

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062425\
 Data File : BN037371.D
 Acq On : 24 Jun 2025 13:47
 Operator : RC/JU
 Sample : Q2117-05
 Misc : MDL-MED-SOIL-4 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2025-03

Quant Time: Jun 24 14:48:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN062025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 19 14:59:41 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	84300	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	277252	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.216	164	203421	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.963	188	416209	20.000	ng/u1	0.00
79) Chrysene-d12	21.198	240	383967	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	394684	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	7609	4.821	ng/uL	0.00
4) Pyridine-d5	3.470	84	72585	17.216	ng/u1	0.00
7) Phenol-d5	6.740	99	81621	16.792	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	54218	17.900	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	70341	16.324	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	67696	17.013	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	33694	16.584	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	38025	15.345	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	82907	15.424	ng/u1	0.00
31) 4-Chloroaniline-d4	10.481	131	85375	15.804	ng/u1	0.00
46) Dimethylphthalate-d6	13.634	166	245875	16.386	ng/u1	0.00
49) Acenaphthylene-d8	13.904	160	274367	16.621	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	26952	12.094	ng/u1	0.00
60) Fluorene-d10	15.210	176	218006	16.076	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.339	200	36266	12.204	ng/u1	0.00
73) Anthracene-d10	17.063	188	328656	15.979	ng/u1	0.00
81) Pyrene-d10	19.363	212	359602	17.218	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	325143	15.853	ng/u1	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.099	88	2797m	1.538	ng/uL	
5) Pyridine	3.487	79	22085	5.065	ng/u1#	79
6) Benzaldehyde	6.711	77	17708	6.385	ng/u1	96
8) Phenol	6.763	94	24213	4.865	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.993	93	20024	5.040	ng/u1	98
12) 2-Chlorophenol	7.128	128	21464	4.964	ng/u1	98
13) 2-Methylphenol	8.010	108	17285	4.580	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	17799	5.327	ng/u1	98
16) Acetophenone	8.381	105	32155	4.944	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.369	70	15376	4.976	ng/u1#	90
18) 4-Methylphenol	8.334	108	18899	4.631	ng/u1	93
19) Hexachloroethane	8.628	117	10584	4.673	ng/u1	98
22) Nitrobenzene	8.757	77	26019	4.724	ng/u1	93
23) Isophorone	9.281	82	39052	4.606	ng/u1	98
25) 2-Nitrophenol	9.463	139	11111	4.429	ng/u1#	90
26) 2,4-Dimethylphenol	9.528	107	21918	4.412	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.763	93	24754	4.861	ng/u1	98
29) 2,4-Dichlorophenol	9.993	162	24022	4.577	ng/u1	95
30) Naphthalene	10.387	128	67638	4.861	ng/u1	97
32) 4-Chloroaniline	10.504	127	24236	4.523	ng/u1	96
33) Hexachlorobutadiene	10.675	225	23354	4.155	ng/u1	94
34) Caprolactam	11.281	113	4974	4.514	ng/u1	92
35) 4-Chloro-3-methylphenol	11.640	107	16981	4.116	ng/u1	97
36) 2-Methylnaphthalene	12.010	142	47250	4.465	ng/u1	100

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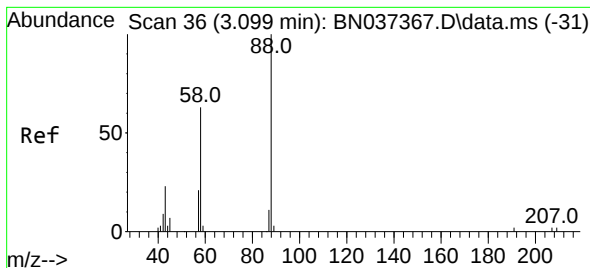
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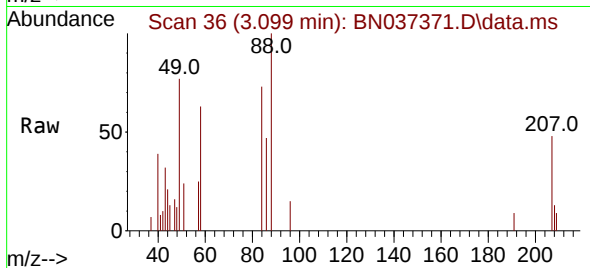
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.234	142	47067	4.518	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.387	216	36453	4.343	ng/ul	94
40) Hexachlorocyclopentadiene	12.369	237	38294	5.964	ng/ul	98
41) 2,4,6-Trichlorophenol	12.634	196	18611	3.931	ng/ul	95
42) 2,4,5-Trichlorophenol	12.704	196	21093	3.964	ng/ul	91
43) 1,1'-Biphenyl	13.040	154	67486	4.640	ng/ul	98
44) 2-Chloronaphthalene	13.081	162	55052	4.588	ng/ul	98
45) 2-Nitroaniline	13.293	65	8941	3.536	ng/ul	98
47) Dimethylphthalate	13.681	163	68644	4.710	ng/ul	99
48) 2,6-Dinitrotoluene	13.798	165	10714	3.679	ng/ul	94
50) Acenaphthylene	13.934	152	85155	4.818	ng/ul	97
51) 3-Nitroaniline	14.128	138	7013	3.169	ng/ul	97
52) Acenaphthene	14.281	153	55335	4.631	ng/ul	92
53) 2,4-Dinitrophenol	14.340	184	10855	5.351	ng/ul#	76
55) 4-Nitrophenol	14.440	109	9485	4.168	ng/ul#	78
56) Dibenzofuran	14.616	168	84282	4.559	ng/ul	99
57) 2,4-Dinitrotoluene	14.587	165	16909	4.006	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.845	232	17122	3.779	ng/ul#	96
59) Diethylphthalate	15.051	149	59521	4.344	ng/ul	98
61) Fluorene	15.269	166	68421	4.628	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.269	204	38827	4.242	ng/ul	96
63) 4-Nitroaniline	15.298	138	7376m	3.542	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.351	198	11508	3.766	ng/ul#	96
67) N-Nitrosodiphenylamine	15.481	169	55563	4.801	ng/ul	93
68) 4-Bromophenyl-phenylether	16.163	248	20665	4.035	ng/ul	96
69) Hexachlorobenzene	16.275	284	25775	4.474	ng/ul	97
70) Atrazine	16.439	200	33120	6.338	ng/ul	98
71) Pentachlorophenol	16.622	266	23297	6.074	ng/ul	96
72) Phenanthrene	17.004	178	107886	4.767	ng/ul	100
74) Anthracene	17.098	178	106786	4.656	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.004	216	34788	4.388	ng/uL	92
76) Pentachlorobenzene	14.540	250	33419	4.567	ng/uL	96
77) Carbazole	17.375	167	78587	4.151	ng/ul	97
78) Di-n-butylphthalate	17.945	149	81713	4.002	ng/ul	98
80) Fluoranthene	19.033	202	111985	4.674	ng/ul	99
82) Pyrene	19.392	202	130303	5.166	ng/ul#	96
83) Butylbenzylphthalate	20.316	149	29988	3.987	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.116	252	33889	4.330	ng/ul	99
85) Benzo(a)anthracene	21.180	228	116606	4.496	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.122	149	43445	3.859	ng/ul	98
87) Chrysene	21.239	228	113025	4.693	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	61707	3.166	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	104367	4.276	ng/ul	95
91) Benzo(k)fluoranthene	23.210	252	104313	4.186	ng/ul	97
93) Benzo(a)pyrene	23.904	252	97203	4.239	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.215	276	124178	4.043	ng/ul	97
95) Dibenzo(a,h)anthracene	27.268	278	95489	3.798	ng/ul	95
96) Benzo(g,h,i)perylene	28.204	276	102996	4.075	ng/ul	98

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



#2
 1,4-Dioxane
 Concen: 1.538 ng/uL m
 RT: 3.099 min Scan# 3
 Delta R.T. -0.000 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

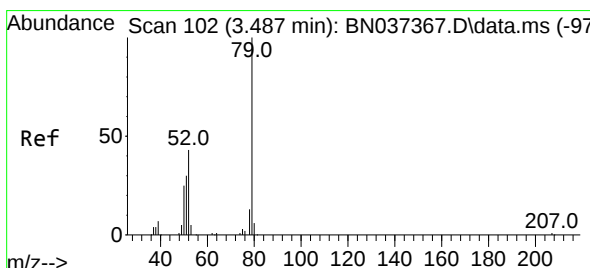
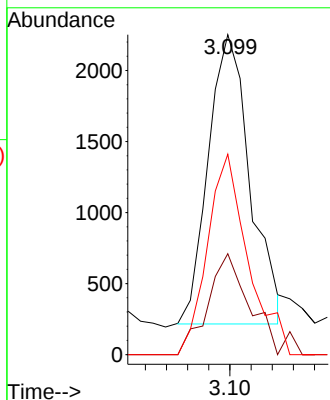
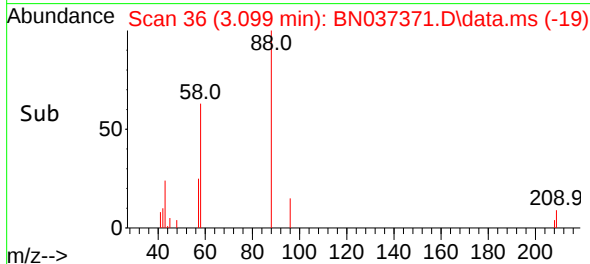
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2025-03



Tgt Ion: 88 Resp: 279
 Ion Ratio Lower Upper
 88 100
 43 31.5 20.2 30.2
 58 62.7 47.9 71.9

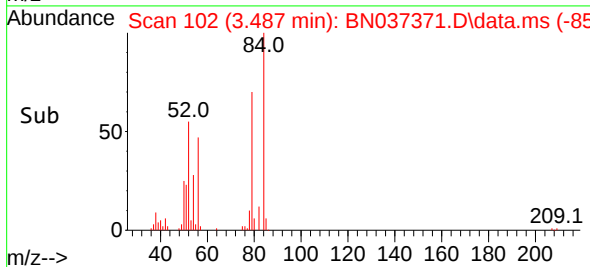
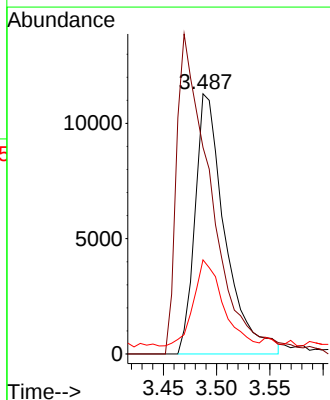
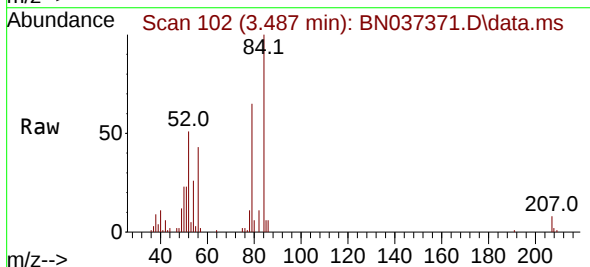
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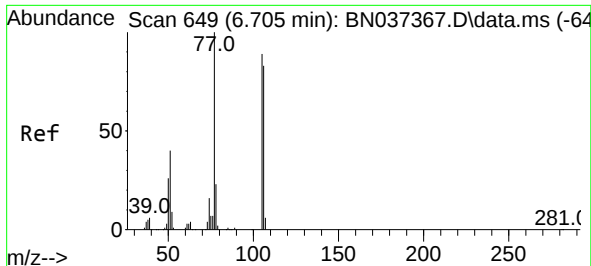
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025



#5
 Pyridine
 Concen: 5.065 ng/uL
 RT: 3.487 min Scan# 102
 Delta R.T. -0.000 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

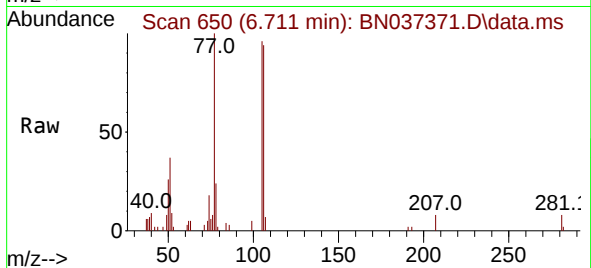
Tgt Ion: 79 Resp: 22085
 Ion Ratio Lower Upper
 79 100
 52 79.4 45.0 67.4
 51 36.2 27.6 41.4





#6
Benzaldehyde
Concen: 6.385 ng/ul
RT: 6.711 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

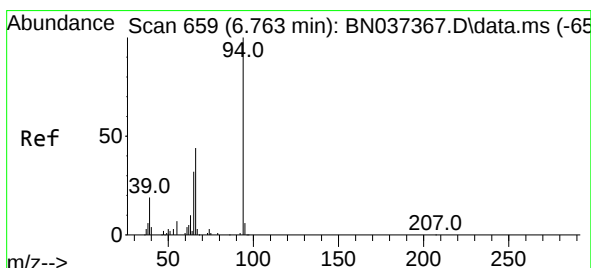
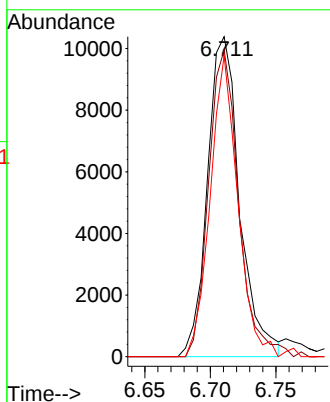
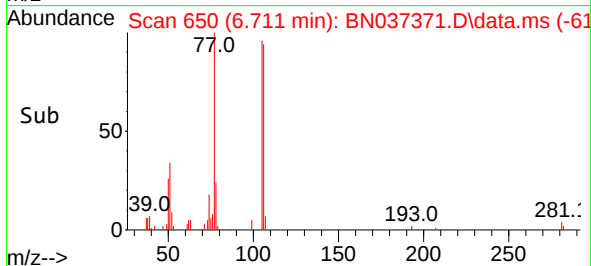
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



Tgt Ion: 77 Resp: 17708
Ion Ratio Lower Upper
77 100
105 95.9 73.5 110.3
106 94.0 71.6 107.4

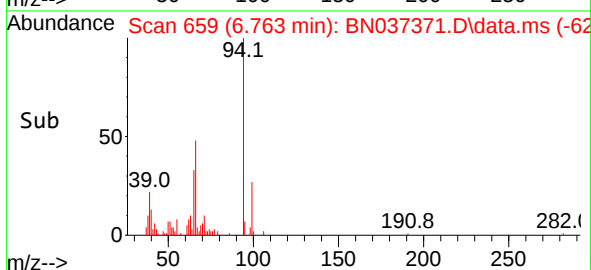
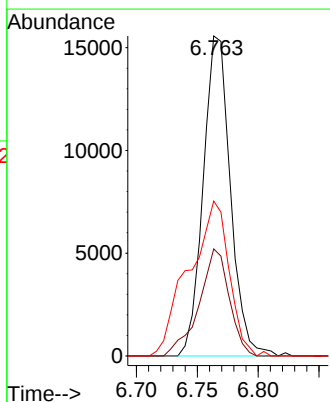
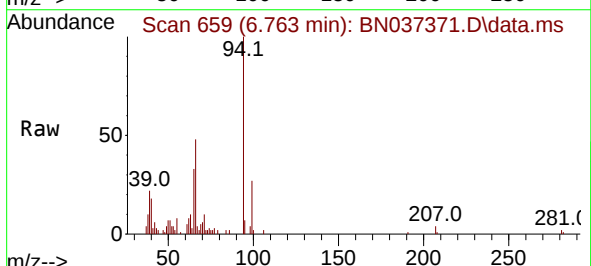
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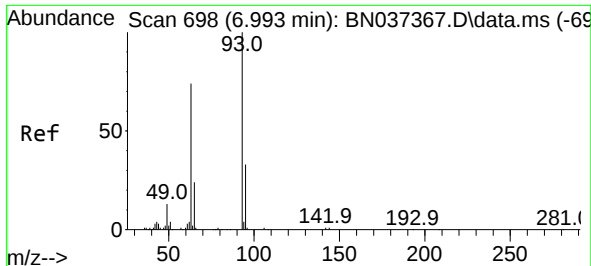
Reviewed By :Rahul Chavli 06/25/2025
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#8
Phenol
Concen: 4.865 ng/ul
RT: 6.763 min Scan# 659
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

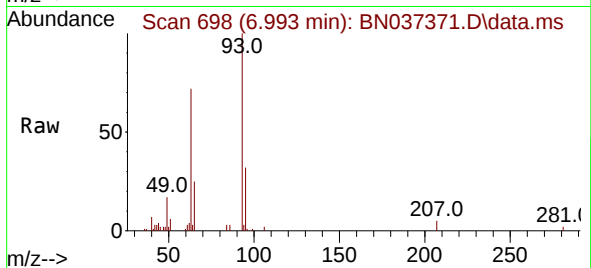
Tgt Ion: 94 Resp: 24213
Ion Ratio Lower Upper
94 100
65 33.4 28.0 42.0
66 48.4 43.8 65.8





#10
Bis(2-Chloroethyl)ether
Concen: 5.040 ng/ul
RT: 6.993 min Scan# 698
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

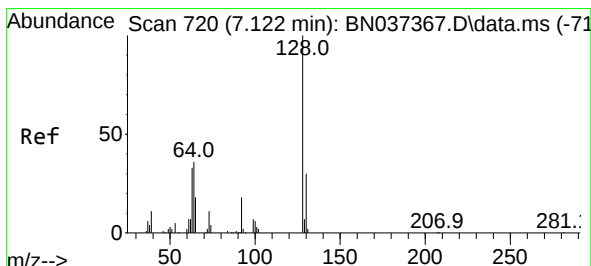
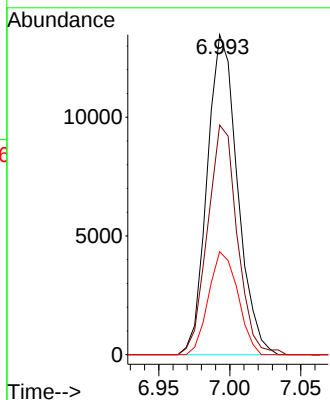
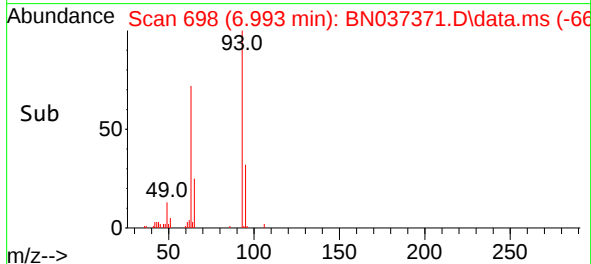
Instrument :
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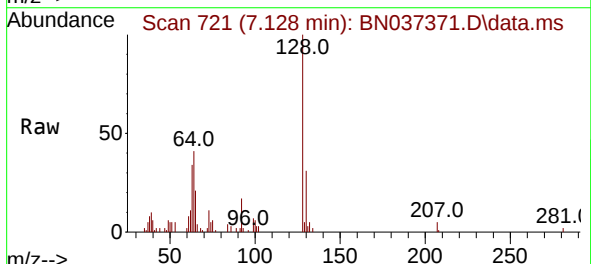
Tgt Ion: 93 Resp: 20024
Ion Ratio Lower Upper
93 100
63 71.8 58.1 87.1
95 32.2 27.2 40.8

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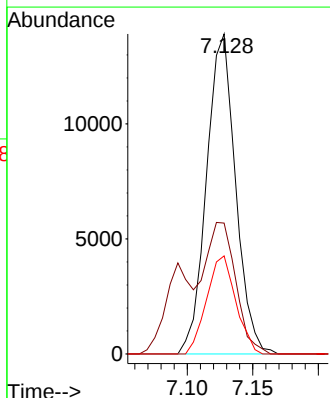
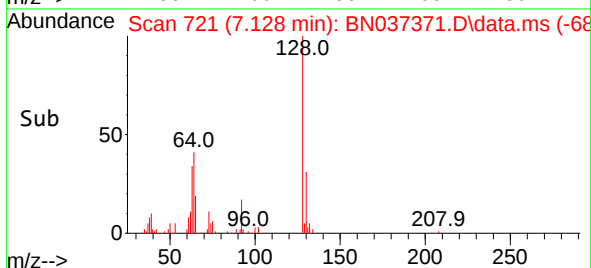
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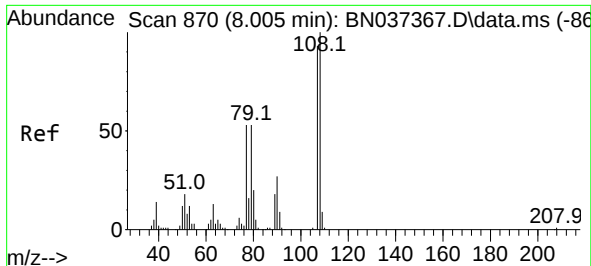


#12
2-Chlorophenol
Concen: 4.964 ng/ul
RT: 7.128 min Scan# 721
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47



Tgt Ion:128 Resp: 21464
Ion Ratio Lower Upper
128 100
64 40.9 33.2 49.8
130 30.7 26.0 39.0





