

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
 Data File : BN037727.D
 Acq On : 16 Sep 2025 11:31
 Operator : RC/JU
 Sample : Q2899-04
 Misc : MDL-SOIL 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2025-06

Quant Time: Sep 16 12:16:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 15:43:05 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	231787	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	872018	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	486322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	855031	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	804969	20.000	ng/u1	0.00
88) Perylene-d12	24.574	264	888415	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	21357	3.903	ng/uL	0.00
4) Pyridine-d5	3.669	84	224464	14.751	ng/u1	0.00
7) Phenol-d5	6.981	99	231342	13.378	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	154662	14.505	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	205918	14.429	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	187609	13.782	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	91861	13.968	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	70897	13.177	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	167436	13.628	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	265414	14.241	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	462475	14.242	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	597178	14.718	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	66939	11.000	ng/u1	0.00
60) Fluorene-d10	15.486	176	416676	14.347	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	30791	7.988	ng/u1	0.00
73) Anthracene-d10	17.339	188	590699	13.895	ng/u1	0.00
81) Pyrene-d10	19.627	212	631402	15.005	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.362	264	640017	14.268	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	9605	1.649	ng/uL	97
5) Pyridine	3.693	79	68840	4.378	ng/u1	95
6) Benzaldehyde	6.963	77	48839	6.028	ng/u1	96
8) Phenol	7.010	94	76026	4.224	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.252	93	62657	4.366	ng/u1	98
12) 2-Chlorophenol	7.393	128	64489	4.321	ng/u1	96
13) 2-Methylphenol	8.269	108	51420	3.875	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	82003	4.149	ng/u1	98
16) Acetophenone	8.652	105	94689	4.367	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.640	70	40557	4.104	ng/u1	97
18) 4-Methylphenol	8.599	108	58846	4.111	ng/u1	96
19) Hexachloroethane	8.928	117	28097	4.421	ng/u1	97
22) Nitrobenzene	9.028	77	67097	4.459	ng/u1	98
23) Isophorone	9.563	82	103808	3.976	ng/u1	98
25) 2-Nitrophenol	9.746	139	25581	4.031	ng/u1	95
26) 2,4-Dimethylphenol	9.810	107	55548	3.836	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.051	93	75530	4.340	ng/u1	97
29) 2,4-Dichlorophenol	10.281	162	54006	4.307	ng/u1	99
30) Naphthalene	10.693	128	210204	4.513	ng/u1	98
32) 4-Chloroaniline	10.793	127	80984	4.346	ng/u1	99
33) Hexachlorobutadiene	10.993	225	39903	4.564	ng/u1	94
34) Caprolactam	11.551	113	15436m	4.156	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	43359	3.672	ng/u1	98
36) 2-Methylnaphthalene	12.310	142	131151	4.282	ng/u1	97

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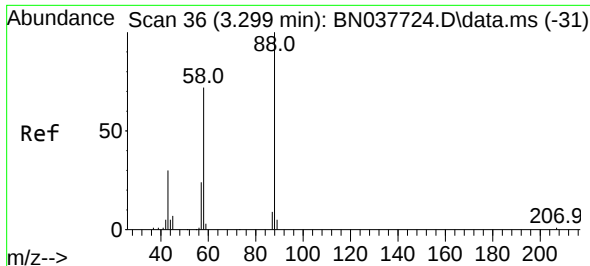
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Manual Integrations
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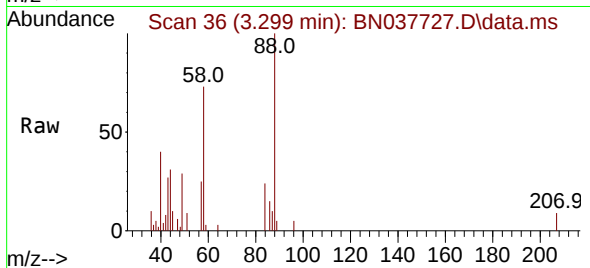
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	129657	4.281	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	66931	4.412	ng/ul	97
40) Hexachlorocyclopentadiene	12.669	237	41592	4.277	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	28411	3.462	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	33896	3.560	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	168213	4.491	ng/ul	97
44) 2-Chloronaphthalene	13.363	162	131674	4.466	ng/ul	98
45) 2-Nitroaniline	13.557	65	22351	3.329	ng/ul	98
47) Dimethylphthalate	13.945	163	140436	4.325	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	19607	3.377	ng/ul	98
50) Acenaphthylene	14.216	152	213853	4.542	ng/ul	100
51) 3-Nitroaniline	14.381	138	21245	3.415	ng/ul#	93
52) Acenaphthene	14.557	153	135961	4.437	ng/ul	95
53) 2,4-Dinitrophenol	14.587	184	9592	3.909	ng/ul	96
55) 4-Nitrophenol	14.681	109	22464	4.847	ng/ul	91
56) Dibenzofuran	14.892	168	184787	4.420	ng/ul	97
57) 2,4-Dinitrotoluene	14.839	165	29046	3.494	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	22863	3.433	ng/ul	95
59) Diethylphthalate	15.316	149	124113	4.023	ng/ul	97
61) Fluorene	15.539	166	147195	4.344	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.539	204	71388	4.379	ng/ul	96
63) 4-Nitroaniline	15.539	138	21773	3.719	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.604	198	11296	2.623	ng/ul#	85
67) N-Nitrosodiphenylamine	15.751	169	113415	4.136	ng/ul	96
68) 4-Bromophenyl-phenylether	16.433	248	40543	4.216	ng/ul	91
69) Hexachlorobenzene	16.545	284	53462	4.543	ng/ul	97
70) Atrazine	16.698	200	38781	4.208	ng/ul	96
71) Pentachlorophenol	16.886	266	21027	3.255	ng/ul	92
72) Phenanthrene	17.281	178	217244	4.385	ng/ul	99
74) Anthracene	17.375	178	209854	4.177	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	66601	4.378	ng/uL	96
76) Pentachlorobenzene	14.816	250	64981	4.459	ng/uL	97
77) Carbazole	17.639	167	172694	3.880	ng/ul	98
78) Di-n-butylphthalate	18.222	149	152814	3.384	ng/ul	99
80) Fluoranthene	19.298	202	214072	4.360	ng/ul	99
82) Pyrene	19.657	202	238325	4.563	ng/ul	98
83) Butylbenzylphthalate	20.563	149	42760	2.900	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	57449	3.695	ng/ul	100
85) Benzo(a)anthracene	21.469	228	216670	4.197	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	62304	2.803	ng/ul	99
87) Chrysene	21.533	228	217149	4.399	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	88049	2.104	ng/ul	100
90) Benzo(b)fluoranthene	23.598	252	204175	3.893	ng/ul	99
91) Benzo(k)fluoranthene	23.663	252	205967	3.892	ng/ul	99
93) Benzo(a)pyrene	24.427	252	199275	3.964	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.062	276	245467m	3.732	ng/ul	
95) Dibenzo(a,h)anthracene	28.127	278	204531	3.762	ng/ul	97
96) Benzo(g,h,i)perylene	29.145	276	203868	3.782	ng/ul	100

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



#2
1,4-Dioxane
Concen: 1.649 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

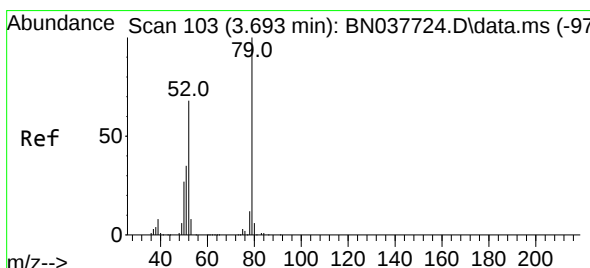
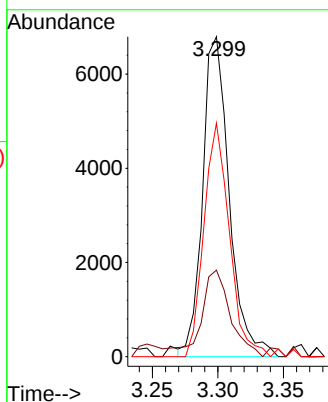
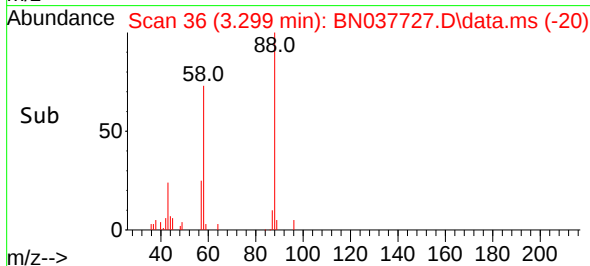
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



Tgt Ion: 88 Resp: 960
Ion Ratio Lower Upper
88 100
43 27.1 23.0 34.6
58 73.0 60.3 90.5

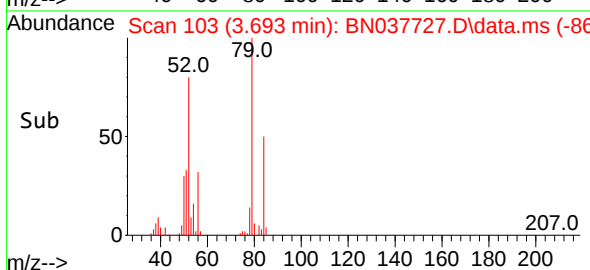
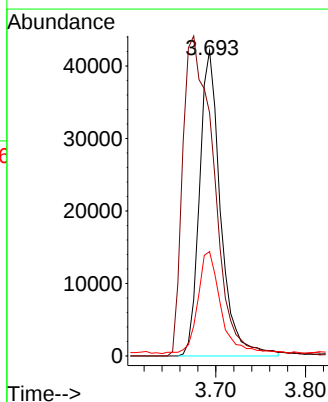
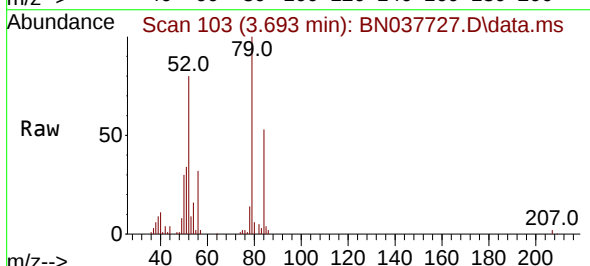
Manual Integrations
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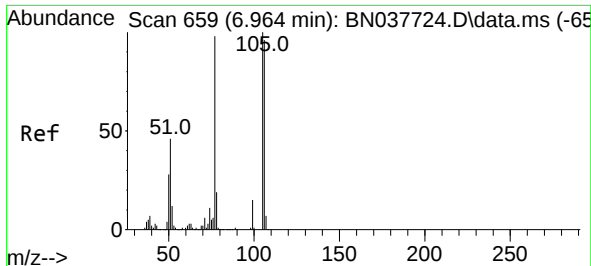
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#5
Pyridine
Concen: 4.378 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

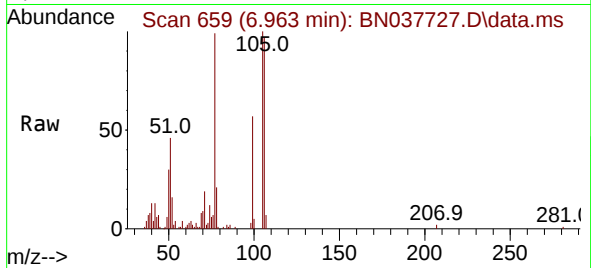
Tgt Ion: 79 Resp: 68840
Ion Ratio Lower Upper
79 100
52 79.7 59.8 89.8
51 34.2 29.2 43.8





#6
Benzaldehyde
Concen: 6.028 ng/ul
RT: 6.963 min Scan# 659
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

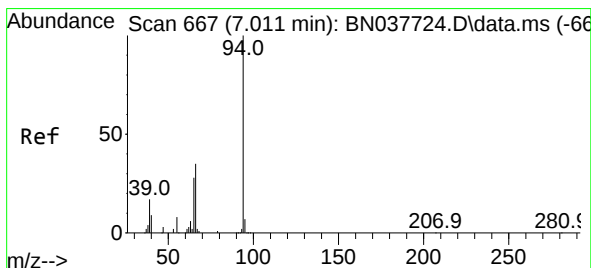
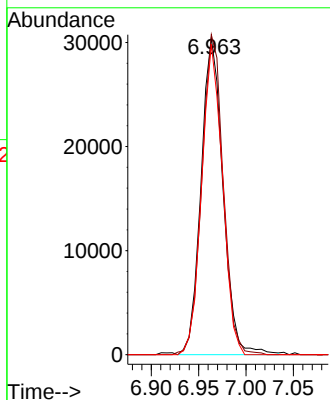
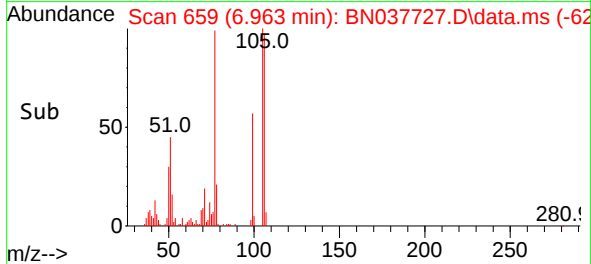
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



Tgt Ion: 77 Resp: 48839
Ion Ratio Lower Upper
77 100
105 101.0 77.5 116.3
106 98.0 75.0 112.4

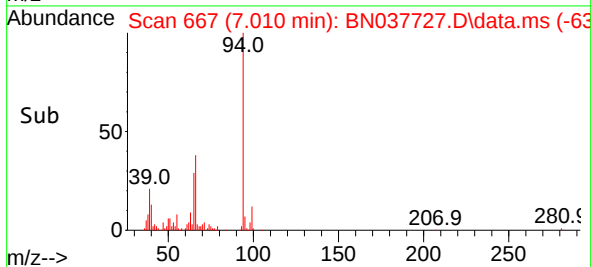
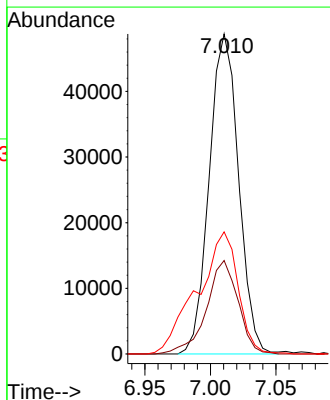
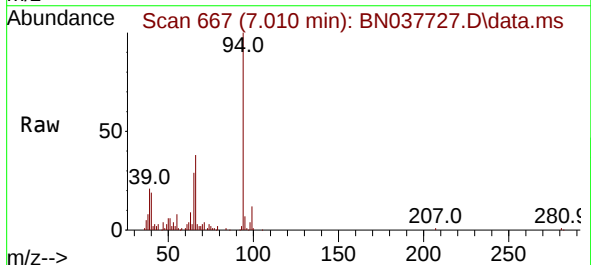
Manual Integrations
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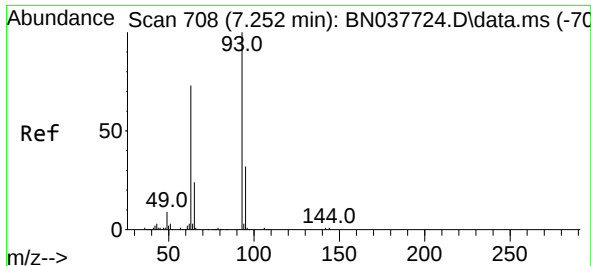
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Supervised By :Jagrut Upadhyay 09/17/2025



#8
Phenol
Concen: 4.224 ng/ul
RT: 7.010 min Scan# 667
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

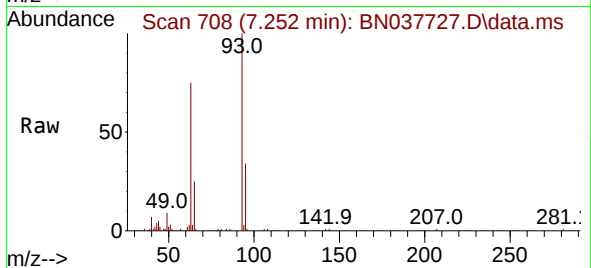
Tgt Ion: 94 Resp: 76026
Ion Ratio Lower Upper
94 100
65 29.2 22.1 33.1
66 38.2 28.8 43.2





#10
Bis(2-Chloroethyl)ether
Concen: 4.366 ng/ul
RT: 7.252 min Scan# 708
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

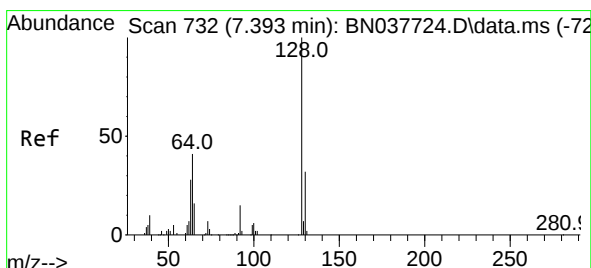
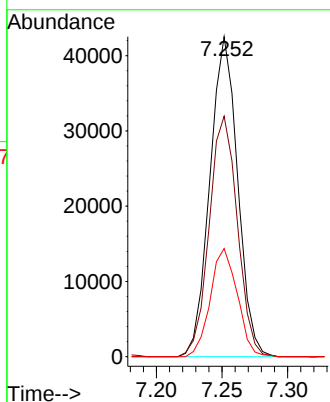
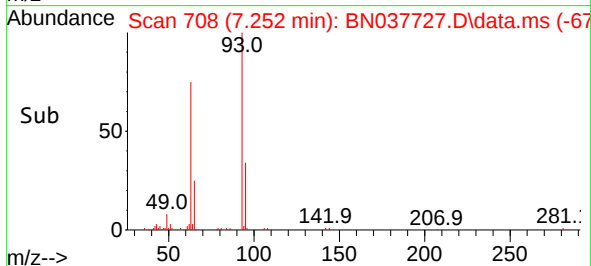
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



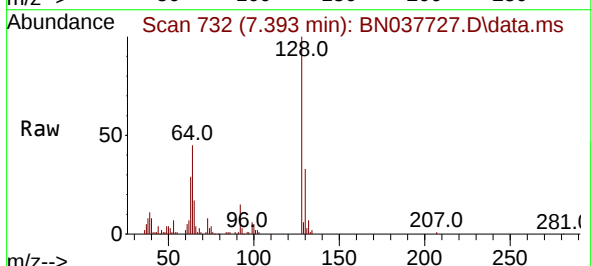
Tgt Ion: 93 Resp: 6265
Ion Ratio Lower Upper
93 100
63 75.1 59.7 89.5
95 33.8 25.1 37.7

Manual Integrations
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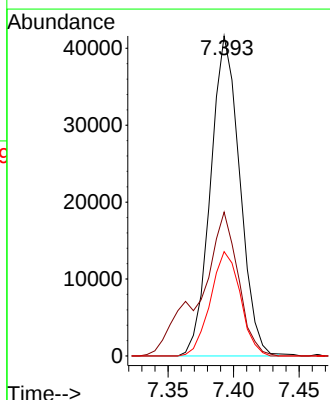
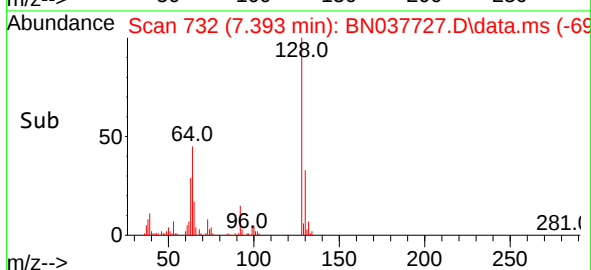
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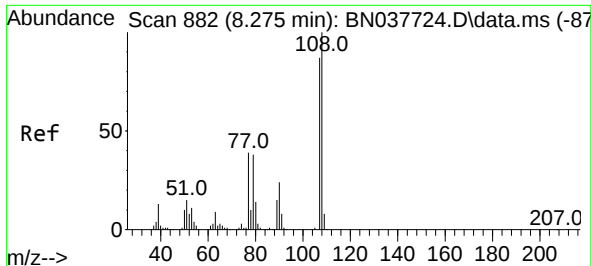


#12
2-Chlorophenol
Concen: 4.321 ng/ul
RT: 7.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



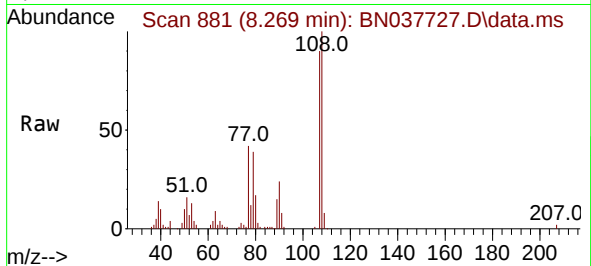
Tgt Ion:128 Resp: 64489
Ion Ratio Lower Upper
128 100
64 44.9 33.6 50.4
130 32.6 24.7 37.1





#13
2-Methylphenol
Concen: 3.875 ng/ul
RT: 8.269 min Scan# 882
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

