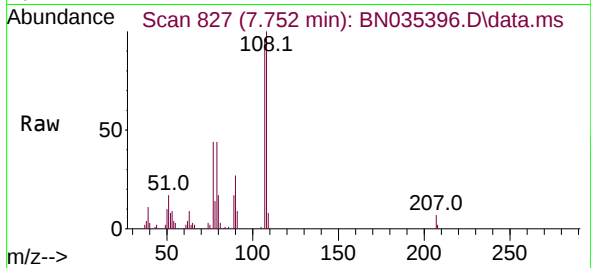
Tgt Ion:128	Resp: 23552
Ion Ratio	Lower Upper
128 100	
64 37.9	32.9 49.3
130 33.7	26.8 40.2





#13
2-Methylphenol
Concen: 3.894 ng/ul
RT: 7.752 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

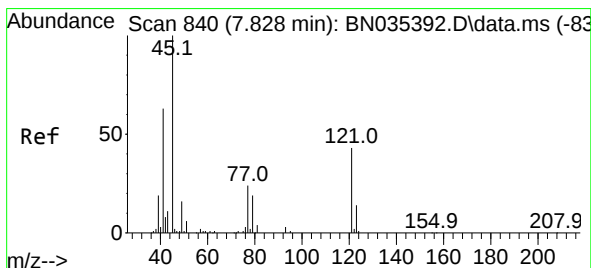
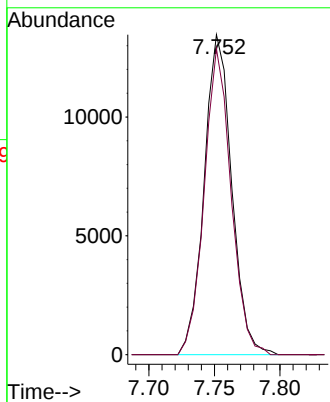
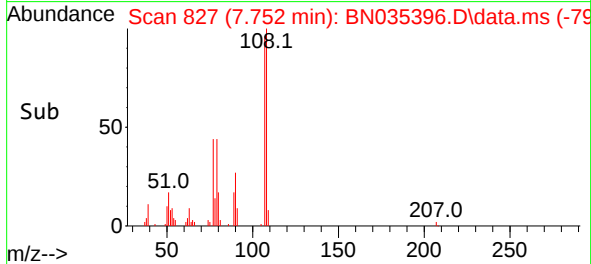
Instrument :
BNA_N
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MDL-SOIL-QT4-2024-07



Tgt Ion:108 Resp: 19694
Ion Ratio Lower Upper
108 100
107 95.6 72.3 108.5

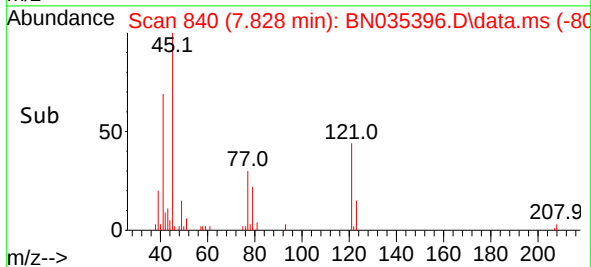
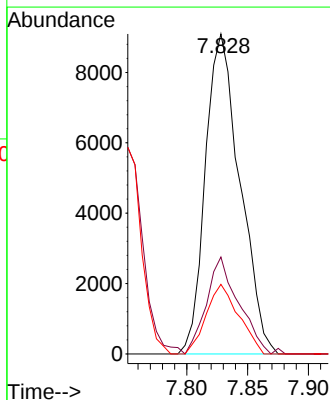
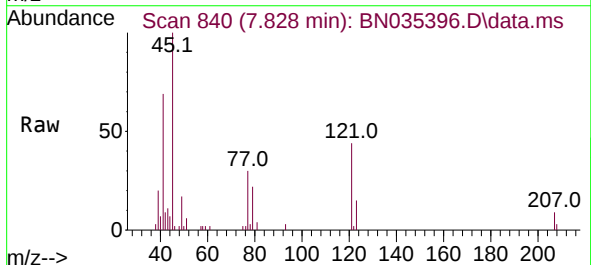
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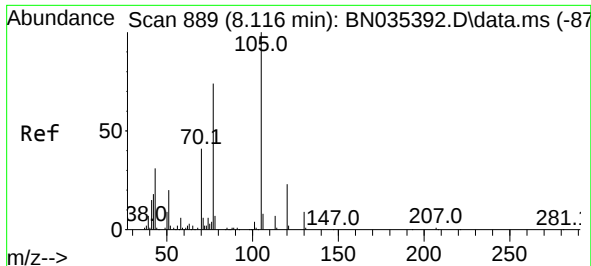
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.459 ng/ul
RT: 7.828 min Scan# 840
Delta R.T. -0.000 min
Lab File: BN035396.D
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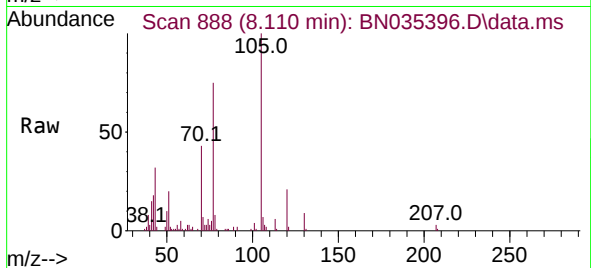
Tgt Ion: 45 Resp: 17972
Ion Ratio Lower Upper
45 100
77 30.3 20.7 31.1
79 21.7 14.4 21.6#





#16
Acetophenone
Concen: 4.433 ng/ul
RT: 8.110 min Scan# 889
Delta R.T. -0.006 min
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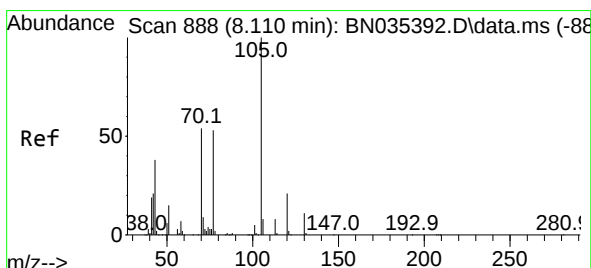
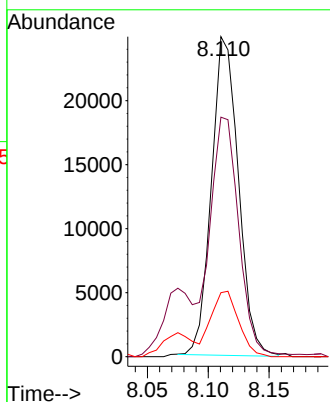
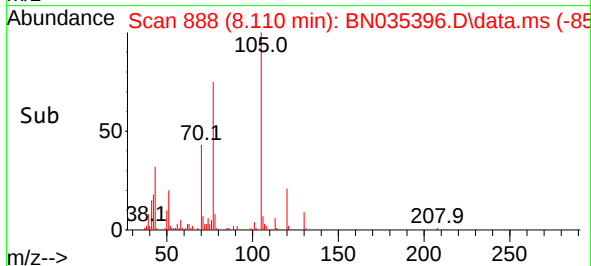
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



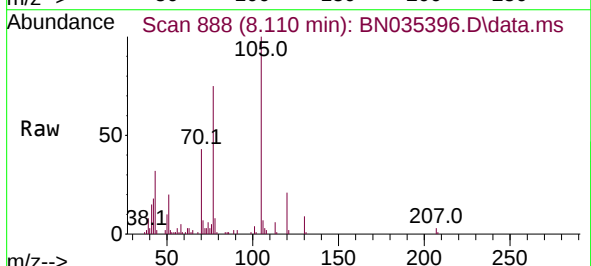
Tgt Ion: 105 Resp: 38374
Ion Ratio Lower Upper
105 100
77 74.9 61.6 92.4
51 20.0 16.2 24.2

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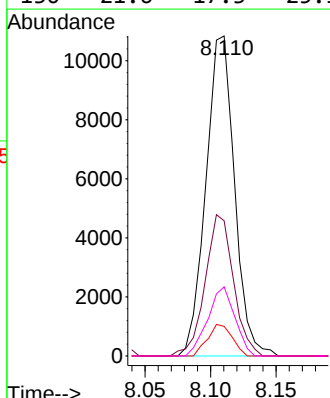
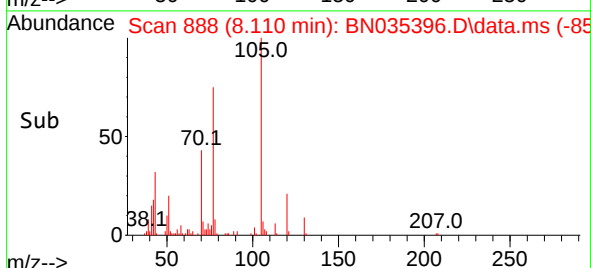
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

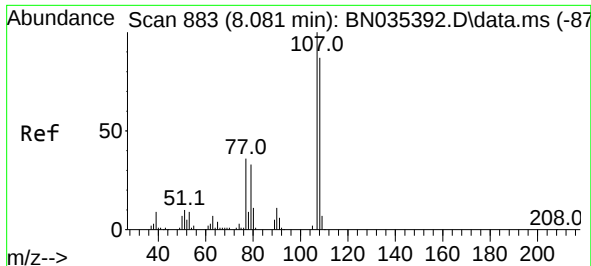


#17
N-Nitroso-di-n-propylamine
Concen: 4.006 ng/ul
RT: 8.110 min Scan# 888
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



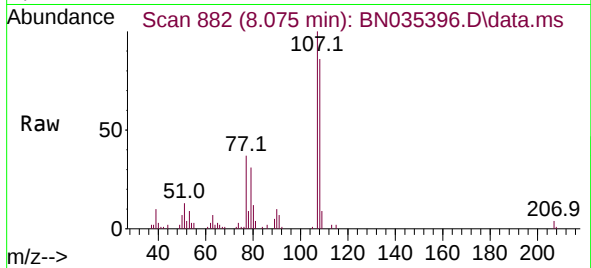
Tgt Ion: 70 Resp: 16484
Ion Ratio Lower Upper
70 100
42 42.3 34.6 52.0
101 9.2 8.5 12.7
130 21.6 17.3 25.9





#18
4-Methylphenol
Concen: 4.199 ng/ul
RT: 8.075 min Scan# 883
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

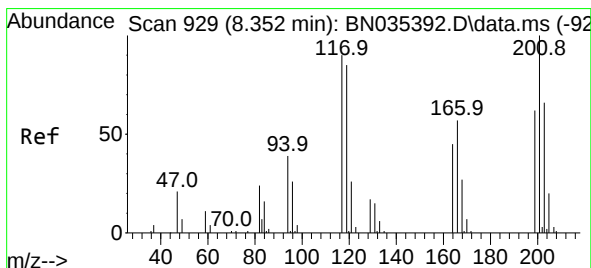
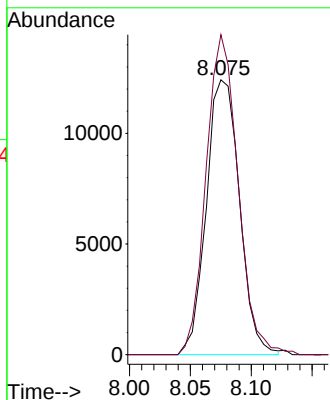
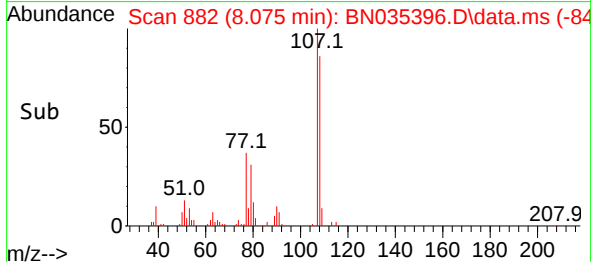
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:108 Resp: 23600
Ion Ratio Lower Upper
108 100
107 116.4 90.7 136.1

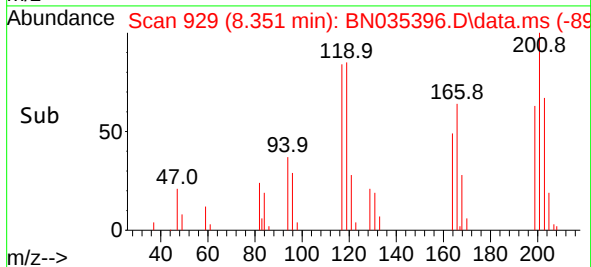
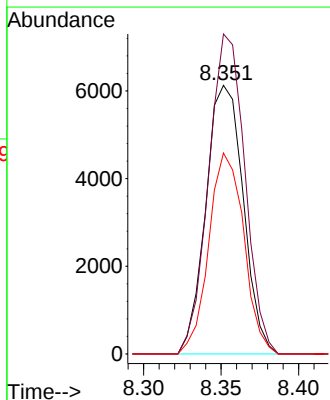
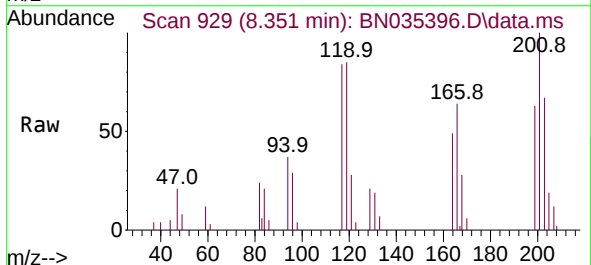
Manual Integrations
APPROVED

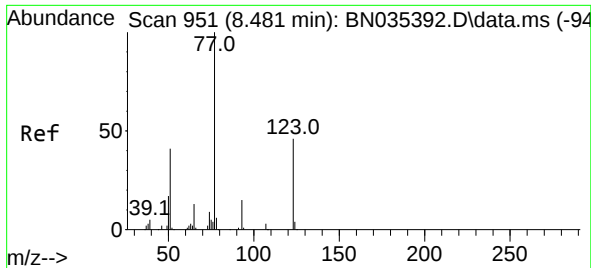
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#19
Hexachloroethane
Concen: 4.342 ng/ul
RT: 8.351 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

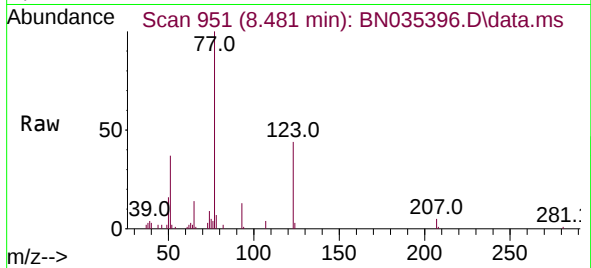
Tgt Ion:117 Resp: 10290
Ion Ratio Lower Upper
117 100
201 119.1 88.2 132.4
199 74.8 55.6 83.4





#22
Nitrobenzene
Concen: 4.599 ng/ul
RT: 8.481 min Scan# 951
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

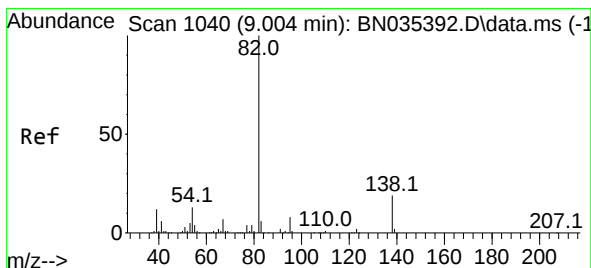
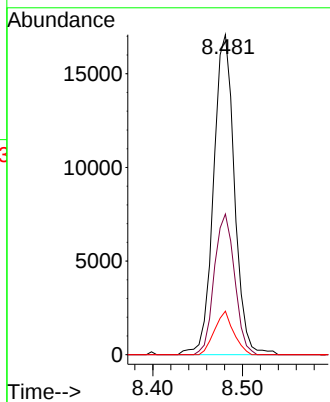
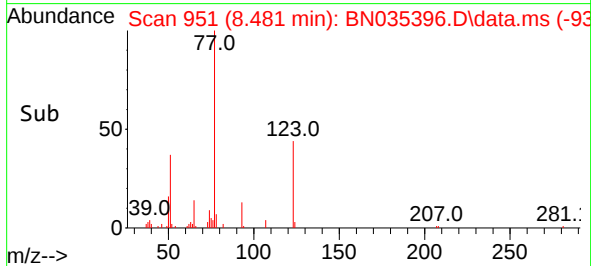
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



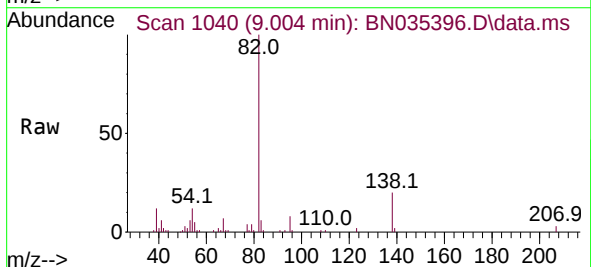
Tgt Ion: 77 Resp: 2768
Ion Ratio Lower Upper
77 100
123 44.0 36.1 54.1
65 13.6 10.3 15.5

Manual Integrations
APPROVED

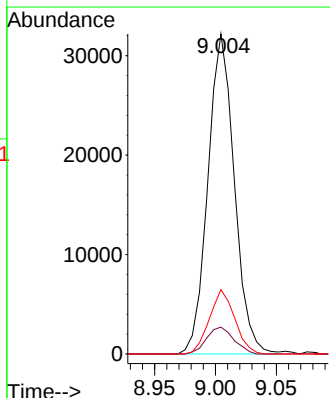
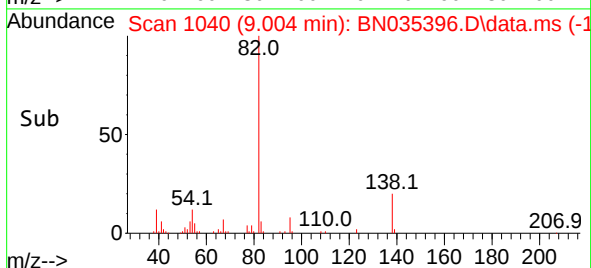
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

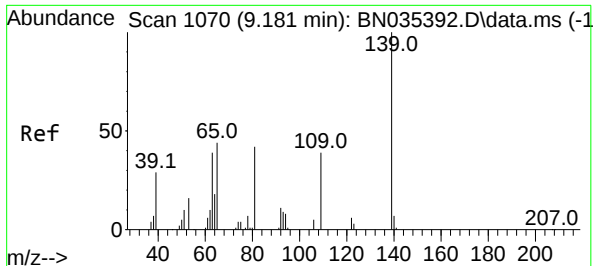


#23
Isophorone
Concen: 4.031 ng/ul
RT: 9.004 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



Tgt Ion: 82 Resp: 48631
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.4
138 20.1 14.5 21.7