#13

2-Methylphenol

Concen: 4.580 ng/ul

RT: 8.010 min Scan# 81

Delta R.T. -0.000 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03

Tgt Ion:108 Resp: 1728

Ion Ratio Lower Upper

108 100

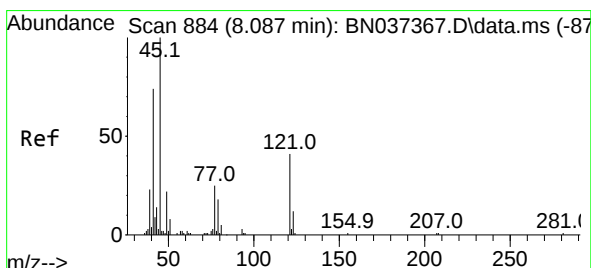
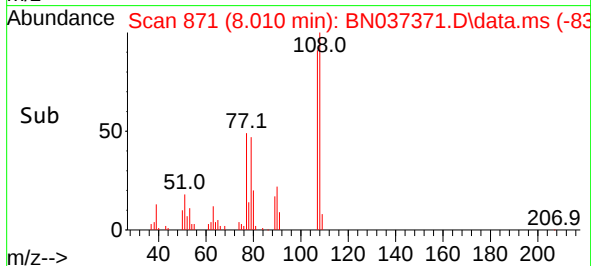
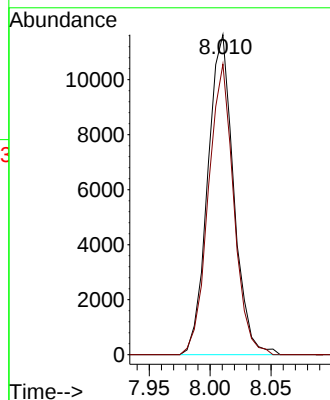
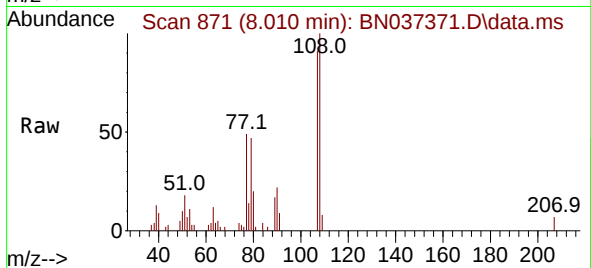
107 90.8 71.0 106.4

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.327 ng/ul

RT: 8.087 min Scan# 884

Delta R.T. -0.000 min

Lab File: BN037371.D

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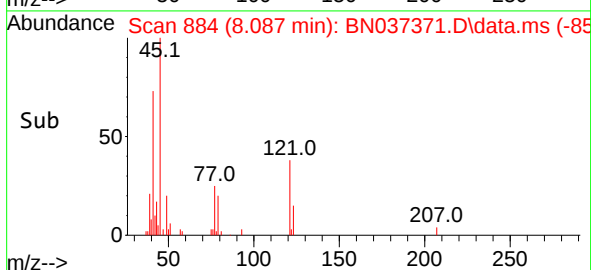
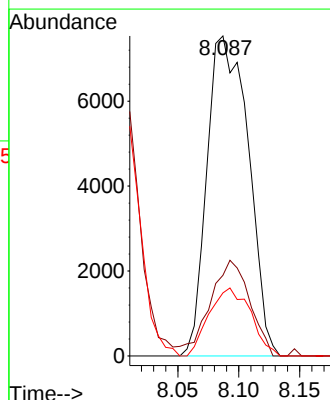
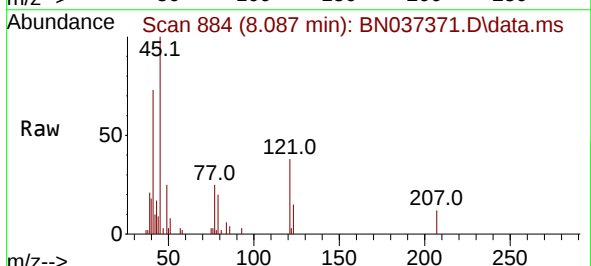
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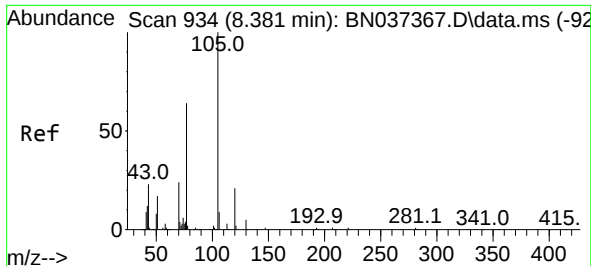
Ion Ratio Lower Upper

45 100

77 25.2 20.5 30.7

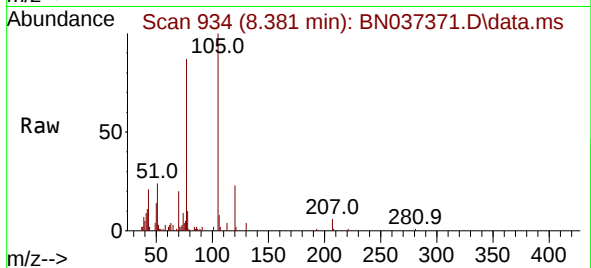
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#16
Acetophenone
Concen: 4.944 ng/ul
RT: 8.381 min Scan# 91
Delta R.T. -0.006 min
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Acq: 24 Jun 2025 13:47

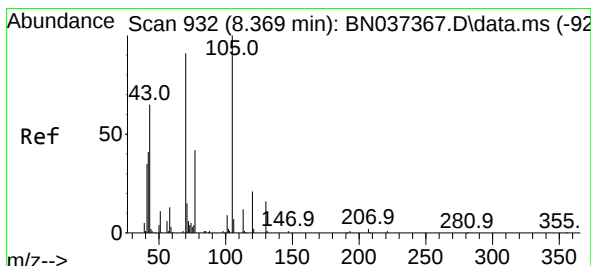
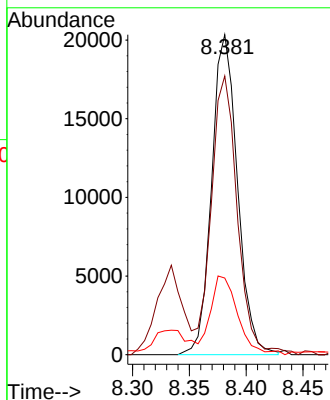
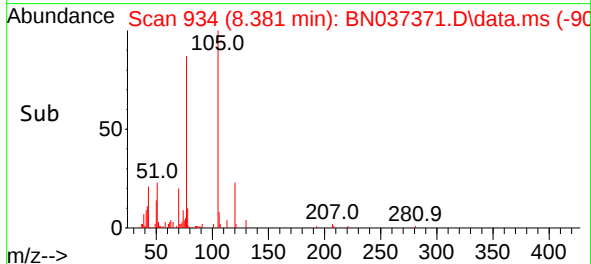
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MDL-MED-SOIL-QT2-2025-03



Tgt Ion: 105 Resp: 3215
Ion Ratio Lower Upper
105 100
77 87.1 66.1 99.1
51 24.0 20.1 30.1

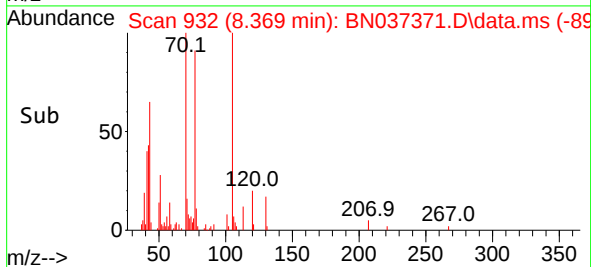
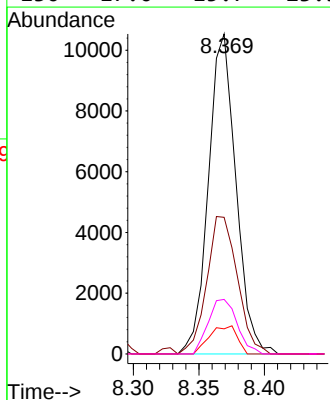
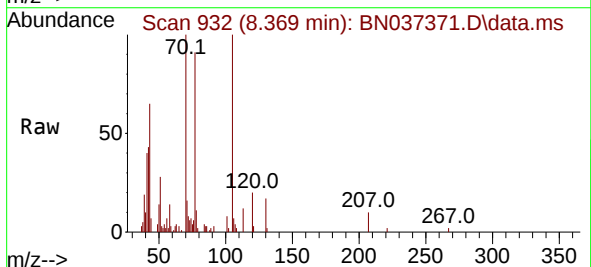
Manual Integrations
APPROVED

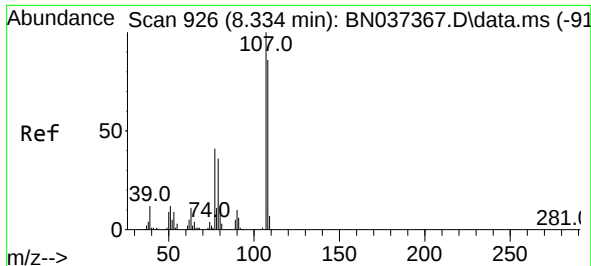
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#17
N-Nitroso-di-n-propylamine
Concen: 4.976 ng/ul
RT: 8.369 min Scan# 932
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

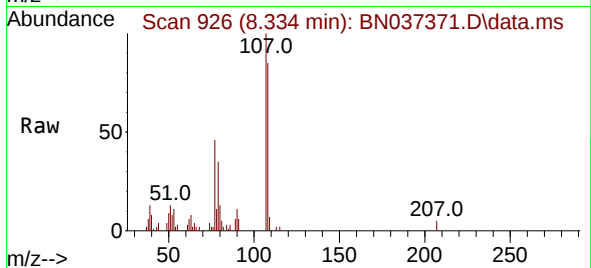
Tgt Ion: 70 Resp: 15376
Ion Ratio Lower Upper
70 100
42 42.7 40.7 61.1
101 7.9 8.9 13.3#
130 17.0 15.7 23.5





#18
4-Methylphenol
Concen: 4.631 ng/ul
RT: 8.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

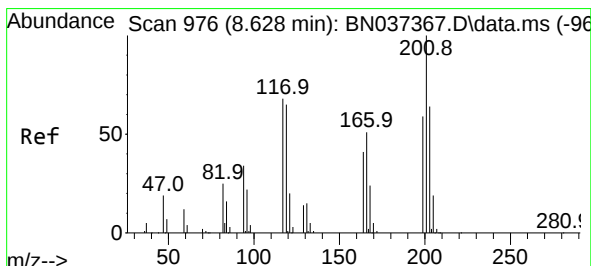
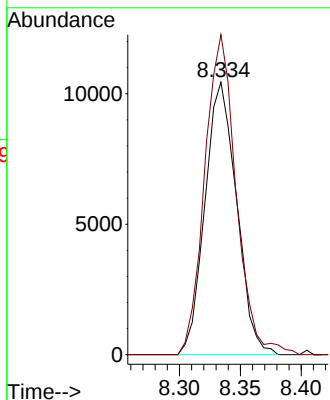
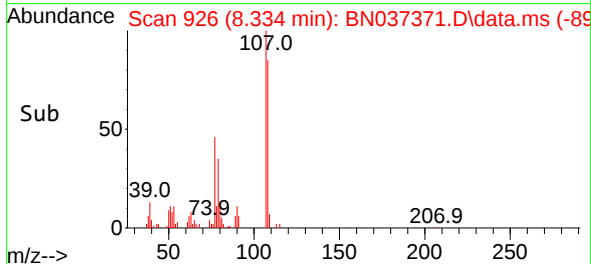
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



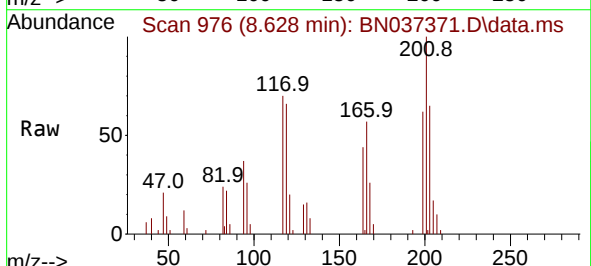
Tgt Ion:108 Resp: 1889
Ion Ratio Lower Upper
108 100
107 117.4 88.3 132.5

Manual Integrations
APPROVED

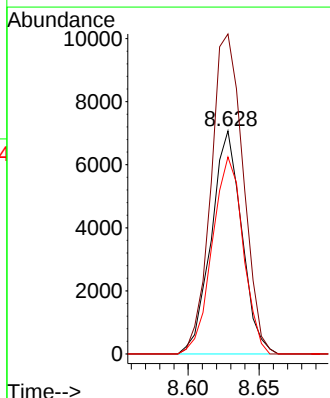
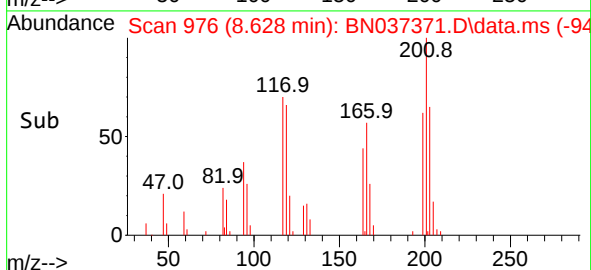
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

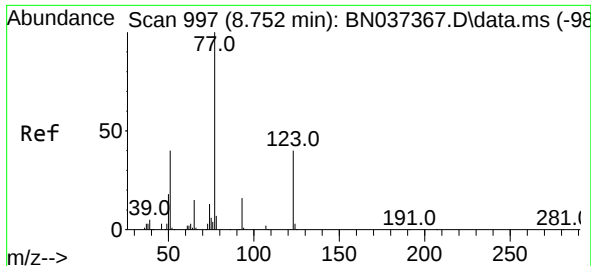


#19
Hexachloroethane
Concen: 4.673 ng/ul
RT: 8.628 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47



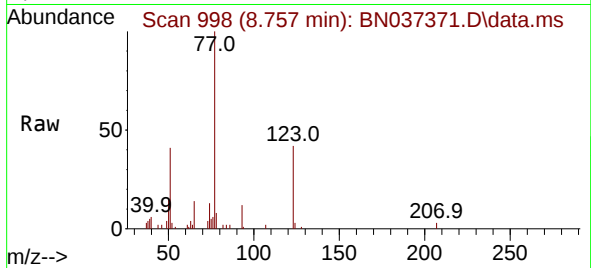
Tgt Ion:117 Resp: 10584
Ion Ratio Lower Upper
117 100
201 146.8 114.0 171.0
199 88.3 71.3 106.9





#22
Nitrobenzene
Concen: 4.724 ng/ul
RT: 8.757 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

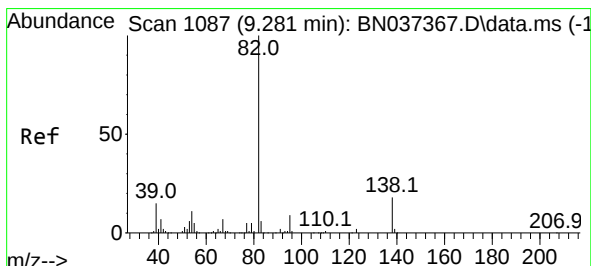
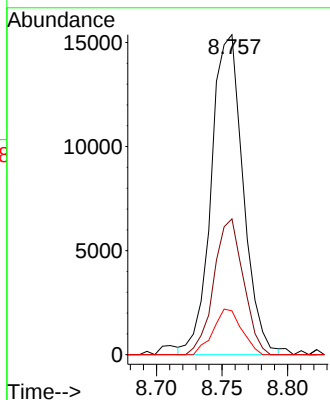
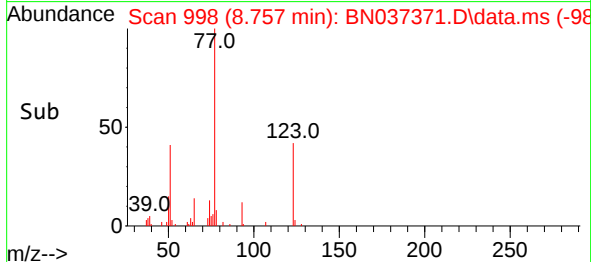
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03



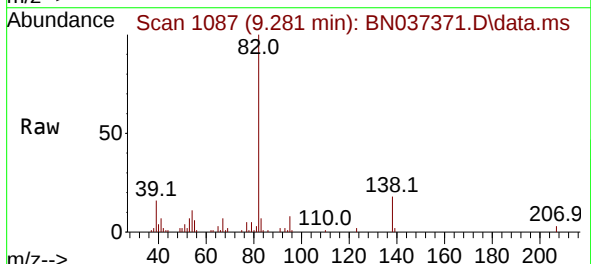
Tgt Ion: 77 Resp: 26019
Ion Ratio Lower Upper
77 100
123 42.5 29.8 44.8
65 13.7 12.0 18.0

Manual Integrations
APPROVED

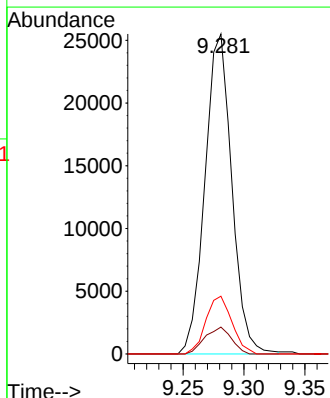
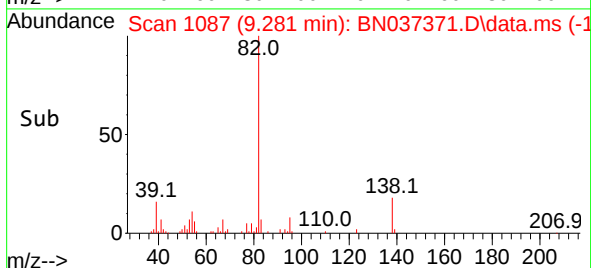
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

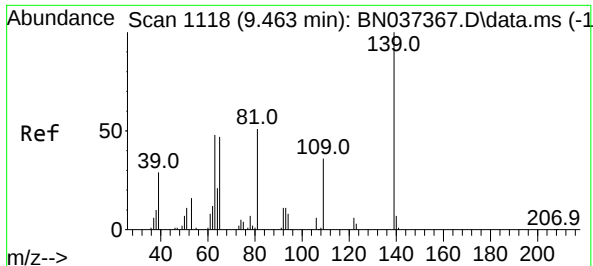


#23
Isophorone
Concen: 4.606 ng/ul
RT: 9.281 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47



Tgt Ion: 82 Resp: 39052
Ion Ratio Lower Upper
82 100
95 8.4 6.9 10.3
138 18.1 13.7 20.5





#25

2-Nitrophenol

Concen: 4.429 ng/ul

RT: 9.463 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03

Tgt Ion:139 Resp: 1111

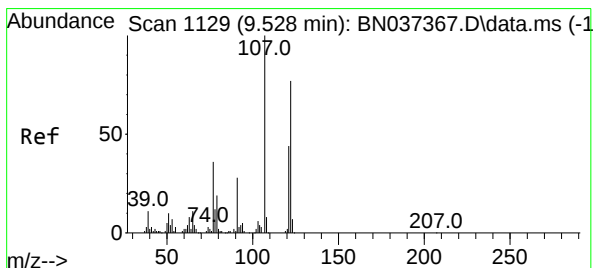
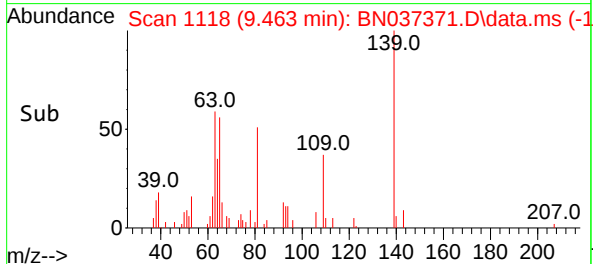
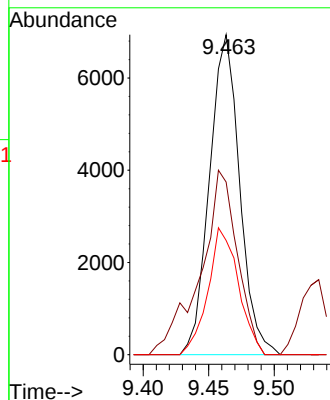
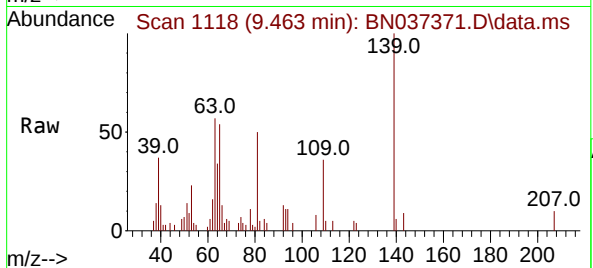
Ion	Ratio	Lower	Upper
139	100		
65	54.0	46.3	69.5
109	35.7	37.0	55.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#26

