

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026162.D
 Acq On : 19 Nov 2025 17:34
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-4ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

Quant Time: Nov 19 17:53:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	273127	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1101014	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	715287	20.000	ng	-0.02
64) Phenanthrene-d10	17.113	188	1445364	20.000	ng	-0.02
76) Chrysene-d12	21.565	240	1577582	20.000	ng	0.00
86) Perylene-d12	24.889	264	1771600	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1887916	110.947	ng	0.00
7) Phenol-d6	6.849	99	2412503	111.365	ng	0.00
23) Nitrobenzene-d5	8.807	82	1592293	82.148	ng	0.00
42) 2,4,6-Tribromophenol	15.819	330	1022372	110.181	ng	-0.02
45) 2-Fluorobiphenyl	12.919	172	4021890	82.407	ng	-0.01
79) Terphenyl-d14	19.854	244	6474660	83.686	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.219	88	26516	3.842	ng	99
3) Pyridine	3.619	79	65299	3.274	ng	96
4) n-Nitrosodimethylamine	3.525	42	26577	3.565	ng	# 85
6) Aniline	7.001	93	105009	3.671	ng	99
8) 2-Chlorophenol	7.243	128	70966	3.664	ng	96
9) Benzaldehyde	6.819	77	60638	5.341	ng	97
10) Phenol	6.872	94	83044	3.558	ng	93
11) bis(2-Chloroethyl)ether	7.101	93	65626	3.592	ng	96
12) 1,3-Dichlorobenzene	7.560	146	78975	3.785	ng	97
13) 1,4-Dichlorobenzene	7.701	146	80103	3.810	ng	98
14) 1,2-Dichlorobenzene	8.013	146	79063	3.916	ng	99
15) Benzyl Alcohol	7.901	79	52711	3.321	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	95675	3.728	ng	99
17) 2-Methylphenol	8.101	107	51448	3.238	ng	98
18) Hexachloroethane	8.737	117	28141	3.678	ng	98
19) n-Nitroso-di-n-propyla...	8.460	70	48642	3.614	ng	96
20) 3+4-Methylphenols	8.425	107	68449	3.109	ng	95
22) Acetophenone	8.478	105	103275	3.690	ng	# 98
24) Nitrobenzene	8.848	77	75295	3.840	ng	99
25) Isophorone	9.372	82	134031	3.488	ng	99
26) 2-Nitrophenol	9.554	139	27431	2.765	ng	95
27) 2,4-Dimethylphenol	9.619	122	56675	3.168	ng	98
28) bis(2-Chloroethoxy)met...	9.854	93	86791	3.606	ng	99
29) 2,4-Dichlorophenol	10.090	162	57857	3.236	ng	96
30) 1,2,4-Trichlorobenzene	10.301	180	71866	3.947	ng	97
31) Naphthalene	10.490	128	222669	3.742	ng	99
32) Benzoic acid	9.678	122	22223m	1.475	ng	
33) 4-Chloroaniline	10.595	127	85744	3.388	ng	98
34) Hexachlorobutadiene	10.784	225	44612	3.767	ng	96
35) Caprolactam	11.348	113	17074	2.667	ng	97
36) 4-Chloro-3-methylphenol	11.725	107	58404	3.073	ng	98
37) 2-Methylnaphthalene	12.107	142	137849	3.268	ng	100
38) 1-Methylnaphthalene	12.325	142	147922	3.588	ng	97
40) 1,2,4,5-Tetrachloroben...	12.478	216	82291	3.805	ng	100
41) Hexachlorocyclopentadiene	12.466	237	45682	3.227	ng	96
43) 2,4,6-Trichlorophenol	12.725	196	45511	3.069	ng	99

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Instrument :
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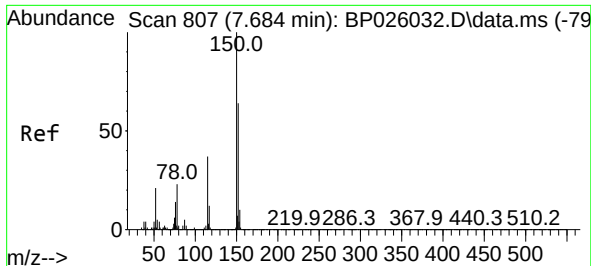
Quant Time: Nov 19 17:53:37 2025
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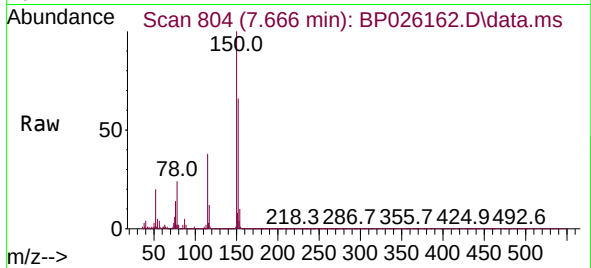
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	48404	2.924	ng	98
46) 1,1'-Biphenyl	13.131	154	204107	3.790	ng	99
47) 2-Chloronaphthalene	13.172	162	155025	3.660	ng	97
48) 2-Nitroaniline	13.372	65	31315	2.659	ng	91
49) Acenaphthylene	14.025	152	247994	3.550	ng	99
50) Dimethylphthalate	13.760	163	192448	3.602	ng	100
51) 2,6-Dinitrotoluene	13.866	165	33548	3.169	ng	93
52) Acenaphthene	14.372	154	154985	3.786	ng	97
53) 3-Nitroaniline	14.201	138	33076	2.654	ng	# 94
54) 2,4-Dinitrophenol	14.413	184	9960	1.559	ng	97
55) Dibenzofuran	14.713	168	242881	3.830	ng	99
56) 4-Nitrophenol	14.530	139	22401m	1.987	ng	
57) 2,4-Dinitrotoluene	14.666	165	41854	2.648	ng	# 94
58) Fluorene	15.372	166	191540	3.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	47586	3.389	ng	# 100
60) Diethylphthalate	15.148	149	190321	3.536	ng	99
61) 4-Chlorophenyl-phenyle...	15.377	204	98220	3.939	ng	96
62) 4-Nitroaniline	15.383	138	34156	2.639	ng	91
63) Azobenzene	15.672	77	158177	3.486	ng	99
65) 4,6-Dinitro-2-methylph...	15.448	198	19573	2.132	ng	98
66) n-Nitrosodiphenylamine	15.589	169	165791	3.708	ng	99
67) 4-Bromophenyl-phenylether	16.283	248	57670	3.603	ng	96
68) Hexachlorobenzene	16.401	284	68082	3.665	ng	98
69) Atrazine	16.566	200	55362	3.284	ng	98
70) Pentachlorophenol	16.760	266	34494	2.655	ng	96
71) Phenanthrene	17.154	178	311719	3.829	ng	100
72) Anthracene	17.248	178	301175	3.627	ng	99
73) Carbazole	17.524	167	275783	3.496	ng	99
74) Di-n-butylphthalate	18.136	149	310493	3.320	ng	98
75) Fluoranthene	19.248	202	354584	3.584	ng	99
77) Benzidine	19.448	184	150227	3.001	ng	98
78) Pyrene	19.630	202	375283	3.628	ng	99
80) Butylbenzylphthalate	20.595	149	138674	3.044	ng	100
81) Benzo(a)anthracene	21.548	228	396279	3.658	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	128781	3.269	ng	98
83) Chrysene	21.612	228	388516	3.805	ng	99
84) Bis(2-ethylhexyl)phtha...	21.512	149	221603	3.214	ng	97
85) Di-n-octyl phthalate	22.795	149	351112	2.912	ng	99
87) Indeno(1,2,3-cd)pyrene	28.653	276	455947m	3.432	ng	
88) Benzo(b)fluoranthene	23.842	252	384558	3.564	ng	98
89) Benzo(k)fluoranthene	23.912	252	391570	3.634	ng	# 98
90) Benzo(a)pyrene	24.730	252	364991	3.572	ng	100
91) Dibenzo(a,h)anthracene	28.736	278	370034	3.402	ng	99
92) Benzo(g,h,i)perylene	29.812	276	366815	3.393	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.666 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34

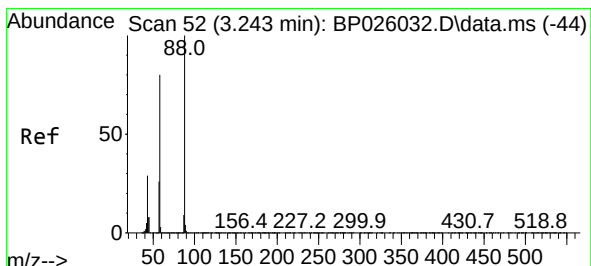
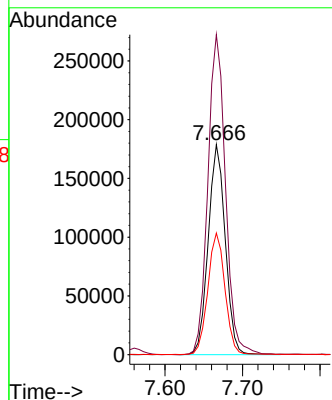
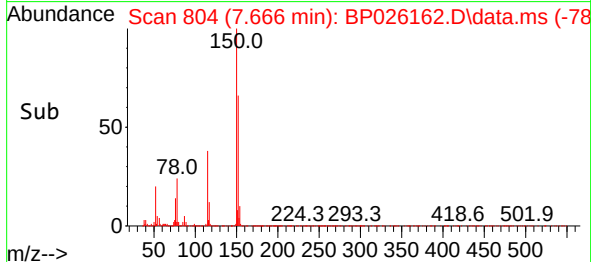
Instrument :
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 LOD-MDL-SOIL-01-QT4-2025



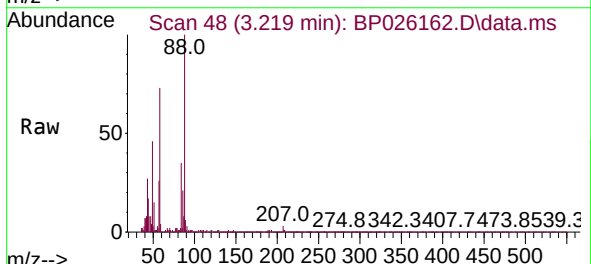
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 Ion Ratio Lower Upper
 152 100
 150 152.4 123.0 184.6
 115 57.9 46.3 69.5

Manual Integrations
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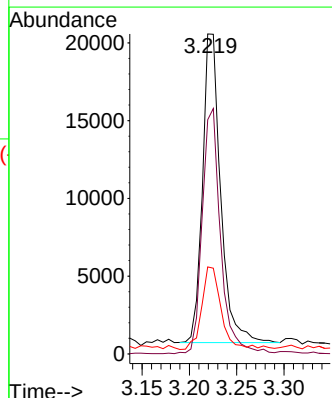
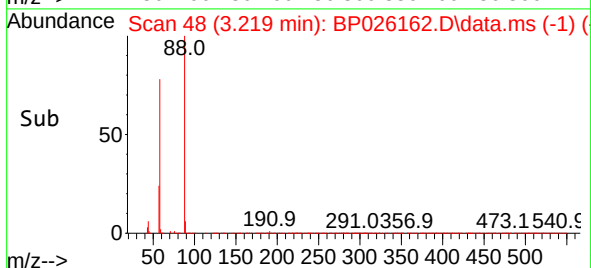
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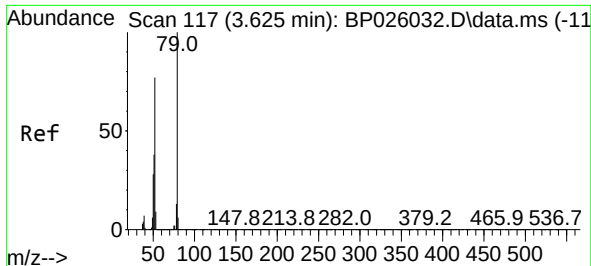


#2
 1,4-Dioxane
 Concen: 3.842 ng
 RT: 3.219 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34



Tgt Ion: 88 Resp: 26516
 Ion Ratio Lower Upper
 88 100
 58 80.4 64.2 96.4
 43 27.9 21.5 32.3





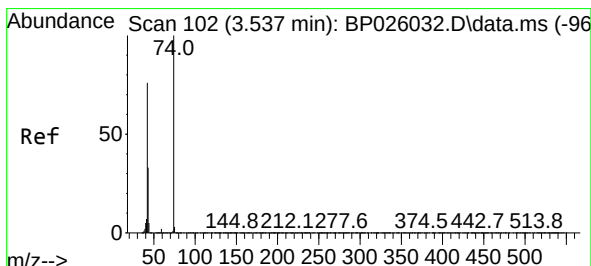
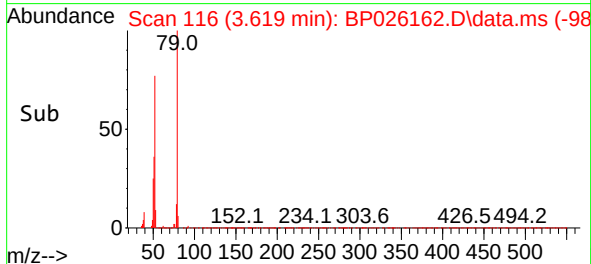
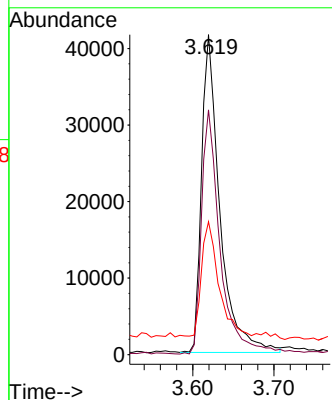
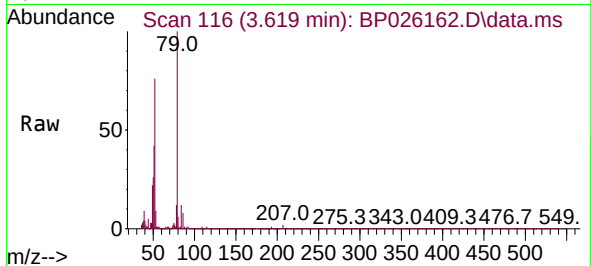
#3
Pyridine
Concen: 3.274 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 79 Resp: 65299
Ion Ratio Lower Upper
79 100
52 76.5 60.2 90.2
51 41.5 29.5 44.3

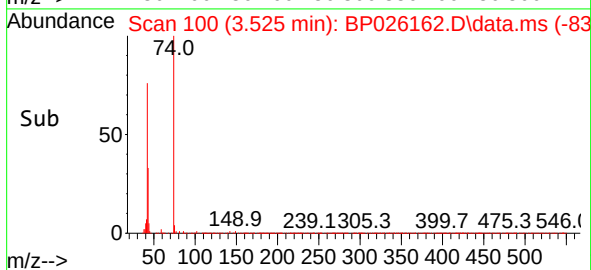
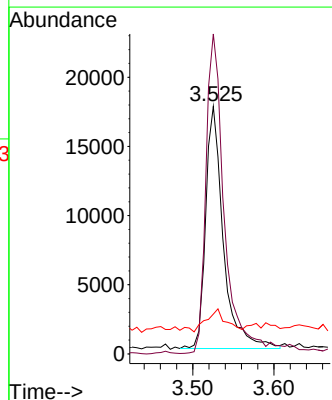
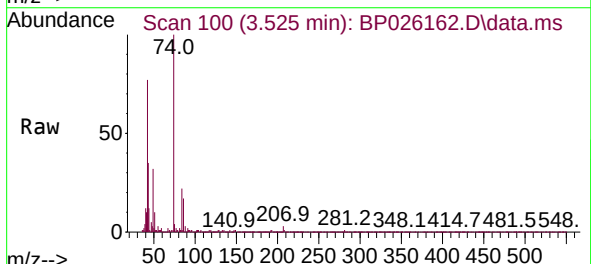
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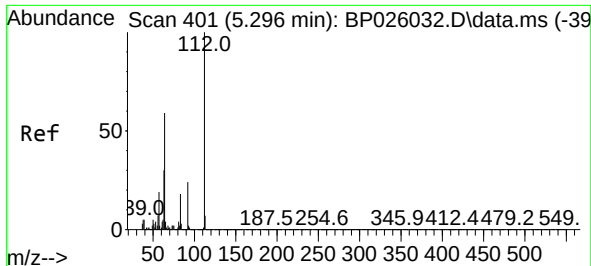
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#4
n-Nitrosodimethylamine
Concen: 3.565 ng
RT: 3.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

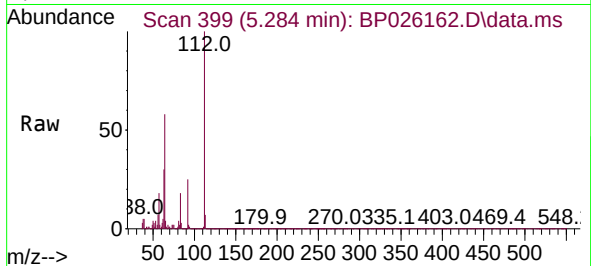
Tgt Ion: 42 Resp: 26577
Ion Ratio Lower Upper
42 100
74 129.3 118.1 177.1
44 16.1 6.2 9.4#





#5
2-Fluorophenol
Concen: 110.947 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

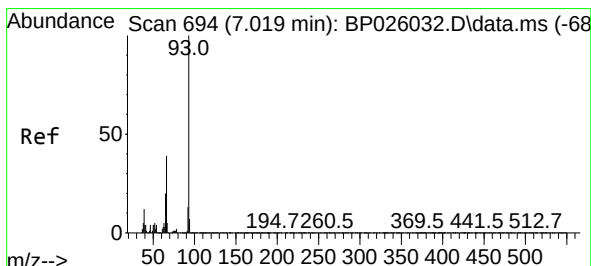
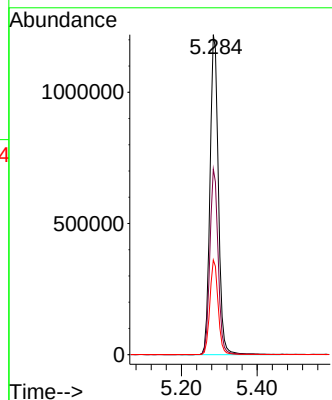
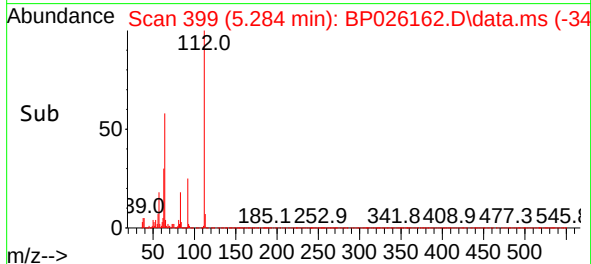
Instrument :
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LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:112 Resp: 1887916
Ion Ratio Lower Upper
112 100
64 58.0 45.8 68.6
63 29.6 23.5 35.3

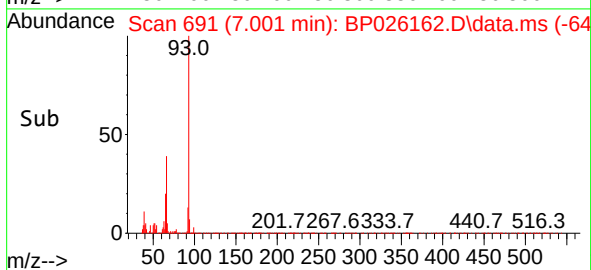
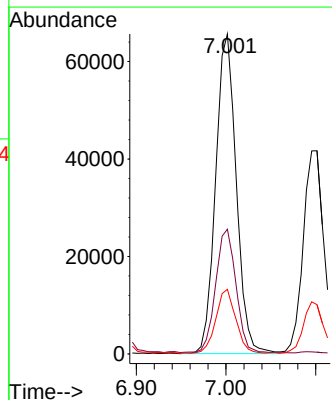
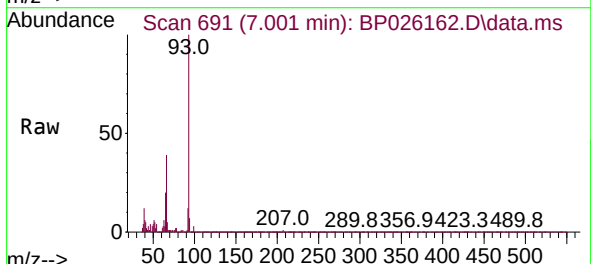
Manual Integrations
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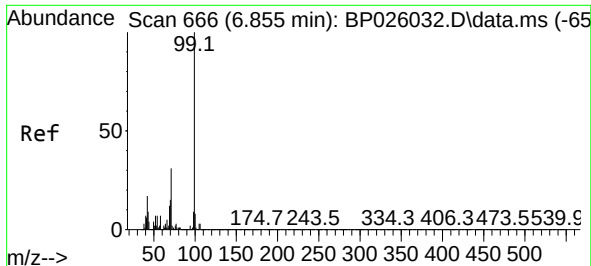
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#6
Aniline
Concen: 3.671 ng
RT: 7.001 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

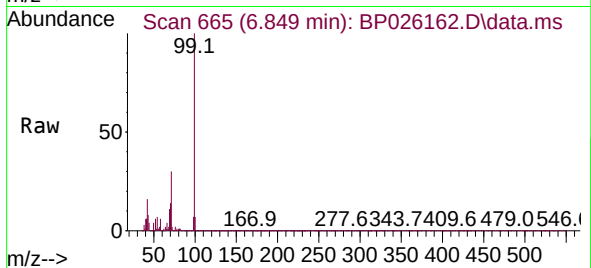
Tgt Ion: 93 Resp: 105009
Ion Ratio Lower Upper
93 100
66 39.0 31.7 47.5
65 20.2 15.8 23.6





#7
Phenol-d6
Concen: 111.365 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

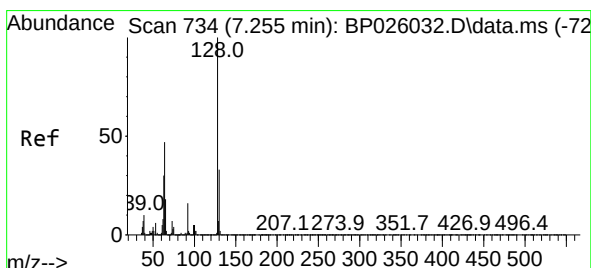
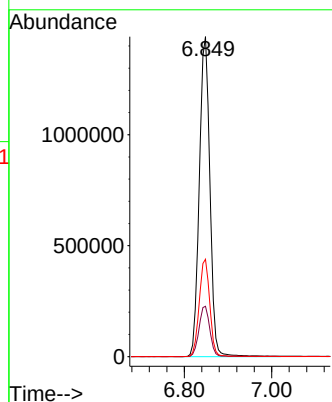
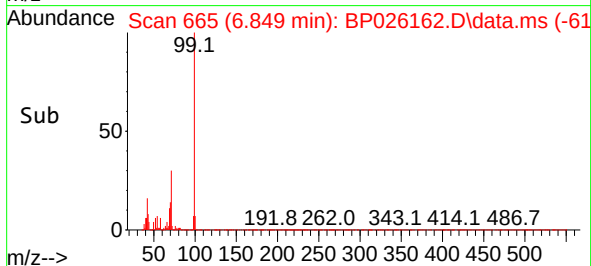
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 99 Resp: 2412503
Ion Ratio Lower Upper
99 100
42 15.7 12.9 19.3
71 30.4 24.8 37.2

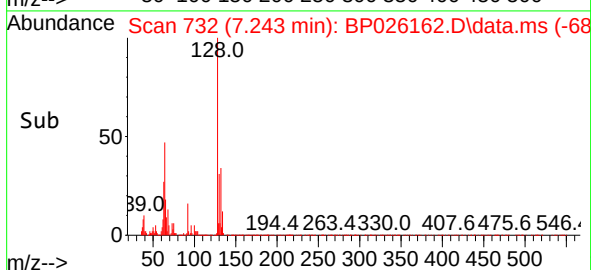
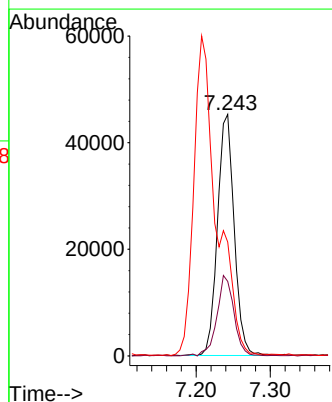
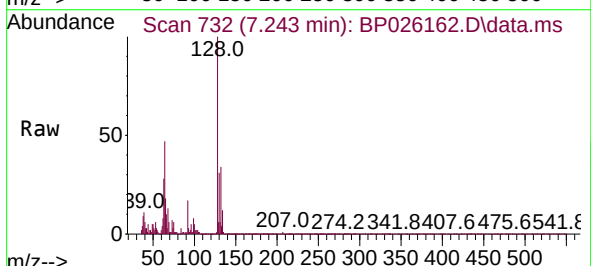
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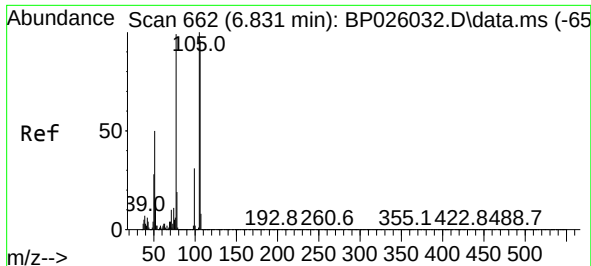
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#8
2-Chlorophenol
Concen: 3.664 ng
RT: 7.243 min Scan# 732
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:128 Resp: 70966
Ion Ratio Lower Upper
128 100
130 30.8 12.4 52.4
64 47.2 23.9 63.9





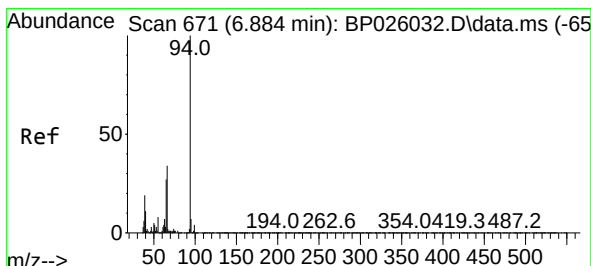
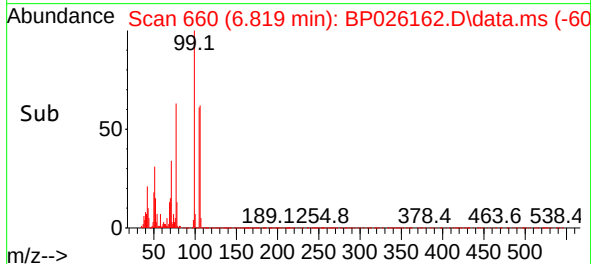
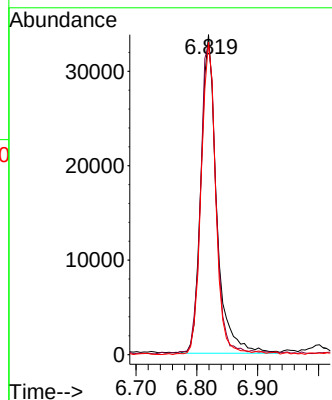
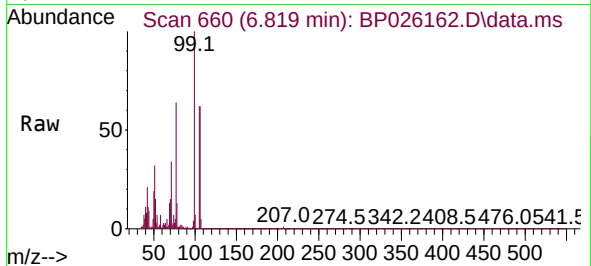
#9
Benzaldehyde
Concen: 5.341 ng
RT: 6.819 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 77 Resp: 60638
Ion Ratio Lower Upper
77 100
105 96.7 82.9 122.9
106 97.7 77.8 117.8

