

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062425\
 Data File : BN037370.D
 Acq On : 24 Jun 2025 13:08
 Operator : RC/JU
 Sample : Q2117-03
 Misc : MDL-SOIL-4 PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 24 14:47:01 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	7.557	152	87781	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	288384	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.216	164	203744	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.968	188	420703	20.000	ng/u1	0.00
79) Chrysene-d12	21.198	240	371210	20.000	ng/u1	# 0.00
88) Perylene-d12	24.045	264	396789	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	7462	4.541	ng/uL	0.00
4) Pyridine-d5	3.469	84	73309	16.698	ng/u1	0.00
7) Phenol-d5	6.740	99	83561	16.509	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.898	67	56460	17.901	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	74931	16.700	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	67891	16.385	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	33886	16.035	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	38932	15.104	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	86827	15.530	ng/u1	0.00
31) 4-Chloroaniline-d4	10.481	131	86905	15.466	ng/u1	0.00
46) Dimethylphthalate-d6	13.633	166	245996	16.368	ng/u1	0.00
49) Acenaphthylene-d8	13.904	160	277777	16.800	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	27278	12.221	ng/u1	0.00
60) Fluorene-d10	15.216	176	216123	15.912	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.339	200	36859	12.271	ng/u1	0.00
73) Anthracene-d10	17.063	188	335068m	16.117	ng/u1	0.00
81) Pyrene-d10	19.368	212	359080	17.784	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	308946	14.983	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.099	88	2945m	1.555	ng/uL	
5) Pyridine	3.487	79	22861	5.035	ng/u1#	81
6) Benzaldehyde	6.704	77	17887	6.193	ng/u1	95
8) Phenol	6.763	94	25410	4.903	ng/u1	90
10) Bis(2-Chloroethyl)ether	6.993	93	21056	5.090	ng/u1	96
12) 2-Chlorophenol	7.122	128	21771	4.836	ng/u1	98
13) 2-Methylphenol	8.004	108	16869	4.292	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.081	45	18475	5.310	ng/u1#	94
16) Acetophenone	8.381	105	32682	4.825	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.363	70	14807	4.602	ng/u1#	90
18) 4-Methylphenol	8.334	108	19716	4.639	ng/u1	96
19) Hexachloroethane	8.628	117	10992	4.661	ng/u1	91
22) Nitrobenzene	8.751	77	27016	4.716	ng/u1	97
23) Isophorone	9.275	82	38903	4.411	ng/u1	98
25) 2-Nitrophenol	9.463	139	12096	4.636	ng/u1#	85
26) 2,4-Dimethylphenol	9.528	107	22097	4.276	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.763	93	25224	4.762	ng/u1	99
29) 2,4-Dichlorophenol	9.987	162	25056	4.590	ng/u1	92
30) Naphthalene	10.387	128	67492	4.663	ng/u1	98
32) 4-Chloroaniline	10.504	127	24239	4.348	ng/u1	97
33) Hexachlorobutadiene	10.675	225	24001	4.105	ng/u1	95
34) Caprolactam	11.275	113	5298m	4.622	ng/u1	
35) 4-Chloro-3-methylphenol	11.639	107	16836	3.923	ng/u1	97
36) 2-Methylnaphthalene	12.010	142	48297	4.388	ng/u1	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062425\
 Data File : BN037370.D
 Acq On : 24 Jun 2025 13:08
 Operator : RC/JU
 Sample : Q2117-03
 Misc : MDL-SOIL-4 PPM
 ALS Vial : 5 Sample Multiplier: 1

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

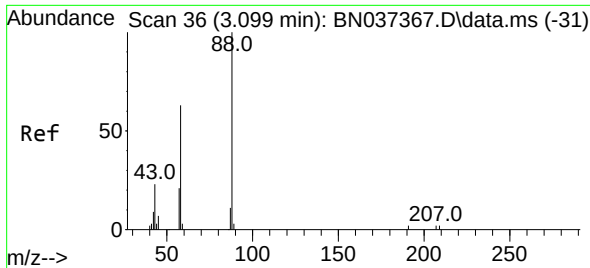
Quant Time: Jun 24 14:47:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN062025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 19 14:59:41 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

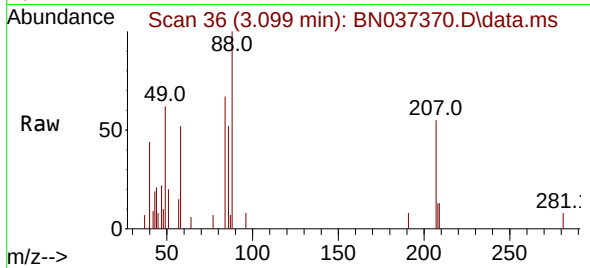
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.233	142	48513	4.477	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.386	216	36062	4.290	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	38289	5.954	ng/ul	95
41) 2,4,6-Trichlorophenol	12.639	196	19413	4.094	ng/ul	97
42) 2,4,5-Trichlorophenol	12.704	196	21090	3.957	ng/ul	96
43) 1,1'-Biphenyl	13.039	154	68319	4.689	ng/ul	97
44) 2-Chloronaphthalene	13.080	162	57061	4.748	ng/ul	96
45) 2-Nitroaniline	13.292	65	9038	3.569	ng/ul	92
47) Dimethylphthalate	13.680	163	67764	4.643	ng/ul	99
48) 2,6-Dinitrotoluene	13.798	165	10664	3.656	ng/ul	96
50) Acenaphthylene	13.933	152	86431	4.882	ng/ul	98
51) 3-Nitroaniline	14.127	138	7418	3.347	ng/ul	98
52) Acenaphthene	14.280	153	55434	4.632	ng/ul	95
53) 2,4-Dinitrophenol	14.339	184	10251	5.045	ng/ul#	84
55) 4-Nitrophenol	14.439	109	9542	4.186	ng/ul#	80
56) Dibenzofuran	14.616	168	87478	4.724	ng/ul	96
57) 2,4-Dinitrotoluene	14.592	165	16436	3.888	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.851	232	16903	3.725	ng/ul#	89
59) Diethylphthalate	15.057	149	57736	4.207	ng/ul	96
61) Fluorene	15.269	166	67975	4.591	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.269	204	38696	4.221	ng/ul	96
63) 4-Nitroaniline	15.292	138	7387m	3.541	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.351	198	11134	3.605	ng/ul#	91
67) N-Nitrosodiphenylamine	15.486	169	54134	4.627	ng/ul	95
68) 4-Bromophenyl-phenylether	16.163	248	20683	3.996	ng/ul	96
69) Hexachlorobenzene	16.274	284	24858	4.269	ng/ul	96
70) Atrazine	16.445	200	31962	6.051	ng/ul	97
71) Pentachlorophenol	16.621	266	22489	5.801	ng/ul	92
72) Phenanthrene	17.010	178	107798	4.712	ng/ul	98
74) Anthracene	17.098	178	107852	4.652	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.004	216	35241	4.398	ng/ul	88
76) Pentachlorobenzene	14.539	250	32357	4.375	ng/ul	90
77) Carbazole	17.374	167	77206	4.034	ng/ul	97
78) Di-n-butylphthalate	17.951	149	79198	3.837	ng/ul	99
80) Fluoranthene	19.033	202	113209	4.887	ng/ul	99
82) Pyrene	19.398	202	123524	5.065	ng/ul	99
83) Butylbenzylphthalate	20.315	149	28312	3.894	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.121	252	34906	4.613	ng/ul	93
85) Benzo(a)anthracene	21.186	228	110278	4.398	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.127	149	40256	3.698	ng/ul	98
87) Chrysene	21.239	228	111972	4.809	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	60076	3.066	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	99933	4.073	ng/ul	99
91) Benzo(k)fluoranthene	23.209	252	104568	4.174	ng/ul	99
93) Benzo(a)pyrene	23.909	252	96777	4.198	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.215	276	121417	3.932	ng/ul	95
95) Dibenzo(a,h)anthracene	27.286	278	93861	3.713	ng/ul	95
96) Benzo(g,h,i)perylene	28.221	276	99624	3.921	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.555 ng/uL m
RT: 3.099 min Scan# 36
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

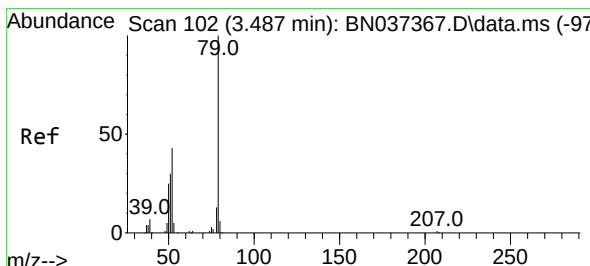
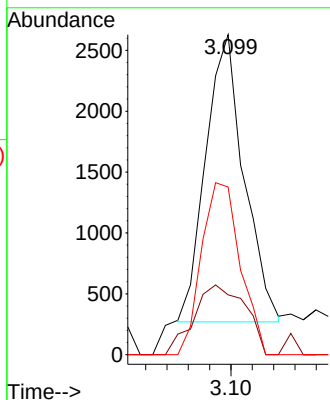
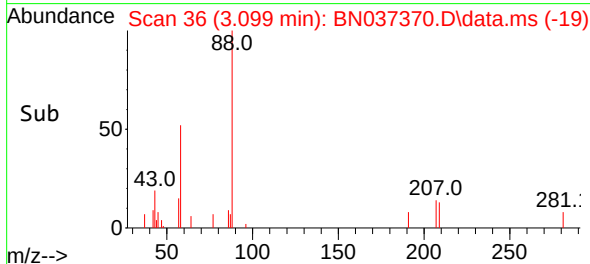
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion: 88 Resp: 2945
Ion Ratio Lower Upper
88 100
43 18.7 20.2 30.2
58 52.4 47.9 71.9

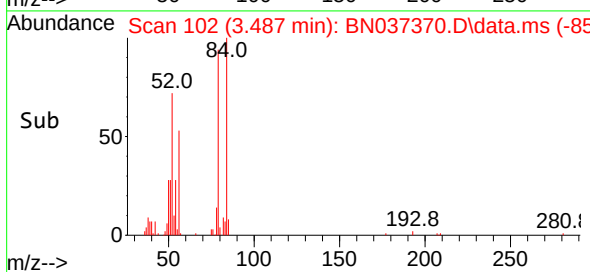
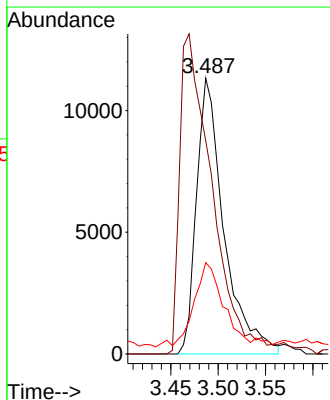
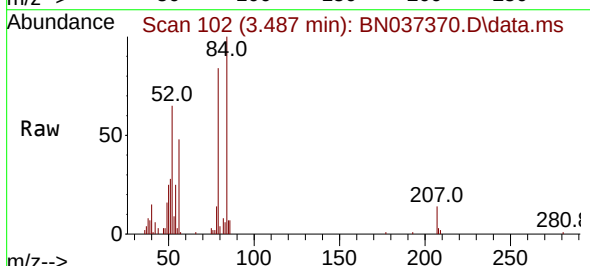
Manual Integrations
APPROVED

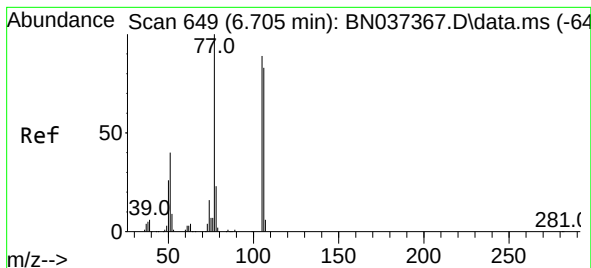
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#5
Pyridine
Concen: 5.035 ng/uL
RT: 3.487 min Scan# 102
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

Tgt Ion: 79 Resp: 22861
Ion Ratio Lower Upper
79 100
52 77.3 45.0 67.4
51 33.1 27.6 41.4





#6

Benzaldehyde

Concen: 6.193 ng/ul

RT: 6.704 min Scan# 649

Delta R.T. -0.006 min

Lab File: BN037370.D

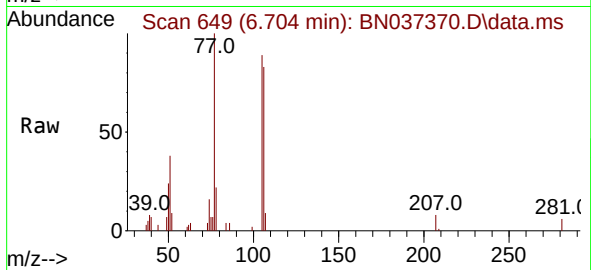
Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03



Tgt Ion: 77 Resp: 1788

Ion Ratio Lower Upper

77 100

105 89.4 73.5 110.3

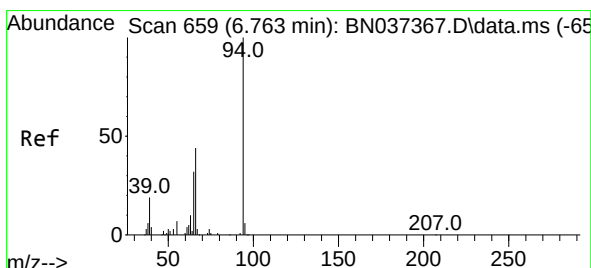
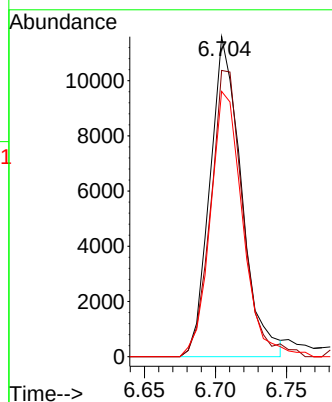
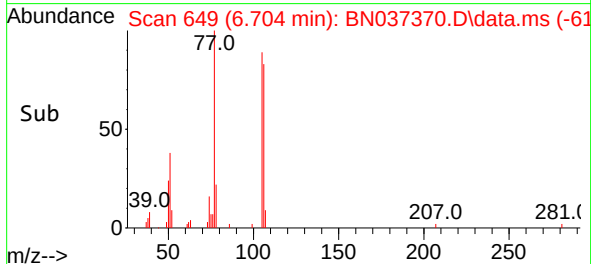
106 82.9 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#8

Phenol

Concen: 4.903 ng/ul

RT: 6.763 min Scan# 659

Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

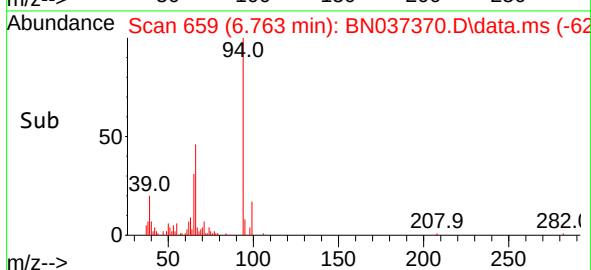
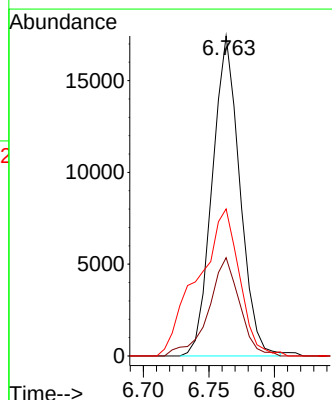
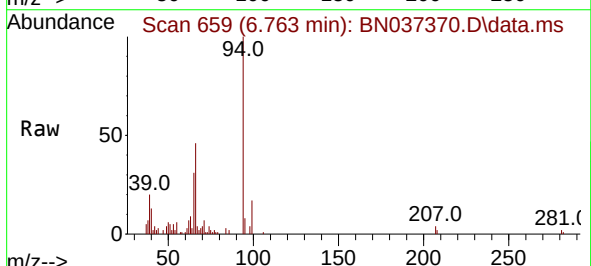
Tgt Ion: 94 Resp: 25410

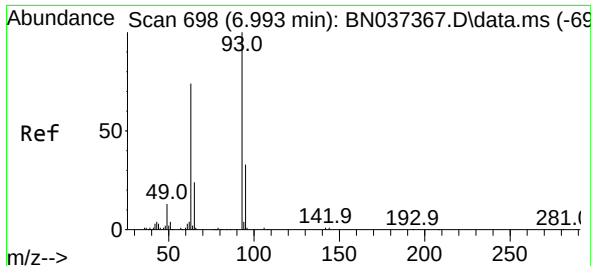
Ion Ratio Lower Upper

94 100

65 30.7 28.0 42.0

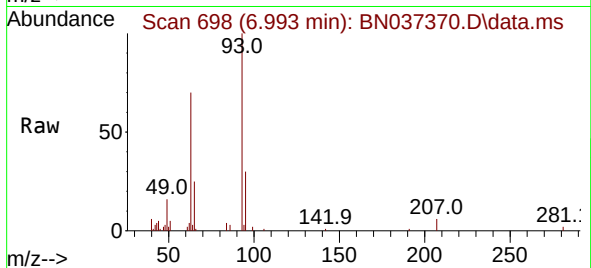
66 46.0 43.8 65.8





#10
Bis(2-Chloroethyl)ether
Concen: 5.090 ng/ul
RT: 6.993 min Scan# 698
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

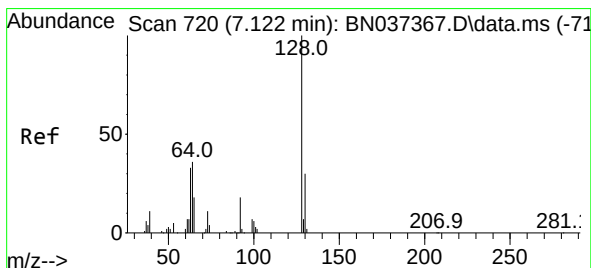
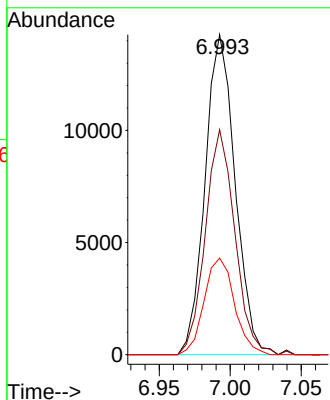
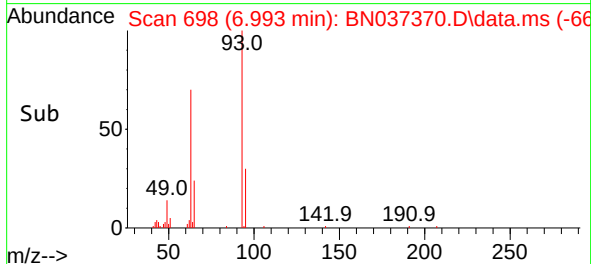
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



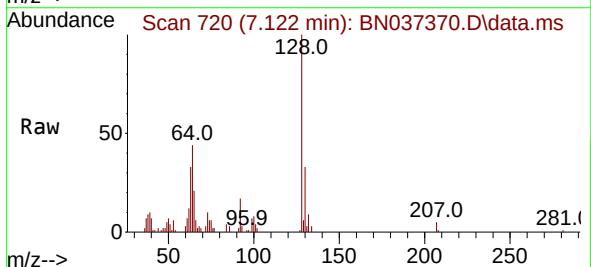
Tgt Ion: 93 Resp: 21050
Ion Ratio Lower Upper
93 100
63 70.3 58.1 87.1
95 30.2 27.2 40.8

Manual Integrations
APPROVED

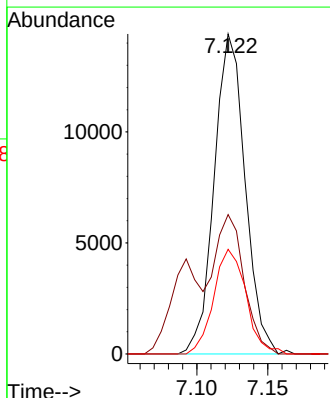
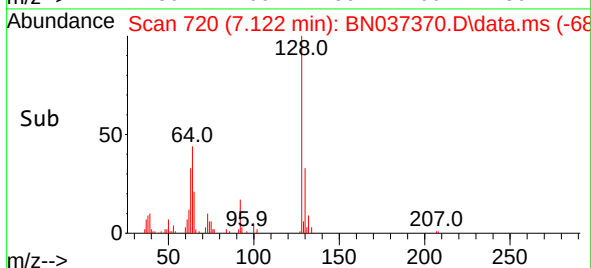
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

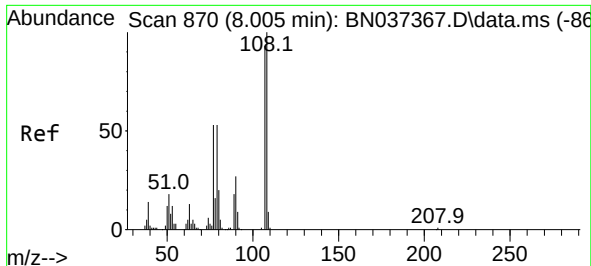


#12
2-Chlorophenol
Concen: 4.836 ng/ul
RT: 7.122 min Scan# 720
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



Tgt Ion:128 Resp: 21771
Ion Ratio Lower Upper
128 100
64 43.6 33.2 49.8
130 32.7 26.0 39.0