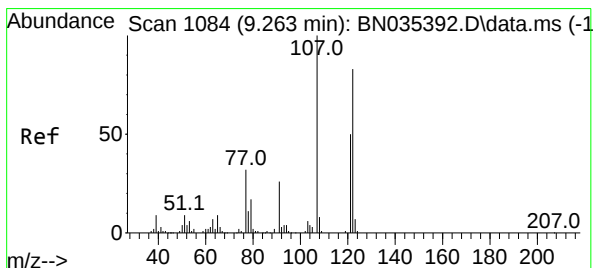
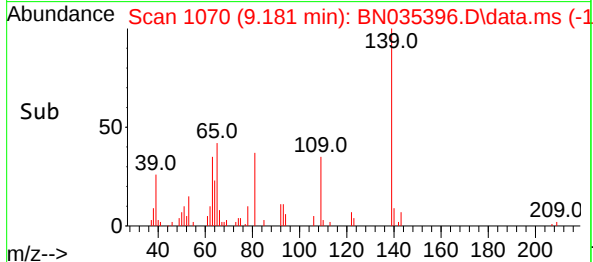
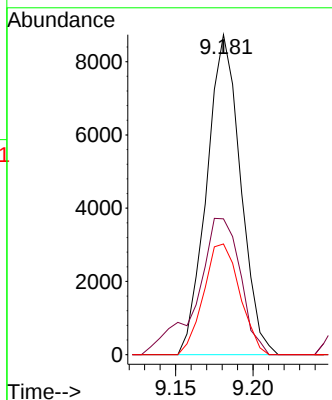
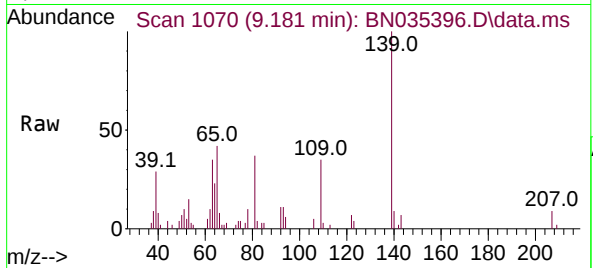
#25
2-Nitrophenol
Concen: 4.218 ng/ul
RT: 9.181 min Scan# 1070
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07

Tgt Ion:139 Resp: 1325
Ion Ratio Lower Upper
139 100
65 42.5 37.4 56.0
109 34.6 28.6 42.8

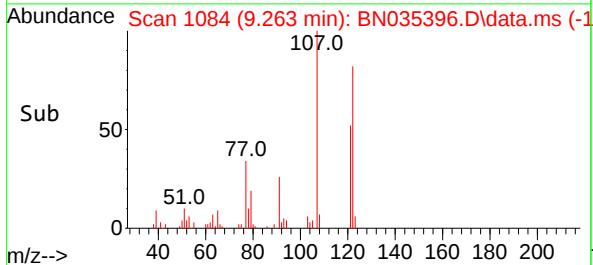
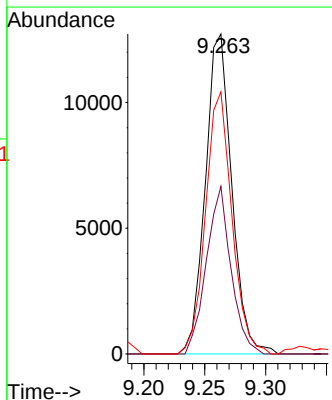
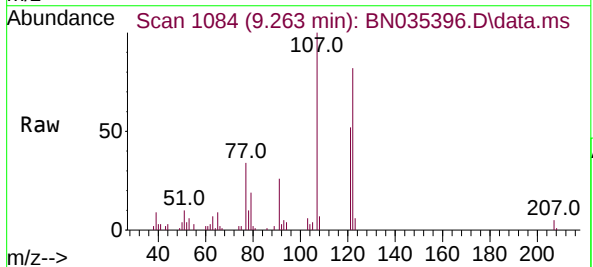
Manual Integrations
APPROVED

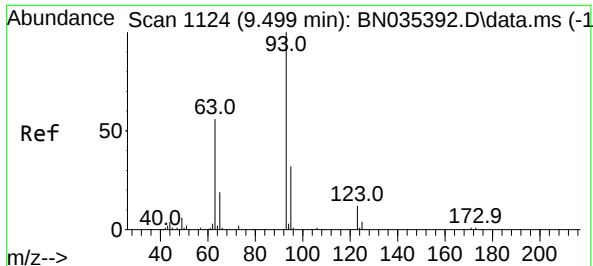
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#26
2,4-Dimethylphenol
Concen: 3.056 ng/ul
RT: 9.263 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

Tgt Ion:107 Resp: 19252
Ion Ratio Lower Upper
107 100
121 52.3 38.1 57.1
122 81.9 63.8 95.6





#27

Bis(2-Chloroethoxy)methane

Concen: 4.296 ng/ul

RT: 9.498 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

Instrument :

BNA_N

ClientSampleId :

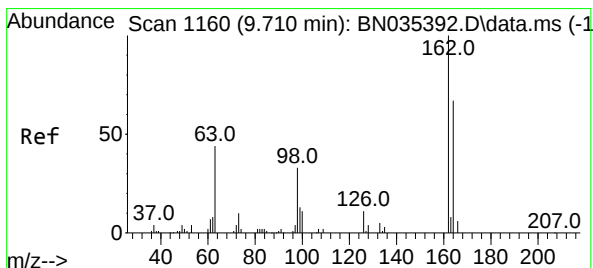
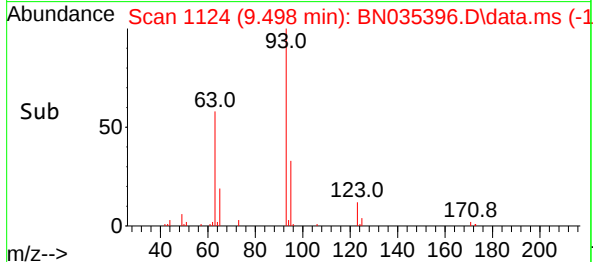
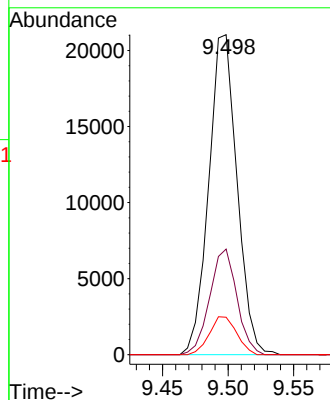
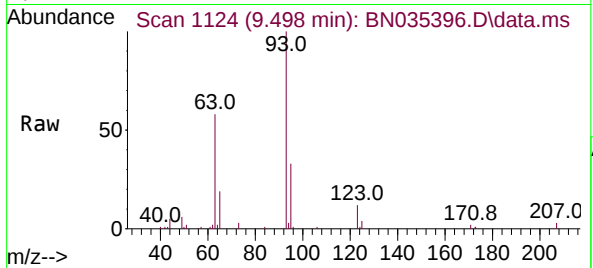
MDL-SOIL-QT4-2024-07

Tgt Ion:	93	Resp:	3156
Ion Ratio	Lower	Upper	
93	100		
95	33.0	24.9	37.3
123	11.7	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#29

2,4-Dichlorophenol

Concen: 4.282 ng/ul

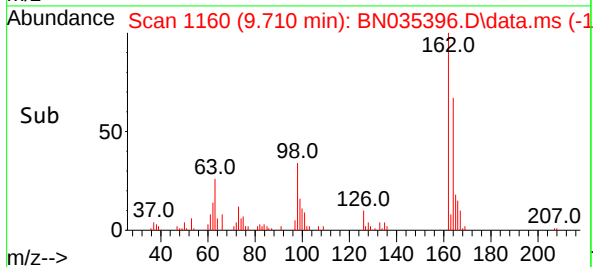
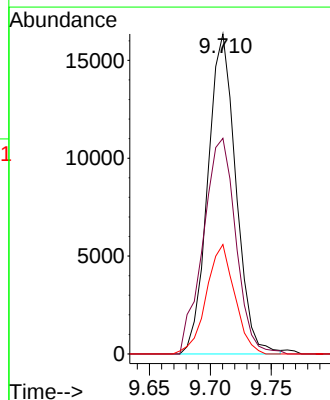
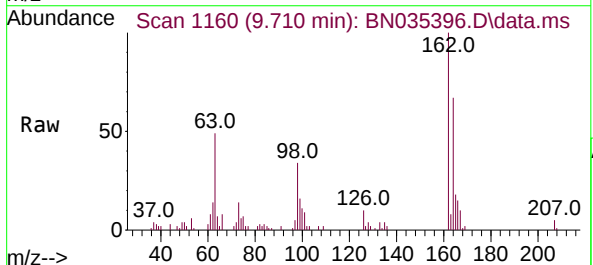
RT: 9.710 min Scan# 1160

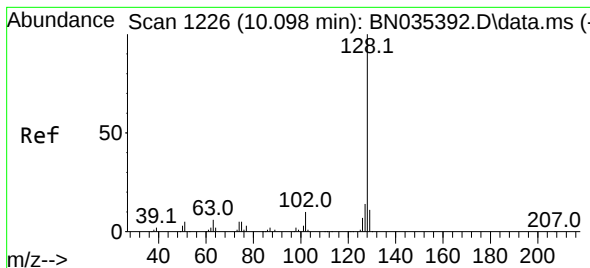
Delta R.T. -0.000 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

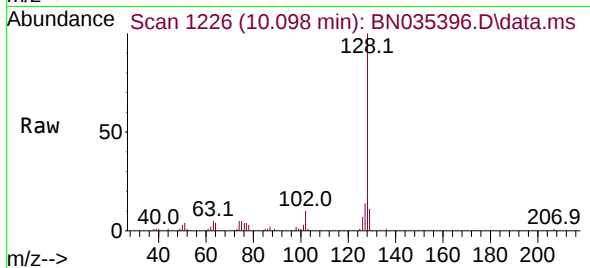
Tgt Ion:	162	Resp:	26266
Ion Ratio	Lower	Upper	
162	100		
164	67.4	49.6	74.4
98	34.2	26.1	39.1





#30
Naphthalene
Concen: 4.467 ng/ul
RT: 10.098 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

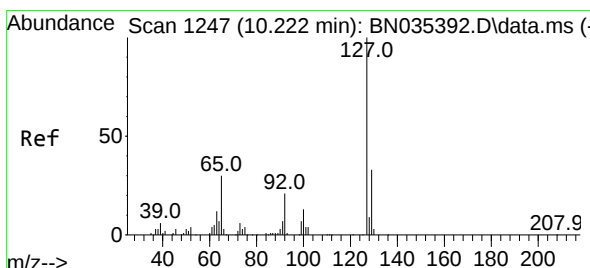
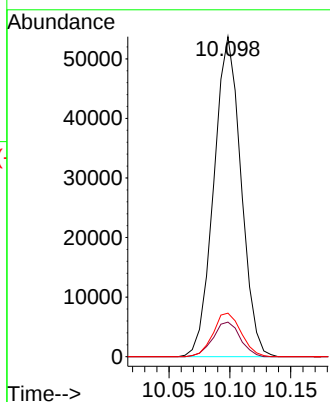
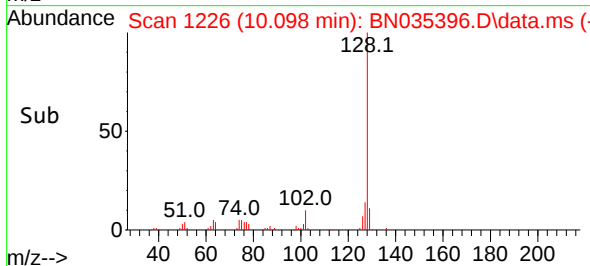
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



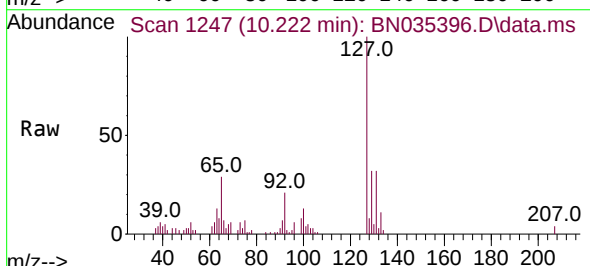
Tgt Ion:128 Resp: 83740
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.6 11.1 16.7

Manual Integrations
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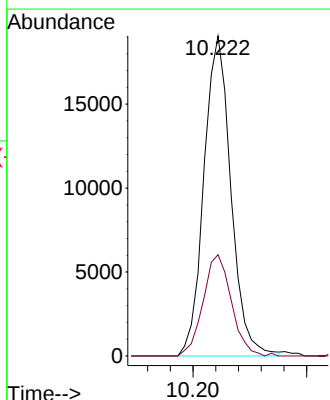
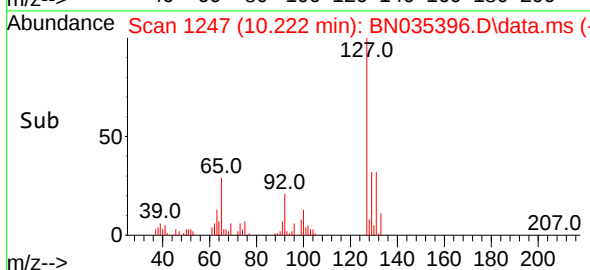
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

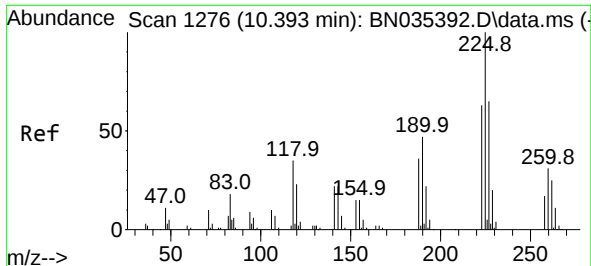


#32
4-Chloroaniline
Concen: 4.392 ng/ul
RT: 10.222 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



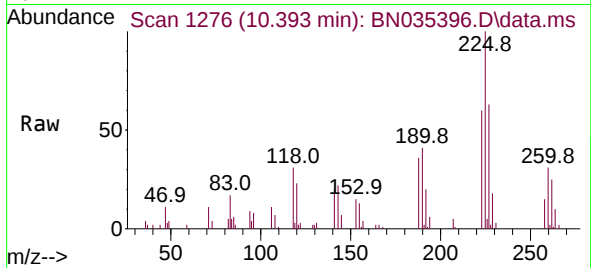
Tgt Ion:127 Resp: 31496
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.6





#33
Hexachlorobutadiene
Concen: 4.536 ng/ul
RT: 10.393 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

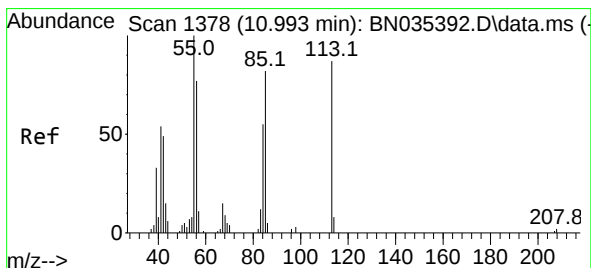
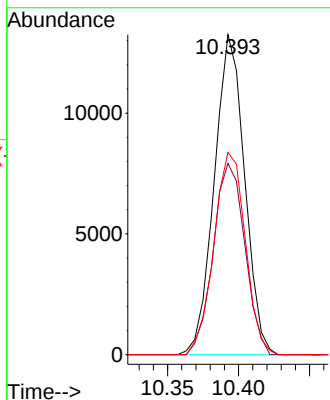
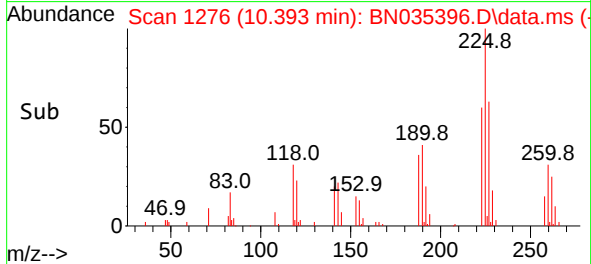
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion:225 Resp: 19639
Ion Ratio Lower Upper
225 100
223 59.7 49.8 74.8
227 63.2 51.7 77.5

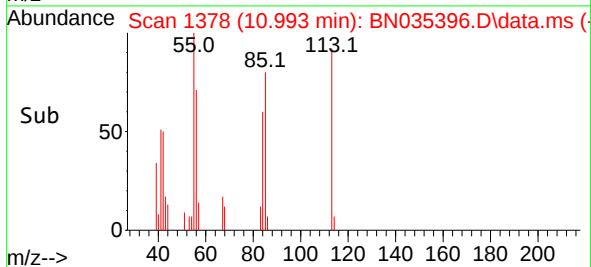
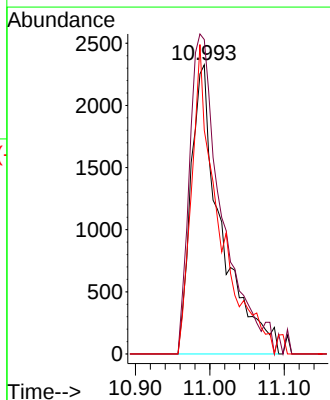
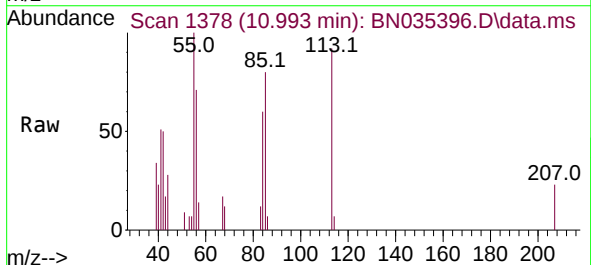
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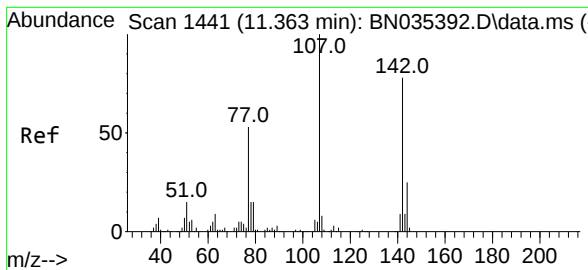
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#34
Caprolactam
Concen: 3.730 ng/ul m
RT: 10.993 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

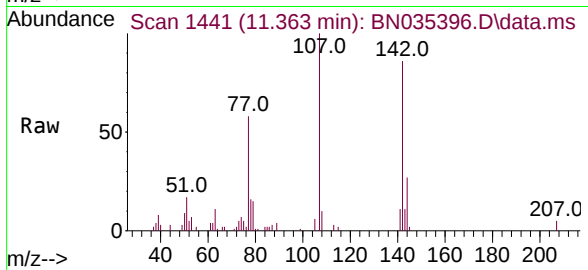
Tgt Ion:113 Resp: 6611
Ion Ratio Lower Upper
113 100
55 108.8 89.3 133.9
56 77.4 69.4 104.0