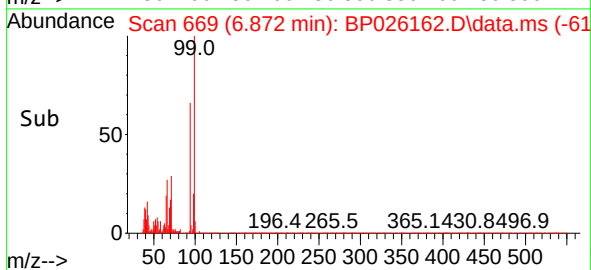
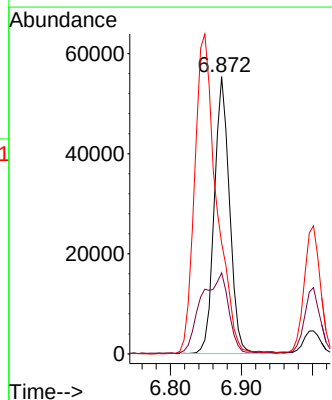
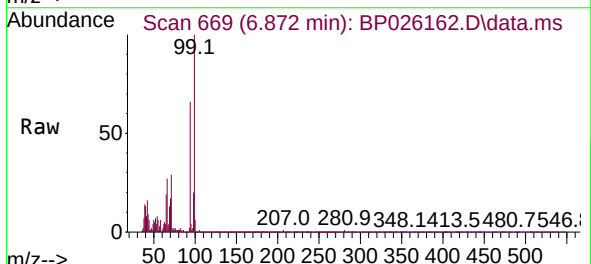
Manual Integrations
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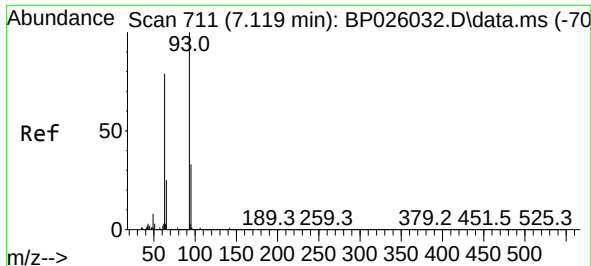
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#10
Phenol
Concen: 3.558 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 94 Resp: 83044
Ion Ratio Lower Upper
94 100
65 29.2 7.0 47.0
66 40.0 14.5 54.5





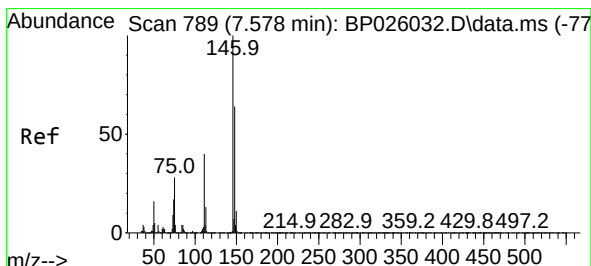
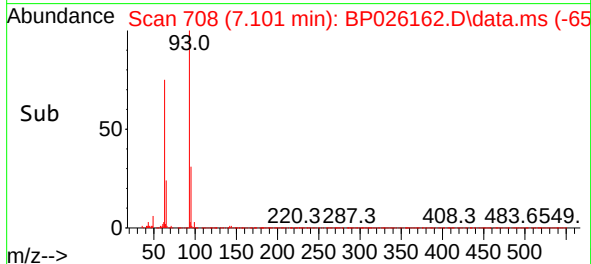
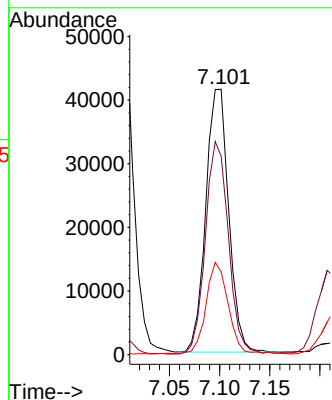
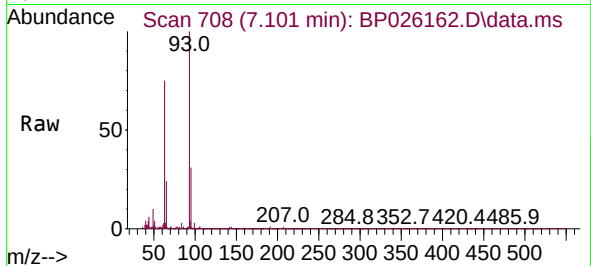
#11
bis(2-Chloroethyl)ether
Concen: 3.592 ng
RT: 7.101 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 93 Resp: 65626
Ion Ratio Lower Upper
93 100
63 74.8 58.8 98.8
95 31.2 12.1 52.1

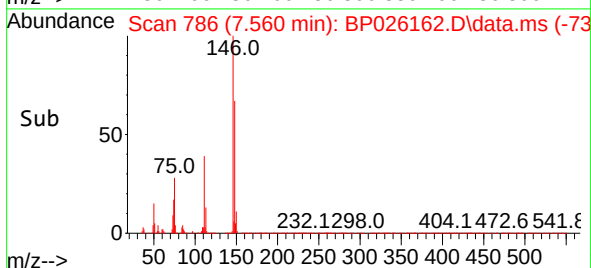
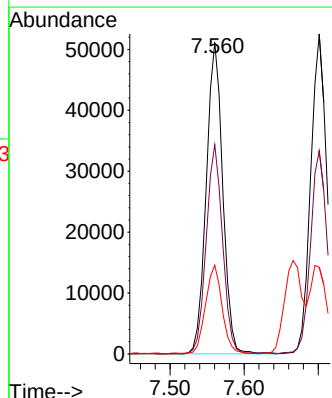
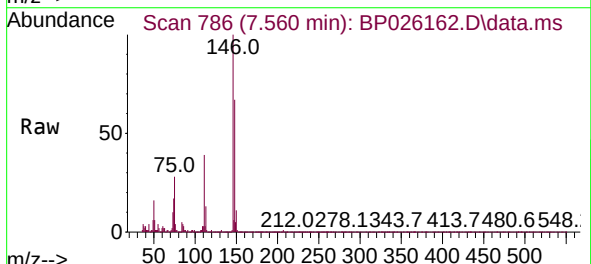
Manual Integrations
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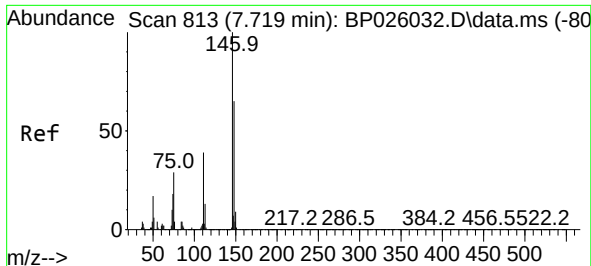
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#12
1,3-Dichlorobenzene
Concen: 3.785 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:146 Resp: 78975
Ion Ratio Lower Upper
146 100
148 67.2 51.8 77.8
75 28.5 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 3.810 ng

RT: 7.701 min Scan# 813

Delta R.T. -0.000 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

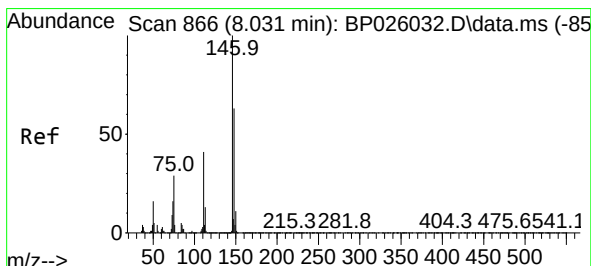
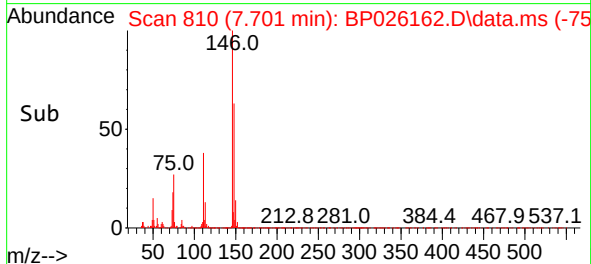
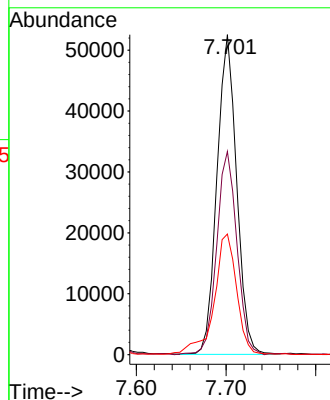
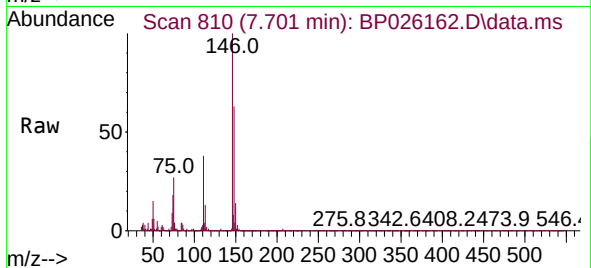
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	146	Resp:	80103
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.2
111	37.7	31.7	47.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#14

1,2-Dichlorobenzene

Concen: 3.916 ng

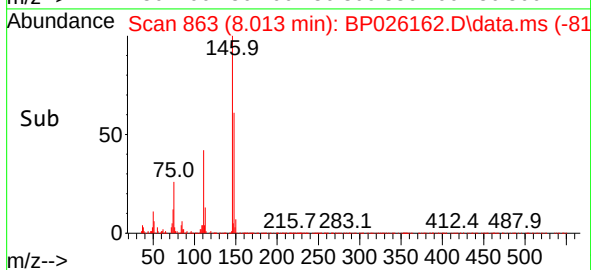
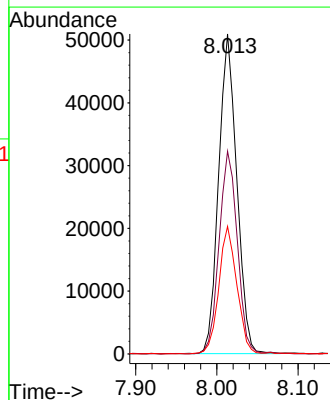
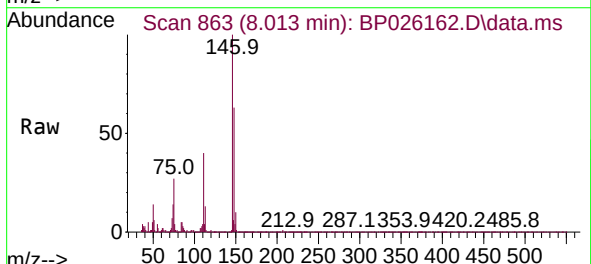
RT: 8.013 min Scan# 863

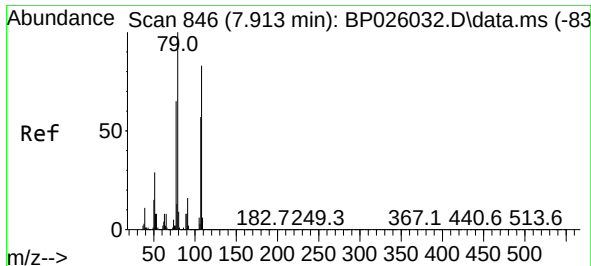
Delta R.T. -0.000 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

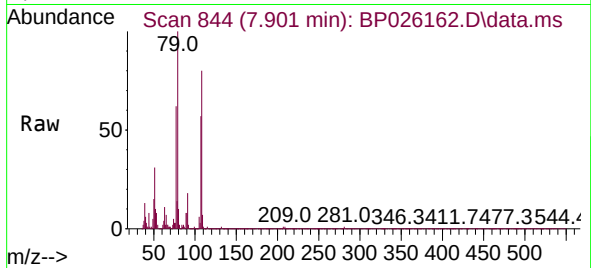
Tgt Ion:	146	Resp:	79063
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.6
111	39.8	33.0	49.4





#15
Benzyl Alcohol
Concen: 3.321 ng
RT: 7.901 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

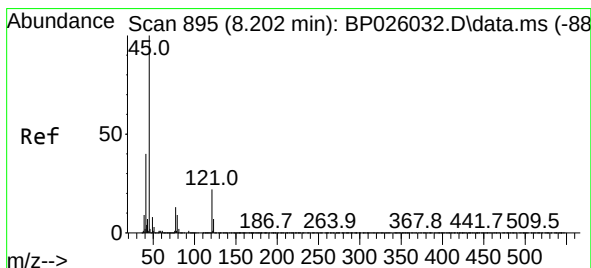
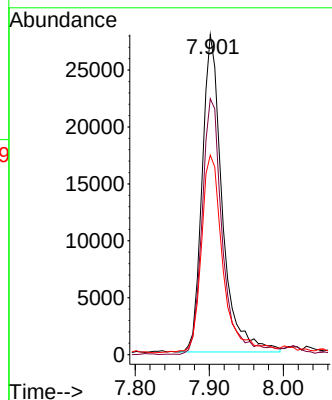
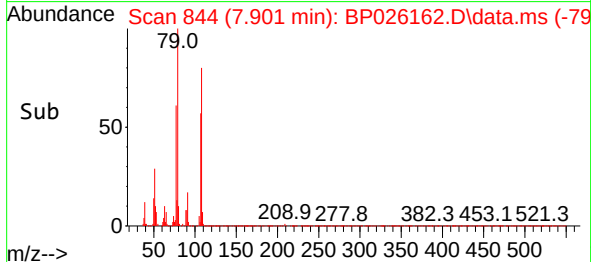
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



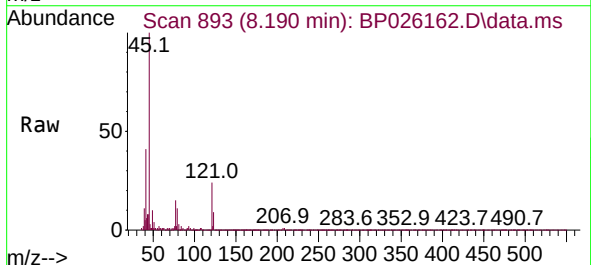
Tgt Ion: 79 Resp: 5271
Ion Ratio Lower Upper
79 100
108 80.0 66.2 99.4
77 62.3 50.0 75.0

Manual Integrations
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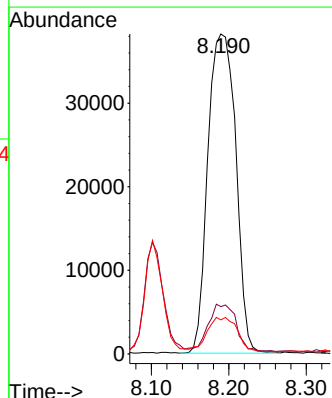
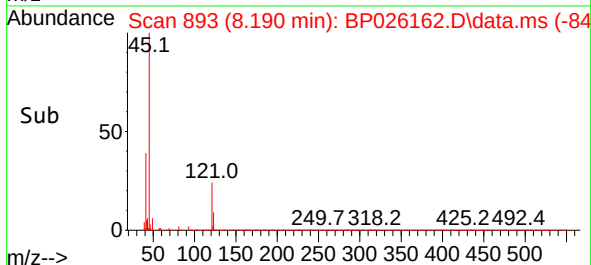
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

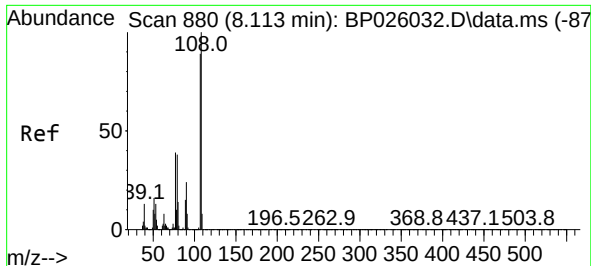


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.728 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



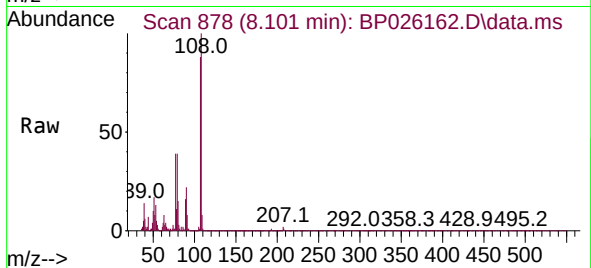
Tgt Ion: 45 Resp: 95675
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.9
79 10.6 0.0 30.4





#17
2-Methylphenol
Concen: 3.238 ng
RT: 8.101 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

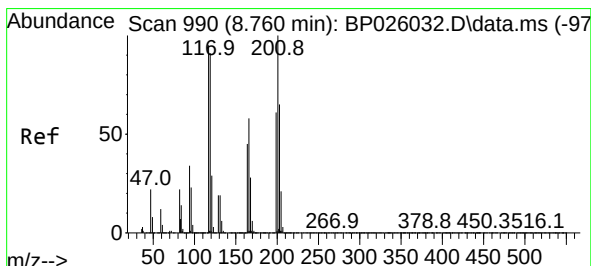
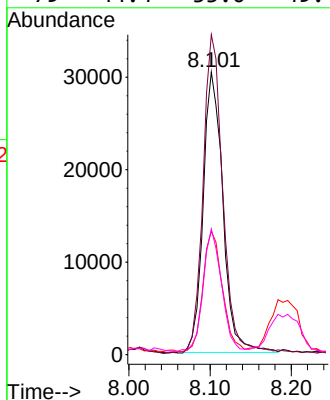
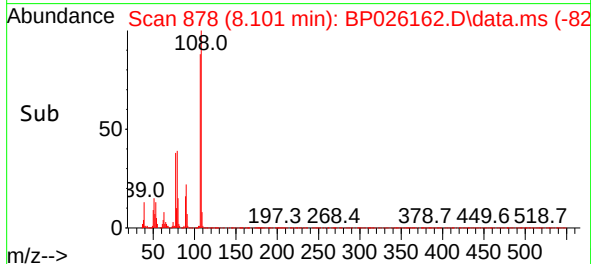
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:107 Resp: 51448
Ion Ratio Lower Upper
107 100
108 113.2 89.7 134.5
77 43.6 33.9 50.9
79 44.4 33.0 49.4

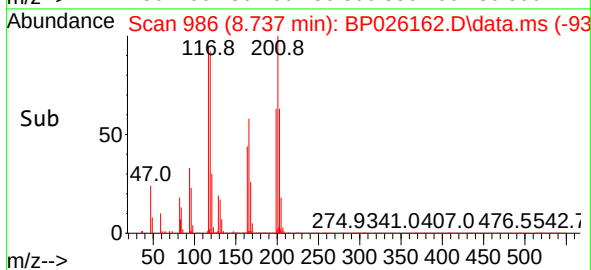
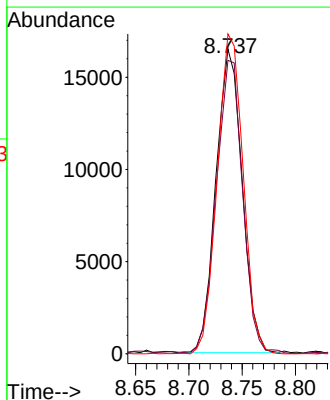
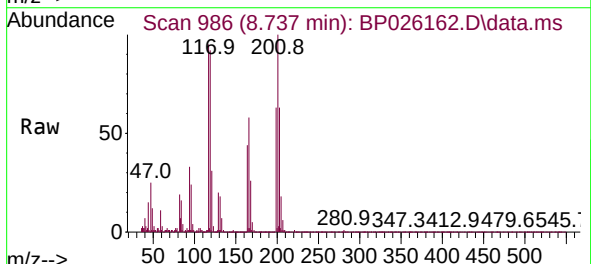
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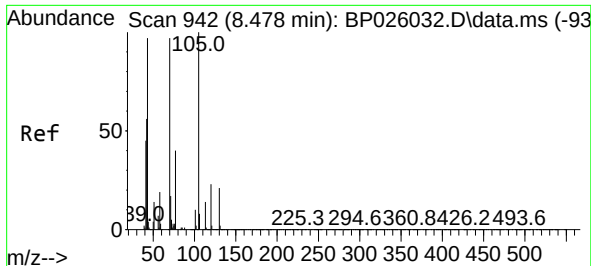
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#18
Hexachloroethane
Concen: 3.678 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

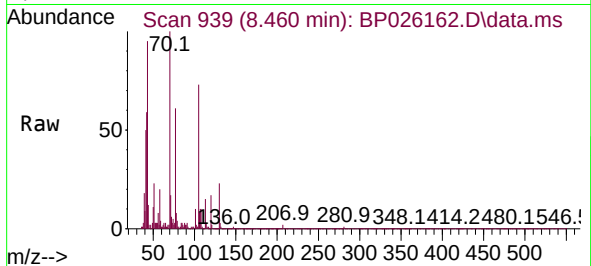
Tgt Ion:117 Resp: 28141
Ion Ratio Lower Upper
117 100
119 96.3 78.7 118.1
201 105.0 85.1 127.7





#19
n-Nitroso-di-n-propylamine
Concen: 3.614 ng
RT: 8.460 min Scan# 931
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

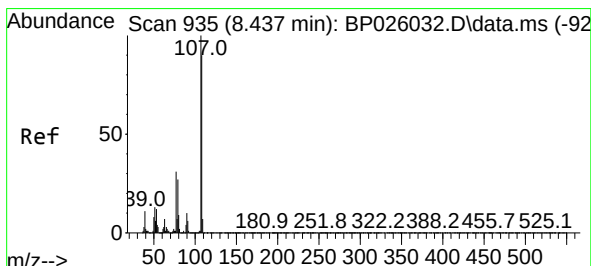
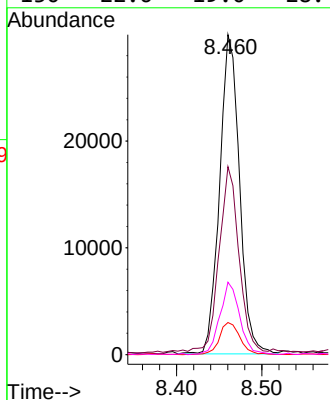
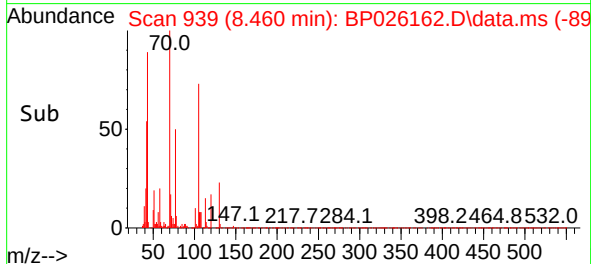
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



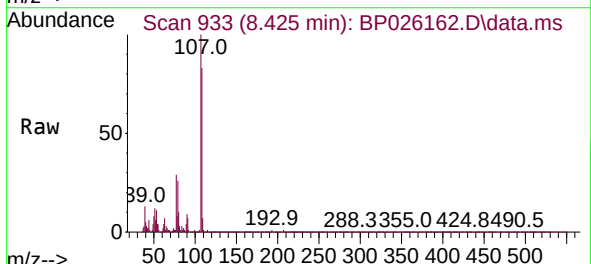
Tgt Ion: 70 Resp: 48642
Ion Ratio Lower Upper
70 100
42 58.7 44.1 66.1
101 10.0 8.2 12.4
130 22.6 19.0 28.4

Manual Integrations
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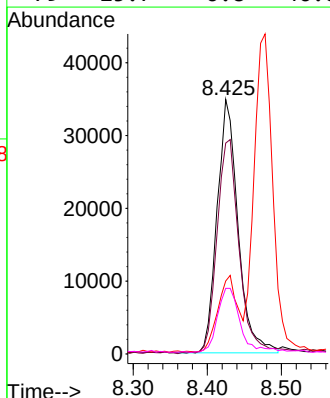
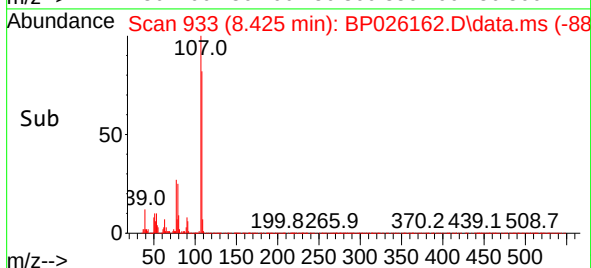
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

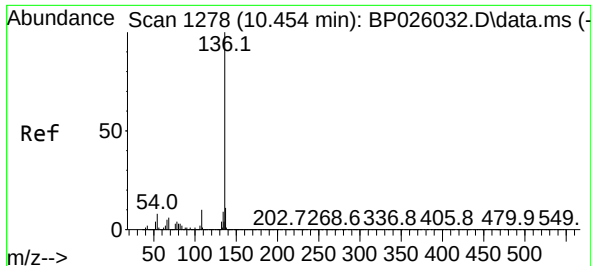


#20
3+4-Methylphenols
Concen: 3.109 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



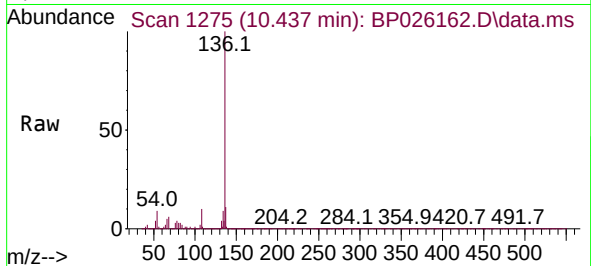
Tgt Ion:107 Resp: 68449
Ion Ratio Lower Upper
107 100
108 82.8 68.9 108.9
77 28.6 10.4 50.4
79 25.7 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