#13

2-Methylphenol

Concen: 4.292 ng/ul

RT: 8.004 min Scan# 81

Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03

Tgt Ion:108 Resp: 1686

Ion Ratio Lower Upper

108 100

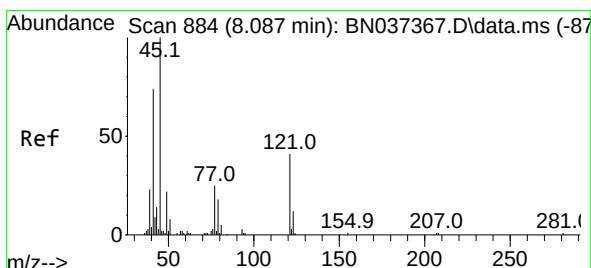
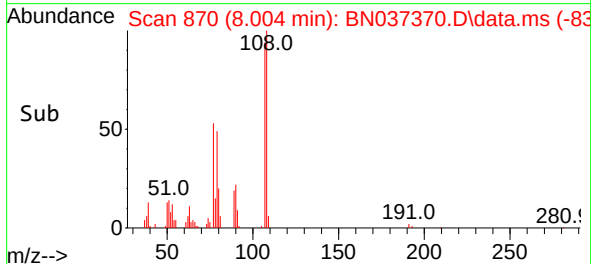
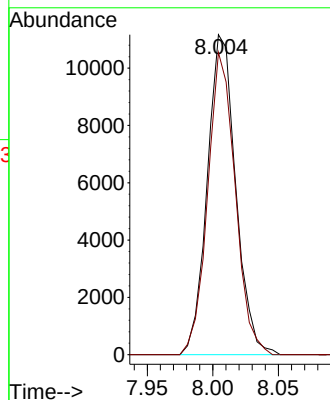
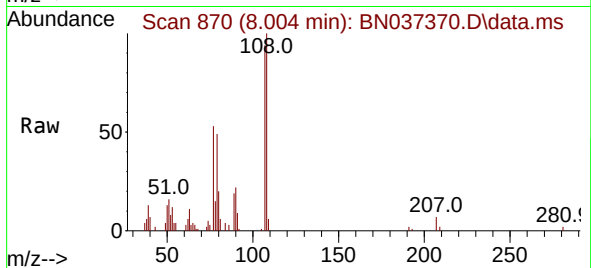
107 94.4 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.310 ng/ul

RT: 8.081 min Scan# 883

Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

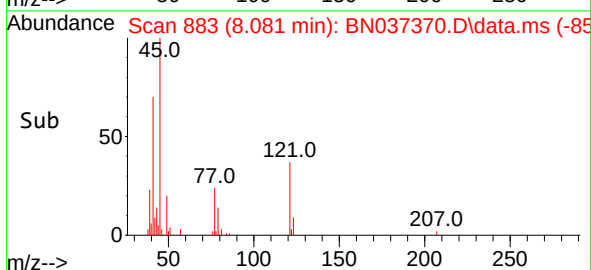
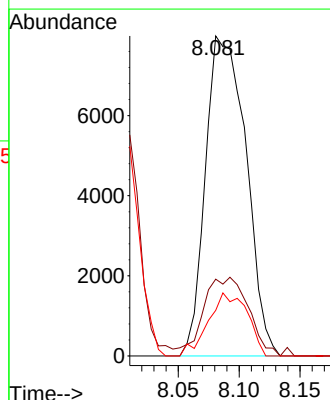
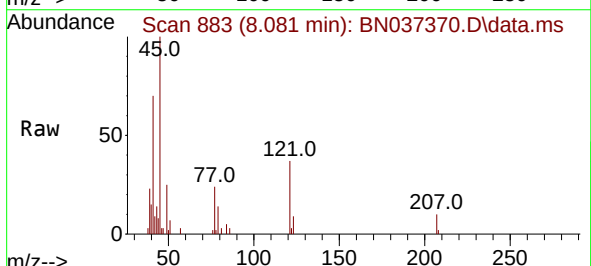
Tgt Ion: 45 Resp: 18475

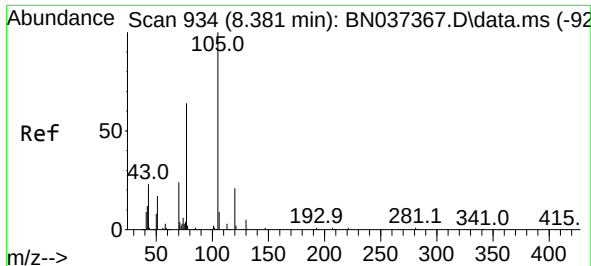
Ion Ratio Lower Upper

45 100

77 24.0 20.5 30.7

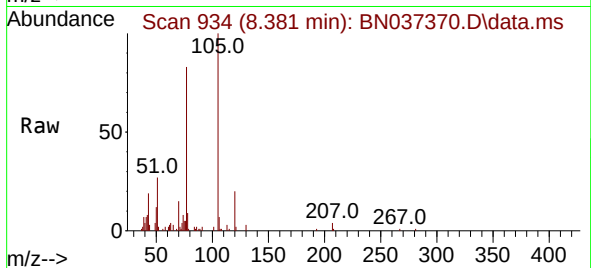
79 14.3 14.8 22.2#





#16
Acetophenone
Concen: 4.825 ng/ul
RT: 8.381 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

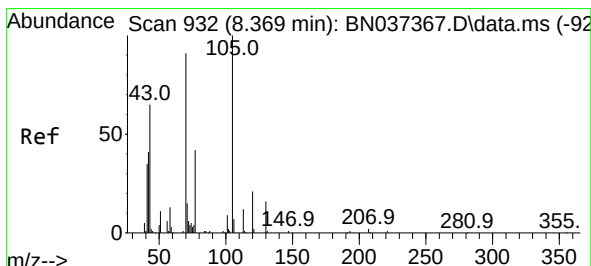
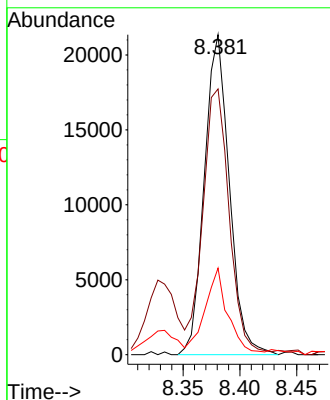
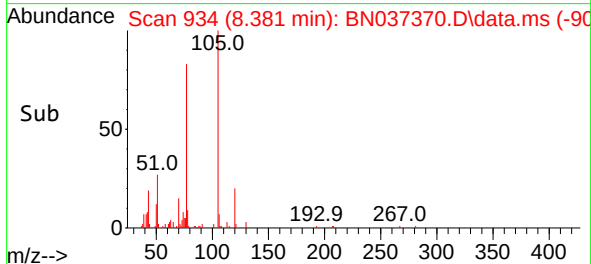
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:105 Resp: 3268
Ion Ratio Lower Upper
105 100
77 83.0 66.1 99.1
51 27.0 20.1 30.1

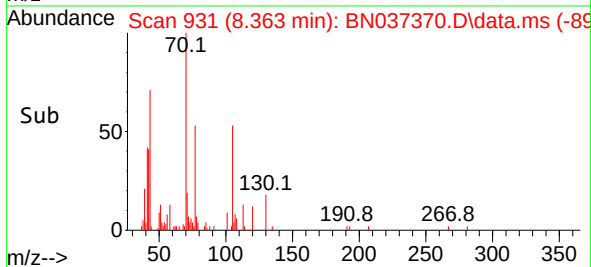
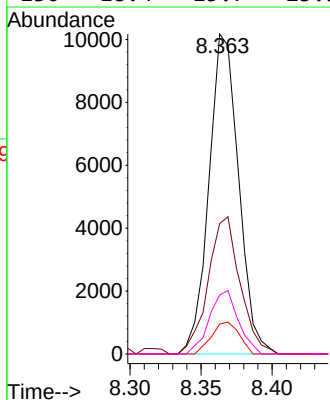
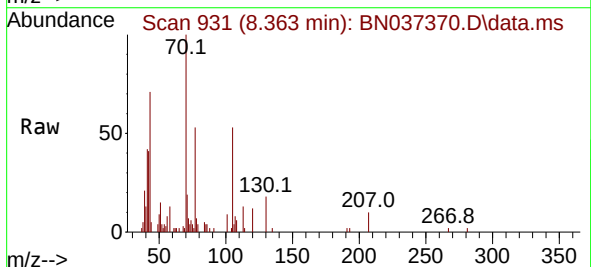
Manual Integrations
APPROVED

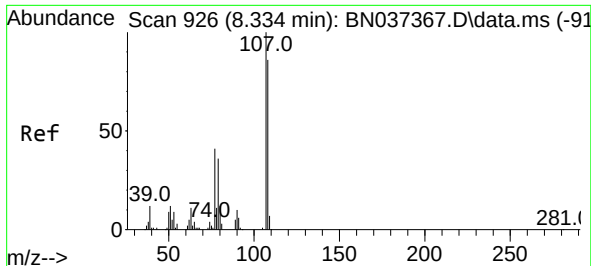
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#17
N-Nitroso-di-n-propylamine
Concen: 4.602 ng/ul
RT: 8.363 min Scan# 931
Delta R.T. -0.012 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

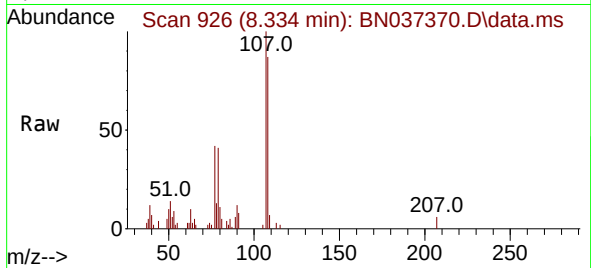
Tgt Ion: 70 Resp: 14807
Ion Ratio Lower Upper
70 100
42 40.7 40.7 61.1#
101 9.4 8.9 13.3
130 18.4 15.7 23.5





#18
4-Methylphenol
Concen: 4.639 ng/ul
RT: 8.334 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

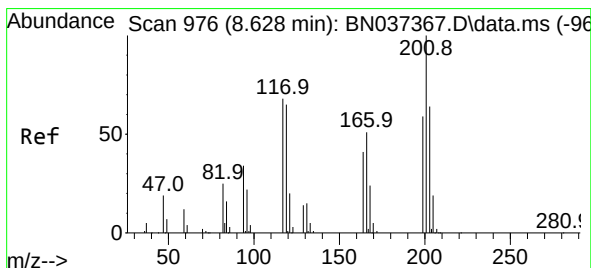
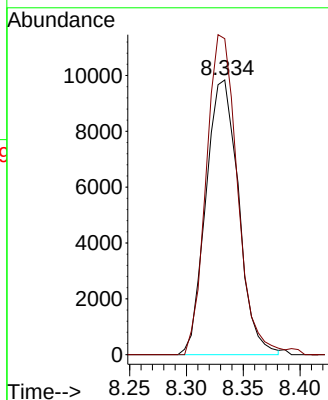
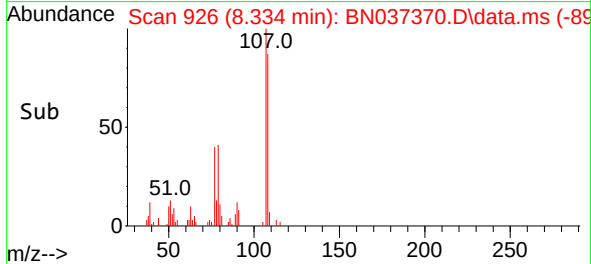
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



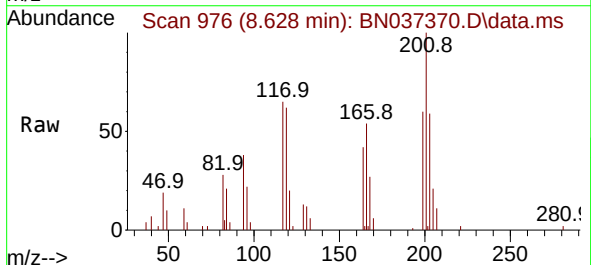
Tgt Ion:108 Resp: 19710
Ion Ratio Lower Upper
108 100
107 115.1 88.3 132.5

Manual Integrations
APPROVED

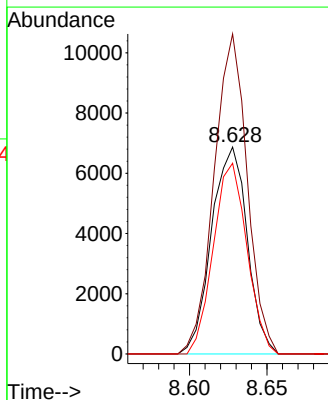
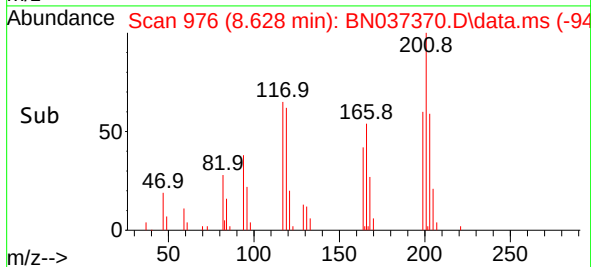
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

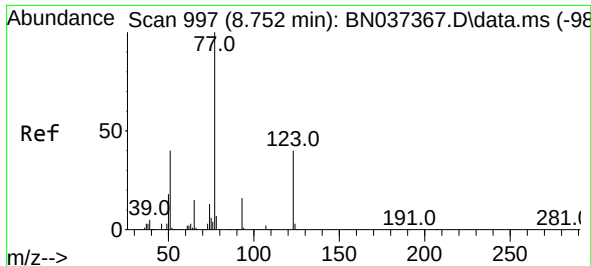


#19
Hexachloroethane
Concen: 4.661 ng/ul
RT: 8.628 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



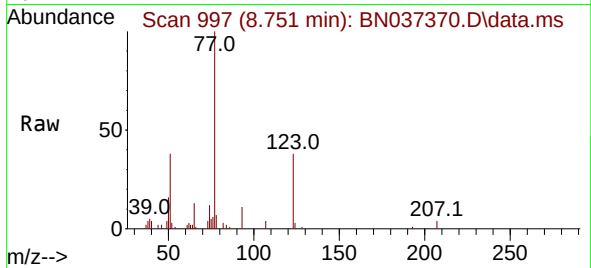
Tgt Ion:117 Resp: 10992
Ion Ratio Lower Upper
117 100
201 157.5 114.0 171.0
199 92.2 71.3 106.9





#22
Nitrobenzene
Concen: 4.716 ng/ul
RT: 8.751 min Scan# 997
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

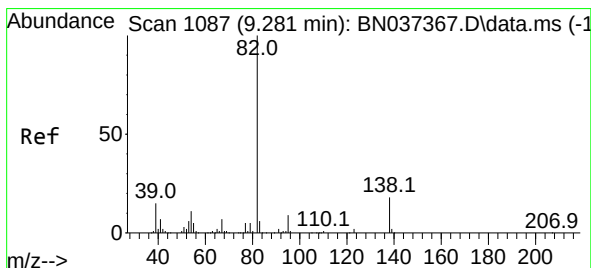
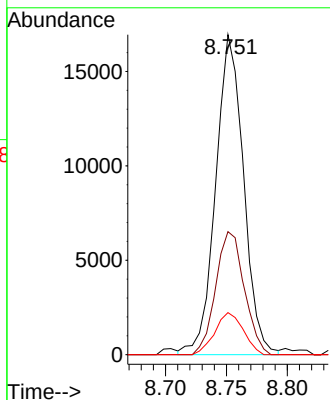
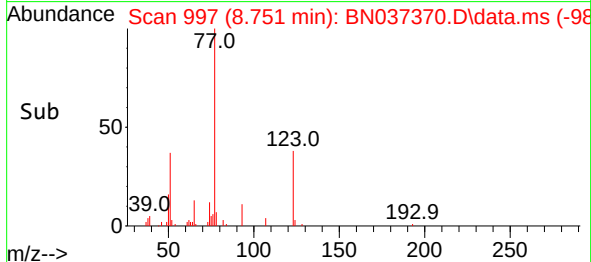
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



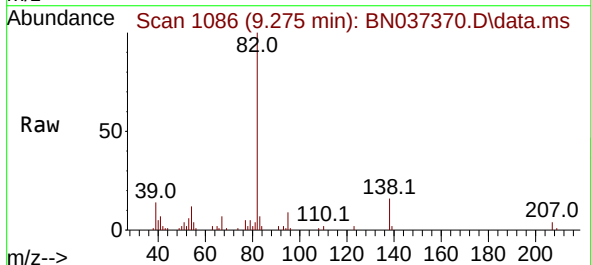
Tgt Ion: 77 Resp: 27010
Ion Ratio Lower Upper
77 100
123 38.5 29.8 44.8
65 13.2 12.0 18.0

Manual Integrations
APPROVED

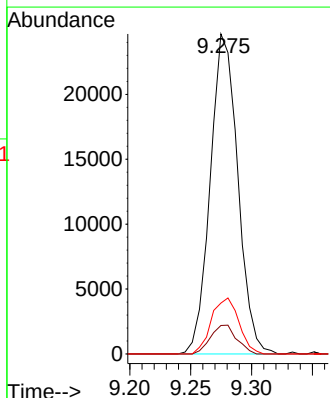
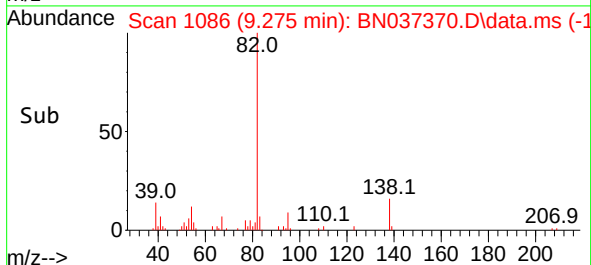
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

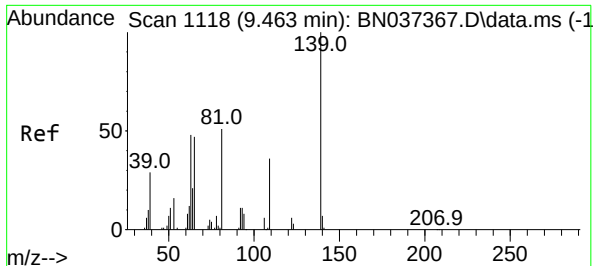


#23
Isophorone
Concen: 4.411 ng/ul
RT: 9.275 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



Tgt Ion: 82 Resp: 38903
Ion Ratio Lower Upper
82 100
95 8.9 6.9 10.3
138 15.9 13.7 20.5





#25

2-Nitrophenol

Concen: 4.636 ng/ul

RT: 9.463 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03

Tgt Ion:139 Resp: 12090

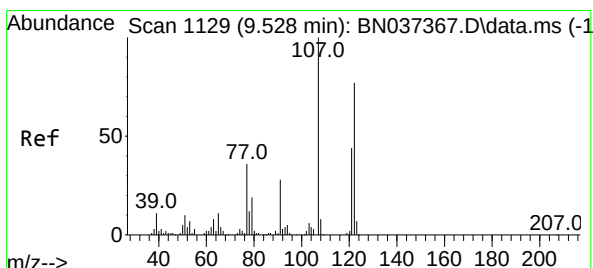
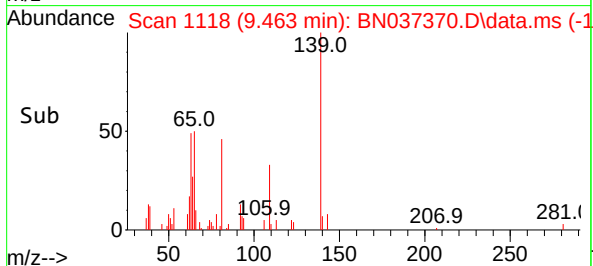
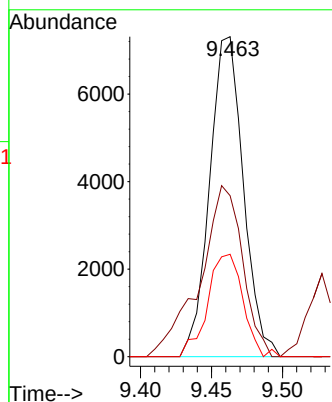
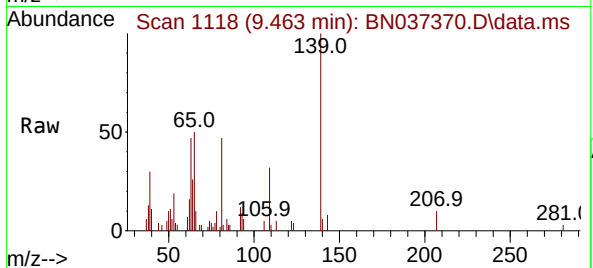
Ion	Ratio	Lower	Upper
139	100		
65	50.3	46.3	69.5
109	32.0	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#26