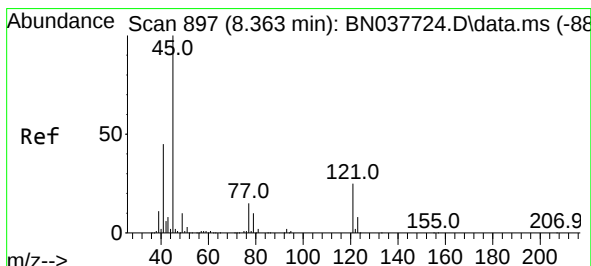
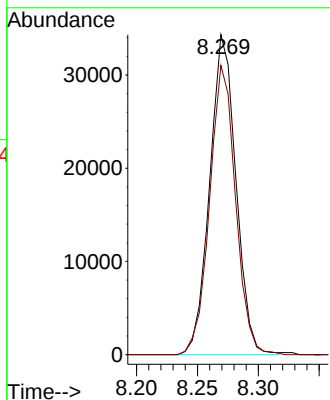
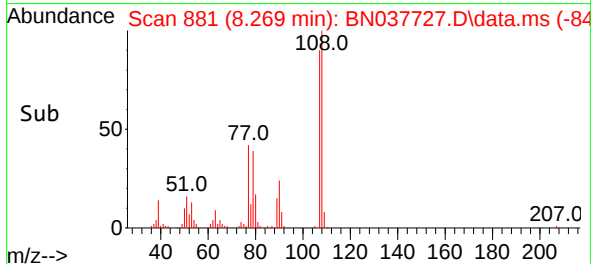
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Tgt Ion:108 Resp: 51420
Ion Ratio Lower Upper
108 100
107 90.4 69.4 104.2

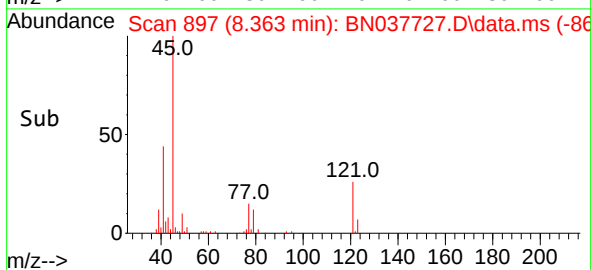
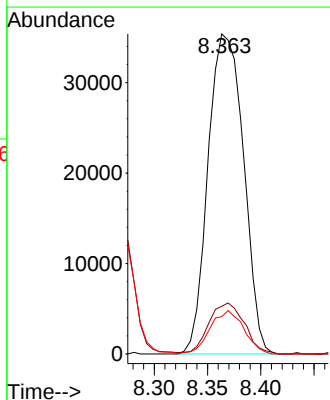
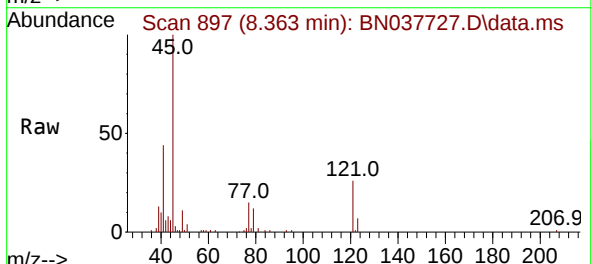
Manual Integrations
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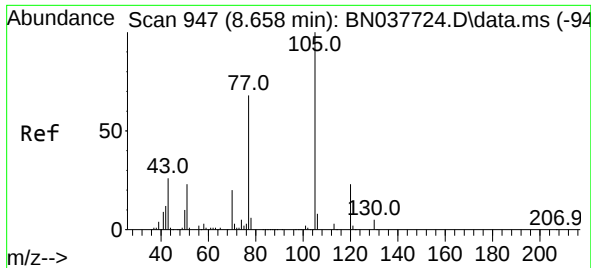
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.149 ng/ul
RT: 8.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

Tgt Ion: 45 Resp: 82003
Ion Ratio Lower Upper
45 100
77 14.9 11.6 17.4
79 11.6 8.3 12.5





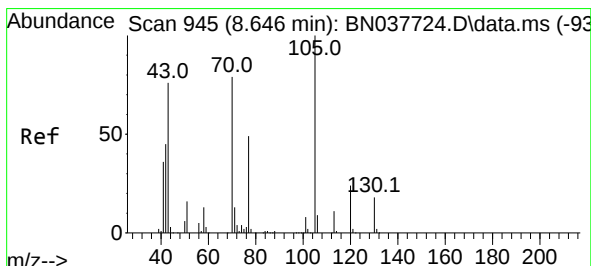
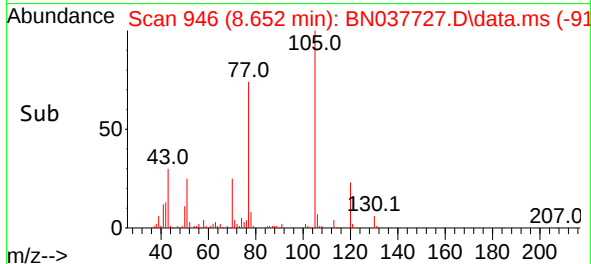
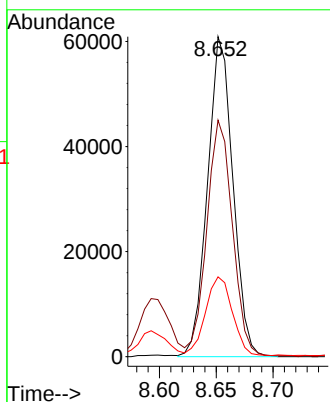
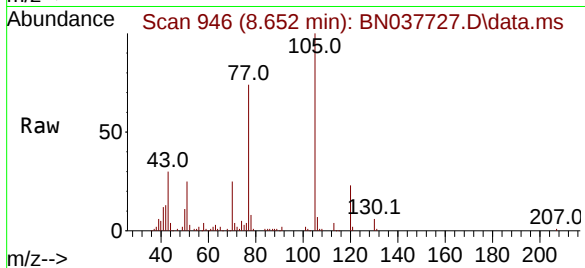
#16
Acetophenone
Concen: 4.367 ng/ul
RT: 8.652 min Scan# 946
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06

Tgt Ion:105 Resp: 94689
Ion Ratio Lower Upper
105 100
77 73.9 58.9 88.3
51 25.0 21.1 31.7

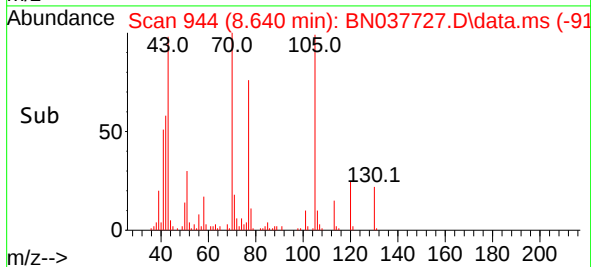
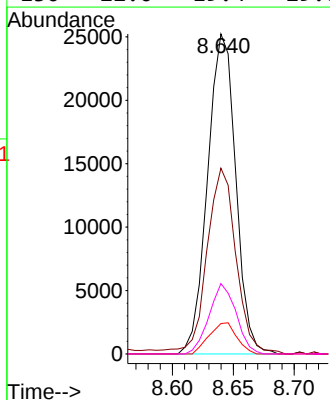
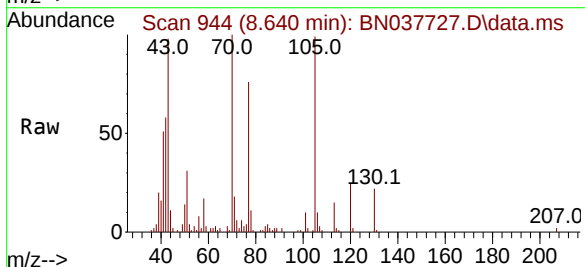
Manual Integrations
APPROVED

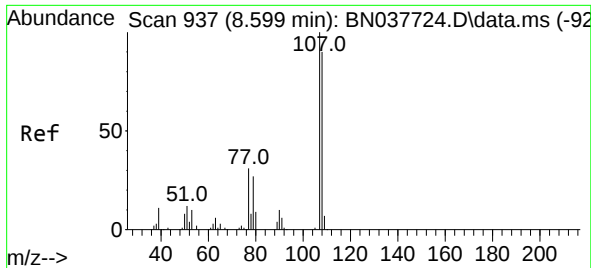
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#17
N-Nitroso-di-n-propylamine
Concen: 4.104 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

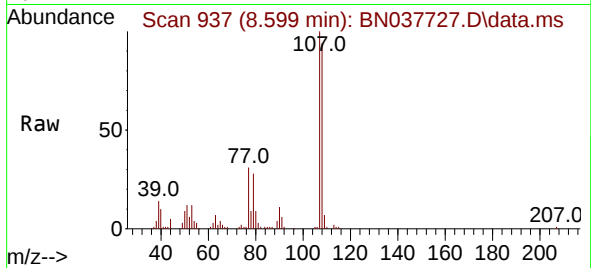
Tgt Ion: 70 Resp: 40557
Ion Ratio Lower Upper
70 100
42 58.1 47.8 71.8
101 9.5 7.9 11.9
130 22.0 19.4 29.0





#18
4-Methylphenol
Concen: 4.111 ng/ul
RT: 8.599 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

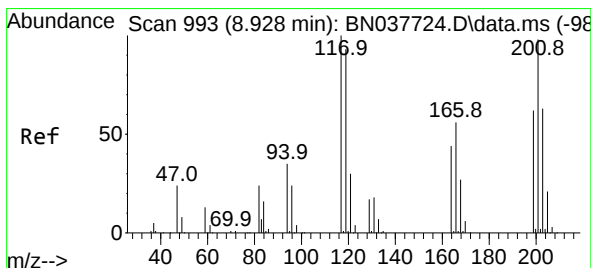
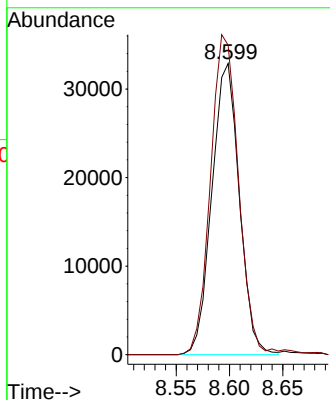
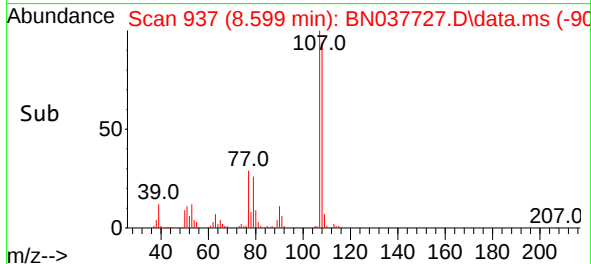
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



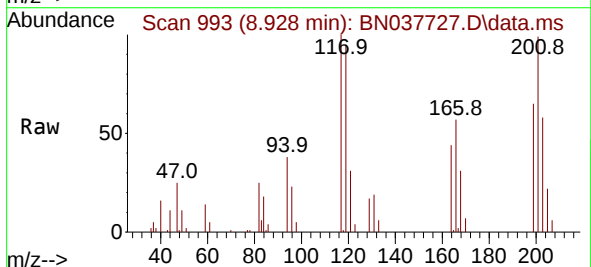
Tgt Ion:108 Resp: 58840
Ion Ratio Lower Upper
108 100
107 106.3 88.4 132.6

Manual Integrations
APPROVED

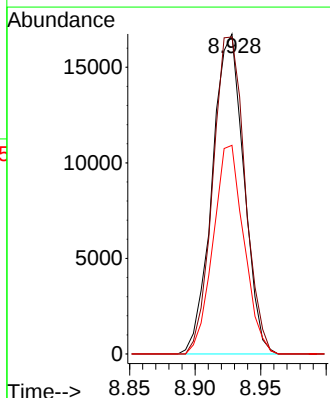
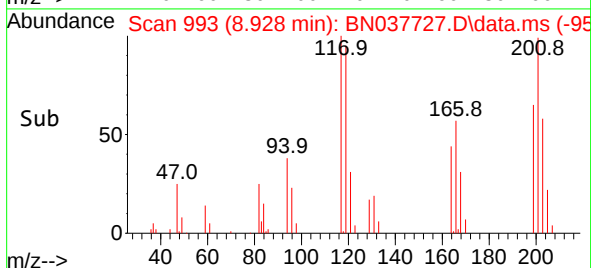
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

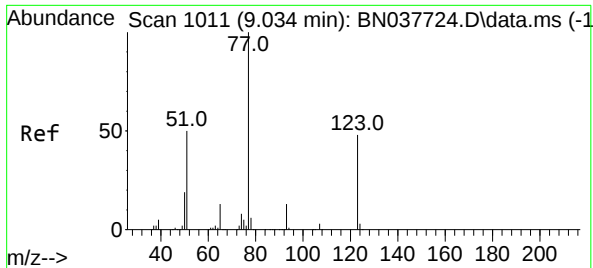


#19
Hexachloroethane
Concen: 4.421 ng/ul
RT: 8.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



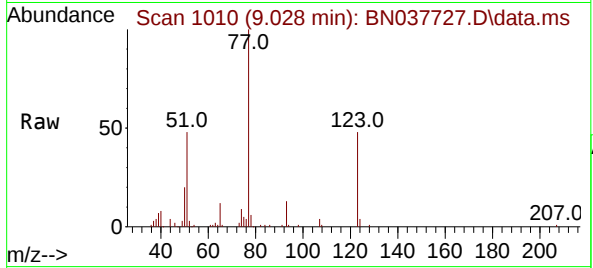
Tgt Ion:117 Resp: 28097
Ion Ratio Lower Upper
117 100
201 99.0 78.1 117.1
199 65.2 48.1 72.1





#22
Nitrobenzene
Concen: 4.459 ng/ul
RT: 9.028 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

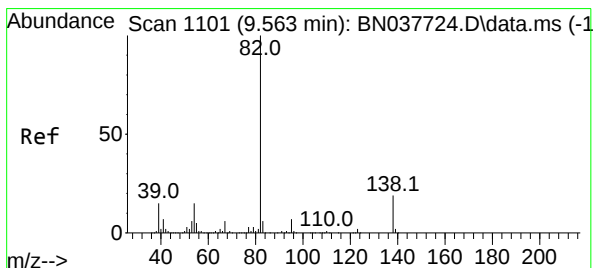
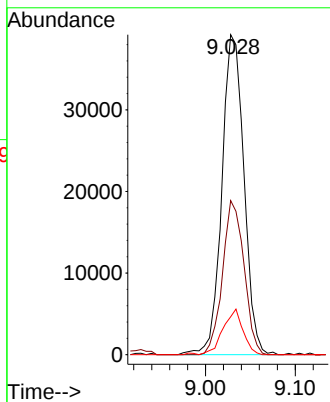
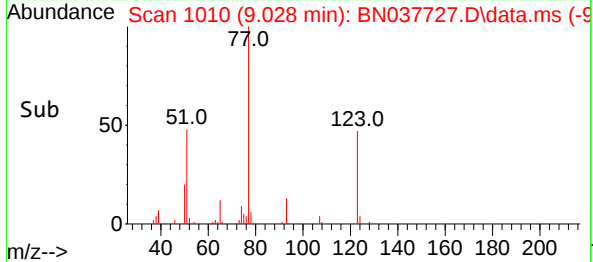
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



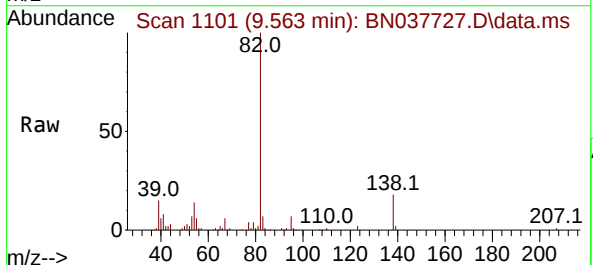
Tgt Ion: 77 Resp: 6709
Ion Ratio Lower Upper
77 100
123 48.2 37.5 56.3
65 11.9 10.5 15.7

Manual Integrations
APPROVED

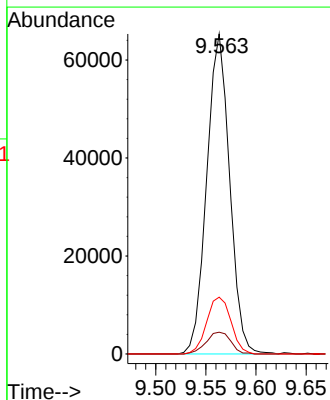
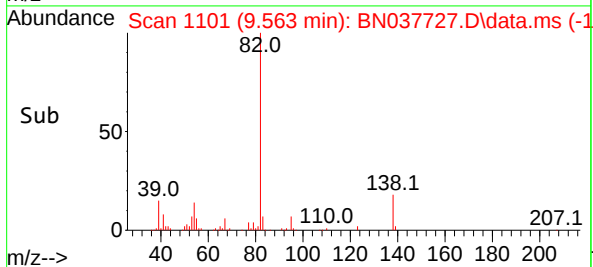
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

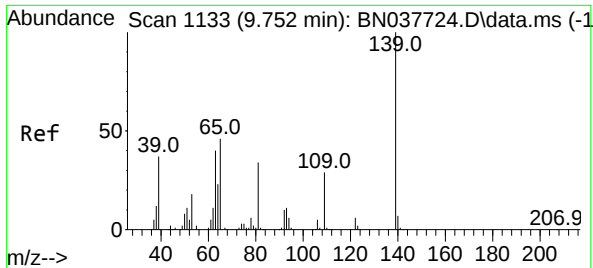


#23
Isophorone
Concen: 3.976 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



Tgt Ion: 82 Resp: 103808
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.8 15.0 22.6





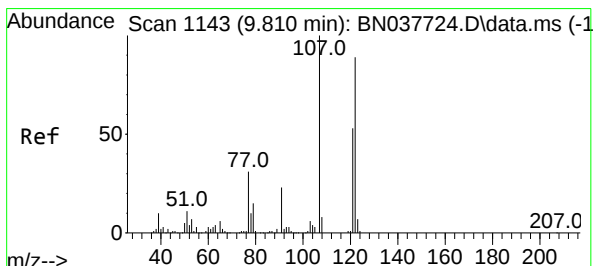
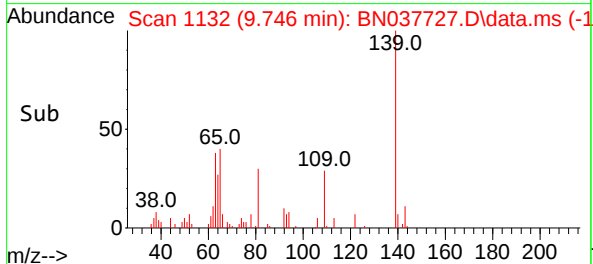
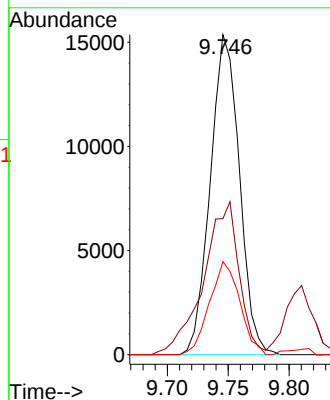
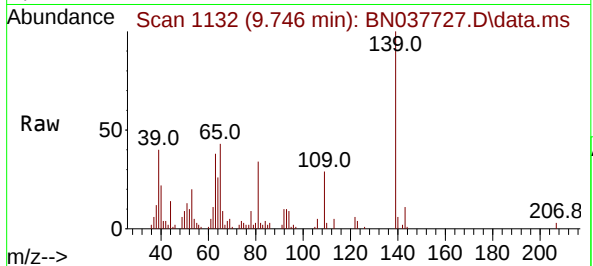
#25
2-Nitrophenol
Concen: 4.031 ng/ul
RT: 9.746 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06

Tgt Ion	Ratio	Lower	Upper
139	100		
65	42.5	37.9	56.9
109	29.1	23.0	34.4

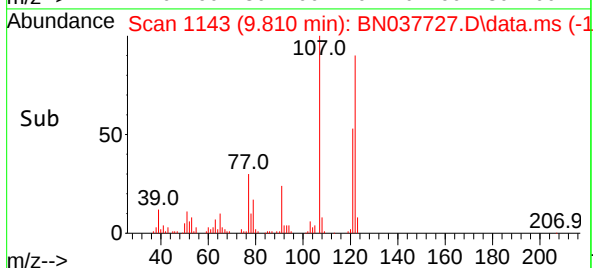
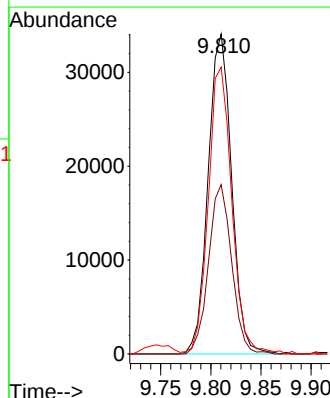
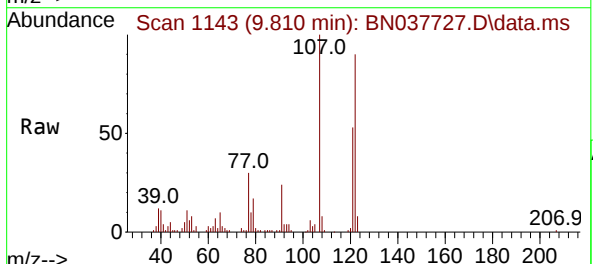
Manual Integrations
APPROVED