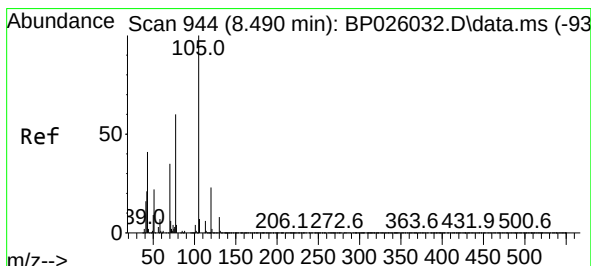
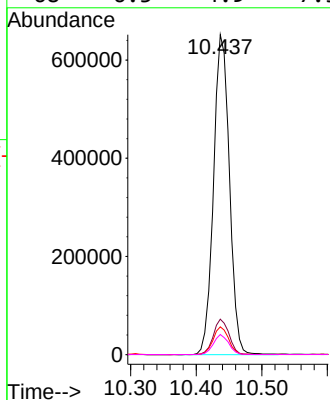
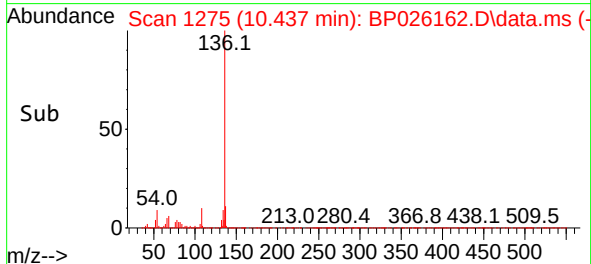


Tgt Ion:136 Resp: 1101014

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.7	6.4	9.6
68	6.3	4.9	7.3

Manual Integrations
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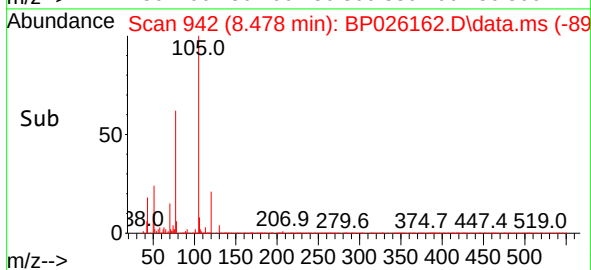
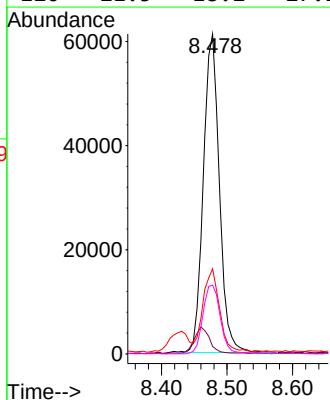
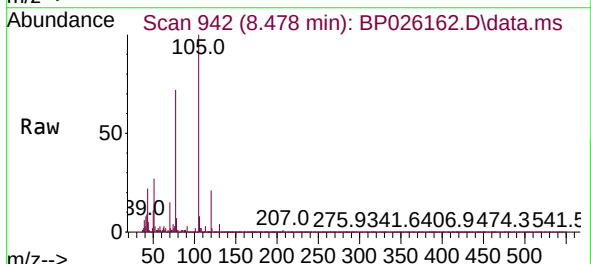
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

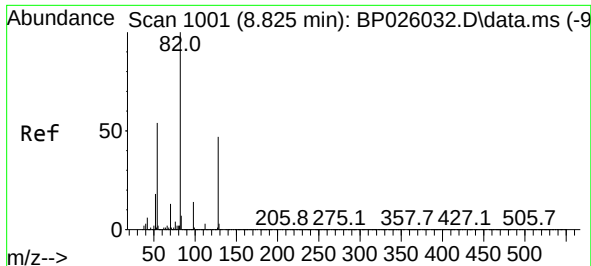


#22
Acetophenone
Concen: 3.690 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:105 Resp: 103275

Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.0	4.4#
51	26.6	20.5	30.7
120	21.5	18.2	27.2





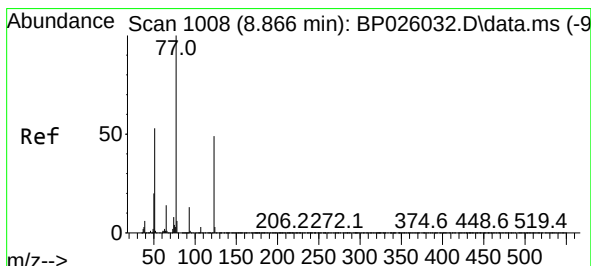
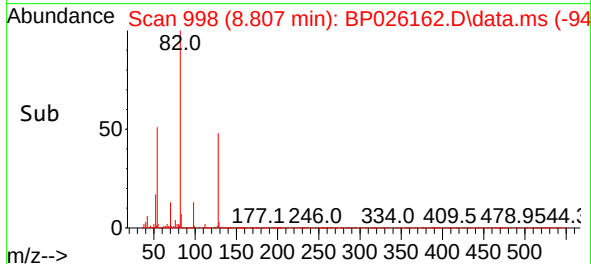
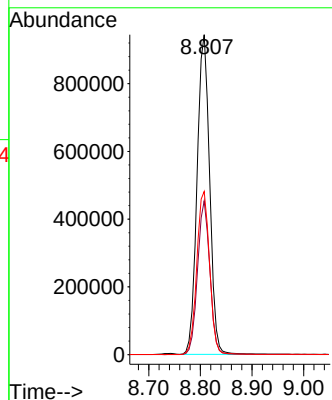
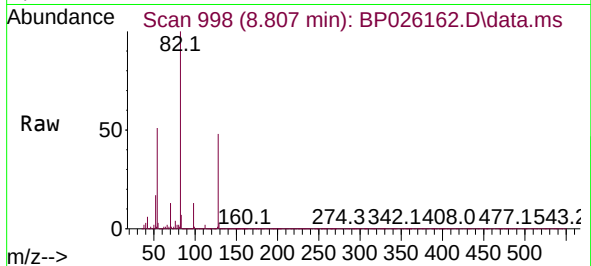
#23
Nitrobenzene-d5
Concen: 82.148 ng
RT: 8.807 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 82 Resp: 1592293
Ion Ratio Lower Upper
82 100
128 48.1 37.4 56.0
54 51.0 41.6 62.4

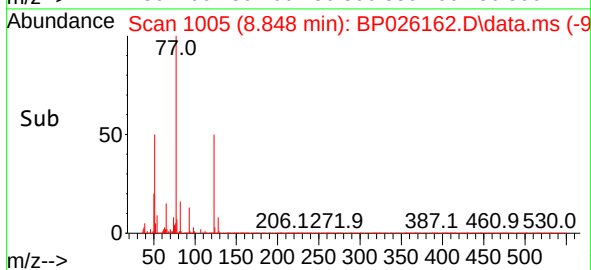
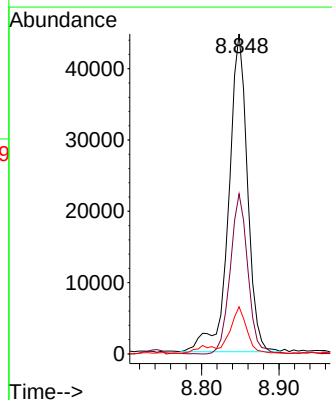
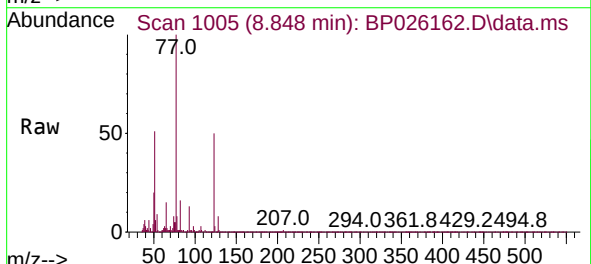
Manual Integrations
APPROVED

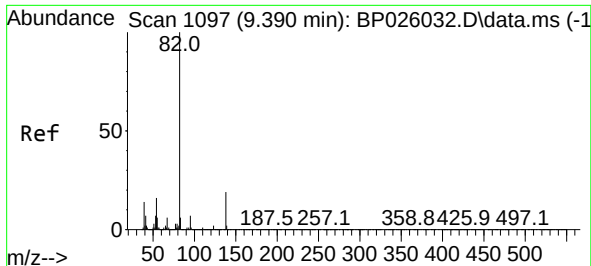
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#24
Nitrobenzene
Concen: 3.840 ng
RT: 8.848 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 77 Resp: 75295
Ion Ratio Lower Upper
77 100
123 50.0 39.8 59.8
65 14.7 11.2 16.8





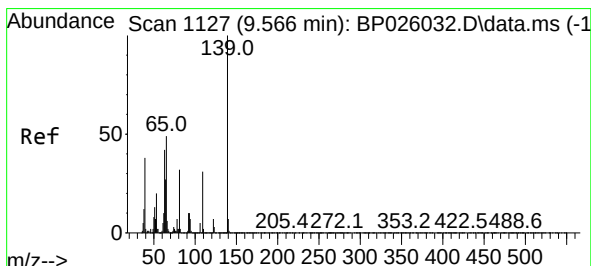
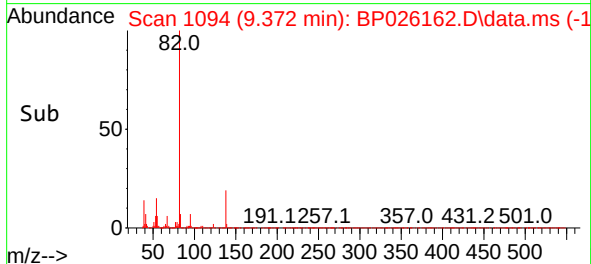
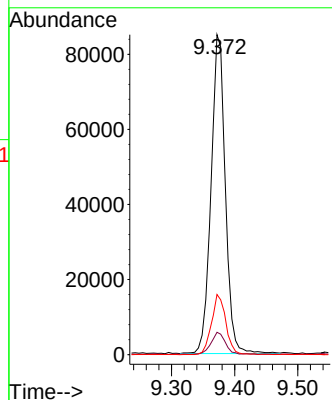
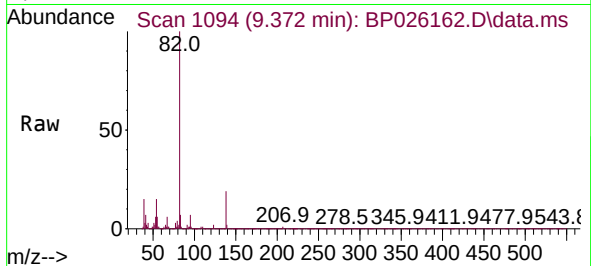
#25
Isophorone
Concen: 3.488 ng
RT: 9.372 min Scan# 1097
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 82 Resp: 134031
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 18.8 15.4 23.0

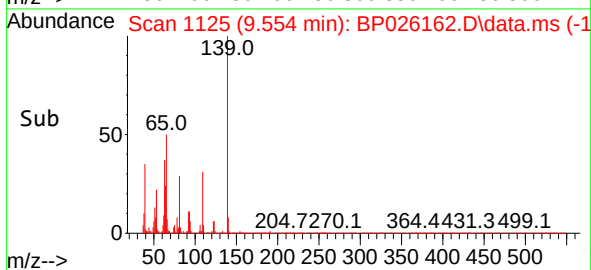
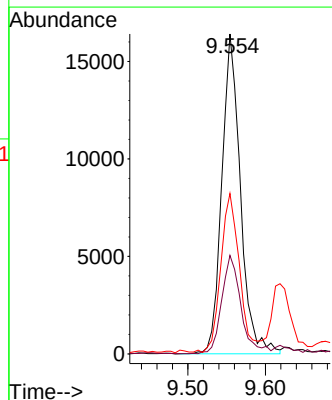
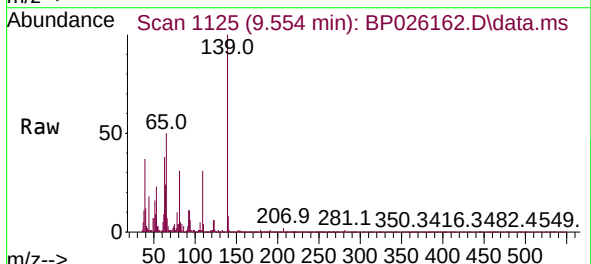
Manual Integrations
APPROVED

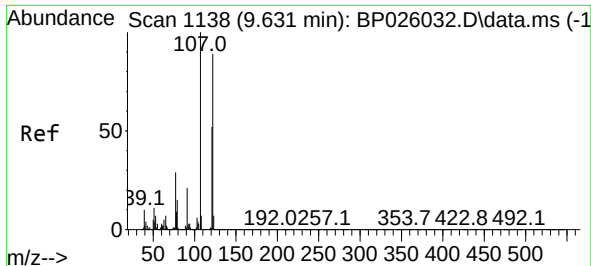
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#26
2-Nitrophenol
Concen: 2.765 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:139 Resp: 27431
Ion Ratio Lower Upper
139 100
109 30.8 22.3 33.5
65 50.1 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 3.168 ng

RT: 9.619 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BP026162.D

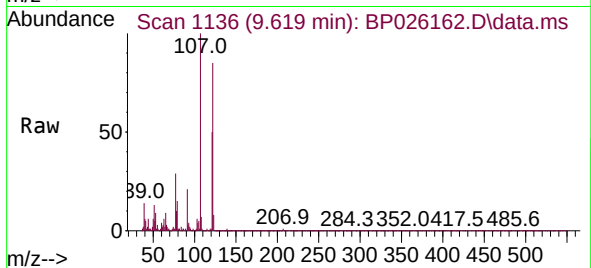
Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

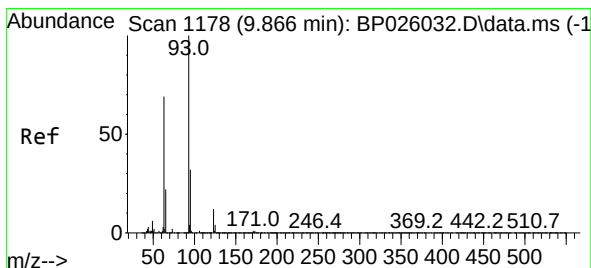
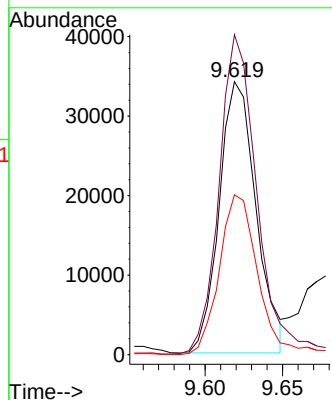
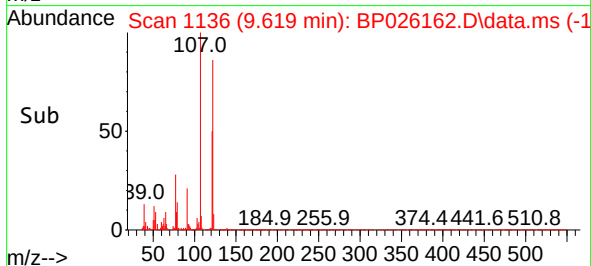


Tgt Ion:	122	Resp:	56675
Ion Ratio	Lower	Upper	
122	100		
107	117.3	91.0	136.6
121	58.5	47.0	70.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 3.606 ng

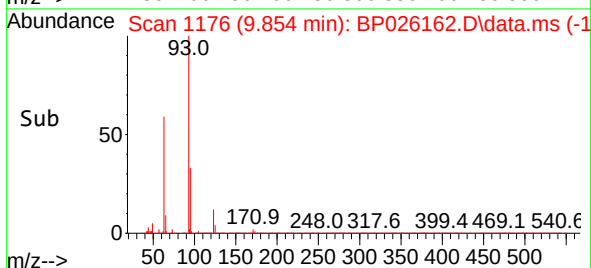
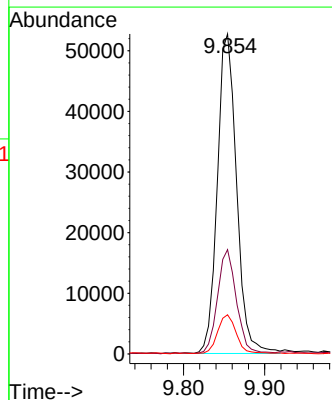
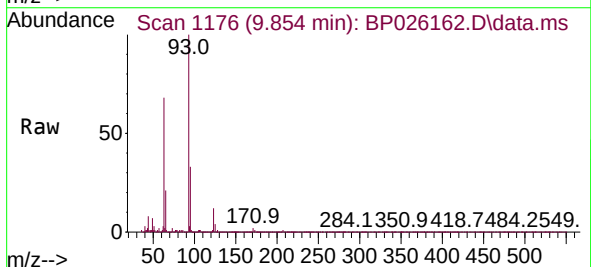
RT: 9.854 min Scan# 1176

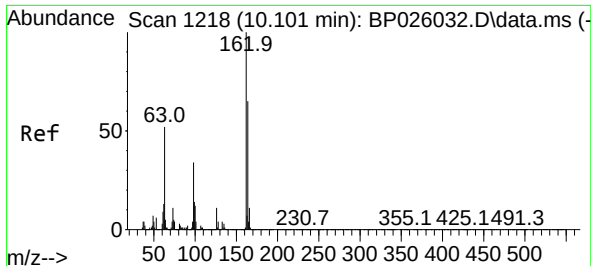
Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Tgt Ion:	93	Resp:	86791
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	12.2	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 3.236 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

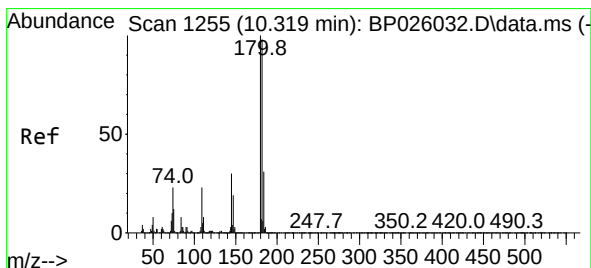
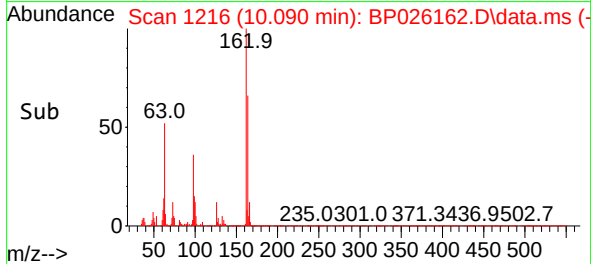
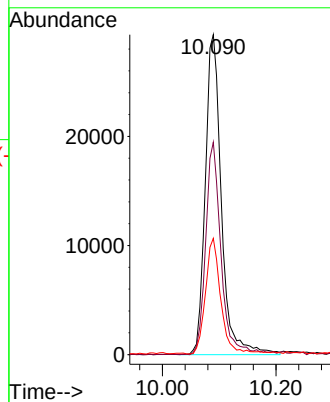
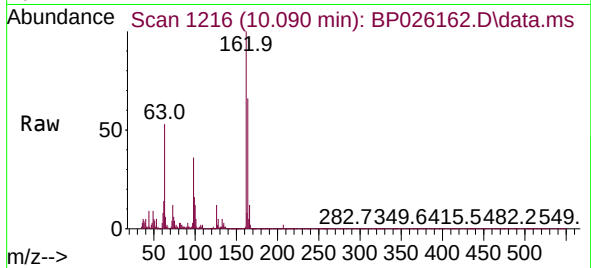
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	162	Resp:	5785
Ion Ratio	Lower	Upper	
162	100		
164	66.4	43.8	83.8
98	36.3	14.1	54.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 3.947 ng

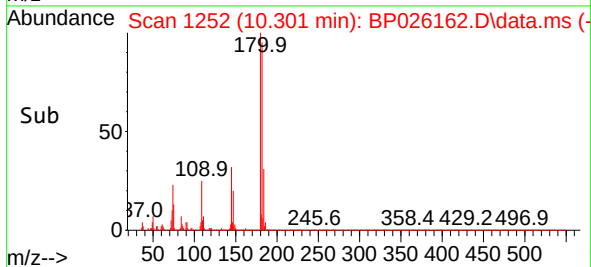
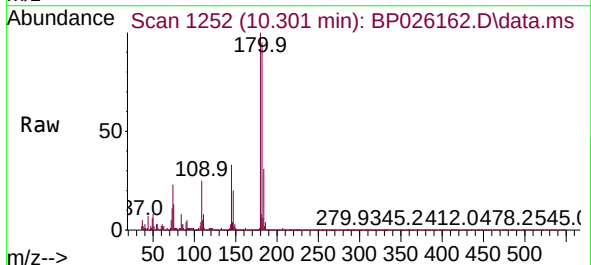
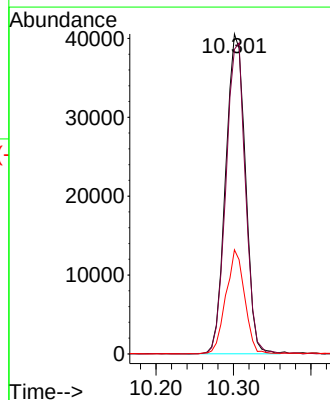
RT: 10.301 min Scan# 1252

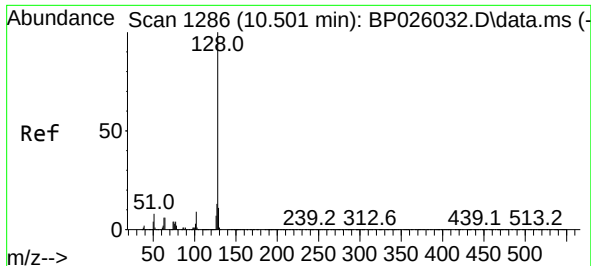
Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

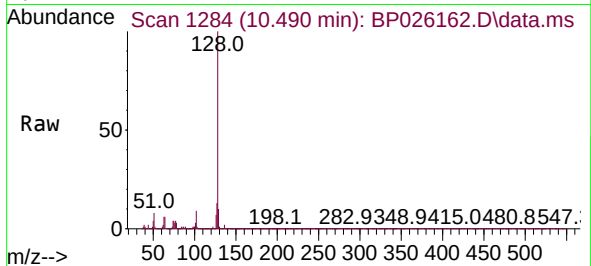
Tgt Ion:	180	Resp:	71866
Ion Ratio	Lower	Upper	
180	100		
182	95.2	78.1	117.1
145	32.5	24.2	36.4





#31
Naphthalene
Concen: 3.742 ng
RT: 10.490 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

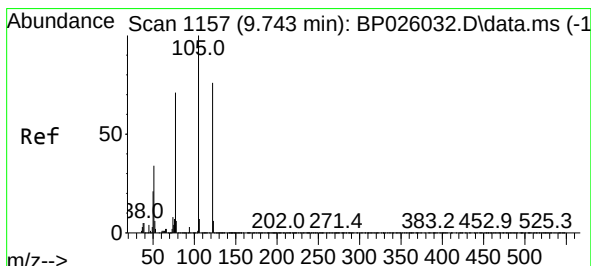
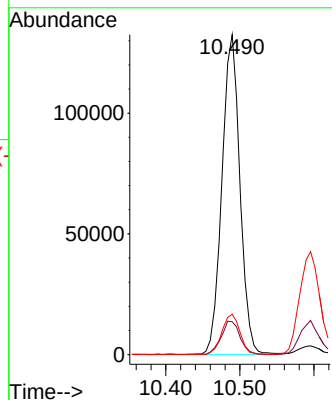
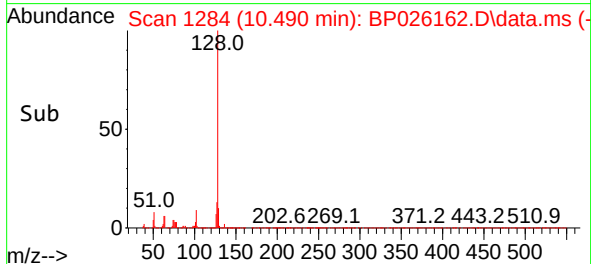
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:128 Resp: 222669
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 12.6 10.2 15.4

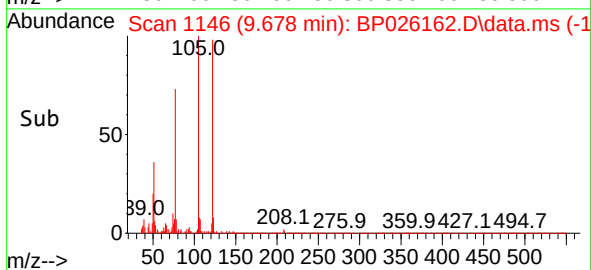
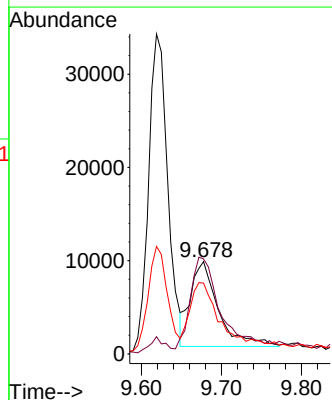
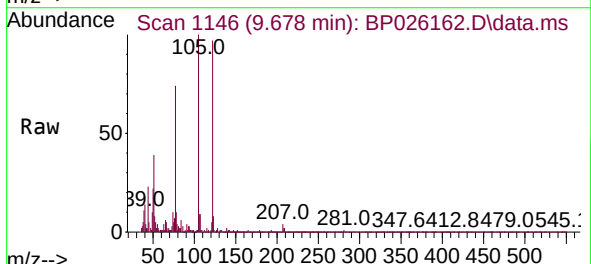
Manual Integrations
APPROVED

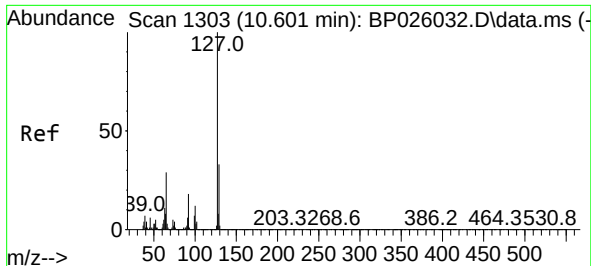
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#32
Benzoic acid
Concen: 1.475 ng m
RT: 9.678 min Scan# 1146
Delta R.T. -0.088 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

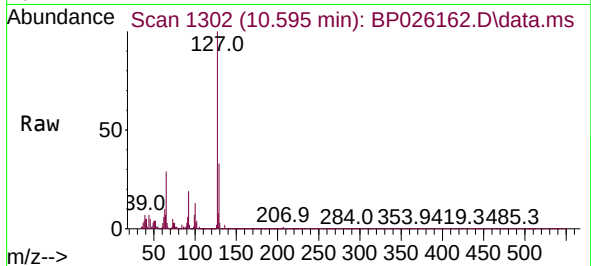
Tgt Ion:122 Resp: 22223
Ion Ratio Lower Upper
122 100
105 102.9 100.1 140.1
77 76.6 66.7 106.7