2,4-Dimethylphenol

Concen: 4.276 ng/ul

RT: 9.528 min Scan# 1129

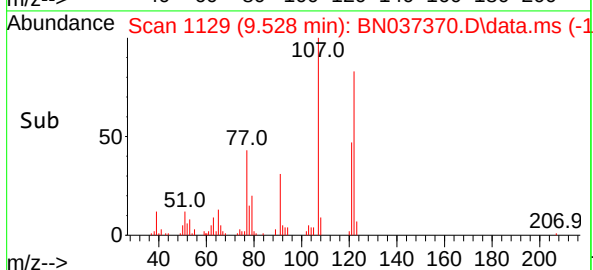
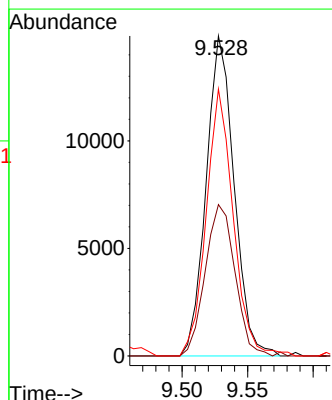
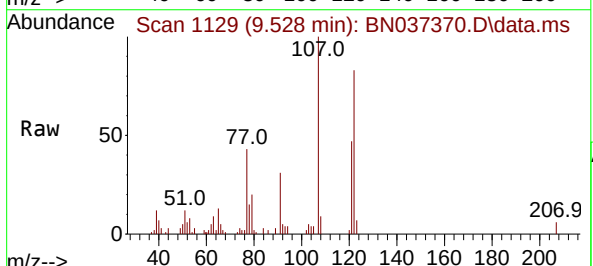
Delta R.T. -0.006 min

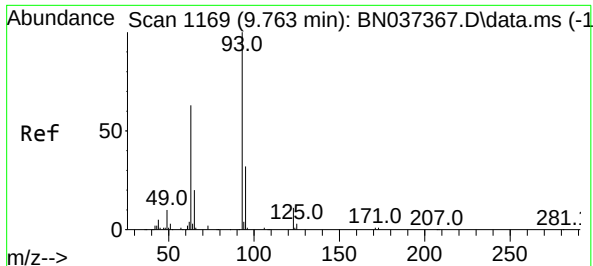
Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Tgt Ion:107 Resp: 22097

Ion	Ratio	Lower	Upper
107	100		
121	47.3	39.4	59.0
122	83.4	60.7	91.1





#27

Bis(2-Chloroethoxy)methane

Concen: 4.762 ng/ul

RT: 9.763 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03

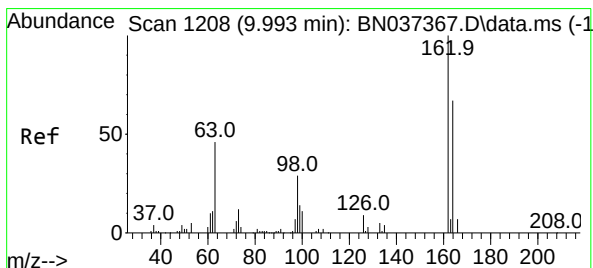
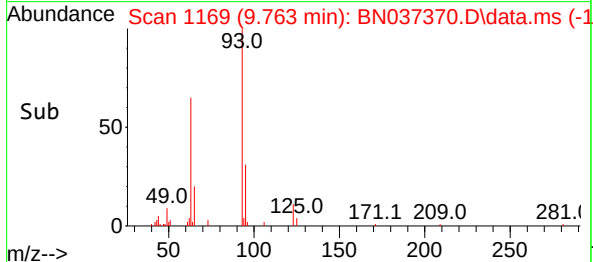
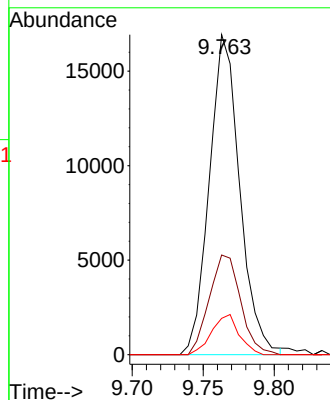
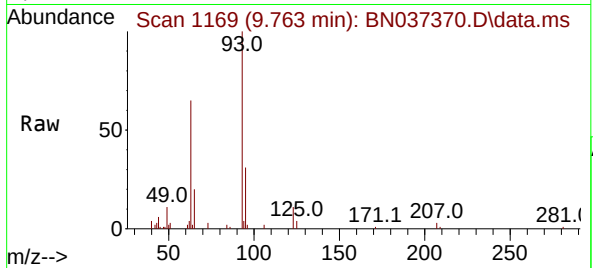
Tgt Ion: 93	Resp: 25224
Ion Ratio	Lower Upper
93 100	
95 31.2	25.0 37.6
123 11.4	9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#29

2,4-Dichlorophenol

Concen: 4.590 ng/ul

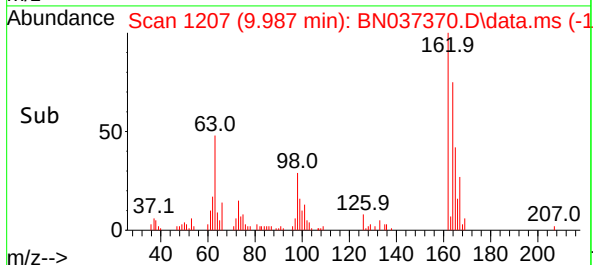
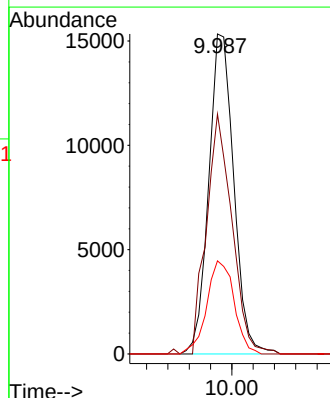
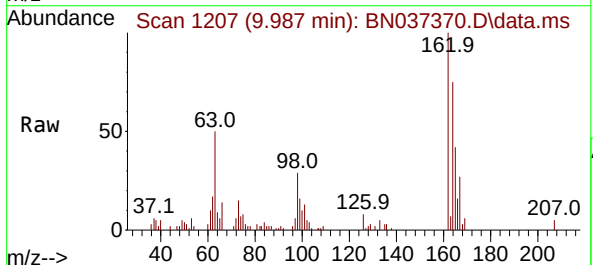
RT: 9.987 min Scan# 1207

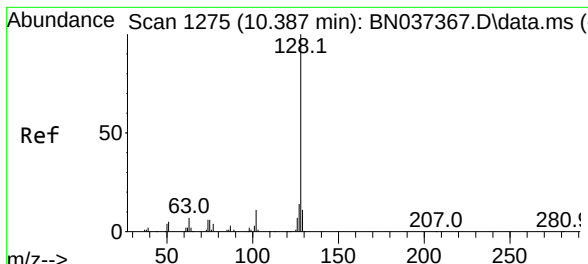
Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

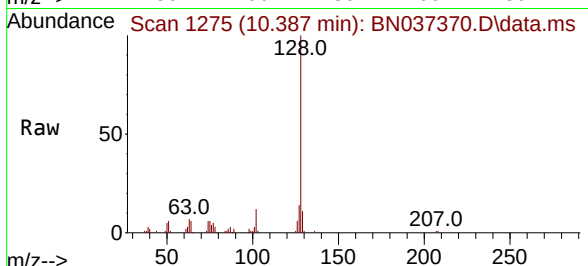
Tgt Ion: 162	Resp: 25056
Ion Ratio	Lower Upper
162 100	
164 75.0	53.0 79.6
98 29.1	23.7 35.5





#30
 Naphthalene
 Concen: 4.663 ng/ul
 RT: 10.387 min Scan# 1275
 Delta R.T. -0.006 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

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

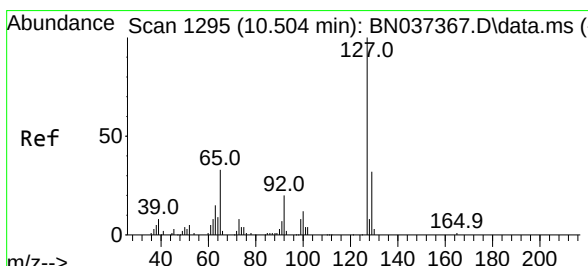
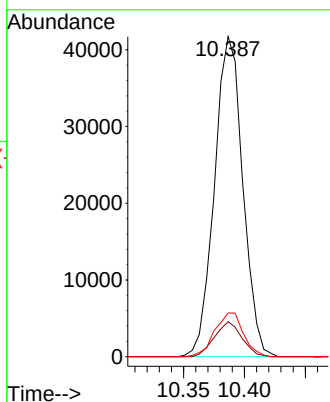
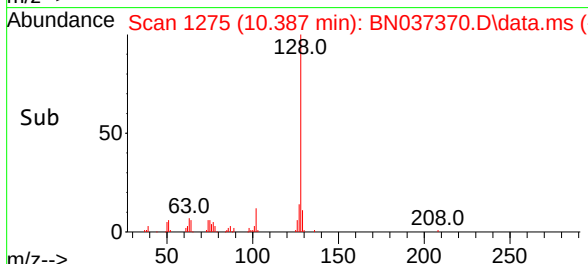


Tgt Ion:128 Resp: 67492

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.9	14.9
127	13.7	11.1	16.7

Manual Integrations
 APPROVED

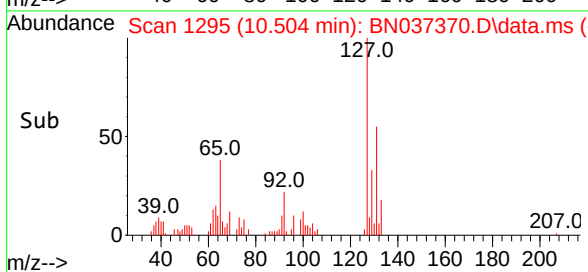
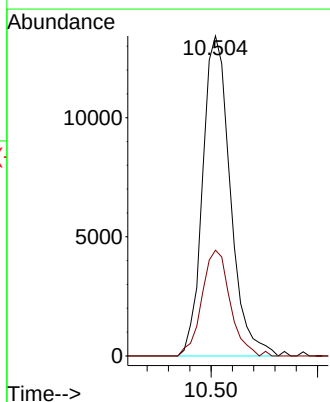
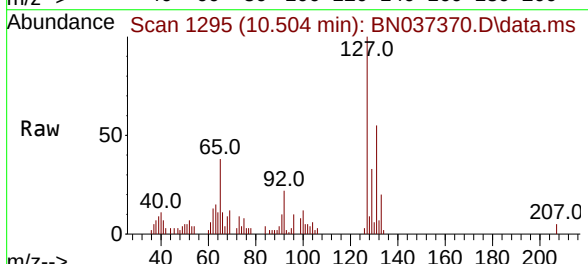
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

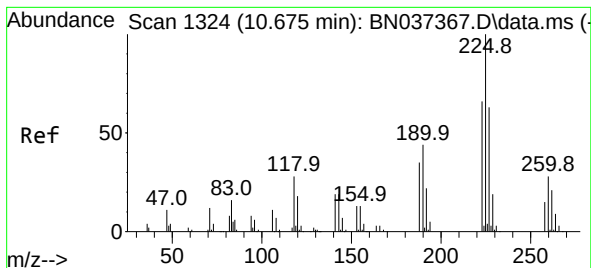


#32
 4-Chloroaniline
 Concen: 4.348 ng/ul
 RT: 10.504 min Scan# 1295
 Delta R.T. -0.006 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

Tgt Ion:127 Resp: 24239

Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.9	41.9





#33

Hexachlorobutadiene

Concen: 4.105 ng/ul

RT: 10.675 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03

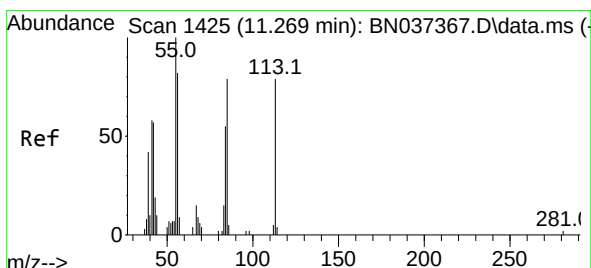
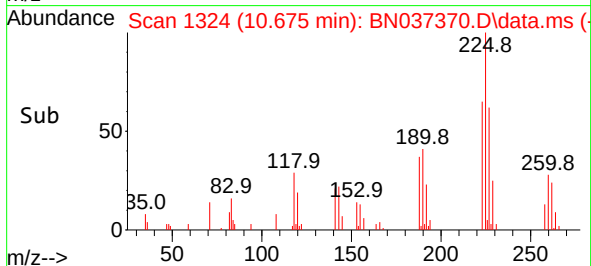
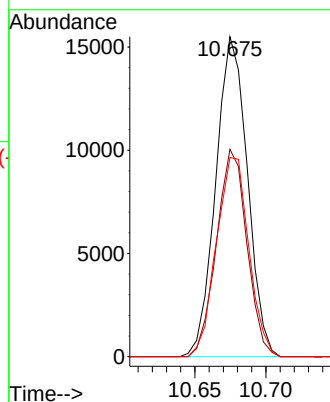
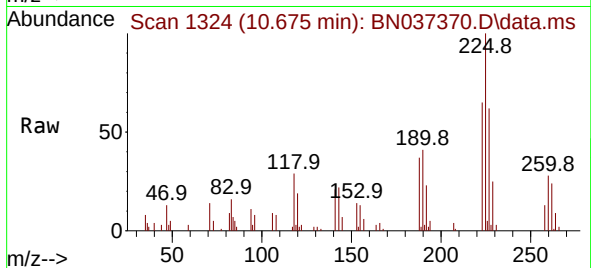
Tgt Ion:	225	Resp:	2400
Ion Ratio	Lower	Upper	
225	100		
223	64.8	48.2	72.2
227	62.2	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#34

Caprolactam

Concen: 4.622 ng/ul m

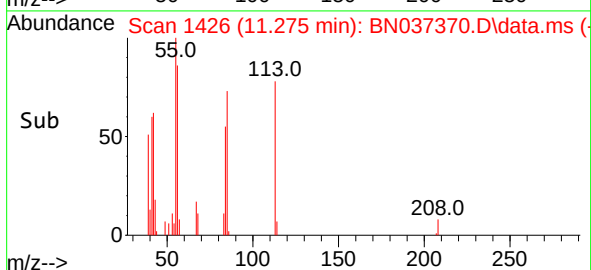
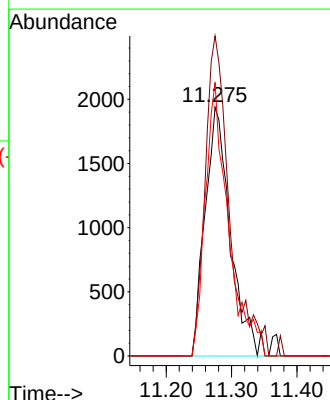
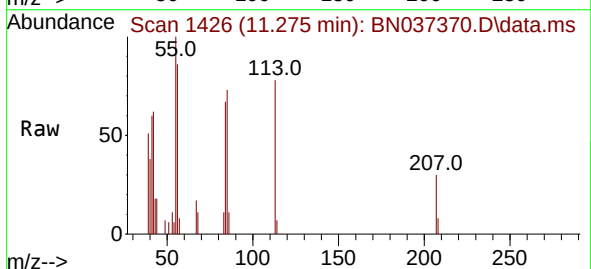
RT: 11.275 min Scan# 1426

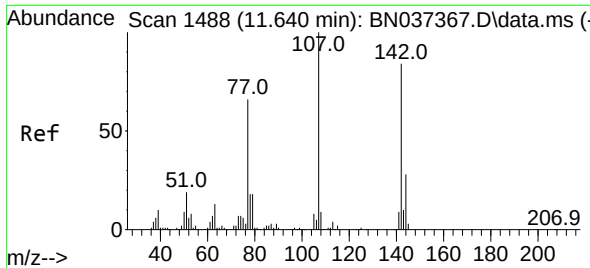
Delta R.T. 0.005 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

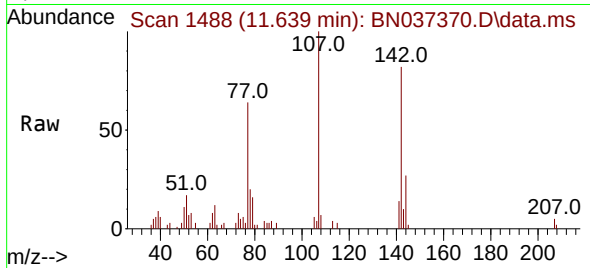
Tgt Ion:	113	Resp:	5298
Ion Ratio	Lower	Upper	
113	100		
55	128.7	97.0	145.4
56	110.1	80.3	120.5





#35
4-Chloro-3-methylphenol
Concen: 3.923 ng/ul
RT: 11.639 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

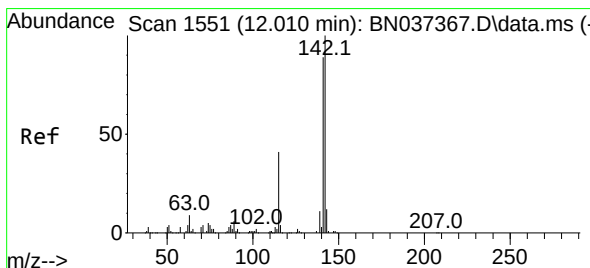
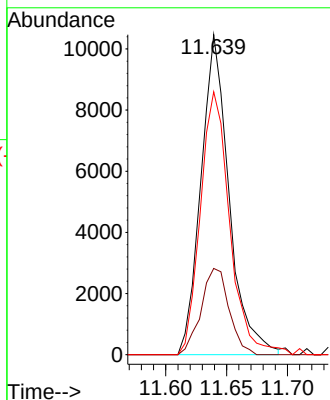
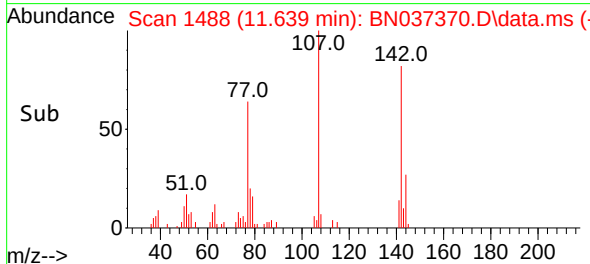
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:107 Resp: 16830
Ion Ratio Lower Upper
107 100
144 27.0 22.9 34.3
142 82.2 63.5 95.3

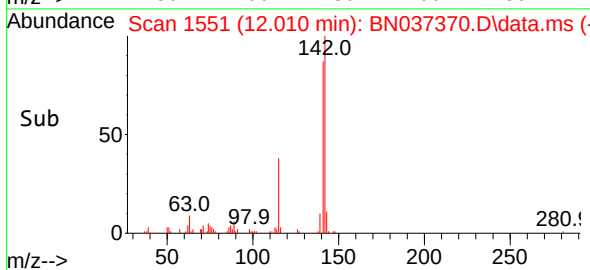
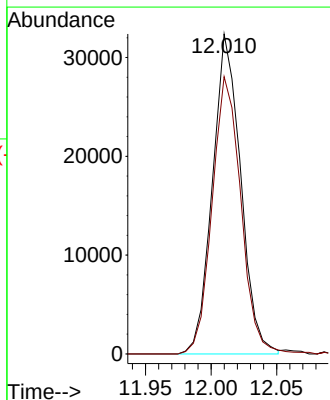
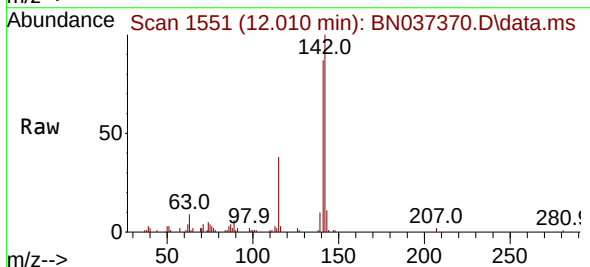
Manual Integrations
APPROVED

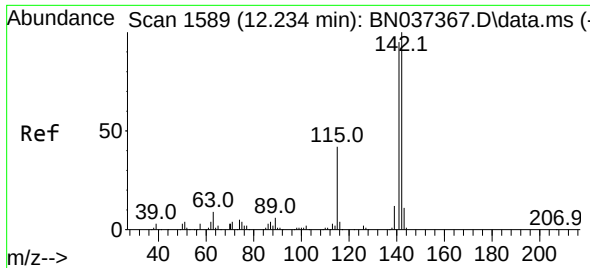
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#36
2-Methylnaphthalene
Concen: 4.388 ng/ul
RT: 12.010 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

Tgt Ion:142 Resp: 48297
Ion Ratio Lower Upper
142 100
141 86.6 73.8 110.6





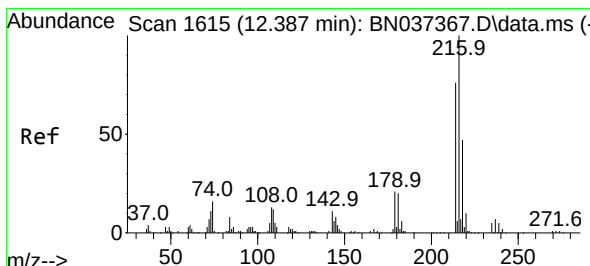
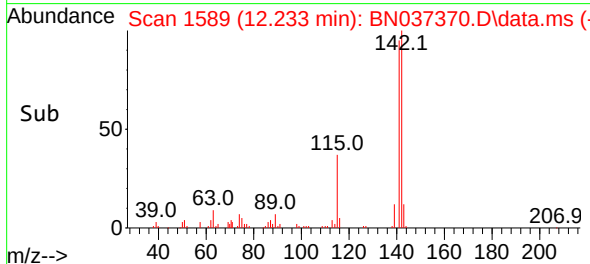
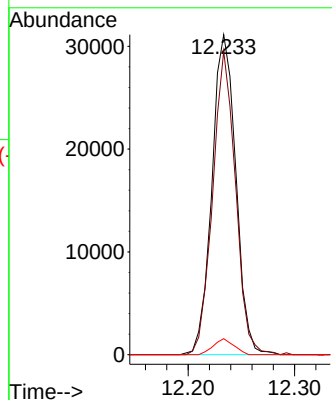
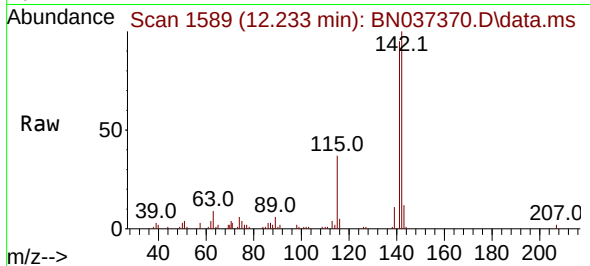
#37
1-Methylnaphthalene
Concen: 4.477 ng/ul
RT: 12.233 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