2,4-Dimethylphenol

Concen: 4.412 ng/ul

RT: 9.528 min Scan# 1129

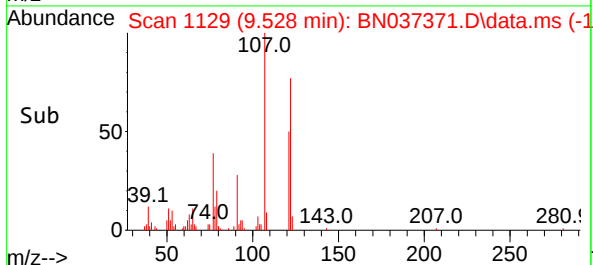
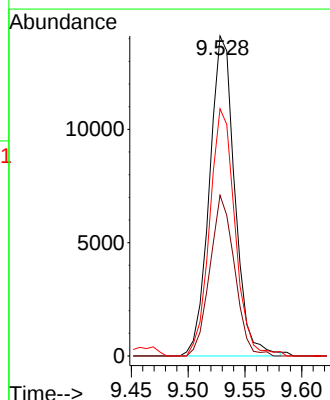
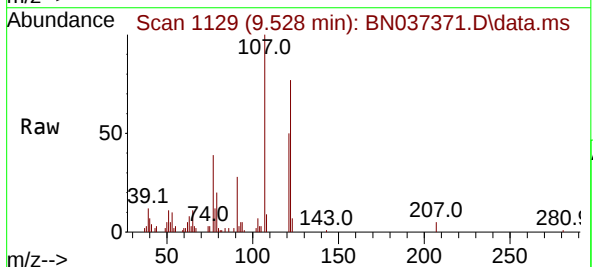
Delta R.T. -0.006 min

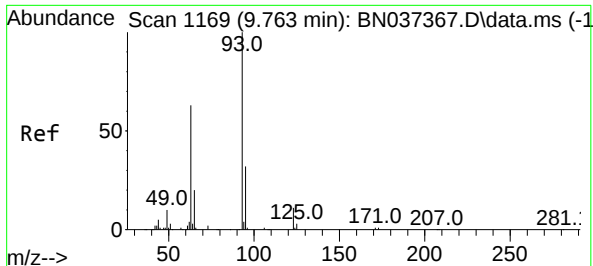
Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

Tgt Ion:107 Resp: 21918

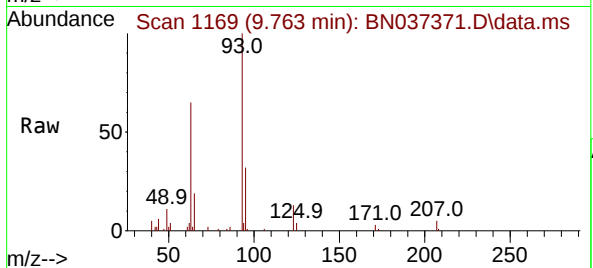
Ion	Ratio	Lower	Upper
107	100		
121	50.2	39.4	59.0
122	77.2	60.7	91.1





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.861 ng/ul
 RT: 9.763 min Scan# 1169
 Delta R.T. -0.006 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

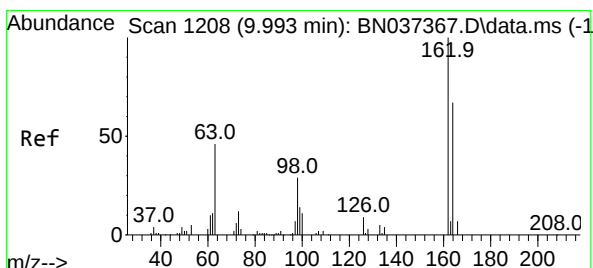
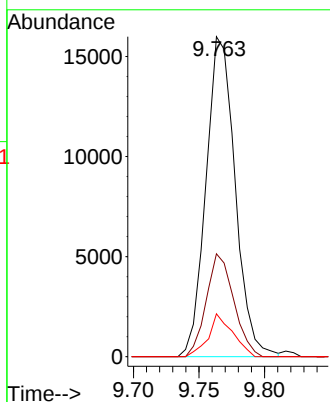
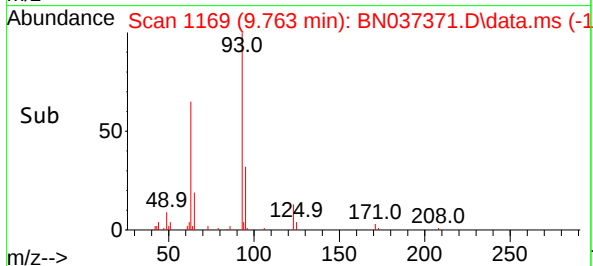
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03



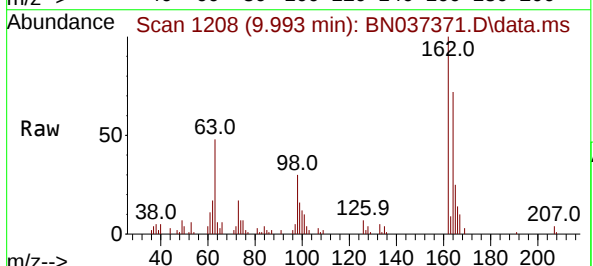
Tgt Ion: 93 Resp: 24754
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.0 37.6
 123 13.4 9.7 14.5

Manual Integrations
 APPROVED

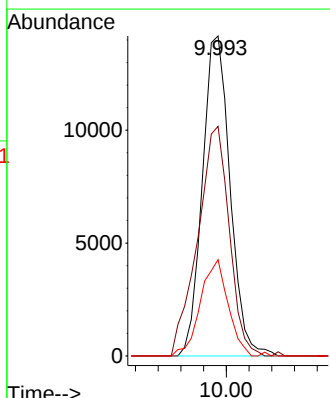
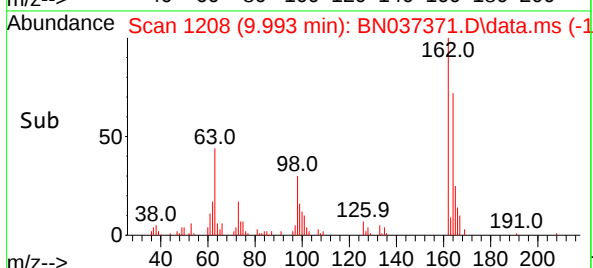
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

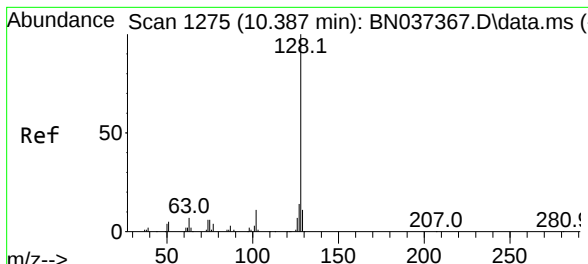


#29
 2,4-Dichlorophenol
 Concen: 4.577 ng/ul
 RT: 9.993 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47



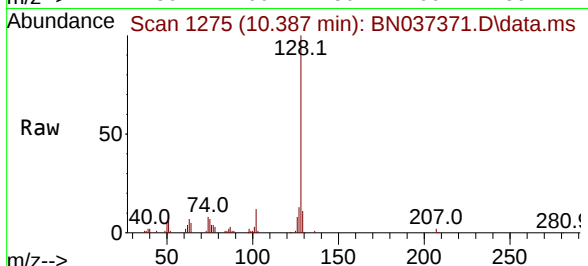
Tgt Ion:162 Resp: 24022
 Ion Ratio Lower Upper
 162 100
 164 71.7 53.0 79.6
 98 30.1 23.7 35.5





#30
Naphthalene
Concen: 4.861 ng/ul
RT: 10.387 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

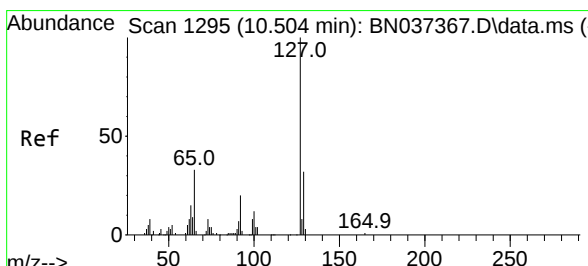
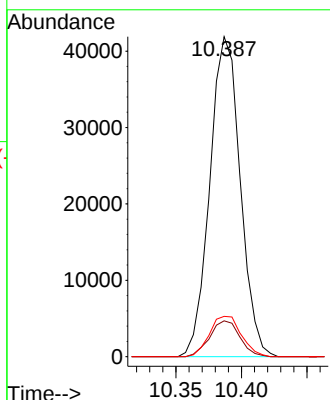
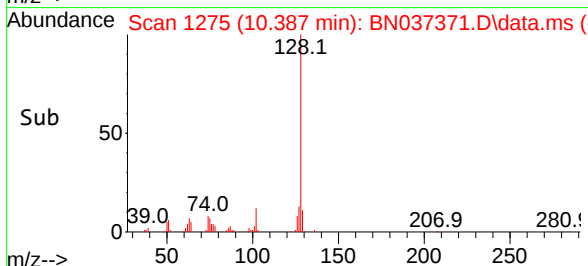
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



Tgt Ion:128 Resp: 67638
Ion Ratio Lower Upper
128 100
129 11.2 9.9 14.9
127 12.6 11.1 16.7

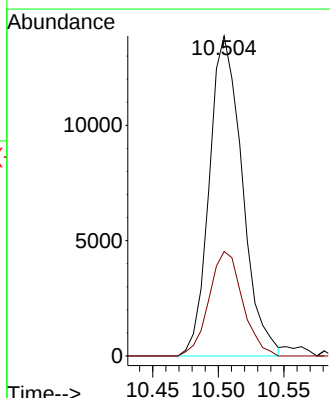
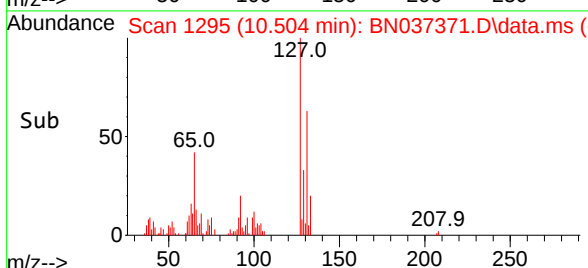
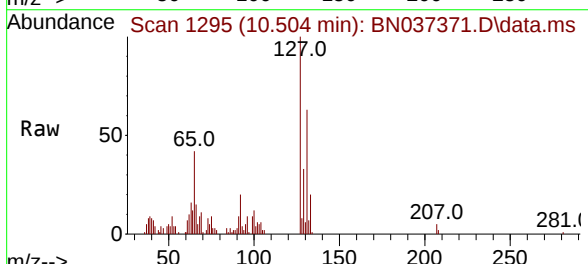
Manual Integrations
APPROVED

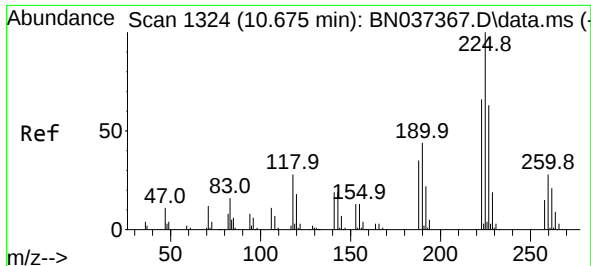
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#32
4-Chloroaniline
Concen: 4.523 ng/ul
RT: 10.504 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

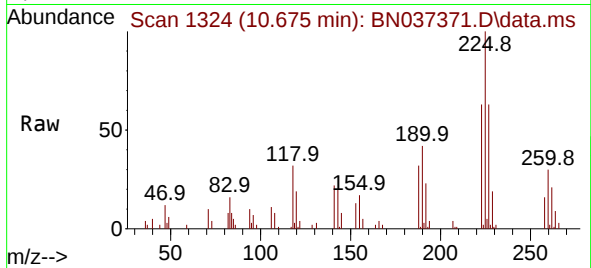
Tgt Ion:127 Resp: 24236
Ion Ratio Lower Upper
127 100
129 32.6 27.9 41.9





#33
Hexachlorobutadiene
Concen: 4.155 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

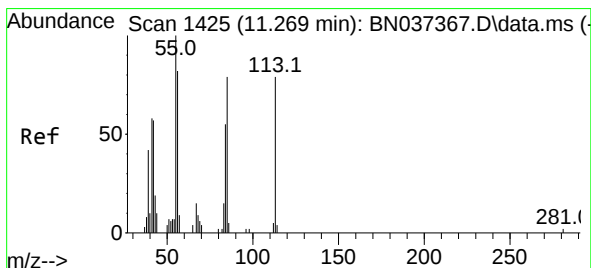
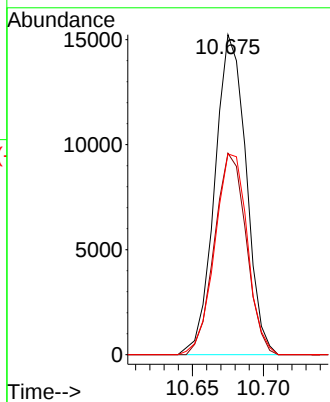
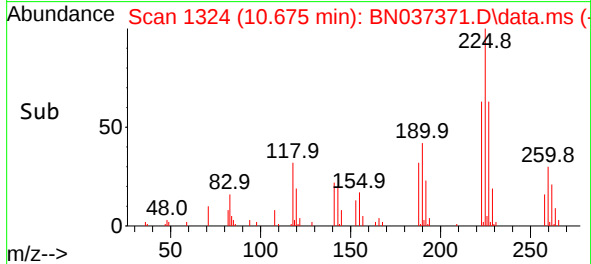
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



Tgt Ion:225 Resp: 23354
Ion Ratio Lower Upper
225 100
223 63.0 48.2 72.2
227 65.2 47.0 70.4

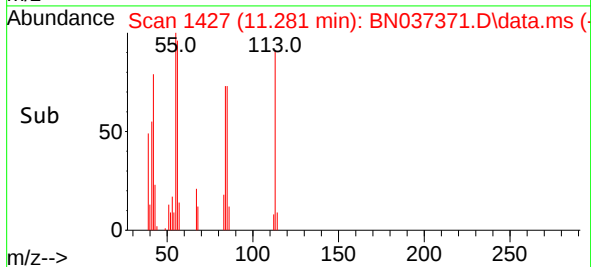
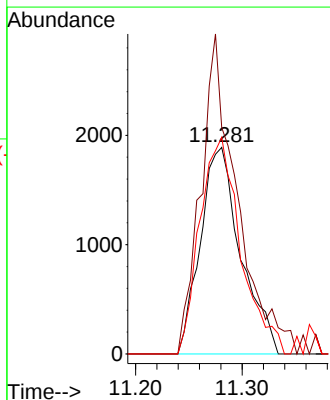
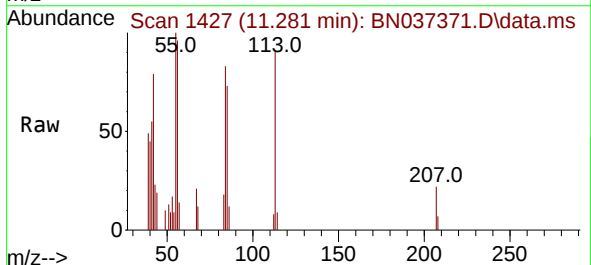
Manual Integrations
APPROVED

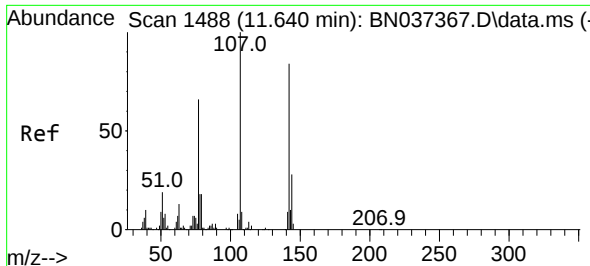
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#34
Caprolactam
Concen: 4.514 ng/ul
RT: 11.281 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

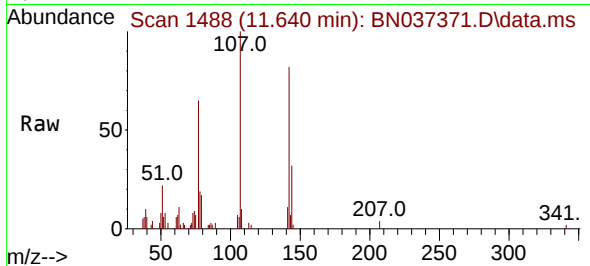
Tgt Ion:113 Resp: 4974
Ion Ratio Lower Upper
113 100
55 109.6 97.0 145.4
56 104.9 80.3 120.5





#35
4-Chloro-3-methylphenol
Concen: 4.116 ng/ul
RT: 11.640 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

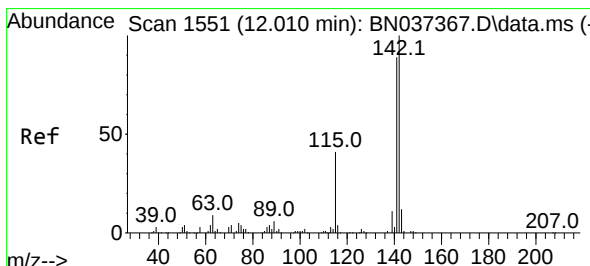
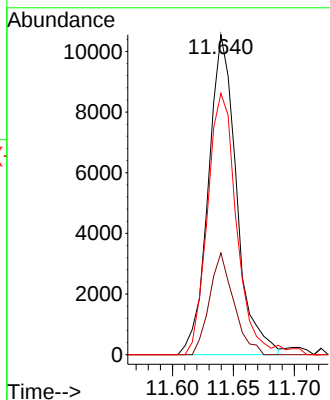
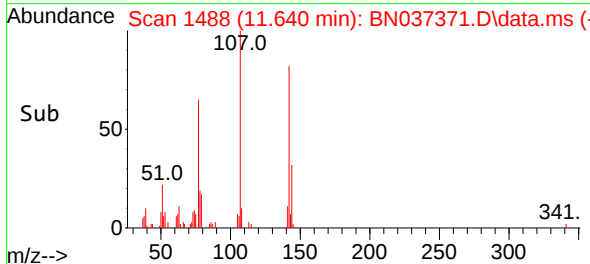
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



Tgt Ion:107 Resp: 1698
Ion Ratio Lower Upper
107 100
144 31.8 22.9 34.3
142 81.7 63.5 95.3

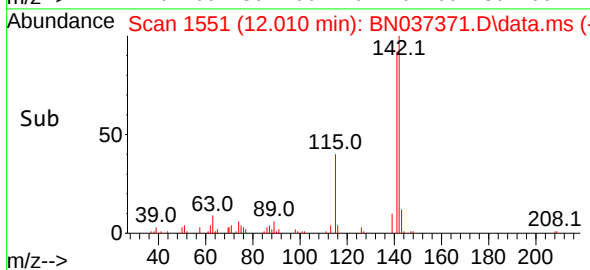
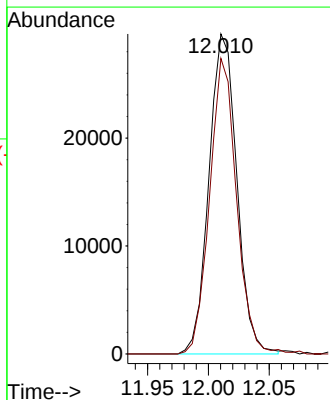
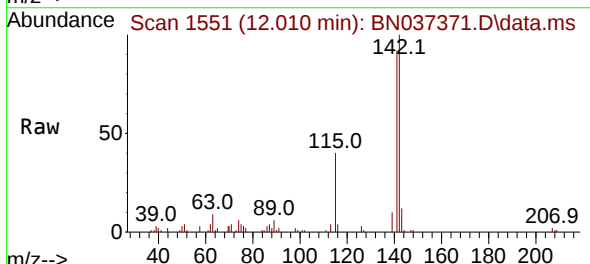
Manual Integrations
APPROVED

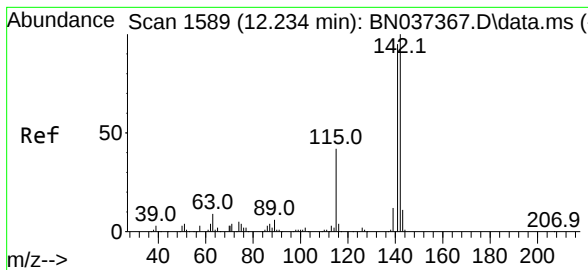
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#36
2-Methylnaphthalene
Concen: 4.465 ng/ul
RT: 12.010 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

Tgt Ion:142 Resp: 47250
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6





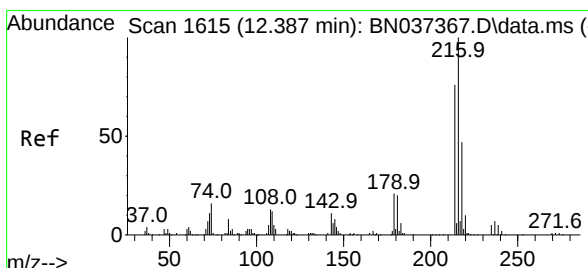
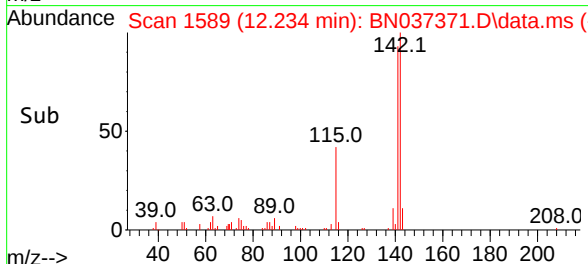
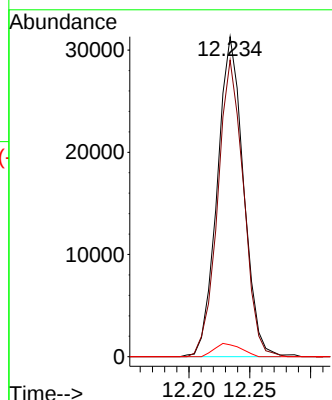
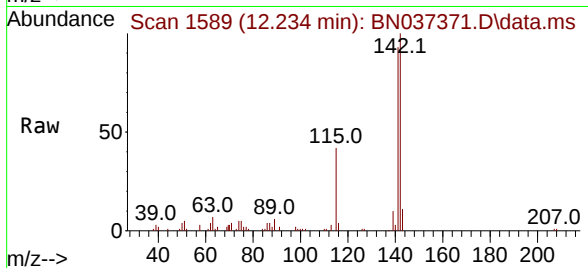
#37
1-Methylnaphthalene
Concen: 4.518 ng/ul
RT: 12.234 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