#33
4-Chloroaniline
Concen: 3.388 ng
RT: 10.595 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

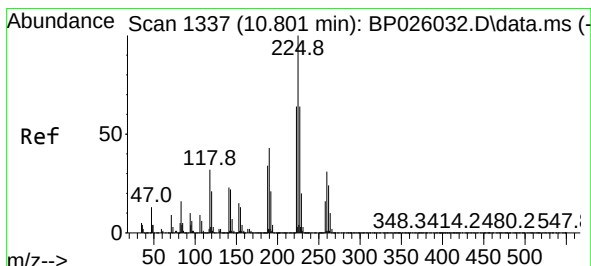
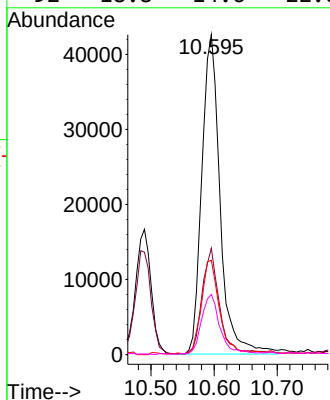
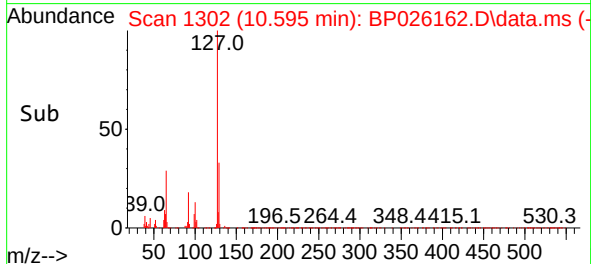
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



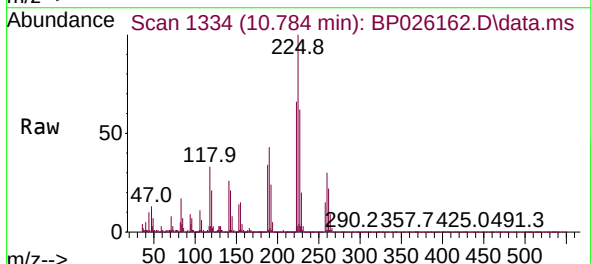
Tgt Ion:127 Resp: 85744
Ion Ratio Lower Upper
127 100
129 33.3 25.8 38.8
65 29.5 22.7 34.1
92 18.8 14.6 22.0

Manual Integrations
APPROVED

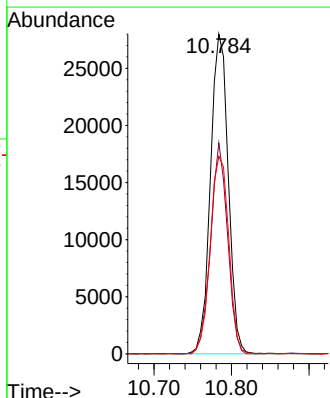
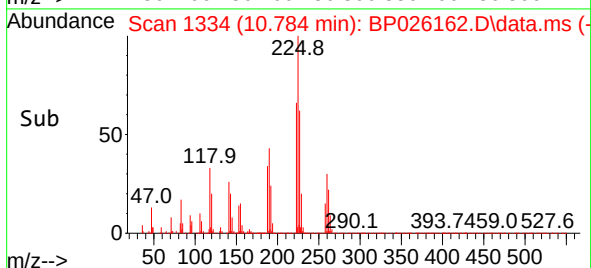
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

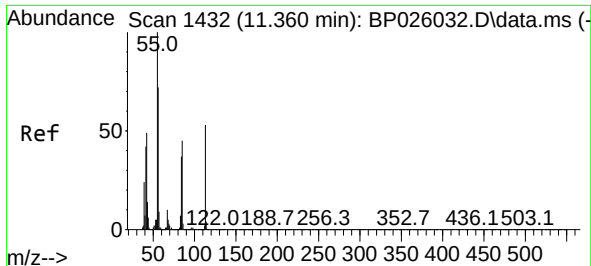


#34
Hexachlorobutadiene
Concen: 3.767 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



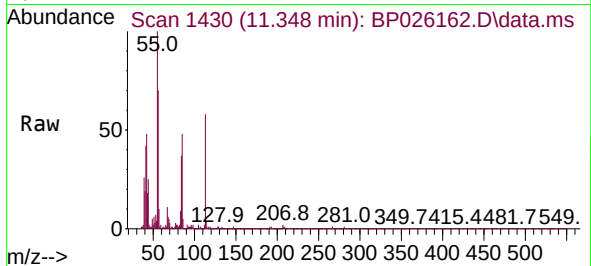
Tgt Ion:225 Resp: 44612
Ion Ratio Lower Upper
225 100
223 65.9 49.6 74.4
227 61.7 51.2 76.8





#35
Caprolactam
Concen: 2.667 ng
RT: 11.348 min Scan# 1432
Delta R.T. -0.029 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

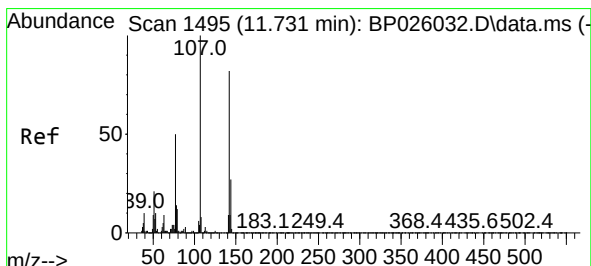
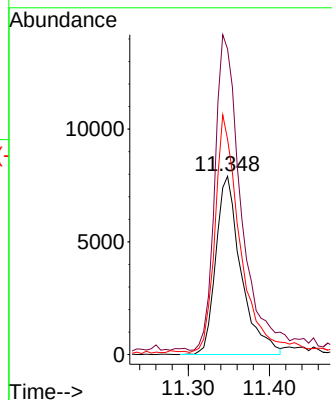
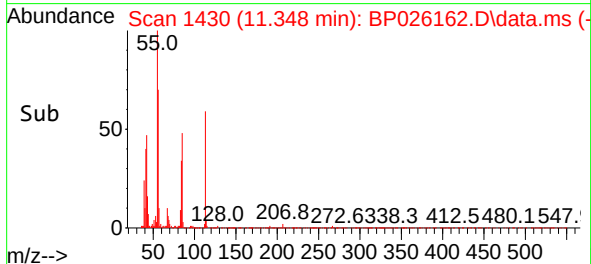
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:113 Resp: 17074
Ion Ratio Lower Upper
113 100
55 171.3 153.0 193.0
56 120.7 106.4 146.4

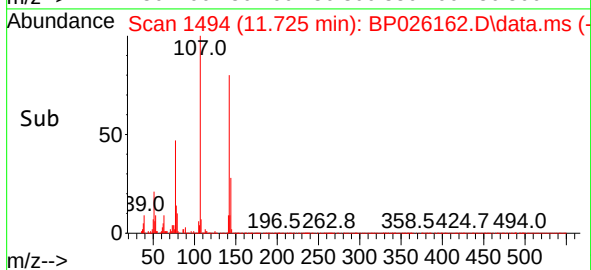
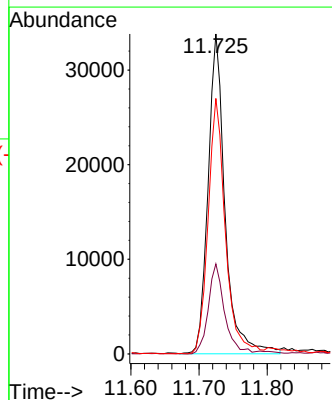
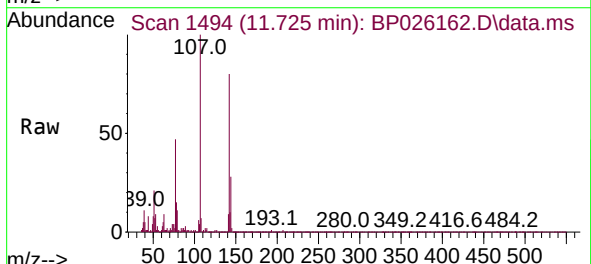
Manual Integrations
APPROVED

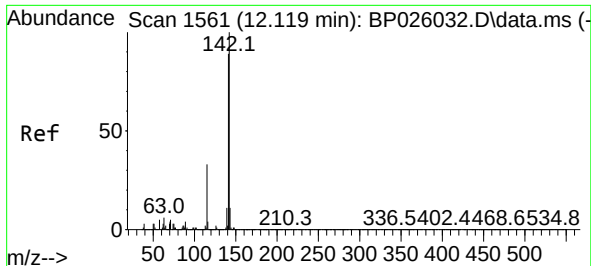
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#36
4-Chloro-3-methylphenol
Concen: 3.073 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

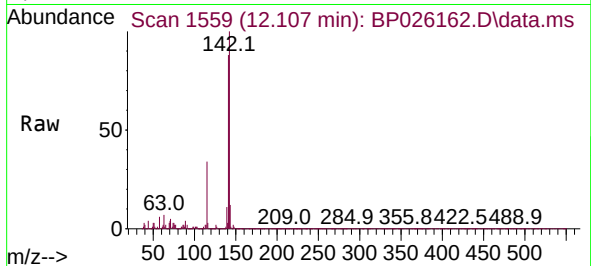
Tgt Ion:107 Resp: 58404
Ion Ratio Lower Upper
107 100
144 28.1 21.6 32.4
142 79.8 65.6 98.4





#37
2-Methylnaphthalene
Concen: 3.268 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

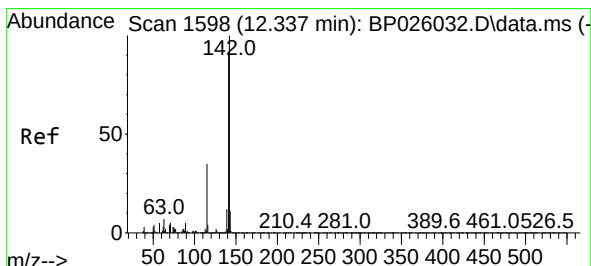
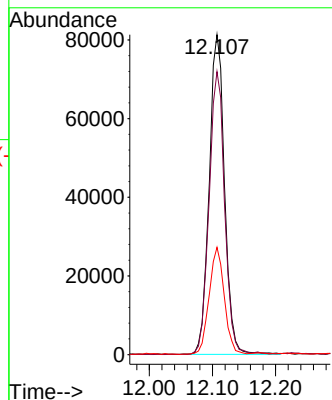
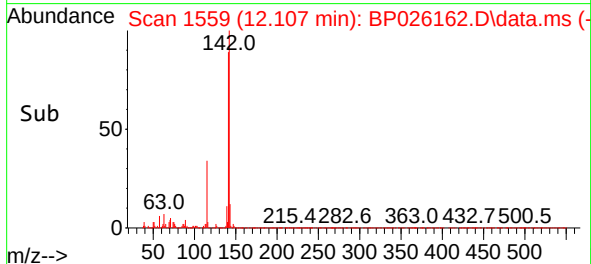
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:142 Resp: 137849
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 33.5 26.6 39.8

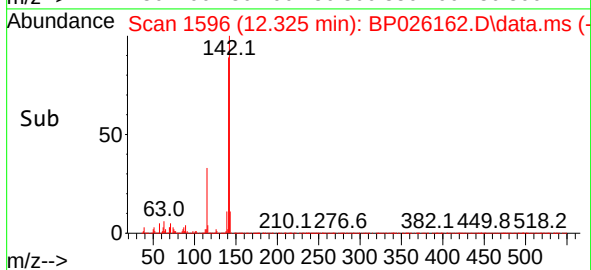
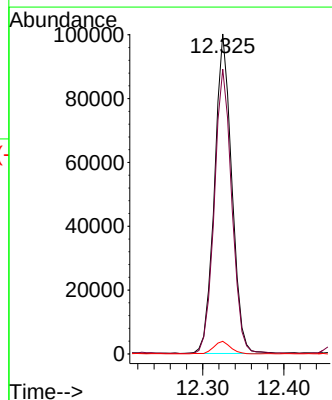
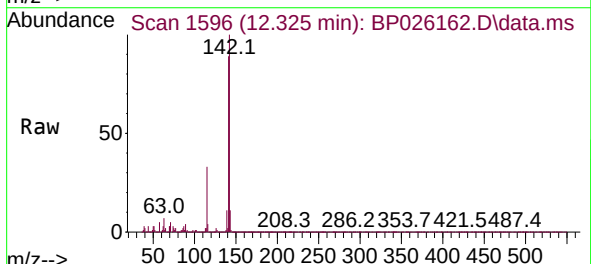
Manual Integrations
APPROVED

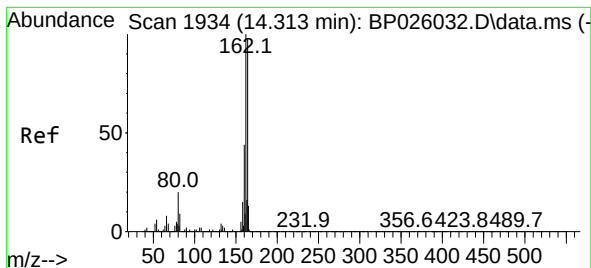
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#38
1-Methylnaphthalene
Concen: 3.588 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:142 Resp: 147922
Ion Ratio Lower Upper
142 100
141 89.0 73.5 110.3
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.307 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

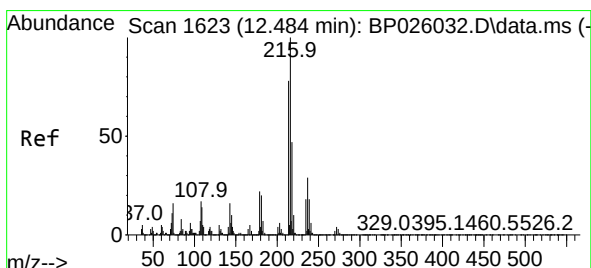
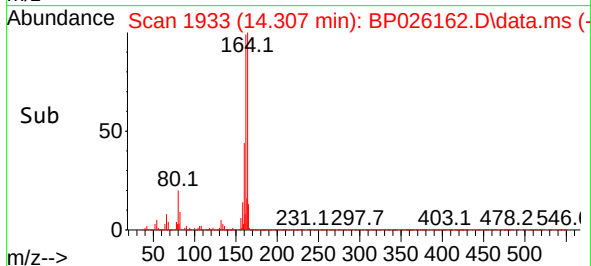
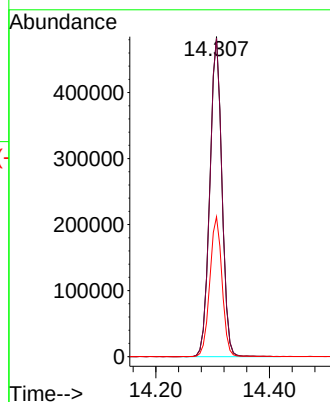
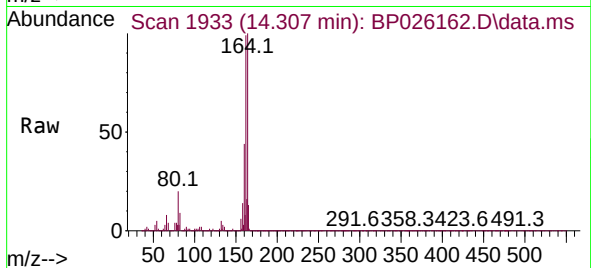
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	164	Resp:	71528
Ion Ratio	Lower	Upper	
164	100		
162	99.4	80.3	120.5
160	43.7	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.805 ng

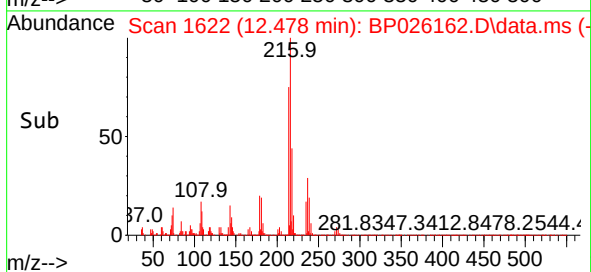
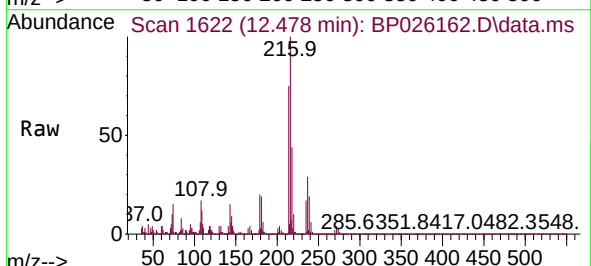
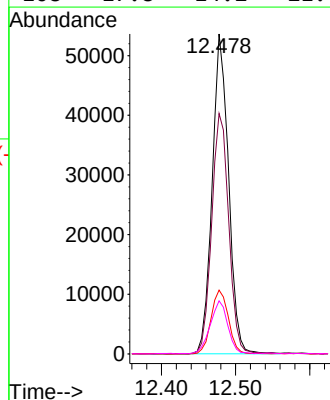
RT: 12.478 min Scan# 1622

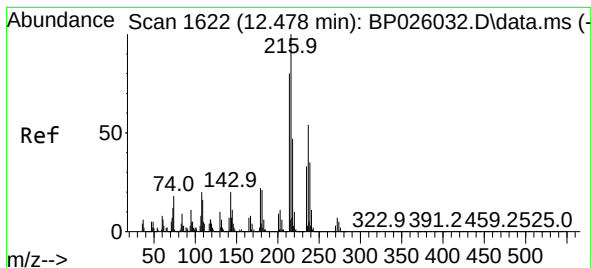
Delta R.T. -0.012 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

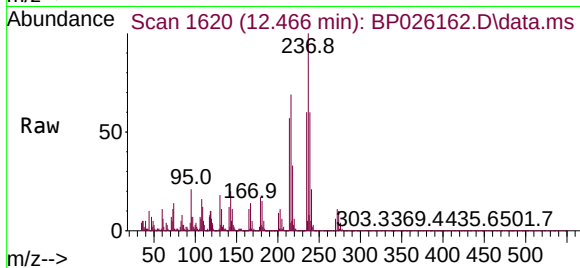
Tgt Ion:	216	Resp:	82291
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.6	94.0
179	21.1	16.6	25.0
108	17.8	14.2	21.4





#41
Hexachlorocyclopentadiene
Concen: 3.227 ng
RT: 12.466 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

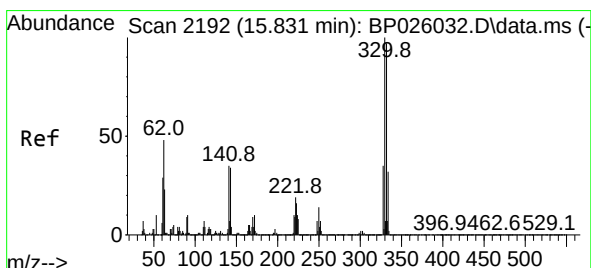
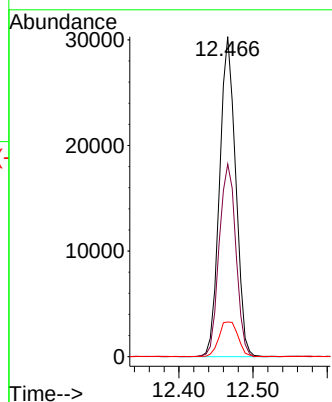
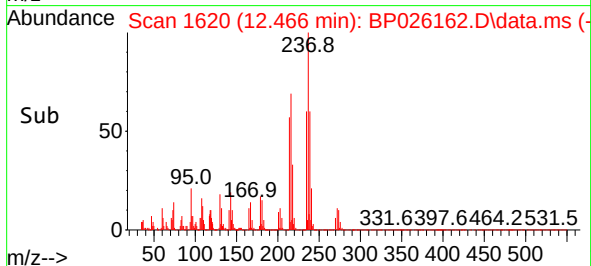
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



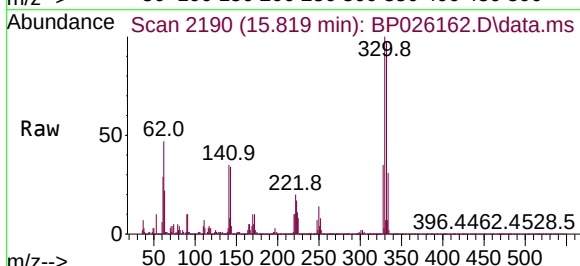
Tgt Ion: 237 Resp: 45682
Ion Ratio Lower Upper
237 100
235 60.2 43.3 83.3
272 10.8 0.0 32.9

Manual Integrations
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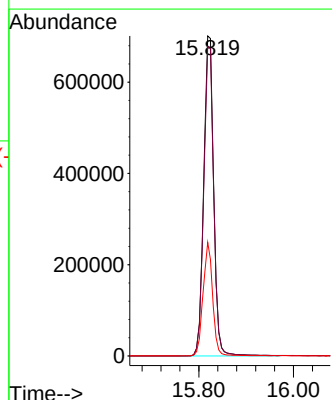
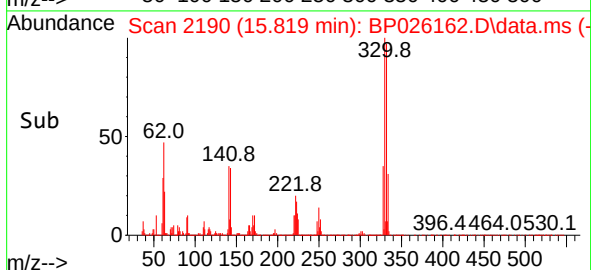
Reviewed By : Jagrut Upadhyay 11/20/2025
Supervised By : Sohil Jodhani 11/20/2025

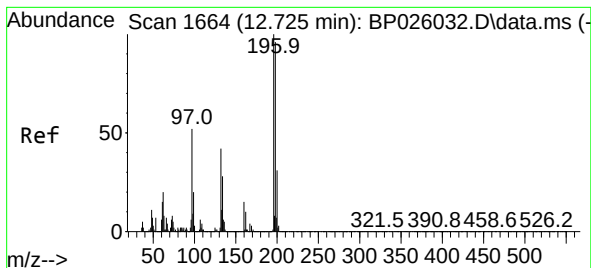


#42
2,4,6-Tribromophenol
Concen: 110.181 ng
RT: 15.819 min Scan# 2190
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



Tgt Ion: 330 Resp: 1022372
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 34.2 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 3.069 ng

RT: 12.725 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

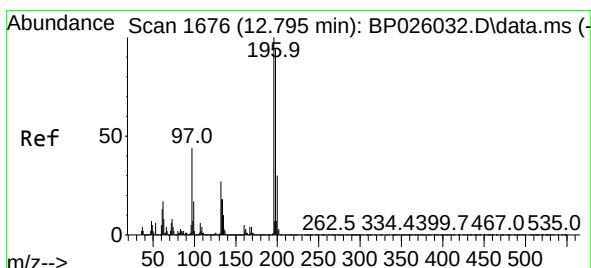
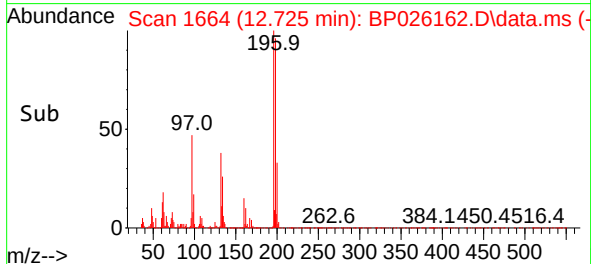
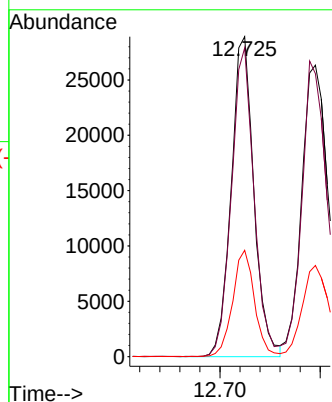
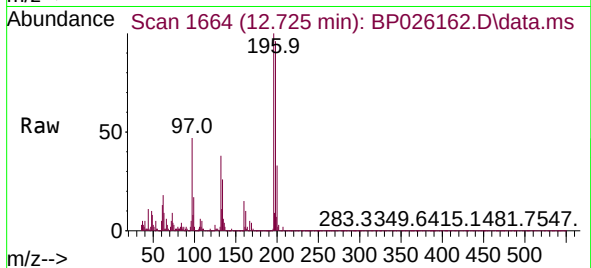
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:196	Resp:	4551
Ion Ratio	Lower	Upper
196	100	
198	96.5	76.9 115.3
200	33.2	24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#44

2,4,5-Trichlorophenol

Concen: 2.924 ng

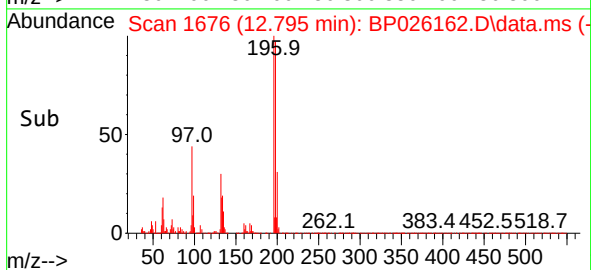
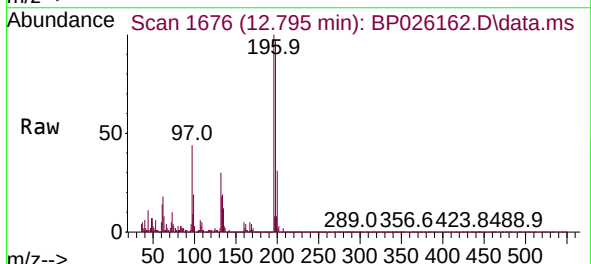
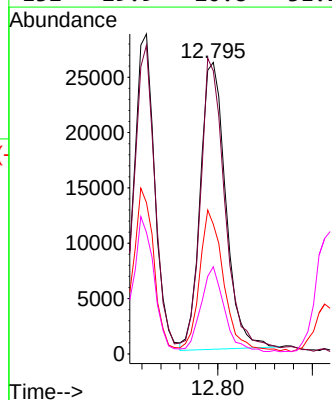
RT: 12.795 min Scan# 1676

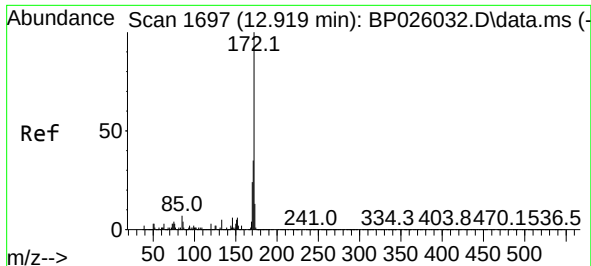
Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