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

Tgt Ion:142 Resp: 4851
Ion Ratio Lower Upper
142 100
141 94.9 76.1 114.1
116 5.0 3.5 5.3

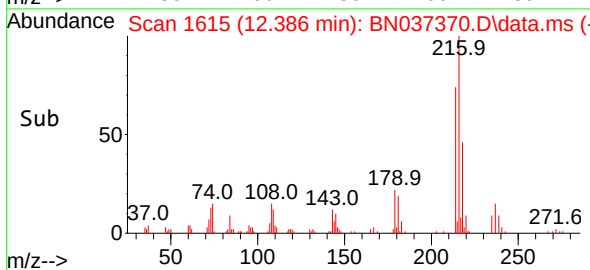
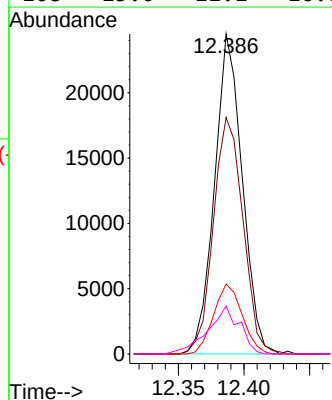
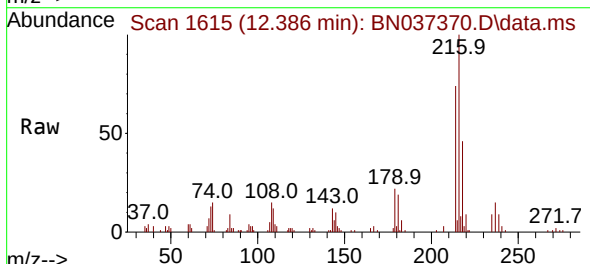
Manual Integrations
APPROVED

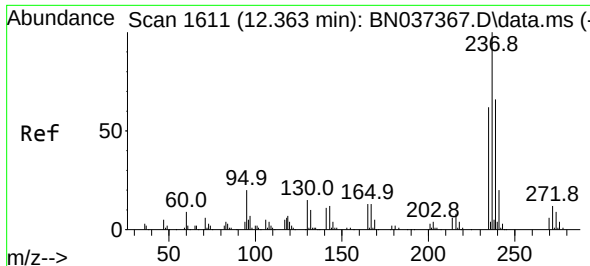
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.290 ng/ul
RT: 12.386 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

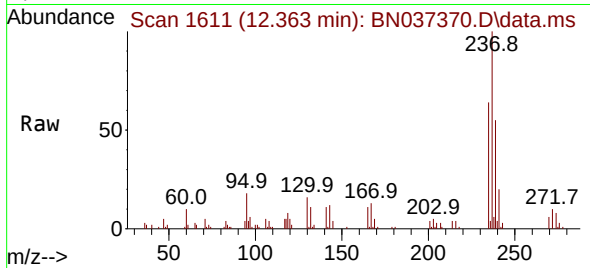
Tgt Ion:216 Resp: 36062
Ion Ratio Lower Upper
216 100
214 73.9 60.6 91.0
179 21.8 16.1 24.1
108 15.0 11.1 16.7





#40
Hexachlorocyclopentadiene
Concen: 5.954 ng/ul
RT: 12.363 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

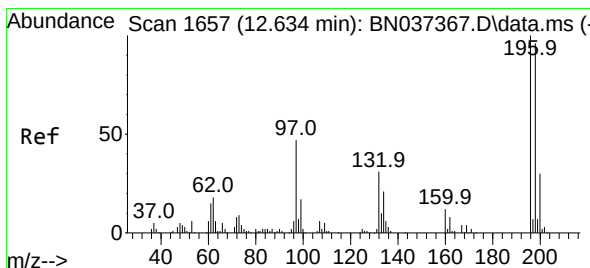
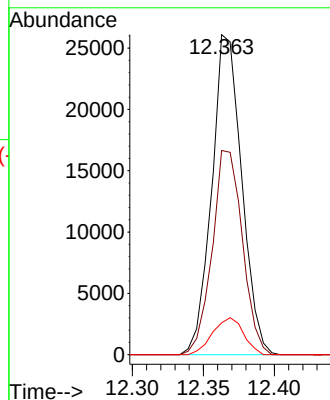
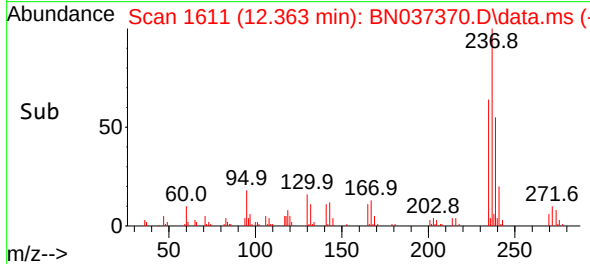
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2025-03



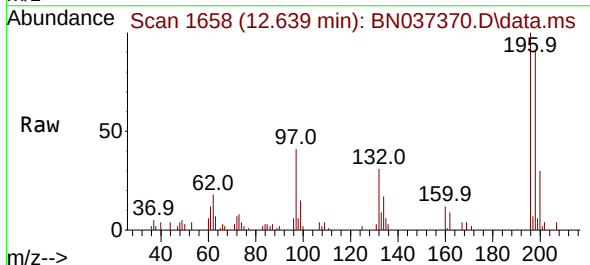
Tgt Ion:237 Resp: 38289
Ion Ratio Lower Upper
237 100
235 63.8 48.1 72.1
272 9.9 9.0 13.4

Manual Integrations
APPROVED

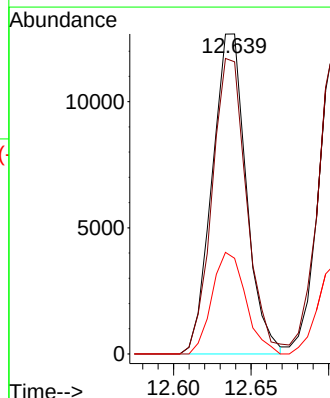
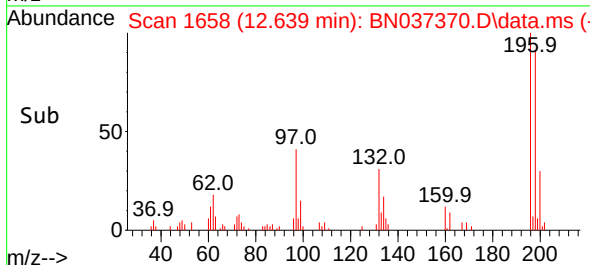
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

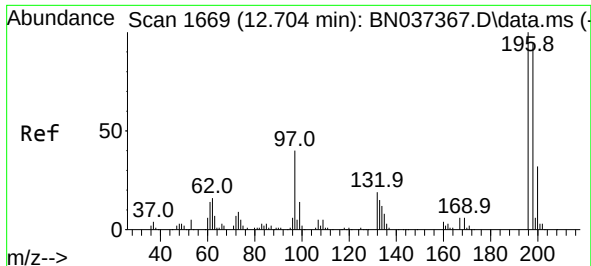


#41
2,4,6-Trichlorophenol
Concen: 4.094 ng/ul
RT: 12.639 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



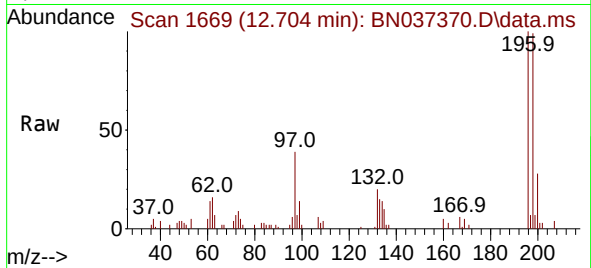
Tgt Ion:196 Resp: 19413
Ion Ratio Lower Upper
196 100
198 91.3 75.5 113.3
200 29.9 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 3.957 ng/ul
RT: 12.704 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

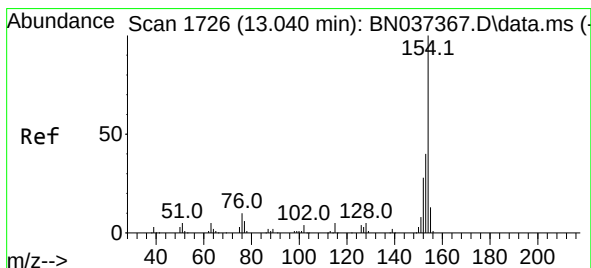
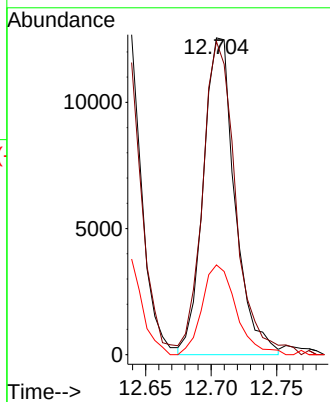
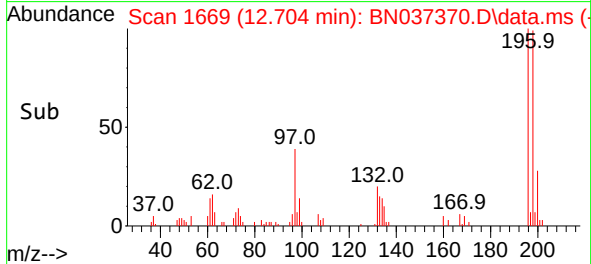
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



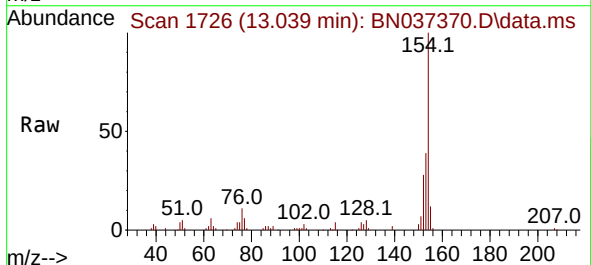
Tgt Ion:196 Resp: 21090
Ion Ratio Lower Upper
196 100
198 98.8 75.1 112.7
200 28.3 23.0 34.4

Manual Integrations
APPROVED

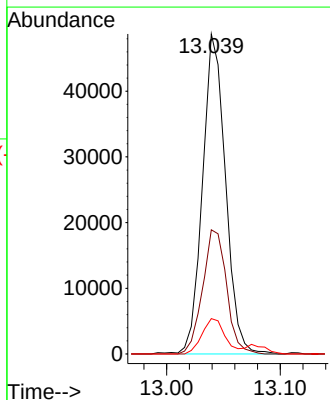
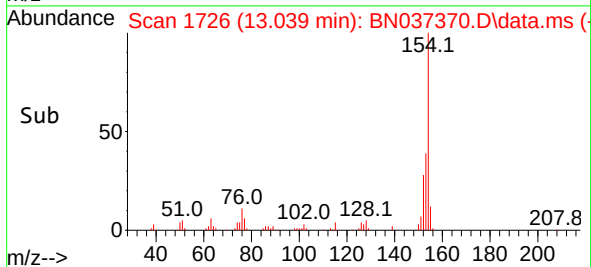
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

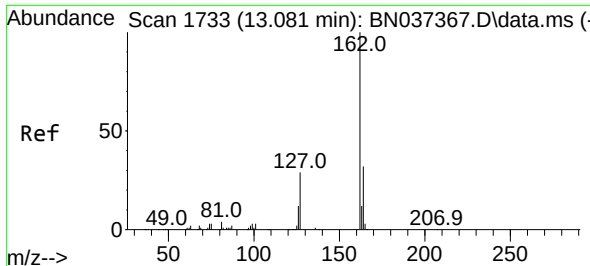


#43
1,1'-Biphenyl
Concen: 4.689 ng/ul
RT: 13.039 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



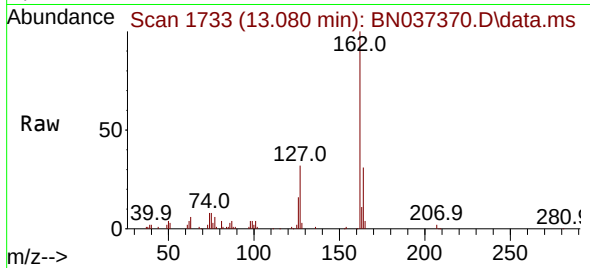
Tgt Ion:154 Resp: 68319
Ion Ratio Lower Upper
154 100
153 38.8 32.6 48.8
76 11.1 7.8 11.6





#44
2-Chloronaphthalene
Concen: 4.748 ng/ul
RT: 13.080 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

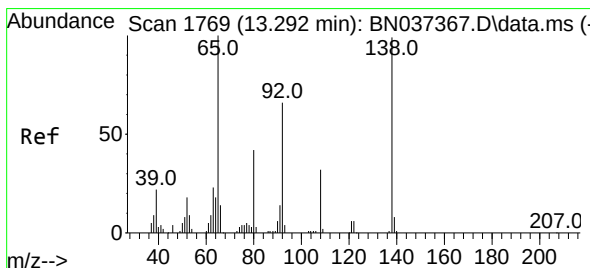
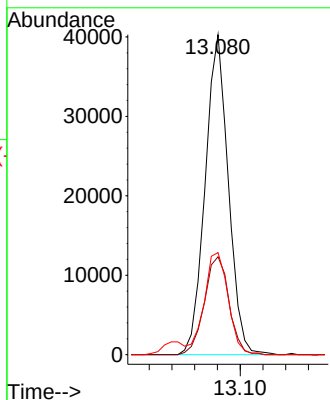
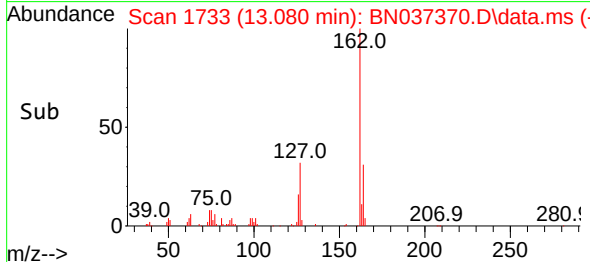
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2025-03



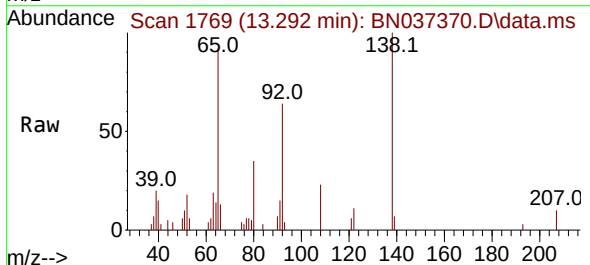
Tgt Ion:162 Resp: 5706
Ion Ratio Lower Upper
162 100
164 30.6 25.8 38.8
127 31.9 28.2 42.2

Manual Integrations
APPROVED

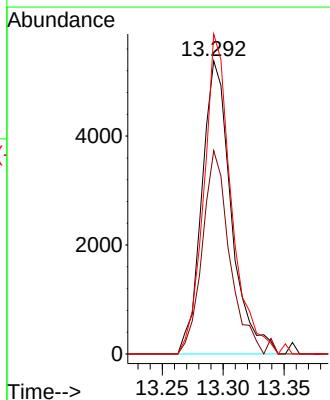
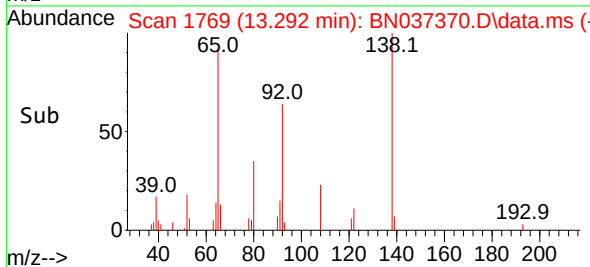
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

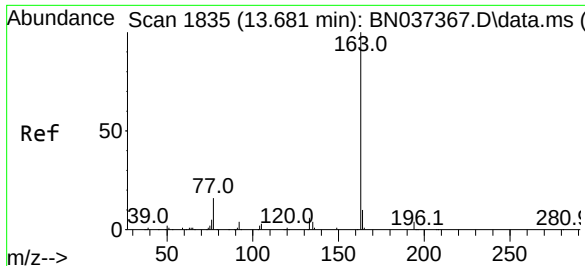


#45
2-Nitroaniline
Concen: 3.569 ng/ul
RT: 13.292 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



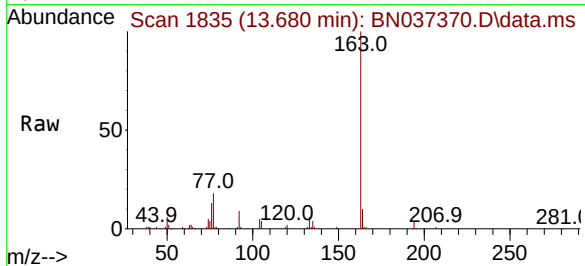
Tgt Ion: 65 Resp: 9038
Ion Ratio Lower Upper
65 100
92 69.4 53.9 80.9
138 109.2 78.4 117.6





#47
Dimethylphthalate
Concen: 4.643 ng/ul
RT: 13.680 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

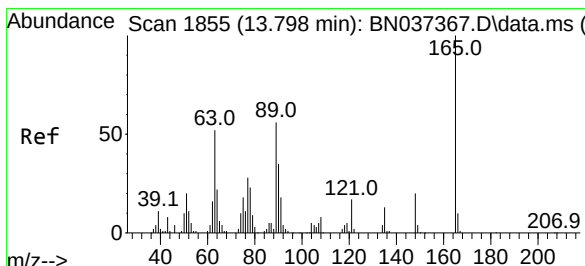
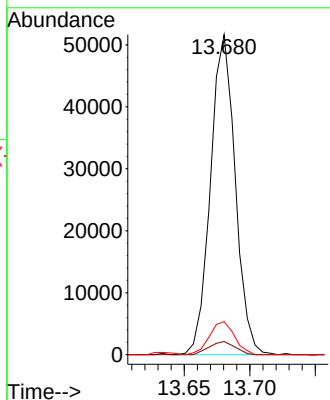
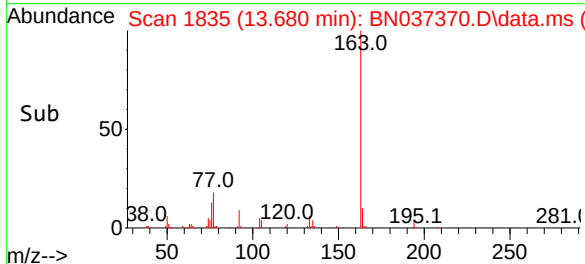
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2025-03



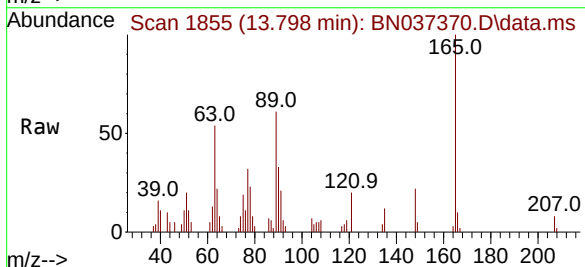
Tgt Ion:163 Resp: 67764
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.8
164 10.3 8.2 12.4

Manual Integrations
APPROVED

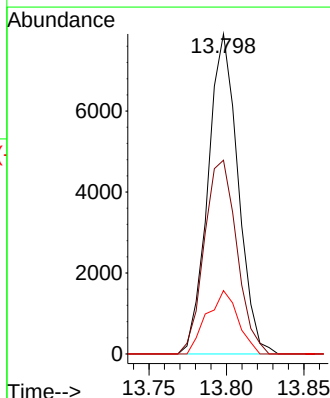
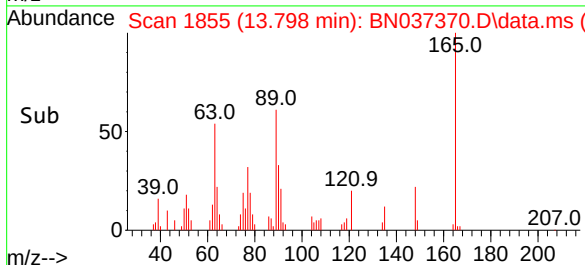
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

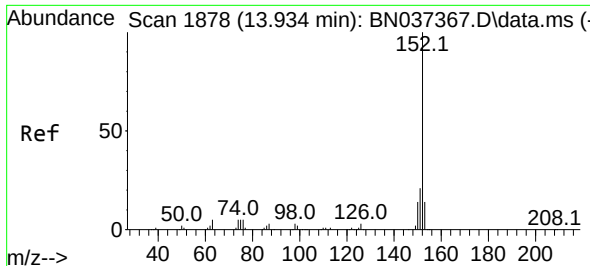


#48
2,6-Dinitrotoluene
Concen: 3.656 ng/ul
RT: 13.798 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