Tgt Ion:142 Resp: 4706
Ion Ratio Lower Upper
142 100
141 92.7 76.1 114.1
116 3.7 3.5 5.3

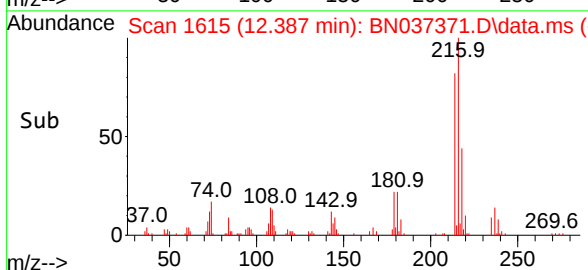
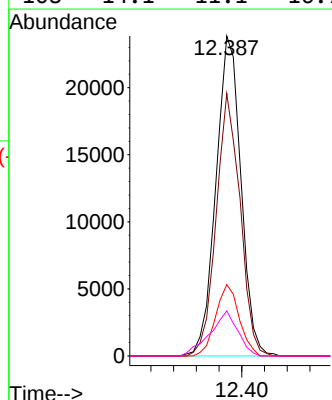
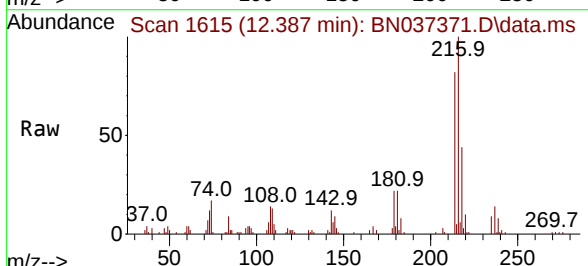
Manual Integrations
APPROVED

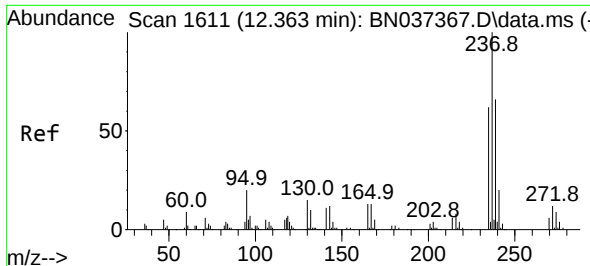
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.343 ng/ul
RT: 12.387 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

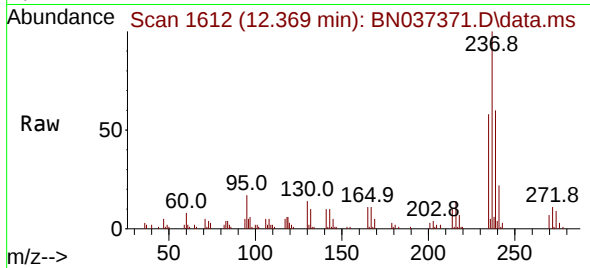
Tgt Ion:216 Resp: 36453
Ion Ratio Lower Upper
216 100
214 82.0 60.6 91.0
179 22.3 16.1 24.1
108 14.1 11.1 16.7





#40
Hexachlorocyclopentadiene
Concen: 5.964 ng/ul
RT: 12.369 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

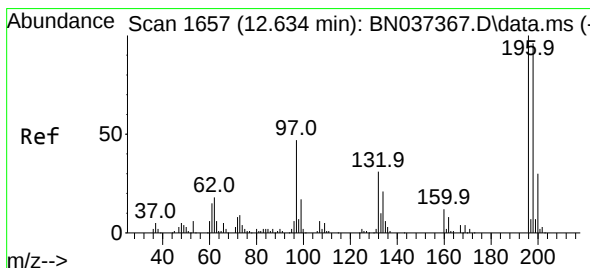
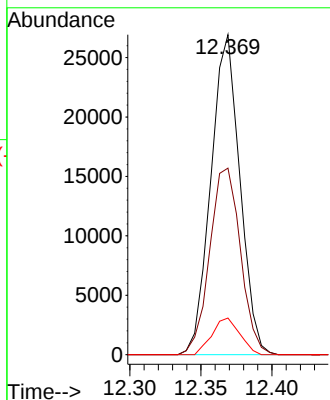
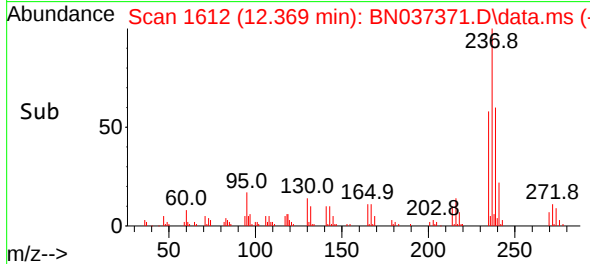
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



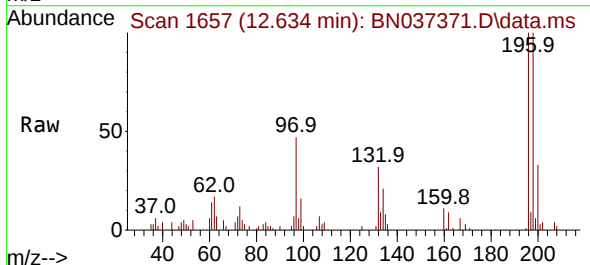
Tgt Ion:237 Resp: 38294
Ion Ratio Lower Upper
237 100
235 58.3 48.1 72.1
272 11.5 9.0 13.4

Manual Integrations
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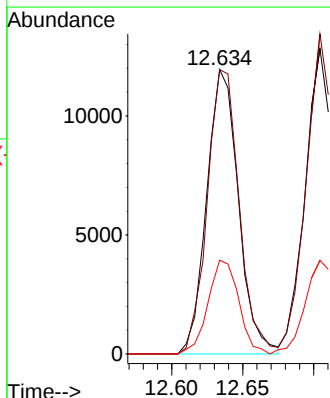
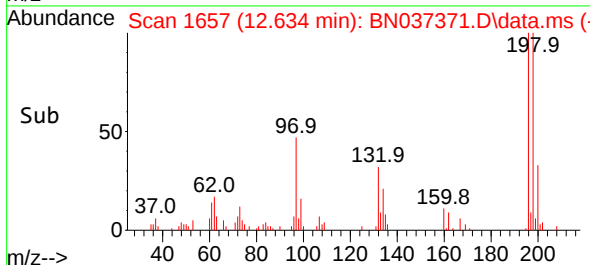
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

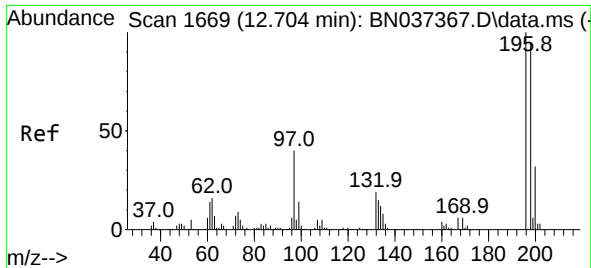


#41
2,4,6-Trichlorophenol
Concen: 3.931 ng/ul
RT: 12.634 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47



Tgt Ion:196 Resp: 18611
Ion Ratio Lower Upper
196 100
198 99.9 75.5 113.3
200 33.0 25.0 37.4





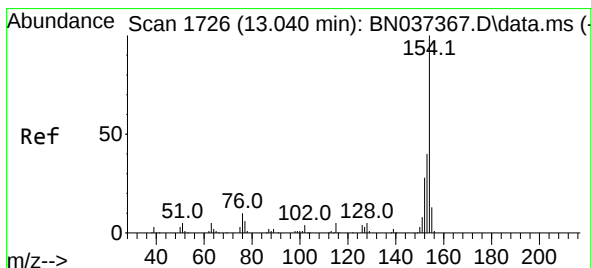
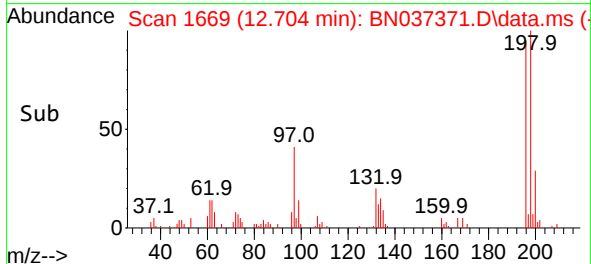
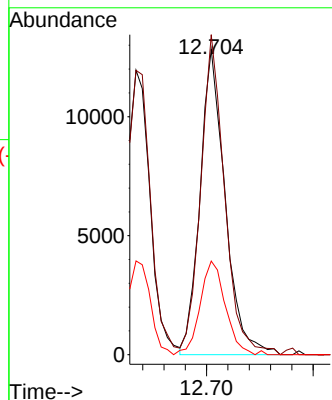
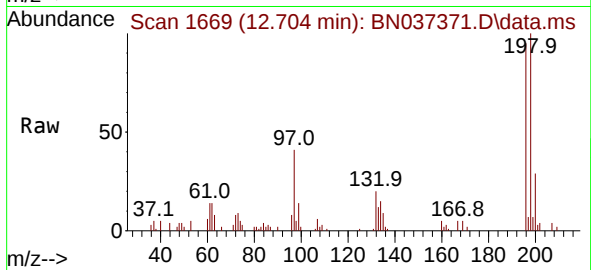
#42
2,4,5-Trichlorophenol
Concen: 3.964 ng/ul
RT: 12.704 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

Tgt Ion:196 Resp: 2109
Ion Ratio Lower Upper
196 100
198 104.8 75.1 112.7
200 30.6 23.0 34.4

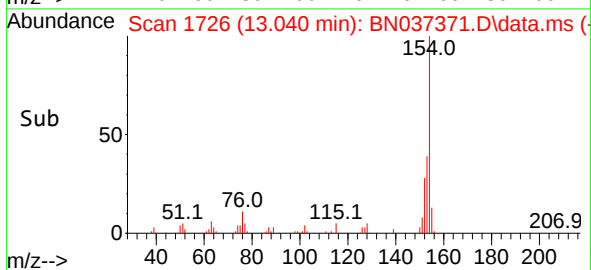
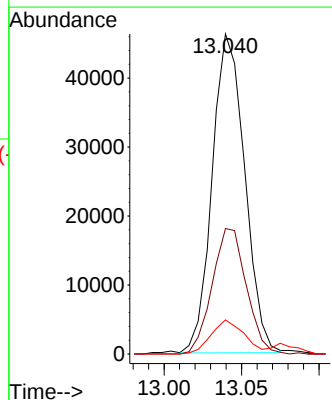
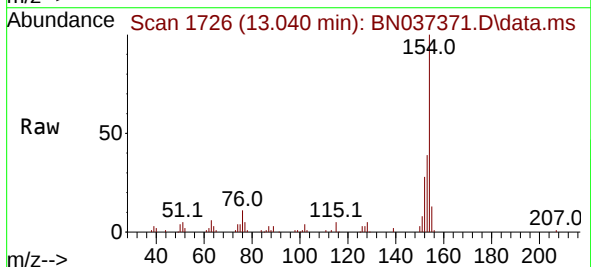
Manual Integrations
APPROVED

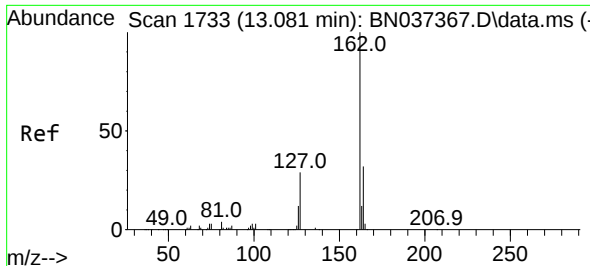
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#43
1,1'-Biphenyl
Concen: 4.640 ng/ul
RT: 13.040 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

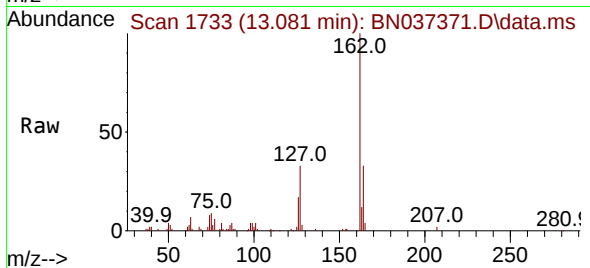
Tgt Ion:154 Resp: 67486
Ion Ratio Lower Upper
154 100
153 39.2 32.6 48.8
76 10.6 7.8 11.6





#44
2-Chloronaphthalene
Concen: 4.588 ng/ul
RT: 13.081 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

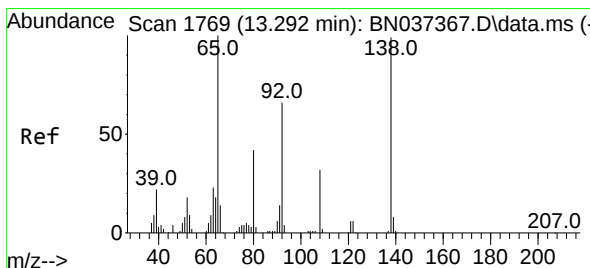
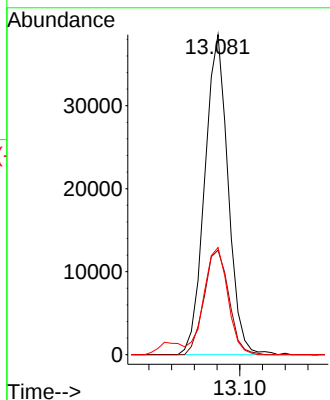
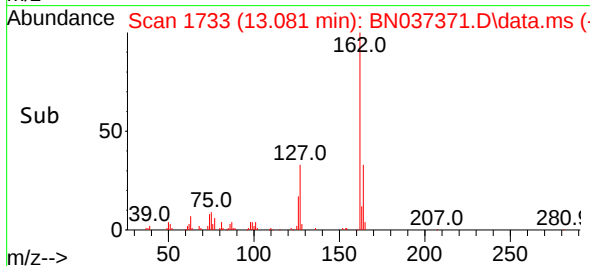
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03



Tgt Ion:162 Resp: 55052
Ion Ratio Lower Upper
162 100
164 32.6 25.8 38.8
127 33.5 28.2 42.2

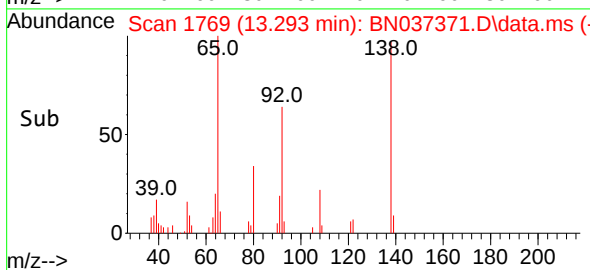
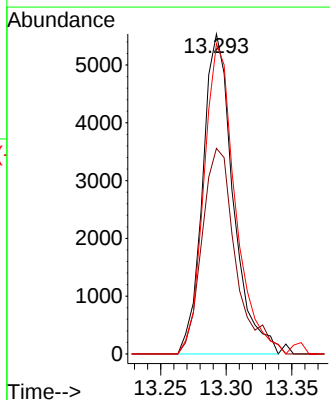
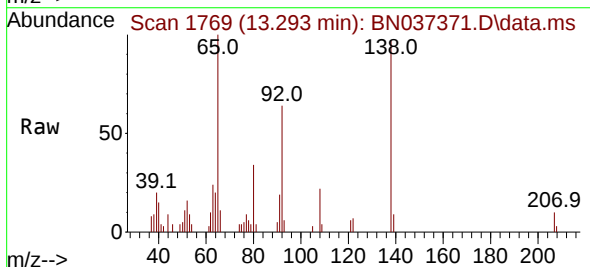
Manual Integrations
APPROVED

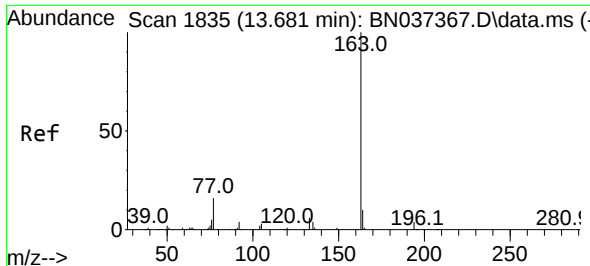
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#45
2-Nitroaniline
Concen: 3.536 ng/ul
RT: 13.293 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

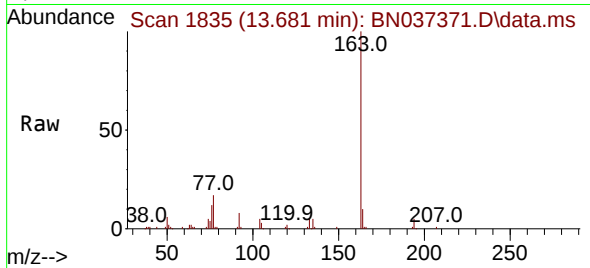
Tgt Ion: 65 Resp: 8941
Ion Ratio Lower Upper
65 100
92 64.2 53.9 80.9
138 96.9 78.4 117.6





#47
Dimethylphthalate
Concen: 4.710 ng/ul
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

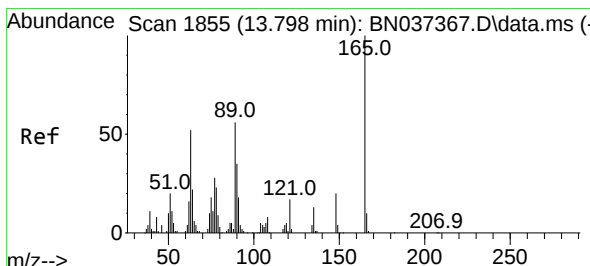
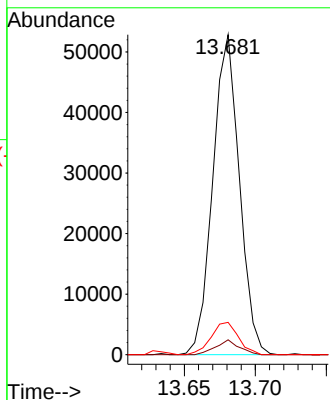
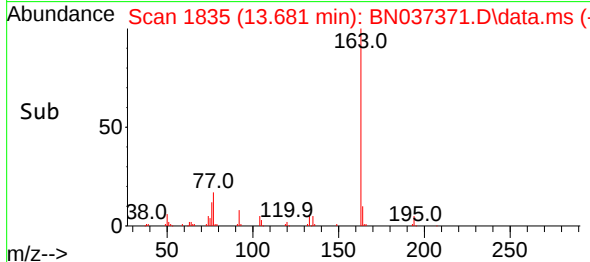
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03



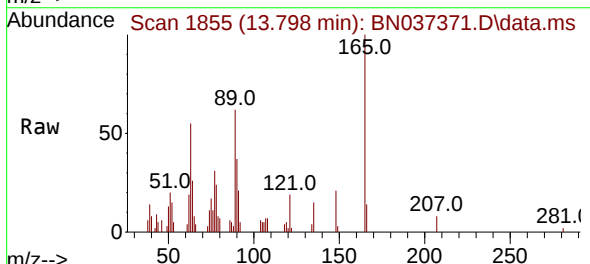
Tgt Ion:163 Resp: 68644
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.8
164 10.1 8.2 12.4

Manual Integrations
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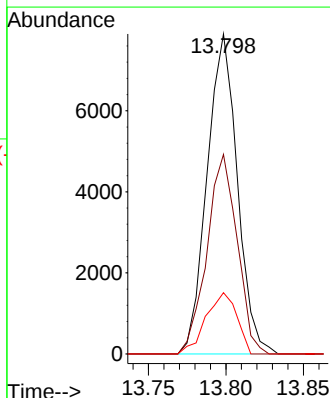
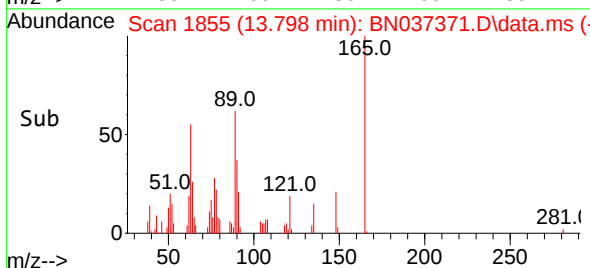
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

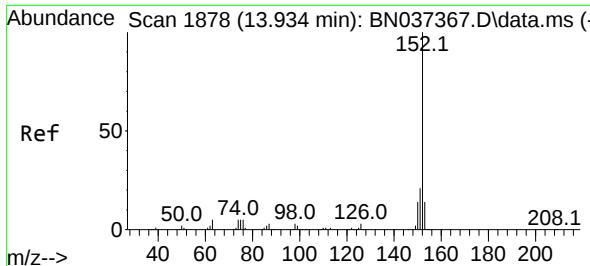


#48
2,6-Dinitrotoluene
Concen: 3.679 ng/ul
RT: 13.798 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47