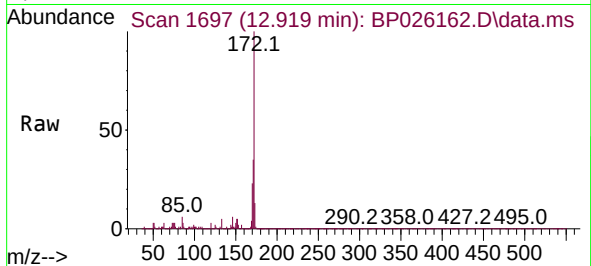
Tgt Ion:196	Resp:	48404
Ion Ratio	Lower	Upper
196	100	
198	97.1	76.4 114.6
97	44.4	35.7 53.5
132	29.9	20.8 31.2





#45
2-Fluorobiphenyl
Concen: 82.407 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

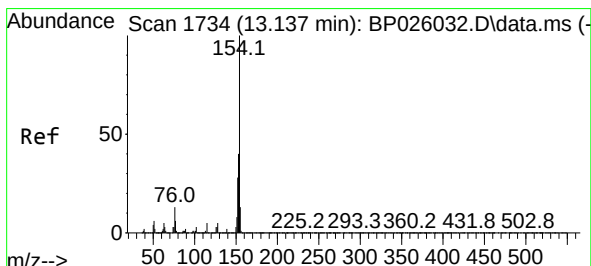
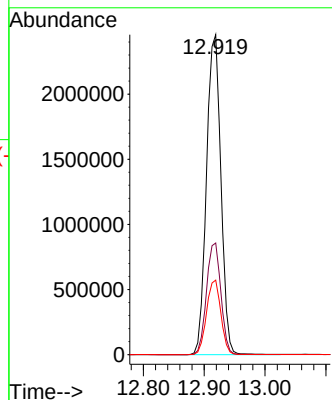
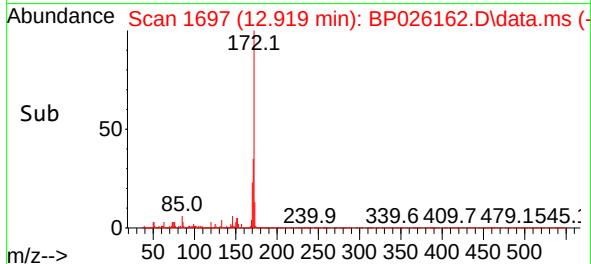
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



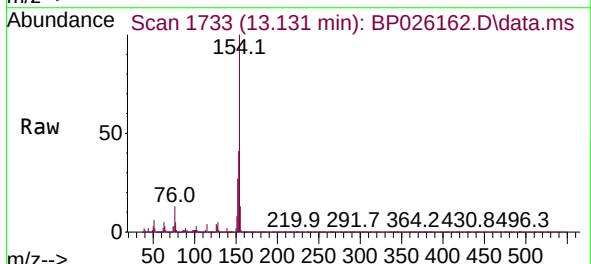
Tgt Ion:172 Resp: 4021890
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.3 18.7 28.1

Manual Integrations
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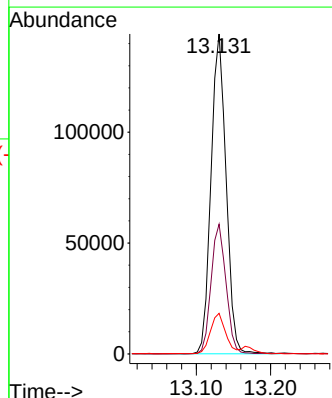
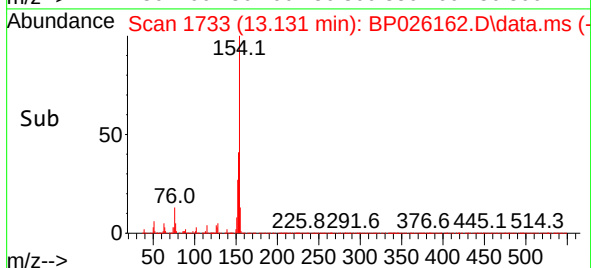
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

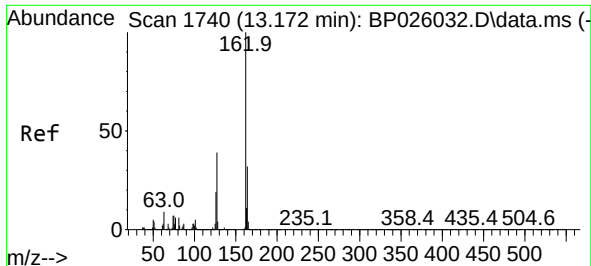


#46
1,1'-Biphenyl
Concen: 3.790 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



Tgt Ion:154 Resp: 204107
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.7 0.0 32.3





#47

2-Chloronaphthalene

Concen: 3.660 ng

RT: 13.172 min Scan# 1740

Delta R.T. -0.012 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

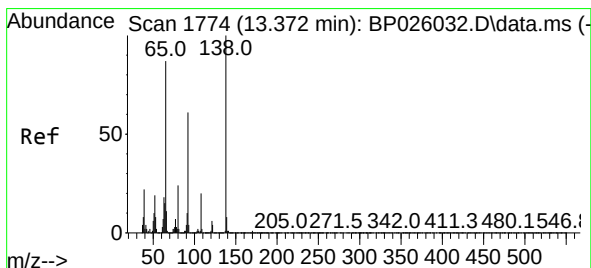
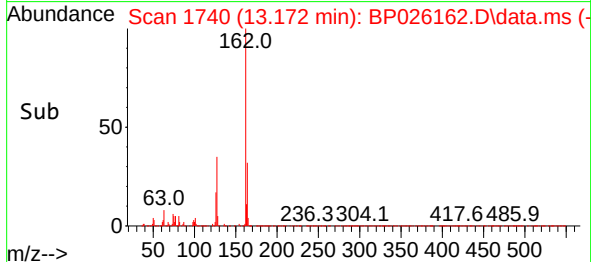
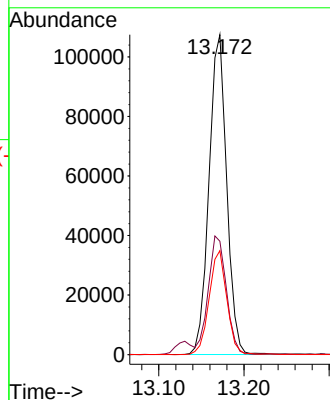
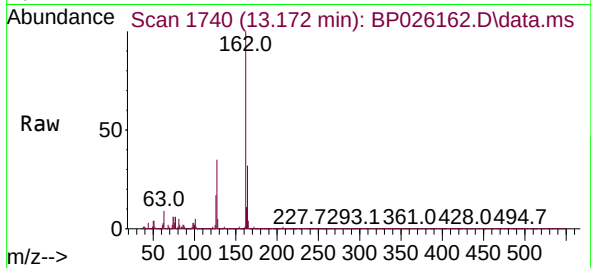
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.4	30.9	46.3
164	32.5	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#48

2-Nitroaniline

Concen: 2.659 ng

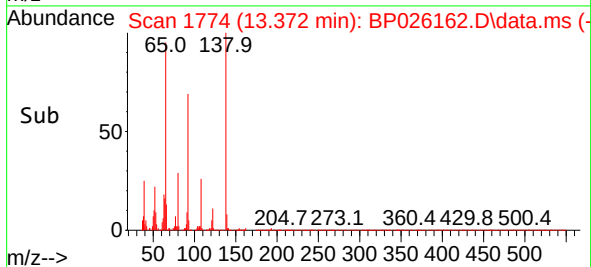
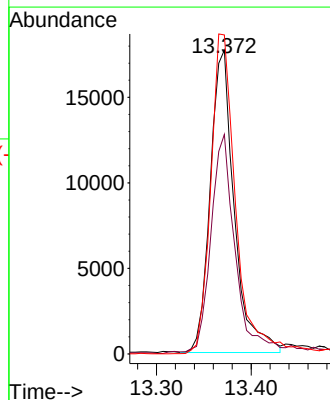
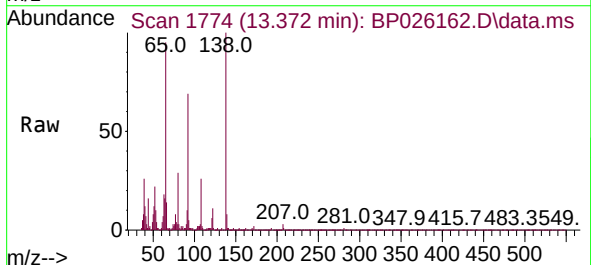
RT: 13.372 min Scan# 1774

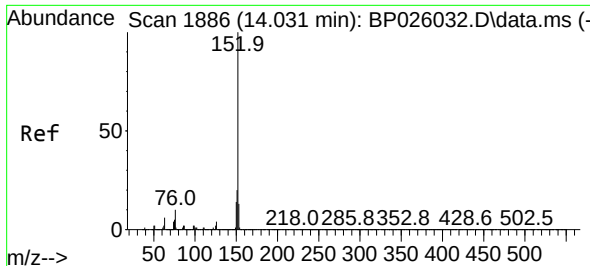
Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	59.1	88.7
138	105.0	96.6	145.0





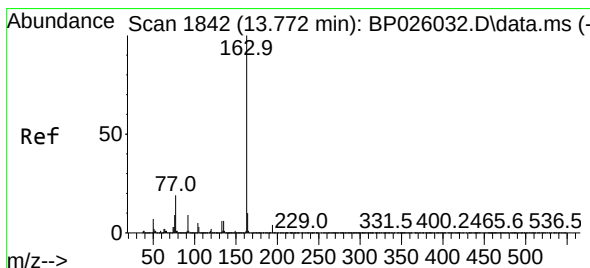
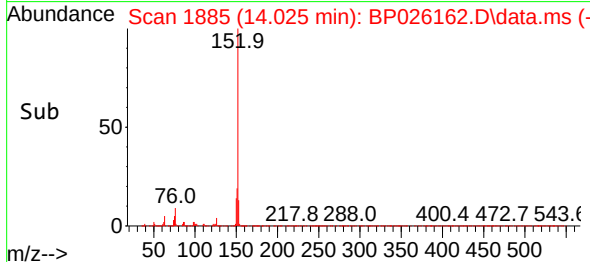
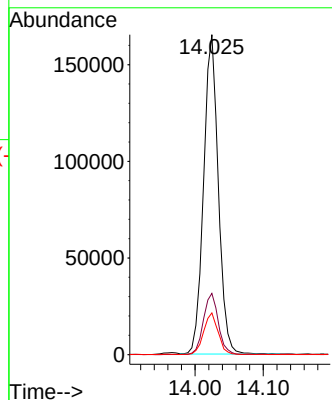
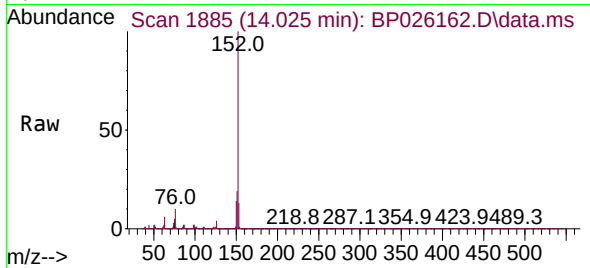
#49
Acenaphthylene
Concen: 3.550 ng
RT: 14.025 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:152 Resp: 247994
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 13.0 10.6 16.0

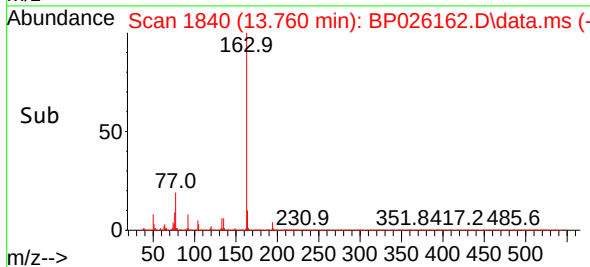
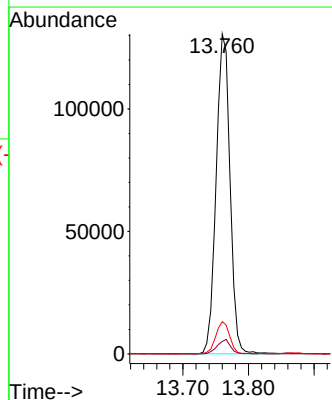
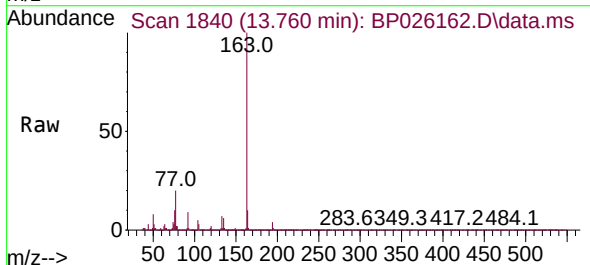
Manual Integrations
APPROVED

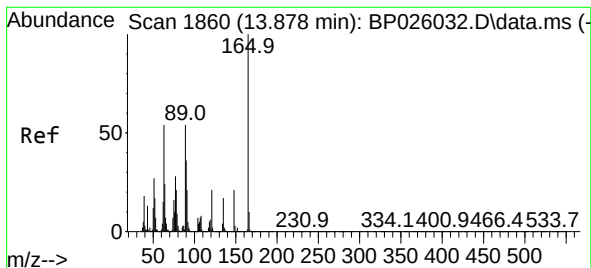
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#50
Dimethylphthalate
Concen: 3.602 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

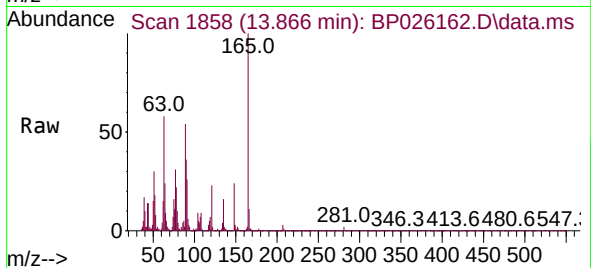
Tgt Ion:163 Resp: 192448
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 3.169 ng
RT: 13.866 min Scan# 1860
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

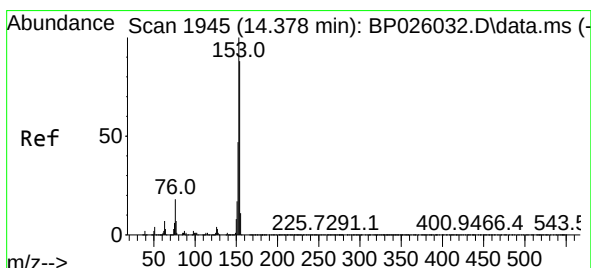
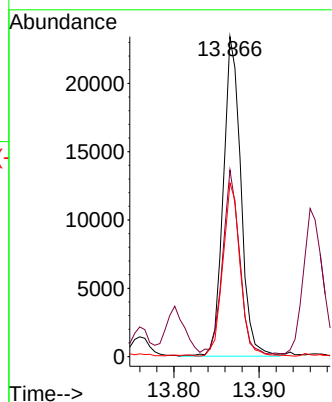
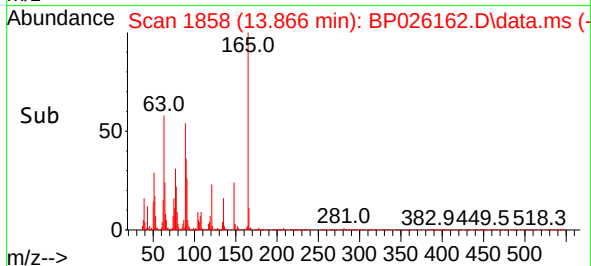
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



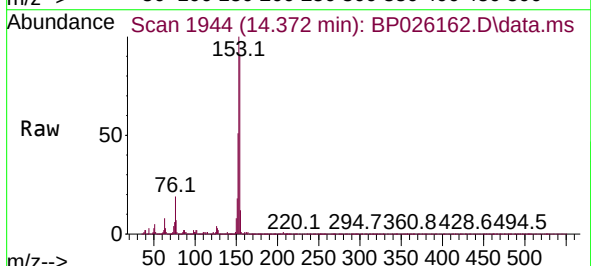
Tgt Ion:165 Resp: 33548
Ion Ratio Lower Upper
165 100
63 58.3 40.5 60.7
89 54.2 41.3 61.9

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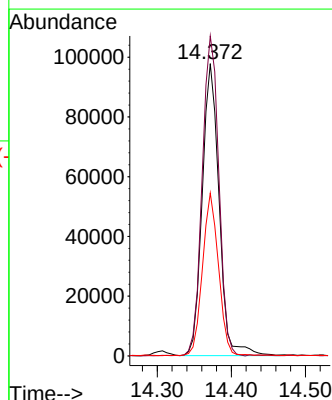
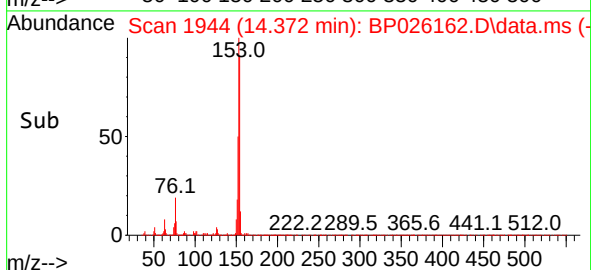
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

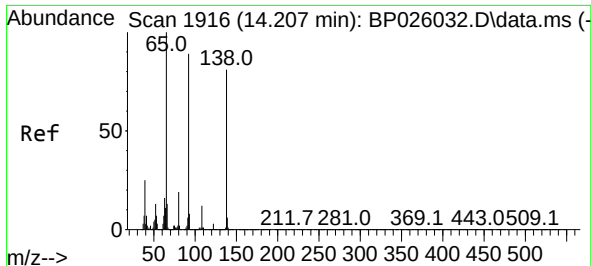


#52
Acenaphthene
Concen: 3.786 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



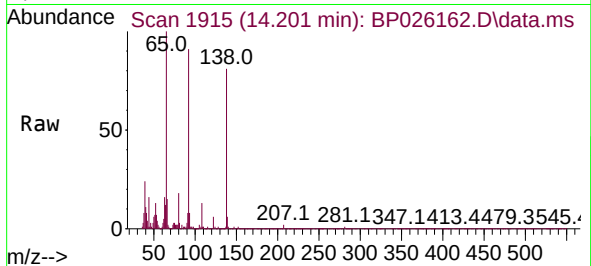
Tgt Ion:154 Resp: 154985
Ion Ratio Lower Upper
154 100
153 109.5 90.7 136.1
152 55.7 42.8 64.2





#53
3-Nitroaniline
Concen: 2.654 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

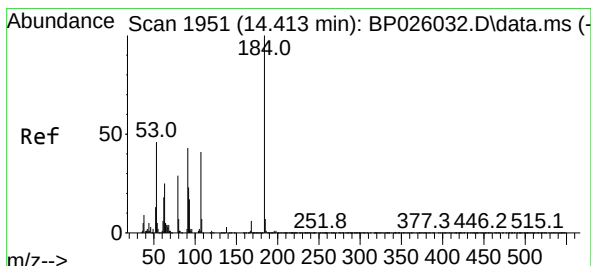
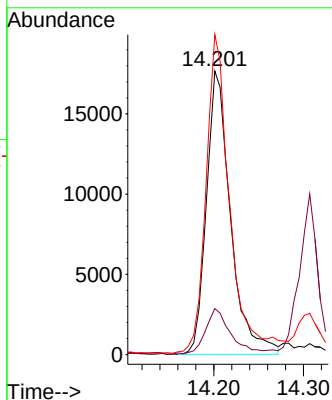
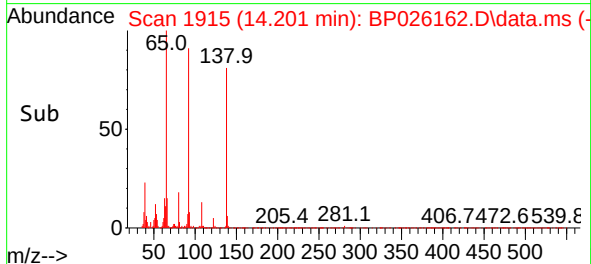
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:138 Resp: 33076
Ion Ratio Lower Upper
138 100
108 16.2 8.9 13.3
92 112.9 86.3 129.5

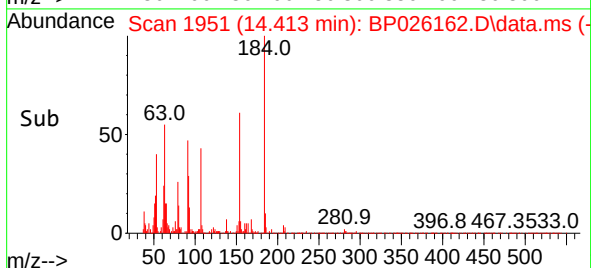
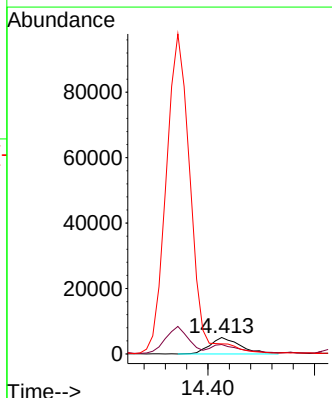
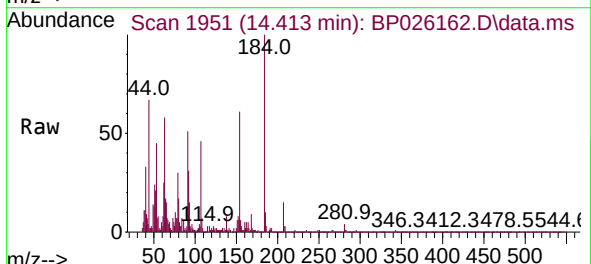
Manual Integrations
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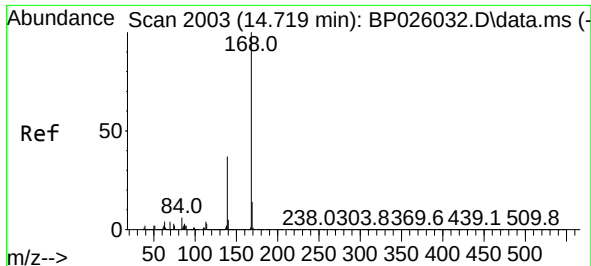
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#54
2,4-Dinitrophenol
Concen: 1.559 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

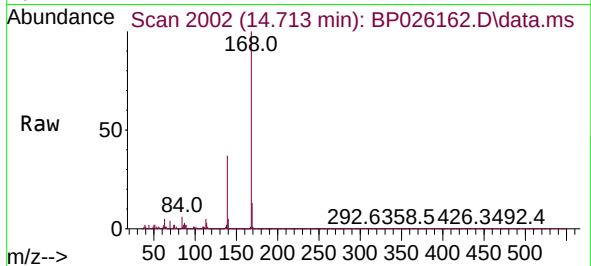
Tgt Ion:184 Resp: 9960
Ion Ratio Lower Upper
184 100
63 57.6 43.1 64.7
154 60.9 49.5 74.3





#55
Dibenzenofuran
Concen: 3.830 ng
RT: 14.713 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

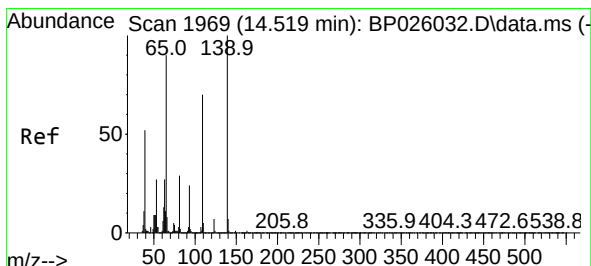
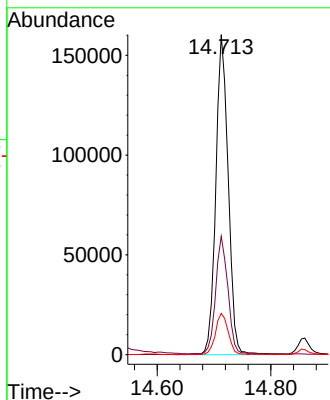
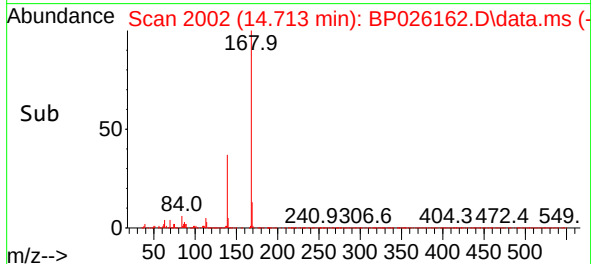
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



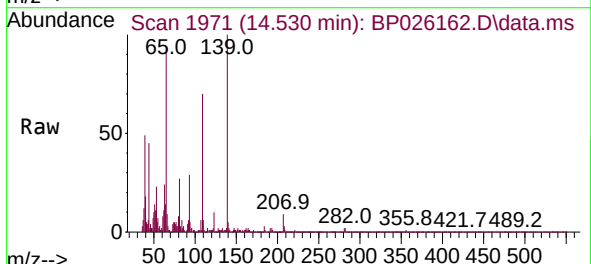
Tgt Ion:168 Resp: 24288
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 12.9 10.9 16.3

Manual Integrations
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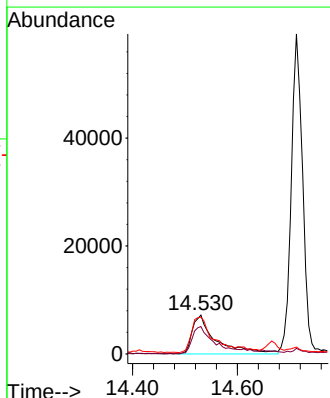
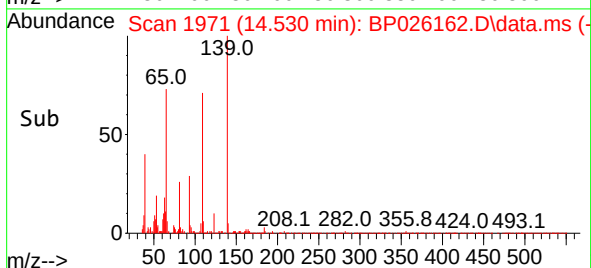
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