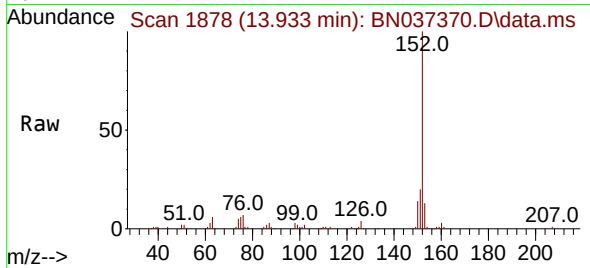
Tgt Ion:165 Resp: 10664
Ion Ratio Lower Upper
165 100
89 60.5 45.5 68.3
121 19.8 14.9 22.3





#50
Acenaphthylene
Concen: 4.882 ng/ul
RT: 13.933 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

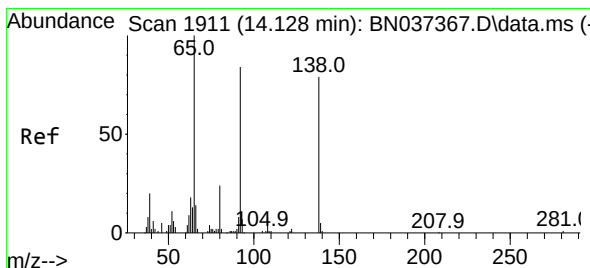
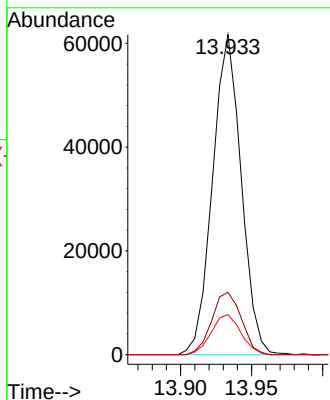
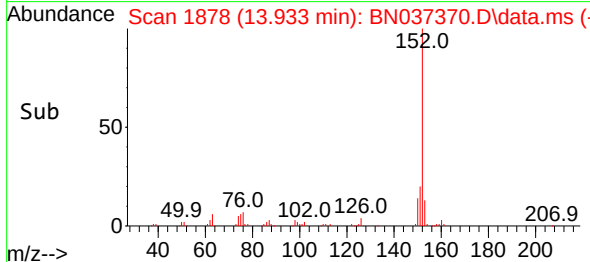
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2025-03



Tgt Ion:152 Resp: 8643
Ion Ratio Lower Upper
152 100
151 19.5 16.5 24.7
153 12.5 10.9 16.3

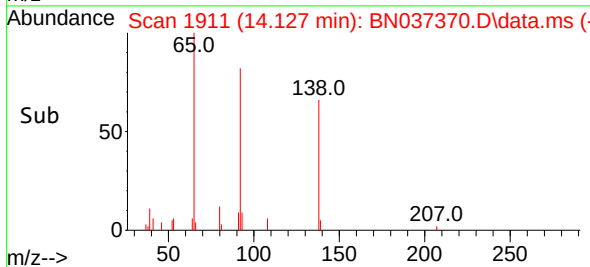
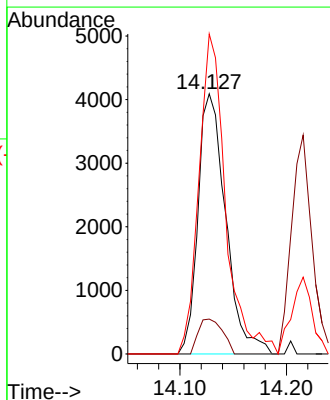
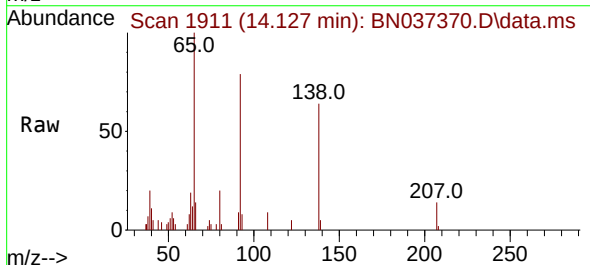
Manual Integrations
APPROVED

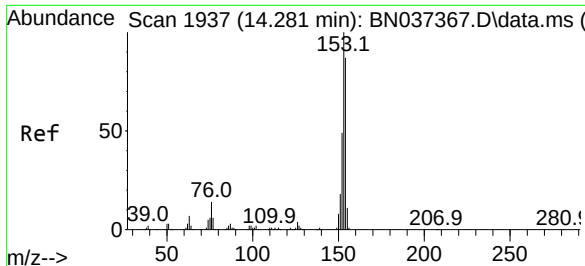
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#51
3-Nitroaniline
Concen: 3.347 ng/ul
RT: 14.127 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

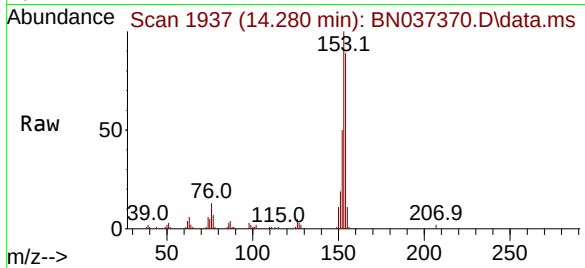
Tgt Ion:138 Resp: 7418
Ion Ratio Lower Upper
138 100
108 13.4 9.3 13.9
92 123.0 96.6 144.8





#52
Acenaphthene
Concen: 4.632 ng/ul
RT: 14.280 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

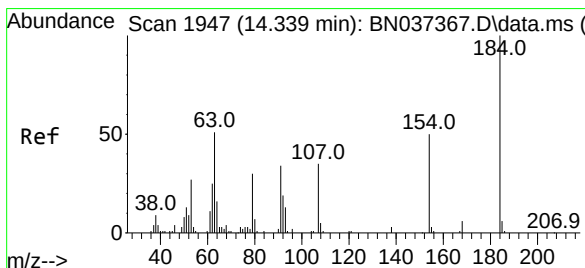
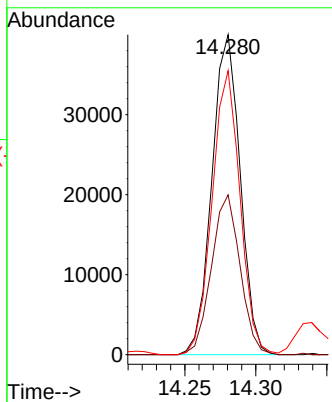
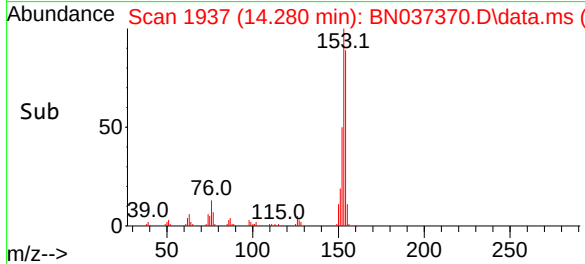
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



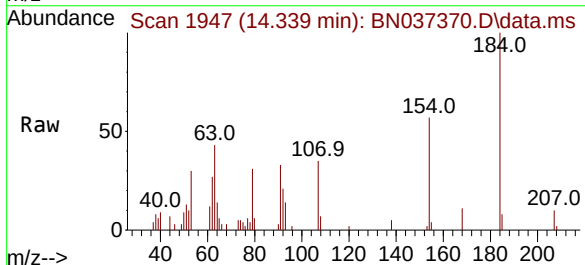
Tgt Ion:153 Resp: 55434
Ion Ratio Lower Upper
153 100
152 49.9 36.4 54.6
154 88.8 67.7 101.5

Manual Integrations
APPROVED

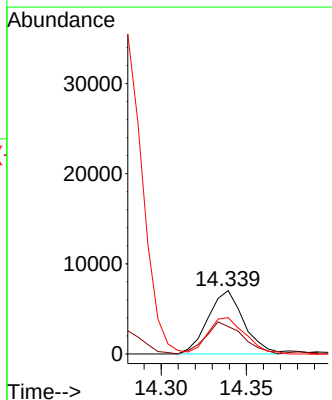
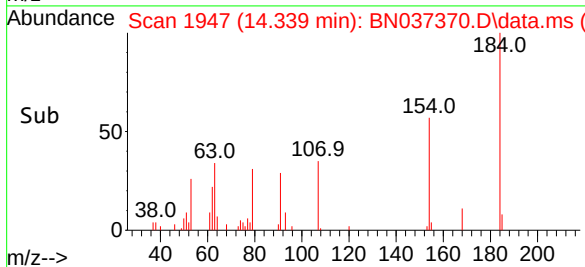
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

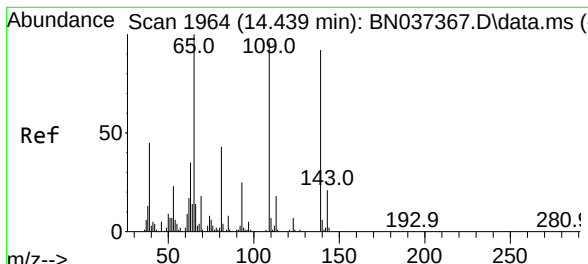


#53
2,4-Dinitrophenol
Concen: 5.045 ng/ul
RT: 14.339 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



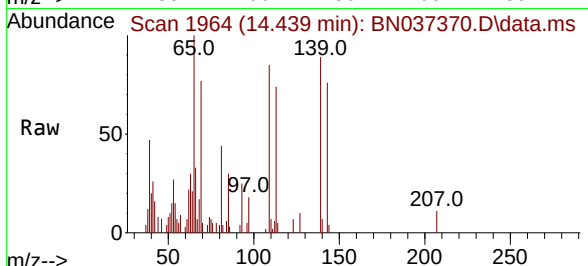
Tgt Ion:184 Resp: 10251
Ion Ratio Lower Upper
184 100
63 43.3 46.4 69.6#
154 57.3 53.4 80.2





#55
4-Nitrophenol
Concen: 4.186 ng/ul
RT: 14.439 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

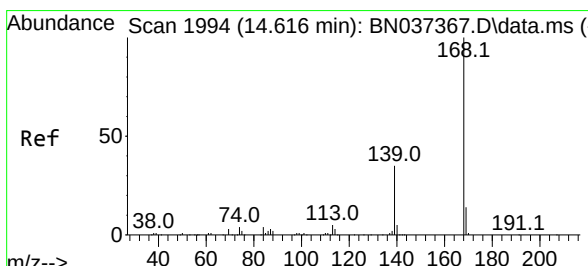
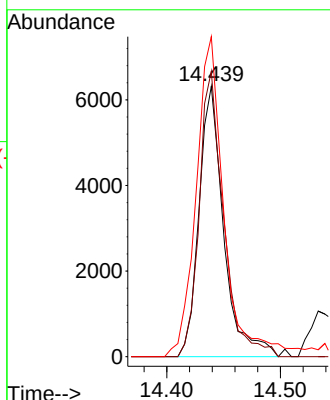
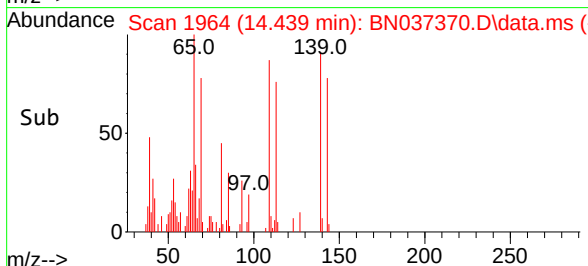
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2025-03



Tgt Ion:109 Resp: 9542
Ion Ratio Lower Upper
109 100
139 105.6 71.4 107.2
65 118.3 77.4 116.0

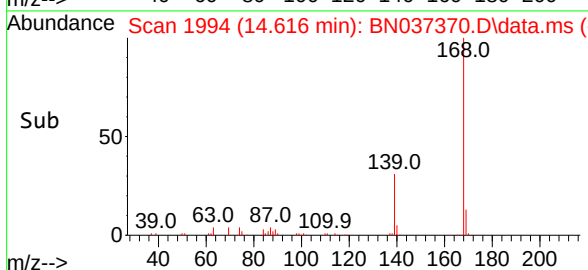
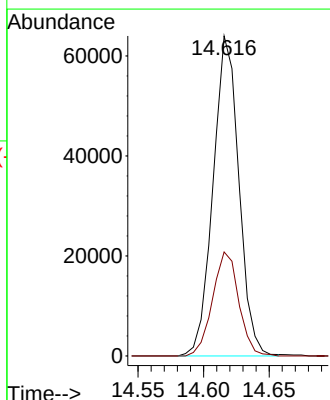
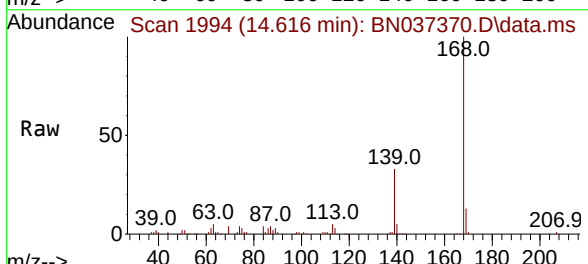
Manual Integrations
APPROVED

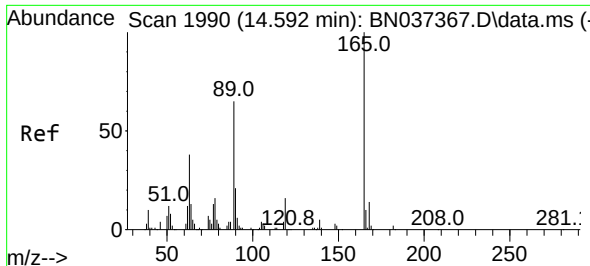
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#56
Dibenzofuran
Concen: 4.724 ng/ul
RT: 14.616 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

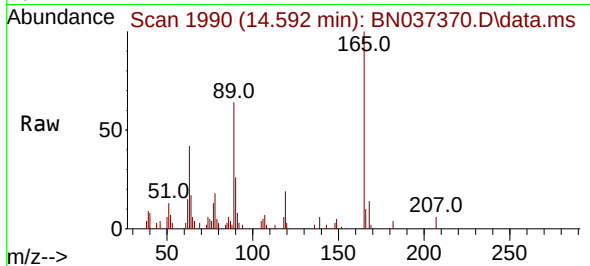
Tgt Ion:168 Resp: 87478
Ion Ratio Lower Upper
168 100
139 32.5 28.0 42.0





#57
2,4-Dinitrotoluene
Concen: 3.888 ng/ul
RT: 14.592 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

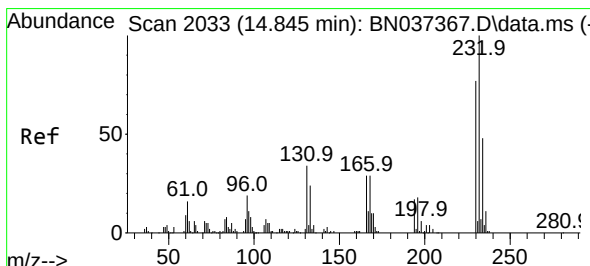
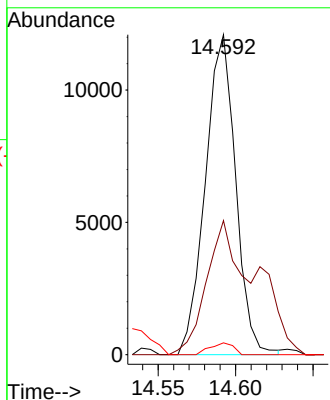
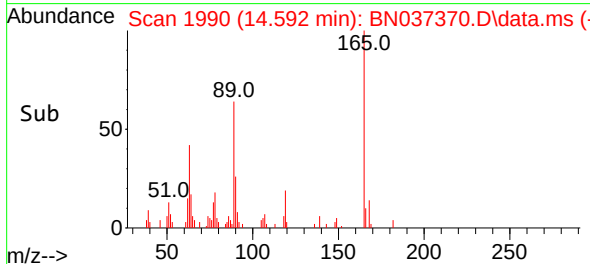
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:165 Resp: 16430
Ion Ratio Lower Upper
165 100
63 41.9 35.9 53.9
182 3.7 2.1 3.1

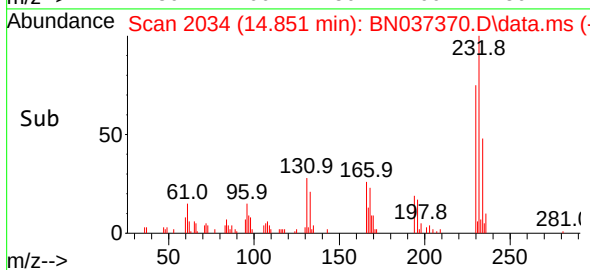
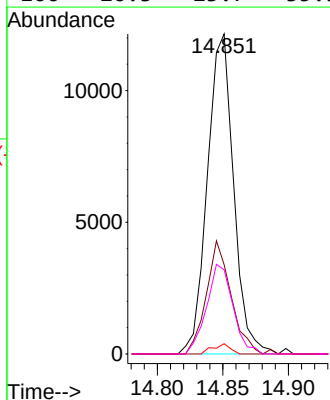
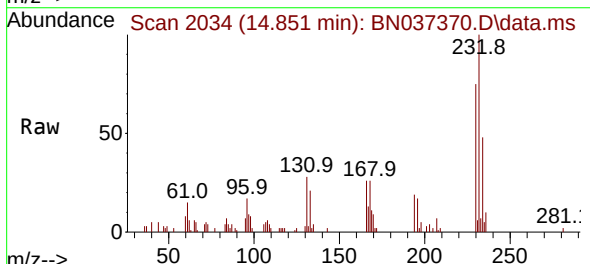
Manual Integrations
APPROVED

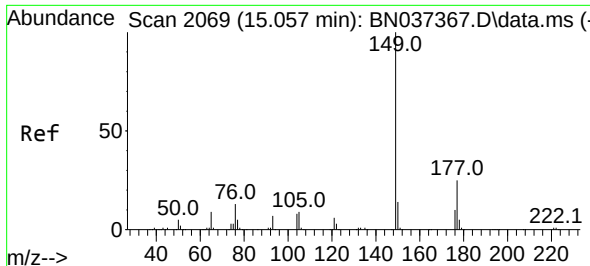
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.725 ng/ul
RT: 14.851 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

Tgt Ion:232 Resp: 16903
Ion Ratio Lower Upper
232 100
131 27.9 29.1 43.7#
130 3.2 0.0 0.0#
166 26.3 23.7 35.5





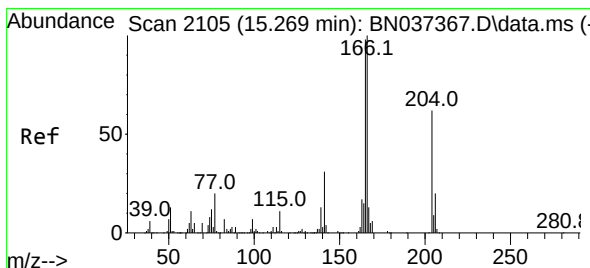
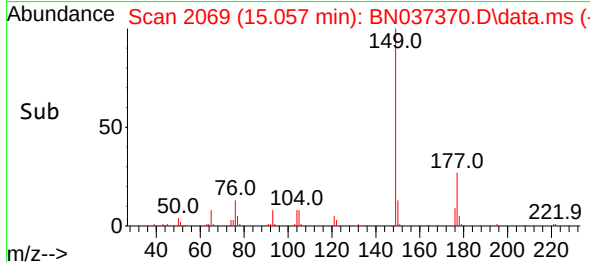
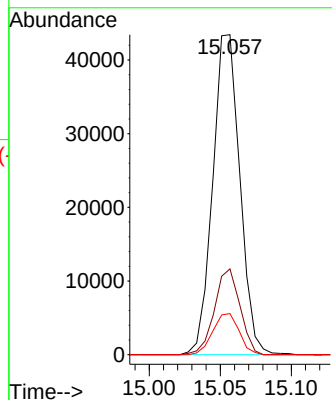
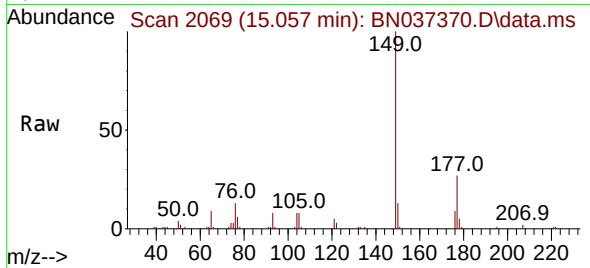
#59
Diethylphthalate
Concen: 4.207 ng/ul
RT: 15.057 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

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

Tgt Ion:149 Resp: 57730
Ion Ratio Lower Upper
149 100
177 26.8 19.0 28.4
150 12.9 10.0 15.0