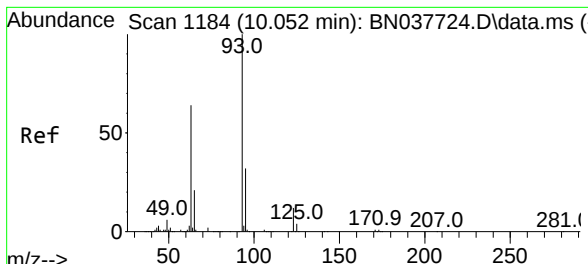
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#26
2,4-Dimethylphenol
Concen: 3.836 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

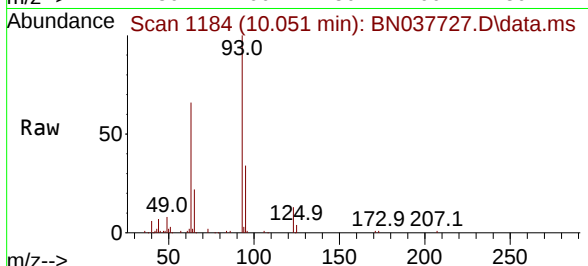
Tgt Ion	Ratio	Lower	Upper
107	100		
121	52.9	41.4	62.2
122	89.6	69.9	104.9





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.340 ng/ul
 RT: 10.051 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: BN037727.D
 Acq: 16 Sep 2025 11:31

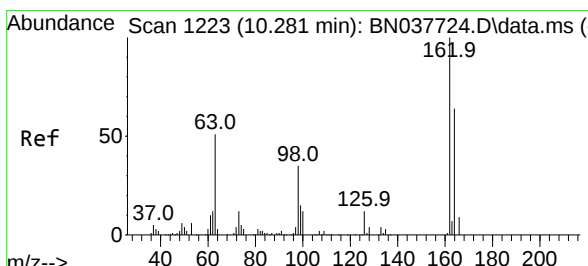
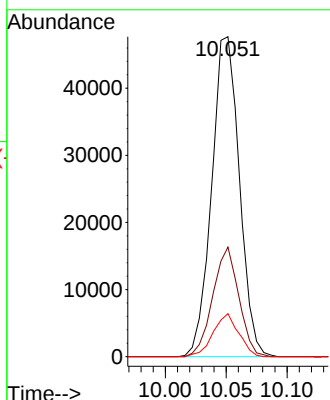
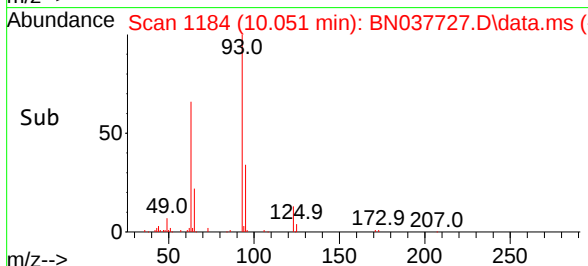
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2025-06



Tgt Ion: 93 Resp: 75530
 Ion Ratio Lower Upper
 93 100
 95 34.3 26.0 39.0
 123 13.5 9.5 14.3

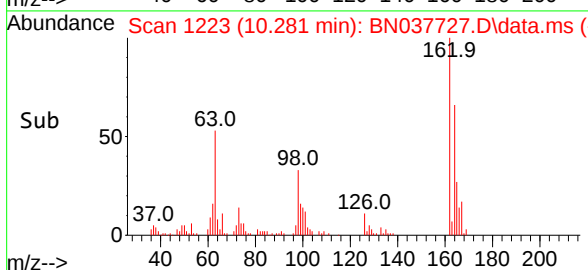
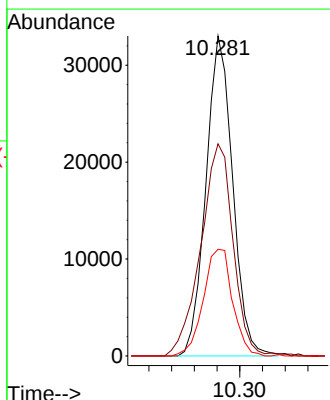
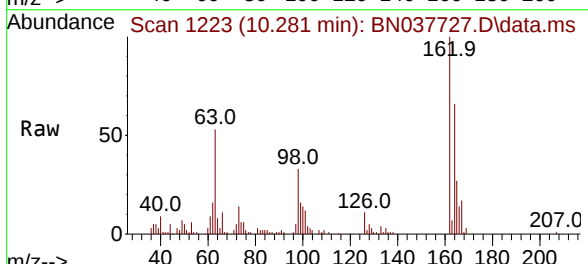
Manual Integrations
 APPROVED

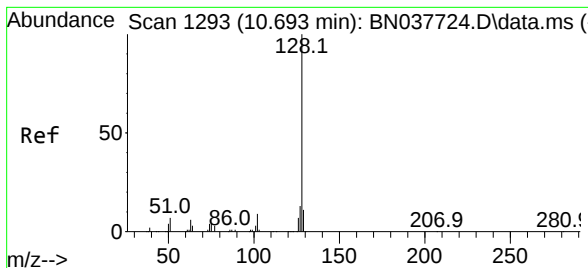
Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025



#29
 2,4-Dichlorophenol
 Concen: 4.307 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. -0.006 min
 Lab File: BN037727.D
 Acq: 16 Sep 2025 11:31

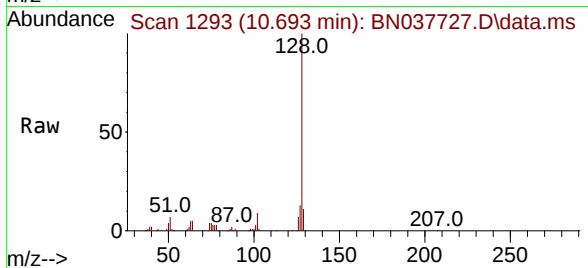
Tgt Ion:162 Resp: 54006
 Ion Ratio Lower Upper
 162 100
 164 66.3 52.7 79.1
 98 33.3 26.3 39.5





#30
Naphthalene
Concen: 4.513 ng/ul
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

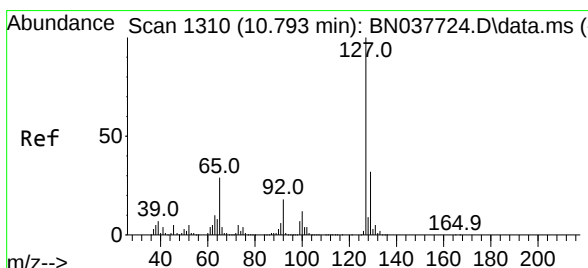
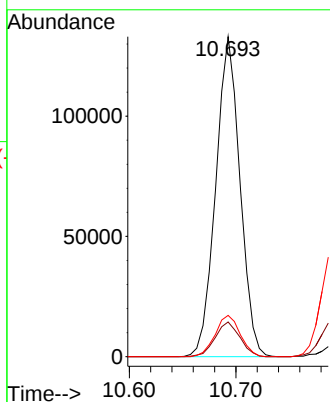
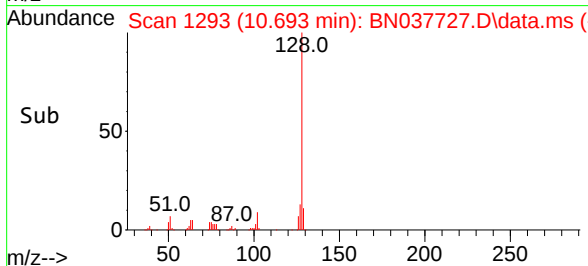
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



Tgt Ion:128 Resp: 210204
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 12.9 10.9 16.3

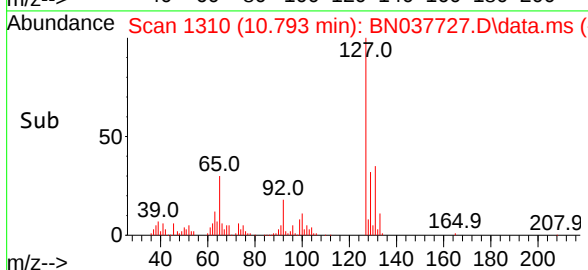
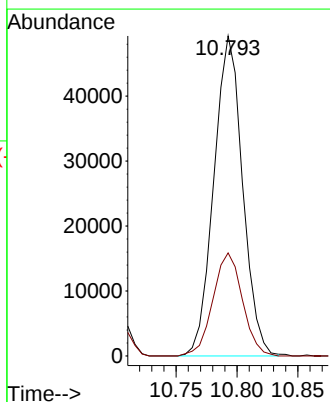
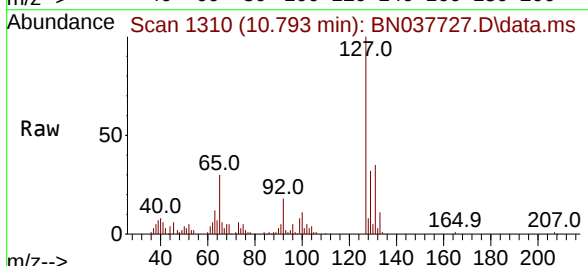
Manual Integrations
APPROVED

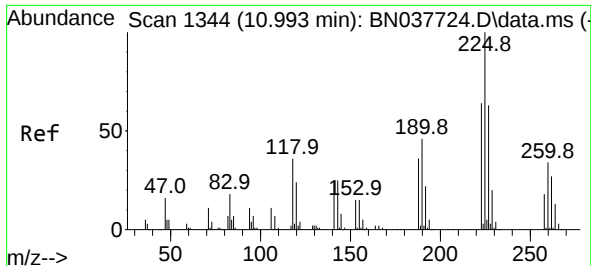
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#32
4-Chloroaniline
Concen: 4.346 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

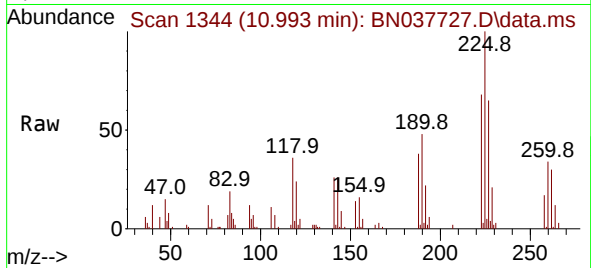
Tgt Ion:127 Resp: 80984
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.0





#33
Hexachlorobutadiene
Concen: 4.564 ng/ul
RT: 10.993 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

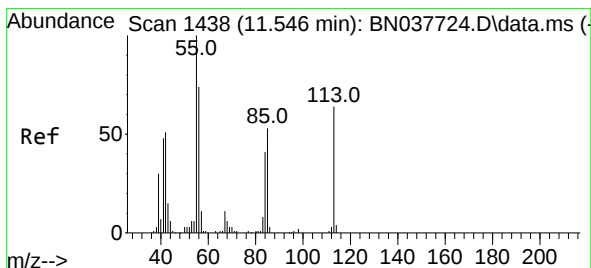
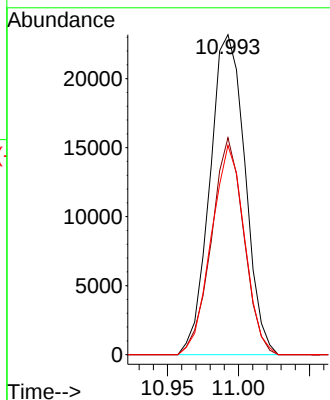
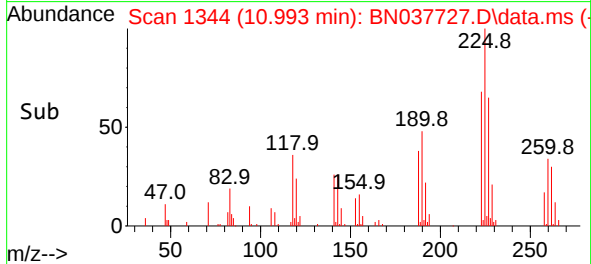
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



Tgt Ion:225 Resp: 3990
Ion Ratio Lower Upper
225 100
223 67.8 50.3 75.5
227 65.4 49.4 74.0

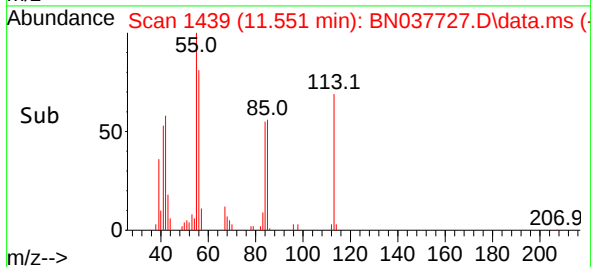
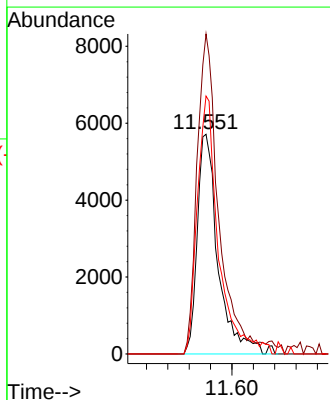
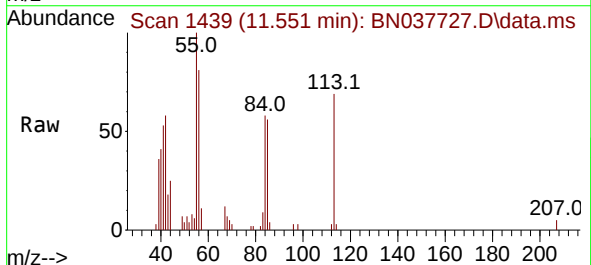
Manual Integrations
APPROVED

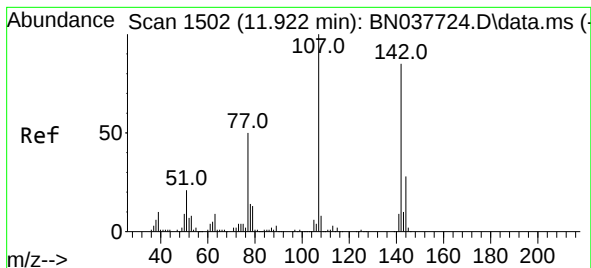
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#34
Caprolactam
Concen: 4.156 ng/ul m
RT: 11.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

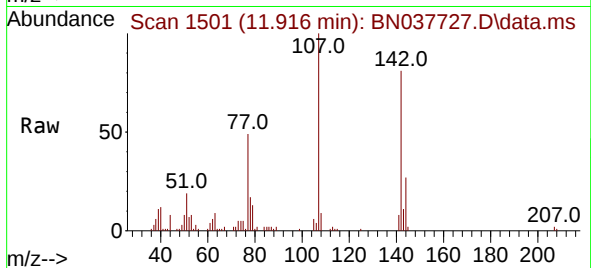
Tgt Ion:113 Resp: 15436
Ion Ratio Lower Upper
113 100
55 145.6 126.6 190.0
56 117.4 96.4 144.6





#35
4-Chloro-3-methylphenol
Concen: 3.672 ng/ul
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

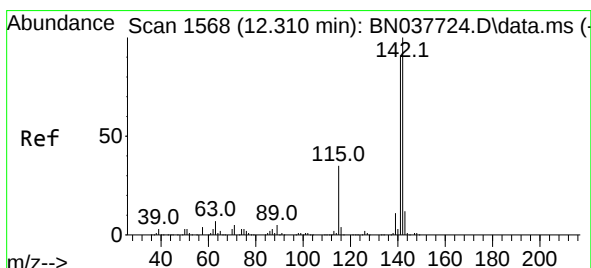
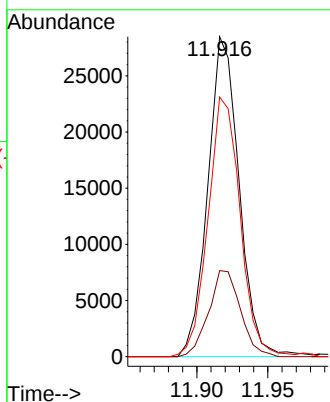
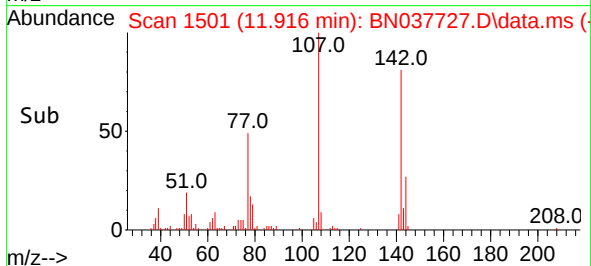
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



Tgt Ion:107 Resp: 43359
Ion Ratio Lower Upper
107 100
144 26.9 21.8 32.8
142 81.1 66.6 100.0

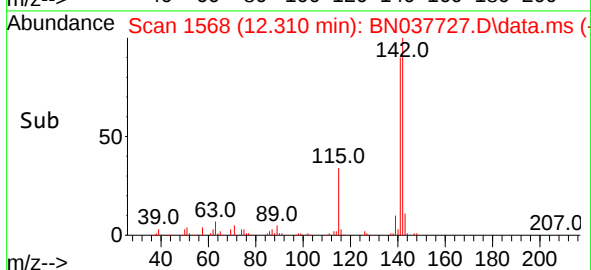
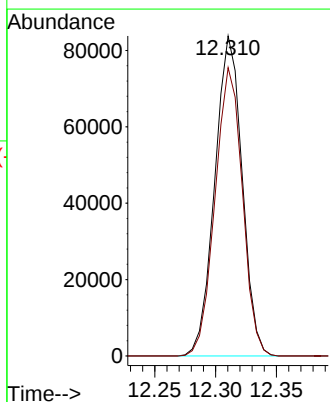
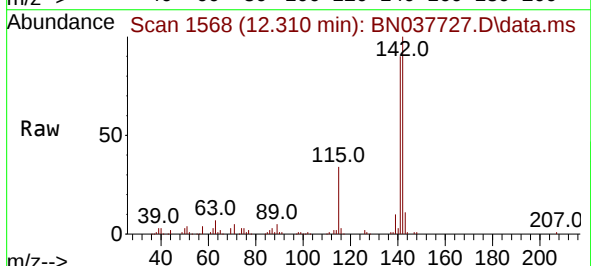
Manual Integrations
APPROVED

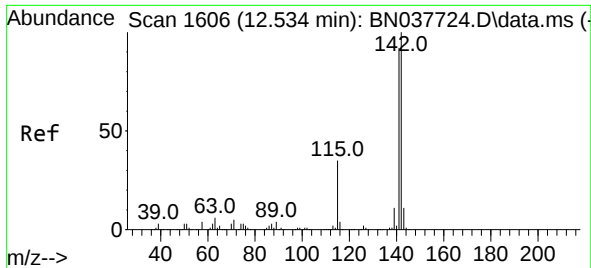
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#36
2-Methylnaphthalene
Concen: 4.282 ng/ul
RT: 12.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

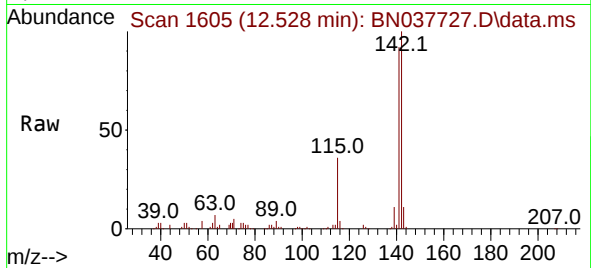
Tgt Ion:142 Resp: 131151
Ion Ratio Lower Upper
142 100
141 90.1 69.8 104.8





#37
1-Methylnaphthalene
Concen: 4.281 ng/ul
RT: 12.528 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

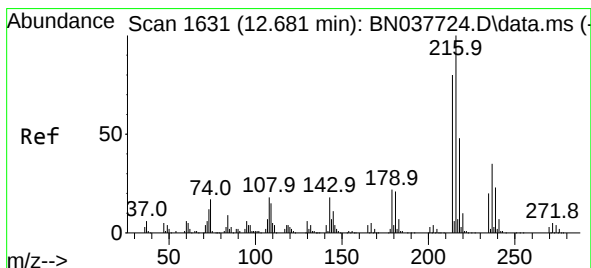
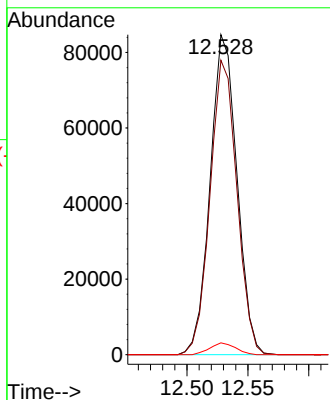
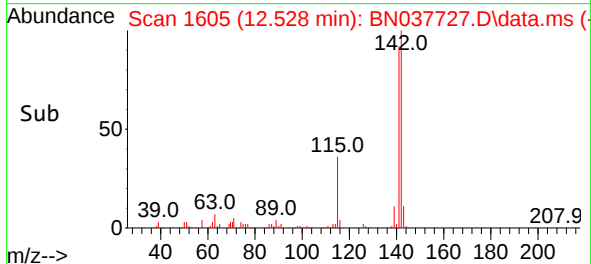
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



Tgt Ion:142 Resp: 12965
Ion Ratio Lower Upper
142 100
141 92.0 74.6 111.8
116 3.7 2.9 4.3