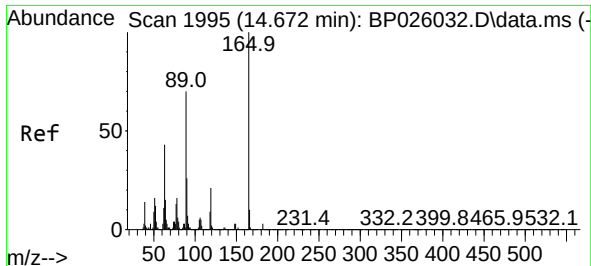


#56
4-Nitrophenol
Concen: 1.987 ng m
RT: 14.530 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



Tgt Ion:139 Resp: 22401
Ion Ratio Lower Upper
139 100
109 70.1 46.8 86.8
65 94.3 69.3 109.3





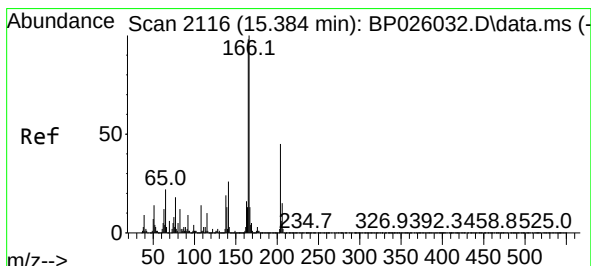
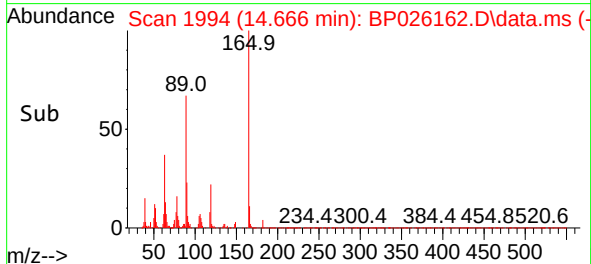
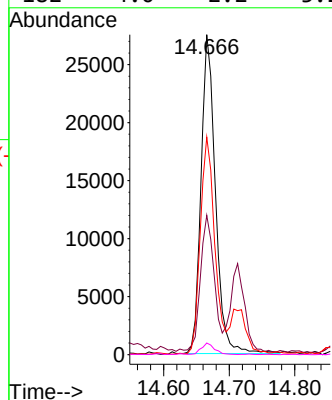
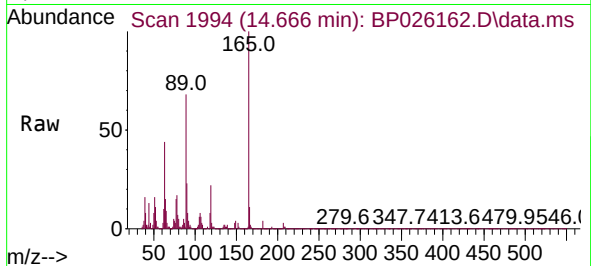
#57
2,4-Dinitrotoluene
Concen: 2.648 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.024 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:165 Resp: 41854
Ion Ratio Lower Upper
165 100
63 43.5 31.0 46.6
89 68.0 51.7 77.5
182 4.0 2.2 3.2#

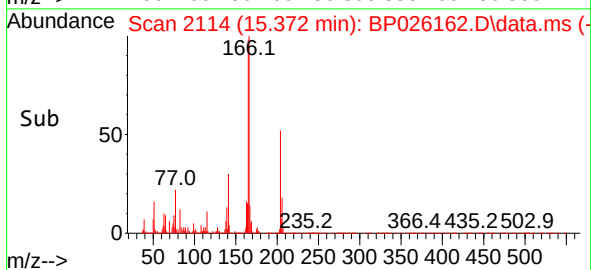
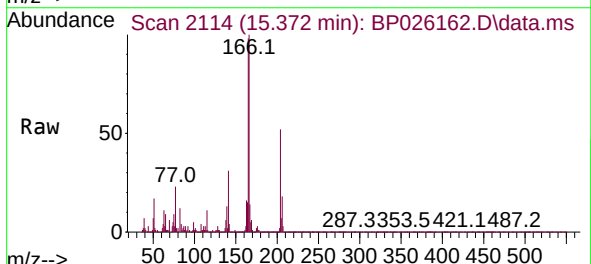
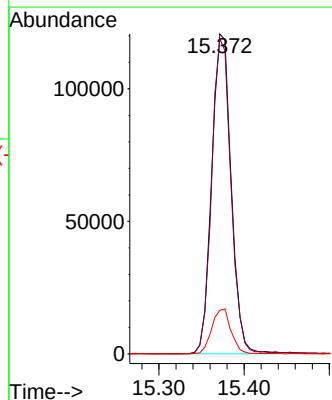
Manual Integrations
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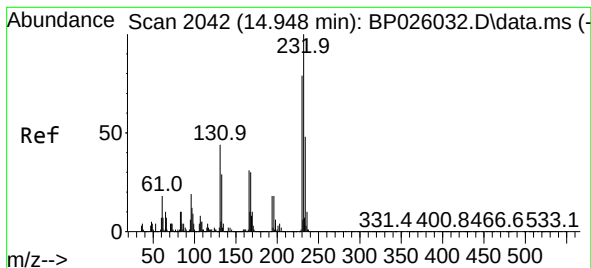
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#58
Fluorene
Concen: 3.822 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:166 Resp: 191540
Ion Ratio Lower Upper
166 100
165 98.4 77.9 116.9
167 13.6 11.0 16.4





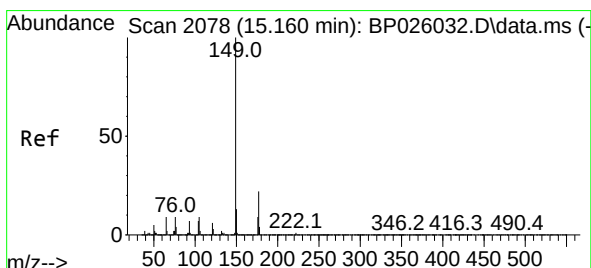
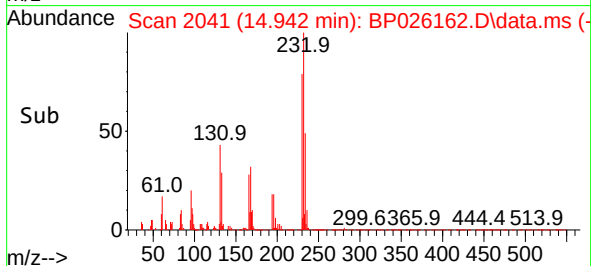
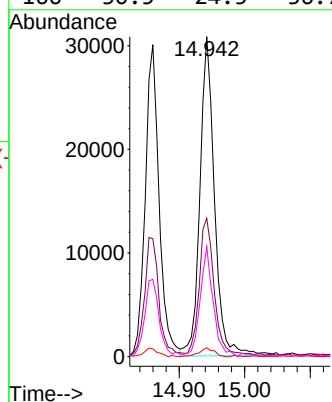
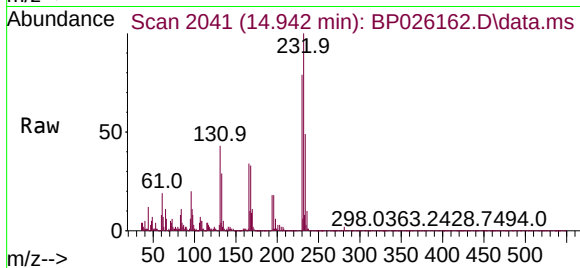
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.389 ng
RT: 14.942 min Scan# 2042
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument : BNA_P
Client Sample Id : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 232 Resp: 47586
Ion Ratio Lower Upper
232 100
131 43.2 34.8 52.2
130 2.8 1.8 2.8
166 30.5 24.5 36.7

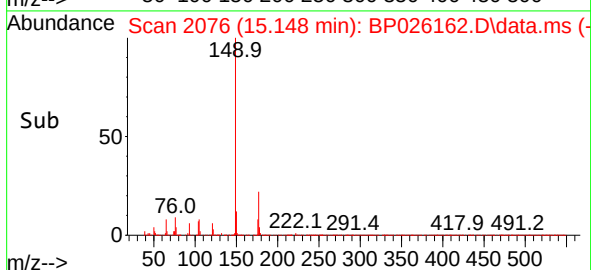
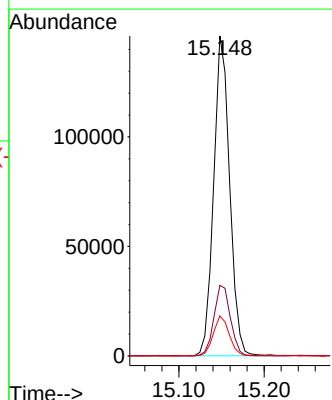
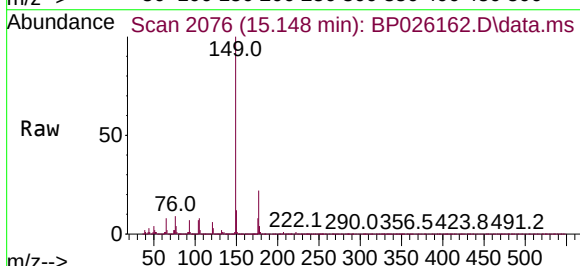
Manual Integrations
APPROVED

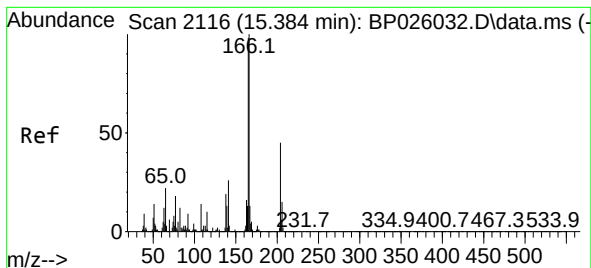
Reviewed By : Jagrut Upadhyay 11/20/2025
Supervised By : Sohil Jodhani 11/20/2025



#60
Diethylphthalate
Concen: 3.536 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.024 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

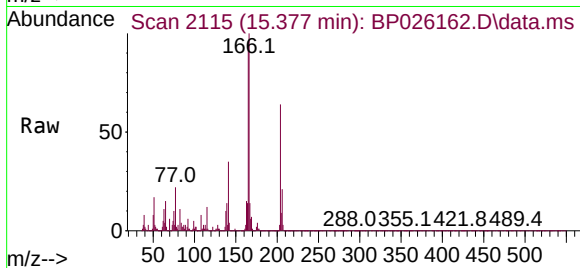
Tgt Ion: 149 Resp: 190321
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 3.939 ng
RT: 15.377 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

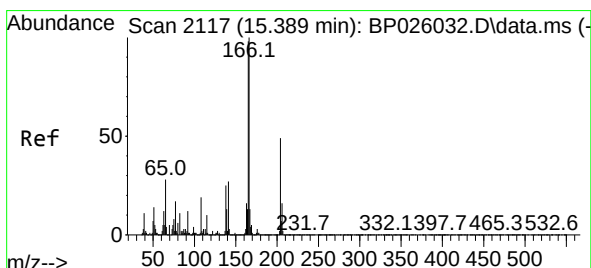
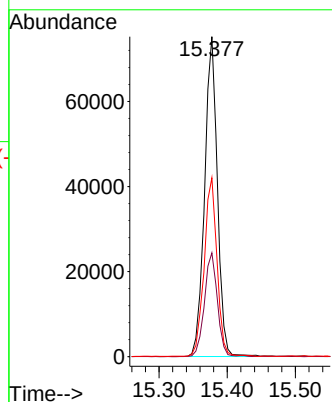
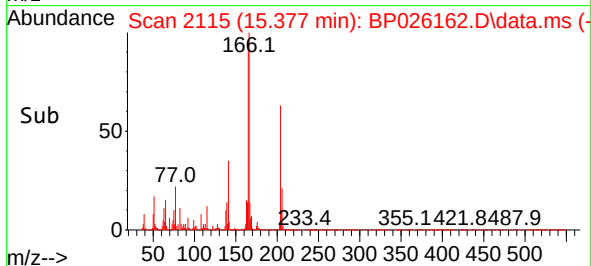
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



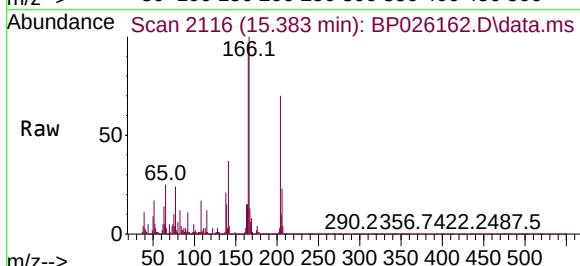
Tgt Ion: 204 Resp: 98220
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 55.9 48.1 72.1

Manual Integrations
APPROVED

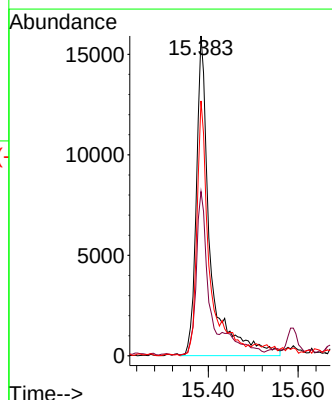
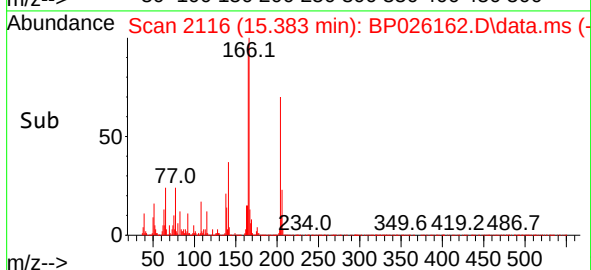
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

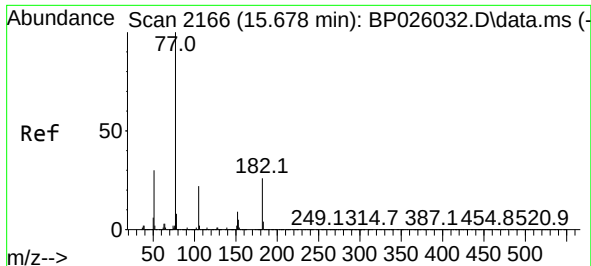


#62
4-Nitroaniline
Concen: 2.639 ng
RT: 15.383 min Scan# 2116
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



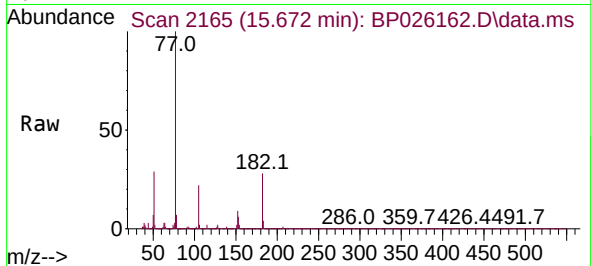
Tgt Ion: 138 Resp: 34156
Ion Ratio Lower Upper
138 100
92 51.4 27.5 67.5
108 79.7 51.1 91.1





#63
Azobenzene
Concen: 3.486 ng
RT: 15.672 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

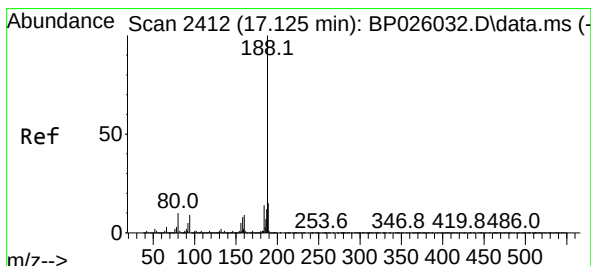
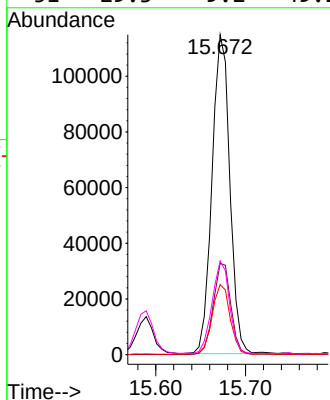
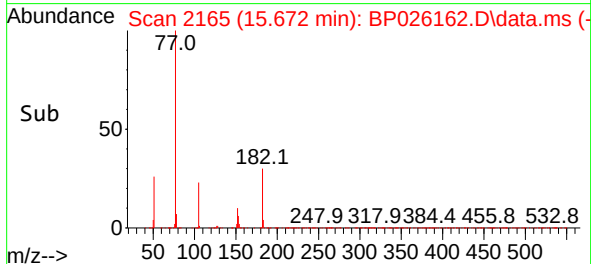
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 77 Resp: 15817
Ion Ratio Lower Upper
77 100
182 28.5 8.8 48.8
105 21.9 2.6 42.6
51 29.3 9.2 49.2

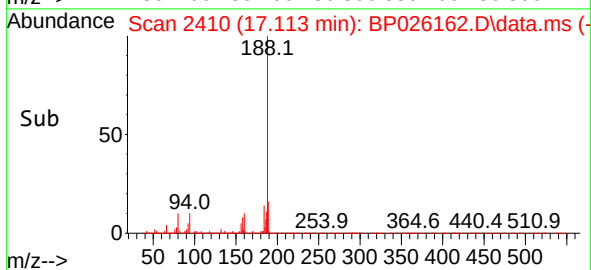
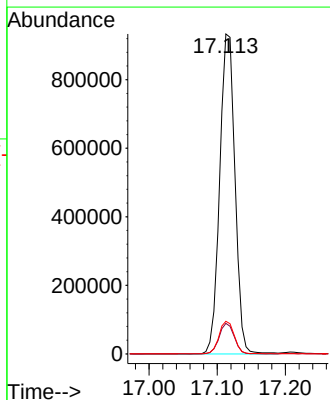
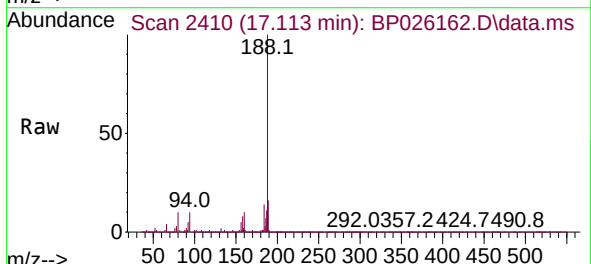
Manual Integrations
APPROVED

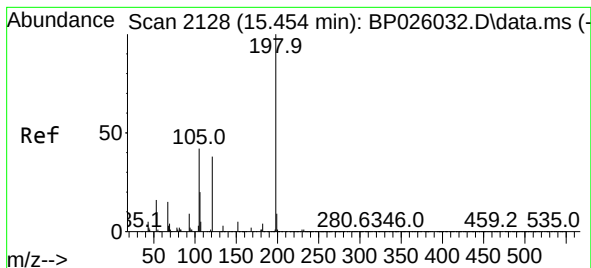
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:188 Resp: 1445364
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.2 8.2 12.2





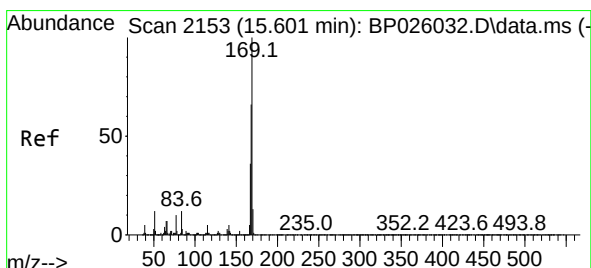
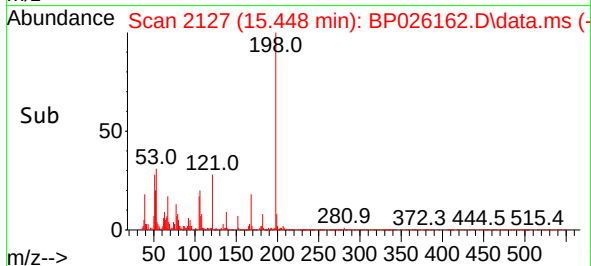
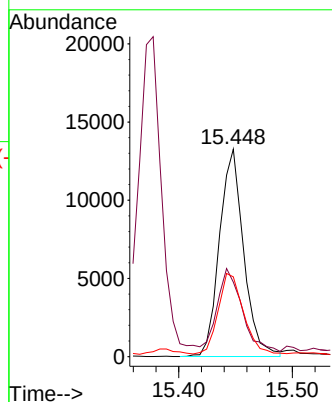
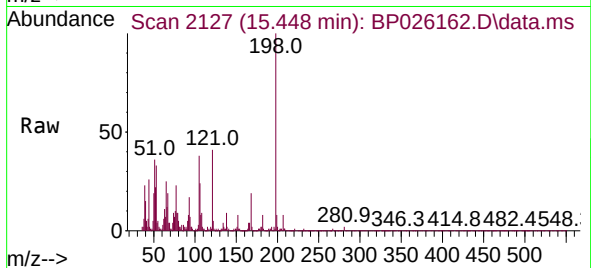
#65
4,6-Dinitro-2-methylphenol
Concen: 2.132 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:198 Resp: 19573
Ion Ratio Lower Upper
198 100
51 35.9 18.4 58.4
105 38.5 18.5 58.5

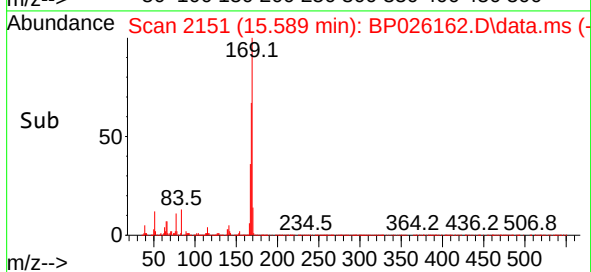
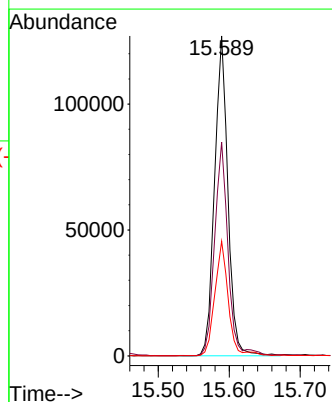
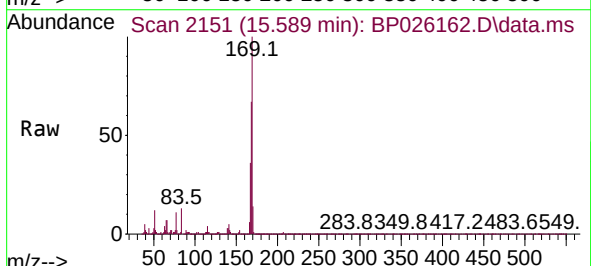
Manual Integrations
APPROVED

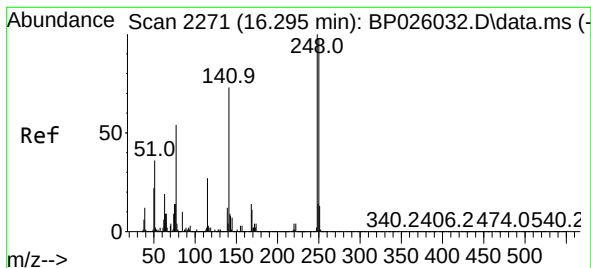
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#66
n-Nitrosodiphenylamine
Concen: 3.708 ng
RT: 15.589 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:169 Resp: 165791
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 35.8 28.9 43.3





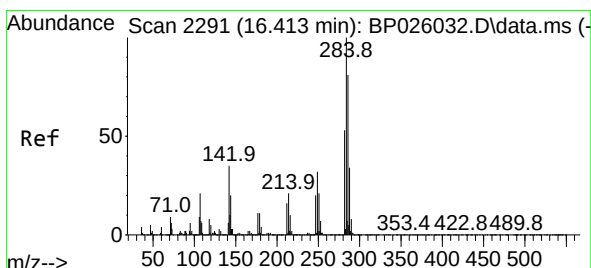
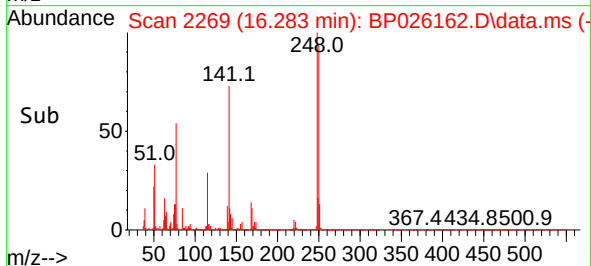
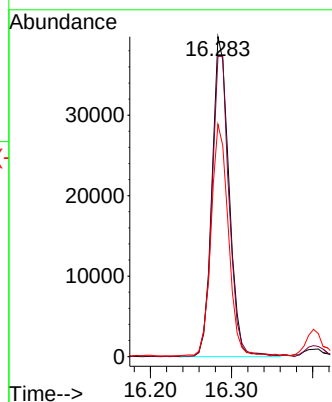
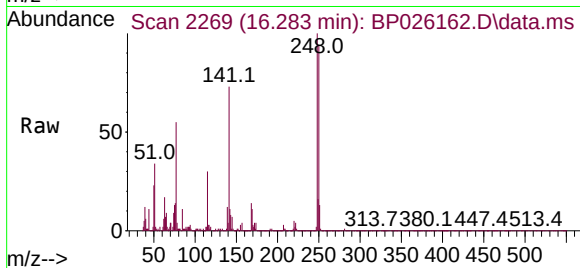
#67
4-Bromophenyl-phenylether
Concen: 3.603 ng
RT: 16.283 min Scan# 2269
Delta R.T. -0.024 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:248 Resp: 57670
Ion Ratio Lower Upper
248 100
250 93.8 77.8 116.6
141 72.6 55.4 83.0

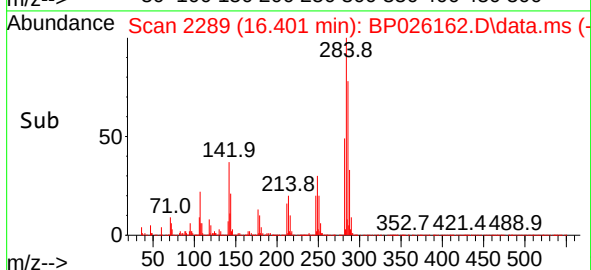
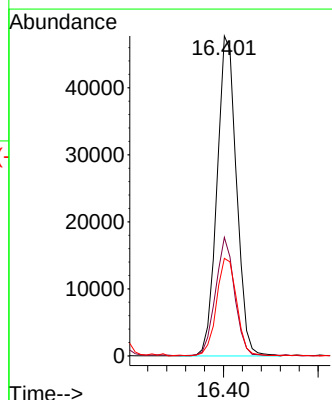
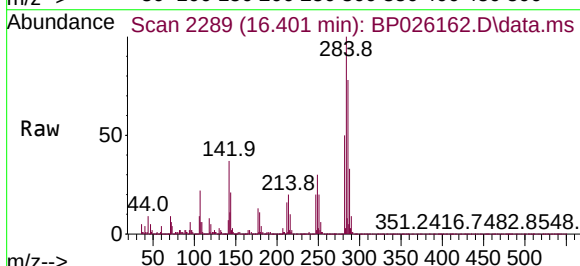
Manual Integrations
APPROVED