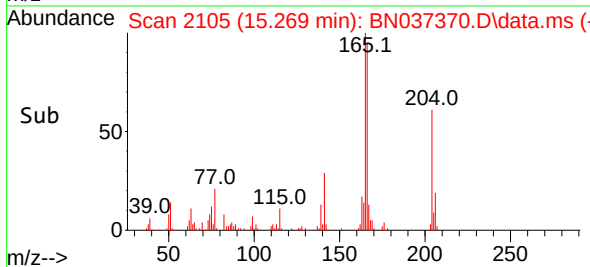
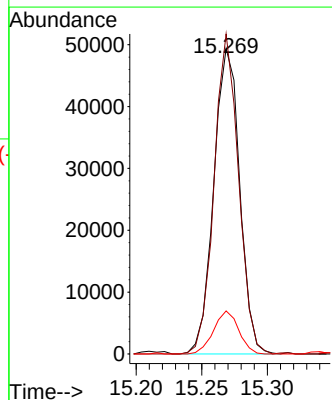
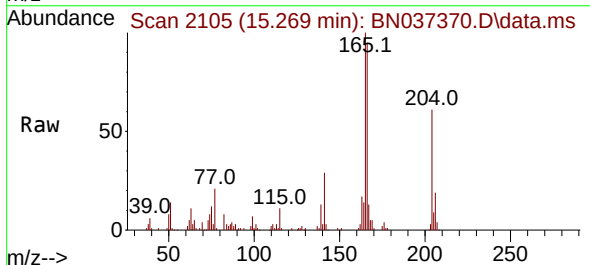
Manual Integrations
APPROVED

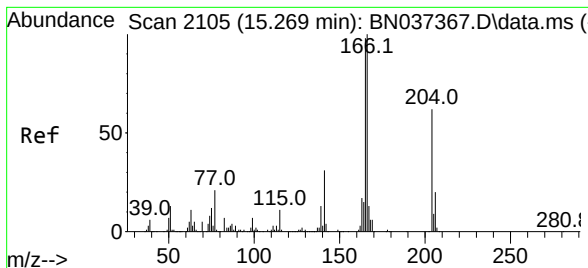
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#61
Fluorene
Concen: 4.591 ng/ul
RT: 15.269 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

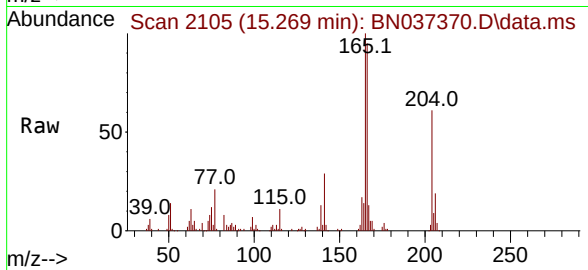
Tgt Ion:166 Resp: 67975
Ion Ratio Lower Upper
166 100
165 104.8 80.2 120.2
167 14.1 10.2 15.4





#62
4-Chlorophenyl-phenylether
Concen: 4.221 ng/ul
RT: 15.269 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

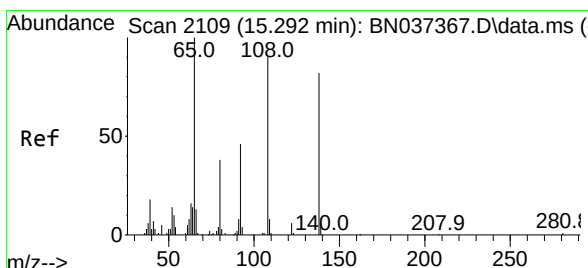
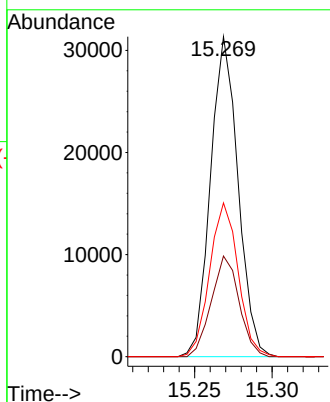
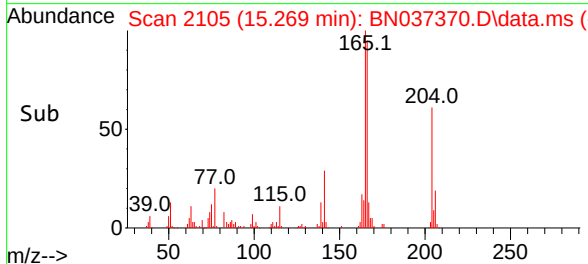
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2025-03



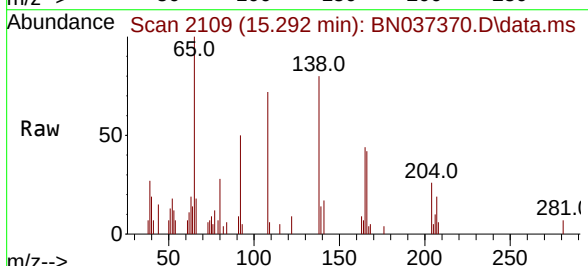
Tgt Ion:204 Resp: 38690
Ion Ratio Lower Upper
204 100
206 31.4 26.6 40.0
141 48.1 40.8 61.2

Manual Integrations
APPROVED

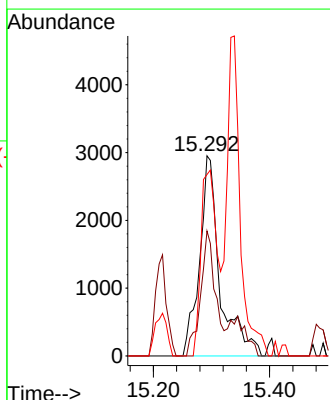
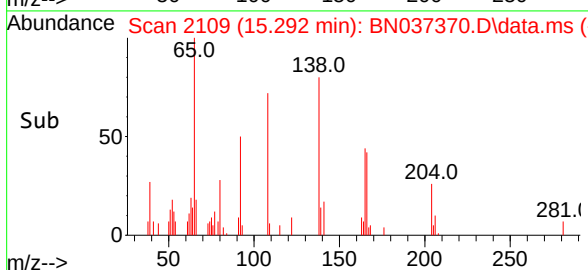
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

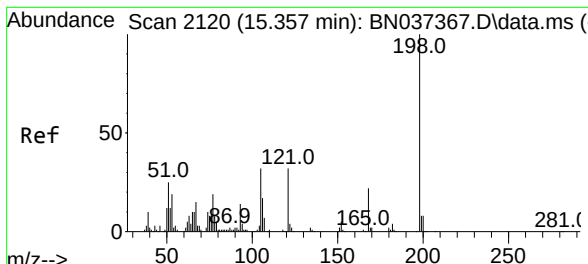


#63
4-Nitroaniline
Concen: 3.541 ng/ul m
RT: 15.292 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



Tgt Ion:138 Resp: 7387
Ion Ratio Lower Upper
138 100
92 62.5 43.0 64.6
108 90.7 98.2 147.4#





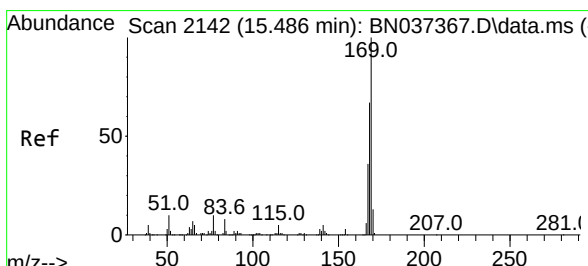
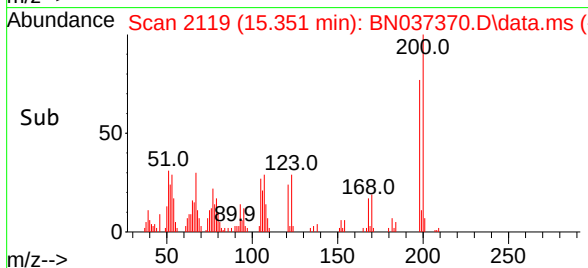
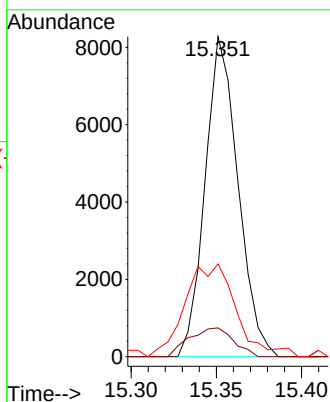
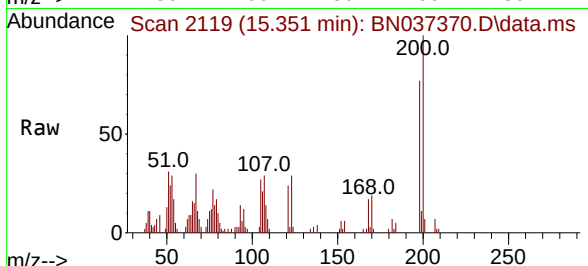
#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.605 ng/ul
 RT: 15.351 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

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

Tgt Ion:198	Resp:	11134
Ion Ratio	Lower	Upper
198	100	
182	9.0	3.8 5.8
77	29.0	19.9 29.9

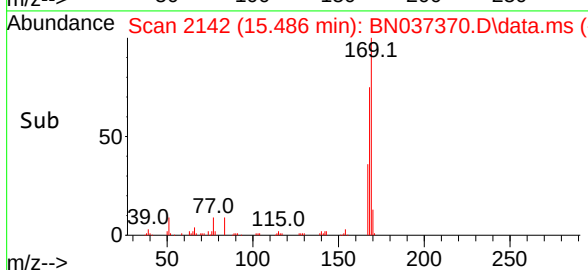
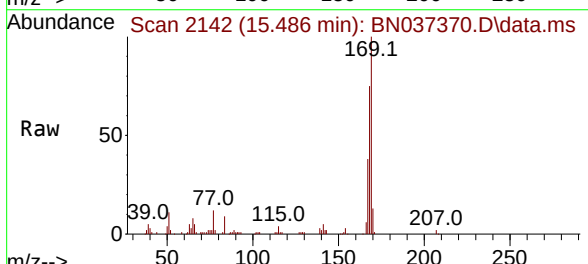
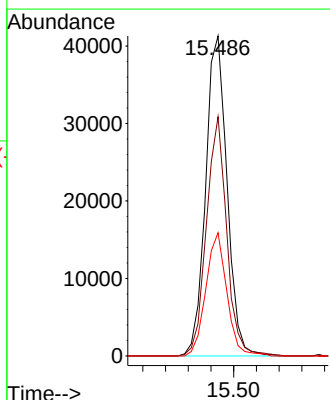
Manual Integrations
 APPROVED

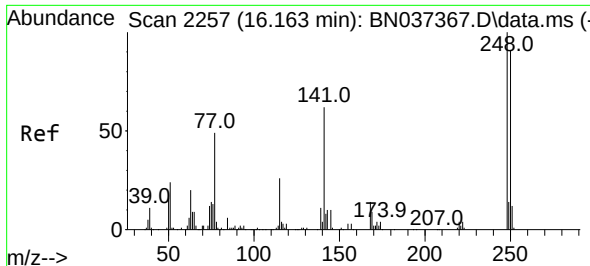
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025



#67
 N-Nitrosodiphenylamine
 Concen: 4.627 ng/ul
 RT: 15.486 min Scan# 2142
 Delta R.T. -0.000 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

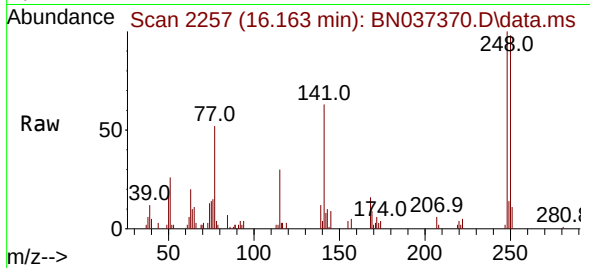
Tgt Ion:169	Resp:	54134
Ion Ratio	Lower	Upper
169	100	
168	74.8	55.8 83.8
167	38.5	31.8 47.6





#68
4-Bromophenyl-phenylether
Concen: 3.996 ng/ul
RT: 16.163 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

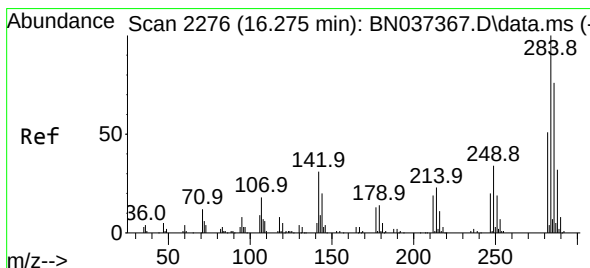
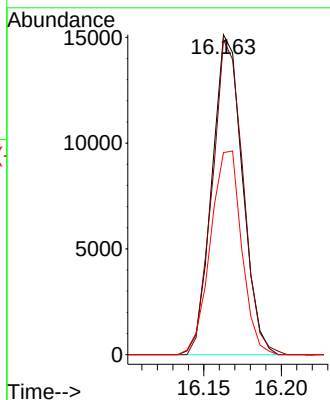
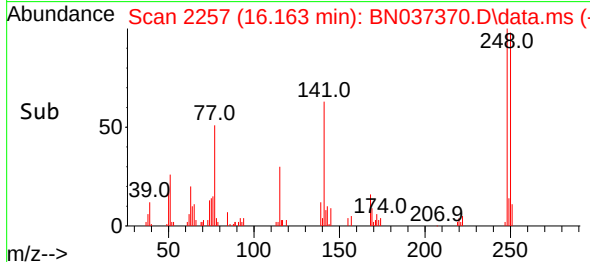
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



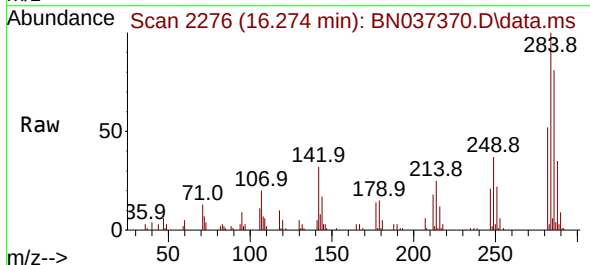
Tgt Ion:248 Resp: 2068
Ion Ratio Lower Upper
248 100
250 98.5 83.1 124.7
141 63.2 51.4 77.0

Manual Integrations
APPROVED

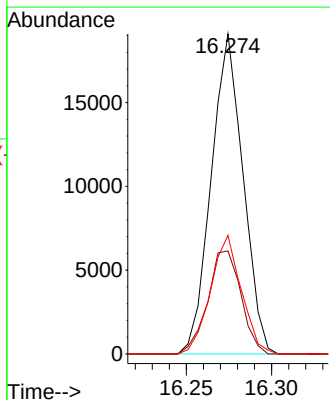
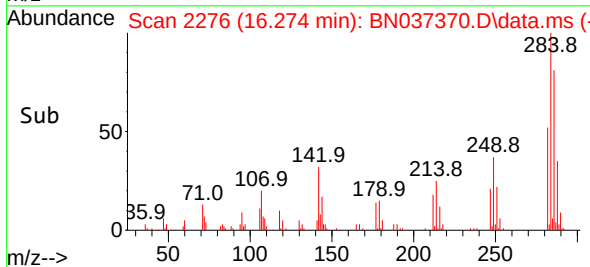
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

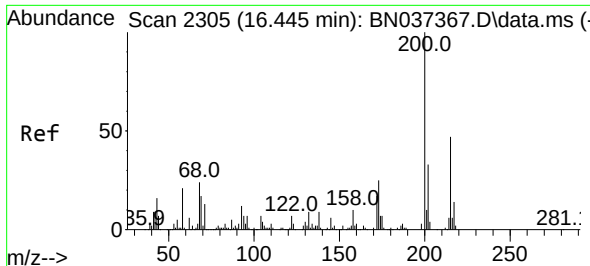


#69
Hexachlorobenzene
Concen: 4.269 ng/ul
RT: 16.274 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



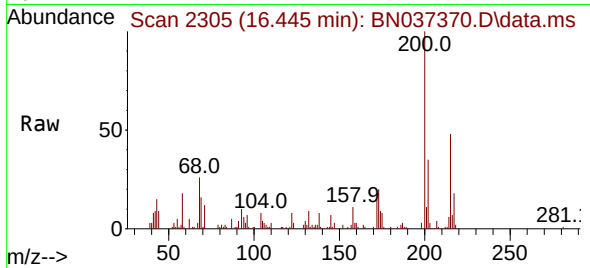
Tgt Ion:284 Resp: 24858
Ion Ratio Lower Upper
284 100
142 32.2 27.0 40.6
249 37.0 26.8 40.2





#70
Atrazine
Concen: 6.051 ng/ul
RT: 16.445 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

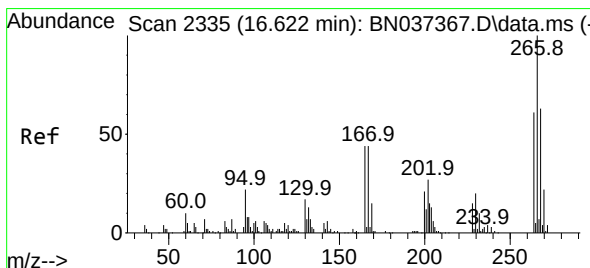
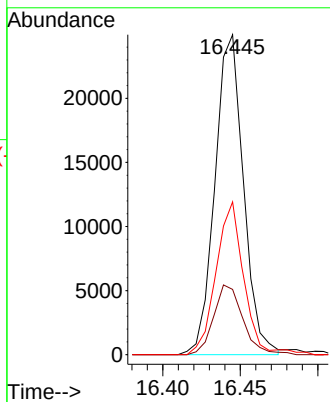
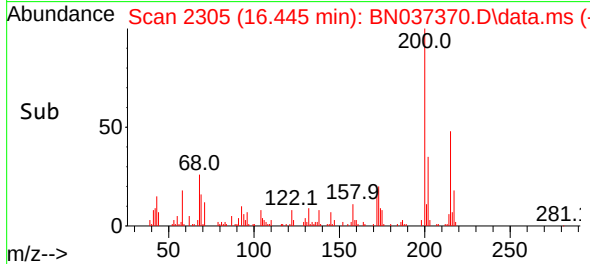
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



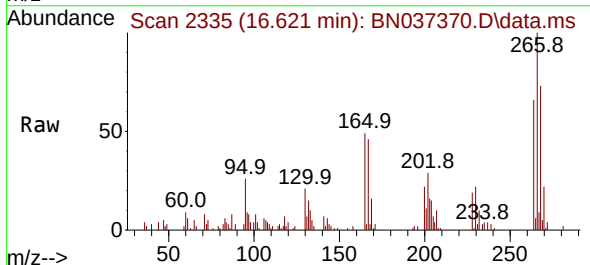
Tgt Ion:200 Resp: 31962
Ion Ratio Lower Upper
200 100
173 20.4 19.0 28.4
215 47.7 37.5 56.3

Manual Integrations
APPROVED

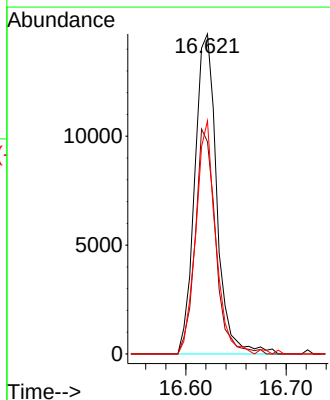
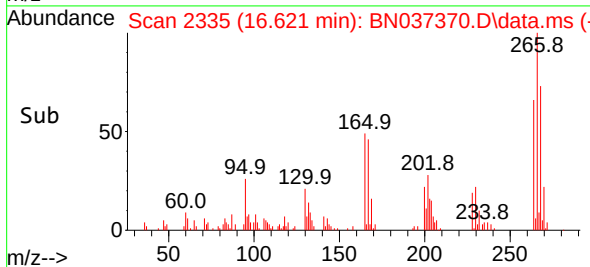
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

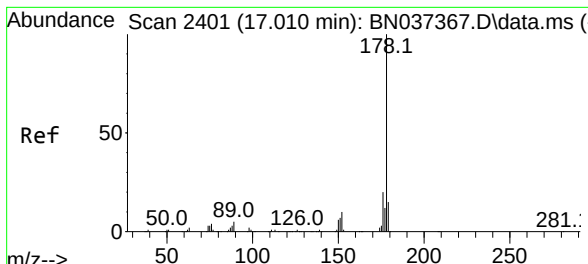


#71
Pentachlorophenol
Concen: 5.801 ng/ul
RT: 16.621 min Scan# 2335
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



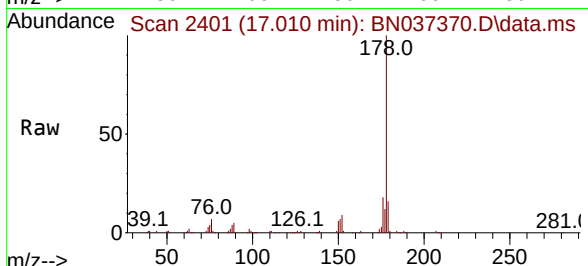
Tgt Ion:266 Resp: 22489
Ion Ratio Lower Upper
266 100
264 66.3 49.2 73.8
268 72.8 51.8 77.8





#72
 Phenanthrene
 Concen: 4.712 ng/ul
 RT: 17.010 min Scan# 2401
 Delta R.T. -0.000 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