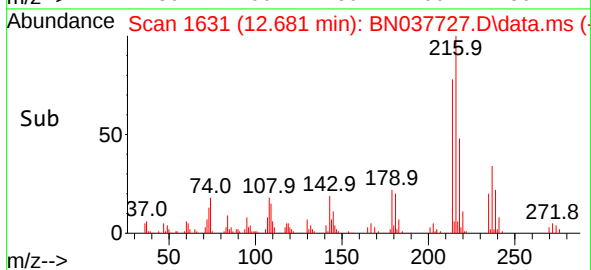
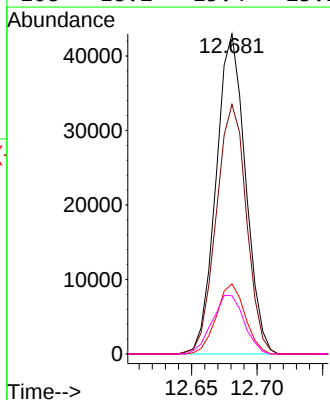
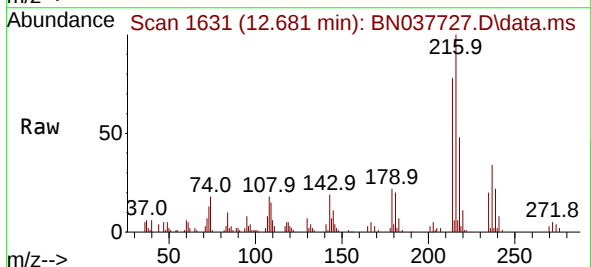
Manual Integrations
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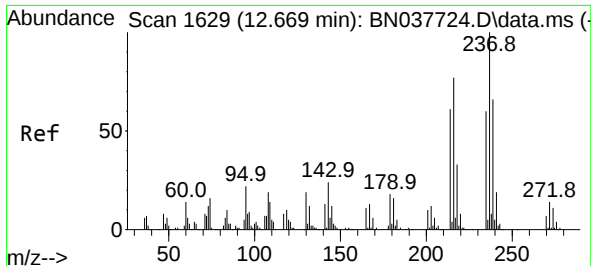
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.412 ng/ul
RT: 12.681 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

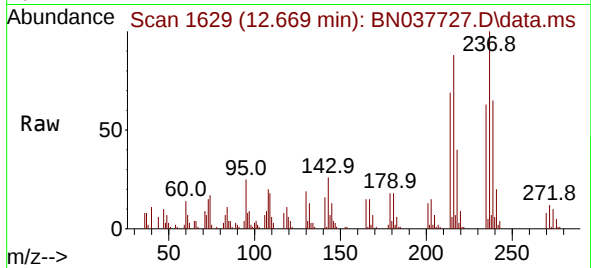
Tgt Ion:216 Resp: 66931
Ion Ratio Lower Upper
216 100
214 77.9 65.5 98.3
179 21.9 17.4 26.2
108 18.2 15.4 23.2





#40
Hexachlorocyclopentadiene
Concen: 4.277 ng/ul
RT: 12.669 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

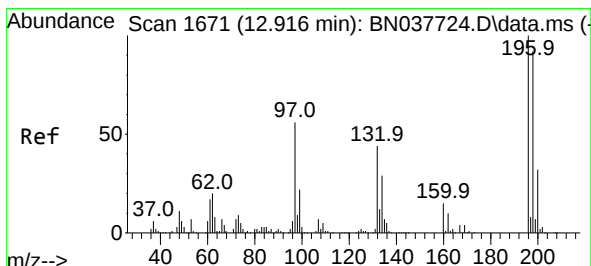
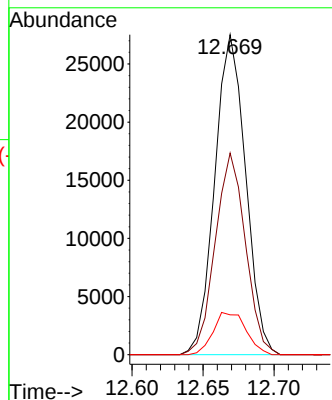
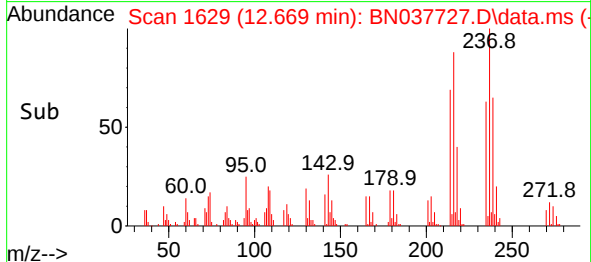
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



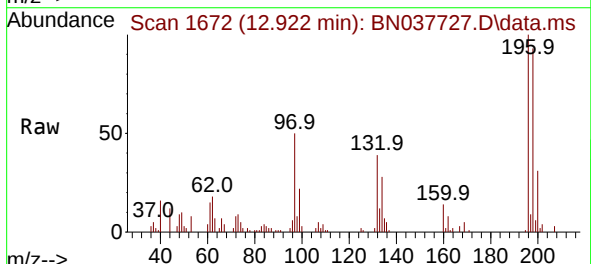
Tgt Ion:237 Resp: 41592
Ion Ratio Lower Upper
237 100
235 63.0 50.5 75.7
272 12.5 10.5 15.7

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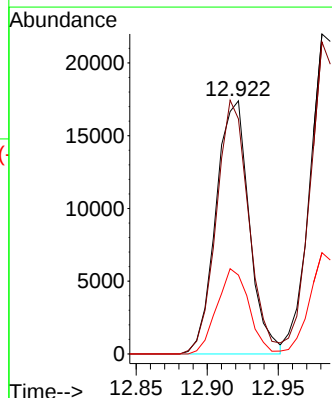
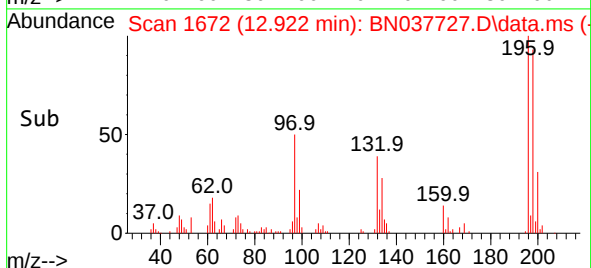
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

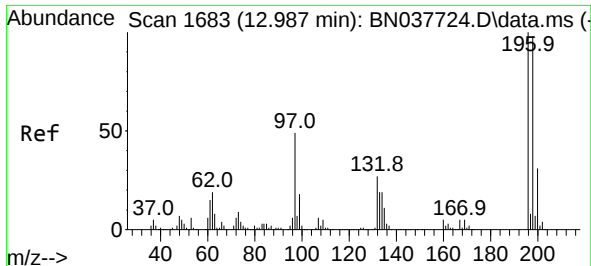


#41
2,4,6-Trichlorophenol
Concen: 3.462 ng/ul
RT: 12.922 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



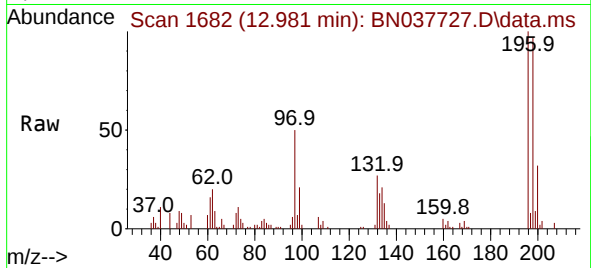
Tgt Ion:196 Resp: 28411
Ion Ratio Lower Upper
196 100
198 92.9 74.9 112.3
200 31.2 23.8 35.8





#42
2,4,5-Trichlorophenol
Concen: 3.560 ng/ul
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

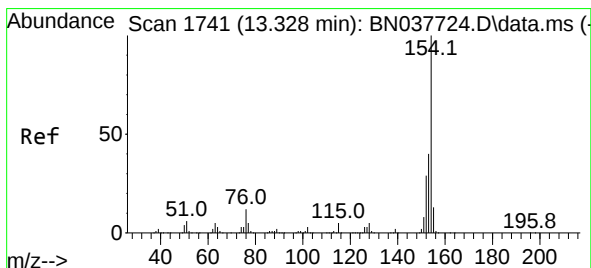
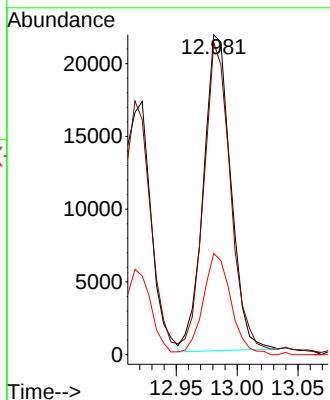
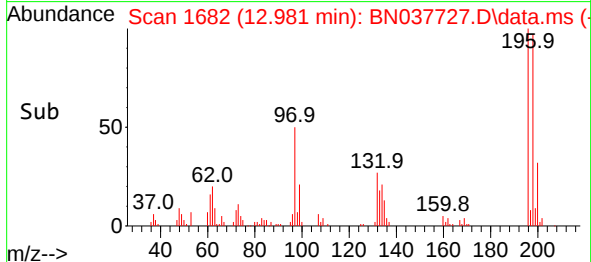
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



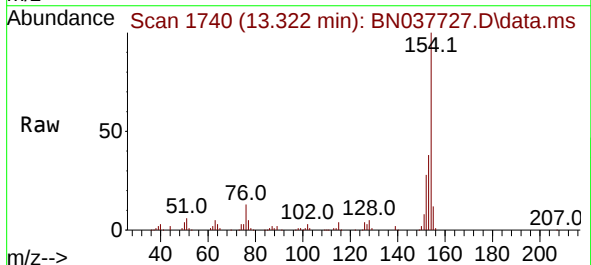
Tgt Ion:196 Resp: 33890
Ion Ratio Lower Upper
196 100
198 97.5 76.4 114.6
200 31.7 24.7 37.1

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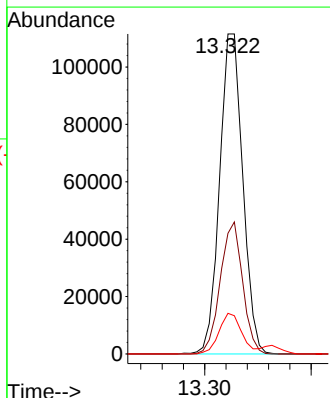
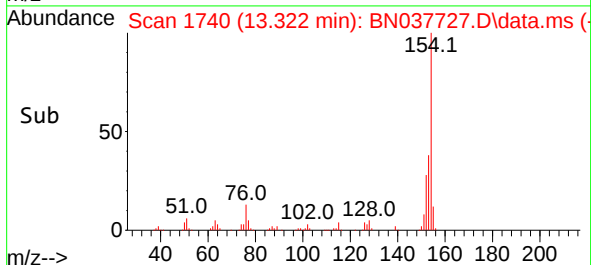
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

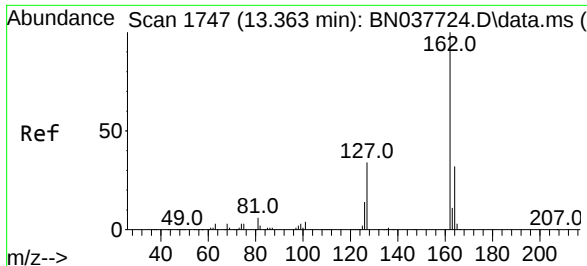


#43
1,1'-Biphenyl
Concen: 4.491 ng/ul
RT: 13.322 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



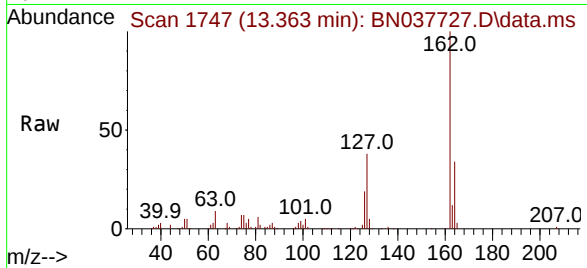
Tgt Ion:154 Resp: 168213
Ion Ratio Lower Upper
154 100
153 37.7 32.1 48.1
76 12.7 9.8 14.6





#44
2-Chloronaphthalene
Concen: 4.466 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

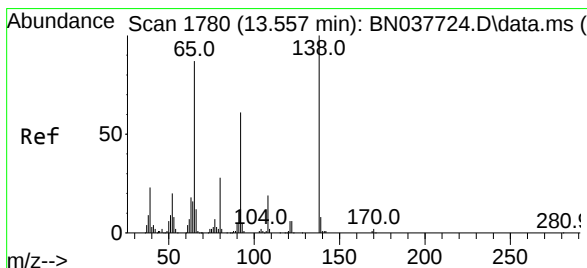
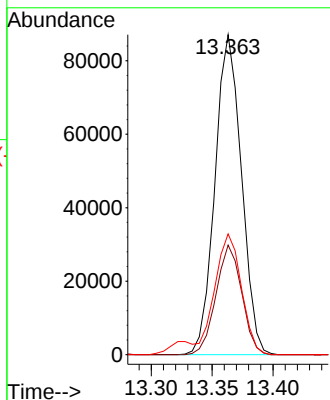
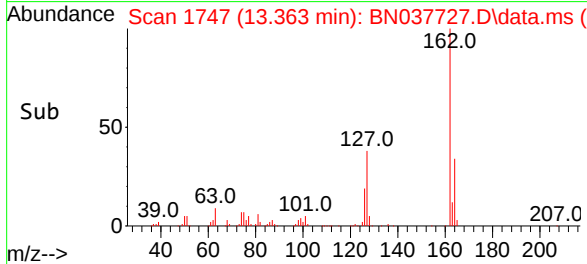
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



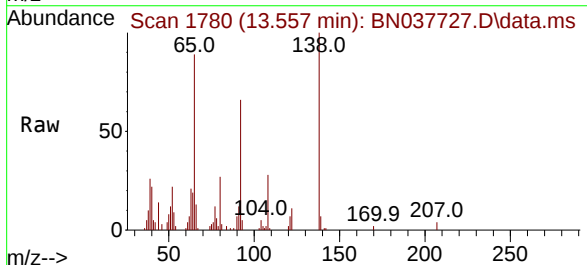
Tgt Ion:162 Resp: 131674
Ion Ratio Lower Upper
162 100
164 34.3 25.4 38.0
127 37.8 30.5 45.7

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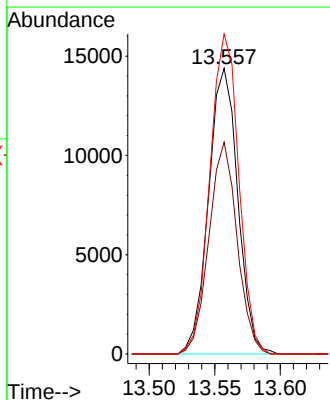
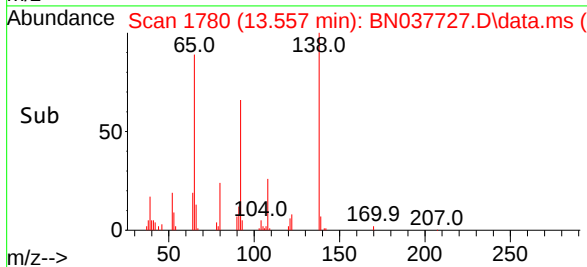
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

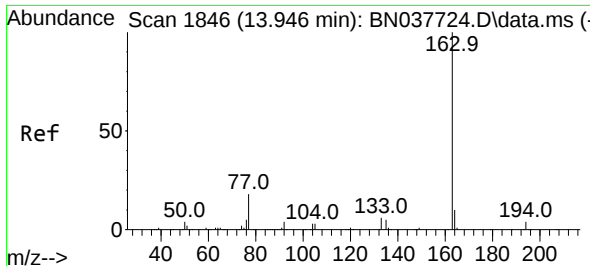


#45
2-Nitroaniline
Concen: 3.329 ng/ul
RT: 13.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



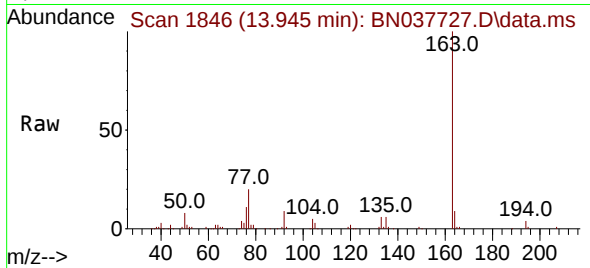
Tgt Ion: 65 Resp: 22351
Ion Ratio Lower Upper
65 100
92 74.2 56.6 84.8
138 112.1 90.6 135.8





#47
Dimethylphthalate
Concen: 4.325 ng/ul
RT: 13.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

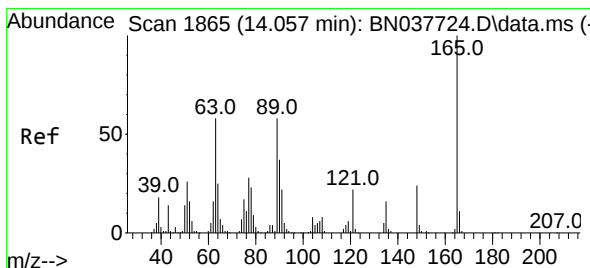
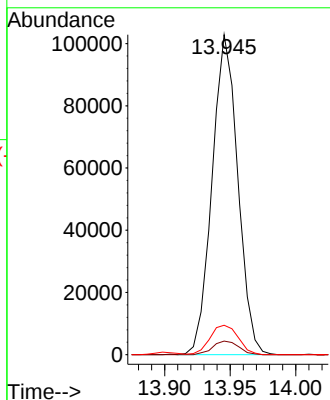
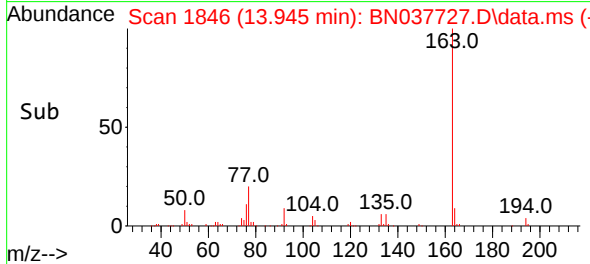
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



Tgt Ion:163 Resp: 140430
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.2 8.2 12.2

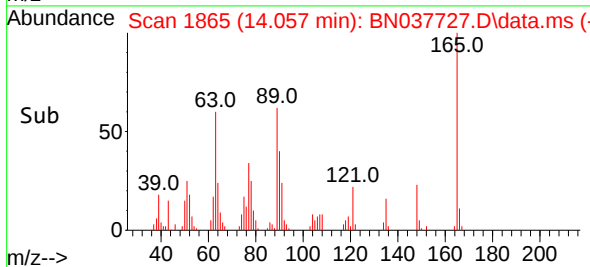
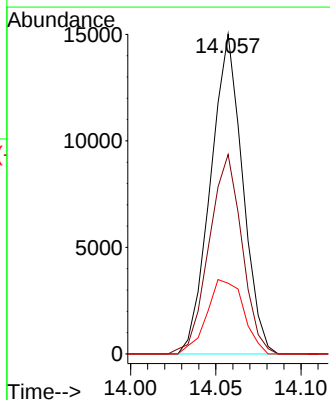
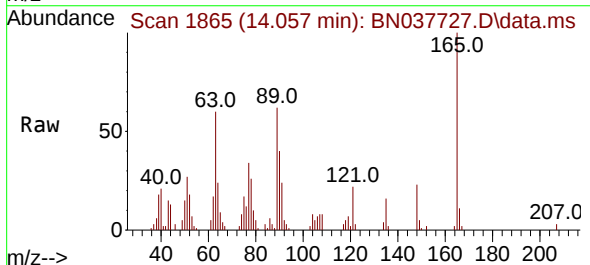
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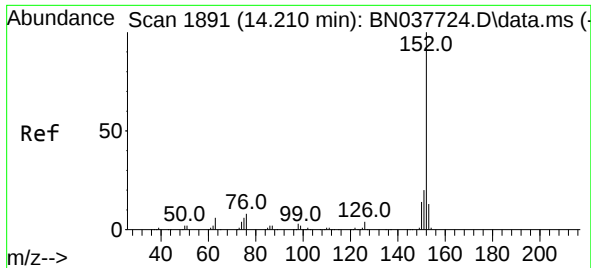
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#48
2,6-Dinitrotoluene
Concen: 3.377 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

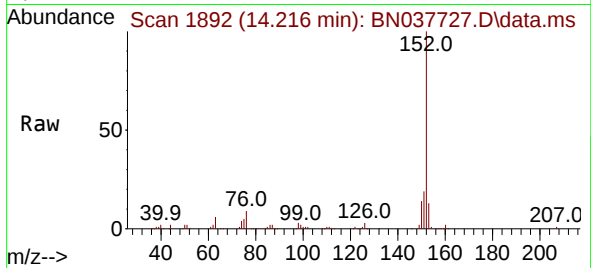
Tgt Ion:165 Resp: 19607
Ion Ratio Lower Upper
165 100
89 62.3 48.2 72.2
121 22.1 18.2 27.2





#50
Acenaphthylene
Concen: 4.542 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