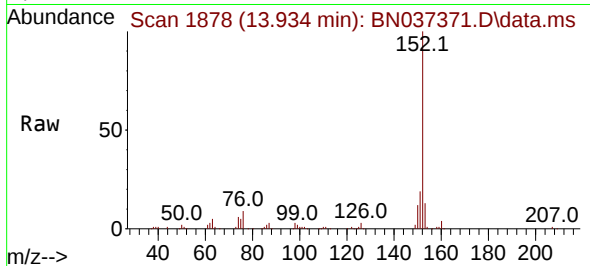
Tgt Ion:165 Resp: 10714
Ion Ratio Lower Upper
165 100
89 62.4 45.5 68.3
121 19.1 14.9 22.3





#50
Acenaphthylene
Concen: 4.818 ng/ul
RT: 13.934 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

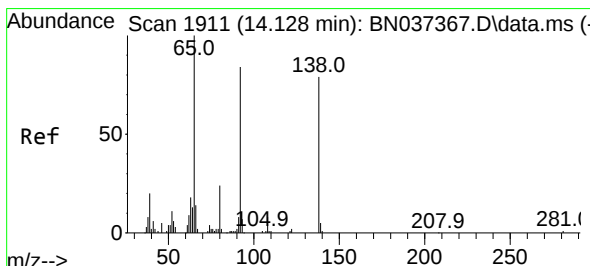
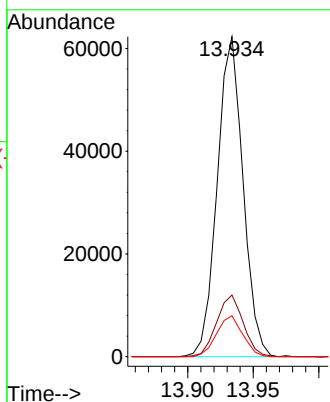
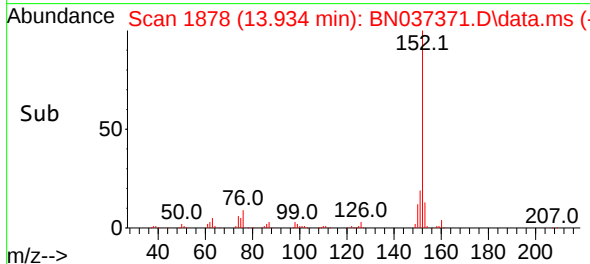
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03



Tgt Ion:152 Resp: 8515
Ion Ratio Lower Upper
152 100
151 19.3 16.5 24.7
153 12.8 10.9 16.3

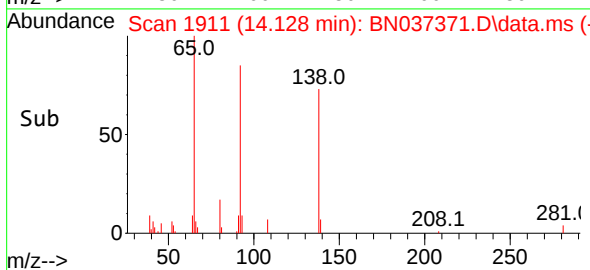
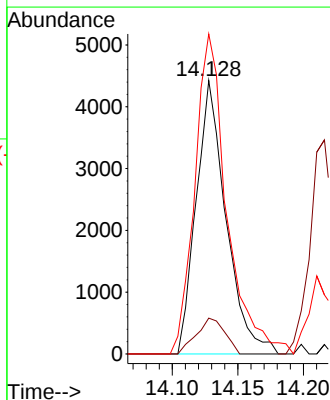
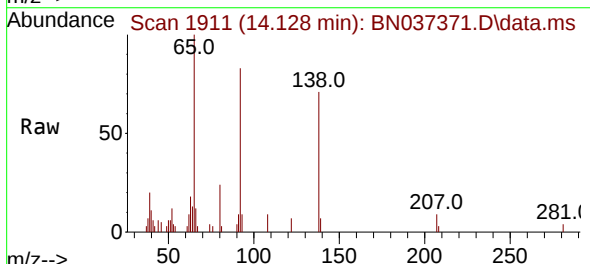
Manual Integrations
APPROVED

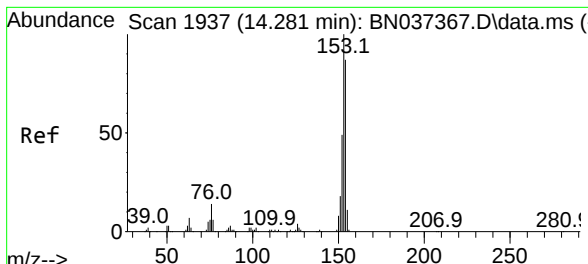
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#51
3-Nitroaniline
Concen: 3.169 ng/ul
RT: 14.128 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

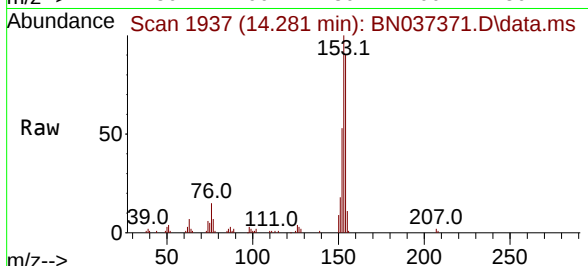
Tgt Ion:138 Resp: 7013
Ion Ratio Lower Upper
138 100
108 13.1 9.3 13.9
92 117.0 96.6 144.8





#52
 Acenaphthene
 Concen: 4.631 ng/ul
 RT: 14.281 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03

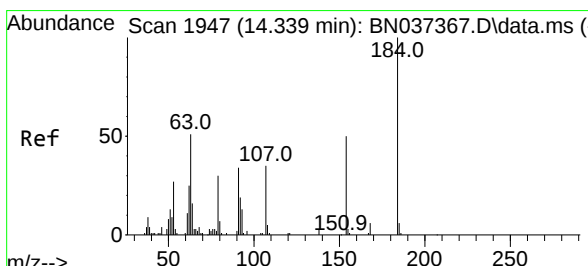
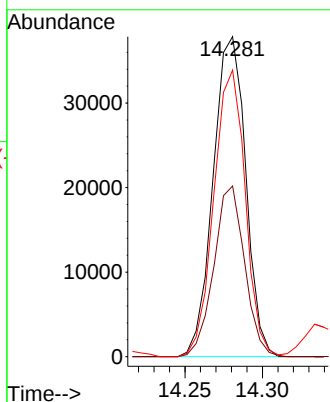
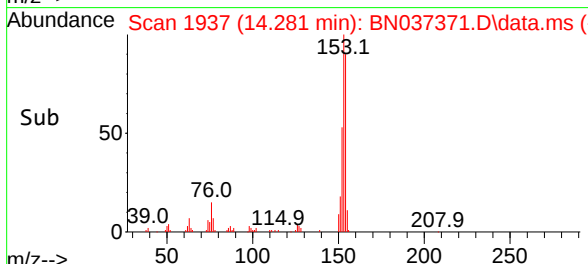


Tgt Ion:153 Resp: 55338

Ion	Ratio	Lower	Upper
153	100		
152	53.4	36.4	54.6
154	89.6	67.7	101.5

Manual Integrations
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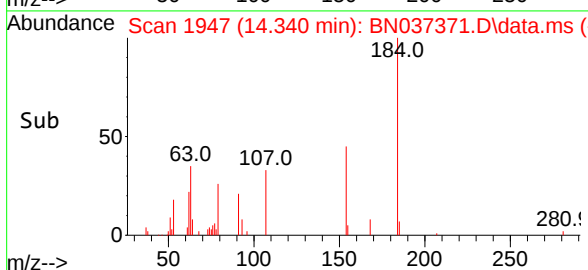
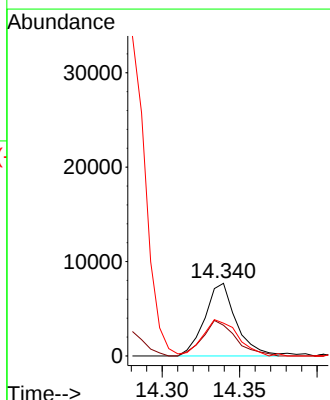
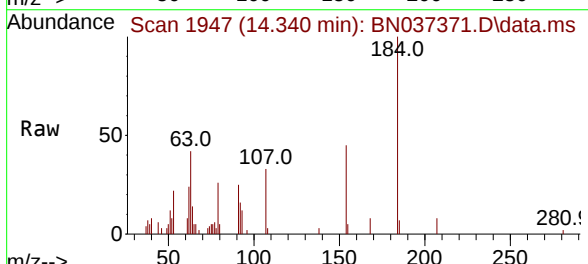
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

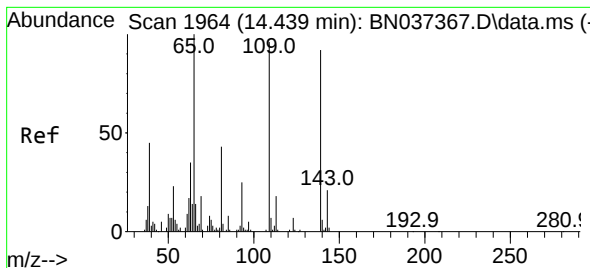


#53
 2,4-Dinitrophenol
 Concen: 5.351 ng/ul
 RT: 14.340 min Scan# 1947
 Delta R.T. -0.000 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Tgt Ion:184 Resp: 10855

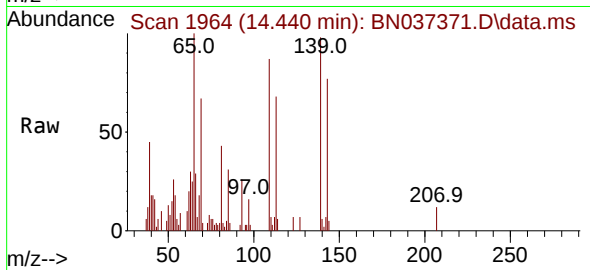
Ion	Ratio	Lower	Upper
184	100		
63	42.3	46.4	69.6#
154	45.2	53.4	80.2#





#55
4-Nitrophenol
Concen: 4.168 ng/ul
RT: 14.440 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

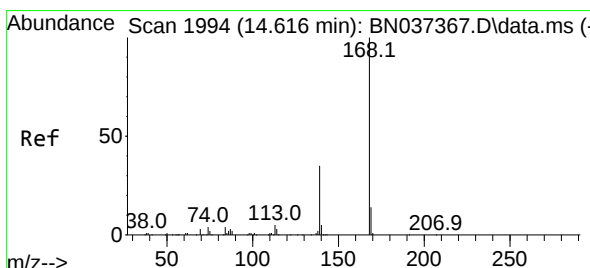
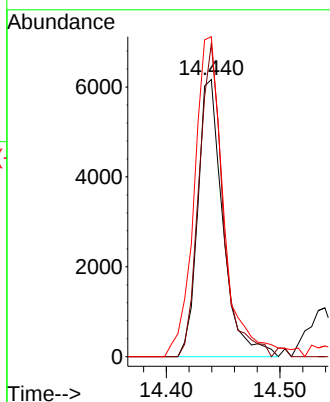
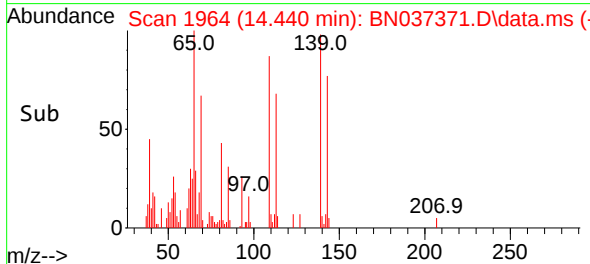
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03



Tgt Ion:109 Resp: 948
Ion Ratio Lower Upper
109 100
139 112.9 71.4 107.2
65 115.5 77.4 116.0

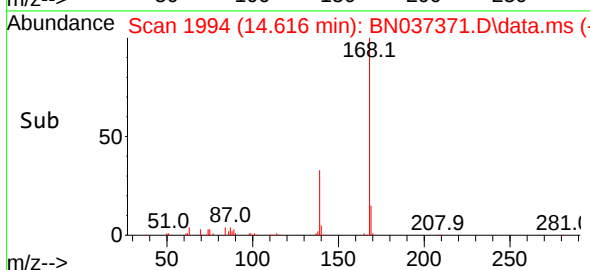
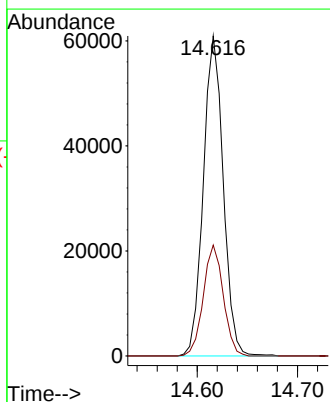
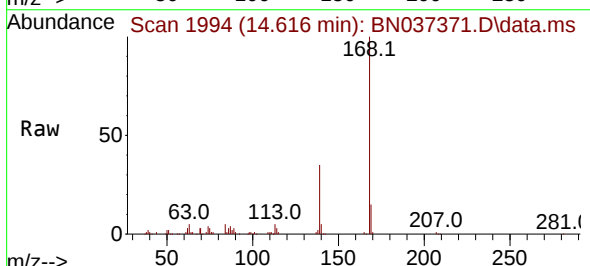
Manual Integrations
APPROVED

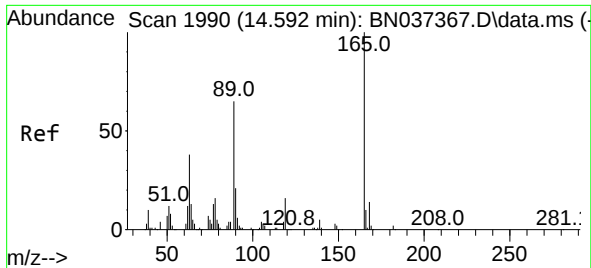
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#56
Dibenzofuran
Concen: 4.559 ng/ul
RT: 14.616 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

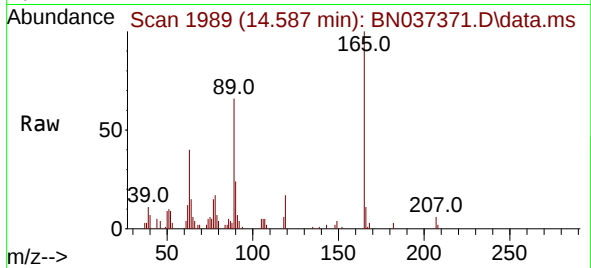
Tgt Ion:168 Resp: 84282
Ion Ratio Lower Upper
168 100
139 34.7 28.0 42.0





#57
2,4-Dinitrotoluene
Concen: 4.006 ng/ul
RT: 14.587 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

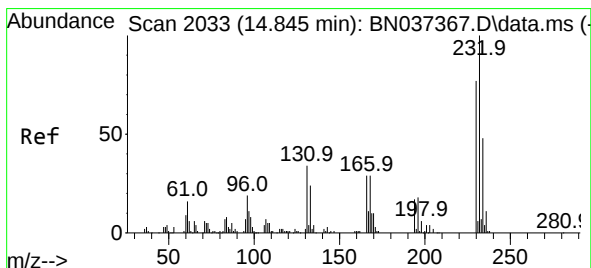
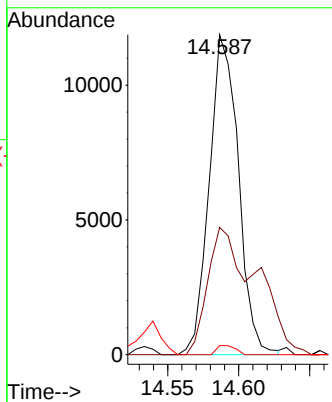
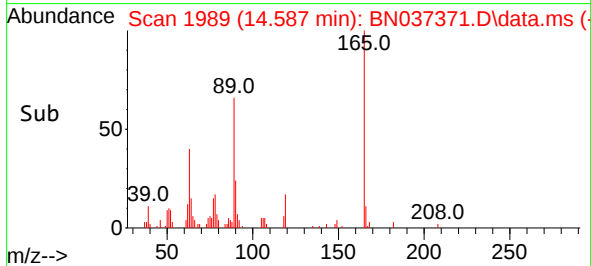
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



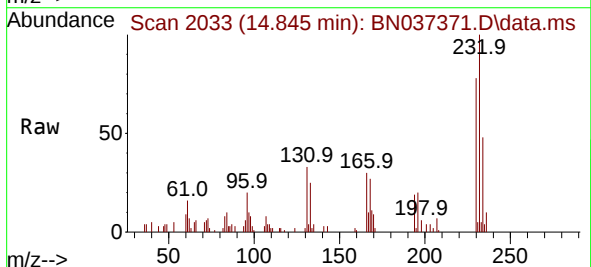
Tgt Ion:165 Resp: 16909
Ion Ratio Lower Upper
165 100
63 39.7 35.9 53.9
182 2.9 2.1 3.1

Manual Integrations
APPROVED

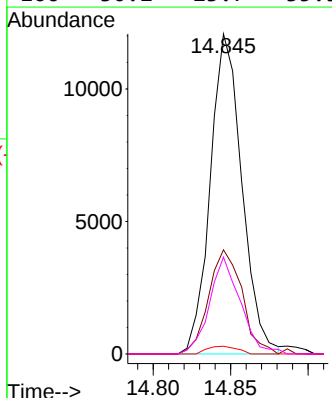
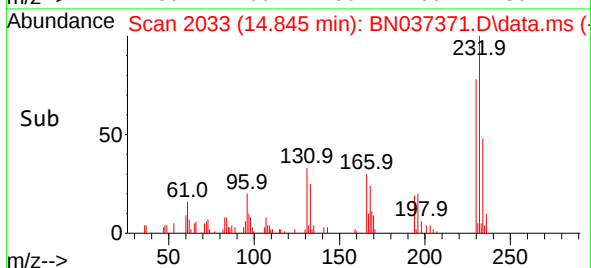
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

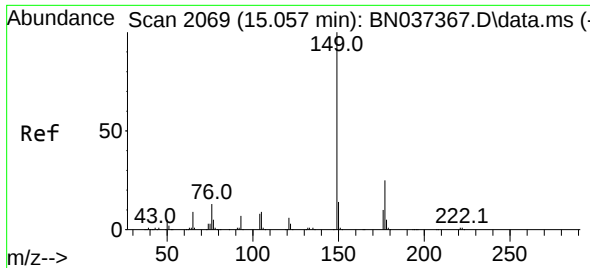


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.779 ng/ul
RT: 14.845 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47



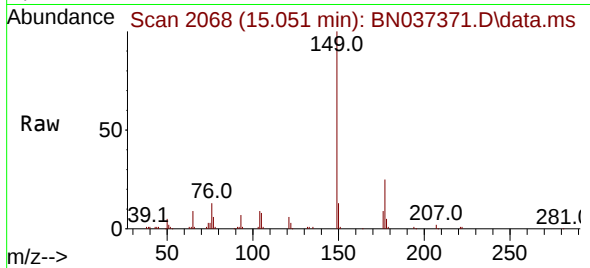
Tgt Ion:232 Resp: 17122
Ion Ratio Lower Upper
232 100
131 32.6 29.1 43.7
130 2.4 0.0 0.0#
166 30.2 23.7 35.5





#59
Diethylphthalate
Concen: 4.344 ng/ul
RT: 15.051 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

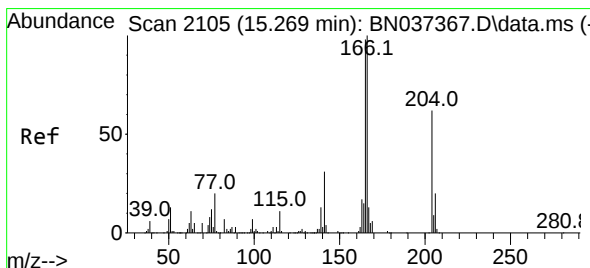
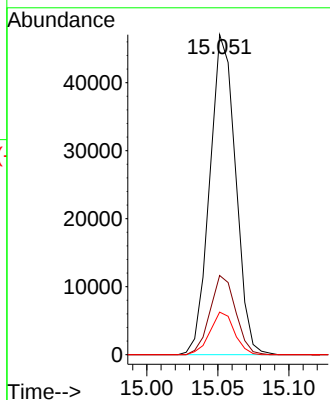
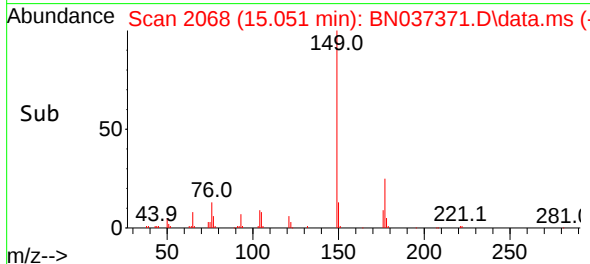
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03



Tgt Ion:149 Resp: 5952
Ion Ratio Lower Upper
149 100
177 24.8 19.0 28.4
150 13.3 10.0 15.0