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

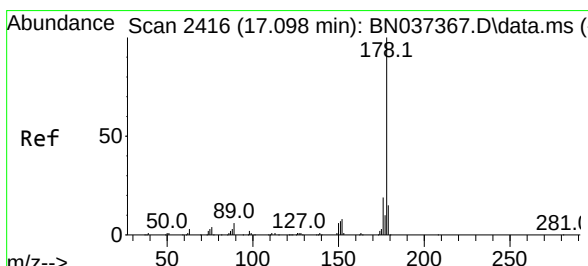
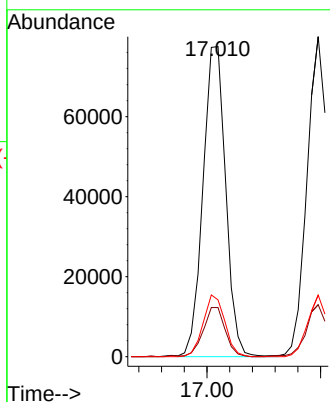
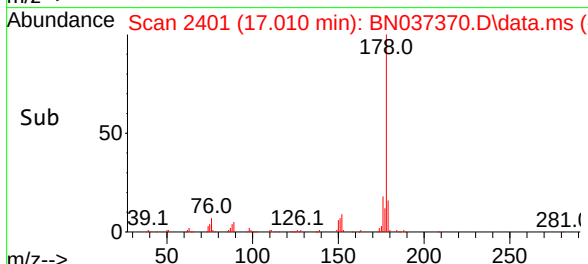


Tgt Ion:178 Resp: 107798

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.3	15.6	23.4

Manual Integrations
 APPROVED

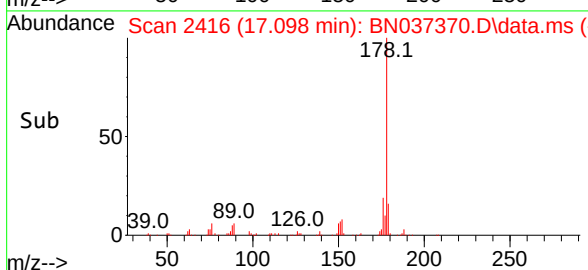
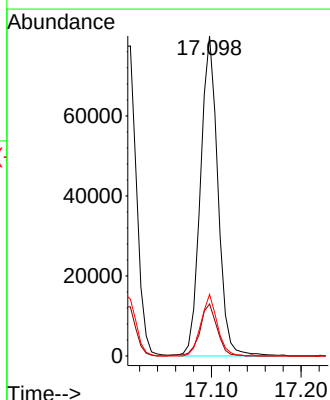
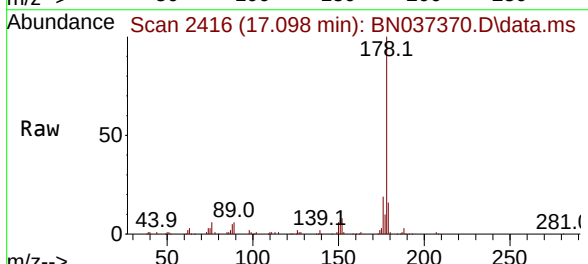
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

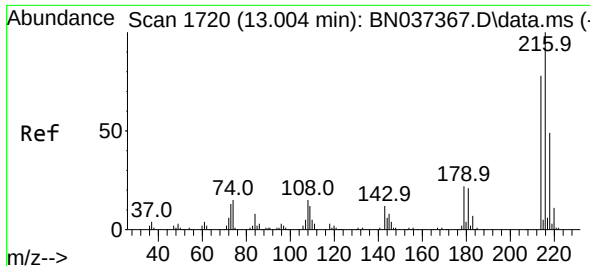


#74
 Anthracene
 Concen: 4.652 ng/ul
 RT: 17.098 min Scan# 2416
 Delta R.T. -0.000 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

Tgt Ion:178 Resp: 107852

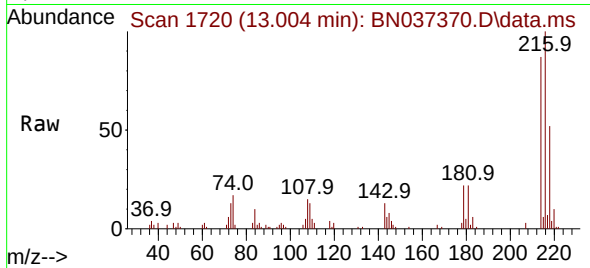
Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.6	17.4
176	19.2	14.4	21.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.398 ng/uL
RT: 13.004 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

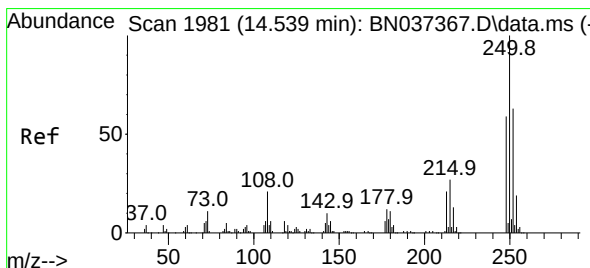
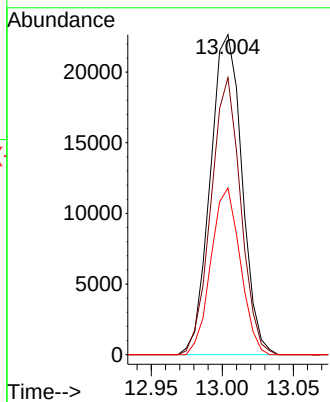
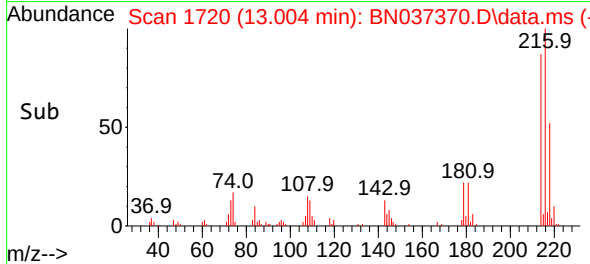
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



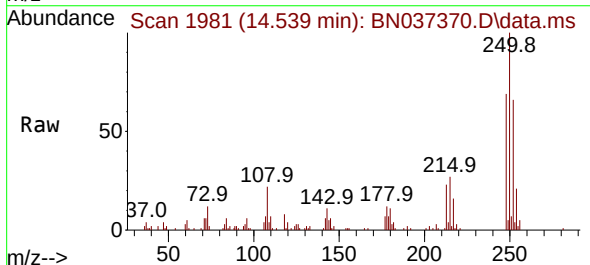
Tgt Ion:216 Resp: 3524
Ion Ratio Lower Upper
216 100
214 86.5 58.9 88.3
218 52.1 37.7 56.5

Manual Integrations
APPROVED

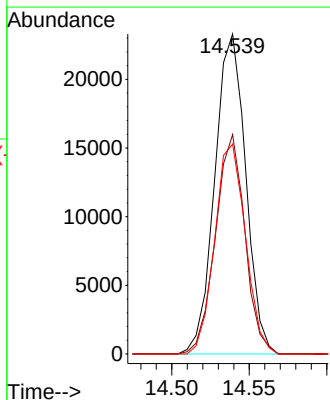
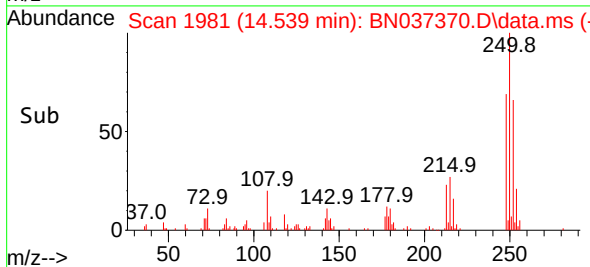
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

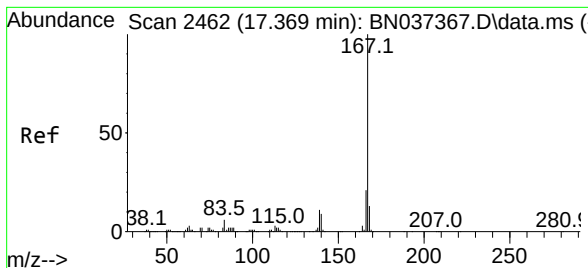


#76
Pentachlorobenzene
Concen: 4.375 ng/uL
RT: 14.539 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



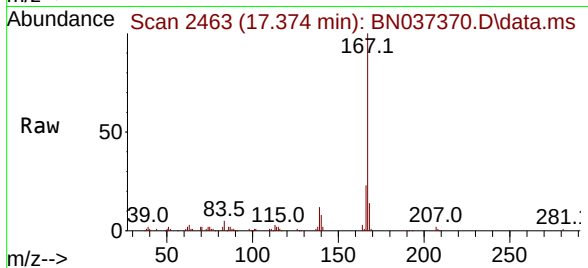
Tgt Ion:250 Resp: 32357
Ion Ratio Lower Upper
250 100
248 68.6 47.8 71.6
252 65.6 48.1 72.1





#77
 Carbazole
 Concen: 4.034 ng/ul
 RT: 17.374 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

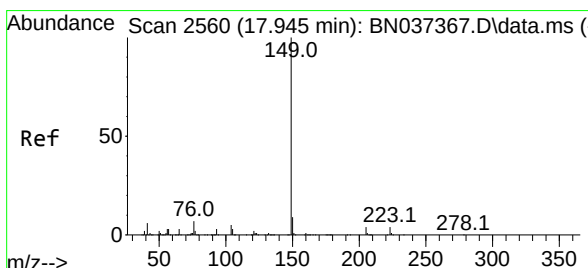
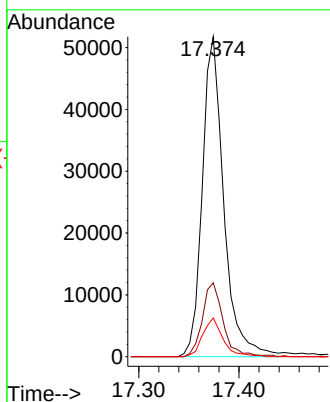
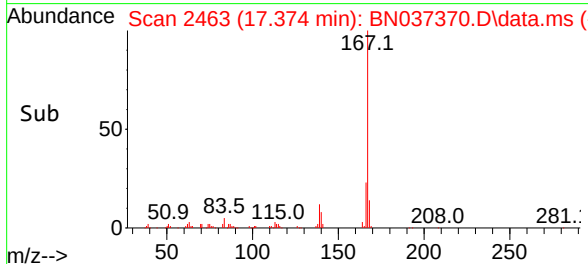
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT2-2025-03



Tgt Ion:167 Resp: 77200
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.1 25.7
 139 12.2 9.5 14.3

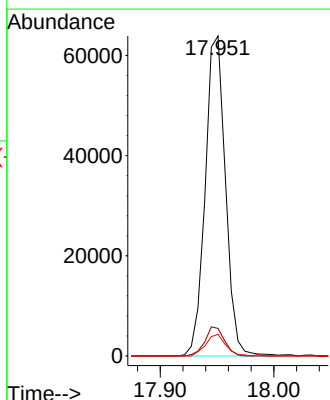
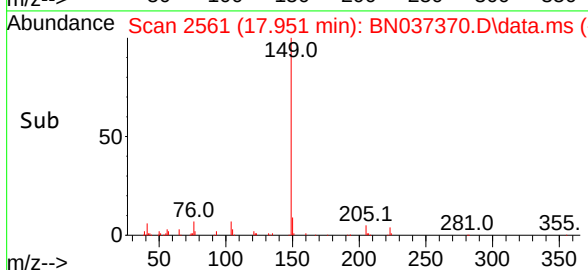
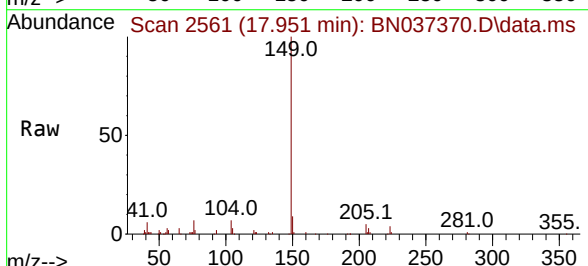
Manual Integrations
 APPROVED

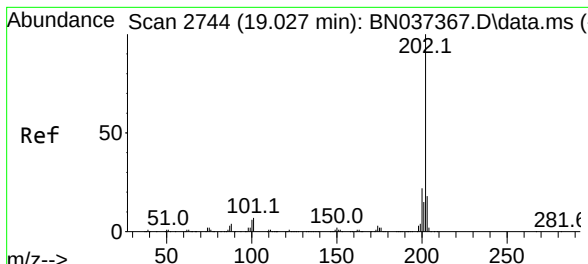
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025



#78
 Di-n-butylphthalate
 Concen: 3.837 ng/ul
 RT: 17.951 min Scan# 2561
 Delta R.T. -0.000 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

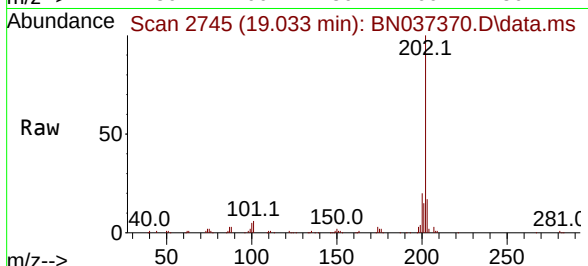
Tgt Ion:149 Resp: 79198
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.3 10.9
 104 6.8 5.0 7.4





#80
 Fluoranthene
 Concen: 4.887 ng/ul
 RT: 19.033 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

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

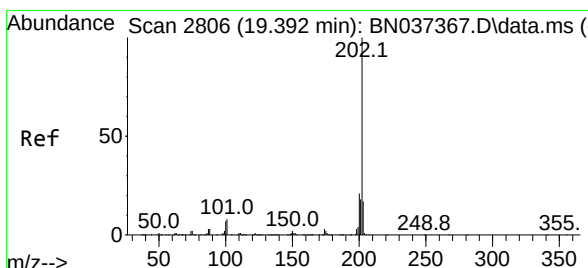
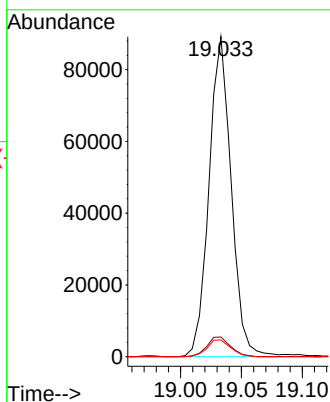
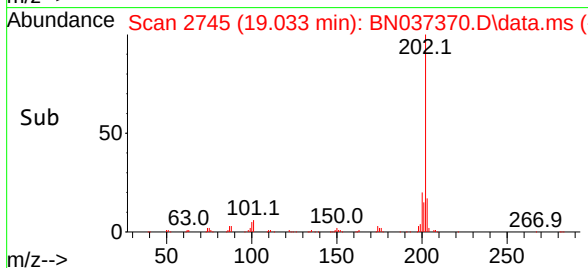


Tgt Ion: 202 Resp: 113209

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.3	7.9
100	5.2	4.0	6.0

Manual Integrations
 APPROVED

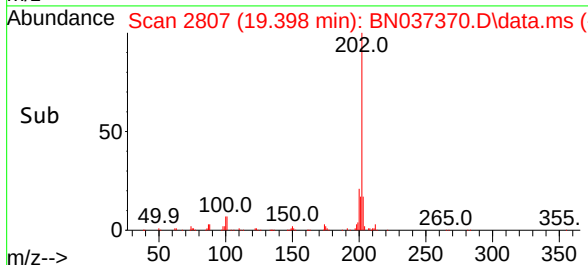
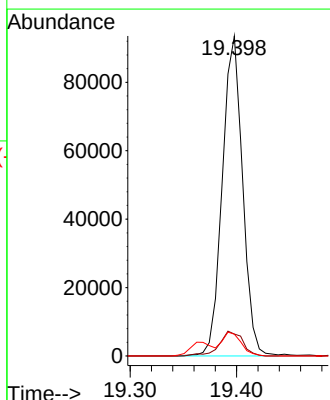
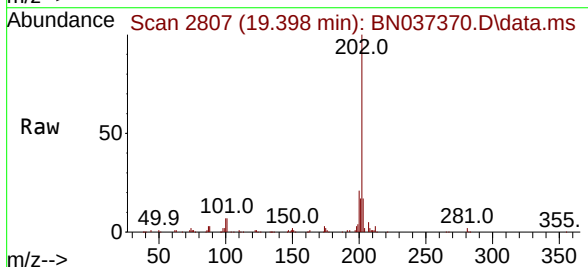
Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

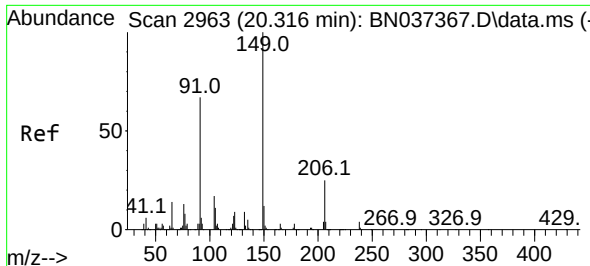


#82
 Pyrene
 Concen: 5.065 ng/ul
 RT: 19.398 min Scan# 2807
 Delta R.T. -0.000 min
 Lab File: BN037370.D
 Acq: 24 Jun 2025 13:08

Tgt Ion: 202 Resp: 123524

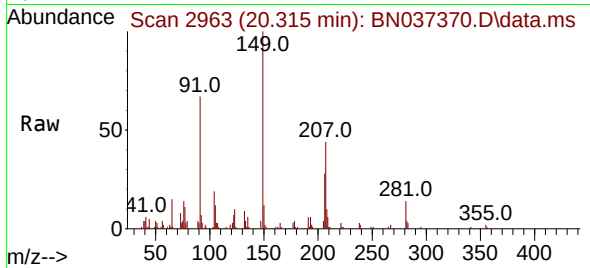
Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.5	8.3
100	6.8	5.1	7.7





#83
Butylbenzylphthalate
Concen: 3.894 ng/ul
RT: 20.315 min Scan# 2963
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

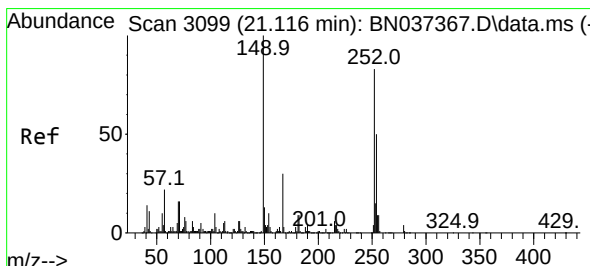
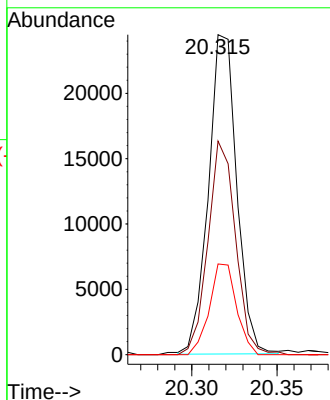
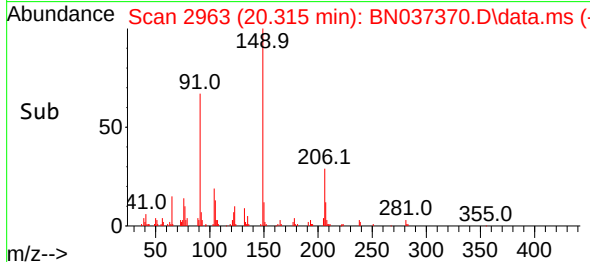
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2025-03



Tgt Ion:149 Resp: 28312
Ion Ratio Lower Upper
149 100
91 66.8 55.8 83.6
206 28.4 19.0 28.6

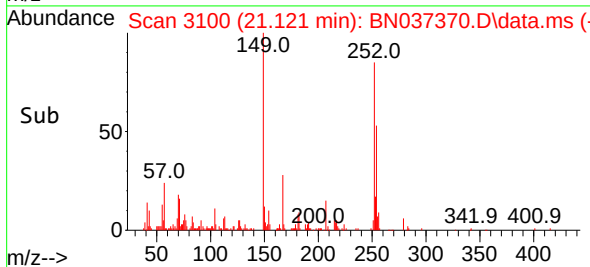
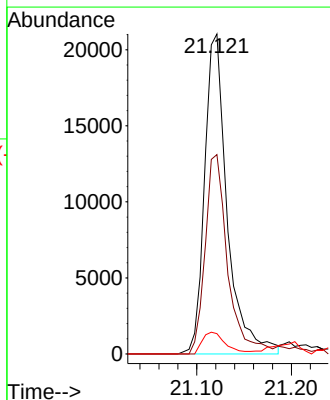
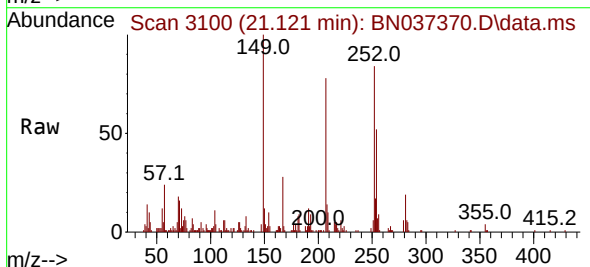
Manual Integrations
APPROVED

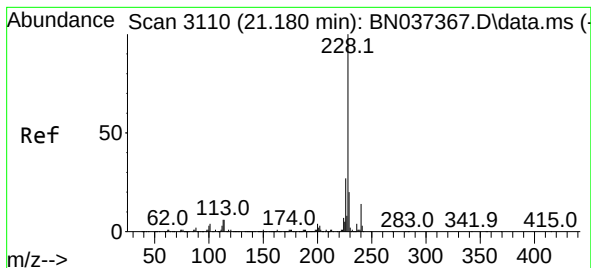
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025