#35
4-Chloro-3-methylphenol
Concen: 3.896 ng/ul
RT: 11.363 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

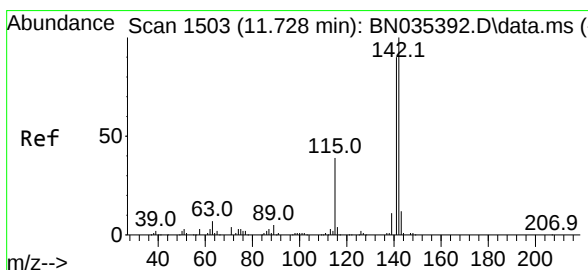
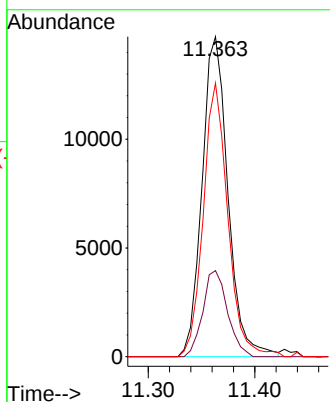
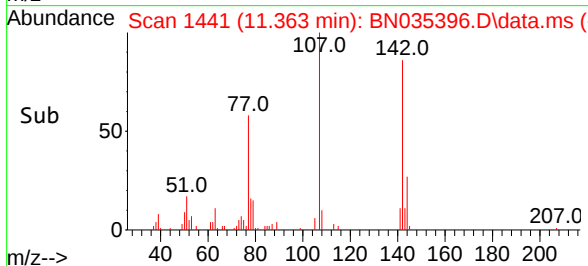
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:107 Resp: 2489
Ion Ratio Lower Upper
107 100
144 26.9 20.8 31.2
142 85.5 63.4 95.2

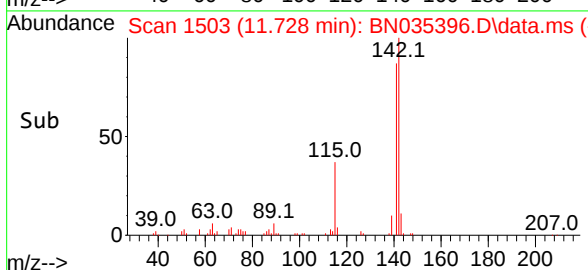
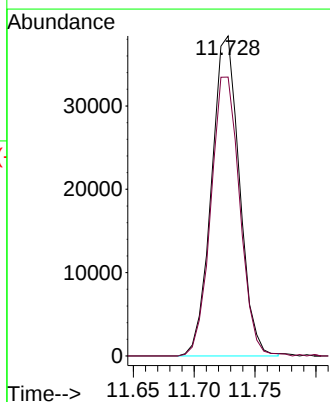
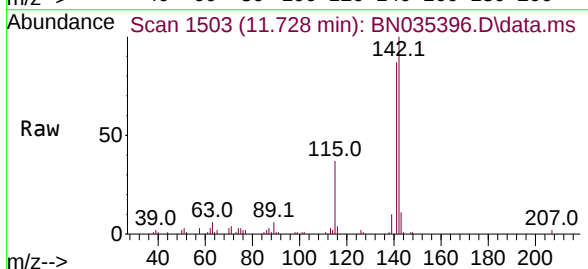
Manual Integrations
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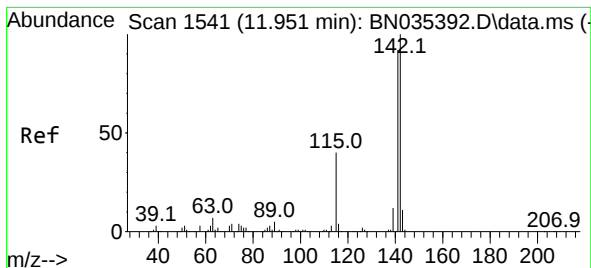
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#36
2-Methylnaphthalene
Concen: 4.393 ng/ul
RT: 11.728 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

Tgt Ion:142 Resp: 61320
Ion Ratio Lower Upper
142 100
141 87.2 71.2 106.8





#37

1-Methylnaphthalene

Concen: 3.957 ng/ul

RT: 11.951 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

Instrument :

BNA_N

ClientSampleId :

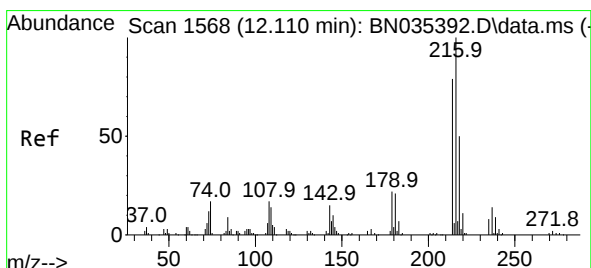
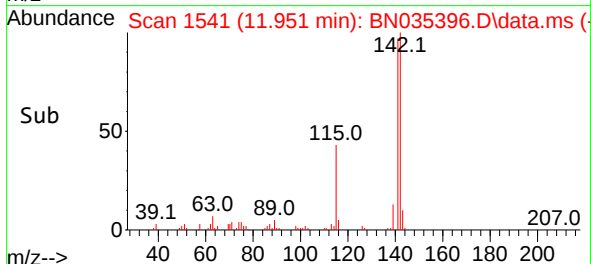
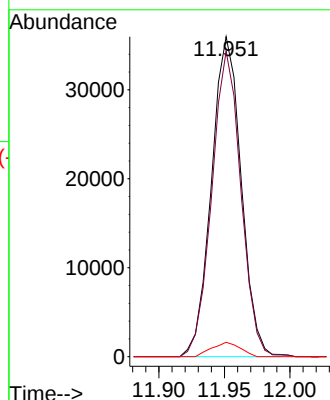
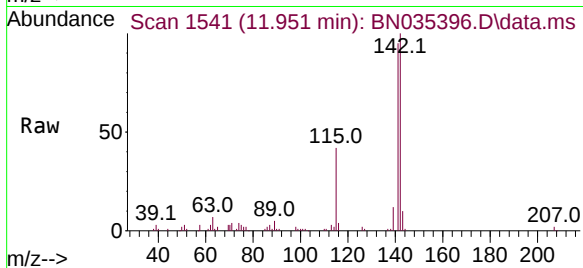
MDL-SOIL-QT4-2024-07

Tgt Ion:	142	Resp:	56628
Ion Ratio	Lower	Upper	
142	100		
141	95.4	72.6	108.8
116	4.5	3.1	4.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.576 ng/ul

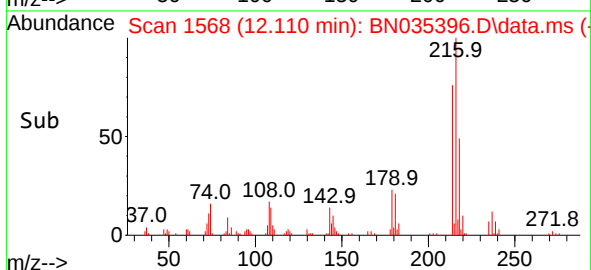
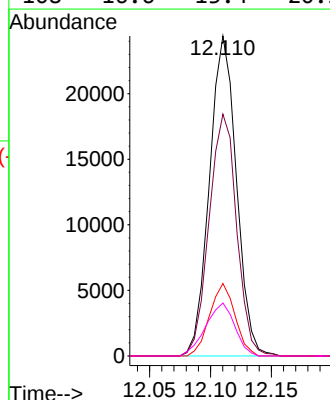
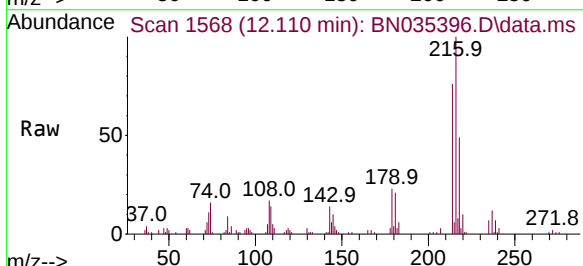
RT: 12.110 min Scan# 1568

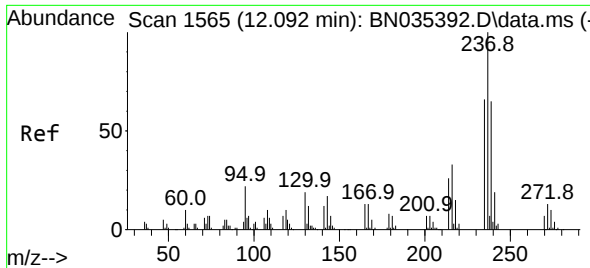
Delta R.T. -0.000 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

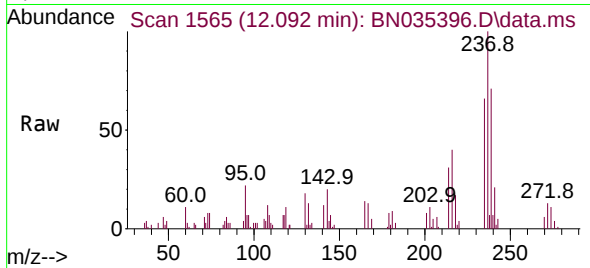
Tgt Ion:	216	Resp:	37541
Ion Ratio	Lower	Upper	
216	100		
214	75.6	63.1	94.7
179	22.7	18.1	27.1
108	16.6	13.4	20.2





#40
Hexachlorocyclopentadiene
Concen: 4.970 ng/ul
RT: 12.092 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

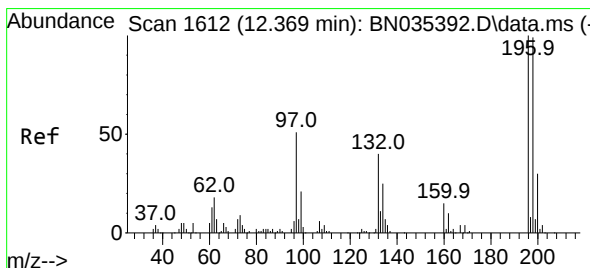
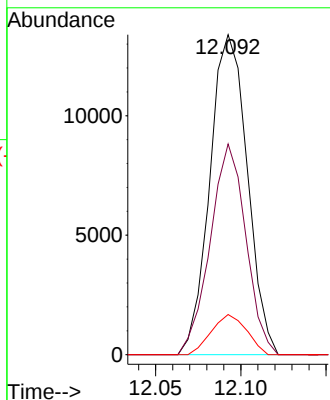
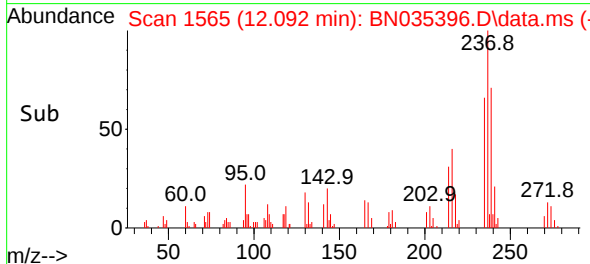
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



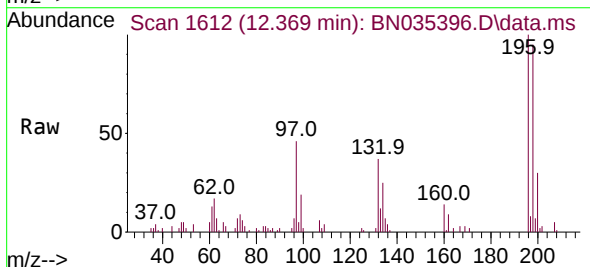
Tgt Ion:237 Resp: 20480
Ion Ratio Lower Upper
237 100
235 65.8 47.0 70.4
272 12.6 9.6 14.4

Manual Integrations
APPROVED

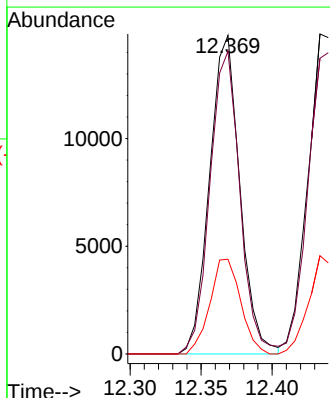
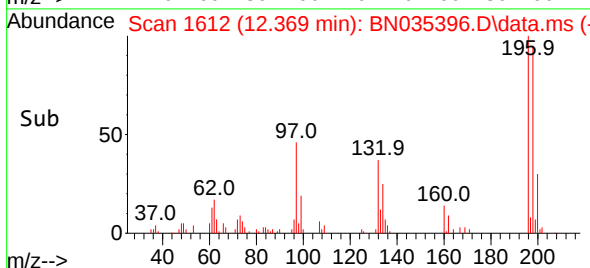
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

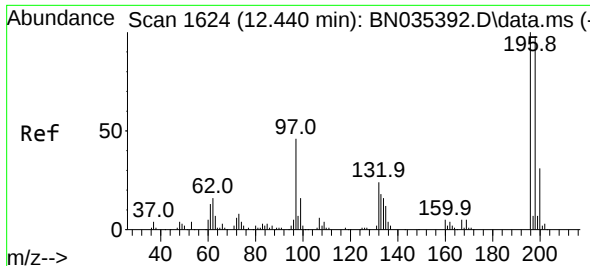


#41
2,4,6-Trichlorophenol
Concen: 4.121 ng/ul
RT: 12.369 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



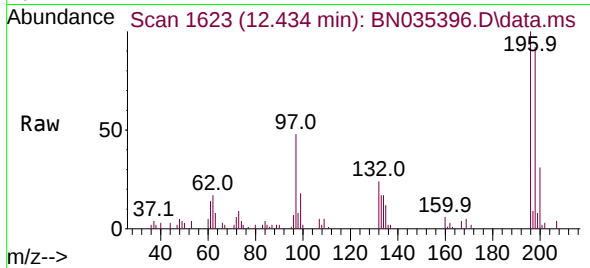
Tgt Ion:196 Resp: 21927
Ion Ratio Lower Upper
196 100
198 95.0 80.3 120.5
200 29.7 28.2 42.2





#42
2,4,5-Trichlorophenol
Concen: 4.049 ng/ul
RT: 12.434 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

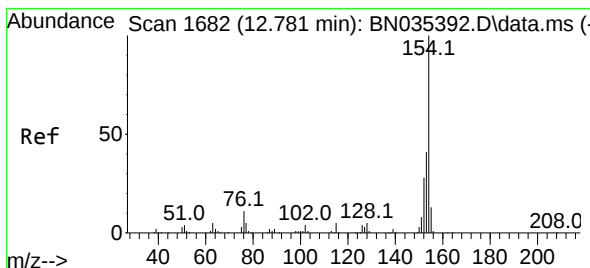
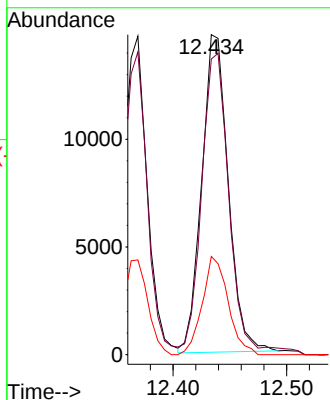
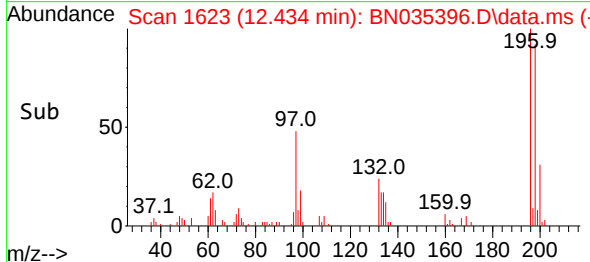
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



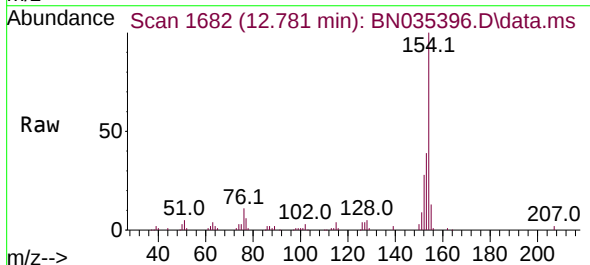
Tgt Ion:196 Resp: 2400
Ion Ratio Lower Upper
196 100
198 92.4 77.6 116.4
200 30.7 23.5 35.3

Manual Integrations
APPROVED

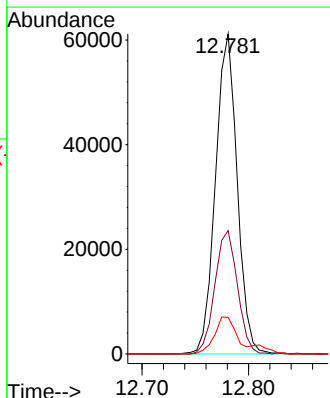
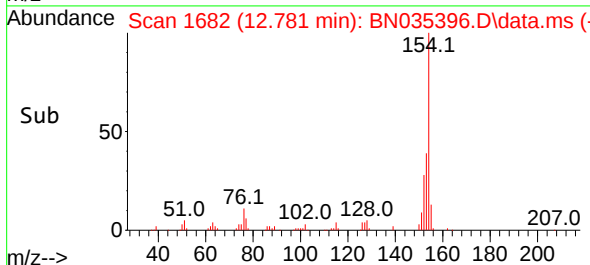
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

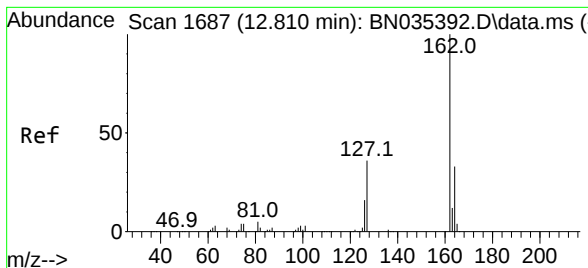


#43
1,1'-Biphenyl
Concen: 4.492 ng/ul
RT: 12.781 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



Tgt Ion:154 Resp: 86298
Ion Ratio Lower Upper
154 100
153 38.5 34.9 52.3
76 11.5 9.3 13.9





#44

2-Chloronaphthalene

Concen: 4.433 ng/ul

RT: 12.810 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

Instrument :

BNA_N

ClientSampleId :