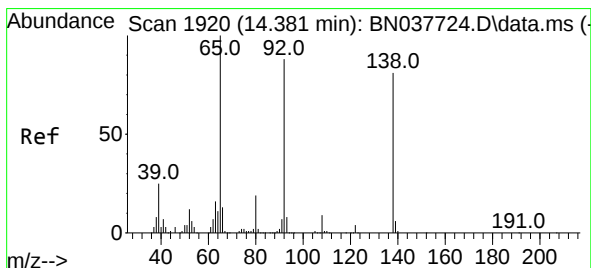
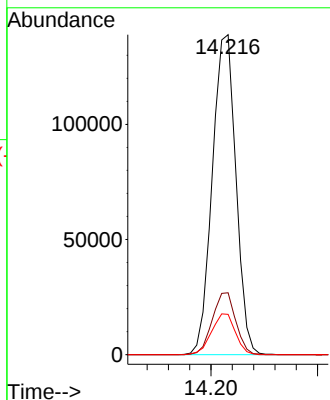
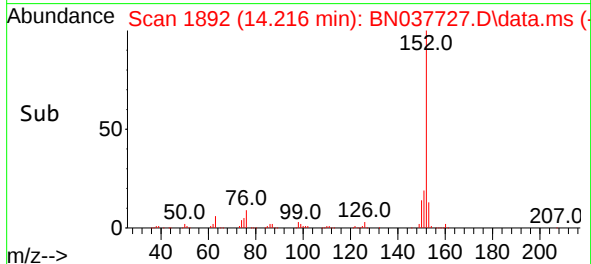
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



Tgt Ion:152 Resp: 21385
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 12.6 10.1 15.1

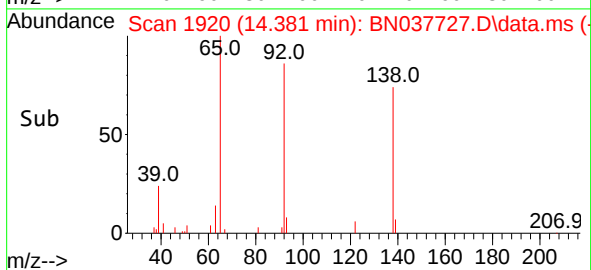
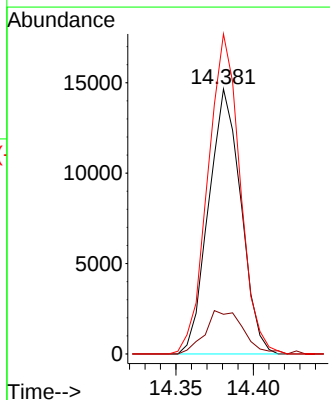
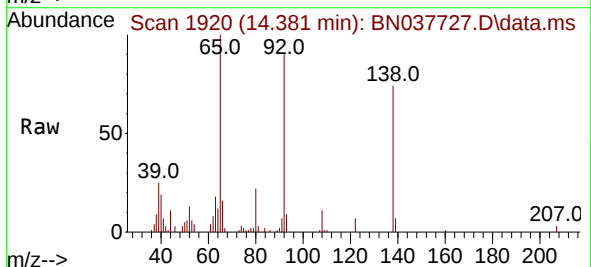
Manual Integrations
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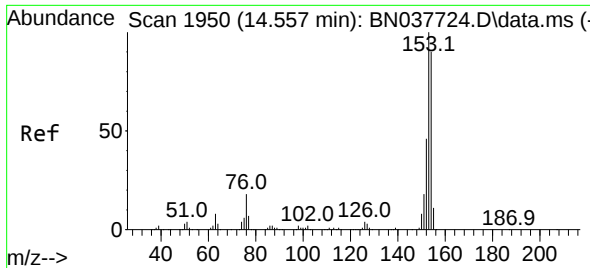
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#51
3-Nitroaniline
Concen: 3.415 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

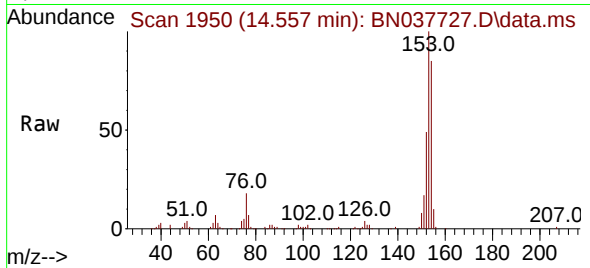
Tgt Ion:138 Resp: 21245
Ion Ratio Lower Upper
138 100
108 15.0 9.9 14.9#
92 120.8 91.0 136.4





#52
Acenaphthene
Concen: 4.437 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

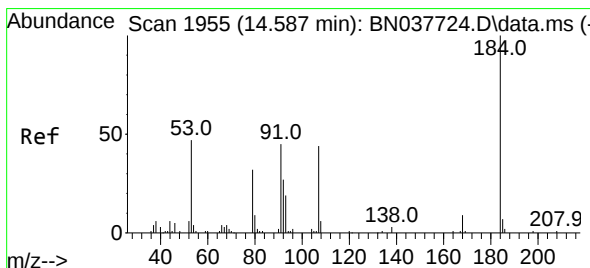
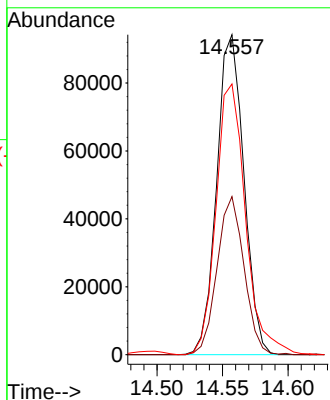
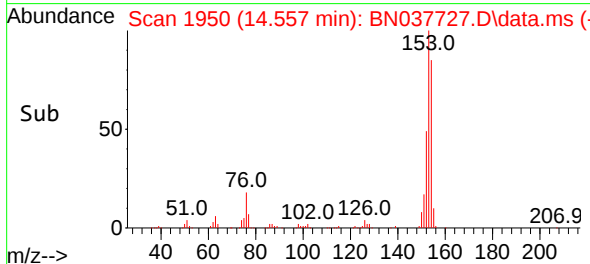
Instrument : BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



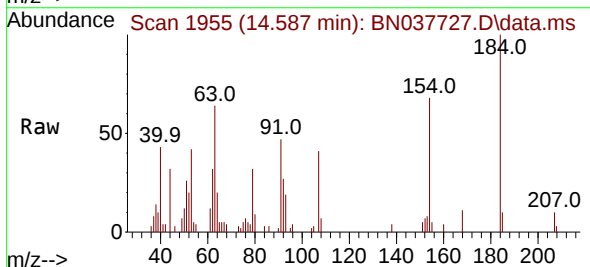
Tgt Ion:153 Resp: 13596
Ion Ratio Lower Upper
153 100
152 49.4 38.4 57.6
154 84.6 73.1 109.7

Manual Integrations
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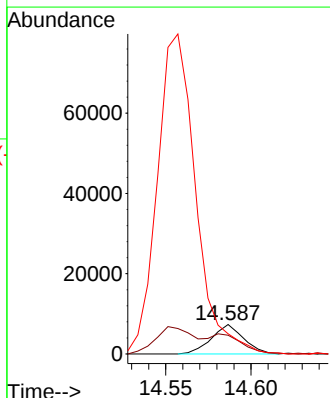
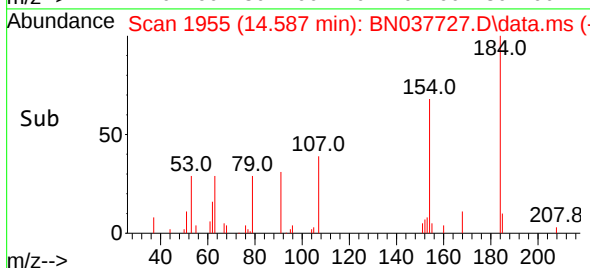
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

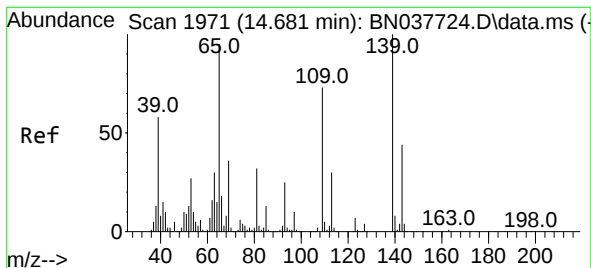


#53
2,4-Dinitrophenol
Concen: 3.909 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



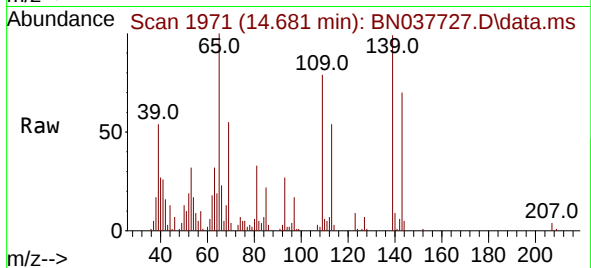
Tgt Ion:184 Resp: 9592
Ion Ratio Lower Upper
184 100
63 63.5 52.5 78.7
154 68.4 57.6 86.4





#55
4-Nitrophenol
Concen: 4.847 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

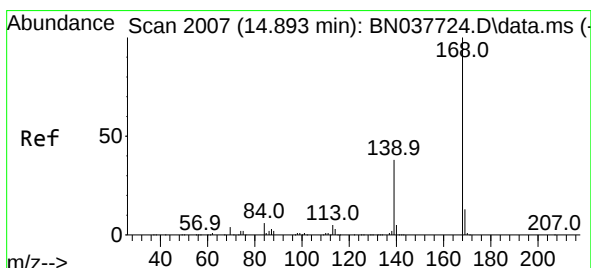
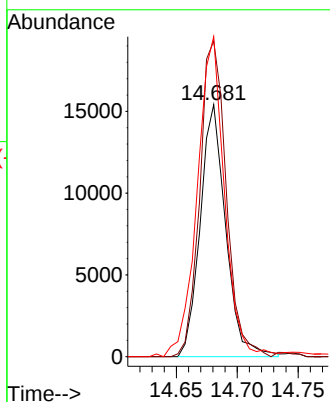
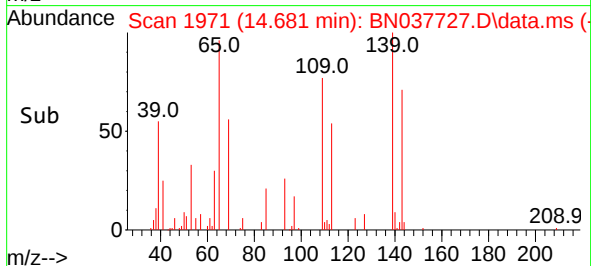
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



Tgt Ion:109 Resp: 22464
Ion Ratio Lower Upper
109 100
139 125.2 113.7 170.5
65 126.9 104.5 156.7

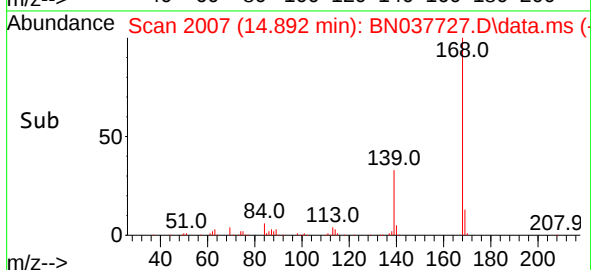
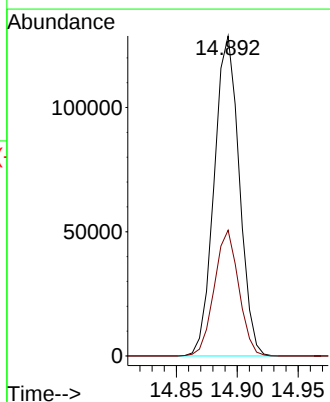
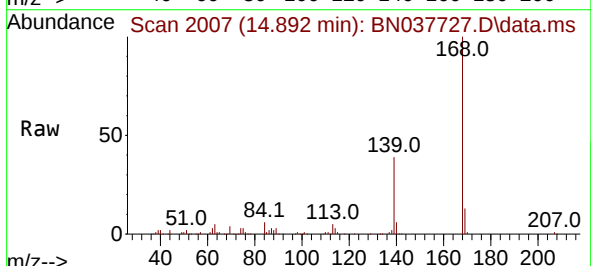
Manual Integrations
APPROVED

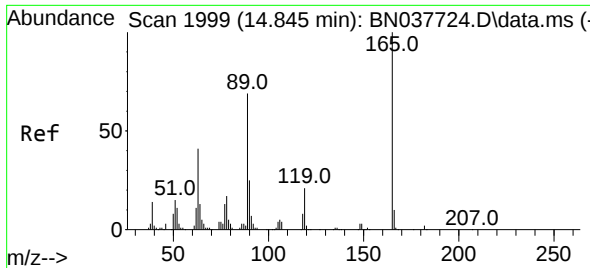
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#56
Dibenzofuran
Concen: 4.420 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

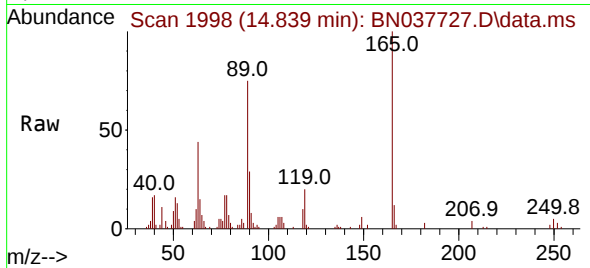
Tgt Ion:168 Resp: 184787
Ion Ratio Lower Upper
168 100
139 39.3 30.2 45.2





#57
2,4-Dinitrotoluene
Concen: 3.494 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

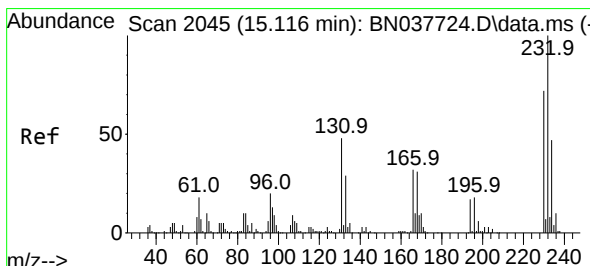
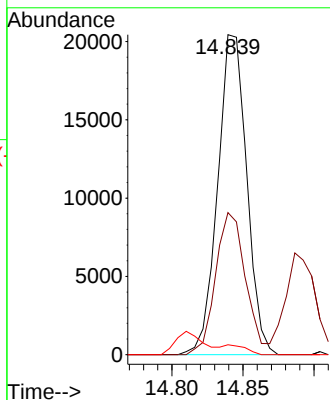
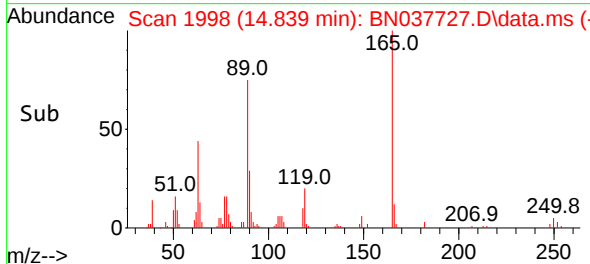
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



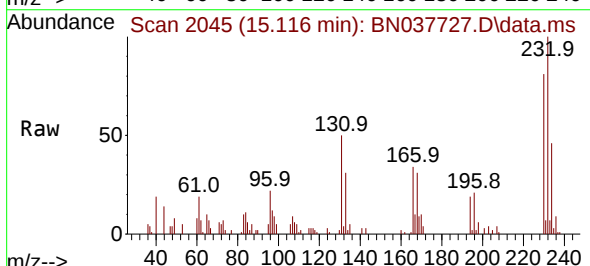
Tgt Ion:165 Resp: 29040
Ion Ratio Lower Upper
165 100
63 44.4 34.2 51.2
182 3.1 2.3 3.5

Manual Integrations
APPROVED

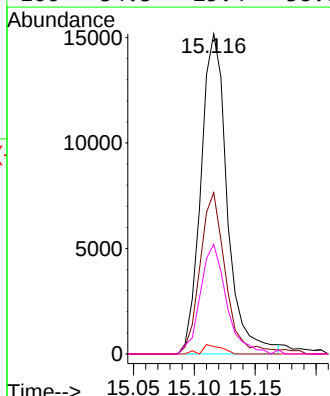
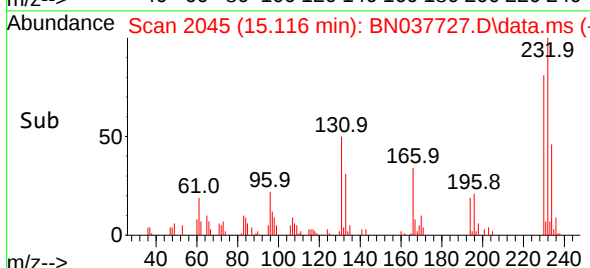
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

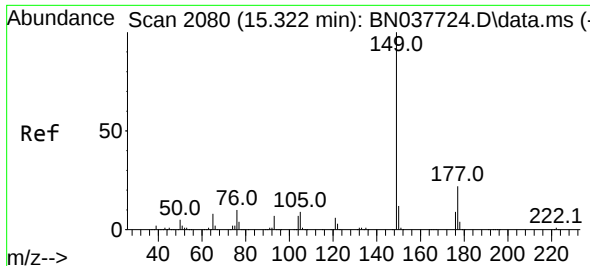


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.433 ng/ul
RT: 15.116 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



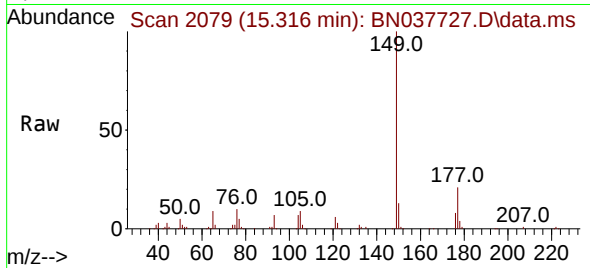
Tgt Ion:232 Resp: 22863
Ion Ratio Lower Upper
232 100
131 50.4 37.5 56.3
130 2.3 1.8 2.8
166 34.3 25.4 38.0





#59
Diethylphthalate
Concen: 4.023 ng/ul
RT: 15.316 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

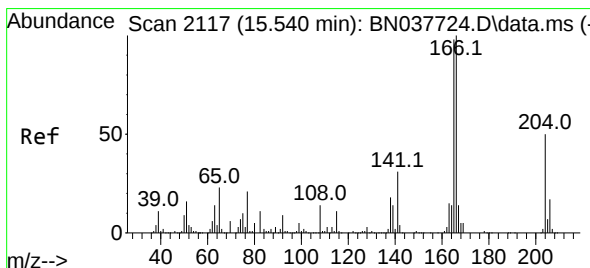
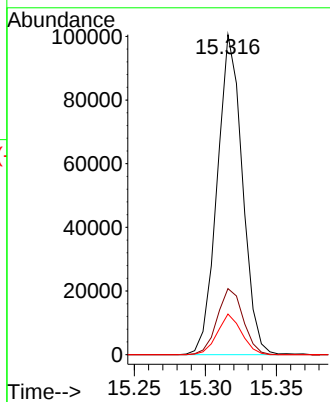
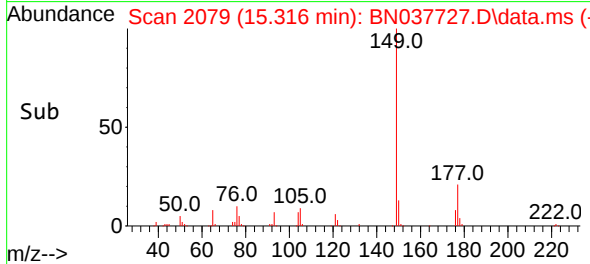
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



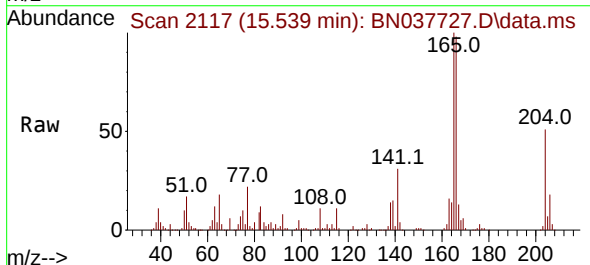
Tgt Ion:149 Resp: 124111
Ion Ratio Lower Upper
149 100
177 20.6 18.1 27.1
150 12.7 9.8 14.8

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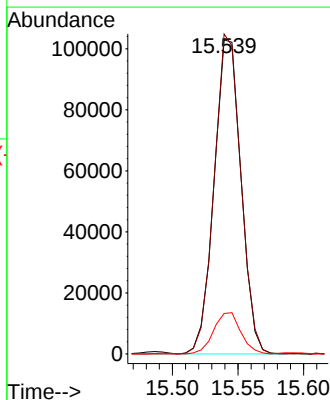
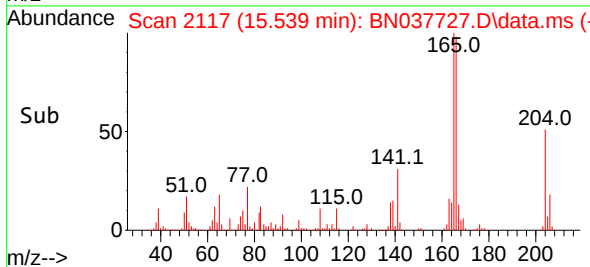
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