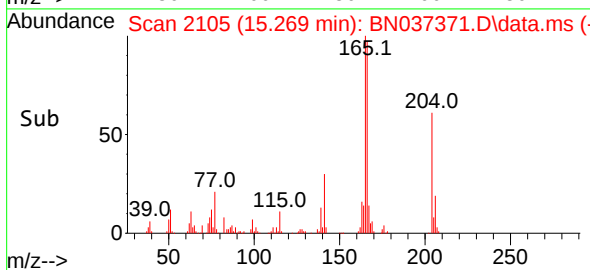
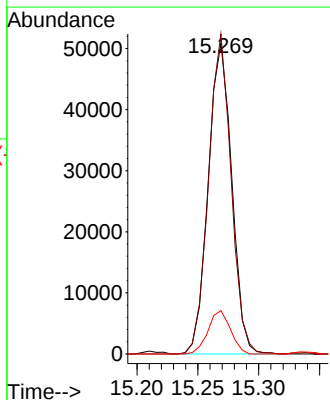
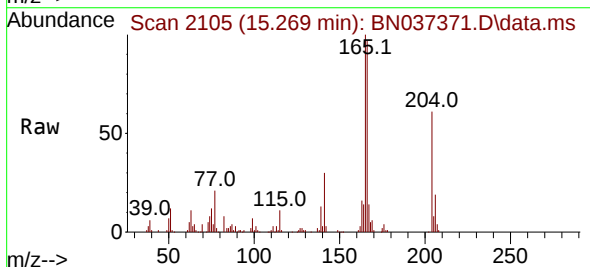
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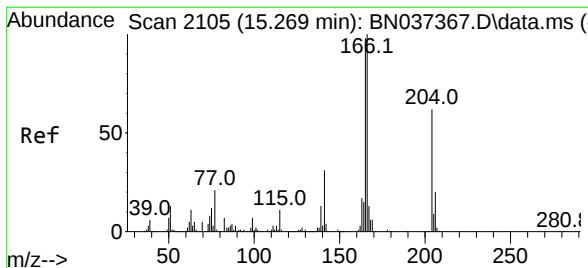
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#61
Fluorene
Concen: 4.628 ng/ul
RT: 15.269 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

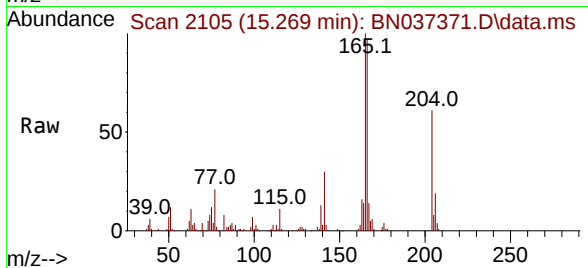
Tgt Ion:166 Resp: 68421
Ion Ratio Lower Upper
166 100
165 102.9 80.2 120.2
167 13.9 10.2 15.4





#62
4-Chlorophenyl-phenylether
Concen: 4.242 ng/ul
RT: 15.269 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

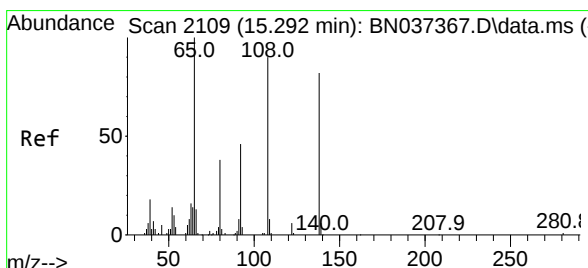
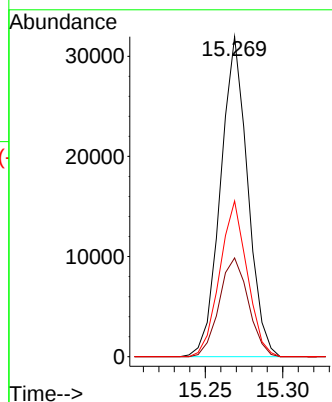
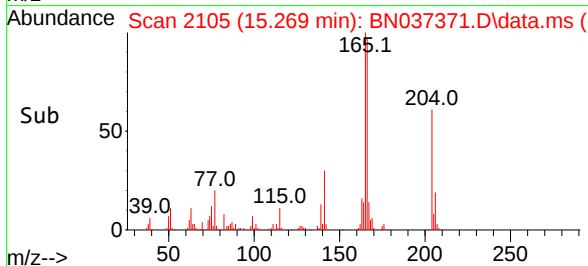
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



Tgt Ion:204 Resp: 3882
Ion Ratio Lower Upper
204 100
206 30.9 26.6 40.0
141 48.7 40.8 61.2

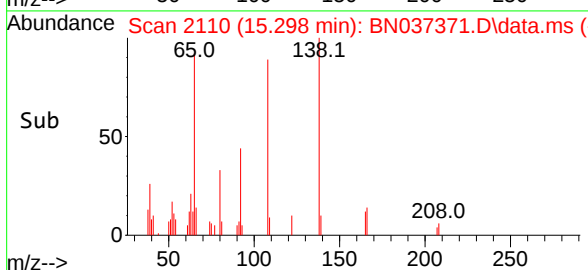
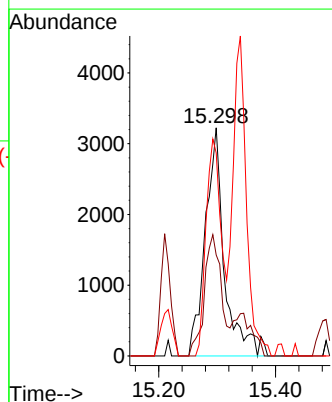
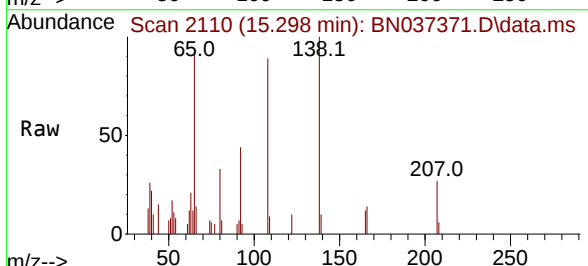
Manual Integrations
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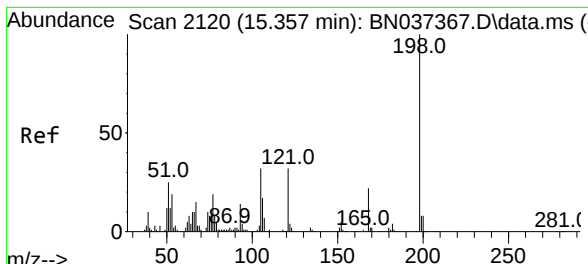
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#63
4-Nitroaniline
Concen: 3.542 ng/ul m
RT: 15.298 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

Tgt Ion:138 Resp: 7376
Ion Ratio Lower Upper
138 100
92 44.2 43.0 64.6
108 89.0 98.2 147.4#





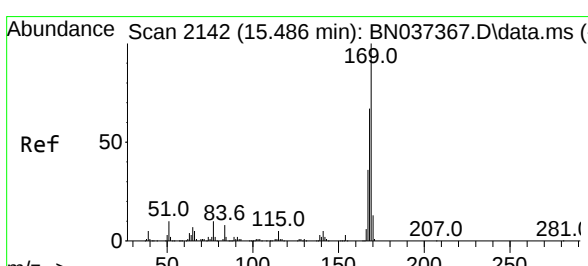
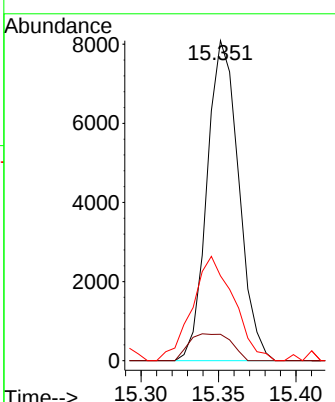
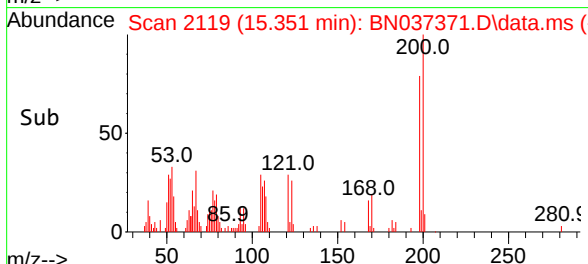
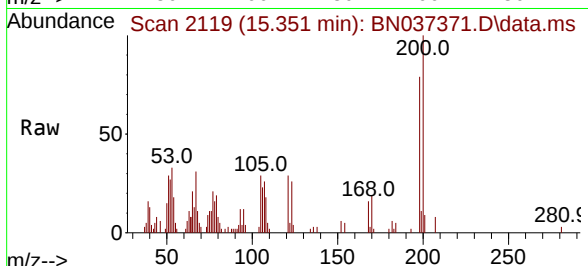
#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.766 ng/ul
 RT: 15.351 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03

Tgt Ion:198	Resp:	11500
Ion Ratio	Lower	Upper
198	100	
182	8.2	3.8 5.8
77	26.5	19.9 29.9

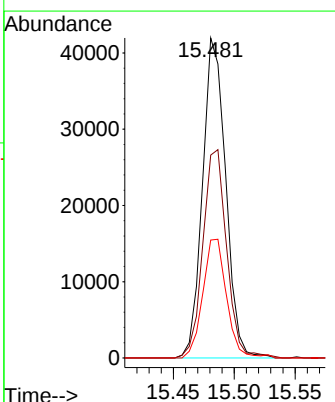
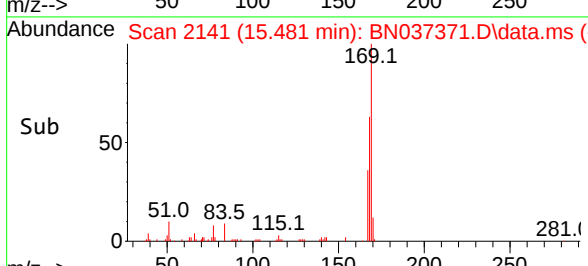
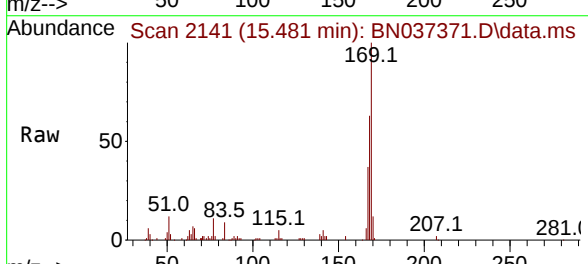
Manual Integrations
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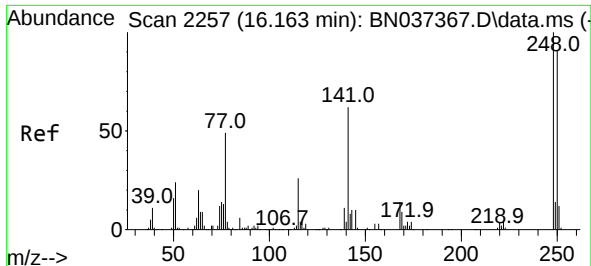
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025



#67
 N-Nitrosodiphenylamine
 Concen: 4.801 ng/ul
 RT: 15.481 min Scan# 2141
 Delta R.T. -0.006 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

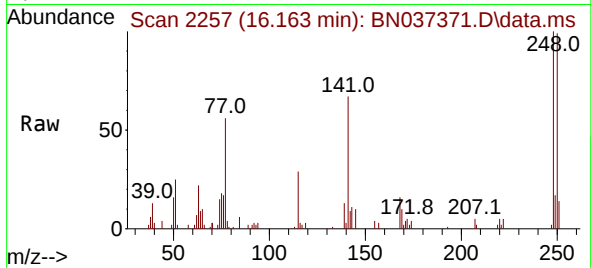
Tgt Ion:169	Resp:	55563
Ion Ratio	Lower	Upper
169	100	
168	63.4	55.8 83.8
167	36.8	31.8 47.6





#68
4-Bromophenyl-phenylether
Concen: 4.035 ng/ul
RT: 16.163 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

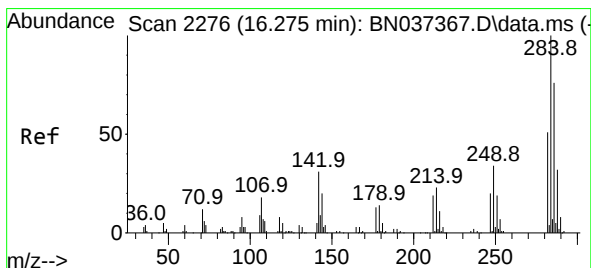
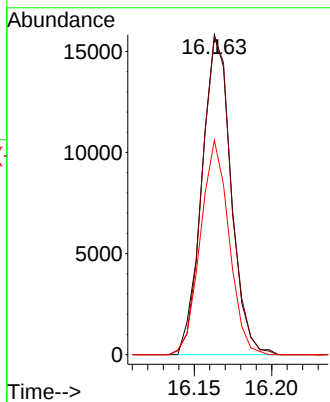
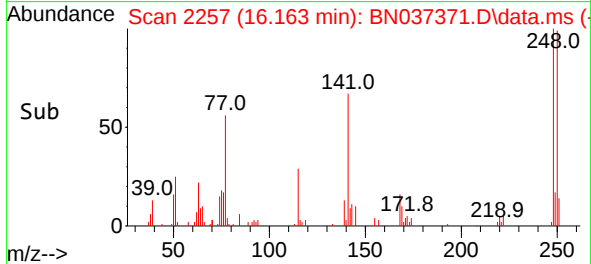
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03



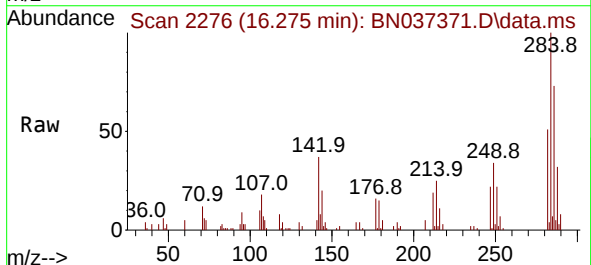
Tgt Ion:248 Resp: 2066
Ion Ratio Lower Upper
248 100
250 99.1 83.1 124.7
141 67.0 51.4 77.0

Manual Integrations
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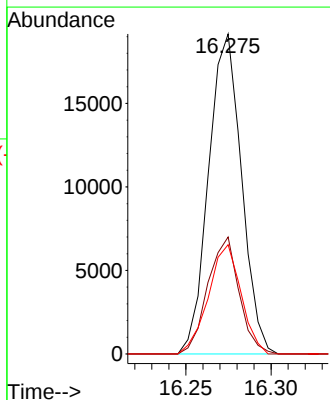
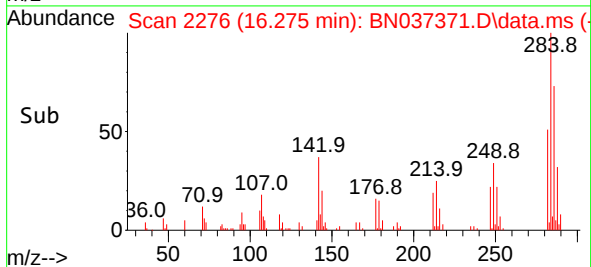
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

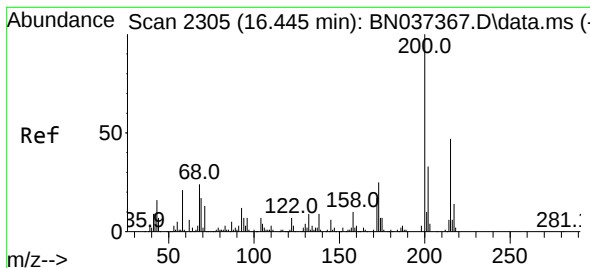


#69
Hexachlorobenzene
Concen: 4.474 ng/ul
RT: 16.275 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47



Tgt Ion:284 Resp: 25775
Ion Ratio Lower Upper
284 100
142 36.5 27.0 40.6
249 34.1 26.8 40.2





#70

Atrazine

Concen: 6.338 ng/ul

RT: 16.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03

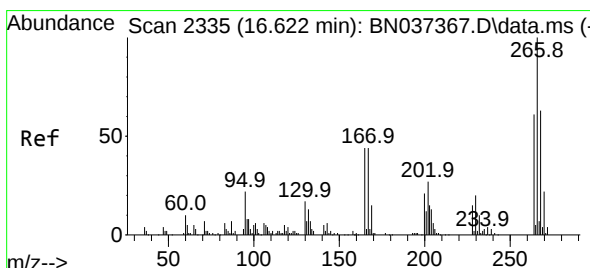
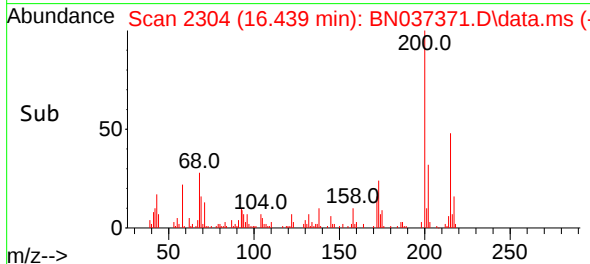
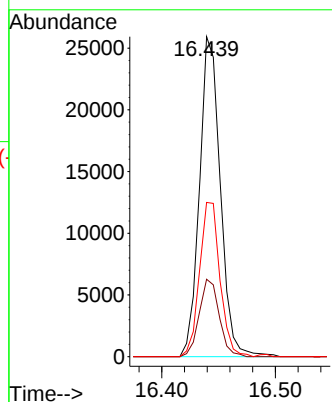
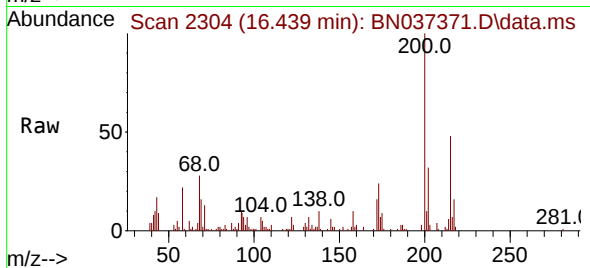
Tgt Ion:200 Resp: 33120
 Ion Ratio Lower Upper
 200 100
 173 24.2 19.0 28.4
 215 48.2 37.5 56.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/25/2025



#71

Pentachlorophenol

Concen: 6.074 ng/ul

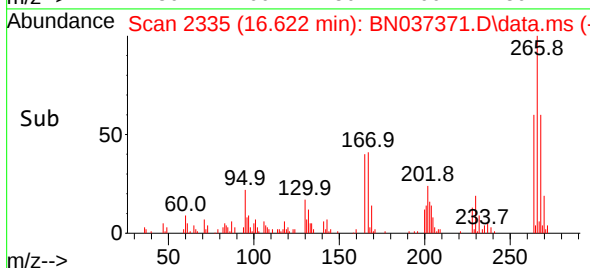
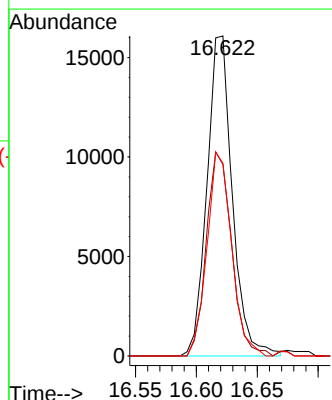
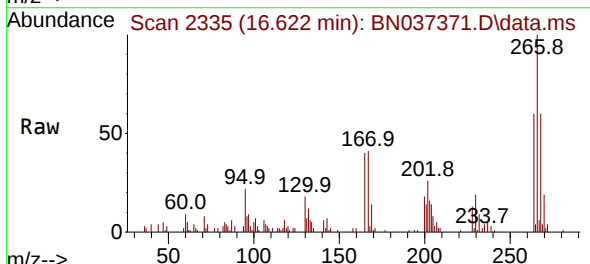
RT: 16.622 min Scan# 2335

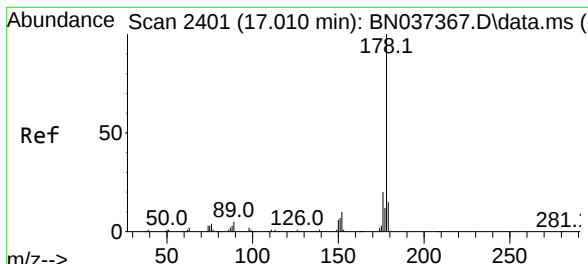
Delta R.T. -0.000 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

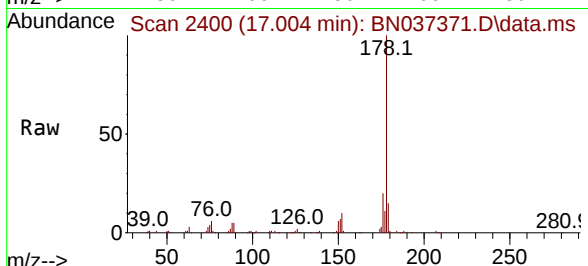
Tgt Ion:266 Resp: 23297
 Ion Ratio Lower Upper
 266 100
 264 59.8 49.2 73.8
 268 60.2 51.8 77.8





#72
 Phenanthrene
 Concen: 4.767 ng/ul
 RT: 17.004 min Scan# 2400
 Delta R.T. -0.006 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03