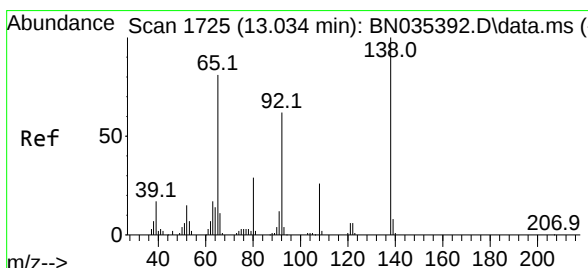
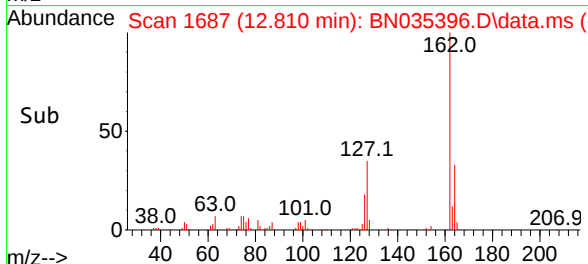
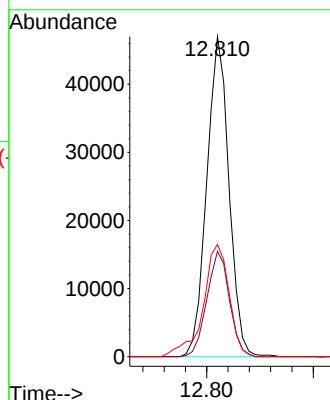
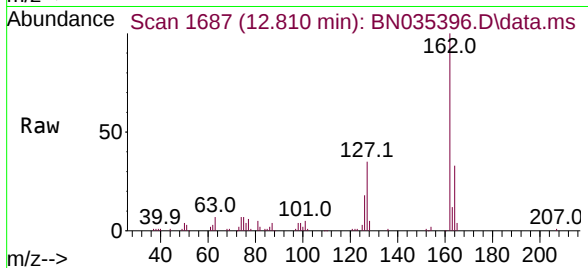
MDL-SOIL-QT4-2024-07

Tgt Ion:	162	Resp:	6812
Ion Ratio	Lower	Upper	
162	100		
164	32.9	25.4	38.0
127	35.1	29.9	44.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#45

2-Nitroaniline

Concen: 3.457 ng/ul

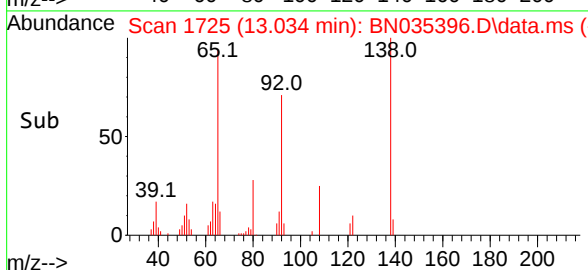
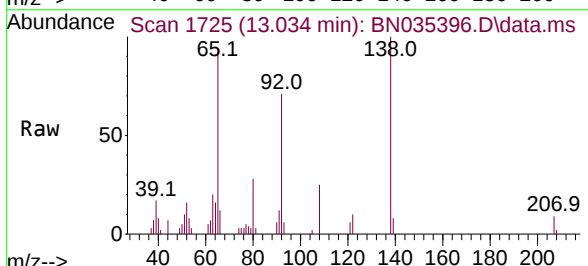
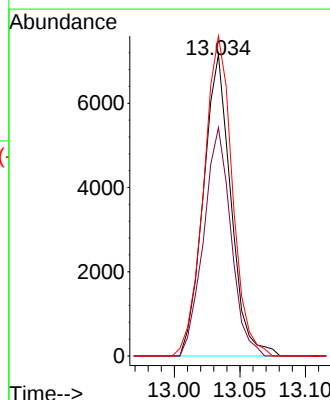
RT: 13.034 min Scan# 1725

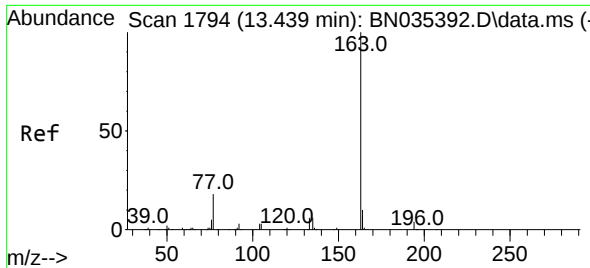
Delta R.T. -0.000 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

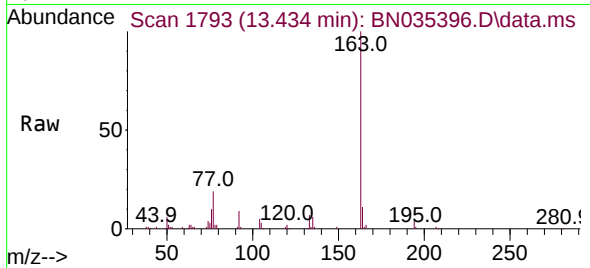
Tgt Ion:	65	Resp:	10443
Ion Ratio	Lower	Upper	
65	100		
92	75.7	58.7	88.1
138	106.2	91.0	136.6





#47
Dimethylphthalate
Concen: 4.214 ng/ul
RT: 13.434 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

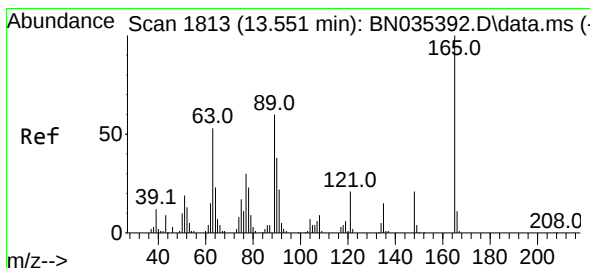
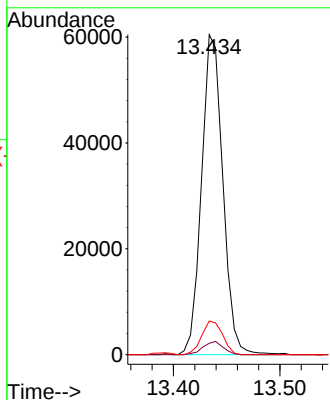
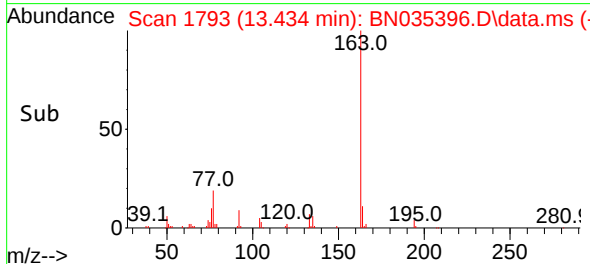
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion:163 Resp: 84270
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 10.5 8.5 12.7

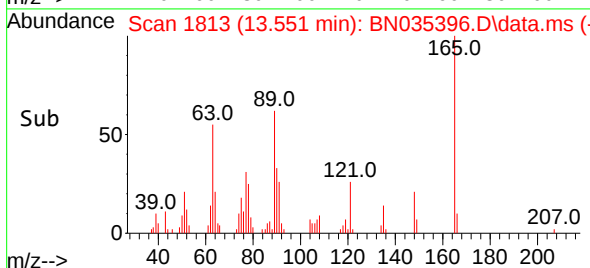
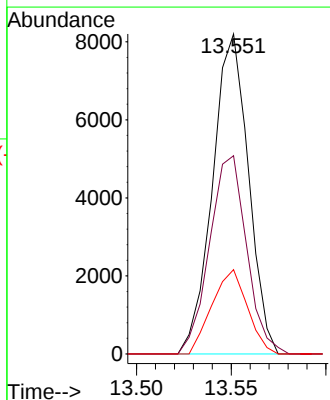
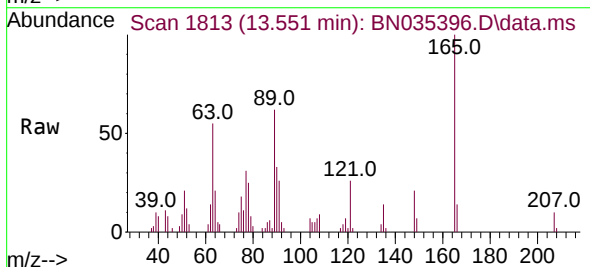
Manual Integrations
APPROVED

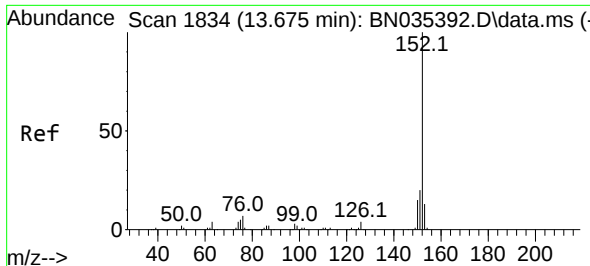
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#48
2,6-Dinitrotoluene
Concen: 3.245 ng/ul
RT: 13.551 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

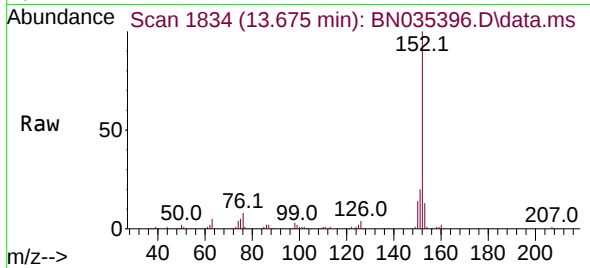
Tgt Ion:165 Resp: 10817
Ion Ratio Lower Upper
165 100
89 61.9 42.9 64.3
121 26.4 16.1 24.1#





#50
Acenaphthylene
Concen: 4.497 ng/ul
RT: 13.675 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

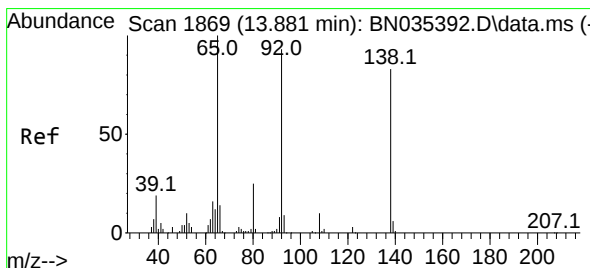
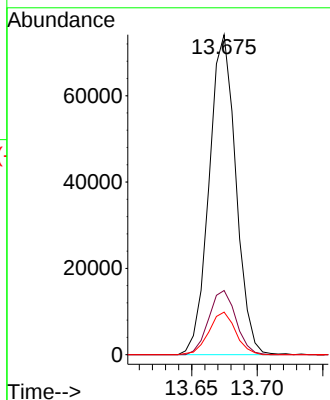
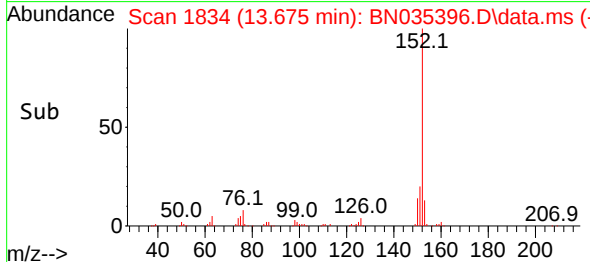
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



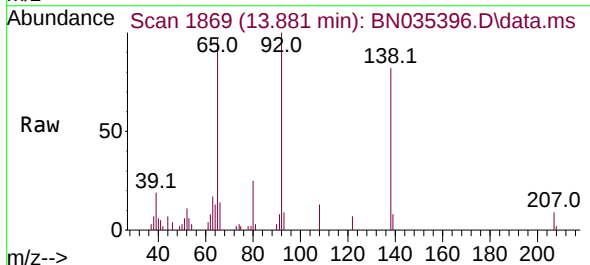
Tgt Ion:152 Resp: 105224
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.3 10.7 16.1

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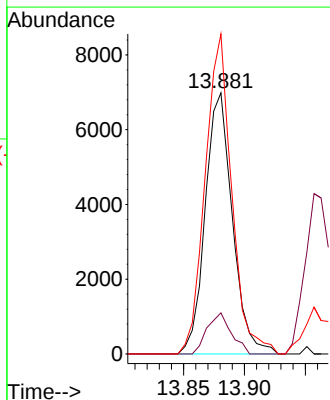
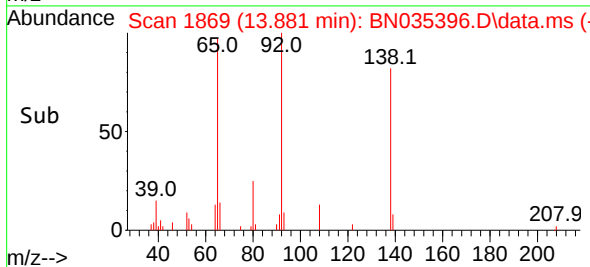
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

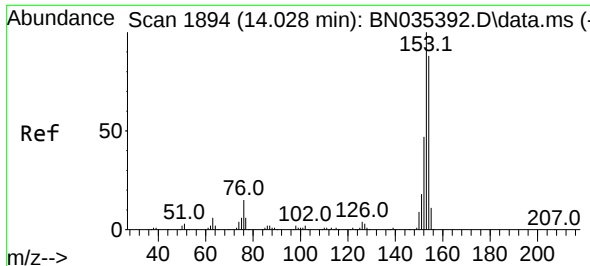


#51
3-Nitroaniline
Concen: 3.156 ng/ul
RT: 13.881 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



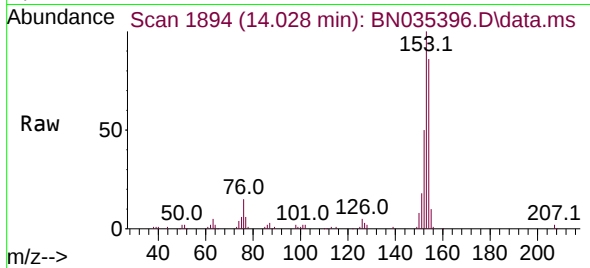
Tgt Ion:138 Resp: 10894
Ion Ratio Lower Upper
138 100
108 15.7 8.9 13.3#
92 122.5 88.1 132.1





#52
Acenaphthene
Concen: 4.341 ng/ul
RT: 14.028 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

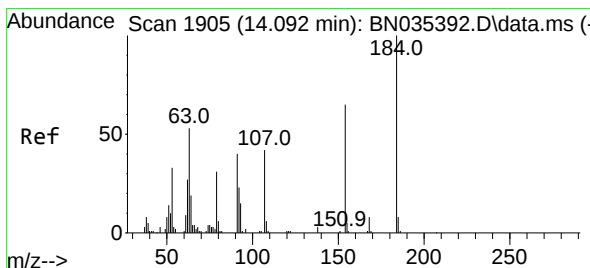
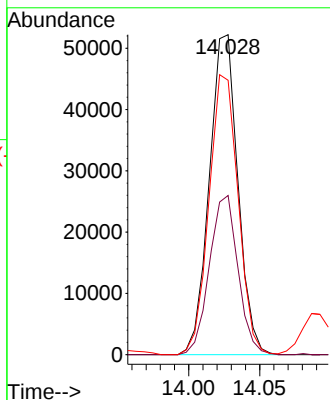
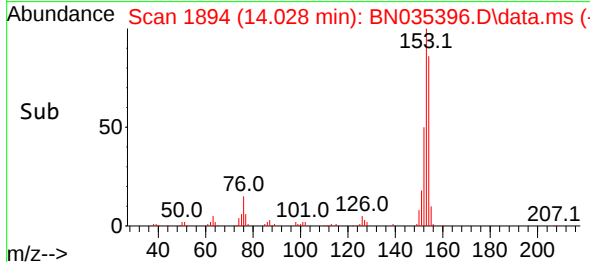
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



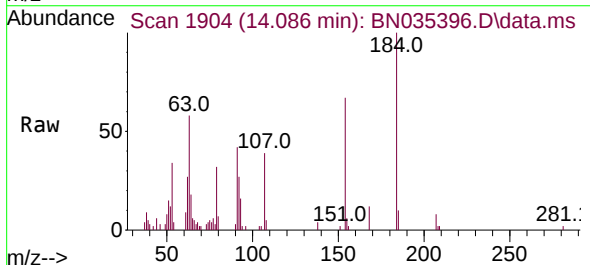
Tgt Ion:153 Resp: 7310
Ion Ratio Lower Upper
153 100
152 49.8 37.4 56.0
154 85.8 68.5 102.7

Manual Integrations
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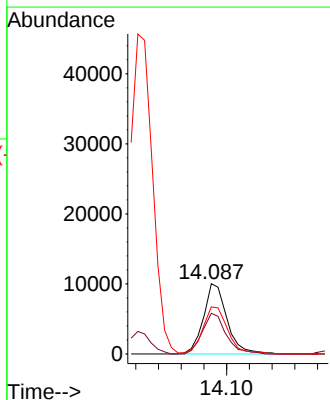
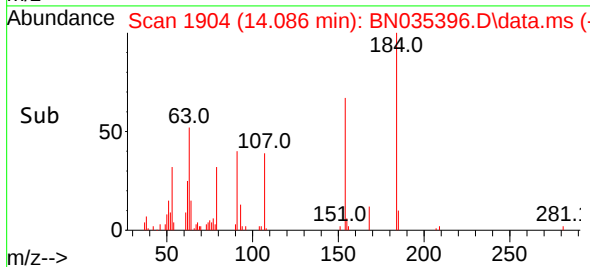
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

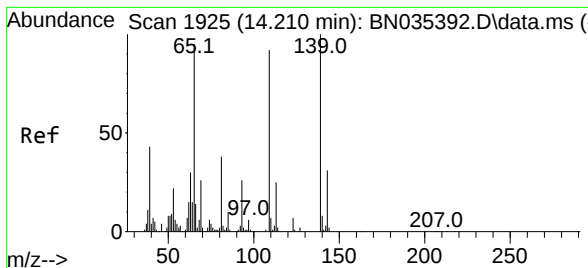


#53
2,4-Dinitrophenol
Concen: 6.211 ng/ul
RT: 14.086 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



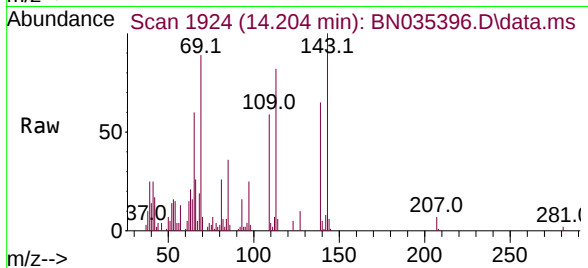
Tgt Ion:184 Resp: 14460
Ion Ratio Lower Upper
184 100
63 57.8 43.8 65.8
154 66.9 56.6 84.8





#55
4-Nitrophenol
Concen: 4.177 ng/ul
RT: 14.204 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