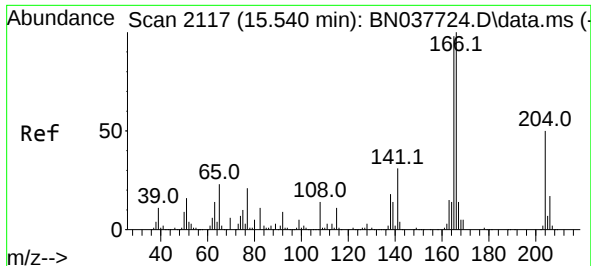


#61
Fluorene
Concen: 4.344 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



Tgt Ion:166 Resp: 147195
Ion Ratio Lower Upper
166 100
165 101.9 79.4 119.2
167 12.9 11.0 16.4





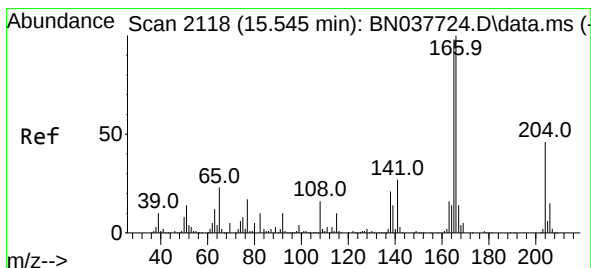
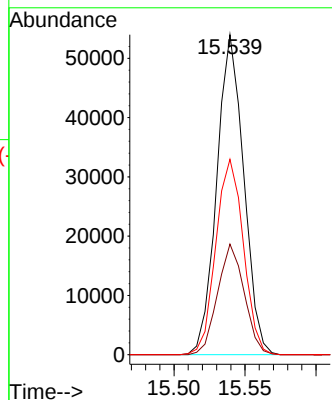
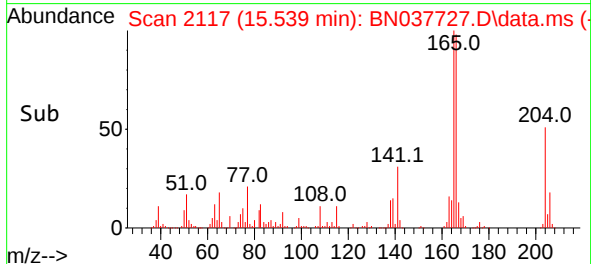
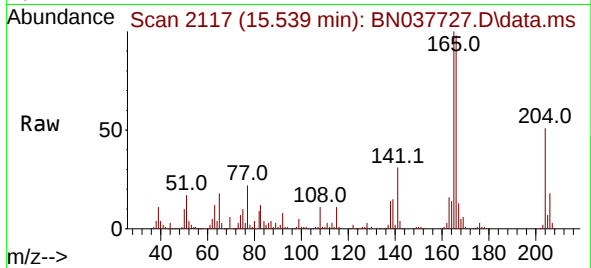
#62
4-Chlorophenyl-phenylether
Concen: 4.379 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06

Tgt Ion:204 Resp: 7138
Ion Ratio Lower Upper
204 100
206 34.6 25.9 38.9
141 61.0 46.0 69.0

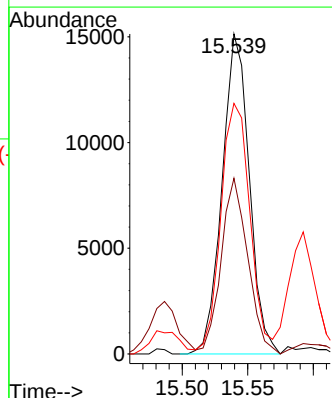
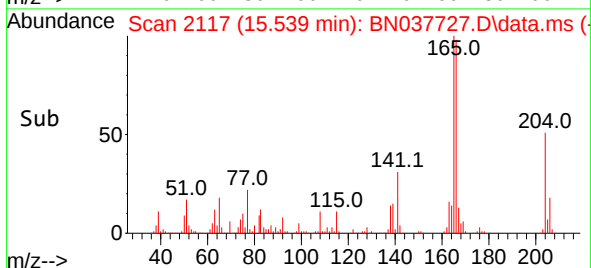
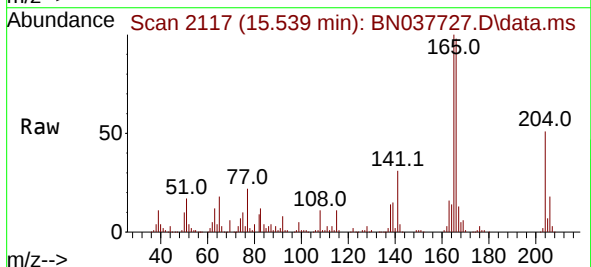
Manual Integrations
APPROVED

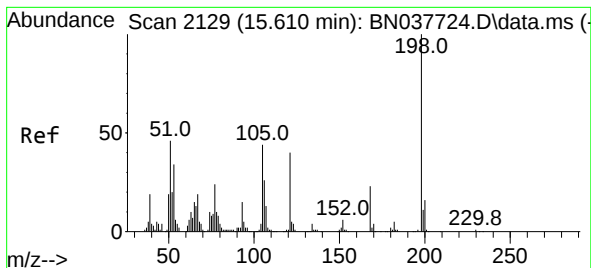
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#63
4-Nitroaniline
Concen: 3.719 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

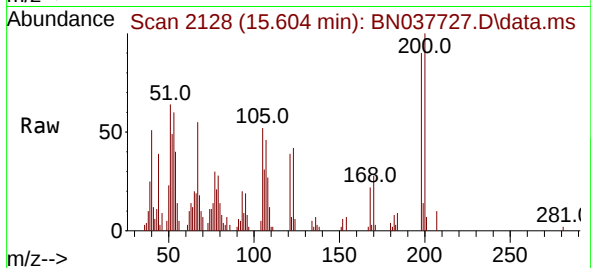
Tgt Ion:138 Resp: 21773
Ion Ratio Lower Upper
138 100
92 54.9 39.2 58.8
108 78.3 57.0 85.4





#66
4,6-Dinitro-2-methylphenol
Concen: 2.623 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

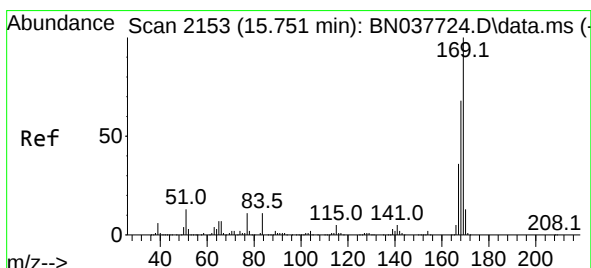
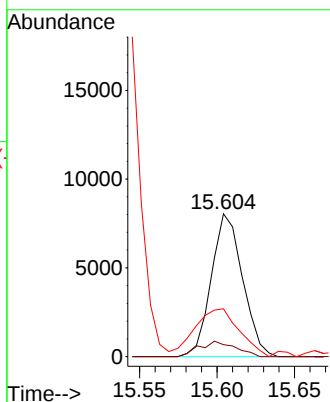
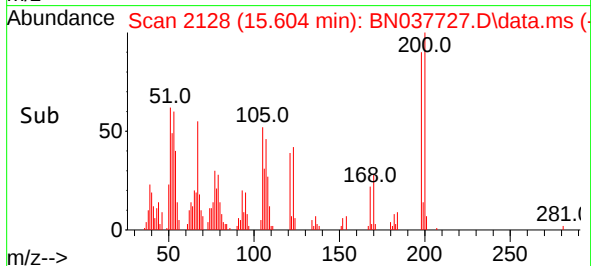
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



Tgt Ion:198 Resp: 11290
Ion Ratio Lower Upper
198 100
182 8.3 3.7 5.5
77 33.5 20.2 30.4

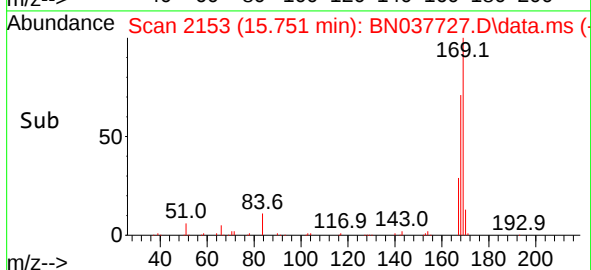
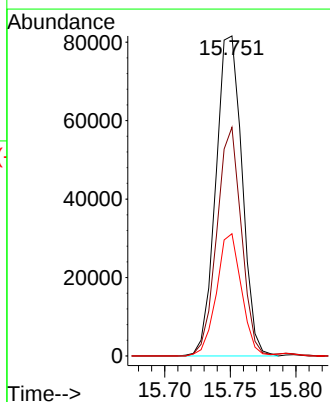
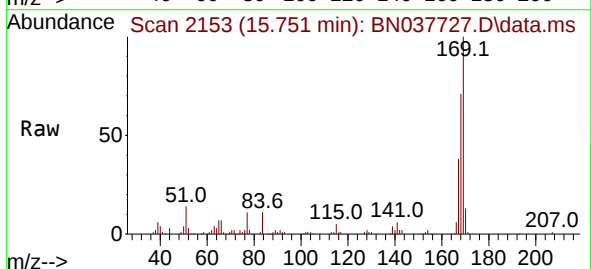
Manual Integrations
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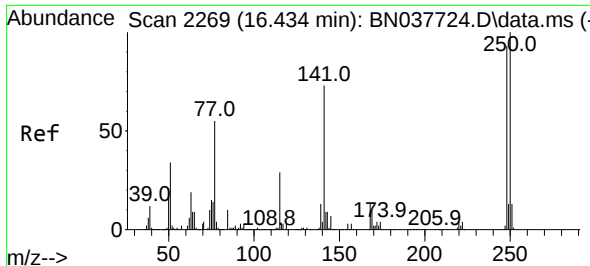
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#67
N-Nitrosodiphenylamine
Concen: 4.136 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

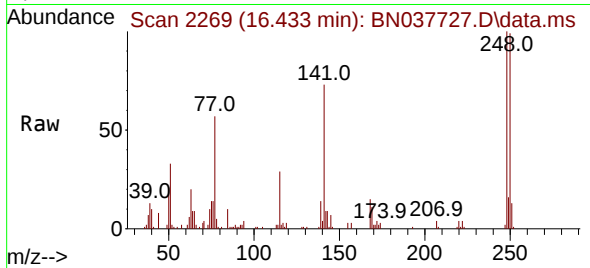
Tgt Ion:169 Resp: 113415
Ion Ratio Lower Upper
169 100
168 71.5 53.9 80.9
167 38.2 29.2 43.8





#68
4-Bromophenyl-phenylether
Concen: 4.216 ng/ul
RT: 16.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

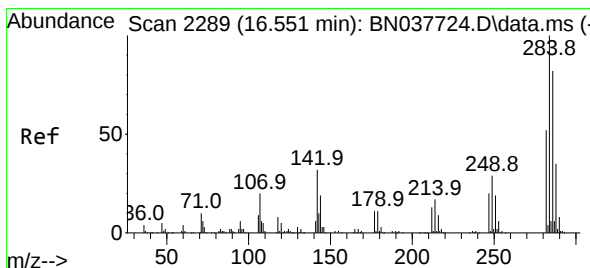
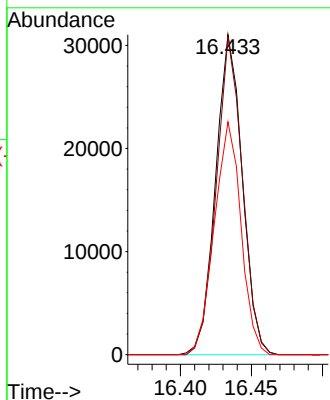
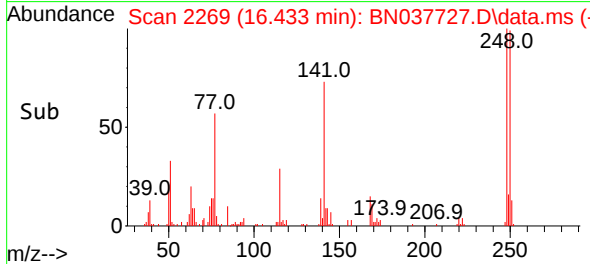
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



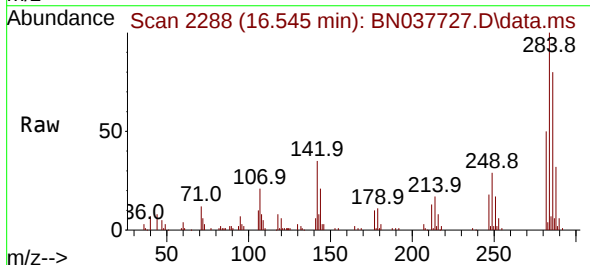
Tgt Ion:248 Resp: 4054
Ion Ratio Lower Upper
248 100
250 99.3 73.6 110.4
141 72.7 51.8 77.8

Manual Integrations
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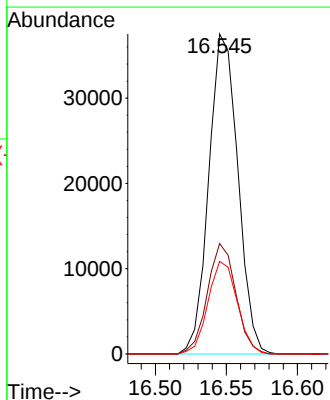
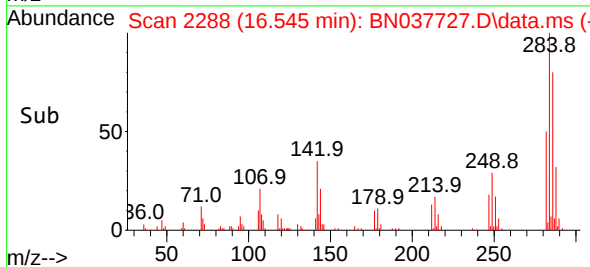
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

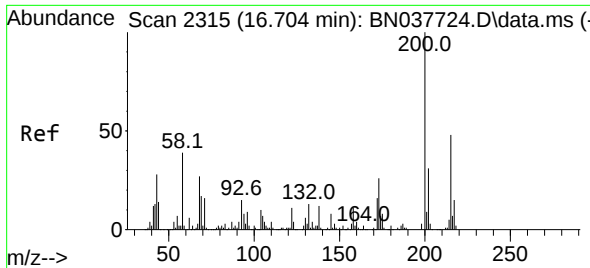


#69
Hexachlorobenzene
Concen: 4.543 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



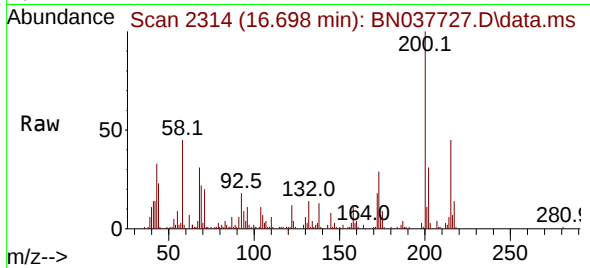
Tgt Ion:284 Resp: 53462
Ion Ratio Lower Upper
284 100
142 34.5 25.5 38.3
249 28.9 23.9 35.9





#70
 Atrazine
 Concen: 4.208 ng/ul
 RT: 16.698 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037727.D
 Acq: 16 Sep 2025 11:31

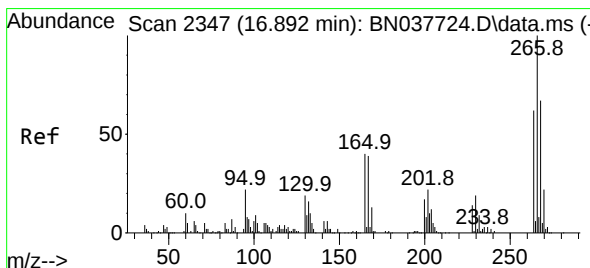
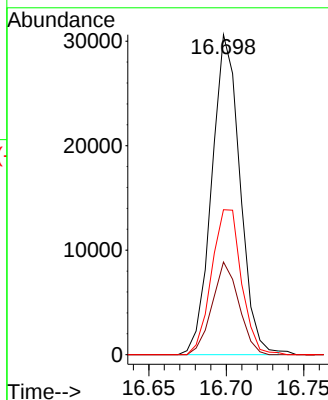
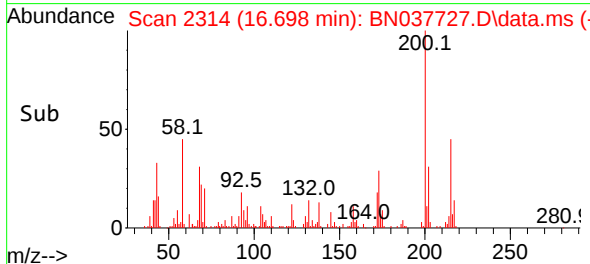
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2025-06



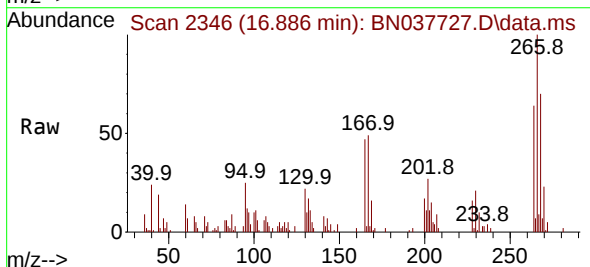
Tgt Ion:200 Resp: 3878
 Ion Ratio Lower Upper
 200 100
 173 29.0 21.9 32.9
 215 45.3 39.0 58.4

Manual Integrations
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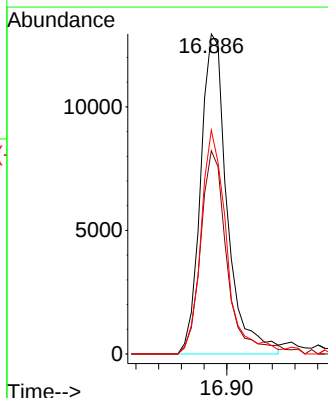
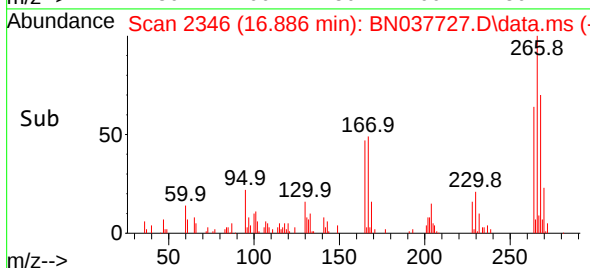
Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

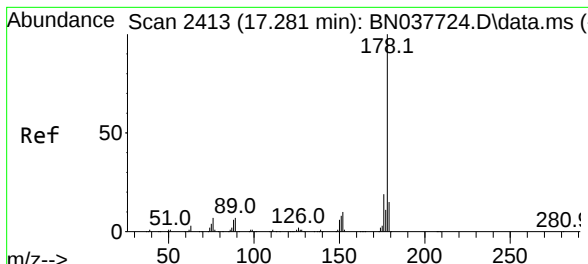


#71
 Pentachlorophenol
 Concen: 3.255 ng/ul
 RT: 16.886 min Scan# 2346
 Delta R.T. -0.000 min
 Lab File: BN037727.D
 Acq: 16 Sep 2025 11:31



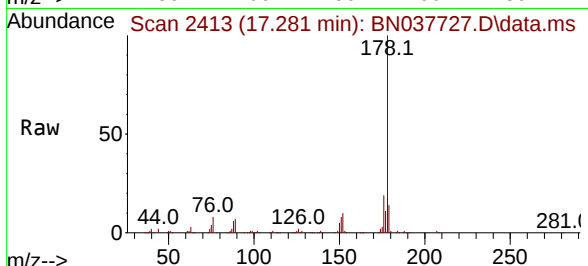
Tgt Ion:266 Resp: 21027
 Ion Ratio Lower Upper
 266 100
 264 63.5 48.3 72.5
 268 69.9 48.3 72.5





#72
 Phenanthrene
 Concen: 4.385 ng/ul
 RT: 17.281 min Scan# 2413
 Delta R.T. -0.006 min
 Lab File: BN037727.D
 Acq: 16 Sep 2025 11:31

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2025-06

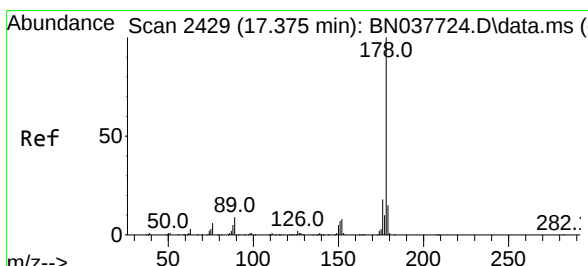
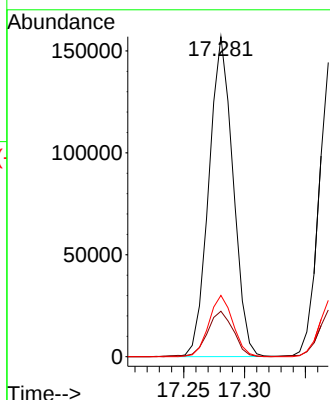
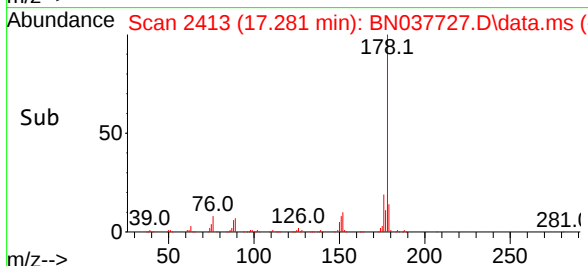