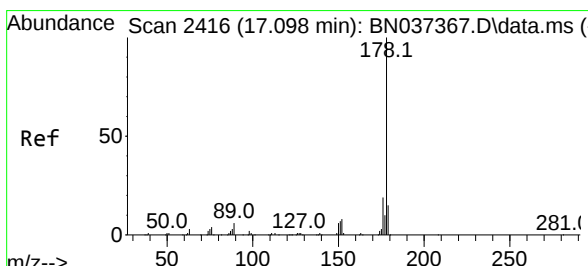
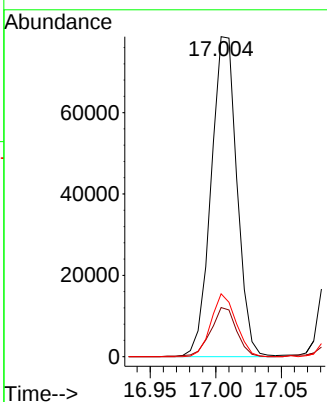
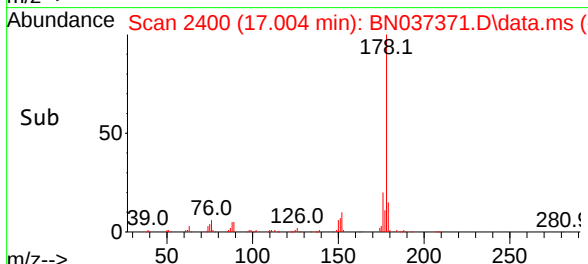


Tgt Ion:178 Resp: 107880

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.6	15.6	23.4

Manual Integrations
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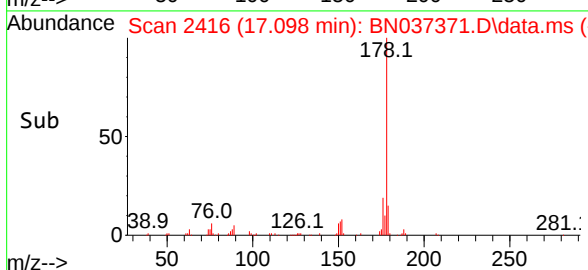
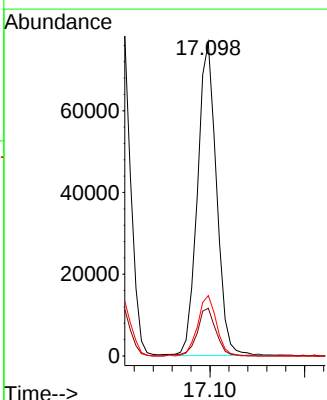
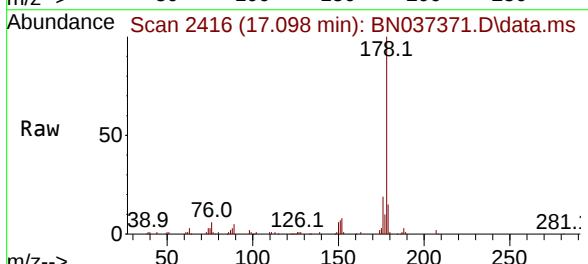
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

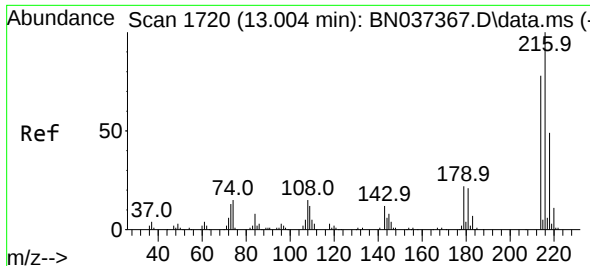


#74
 Anthracene
 Concen: 4.656 ng/ul
 RT: 17.098 min Scan# 2416
 Delta R.T. -0.000 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Tgt Ion:178 Resp: 106786

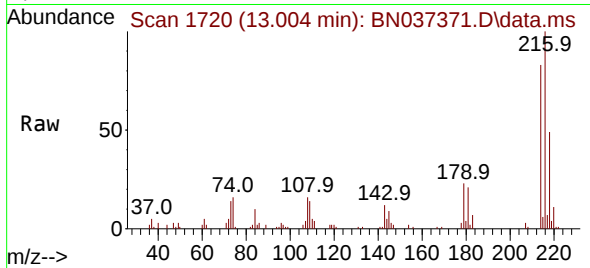
Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.6	17.4
176	19.3	14.4	21.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.388 ng/uL
RT: 13.004 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47

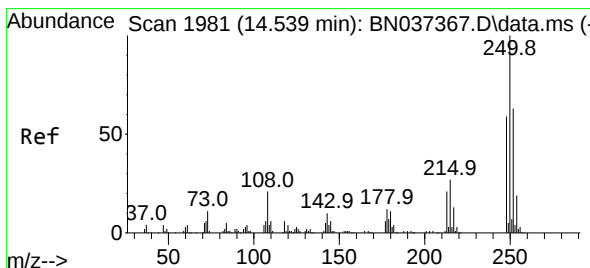
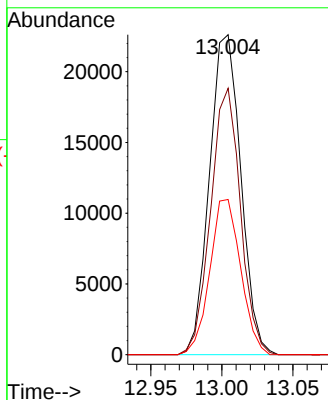
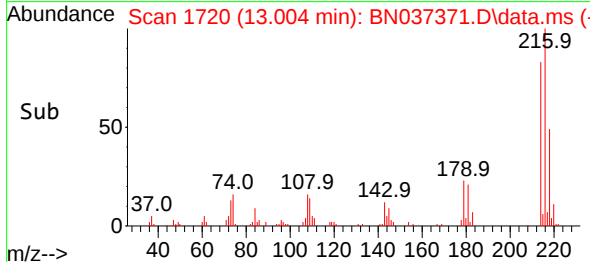
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2025-03



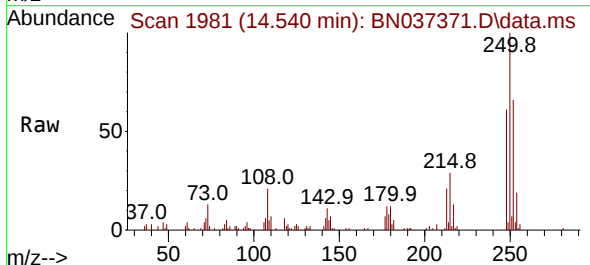
Tgt Ion:216 Resp: 34788
Ion Ratio Lower Upper
216 100
214 83.2 58.9 88.3
218 48.5 37.7 56.5

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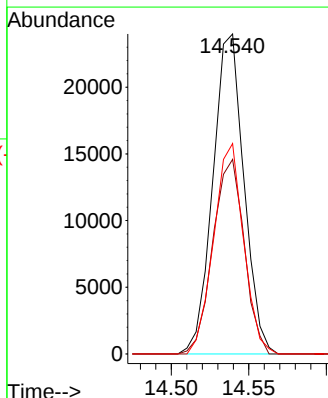
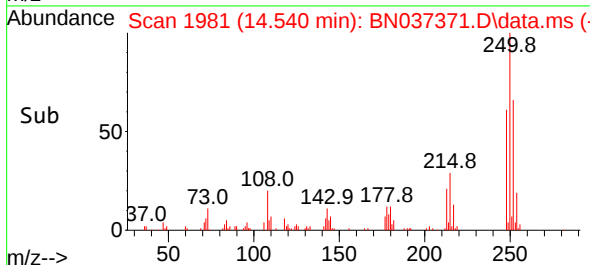
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

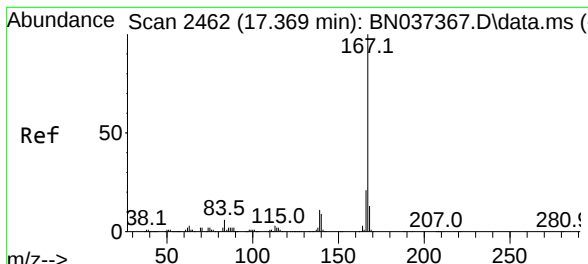


#76
Pentachlorobenzene
Concen: 4.567 ng/uL
RT: 14.540 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BN037371.D
Acq: 24 Jun 2025 13:47



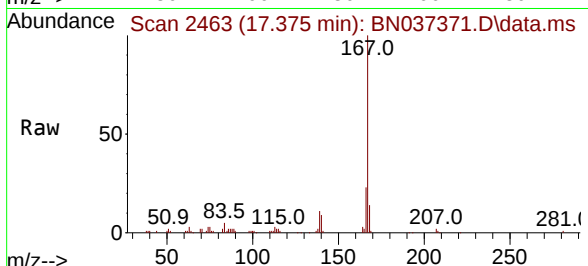
Tgt Ion:250 Resp: 33419
Ion Ratio Lower Upper
250 100
248 60.8 47.8 71.6
252 65.7 48.1 72.1





#77
 Carbazole
 Concen: 4.151 ng/ul
 RT: 17.375 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

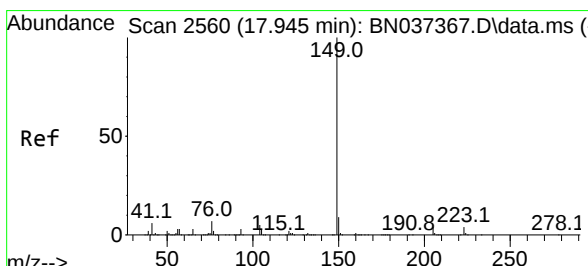
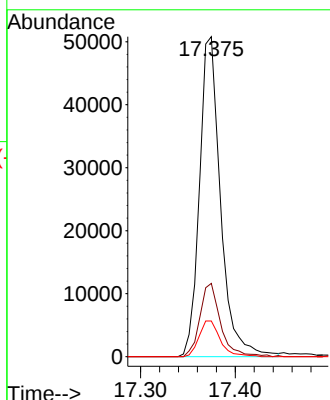
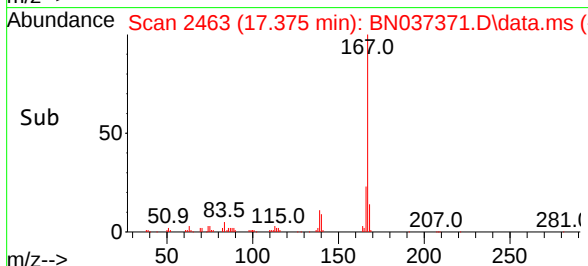
Instrument : BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2025-03



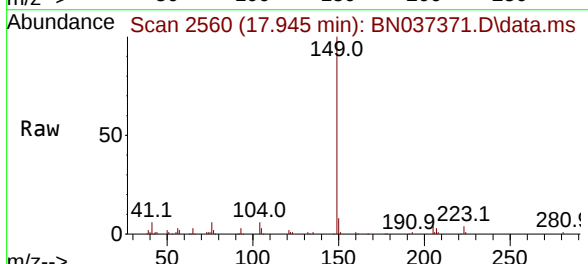
Tgt Ion:167 Resp: 7858
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.1 25.7
 139 11.2 9.5 14.3

Manual Integrations
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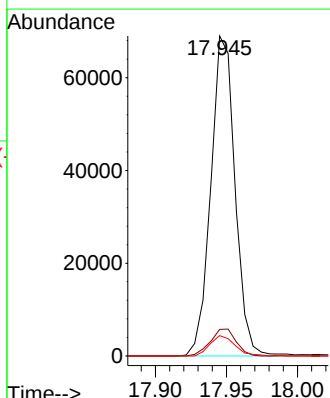
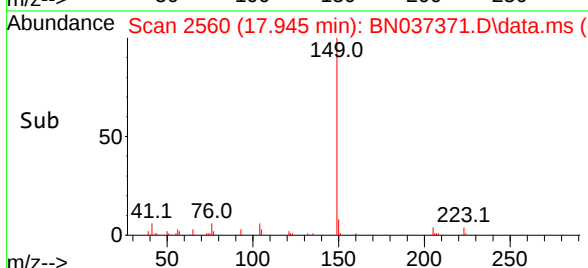
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

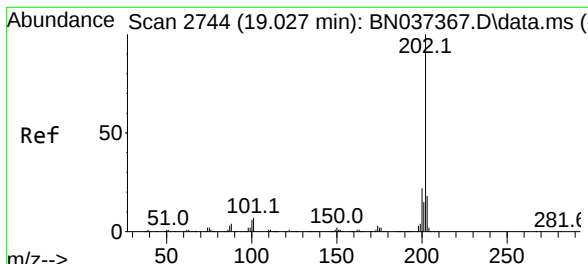


#78
 Di-n-butylphthalate
 Concen: 4.002 ng/ul
 RT: 17.945 min Scan# 2560
 Delta R.T. -0.006 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47



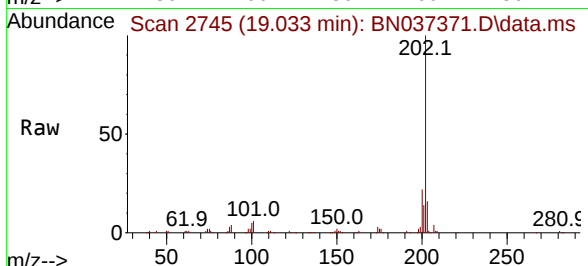
Tgt Ion:149 Resp: 81713
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.3 10.9
 104 6.4 5.0 7.4





#80
 Fluoranthene
 Concen: 4.674 ng/ul
 RT: 19.033 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03

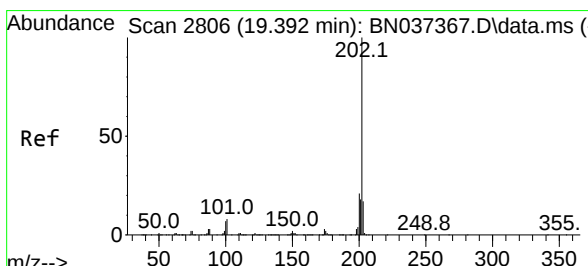
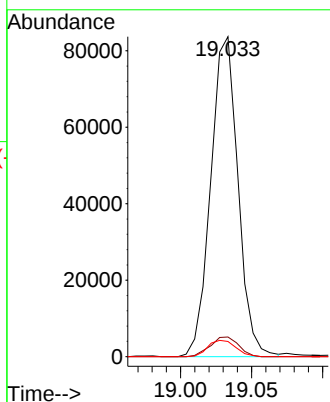
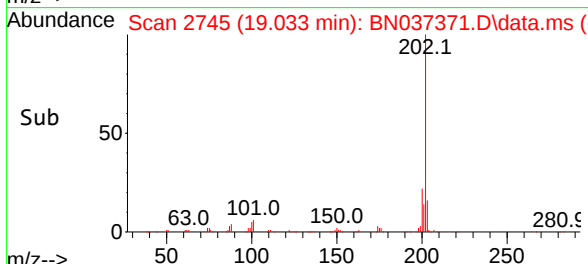


Tgt Ion:202 Resp: 111985

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.3	7.9
100	4.8	4.0	6.0

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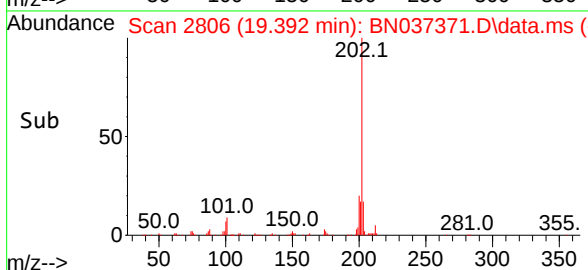
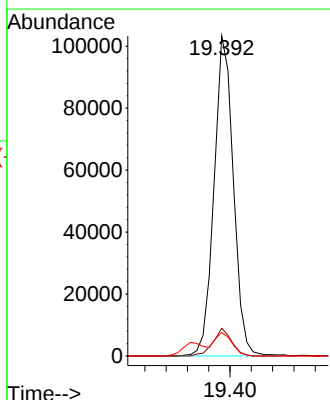
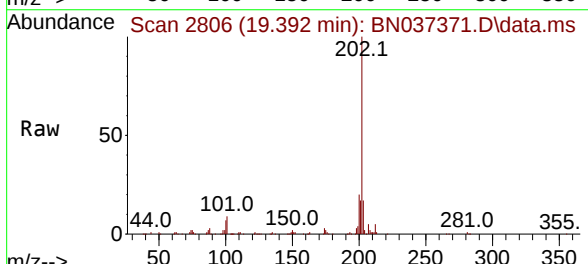
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

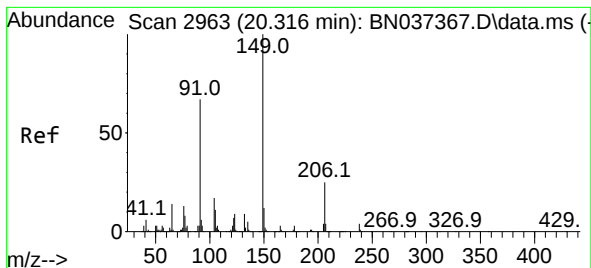


#82
 Pyrene
 Concen: 5.166 ng/ul
 RT: 19.392 min Scan# 2806
 Delta R.T. -0.006 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Tgt Ion:202 Resp: 130303

Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.5	8.3#
100	7.4	5.1	7.7





#83

Butylbenzylphthalate

Concen: 3.987 ng/ul

RT: 20.316 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BN037371.D

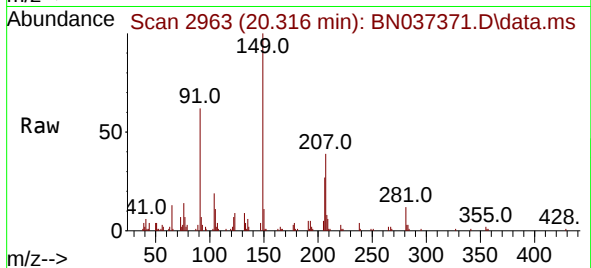
Acq: 24 Jun 2025 13:47

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03



Tgt Ion:149 Resp: 2998

Ion Ratio Lower Upper

149 100

91 62.1 55.8 83.6

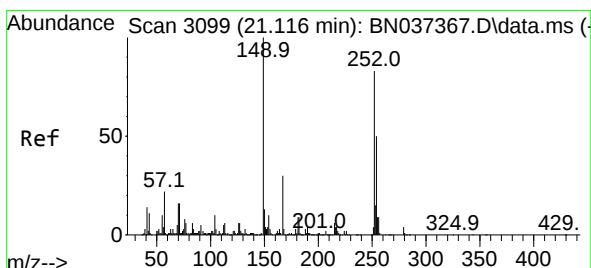
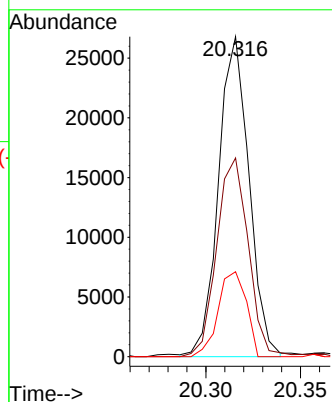
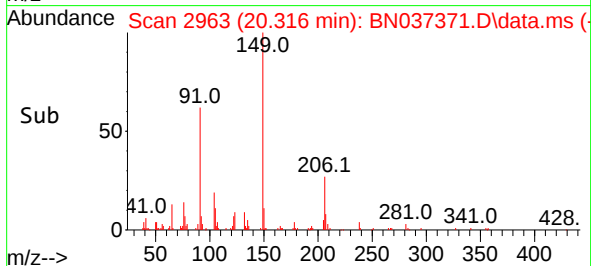
206 26.6 19.0 28.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#84

3,3'-Dichlorobenzidine

Concen: 4.330 ng/ul

RT: 21.116 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

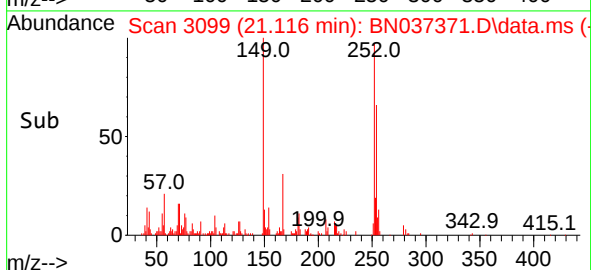
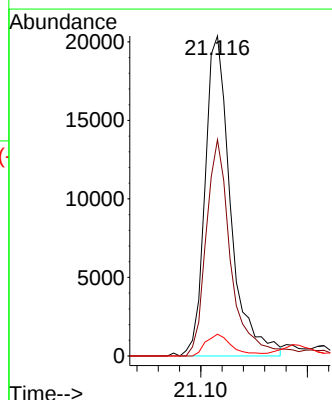
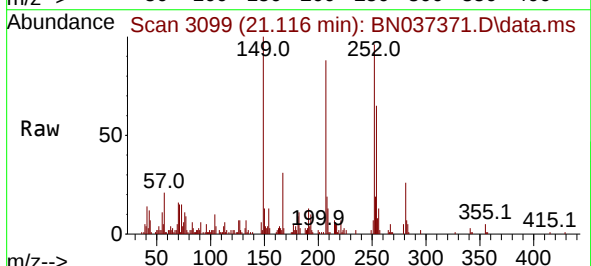
Tgt Ion:252 Resp: 33889