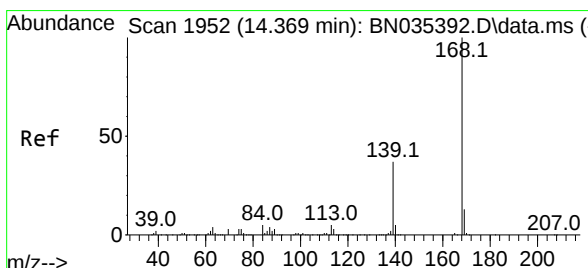
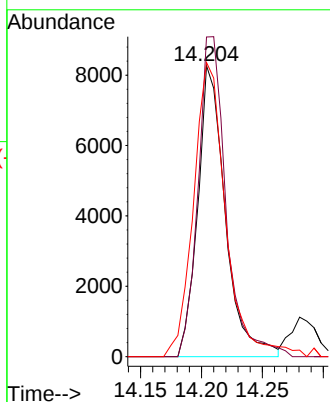
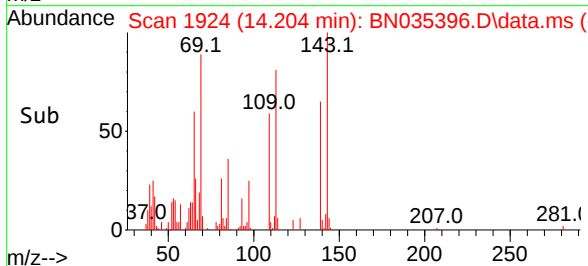
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:109 Resp: 12980
Ion Ratio Lower Upper
109 100
139 109.9 94.9 142.3
65 101.1 83.5 125.3

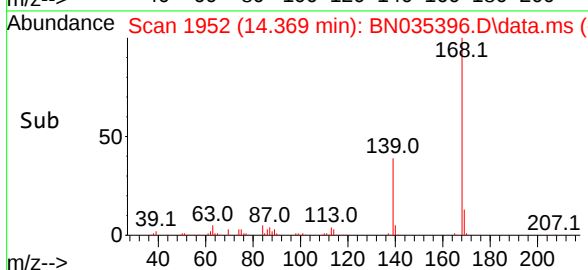
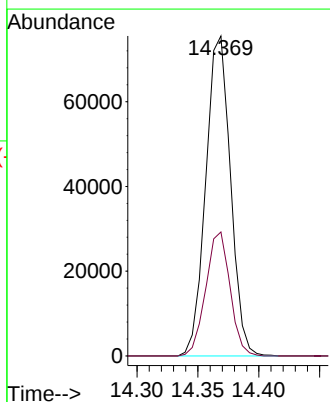
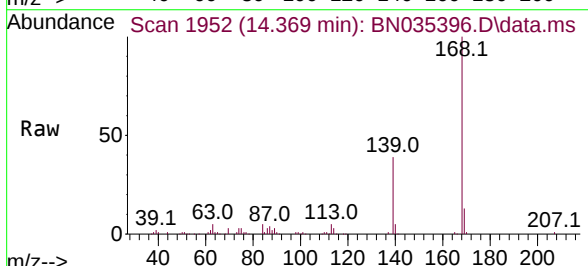
Manual Integrations
APPROVED

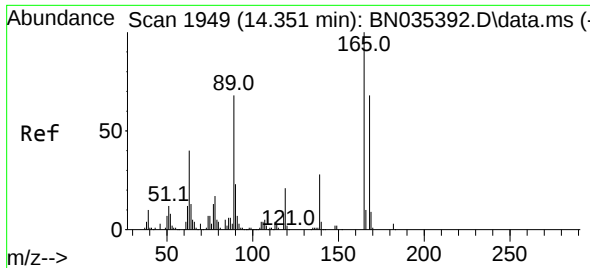
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#56
Dibenzofuran
Concen: 4.452 ng/ul
RT: 14.369 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

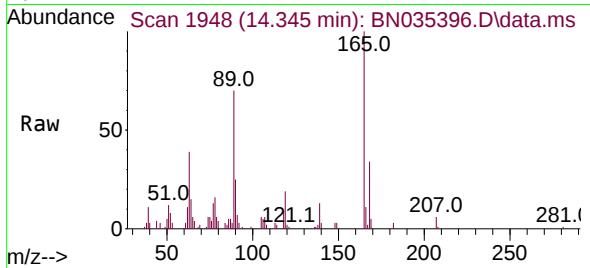
Tgt Ion:168 Resp: 106597
Ion Ratio Lower Upper
168 100
139 38.8 31.4 47.0





#57
2,4-Dinitrotoluene
Concen: 3.647 ng/ul
RT: 14.345 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

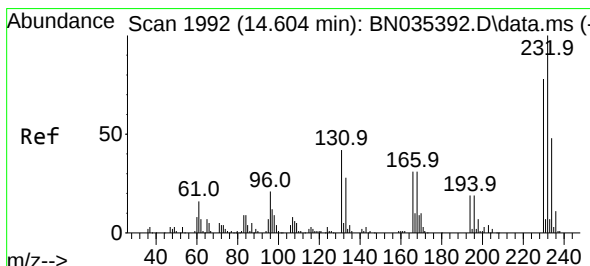
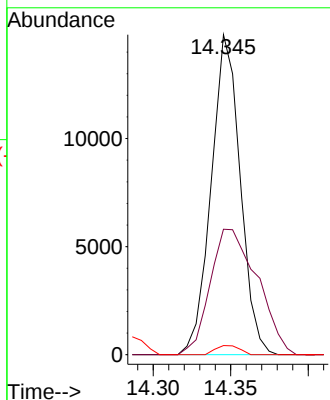
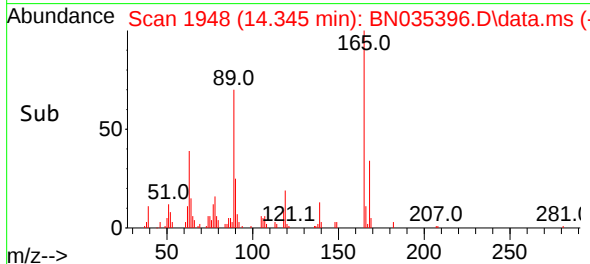
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:165 Resp: 19292
Ion Ratio Lower Upper
165 100
63 39.2 30.0 45.0
182 2.8 2.5 3.7

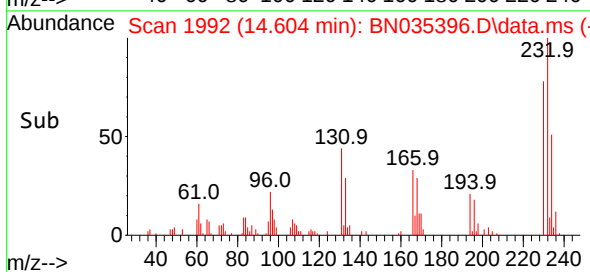
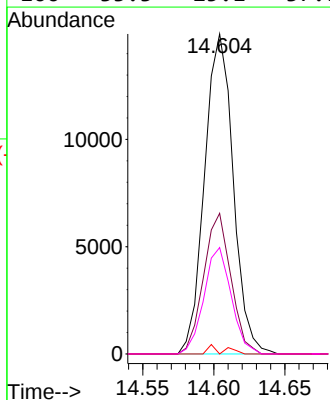
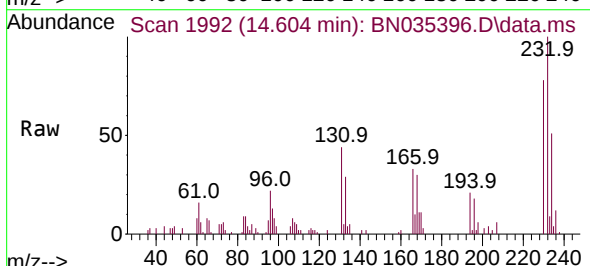
Manual Integrations
APPROVED

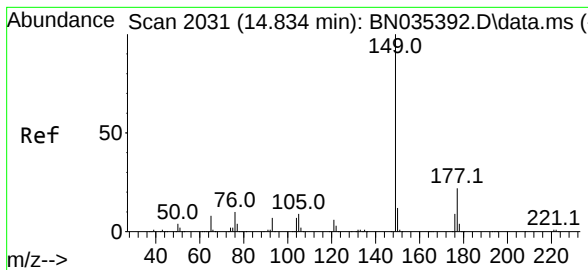
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.048 ng/ul
RT: 14.604 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

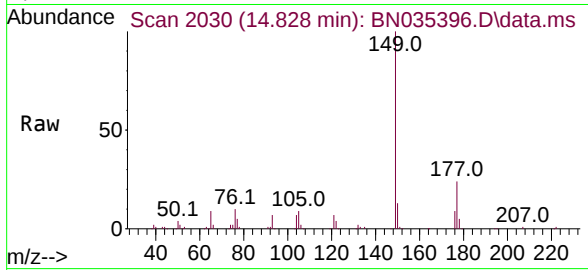
Tgt Ion:232 Resp: 20905
Ion Ratio Lower Upper
232 100
131 43.9 35.2 52.8
130 0.0 2.4 3.6#
166 33.3 25.1 37.7





#59
Diethylphthalate
Concen: 4.079 ng/ul
RT: 14.828 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

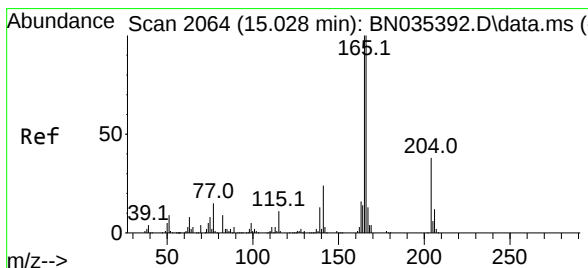
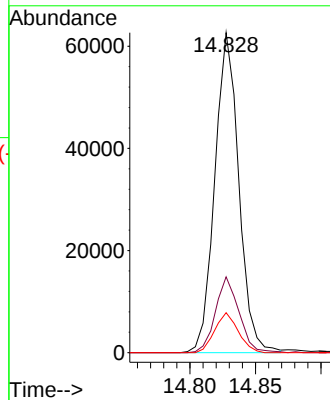
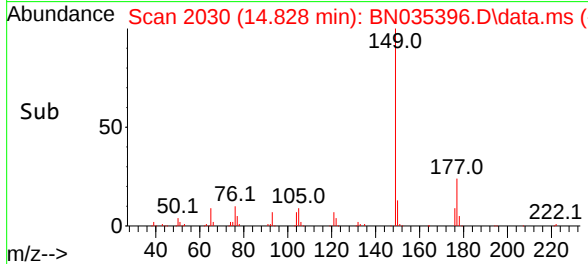
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



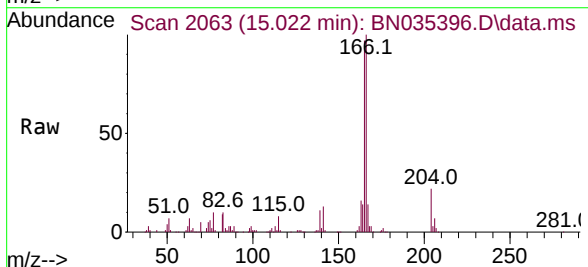
Tgt Ion:149 Resp: 7972
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.4
150 12.5 9.7 14.5

Manual Integrations
APPROVED

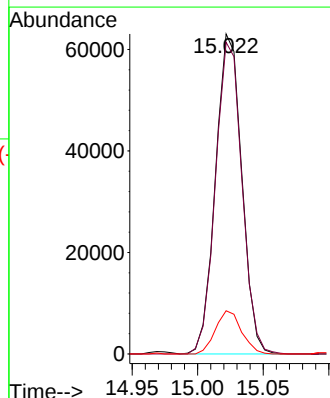
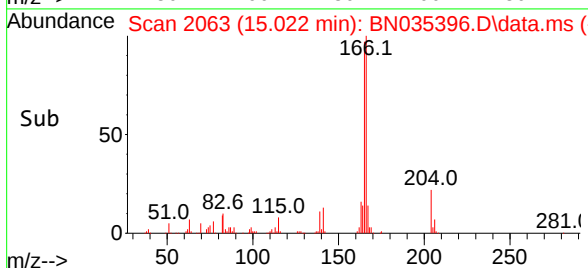
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

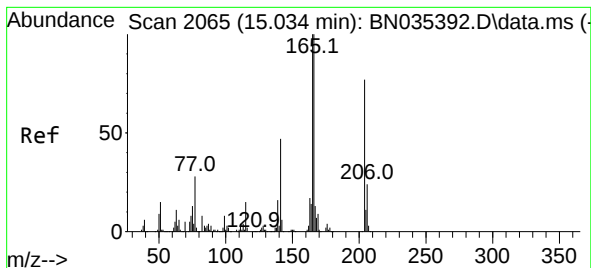


#61
Fluorene
Concen: 4.551 ng/ul
RT: 15.022 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



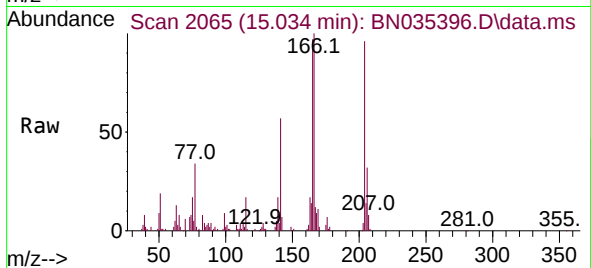
Tgt Ion:166 Resp: 87793
Ion Ratio Lower Upper
166 100
165 97.4 77.7 116.5
167 13.5 10.3 15.5





#62
4-Chlorophenyl-phenylether
Concen: 4.575 ng/ul
RT: 15.034 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

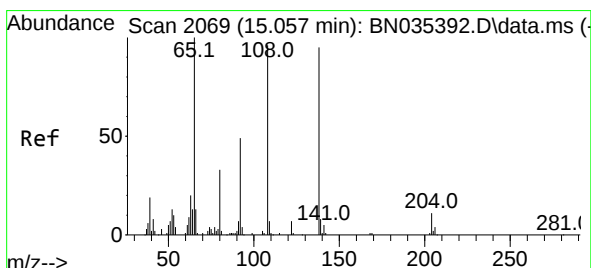
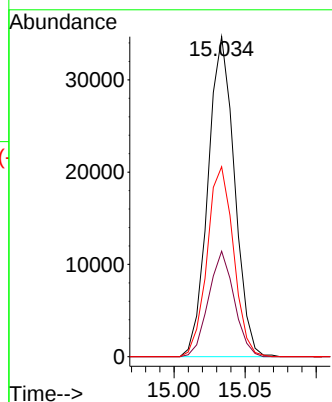
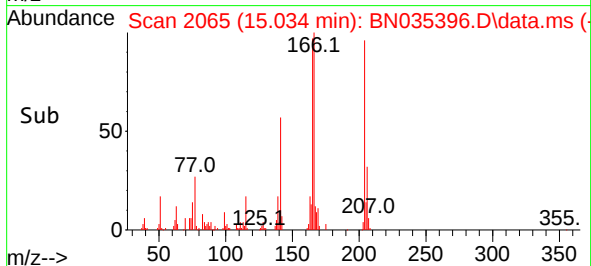
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



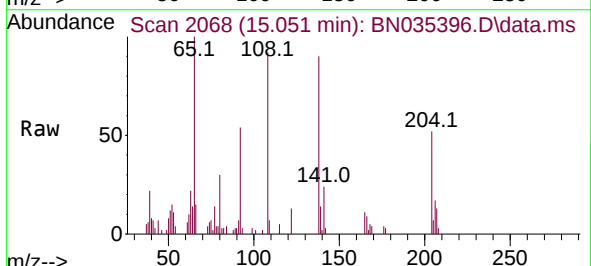
Tgt Ion:204 Resp: 4509
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 59.4 47.6 71.4

Manual Integrations
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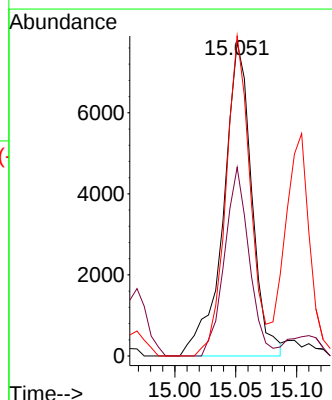
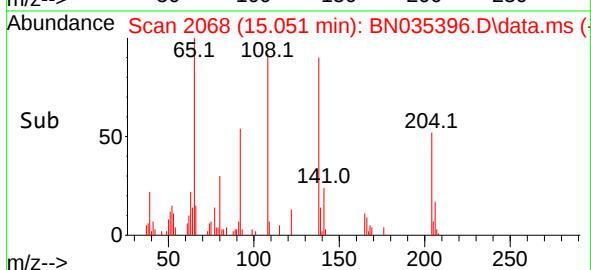
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

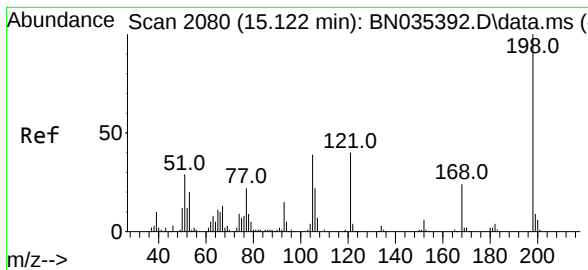


#63
4-Nitroaniline
Concen: 3.731 ng/ul
RT: 15.051 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



Tgt Ion:138 Resp: 12492
Ion Ratio Lower Upper
138 100
92 60.1 41.2 61.8
108 102.0 75.2 112.8





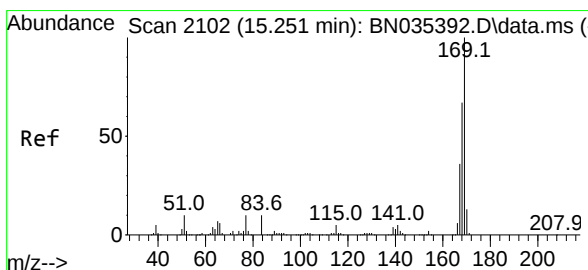
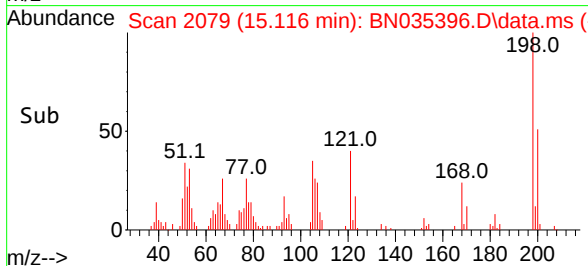
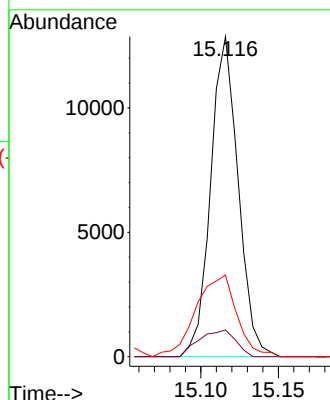
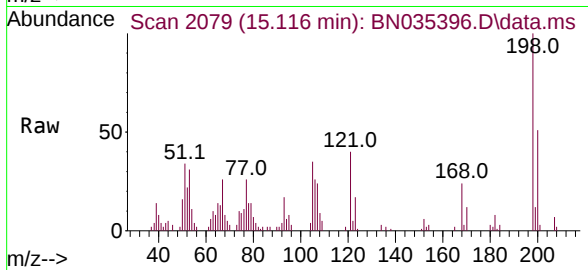
#66
4,6-Dinitro-2-methylphenol
Concen: 4.511 ng/ul
RT: 15.116 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:198 Resp: 1590
Ion Ratio Lower Upper
198 100
182 8.4 4.4 6.6
77 25.5 17.5 26.3