Tgt Ion:178 Resp: 217244

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.4	18.6
176	19.2	15.3	22.9

Manual Integrations
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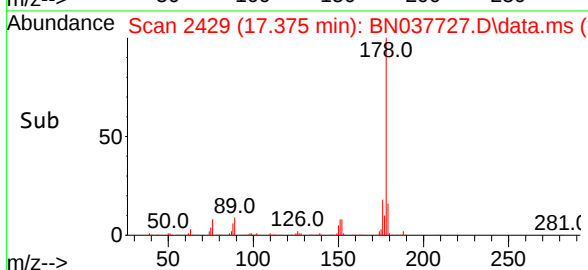
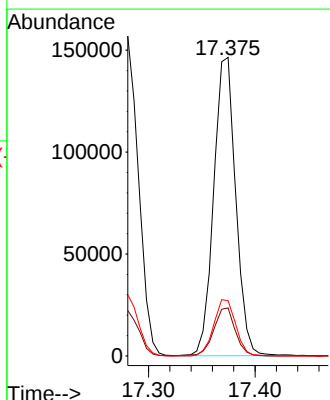
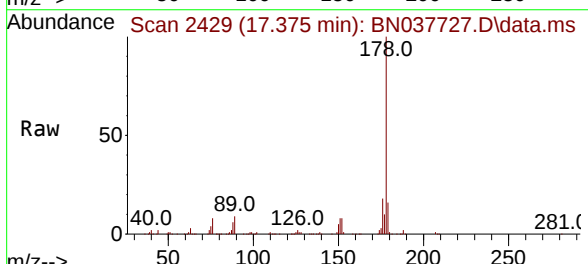
Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

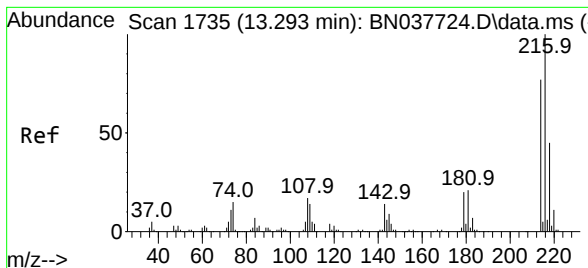


#74
 Anthracene
 Concen: 4.177 ng/ul
 RT: 17.375 min Scan# 2429
 Delta R.T. -0.000 min
 Lab File: BN037727.D
 Acq: 16 Sep 2025 11:31

Tgt Ion:178 Resp: 209854

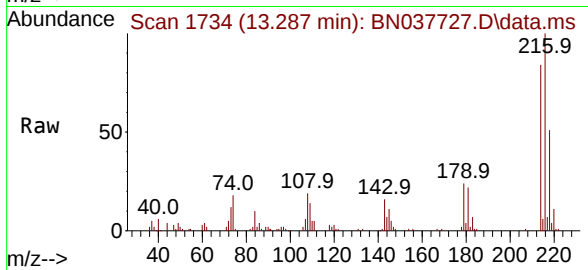
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.5	14.8	22.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.378 ng/uL
RT: 13.287 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

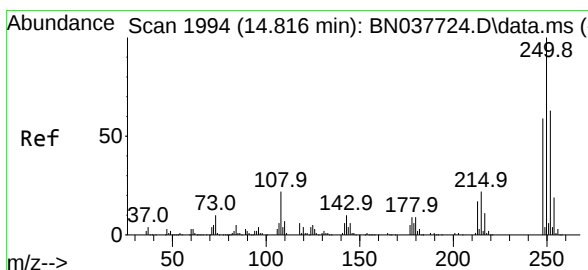
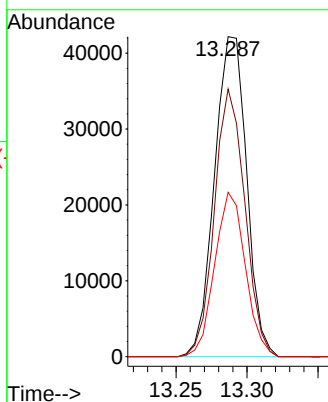
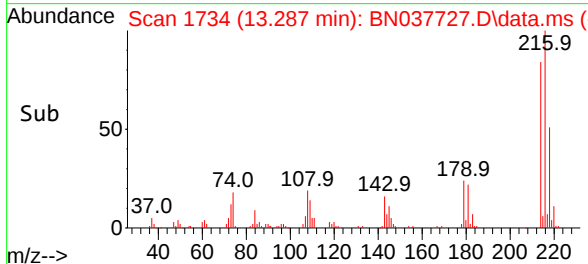
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



Tgt Ion:216 Resp: 6660
Ion Ratio Lower Upper
216 100
214 83.7 64.0 96.0
218 51.3 39.6 59.4

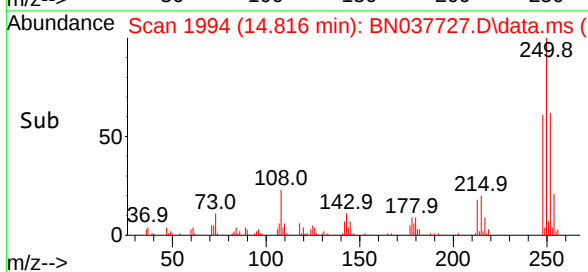
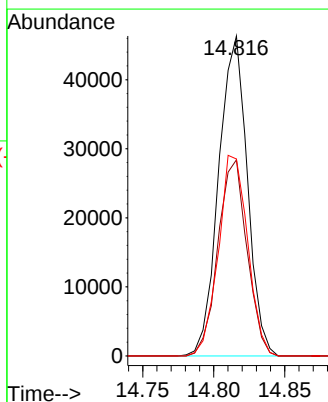
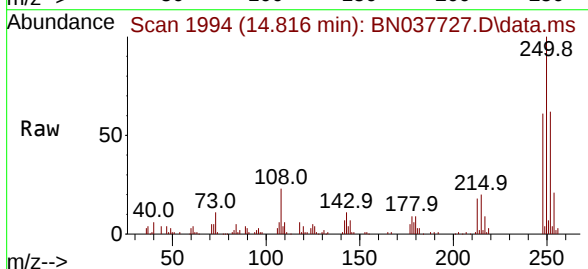
Manual Integrations
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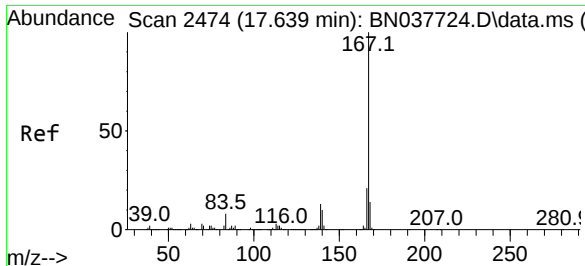
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#76
Pentachlorobenzene
Concen: 4.459 ng/uL
RT: 14.816 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

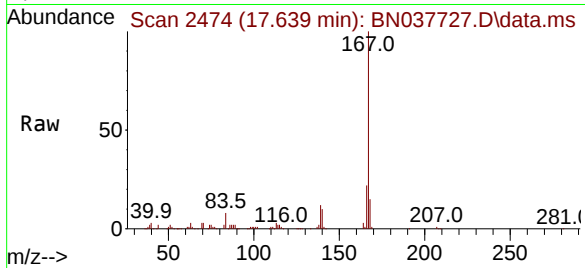
Tgt Ion:250 Resp: 64981
Ion Ratio Lower Upper
250 100
248 61.3 50.6 75.8
252 61.5 50.9 76.3





#77
 Carbazole
 Concen: 3.880 ng/ul
 RT: 17.639 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BN037727.D
 Acq: 16 Sep 2025 11:31

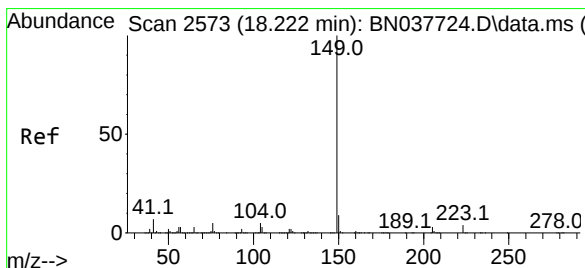
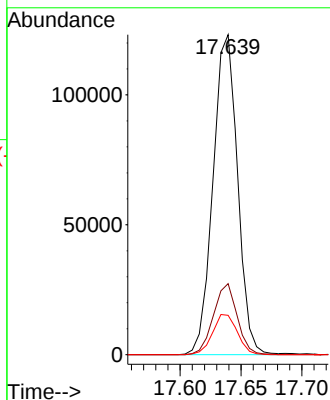
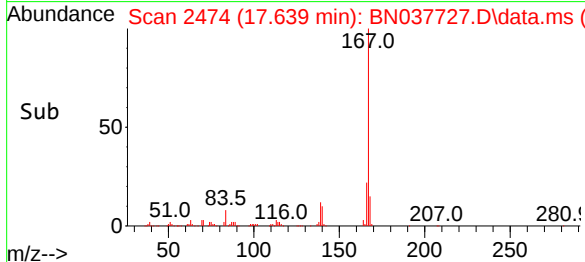
Instrument : BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2025-06



Tgt Ion:167 Resp: 172694
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.6 24.8
 139 12.3 10.1 15.1

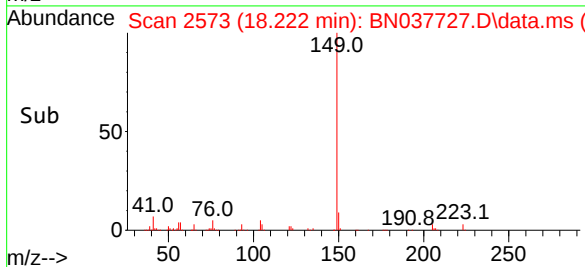
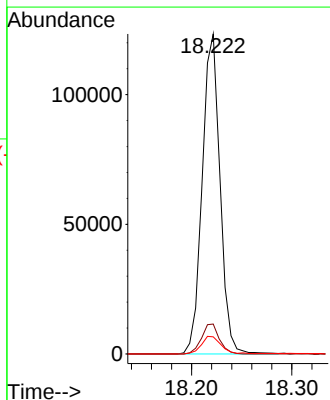
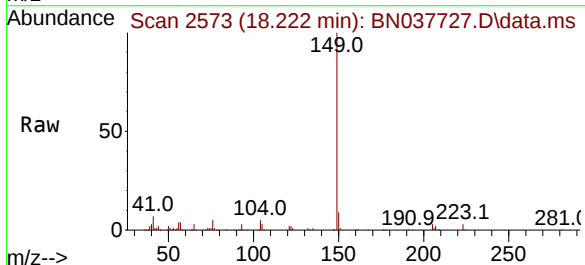
Manual Integrations
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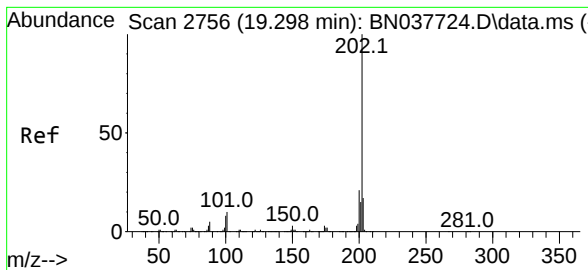
Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025



#78
 Di-n-butylphthalate
 Concen: 3.384 ng/ul
 RT: 18.222 min Scan# 2573
 Delta R.T. -0.000 min
 Lab File: BN037727.D
 Acq: 16 Sep 2025 11:31

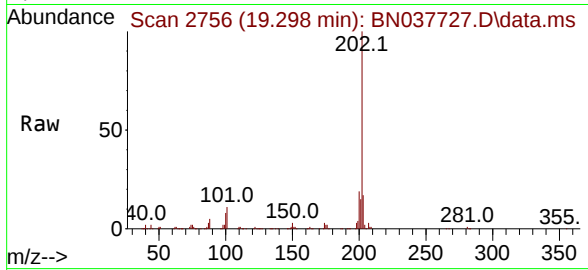
Tgt Ion:149 Resp: 152814
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.3 4.0 6.0





#80
Fluoranthene
Concen: 4.360 ng/ul
RT: 19.298 min Scan# 214072
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

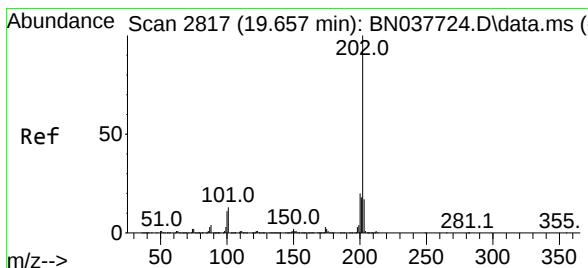
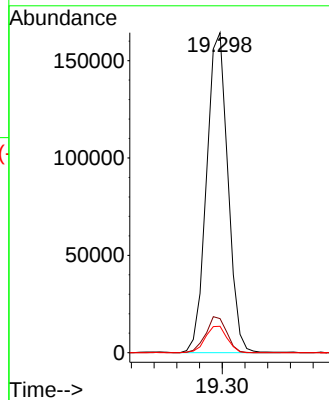
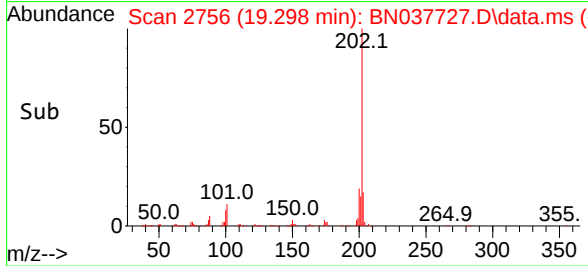
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



Tgt Ion:202 Resp: 214072
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.4
100 8.2 7.0 10.6

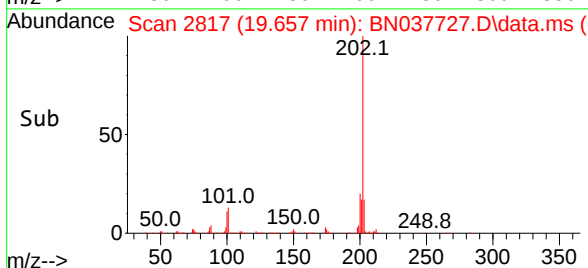
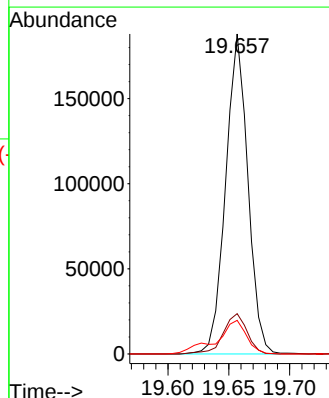
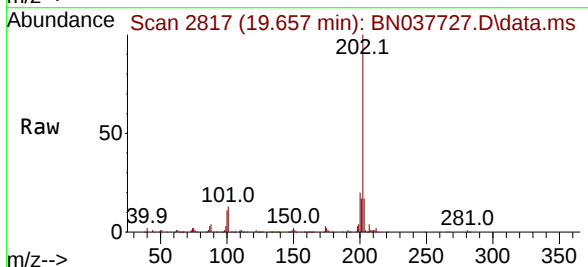
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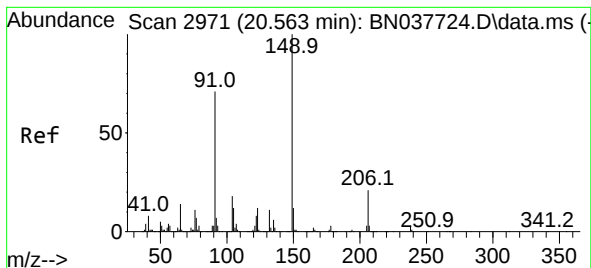
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#82
Pyrene
Concen: 4.563 ng/ul
RT: 19.657 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

Tgt Ion:202 Resp: 238325
Ion Ratio Lower Upper
202 100
101 12.6 10.9 16.3
100 10.5 9.0 13.6





#83

Butylbenzylphthalate

Concen: 2.900 ng/ul

RT: 20.563 min Scan# 2971

Delta R.T. -0.006 min

Lab File: BN037727.D

Acq: 16 Sep 2025 11:31

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2025-06

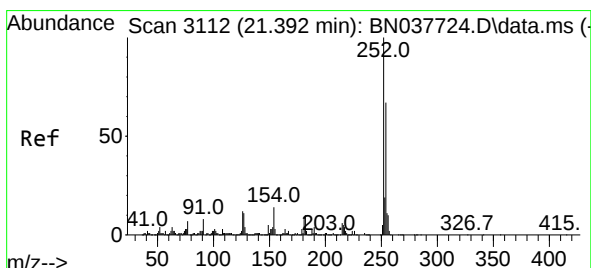
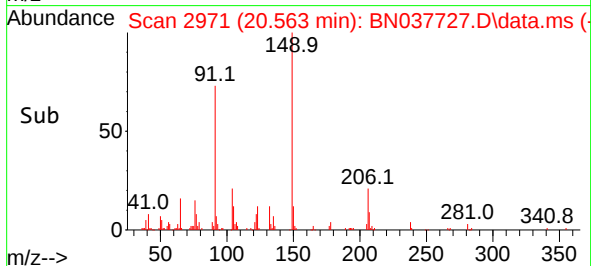
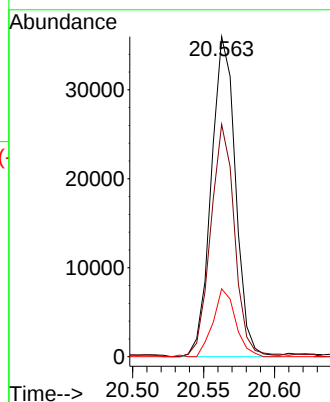
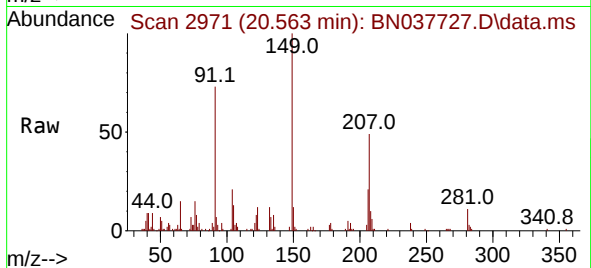
Tgt Ion:	149	Resp:	42760
Ion Ratio	Lower	Upper	
149	100		
91	72.6	53.1	79.7
206	21.2	17.1	25.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#84

3,3'-Dichlorobenzidine

Concen: 3.695 ng/ul

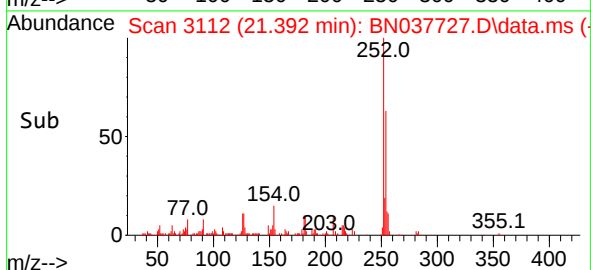
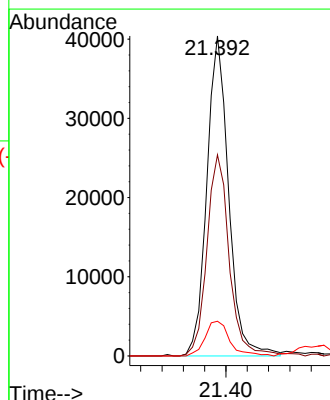
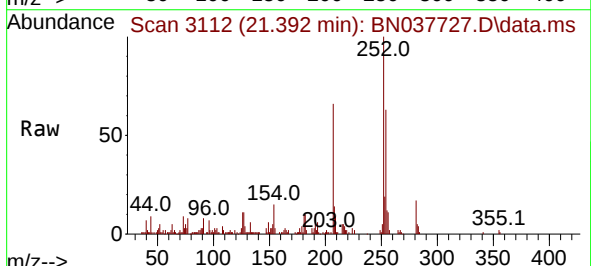
RT: 21.392 min Scan# 3112

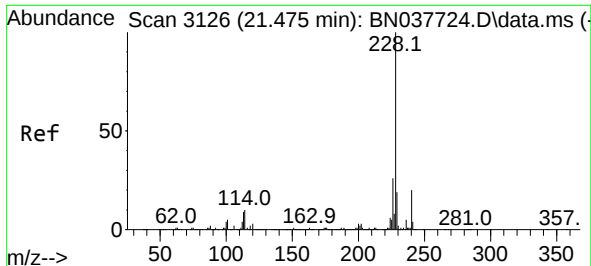
Delta R.T. -0.000 min

Lab File: BN037727.D

Acq: 16 Sep 2025 11:31

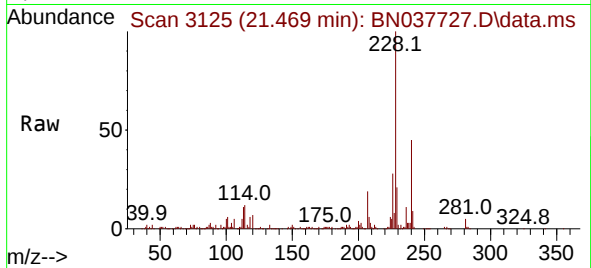
Tgt Ion:	252	Resp:	57449
Ion Ratio	Lower	Upper	
252	100		
254	62.9	50.2	75.2
126	10.9	9.2	13.8