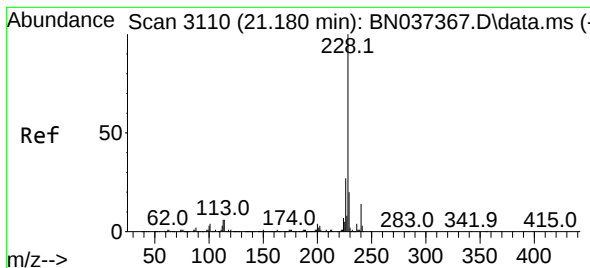
Ion Ratio Lower Upper

252 100

254 67.6 54.7 82.1

126 6.8 5.9 8.9





#85

Benzo(a)anthracene

Concen: 4.496 ng/ul

RT: 21.180 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BN037371.D

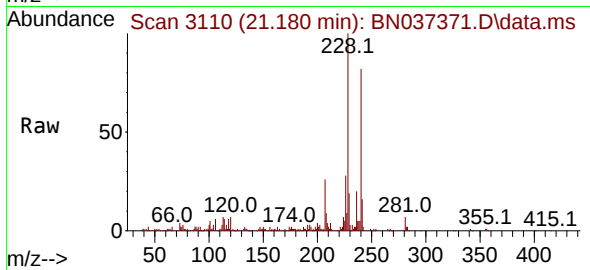
Acq: 24 Jun 2025 13:47

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03



Tgt Ion:228 Resp: 116600

Ion Ratio Lower Upper

228 100

229 19.5 16.3 24.5

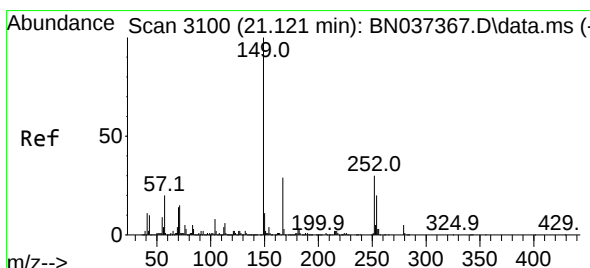
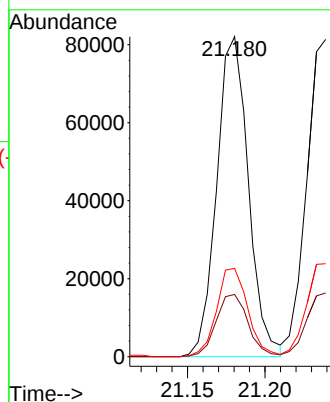
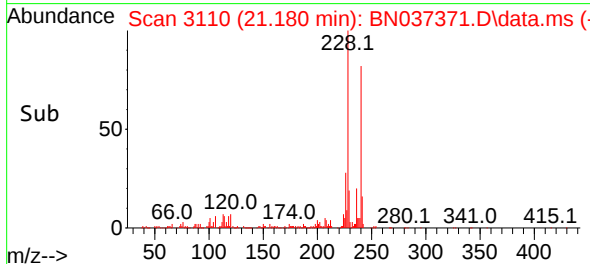
226 27.6 20.5 30.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.859 ng/ul

RT: 21.122 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

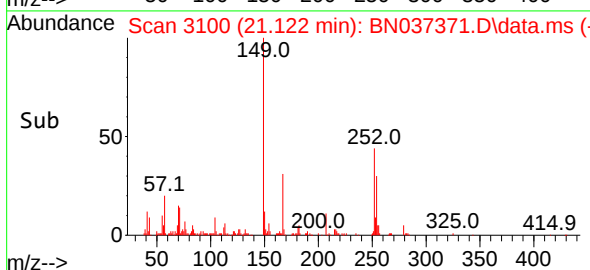
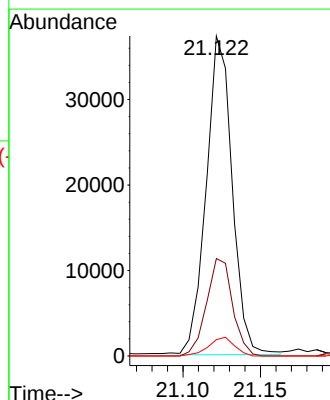
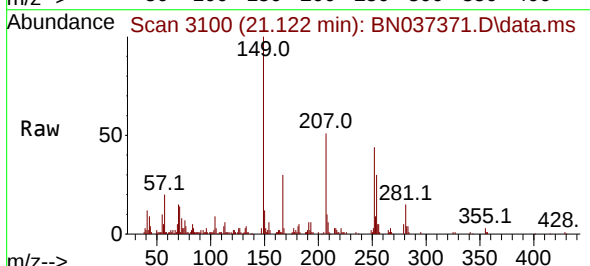
Tgt Ion:149 Resp: 43445

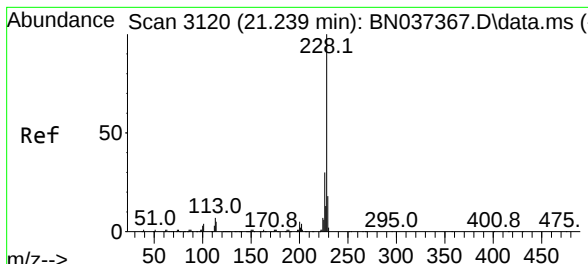
Ion Ratio Lower Upper

149 100

167 30.5 23.7 35.5

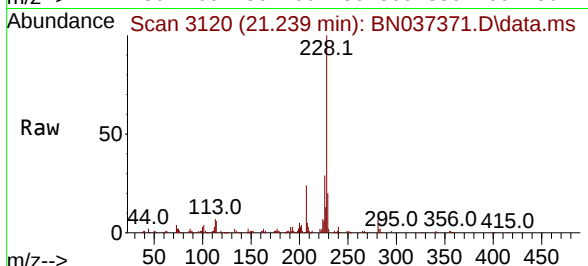
279 5.1 4.5 6.7





#87
 Chrysene
 Concen: 4.693 ng/ul
 RT: 21.239 min Scan# 3120
 Delta R.T. -0.006 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03

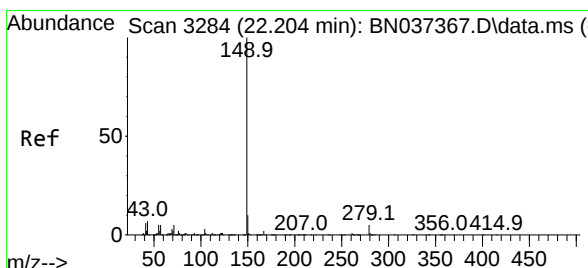
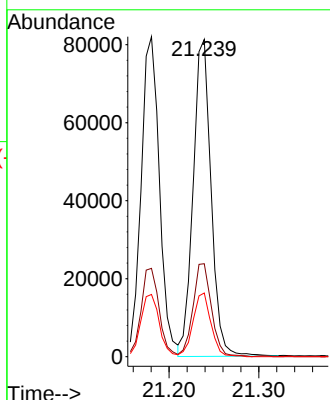
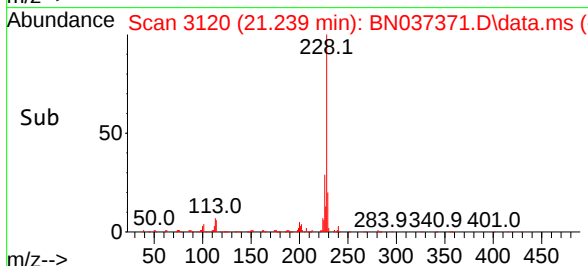


Tgt Ion: 228 Resp: 113025

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	20.0	15.3	22.9

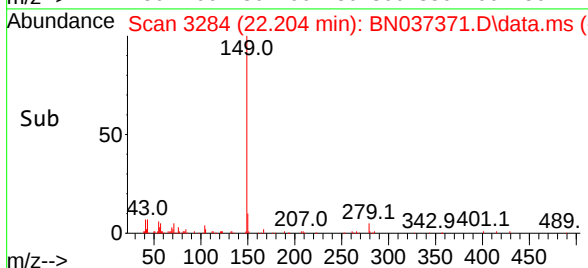
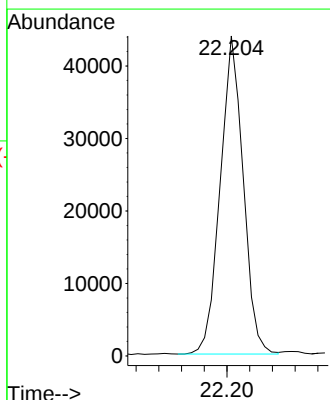
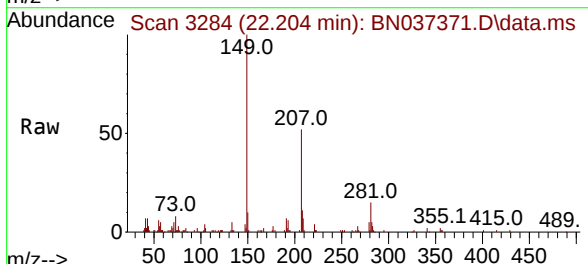
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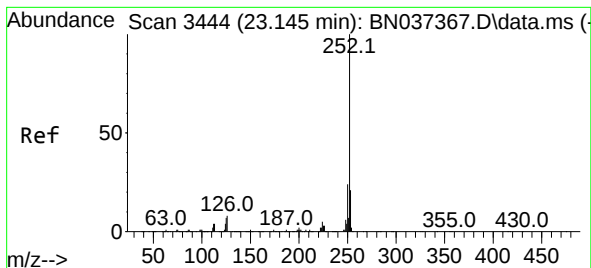
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025



#89
 Di-n-octyl phthalate
 Concen: 3.166 ng/ul
 RT: 22.204 min Scan# 3284
 Delta R.T. -0.006 min
 Lab File: BN037371.D
 Acq: 24 Jun 2025 13:47

Tgt Ion: 149 Resp: 61707





#90

Benzo(b)fluoranthene

Concen: 4.276 ng/ul

RT: 23.145 min Scan# 3444

Delta R.T. -0.006 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03

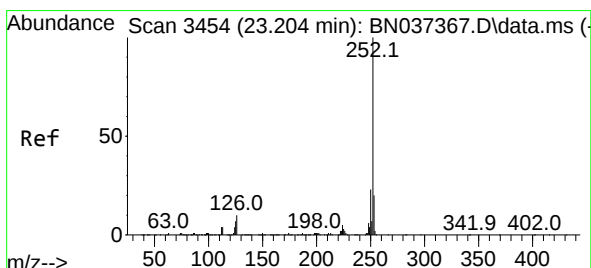
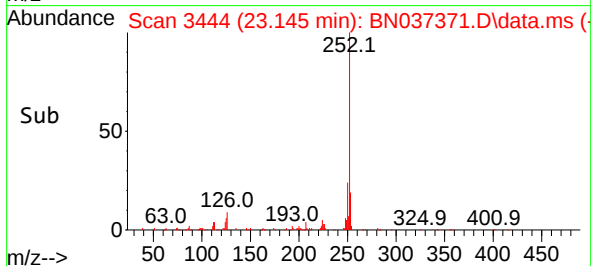
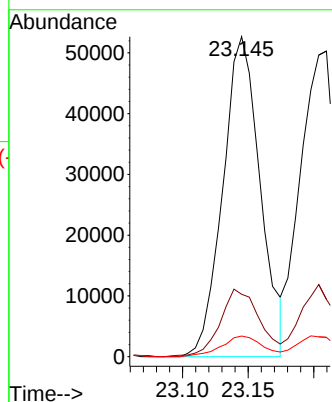
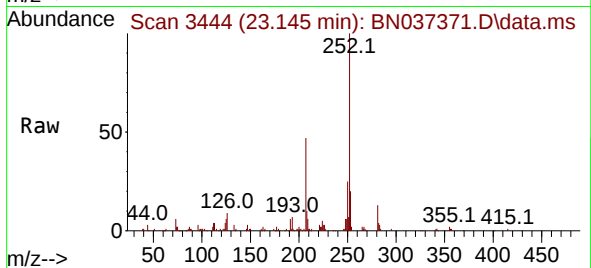
Tgt Ion:252 Resp: 10436
 Ion Ratio Lower Upper
 252 100
 253 19.5 17.8 26.8
 125 6.5 5.1 7.7

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Supervised By :Jagrut Upadhyay 06/25/2025



#91

Benzo(k)fluoranthene

Concen: 4.186 ng/ul

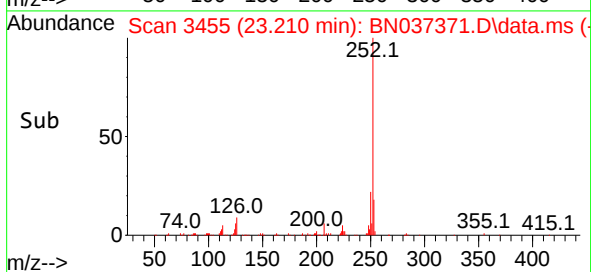
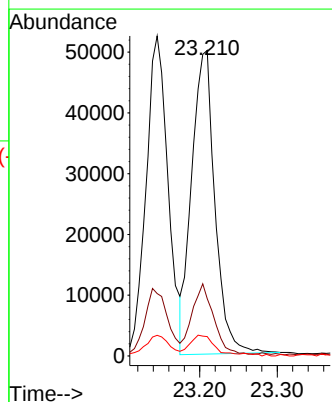
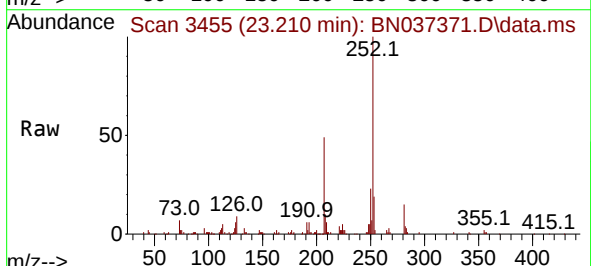
RT: 23.210 min Scan# 3455

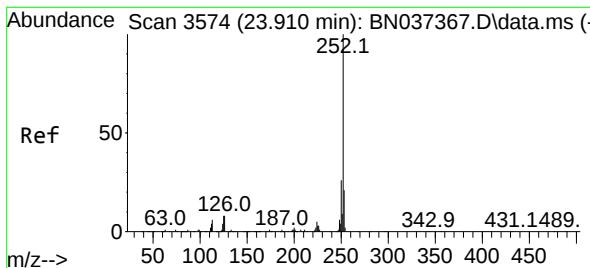
Delta R.T. -0.000 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

Tgt Ion:252 Resp: 104313
 Ion Ratio Lower Upper
 252 100
 253 18.7 16.2 24.2
 125 6.3 4.7 7.1





#93

Benzo(a)pyrene

Concen: 4.239 ng/ul

RT: 23.904 min Scan# 3573

Delta R.T. -0.012 min

Lab File: BN037371.D

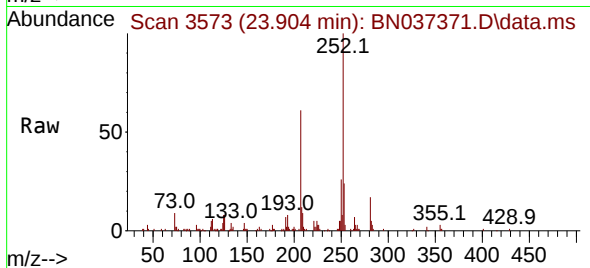
Acq: 24 Jun 2025 13:47

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03



Tgt Ion:252 Resp: 9720

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

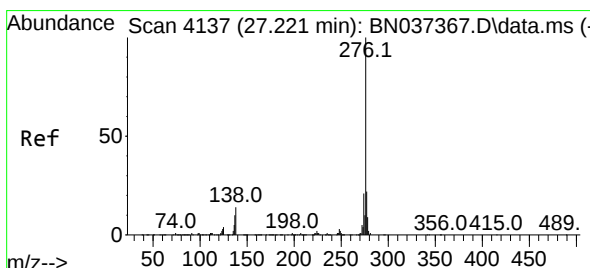
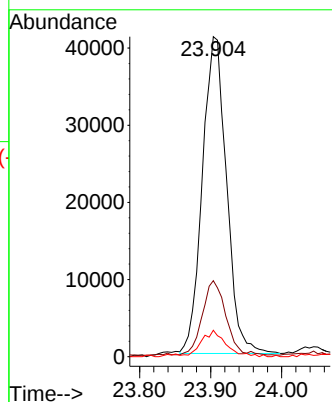
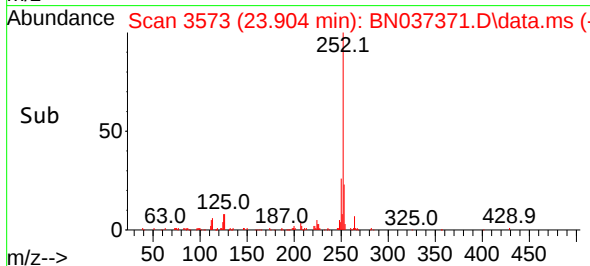
125 8.2 5.3 7.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.043 ng/ul

RT: 27.215 min Scan# 4136

Delta R.T. -0.012 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

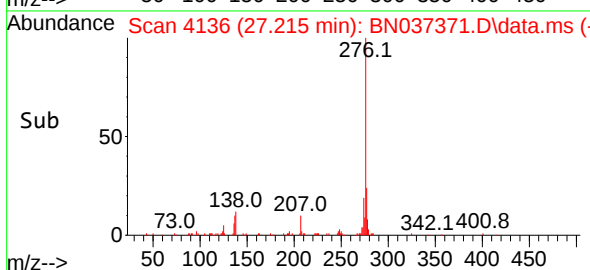
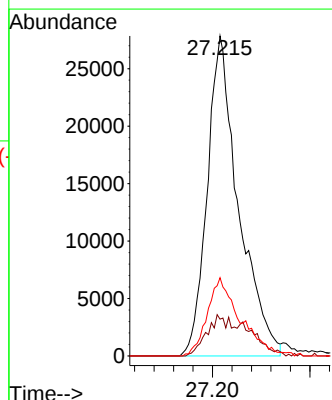
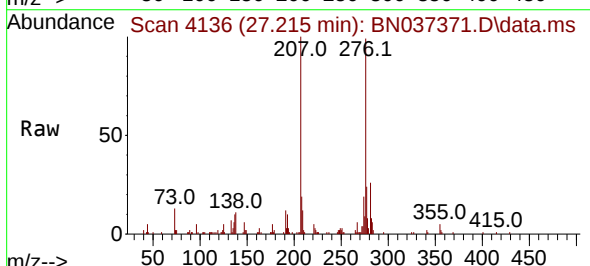
Tgt Ion:276 Resp: 124178

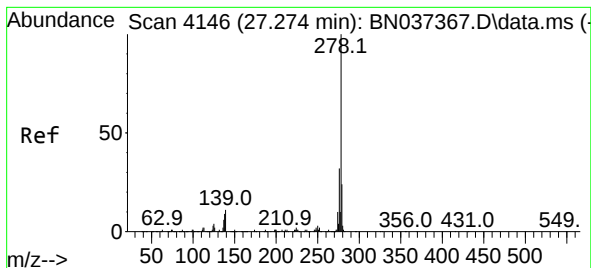
Ion Ratio Lower Upper

276 100

138 11.5 10.1 15.1

277 24.4 18.6 27.8





#95

Dibenzo(a,h)anthracene

Concen: 3.798 ng/ul

RT: 27.268 min Scan# 4146

Delta R.T. -0.024 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03

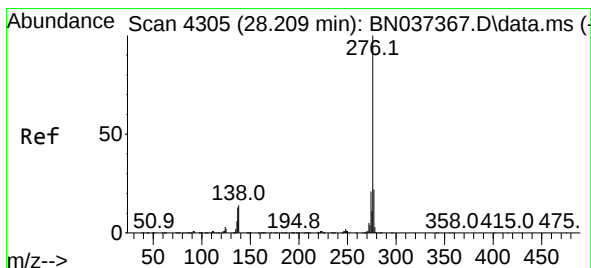
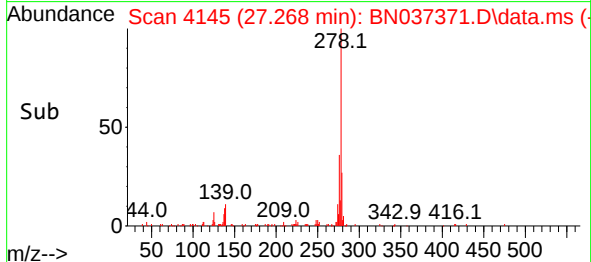
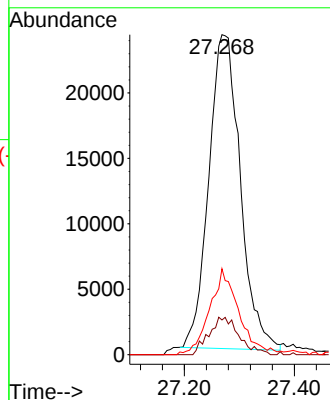
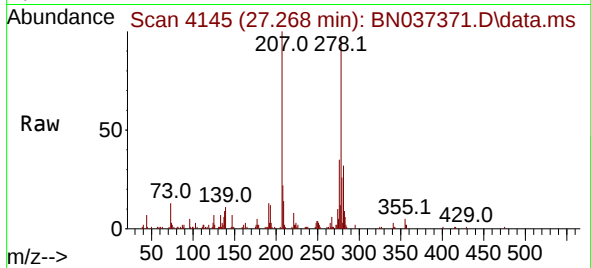
Tgt Ion:	278	Resp:	95489
Ion Ratio	Lower	Upper	
278	100		
139	10.8	7.8	11.8
279	26.9	19.3	28.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#96

Benzo(g,h,i)perylene

Concen: 4.075 ng/ul

RT: 28.204 min Scan# 4304

Delta R.T. -0.024 min

Lab File: BN037371.D

Acq: 24 Jun 2025 13:47

Tgt Ion:	276	Resp:	102996
Ion Ratio	Lower	Upper	
276	100		
138	14.3	10.6	16.0
277	22.9	17.4	26.0