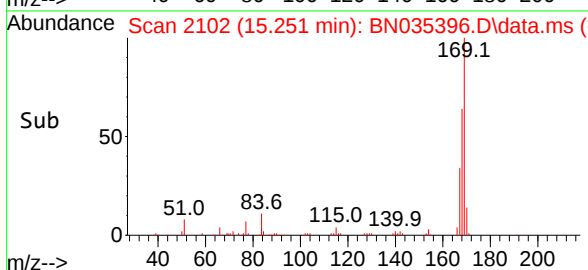
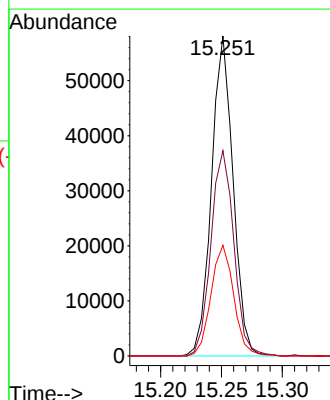
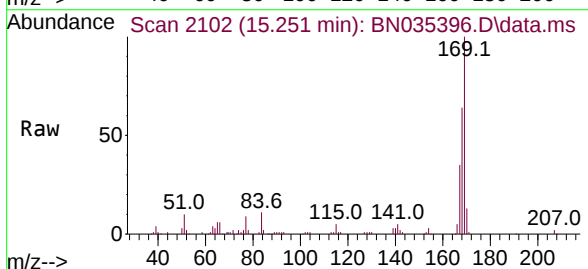
Manual Integrations
APPROVED

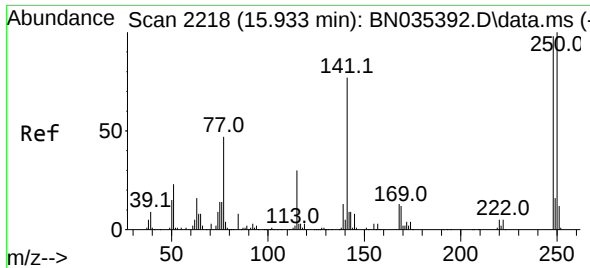
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#67
N-Nitrosodiphenylamine
Concen: 4.382 ng/ul
RT: 15.251 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

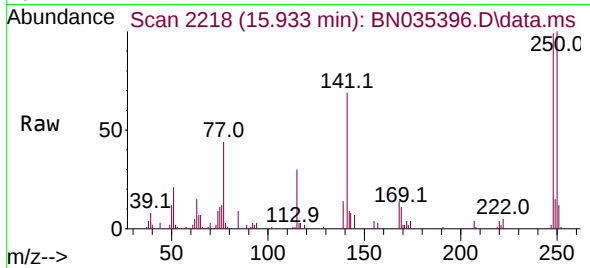
Tgt Ion:169 Resp: 71829
Ion Ratio Lower Upper
169 100
168 64.1 55.5 83.3
167 34.6 29.3 43.9





#68
4-Bromophenyl-phenylether
Concen: 4.435 ng/ul
RT: 15.933 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

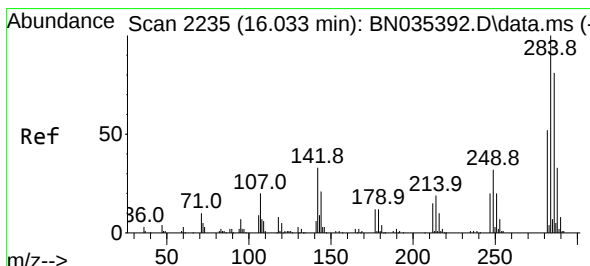
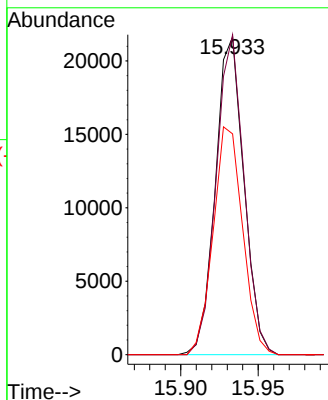
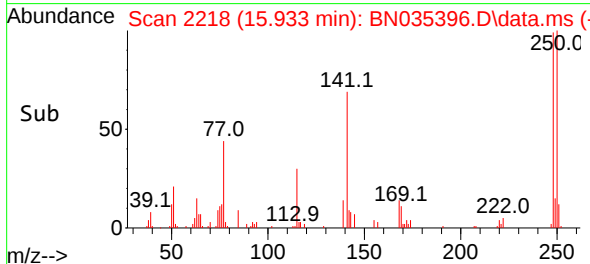
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



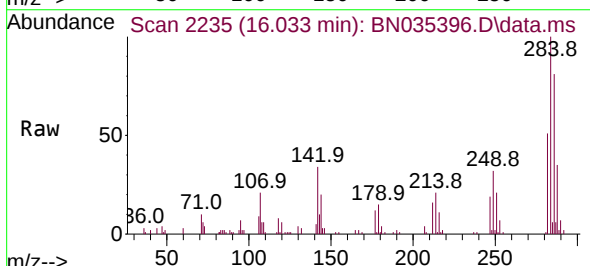
Tgt Ion:248 Resp: 27674
Ion Ratio Lower Upper
248 100
250 100.7 77.8 116.8
141 69.5 60.1 90.1

Manual Integrations
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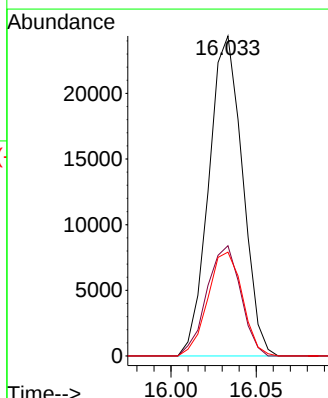
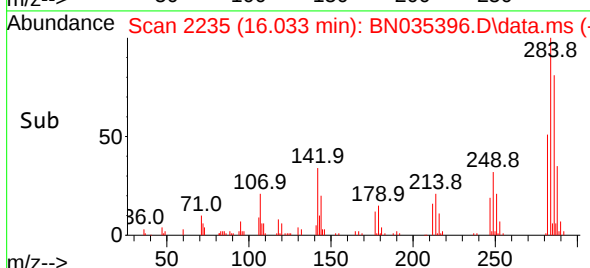
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

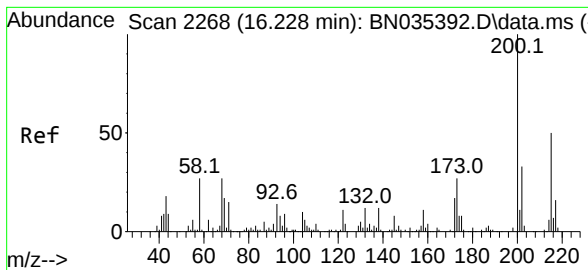


#69
Hexachlorobenzene
Concen: 4.519 ng/ul
RT: 16.033 min Scan# 2235
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



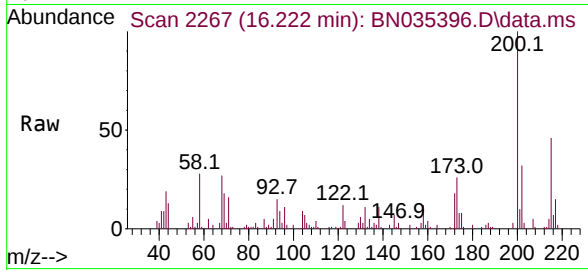
Tgt Ion:284 Resp: 33474
Ion Ratio Lower Upper
284 100
142 34.4 26.7 40.1
249 32.5 26.1 39.1





#70
Atrazine
Concen: 4.486 ng/ul
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

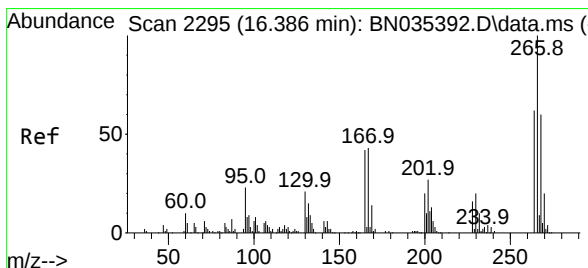
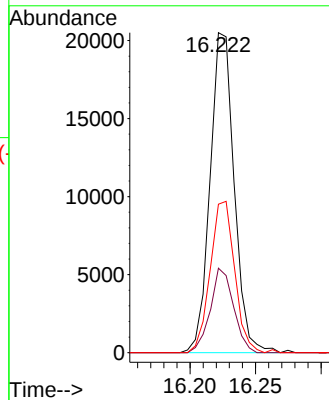
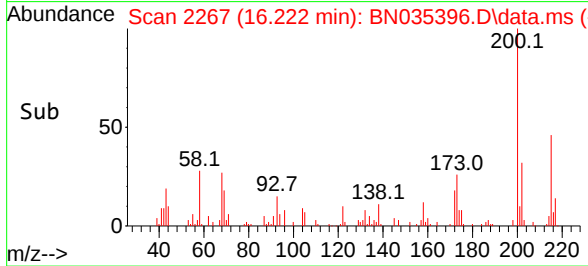
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:200 Resp: 2626
Ion Ratio Lower Upper
200 100
173 26.4 21.0 31.4
215 46.4 37.5 56.3

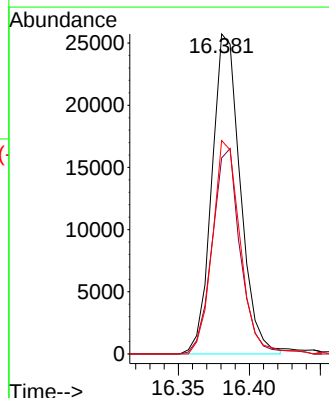
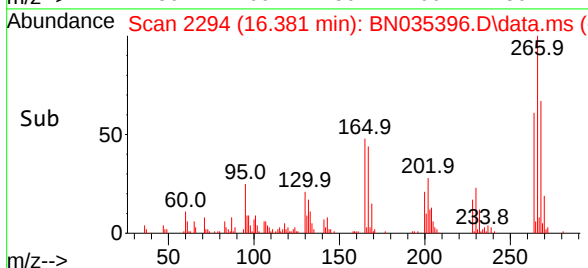
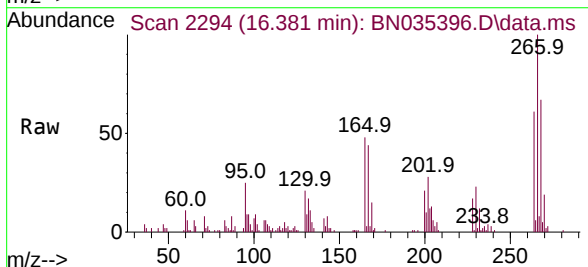
Manual Integrations
APPROVED

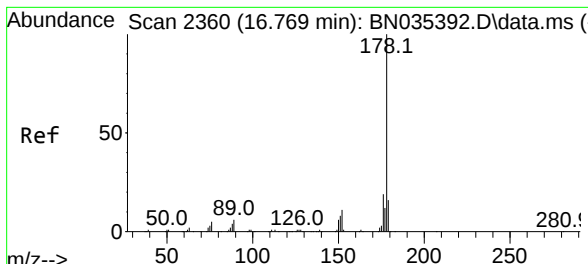
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#71
Pentachlorophenol
Concen: 7.619 ng/ul
RT: 16.381 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

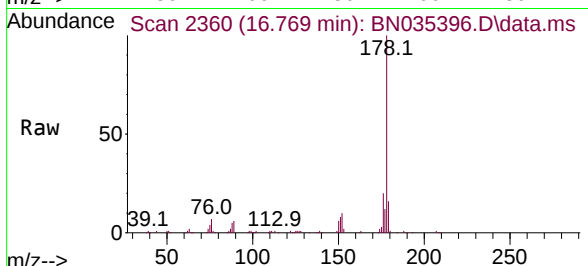
Tgt Ion:266 Resp: 35831
Ion Ratio Lower Upper
266 100
264 61.2 47.8 71.8
268 66.7 48.5 72.7





#72
 Phenanthrene
 Concen: 4.674 ng/ul
 RT: 16.769 min Scan# 2360
 Delta R.T. -0.000 min
 Lab File: BN035396.D
 Acq: 02 Dec 2024 22:49

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT4-2024-07

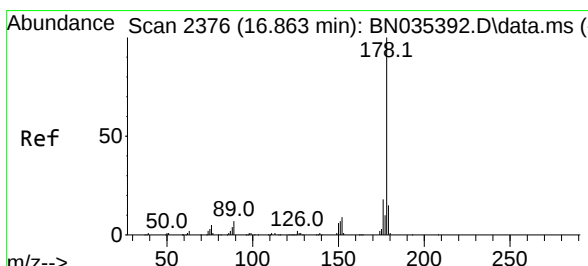
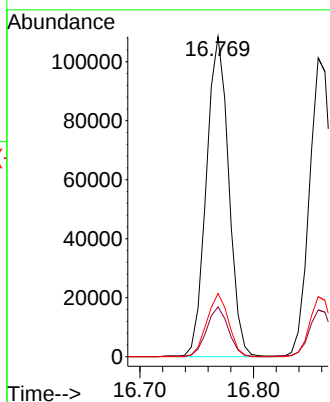
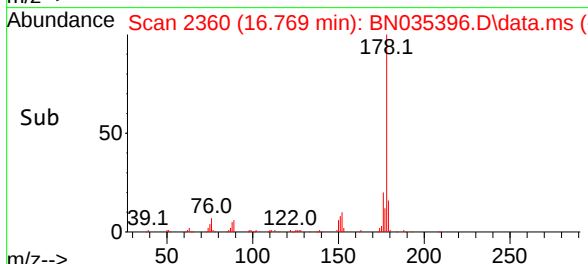


Tgt Ion:178 Resp: 148485

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	19.8	15.8	23.6

Manual Integrations
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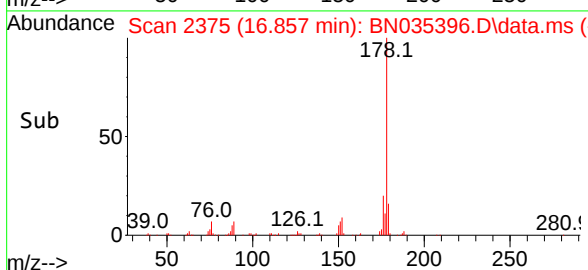
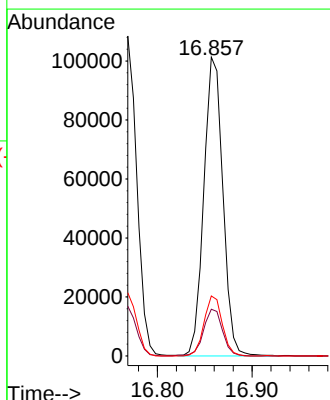
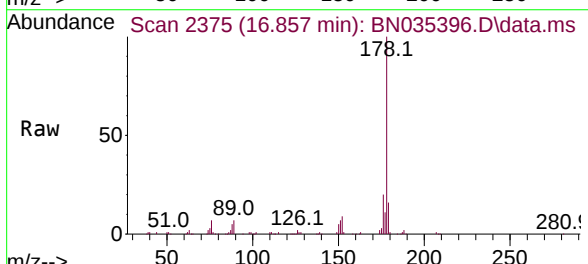
Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

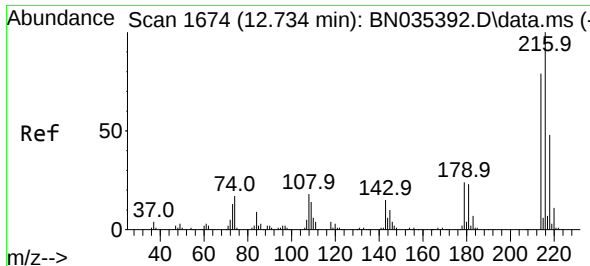


#74
 Anthracene
 Concen: 4.407 ng/ul
 RT: 16.857 min Scan# 2375
 Delta R.T. -0.006 min
 Lab File: BN035396.D
 Acq: 02 Dec 2024 22:49

Tgt Ion:178 Resp: 141348

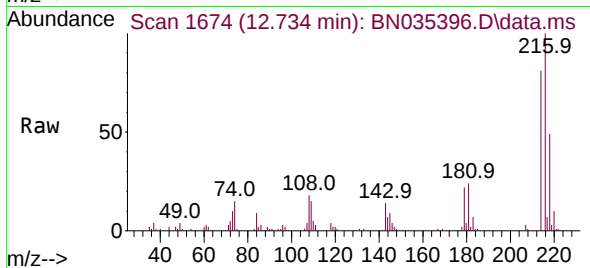
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	20.1	15.4	23.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.099 ng/uL
RT: 12.734 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

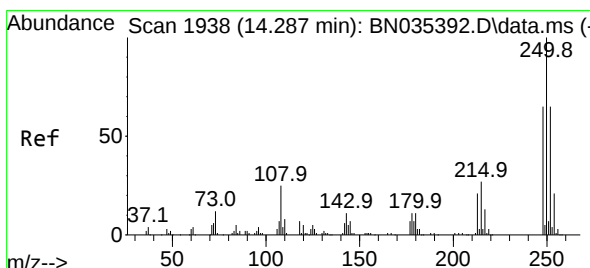
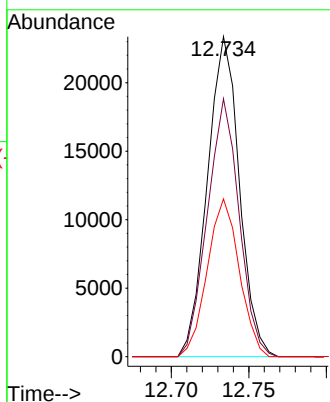
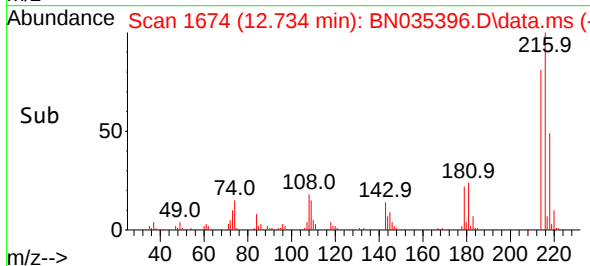
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