#85
Benzo(a)anthracene
Concen: 4.197 ng/ul
RT: 21.469 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

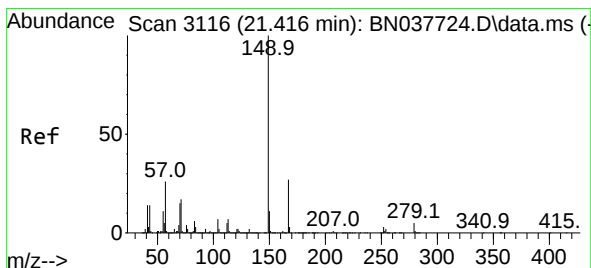
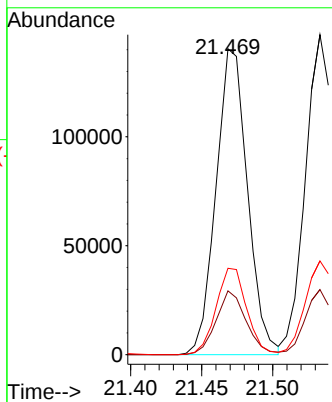
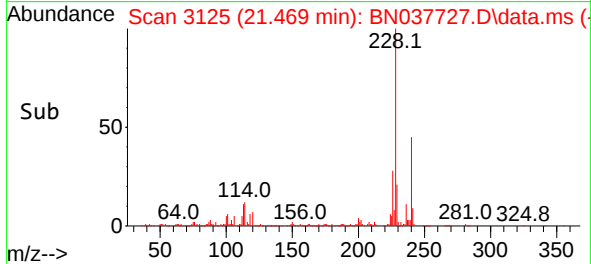
Instrument : BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



Tgt Ion:228 Resp: 216670
Ion Ratio Lower Upper
228 100
229 20.9 15.4 23.0
226 28.2 21.9 32.9

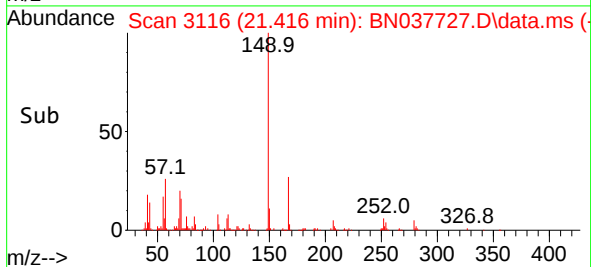
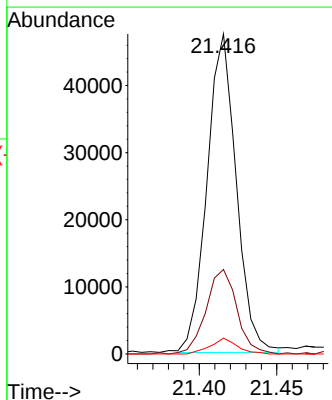
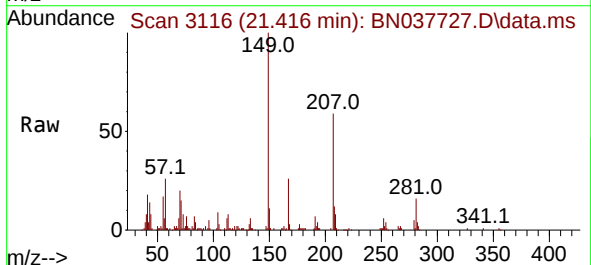
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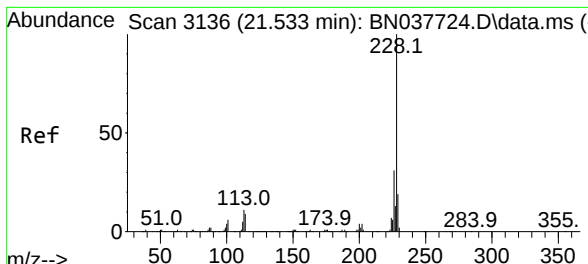
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.803 ng/ul
RT: 21.416 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

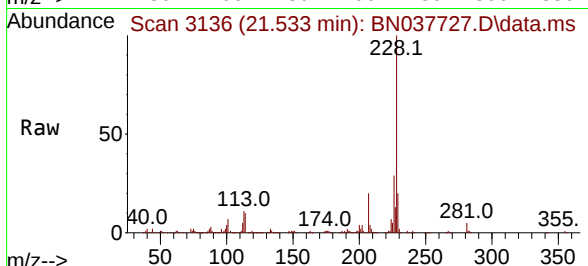
Tgt Ion:149 Resp: 62304
Ion Ratio Lower Upper
149 100
167 26.4 21.3 31.9
279 4.9 3.4 5.0





#87
Chrysene
Concen: 4.399 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

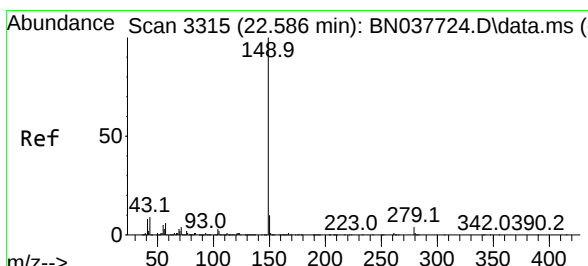
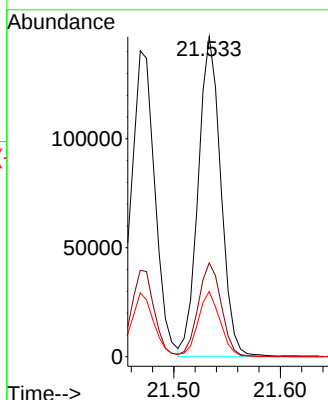
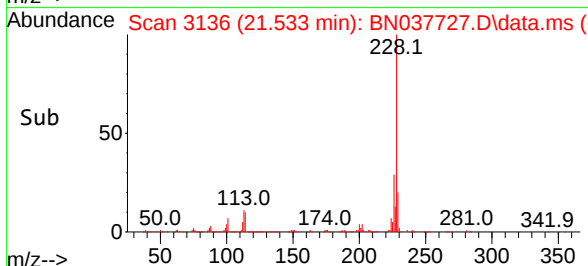
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2025-06



Tgt Ion:228 Resp: 217149
Ion Ratio Lower Upper
228 100
226 29.3 24.1 36.1
229 20.4 16.8 25.2

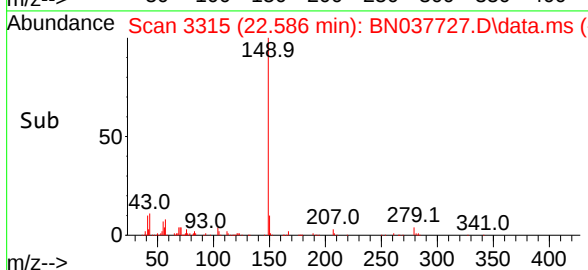
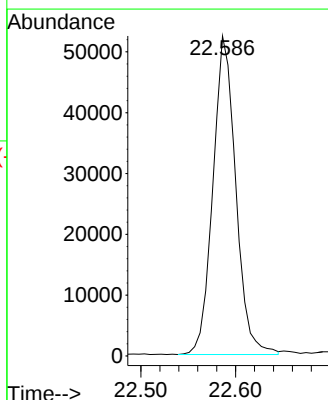
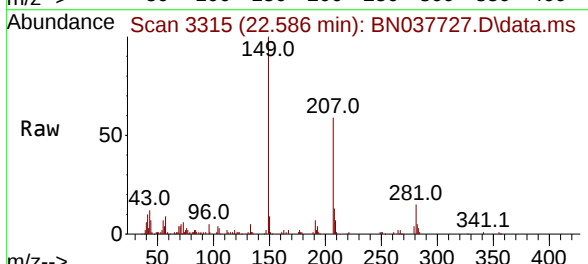
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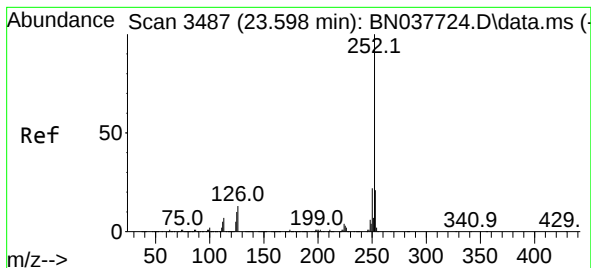
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#89
Di-n-octyl phthalate
Concen: 2.104 ng/ul
RT: 22.586 min Scan# 3315
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

Tgt Ion:149 Resp: 88049





#90

Benzo(b)fluoranthene

Concen: 3.893 ng/ul

RT: 23.598 min Scan# 3487

Delta R.T. -0.006 min

Lab File: BN037727.D

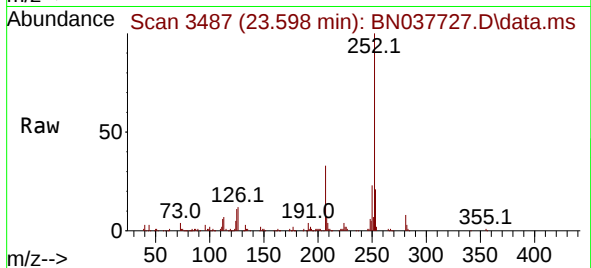
Acq: 16 Sep 2025 11:31

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2025-06



Tgt Ion:252 Resp: 204175

Ion Ratio Lower Upper

252 100

253 20.8 16.6 24.8

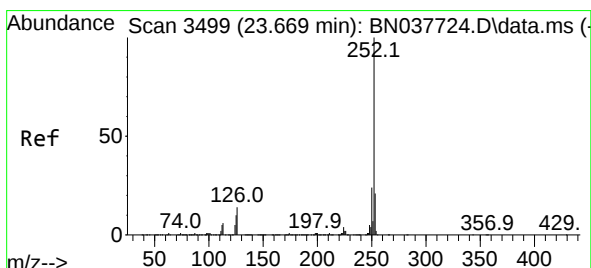
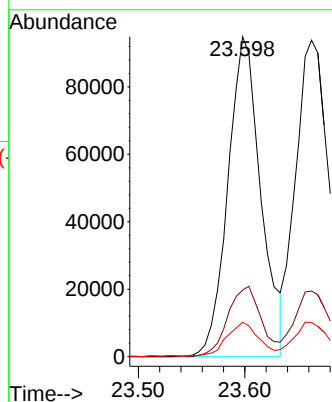
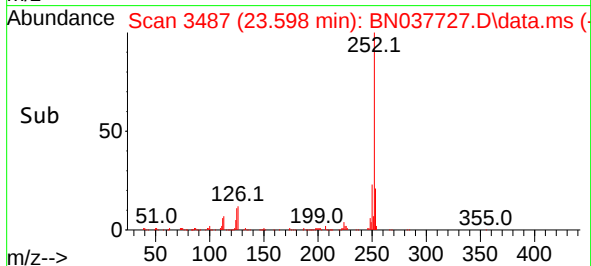
125 10.7 8.1 12.1

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Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#91

Benzo(k)fluoranthene

Concen: 3.892 ng/ul

RT: 23.663 min Scan# 3498

Delta R.T. -0.006 min

Lab File: BN037727.D

Acq: 16 Sep 2025 11:31

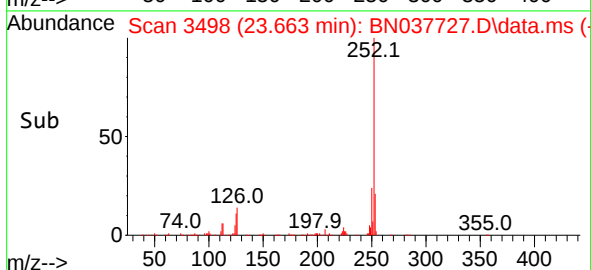
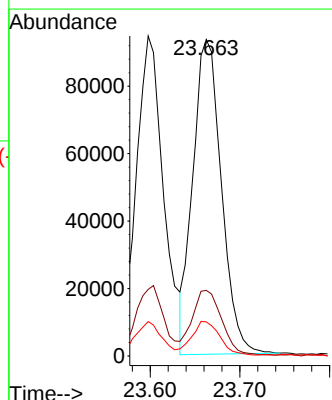
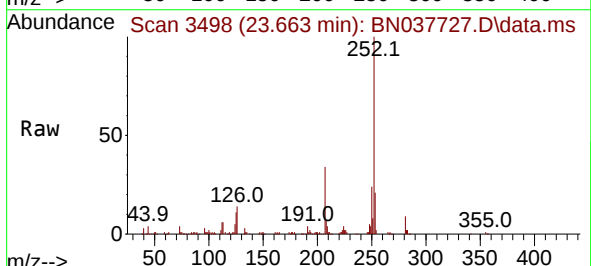
Tgt Ion:252 Resp: 205967

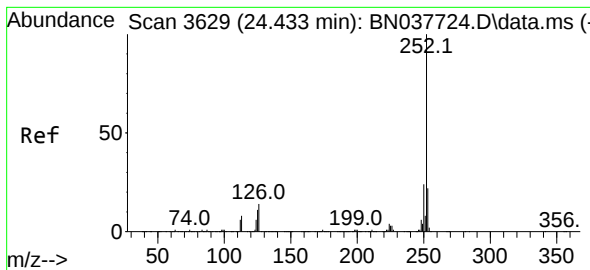
Ion Ratio Lower Upper

252 100

253 20.7 16.9 25.3

125 10.8 8.1 12.1





#93

Benzo(a)pyrene

Concen: 3.964 ng/ul

RT: 24.427 min Scan# 3629

Delta R.T. -0.006 min

Lab File: BN037727.D

Acq: 16 Sep 2025 11:31

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2025-06

Tgt Ion: 252 Resp: 19927

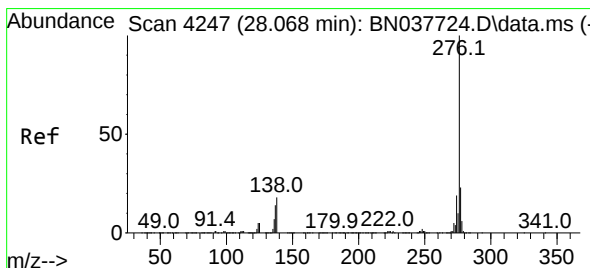
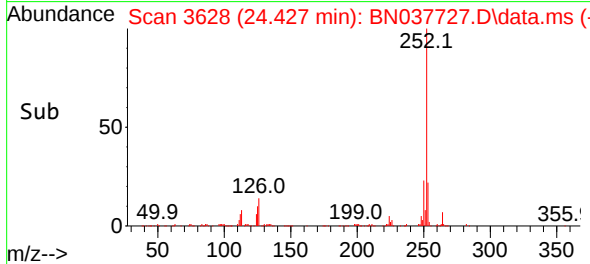
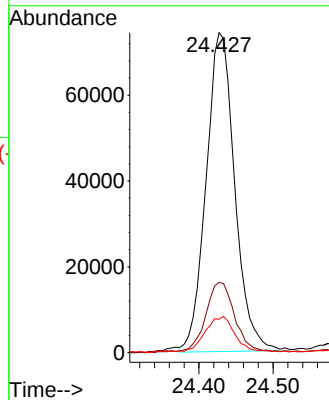
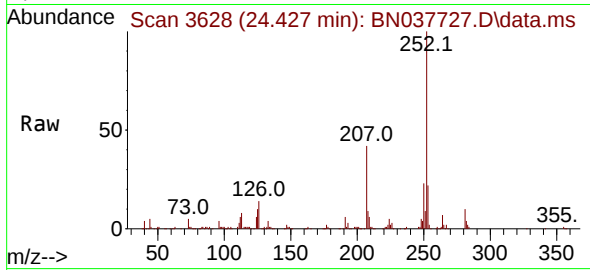
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.4	8.9	13.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.732 ng/ul m

RT: 28.062 min Scan# 4246

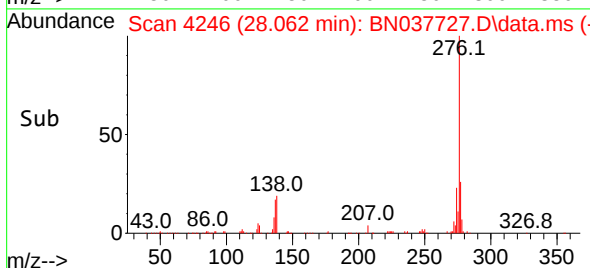
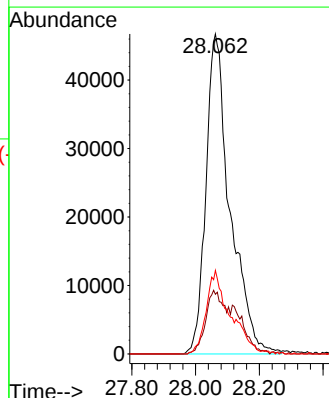
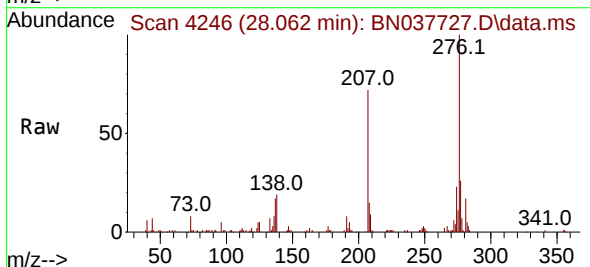
Delta R.T. -0.000 min

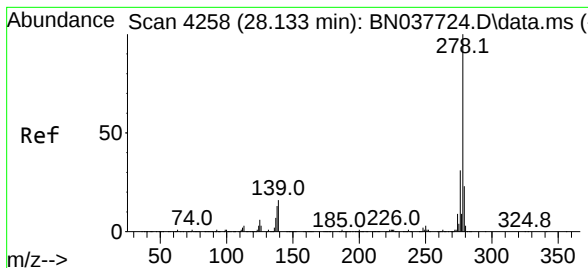
Lab File: BN037727.D

Acq: 16 Sep 2025 11:31

Tgt Ion: 276 Resp: 245467

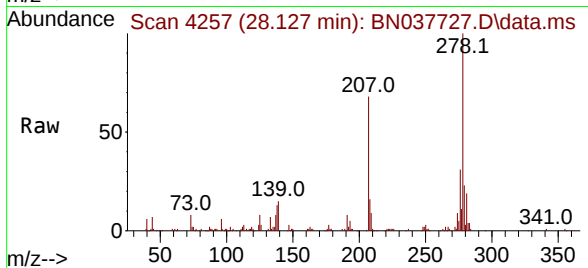
Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.3	22.9
277	26.1	18.0	27.0





#95
Dibenzo(a,h)anthracene
Concen: 3.762 ng/ul
RT: 28.127 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31

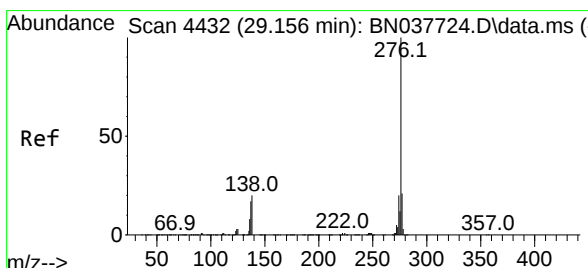
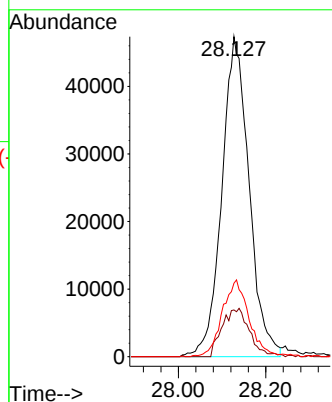
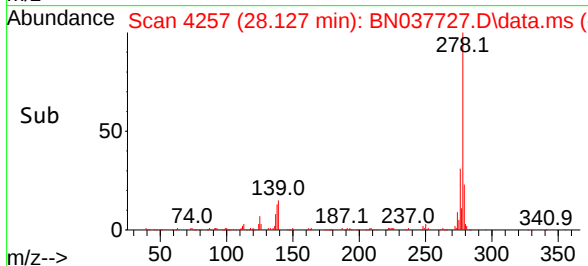
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-06



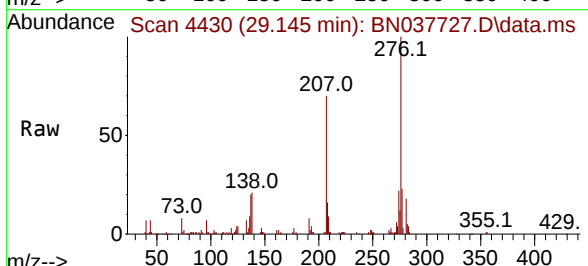
Tgt Ion:278 Resp: 20453
Ion Ratio Lower Upper
278 100
139 14.6 12.6 19.0
279 22.9 19.4 29.0

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Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#96
Benzo(g,h,i)perylene
Concen: 3.782 ng/ul
RT: 29.145 min Scan# 4430
Delta R.T. -0.012 min
Lab File: BN037727.D
Acq: 16 Sep 2025 11:31



Tgt Ion:276 Resp: 203868
Ion Ratio Lower Upper
276 100
138 21.2 16.7 25.1
277 23.3 18.8 28.2