#84
3,3'-Dichlorobenzidine
Concen: 4.613 ng/ul
RT: 21.121 min Scan# 3100
Delta R.T. 0.005 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

Tgt Ion:252 Resp: 34906
Ion Ratio Lower Upper
252 100
254 62.3 54.7 82.1
126 6.4 5.9 8.9





#85

Benzo(a)anthracene

Concen: 4.398 ng/ul

RT: 21.186 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BN037370.D

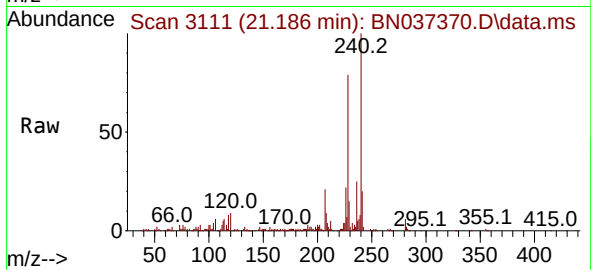
Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03



Tgt Ion:228 Resp: 110278

Ion Ratio Lower Upper

228 100

229 18.7 16.3 24.5

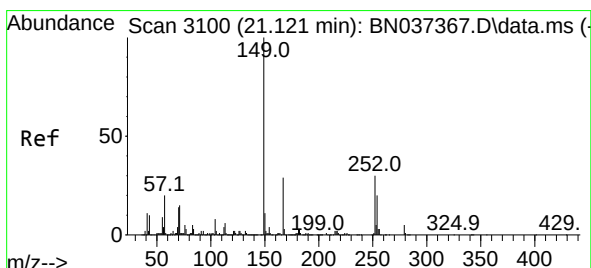
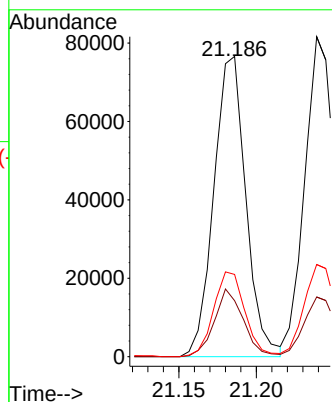
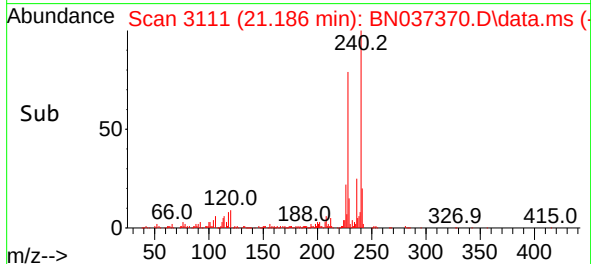
226 27.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.698 ng/ul

RT: 21.127 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

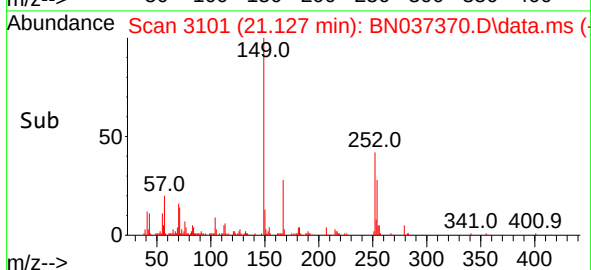
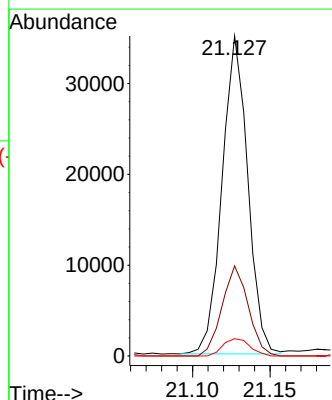
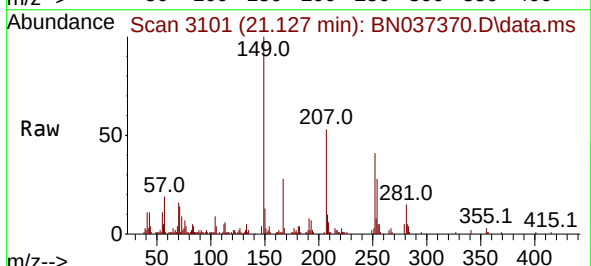
Tgt Ion:149 Resp: 40256

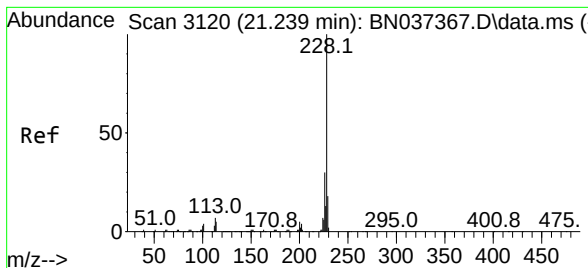
Ion Ratio Lower Upper

149 100

167 28.2 23.7 35.5

279 5.4 4.5 6.7





#87

Chrysene

Concen: 4.809 ng/ul

RT: 21.239 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03

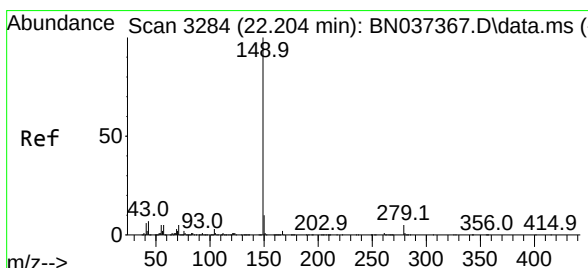
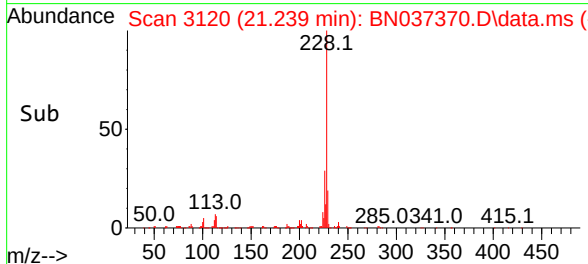
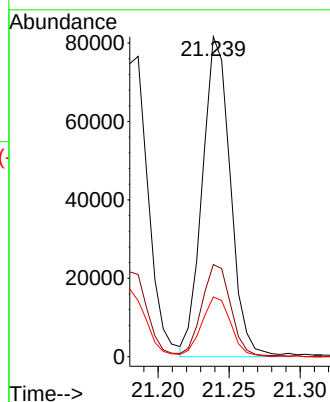
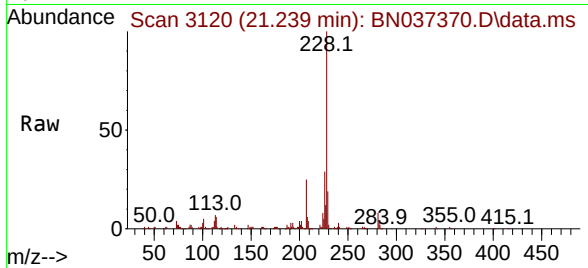
Tgt Ion:228 Resp: 111972
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.4 35.2
 229 18.7 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#89

Di-n-octyl phthalate

Concen: 3.066 ng/ul

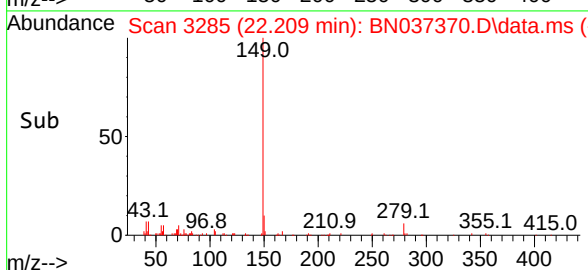
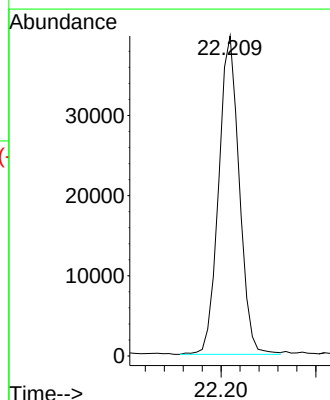
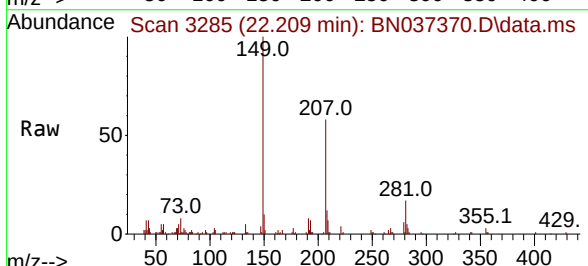
RT: 22.209 min Scan# 3285

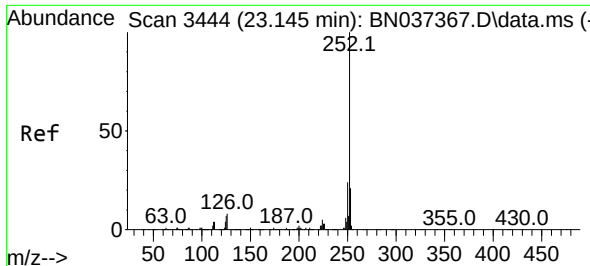
Delta R.T. -0.000 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

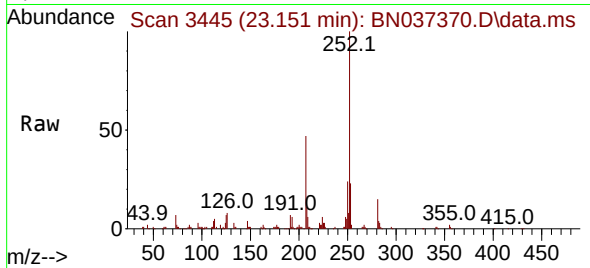
Tgt Ion:149 Resp: 60076





#90
Benzo(b)fluoranthene
Concen: 4.073 ng/ul
RT: 23.151 min Scan# 3444
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08

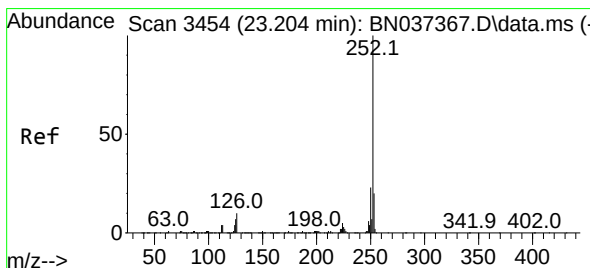
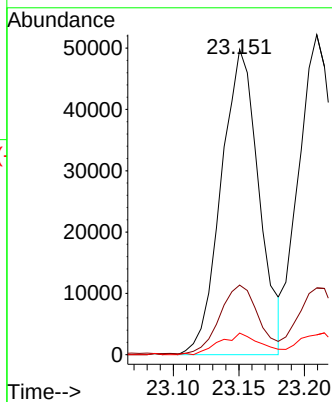
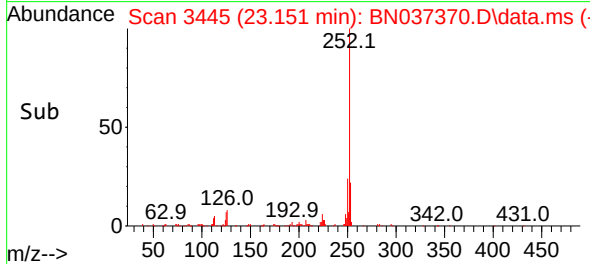
Instrument : BNA_N
ClientSampleId :
MDL-SOIL-QT2-2025-03



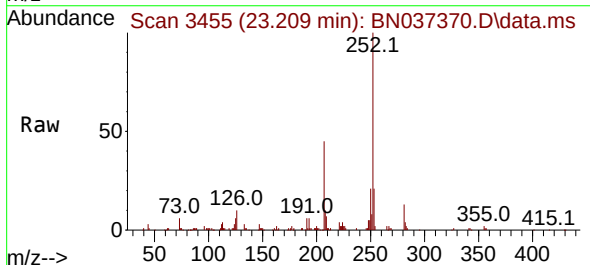
Tgt Ion:252 Resp: 9993
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 7.1 5.1 7.7

Manual Integrations
APPROVED

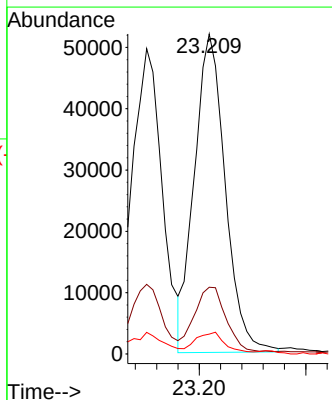
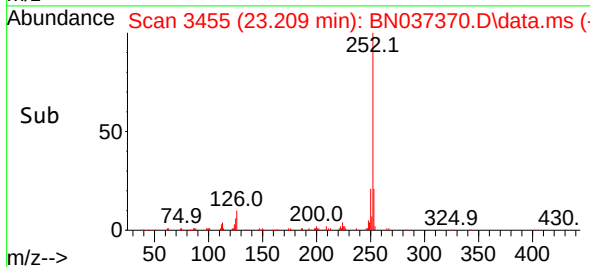
Reviewed By :Rahul Chavli 06/25/2025
Supervised By :Jagrut Upadhyay 06/25/2025

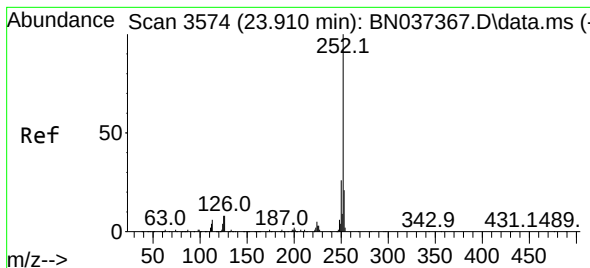


#91
Benzo(k)fluoranthene
Concen: 4.174 ng/ul
RT: 23.209 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BN037370.D
Acq: 24 Jun 2025 13:08



Tgt Ion:252 Resp: 104568
Ion Ratio Lower Upper
252 100
253 20.8 16.2 24.2
125 6.2 4.7 7.1





#93

Benzo(a)pyrene

Concen: 4.198 ng/ul

RT: 23.909 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN037370.D

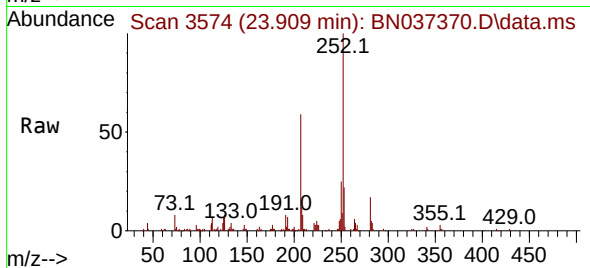
Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03



Tgt Ion:252 Resp: 9677

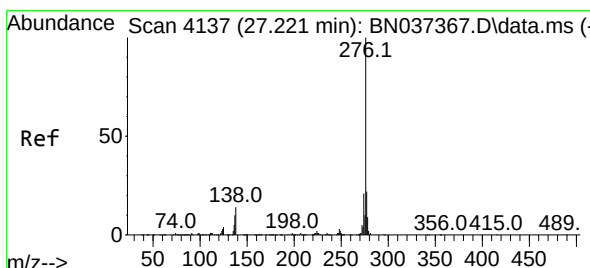
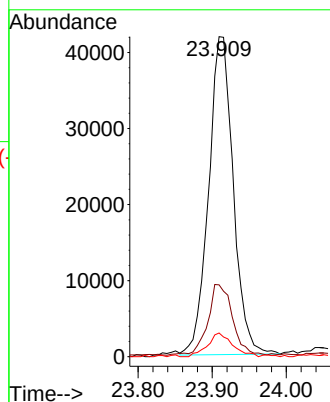
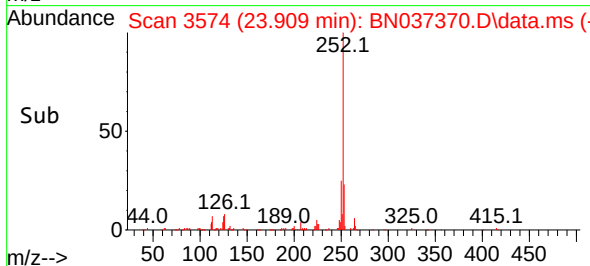
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	7.4	5.3	7.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.932 ng/ul

RT: 27.215 min Scan# 4136

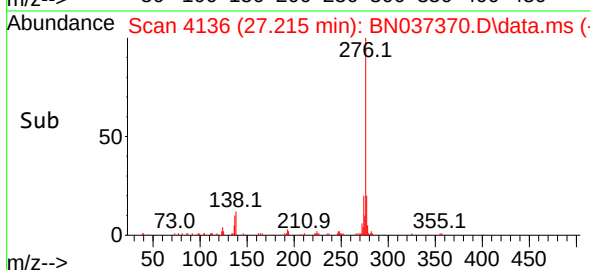
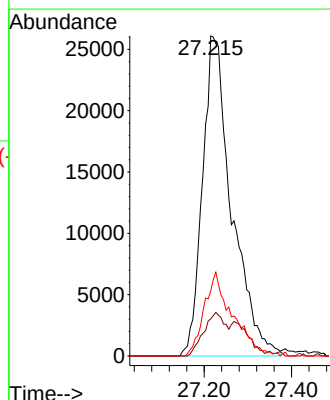
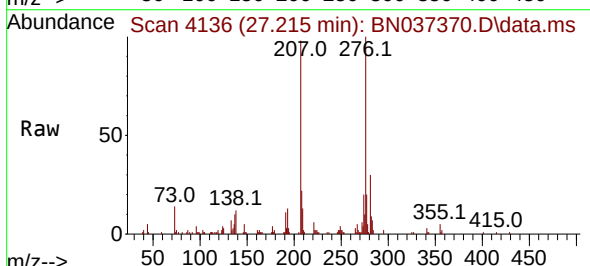
Delta R.T. -0.012 min

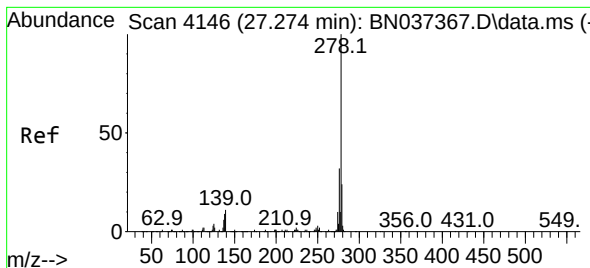
Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Tgt Ion:276 Resp: 121417

Ion	Ratio	Lower	Upper
276	100		
138	11.6	10.1	15.1
277	20.3	18.6	27.8





#95

Dibenzo(a,h)anthracene

Concen: 3.713 ng/ul

RT: 27.286 min Scan# 4146

Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2025-03

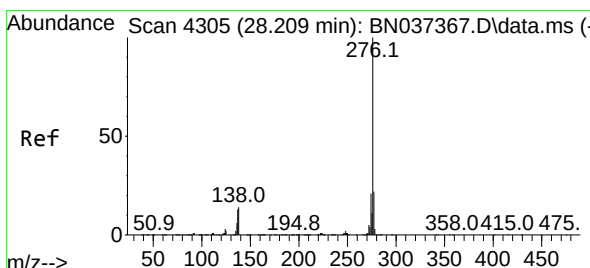
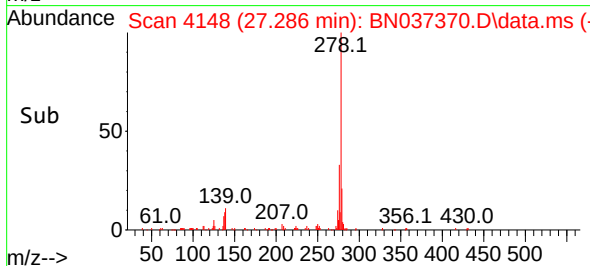
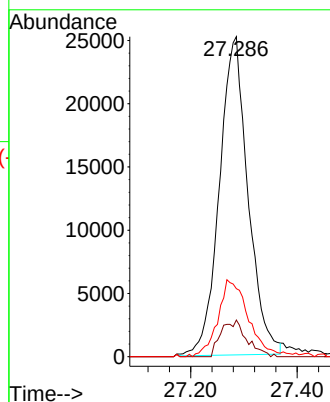
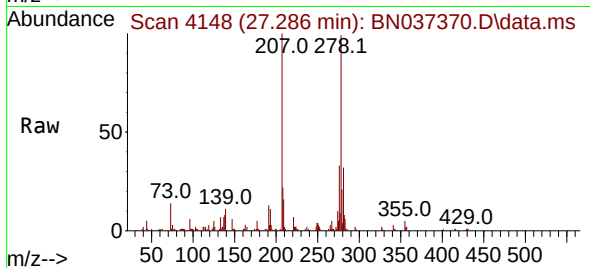
Tgt Ion:	278	Resp:	9386
Ion Ratio	Lower	Upper	
278	100		
139	11.5	7.8	11.8
279	21.2	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/25/2025

Supervised By :Jagrut Upadhyay 06/25/2025



#96

Benzo(g,h,i)perylene

Concen: 3.921 ng/ul

RT: 28.221 min Scan# 4307

Delta R.T. -0.006 min

Lab File: BN037370.D

Acq: 24 Jun 2025 13:08

Tgt Ion:	276	Resp:	99624
Ion Ratio	Lower	Upper	
276	100		
138	13.9	10.6	16.0
277	22.7	17.4	26.0