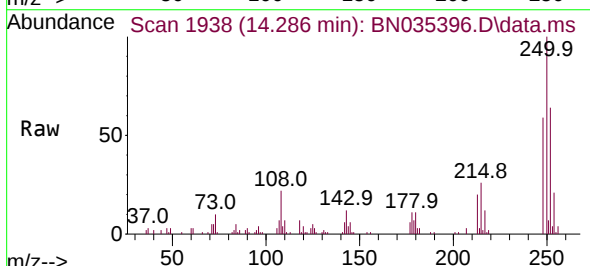
Tgt Ion:216 Resp: 33536
Ion Ratio Lower Upper
216 100
214 80.6 62.2 93.2
218 49.3 37.6 56.4

Manual Integrations
APPROVED

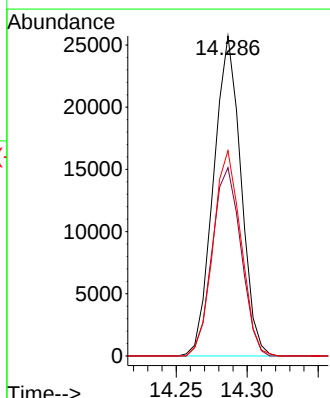
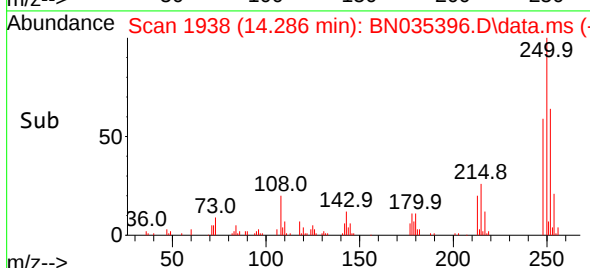
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

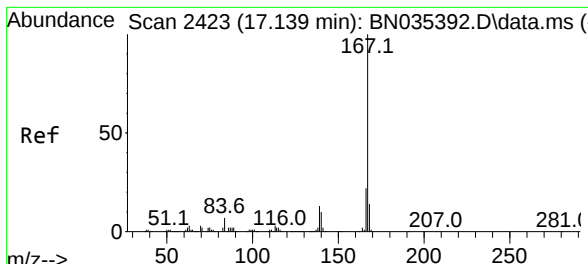


#76
Pentachlorobenzene
Concen: 4.101 ng/uL
RT: 14.286 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49



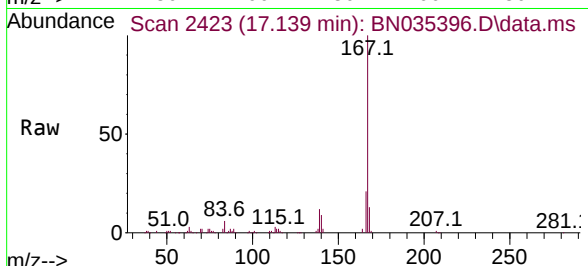
Tgt Ion:250 Resp: 34537
Ion Ratio Lower Upper
250 100
248 58.9 52.0 78.0
252 64.1 51.6 77.4





#77
 Carbazole
 Concen: 4.797 ng/ul
 RT: 17.139 min Scan# 2423
 Delta R.T. -0.000 min
 Lab File: BN035396.D
 Acq: 02 Dec 2024 22:49

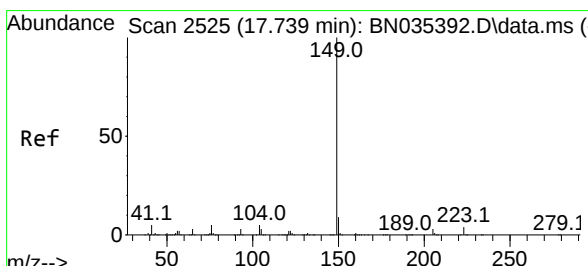
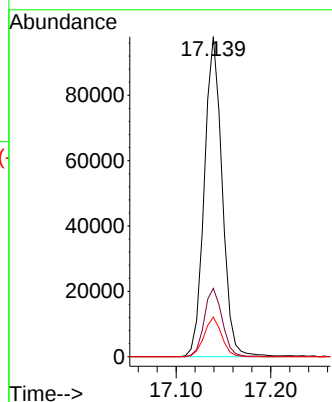
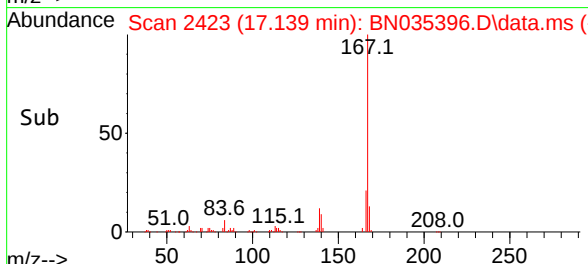
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion:	167	Resp:	128020
Ion Ratio	Lower	Upper	
167	100		
166	21.3	18.2	27.4
139	12.4	10.2	15.2

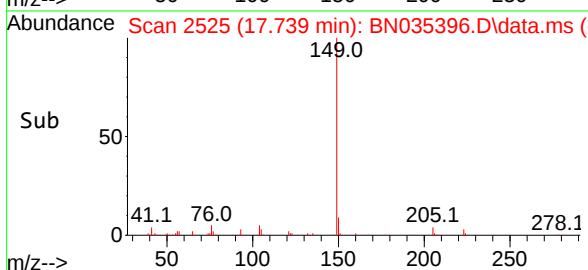
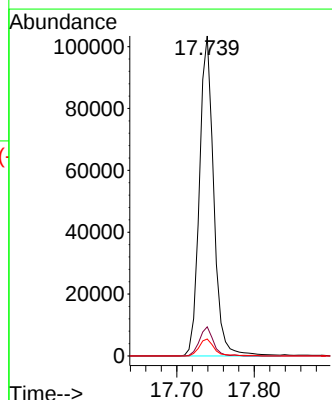
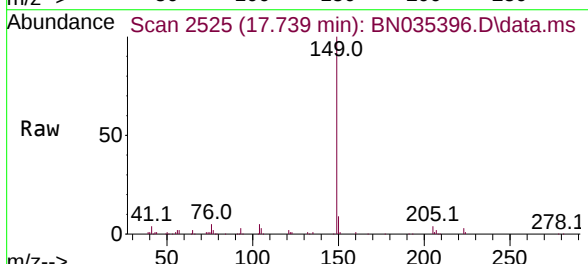
Manual Integrations
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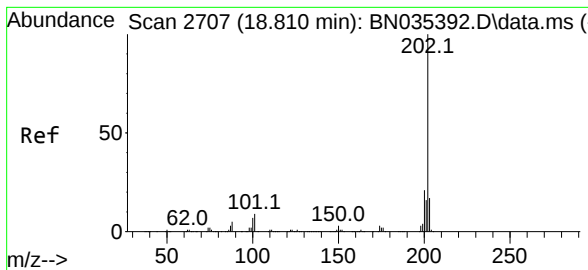
Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024



#78
 Di-n-butylphthalate
 Concen: 4.270 ng/ul
 RT: 17.739 min Scan# 2525
 Delta R.T. -0.000 min
 Lab File: BN035396.D
 Acq: 02 Dec 2024 22:49

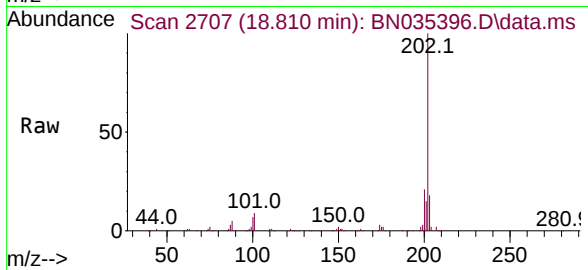
Tgt Ion:	149	Resp:	132667
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	5.3	4.3	6.5





#80
 Fluoranthene
 Concen: 4.373 ng/u1
 RT: 18.810 min Scan# 2707
 Delta R.T. -0.000 min
 Lab File: BN035396.D
 Acq: 02 Dec 2024 22:49

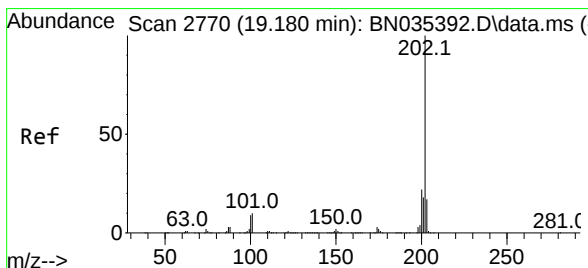
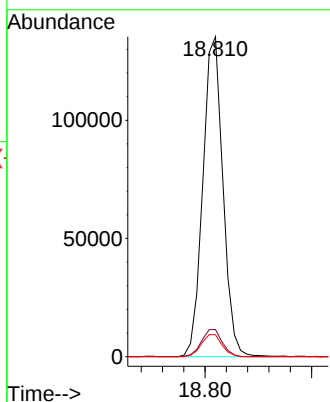
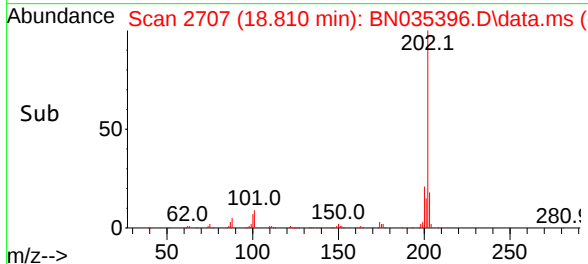
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT4-2024-07



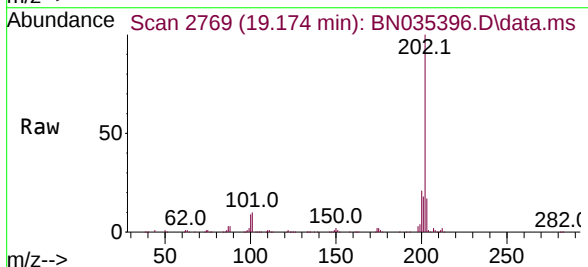
Tgt Ion:202 Resp: 177949
 Ion Ratio Lower Upper
 202 100
 101 8.5 7.3 10.9
 100 6.9 5.8 8.8

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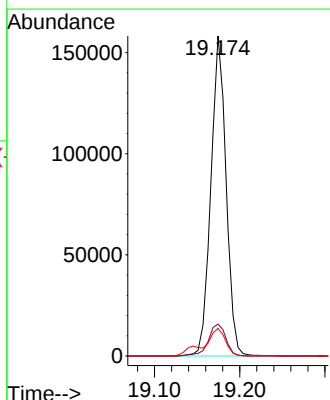
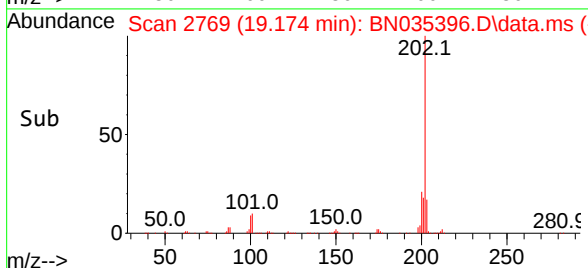
Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

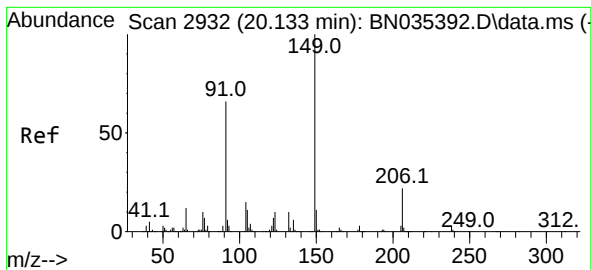


#82
 Pyrene
 Concen: 4.503 ng/u1
 RT: 19.174 min Scan# 2769
 Delta R.T. -0.006 min
 Lab File: BN035396.D
 Acq: 02 Dec 2024 22:49



Tgt Ion:202 Resp: 196494
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.6 13.0
 100 8.6 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.894 ng/ul

RT: 20.127 min Scan# 2932

Delta R.T. -0.006 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

Instrument :

BNA_N

ClientSampleId :

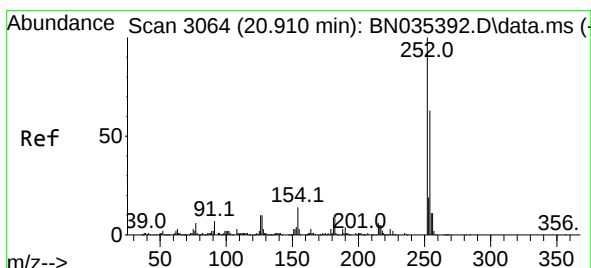
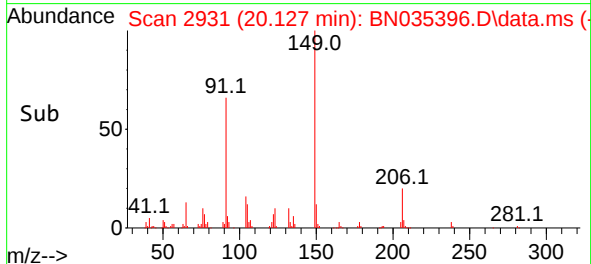
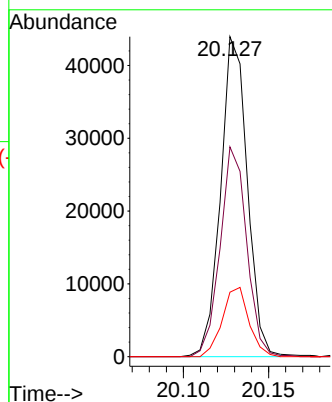
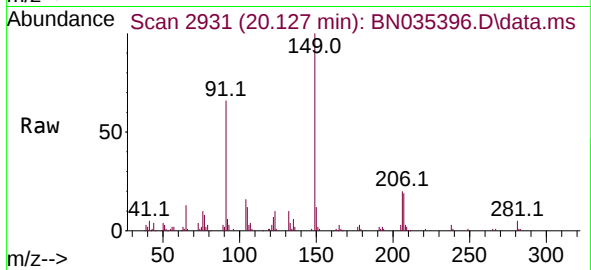
MDL-SOIL-QT4-2024-07

Tgt Ion:	149	Resp:	47892
Ion Ratio	Lower	Upper	
149	100		
91	65.6	53.0	79.6
206	20.2	17.8	26.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.212 ng/ul

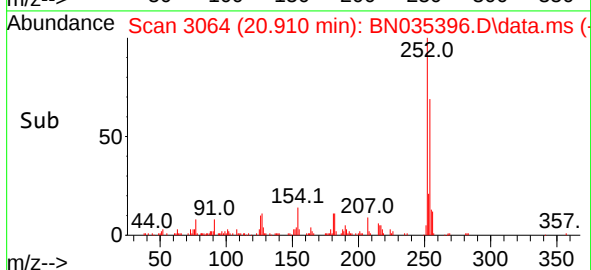
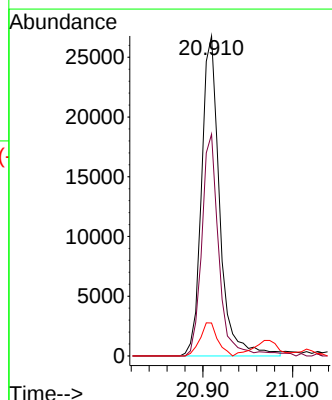
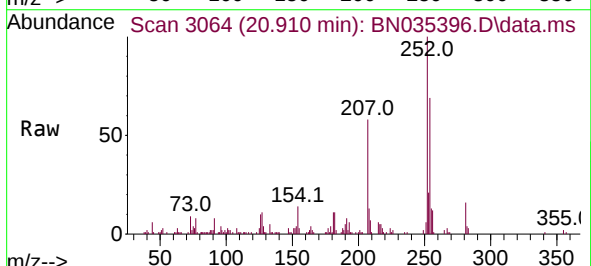
RT: 20.910 min Scan# 3064

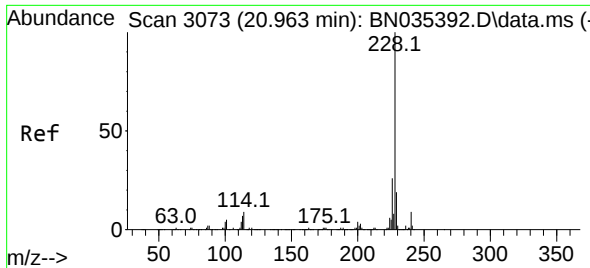
Delta R.T. -0.000 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

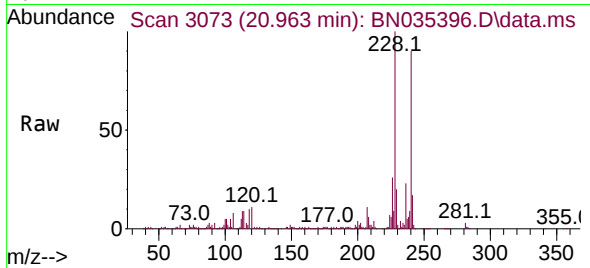
Tgt Ion:	252	Resp:	37597
Ion Ratio	Lower	Upper	
252	100		
254	69.3	51.4	77.0
126	10.3	7.9	11.9





#85
Benzo(a)anthracene
Concen: 4.561 ng/ul
RT: 20.963 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

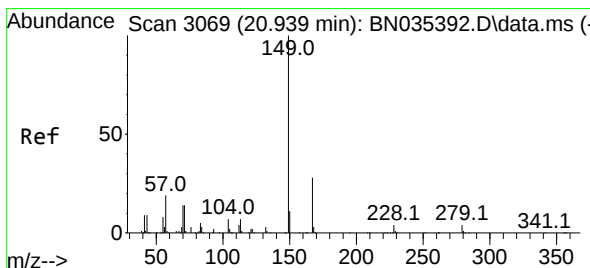
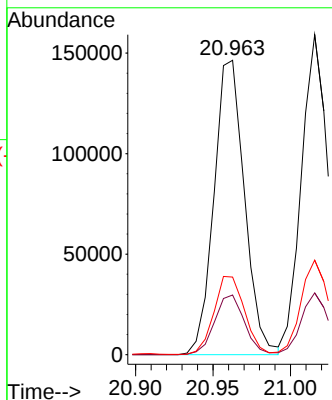
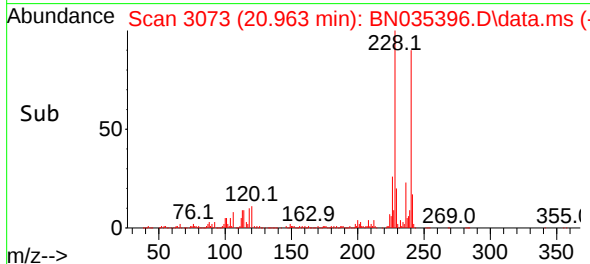
Instrument : BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:228 Resp: 201000
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 26.4 22.9 34.3