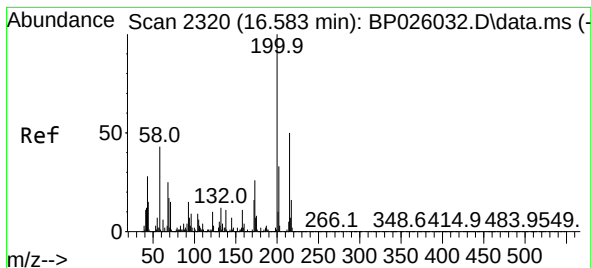
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#68
Hexachlorobenzene
Concen: 3.665 ng
RT: 16.401 min Scan# 2289
Delta R.T. -0.024 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:284 Resp: 68082
Ion Ratio Lower Upper
284 100
142 37.0 28.0 42.0
249 30.5 25.0 37.4





#69

Atrazine

Concen: 3.284 ng

RT: 16.566 min Scan# 2317

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

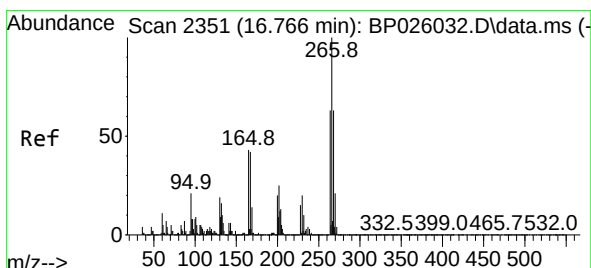
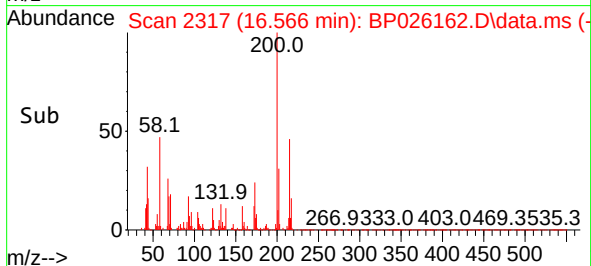
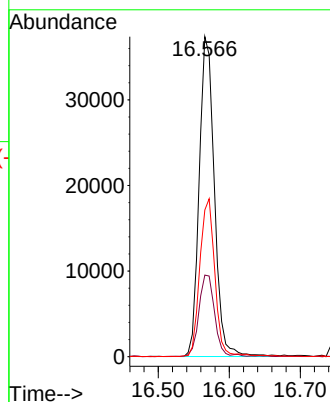
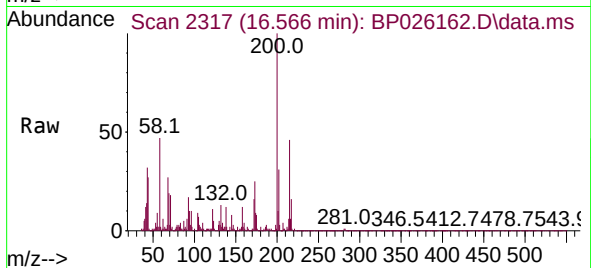
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	200	Resp:	55362
Ion Ratio	Lower	Upper	
200	100		
173	25.5	6.7	46.7
215	45.8	27.4	67.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#70

Pentachlorophenol

Concen: 2.655 ng

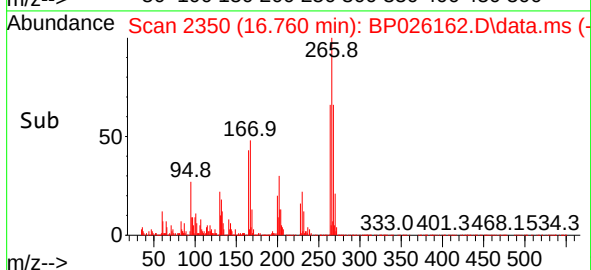
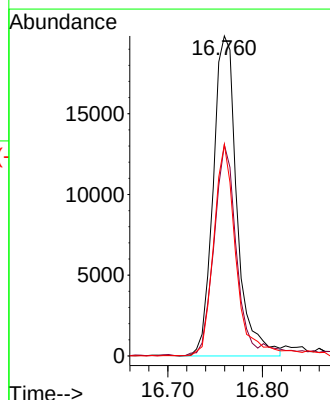
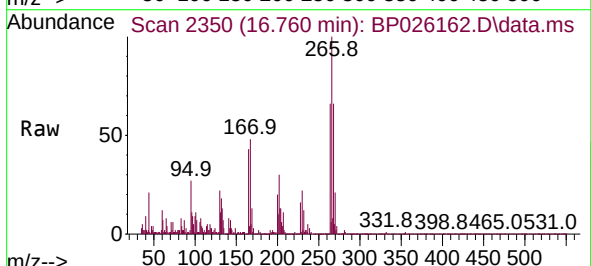
RT: 16.760 min Scan# 2350

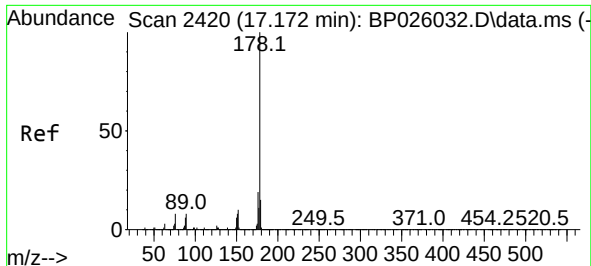
Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Tgt Ion:	266	Resp:	34494
Ion Ratio	Lower	Upper	
266	100		
268	66.0	51.0	76.4
264	66.1	50.2	75.2





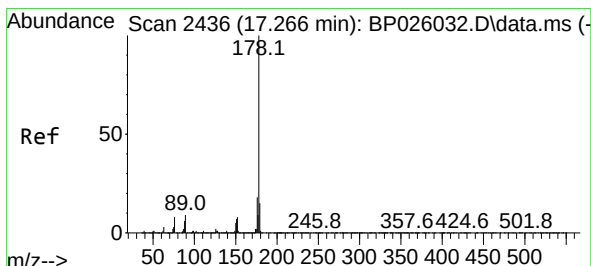
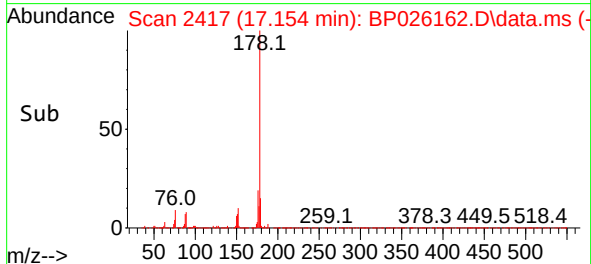
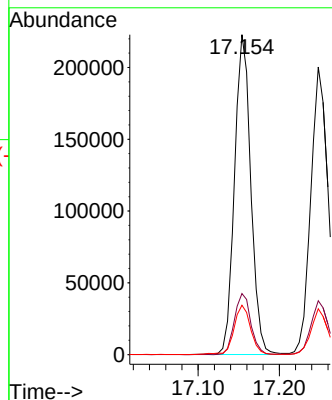
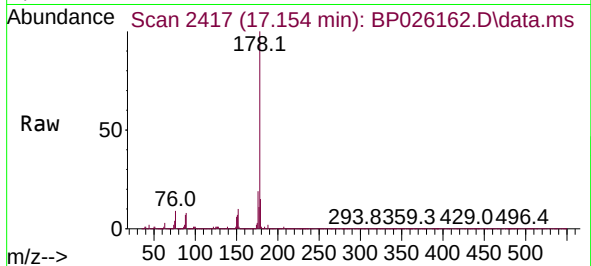
#71
Phenanthrene
Concen: 3.829 ng
RT: 17.154 min Scan# 2417
Delta R.T. -0.024 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:178 Resp: 311719
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.4 18.6

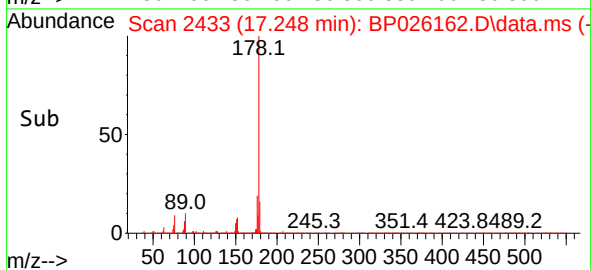
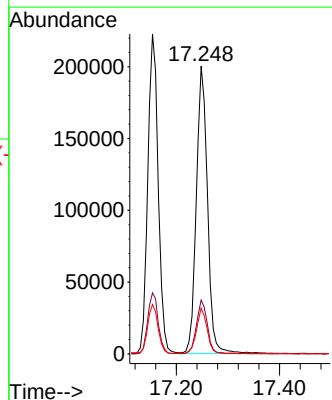
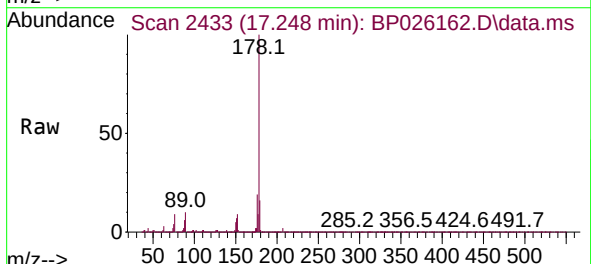
Manual Integrations
APPROVED

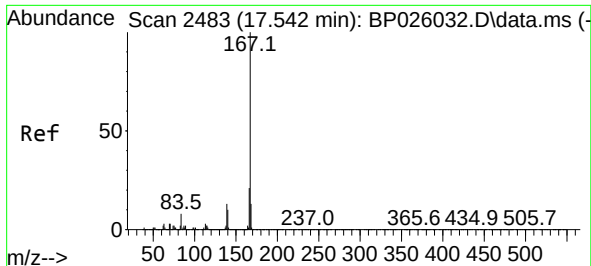
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#72
Anthracene
Concen: 3.627 ng
RT: 17.248 min Scan# 2433
Delta R.T. -0.024 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:178 Resp: 301175
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.9 12.2 18.4





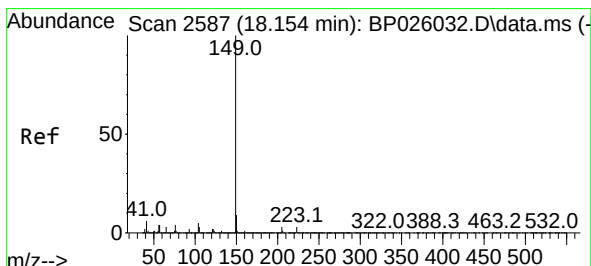
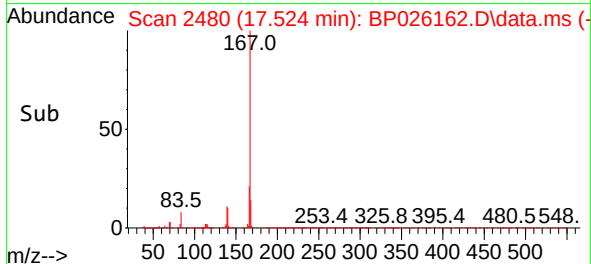
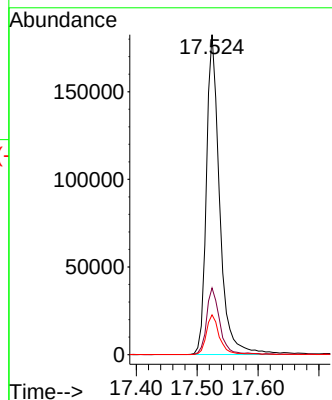
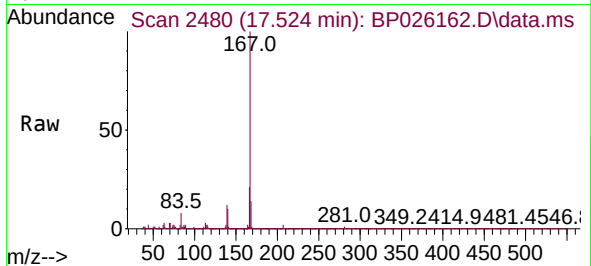
#73
 Carbazole
 Concen: 3.496 ng
 RT: 17.524 min Scan# 2483
 Delta R.T. -0.018 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34

Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:167 Resp: 275783
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.1 25.7
 139 12.4 10.2 15.4

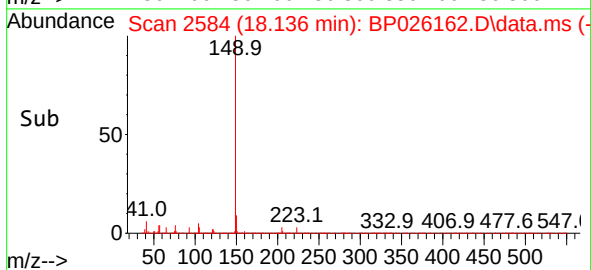
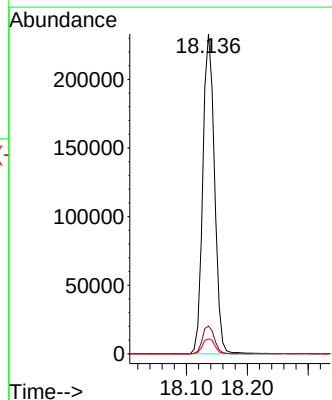
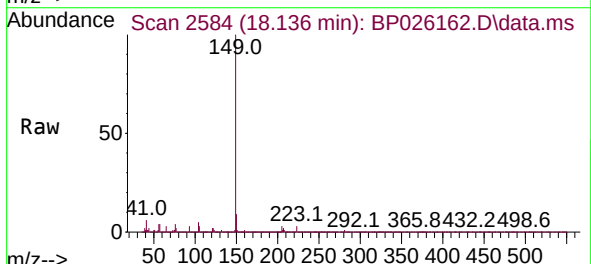
Manual Integrations
 APPROVED

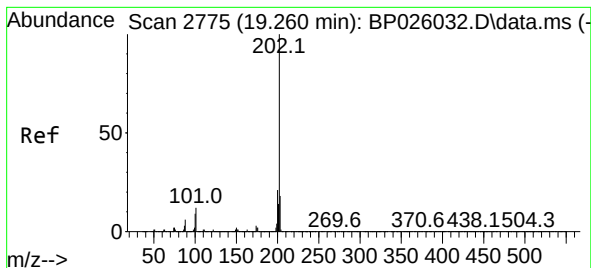
Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025



#74
 Di-n-butylphthalate
 Concen: 3.320 ng
 RT: 18.136 min Scan# 2584
 Delta R.T. -0.024 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34

Tgt Ion:149 Resp: 310493
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.5 11.3
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 3.584 ng

RT: 19.248 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

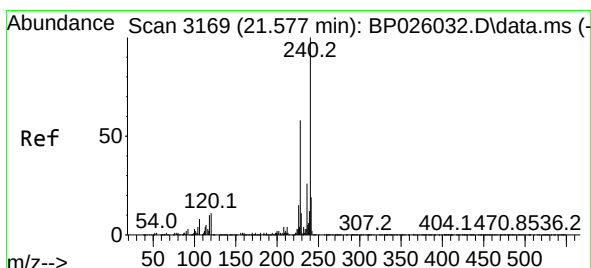
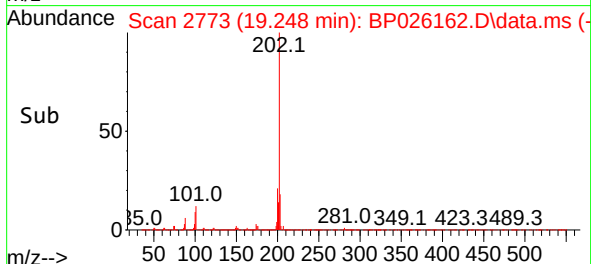
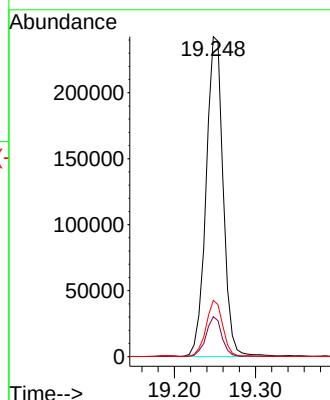
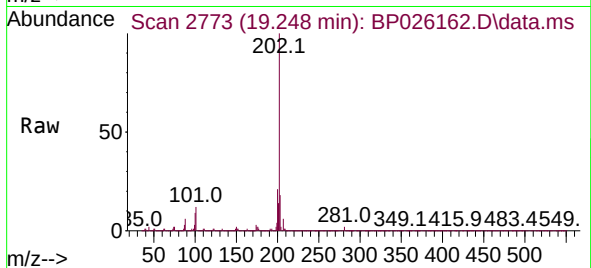
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	202	Resp:	354584
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.2
203	17.6	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#76

Chrysene-d12

Concen: 20.000 ng

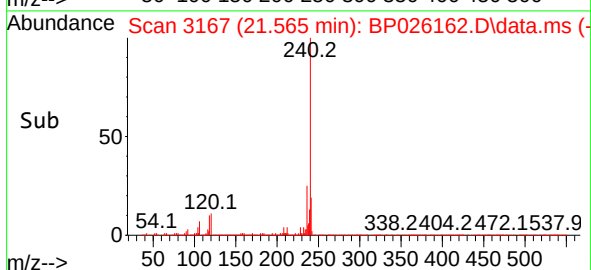
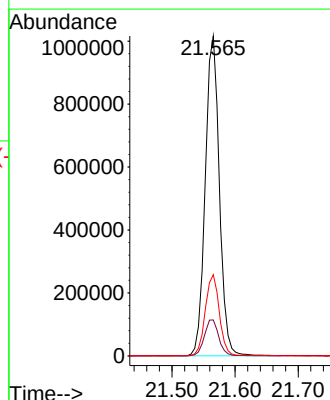
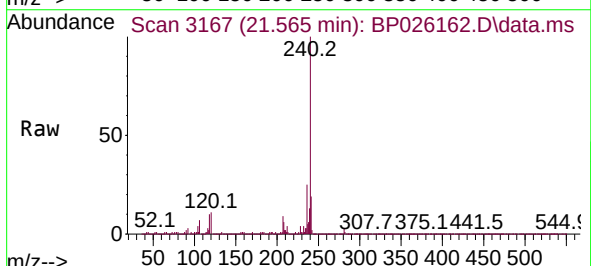
RT: 21.565 min Scan# 3167

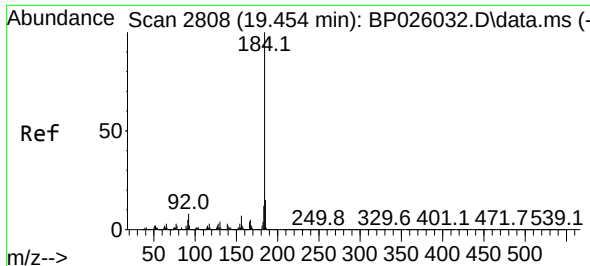
Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Tgt Ion:	240	Resp:	1577582
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.0	13.4
236	25.4	20.4	30.6





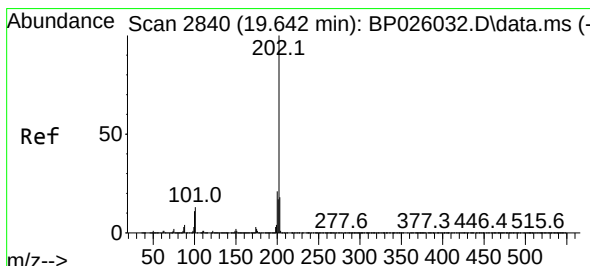
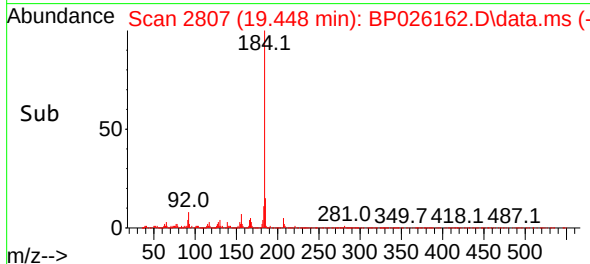
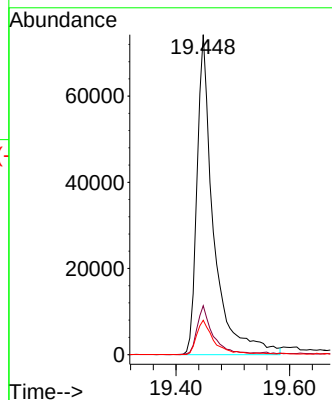
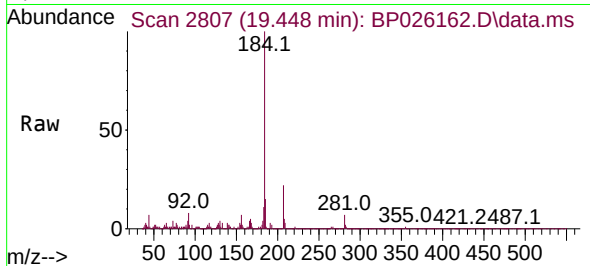
#77
Benzidine
Concen: 3.001 ng
RT: 19.448 min Scan# 2807
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:184 Resp: 150227
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 10.8 9.0 13.6

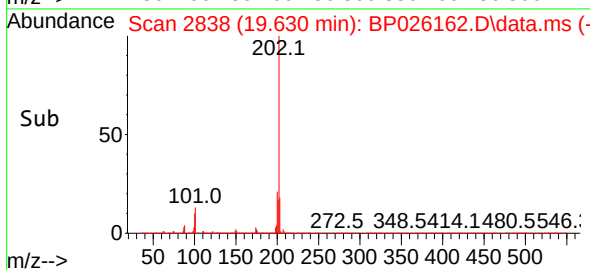
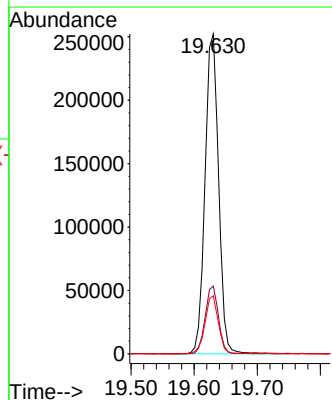
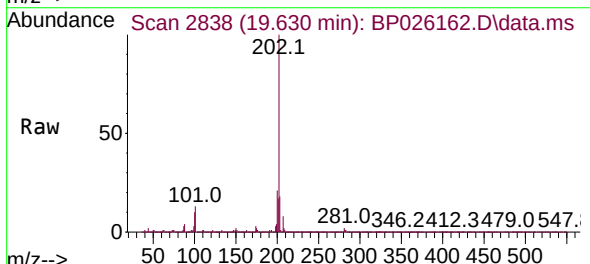
Manual Integrations
APPROVED

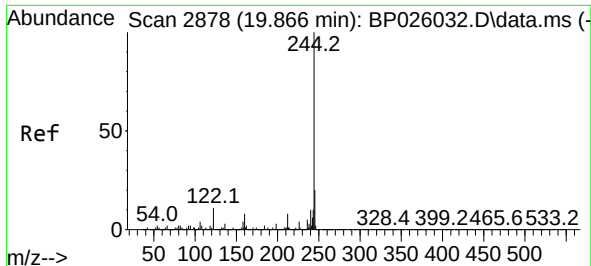
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#78
Pyrene
Concen: 3.628 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

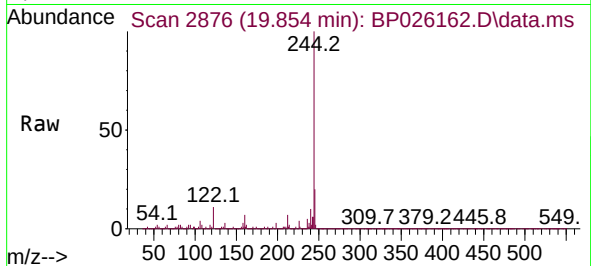
Tgt Ion:202 Resp: 375283
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 18.2 13.8 20.8





#79
 Terphenyl-d14
 Concen: 83.686 ng
 RT: 19.854 min Scan# 2878
 Delta R.T. -0.018 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34

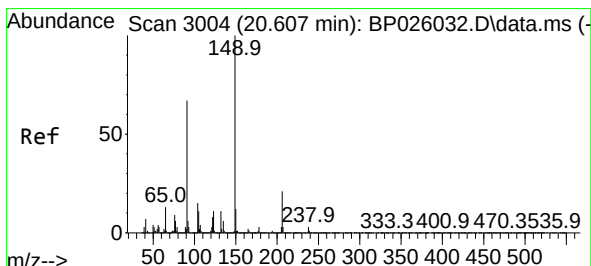
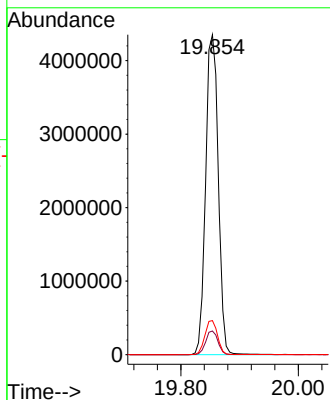
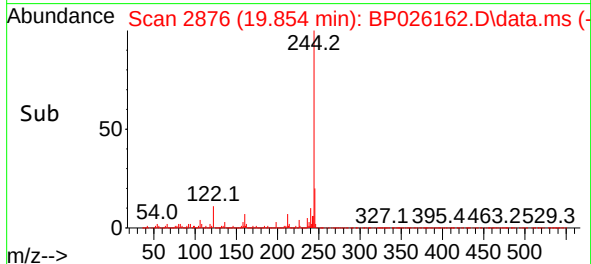
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:244 Resp: 6474660
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.6 8.2 12.2

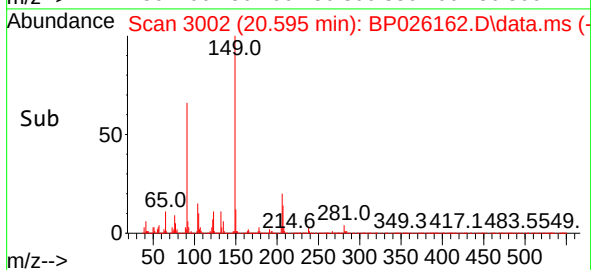
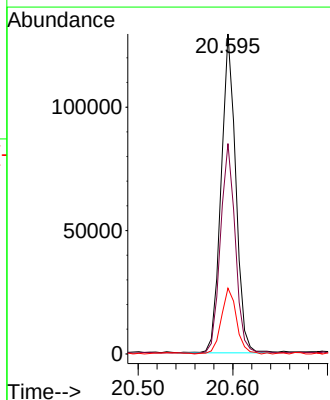
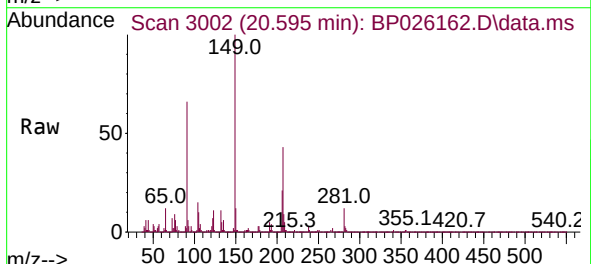
Manual Integrations
 APPROVED