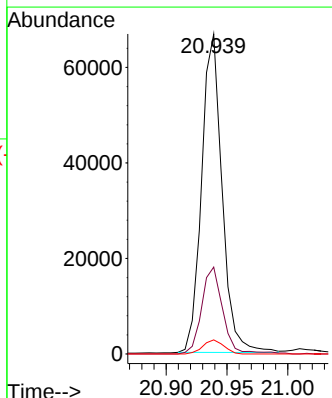
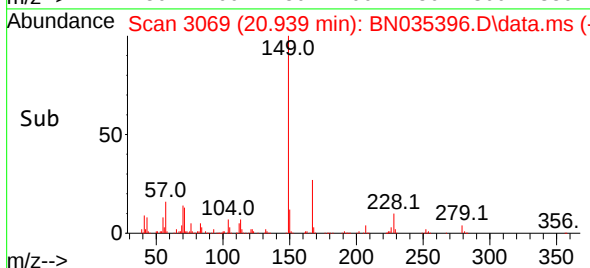
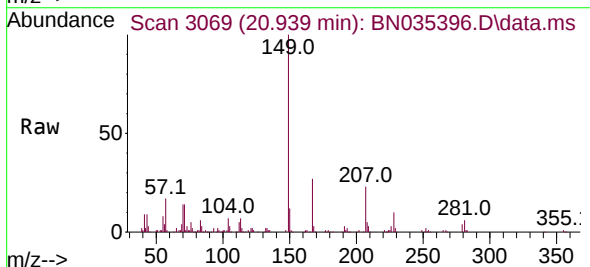
Manual Integrations
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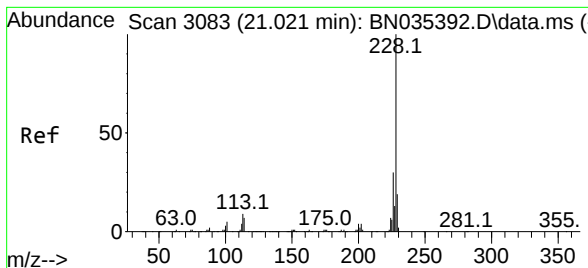
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.022 ng/ul
RT: 20.939 min Scan# 3069
Delta R.T. -0.000 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

Tgt Ion:149 Resp: 78008
Ion Ratio Lower Upper
149 100
167 27.2 22.1 33.1
279 4.4 3.7 5.5





#87

Chrysene

Concen: 4.618 ng/ul

RT: 21.016 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BN035396.D

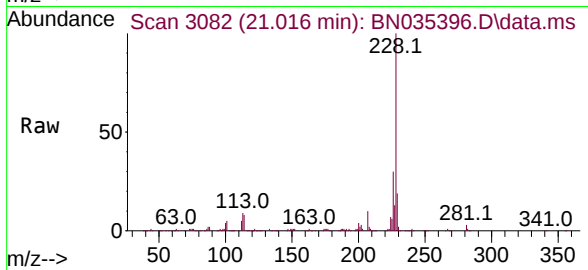
Acq: 02 Dec 2024 22:49

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT4-2024-07



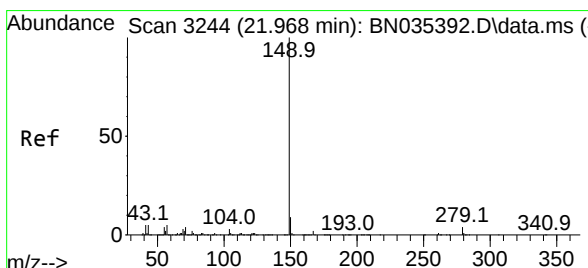
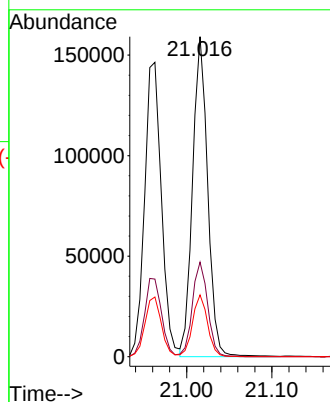
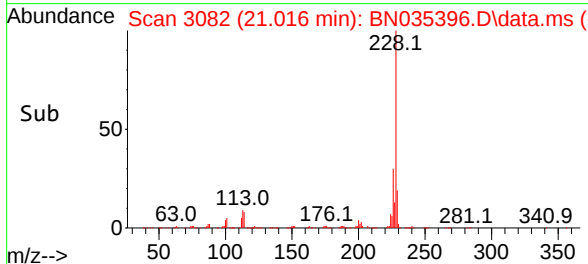
Tgt Ion:228 Resp: 196092

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	19.3	14.7	22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#89

Di-n-octyl phthalate

Concen: 3.633 ng/ul

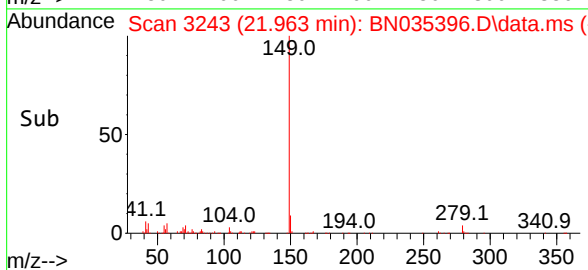
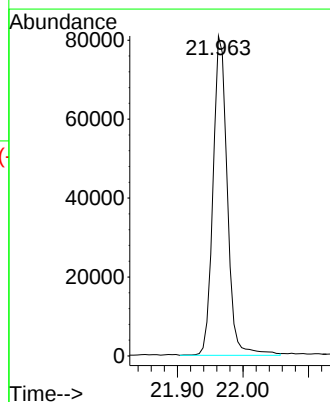
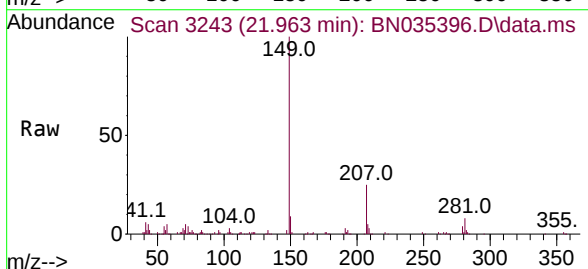
RT: 21.963 min Scan# 3243

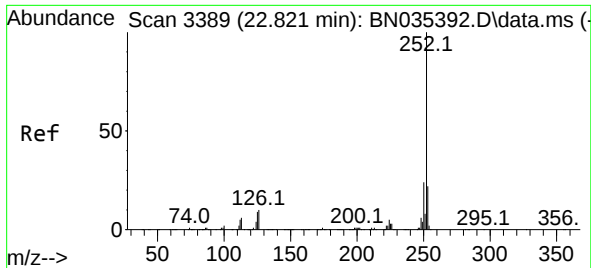
Delta R.T. -0.006 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

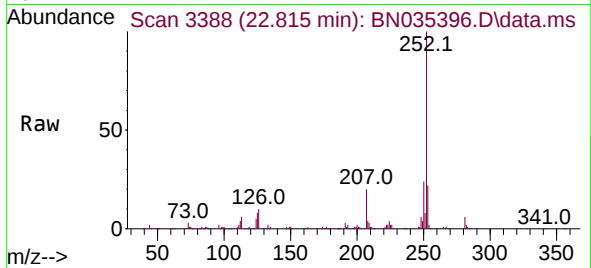
Tgt Ion:149 Resp: 122426





#90
Benzo(b)fluoranthene
Concen: 4.669 ng/ul
RT: 22.815 min Scan# 3388
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

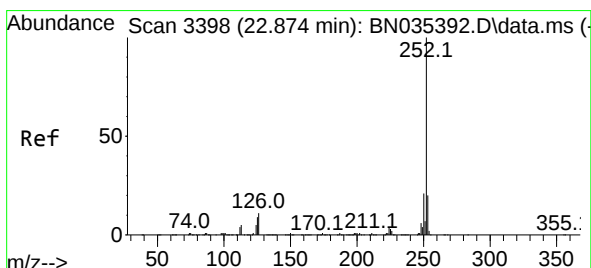
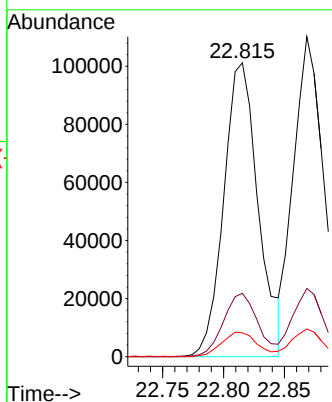
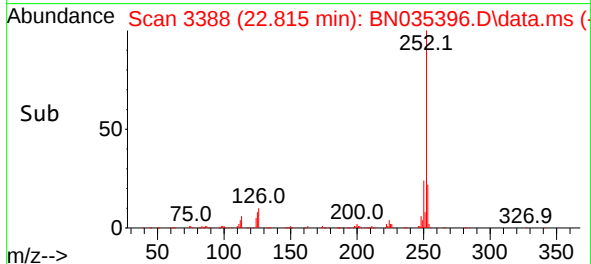
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion:252 Resp: 199528
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 8.1 7.4 11.0

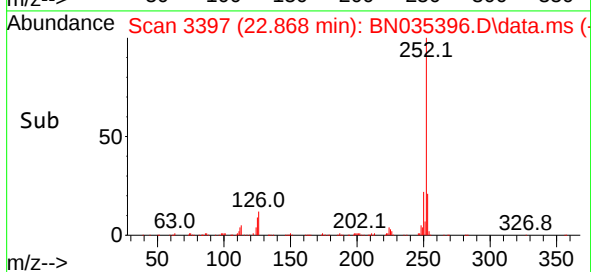
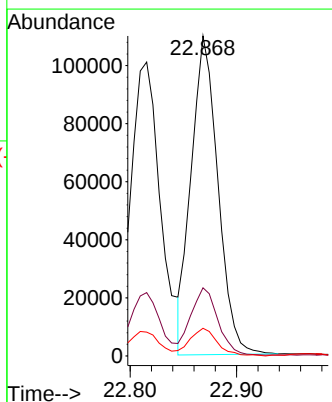
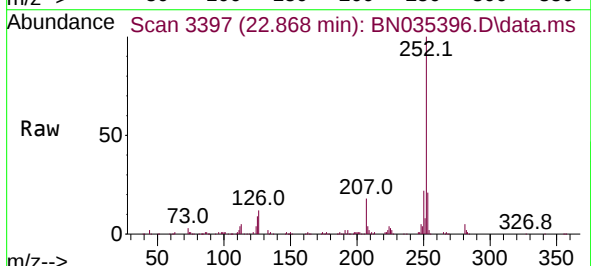
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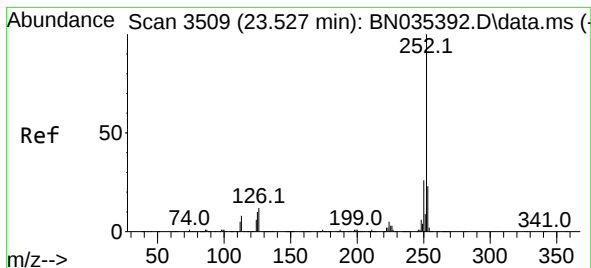
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#91
Benzo(k)fluoranthene
Concen: 4.382 ng/ul
RT: 22.868 min Scan# 3397
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

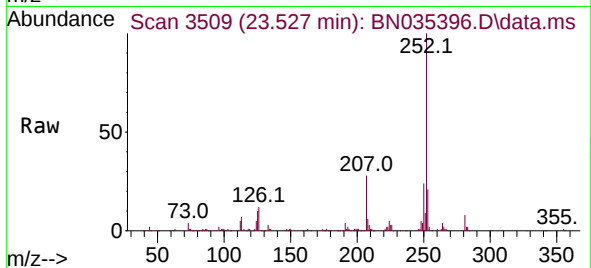
Tgt Ion:252 Resp: 191728
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 8.7 6.8 10.2





#93
Benzo(a)pyrene
Concen: 4.335 ng/ul
RT: 23.527 min Scan# 3509
Delta R.T. -0.006 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

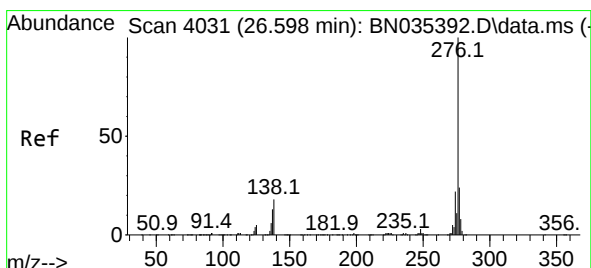
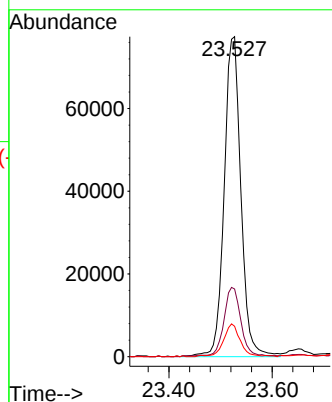
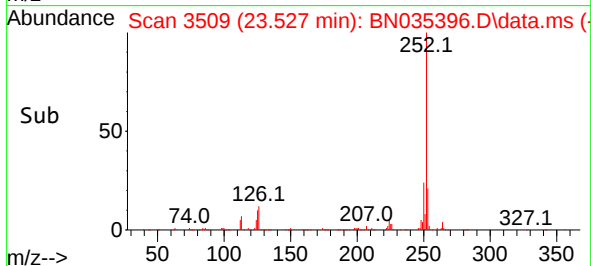
Instrument : BNA_N
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:252 Resp: 173840
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 9.5 7.3 10.9

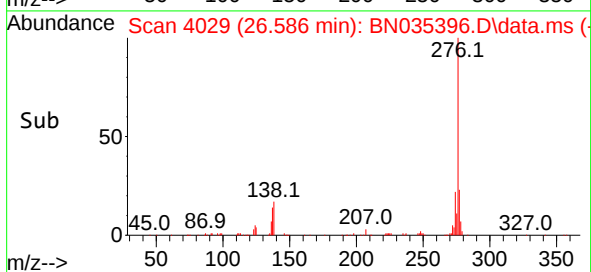
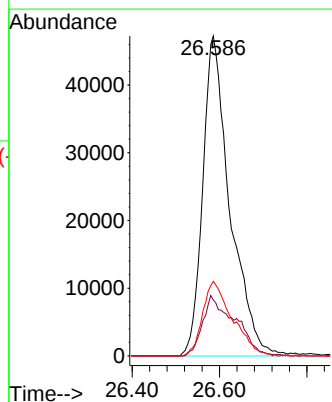
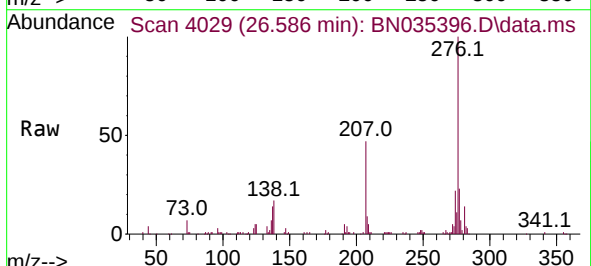
Manual Integrations
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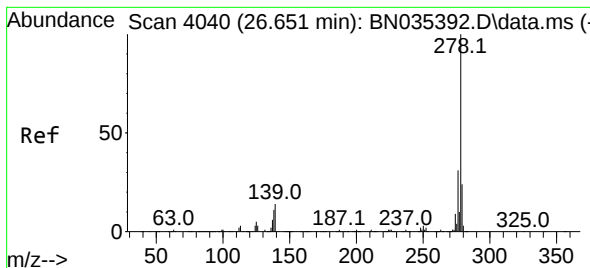
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.267 ng/ul
RT: 26.586 min Scan# 4029
Delta R.T. -0.012 min
Lab File: BN035396.D
Acq: 02 Dec 2024 22:49

Tgt Ion:276 Resp: 204121
Ion Ratio Lower Upper
276 100
138 17.5 14.1 21.1
277 23.3 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 4.301 ng/ul

RT: 26.645 min Scan# 4040

Delta R.T. -0.006 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

Instrument :

BNA_N

ClientSampleId :

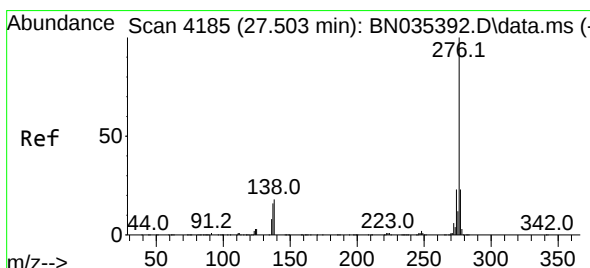
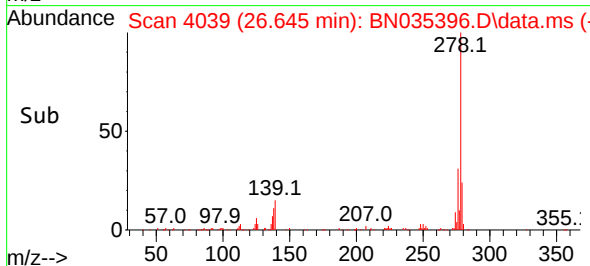
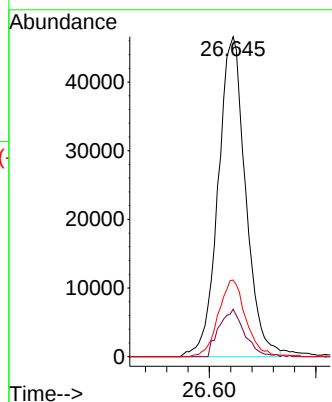
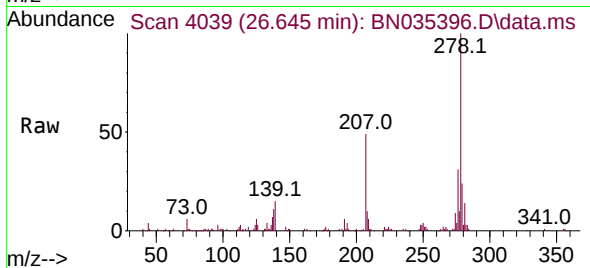
MDL-SOIL-QT4-2024-07

Tgt Ion:278 Resp: 166698
 Ion Ratio Lower Upper
 278 100
 139 14.8 11.5 17.3
 279 24.0 18.8 28.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024



#96

Benzo(g,h,i)perylene

Concen: 4.272 ng/ul

RT: 27.503 min Scan# 4185

Delta R.T. -0.006 min

Lab File: BN035396.D

Acq: 02 Dec 2024 22:49

Tgt Ion:276 Resp: 155108
 Ion Ratio Lower Upper
 276 100
 138 18.4 15.0 22.6
 277 23.3 19.4 29.2