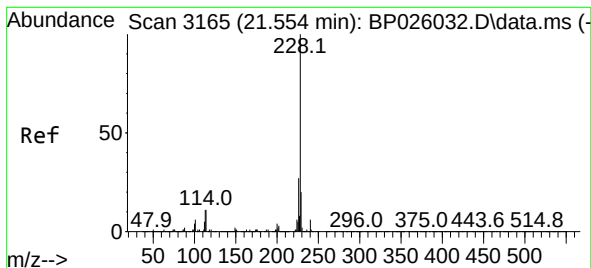
Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025



#80
 Butylbenzylphthalate
 Concen: 3.044 ng
 RT: 20.595 min Scan# 3002
 Delta R.T. -0.012 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34

Tgt Ion:149 Resp: 138674
 Ion Ratio Lower Upper
 149 100
 91 65.7 52.6 79.0
 206 20.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 3.658 ng

RT: 21.548 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

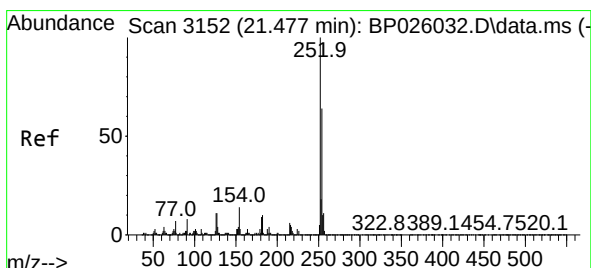
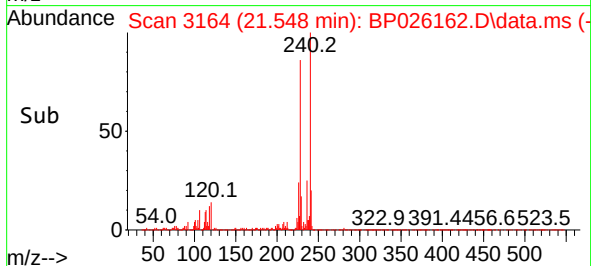
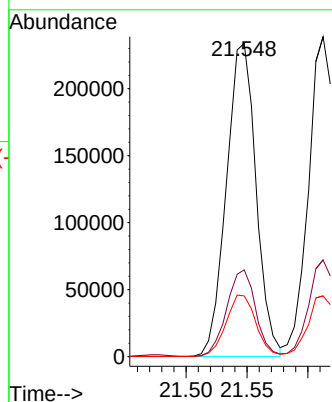
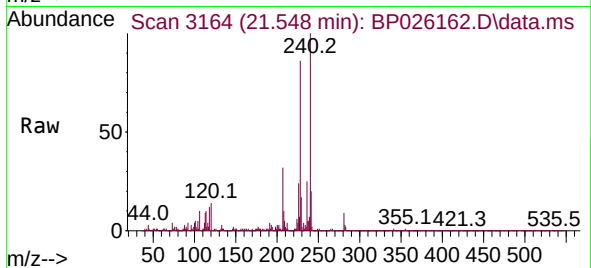
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	228	Resp:	396279
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.8
229	19.4	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#82

3,3'-Dichlorobenzidine

Concen: 3.269 ng

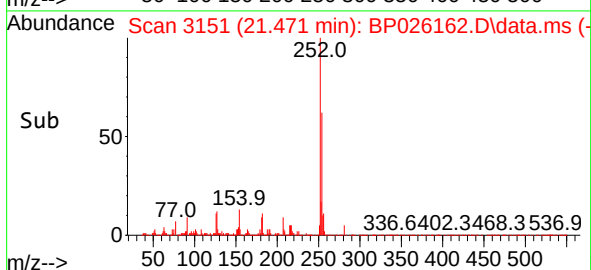
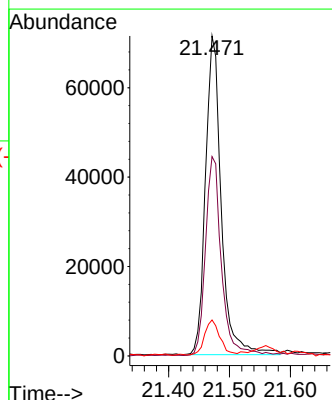
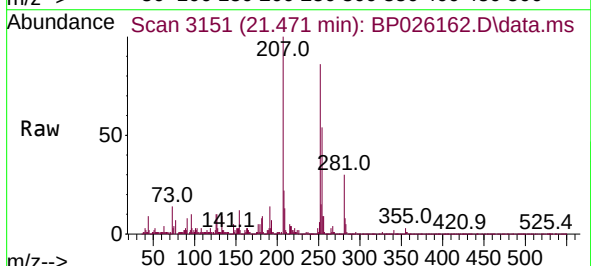
RT: 21.471 min Scan# 3151

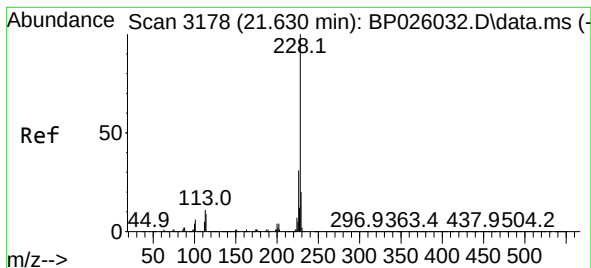
Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Tgt Ion:	252	Resp:	128781
Ion Ratio	Lower	Upper	
252	100		
254	62.3	51.2	76.8
126	11.2	8.2	12.4





#83

Chrysene

Concen: 3.805 ng

RT: 21.612 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

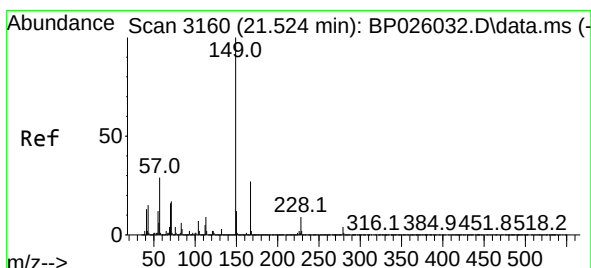
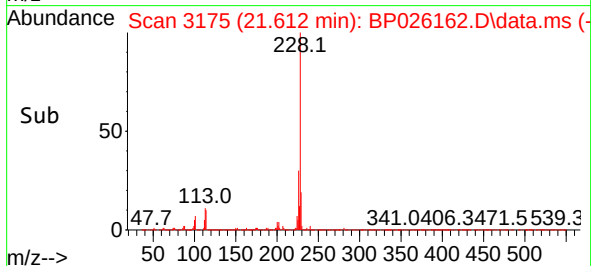
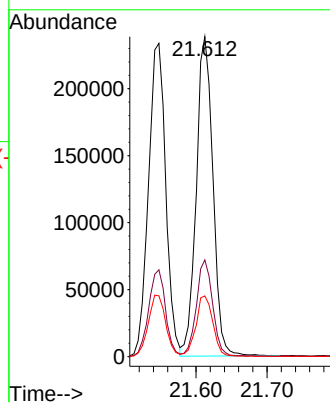
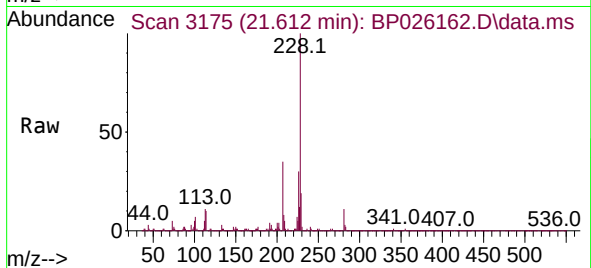
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	228	Resp:	388516
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.9	35.9
229	19.0	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.214 ng

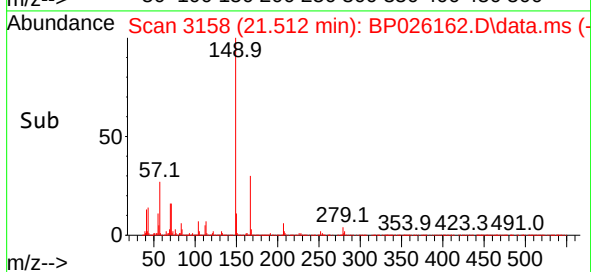
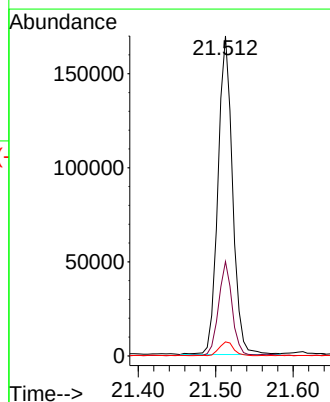
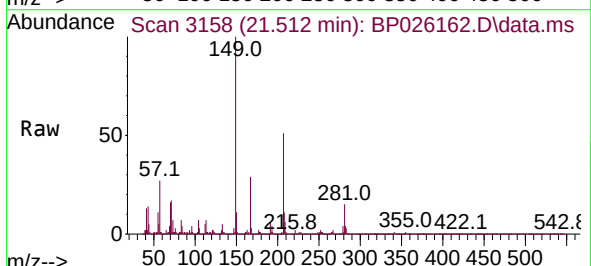
RT: 21.512 min Scan# 3158

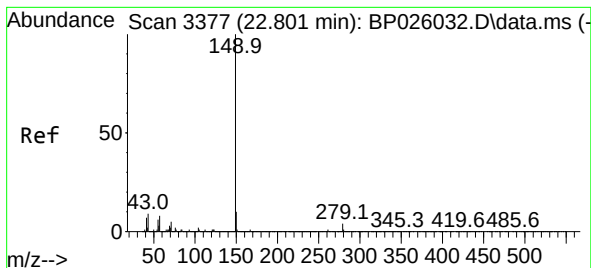
Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

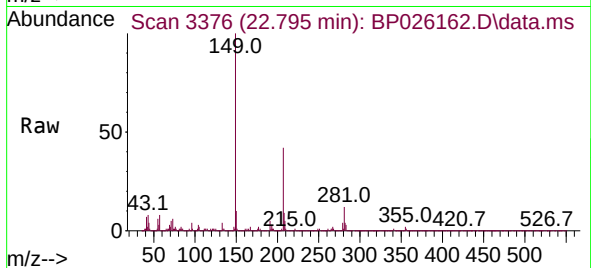
Tgt Ion:	149	Resp:	221603
Ion Ratio	Lower	Upper	
149	100		
167	29.5	22.1	33.1
279	4.4	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 2.912 ng
RT: 22.795 min Scan# 3376
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

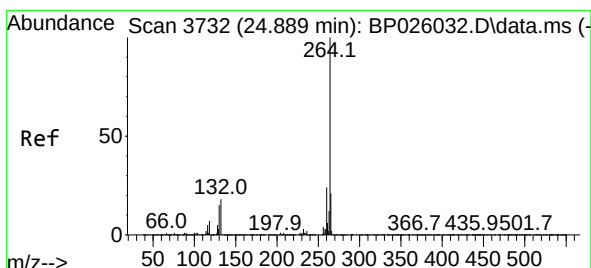
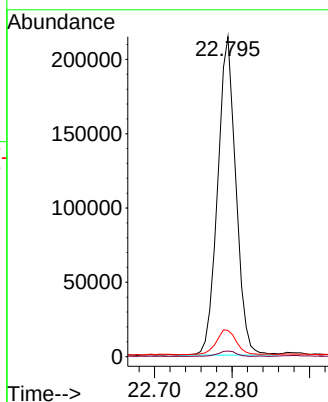
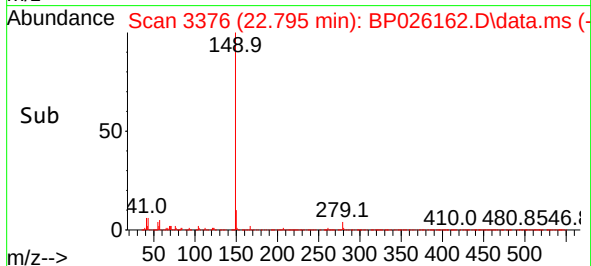
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



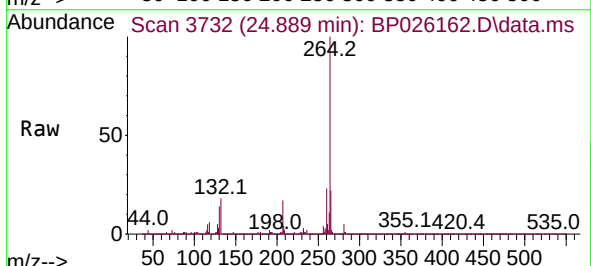
Tgt Ion:149 Resp: 351112
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.8 6.6 10.0

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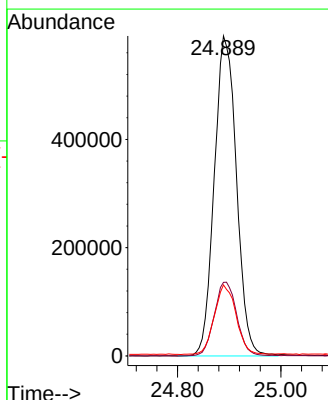
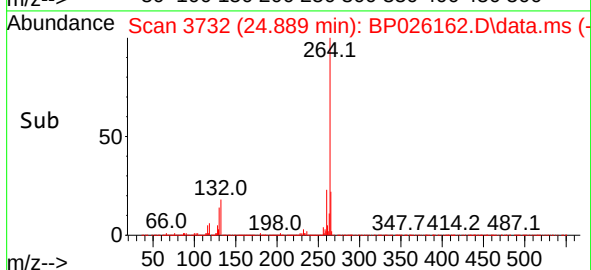
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

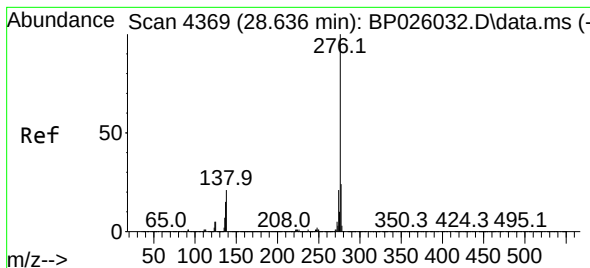


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



Tgt Ion:264 Resp: 1771600
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.432 ng m

RT: 28.653 min Scan# 4369

Delta R.T. -0.053 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

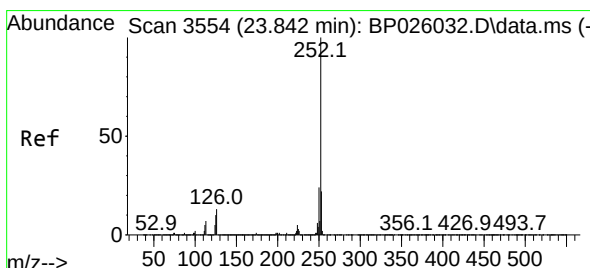
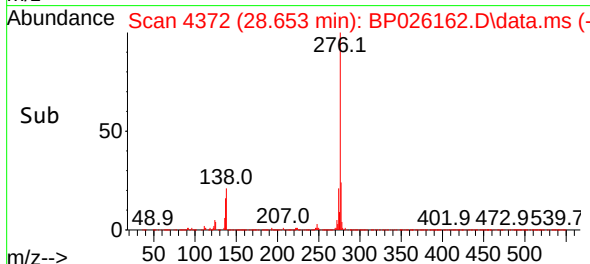
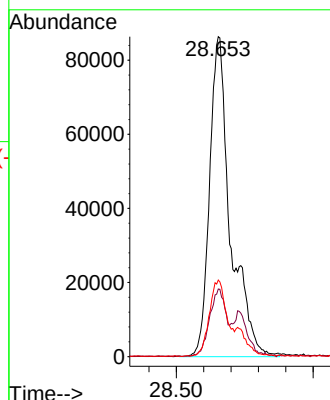
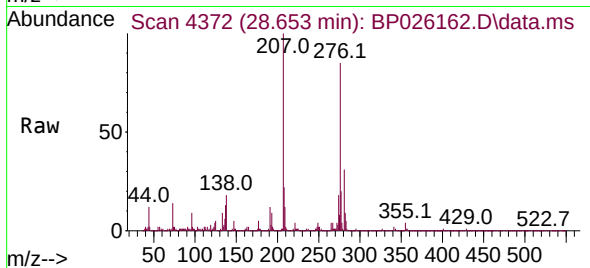
Tgt Ion: 276 Resp: 45594

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.8	20.8
277	20.0	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#88

Benzo(b)fluoranthene

Concen: 3.564 ng

RT: 23.842 min Scan# 3554

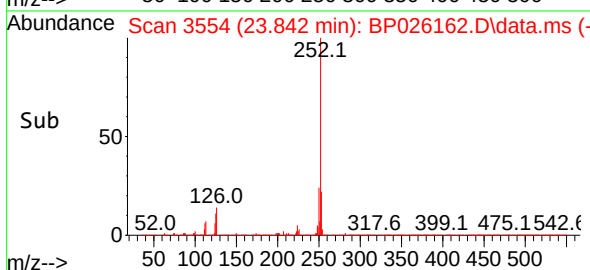
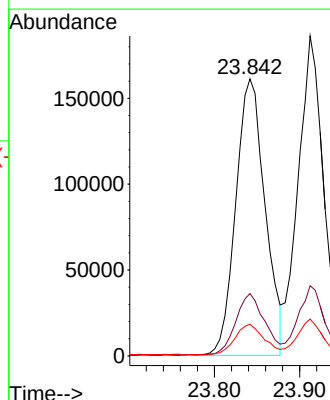
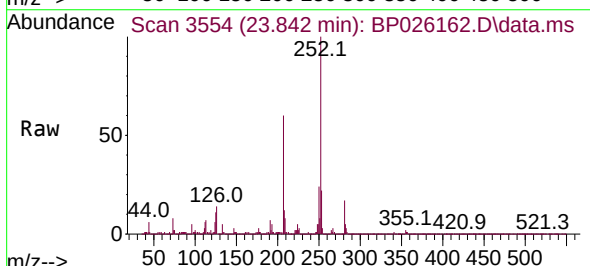
Delta R.T. -0.024 min

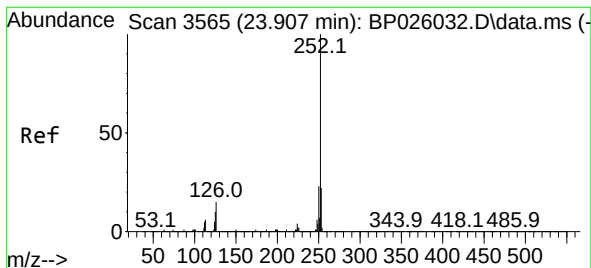
Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Tgt Ion: 252 Resp: 384558

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.4	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 3.634 ng

RT: 23.912 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

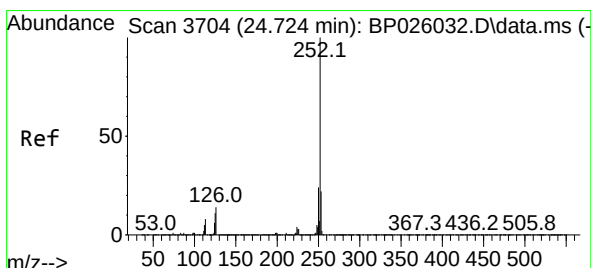
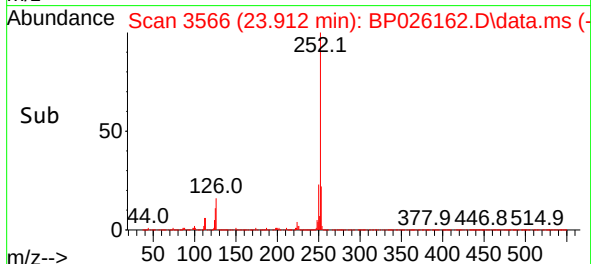
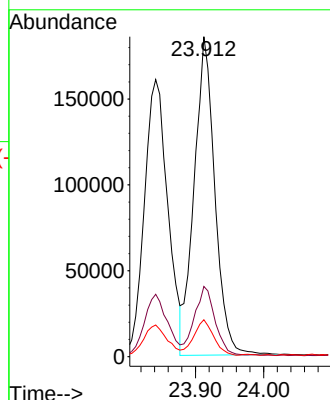
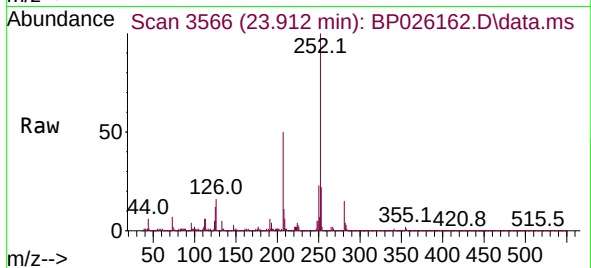
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:252	Resp: 391570
Ion Ratio	Lower Upper
252	100
253	21.9 17.6 26.4
125	11.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#90

Benzo(a)pyrene

Concen: 3.572 ng

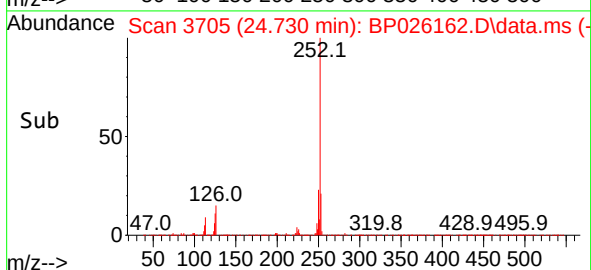
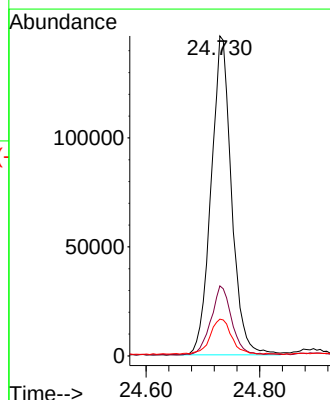
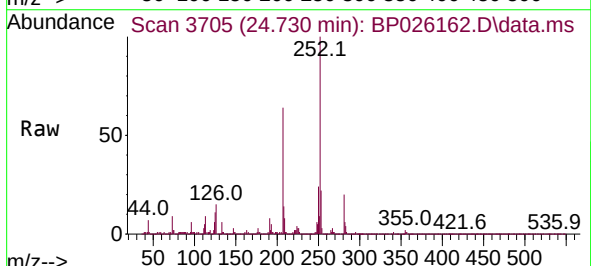
RT: 24.730 min Scan# 3705

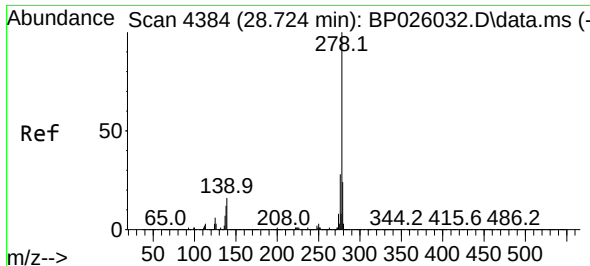
Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

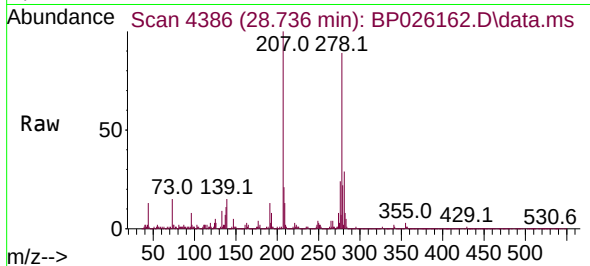
Tgt Ion:252	Resp: 364991
Ion Ratio	Lower Upper
252	100
253	21.9 17.4 26.2
125	11.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 3.402 ng
RT: 28.736 min Scan# 4384
Delta R.T. -0.059 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

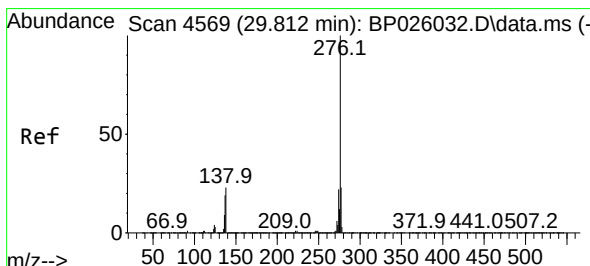
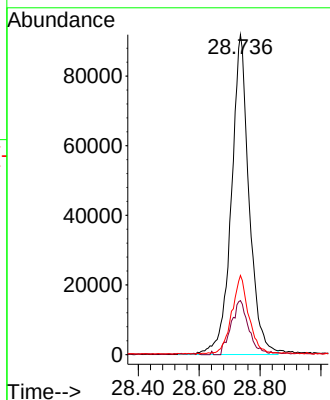
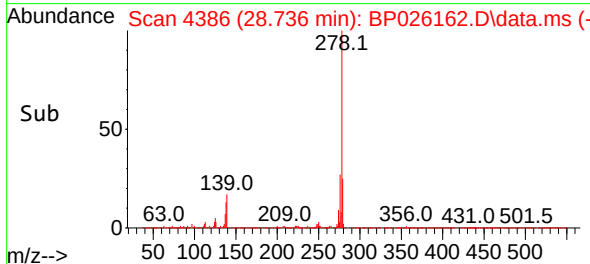
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



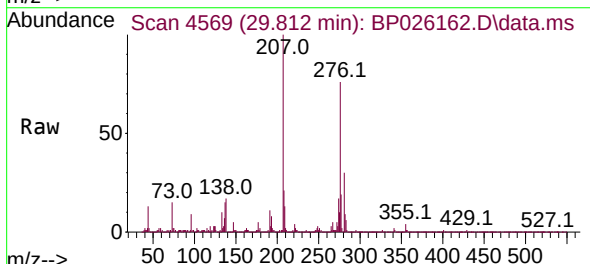
Tgt Ion:278 Resp: 370034
Ion Ratio Lower Upper
278 100
139 16.9 13.2 19.8
279 24.7 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#92
Benzo(g,h,i)perylene
Concen: 3.393 ng
RT: 29.812 min Scan# 4569
Delta R.T. -0.071 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34



Tgt Ion:276 Resp: 366815
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 22.8 17.8 26.6

