

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026163.D
 Acq On : 19 Nov 2025 18:15
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-8ng
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 20 00:53:01 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	211860	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	793256	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	527477	20.000	ng	-0.02
64) Phenanthrene-d10	17.113	188	1104794	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	1243805	20.000	ng	0.00
86) Perylene-d12	24.895	264	1300604	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1818686	137.787	ng	0.00
7) Phenol-d6	6.849	99	2036030	121.166	ng	0.00
23) Nitrobenzene-d5	8.807	82	1241106	88.871	ng	0.00
42) 2,4,6-Tribromophenol	15.819	330	848855	124.053	ng	-0.02
45) 2-Fluorobiphenyl	12.919	172	3165273	87.947	ng	-0.01
79) Terphenyl-d14	19.860	244	5391500	88.386	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	52206	9.751	ng	97
3) Pyridine	3.619	79	115945	7.494	ng	96
4) n-Nitrosodimethylamine	3.525	42	44683	7.727	ng	# 94
6) Aniline	7.002	93	161258	7.268	ng	97
8) 2-Chlorophenol	7.237	128	112606	7.495	ng	92
9) Benzaldehyde	6.819	77	82832	9.406	ng	100
10) Phenol	6.872	94	131241	7.250	ng	94
11) bis(2-Chloroethyl)ether	7.096	93	98901	6.978	ng	99
12) 1,3-Dichlorobenzene	7.566	146	134523	8.311	ng	98
13) 1,4-Dichlorobenzene	7.702	146	131872	8.085	ng	98
14) 1,2-Dichlorobenzene	8.019	146	124459	7.947	ng	99
15) Benzyl Alcohol	7.907	79	79882	6.489	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	140453	7.056	ng	98
17) 2-Methylphenol	8.107	107	84008	6.817	ng	98
18) Hexachloroethane	8.737	117	45612	7.686	ng	98
19) n-Nitroso-di-n-propyla...	8.454	70	72479	6.943	ng	98
20) 3+4-Methylphenols	8.425	107	110242	6.456	ng	100
22) Acetophenone	8.472	105	157675	7.820	ng	99
24) Nitrobenzene	8.849	77	113137	8.009	ng	99
25) Isophorone	9.378	82	203147	7.338	ng	99
26) 2-Nitrophenol	9.554	139	43795	6.127	ng	94
27) 2,4-Dimethylphenol	9.619	122	87399	6.781	ng	97
28) bis(2-Chloroethoxy)met...	9.849	93	130008	7.498	ng	99
29) 2,4-Dichlorophenol	10.096	162	90703	7.041	ng	97
30) 1,2,4-Trichlorobenzene	10.301	180	108727	8.288	ng	99
31) Naphthalene	10.490	128	334797	7.809	ng	99
32) Benzoic acid	9.684	122	63414m	5.842	ng	
33) 4-Chloroaniline	10.590	127	138545	7.599	ng	100
34) Hexachlorobutadiene	10.784	225	65192	7.641	ng	98
35) Caprolactam	11.343	113	31572	6.844	ng	97
36) 4-Chloro-3-methylphenol	11.719	107	100820	7.363	ng	97
37) 2-Methylnaphthalene	12.107	142	210719	6.933	ng	98
38) 1-Methylnaphthalene	12.319	142	225368	7.586	ng	98
40) 1,2,4,5-Tetrachloroben...	12.484	216	123679	7.754	ng	99
41) Hexachlorocyclopentadiene	12.472	237	58479	5.602	ng	99
43) 2,4,6-Trichlorophenol	12.719	196	75369	6.893	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	84737	6.943	ng	98
46) 1,1'-Biphenyl	13.131	154	315052	7.932	ng	99
47) 2-Chloronaphthalene	13.172	162	241910	7.745	ng	99
48) 2-Nitroaniline	13.366	65	55535	6.394	ng	97
49) Acenaphthylene	14.019	152	386194	7.496	ng	99
50) Dimethylphthalate	13.754	163	305345	7.750	ng	99
51) 2,6-Dinitrotoluene	13.872	165	57824	7.407	ng	99
52) Acenaphthene	14.366	154	245115	8.119	ng	98
53) 3-Nitroaniline	14.201	138	62423	6.791	ng	# 89
54) 2,4-Dinitrophenol	14.407	184	19730	4.187	ng	89
55) Dibenzofuran	14.713	168	381045	8.149	ng	99
56) 4-Nitrophenol	14.525	139	45902	5.520	ng	97
57) 2,4-Dinitrotoluene	14.672	165	75330	6.463	ng	98
58) Fluorene	15.378	166	302868	8.194	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.948	232	79391	7.667	ng	99
60) Diethylphthalate	15.148	149	305325	7.693	ng	100
61) 4-Chlorophenyl-phenyle...	15.372	204	148302	8.064	ng	99
62) 4-Nitroaniline	15.378	138	63213	6.623	ng	95
63) Azobenzene	15.672	77	262881	7.856	ng	97
65) 4,6-Dinitro-2-methylph...	15.448	198	36053	5.137	ng	96
66) n-Nitrosodiphenylamine	15.595	169	266838	7.808	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	91826	7.505	ng	96
68) Hexachlorobenzene	16.407	284	109044	7.680	ng	98
69) Atrazine	16.572	200	95998	7.449	ng	99
70) Pentachlorophenol	16.766	266	61763	6.219	ng	98
71) Phenanthrene	17.160	178	509078	8.180	ng	99
72) Anthracene	17.254	178	500185	7.880	ng	99
73) Carbazole	17.525	167	474746	7.874	ng	99
74) Di-n-butylphthalate	18.148	149	517902	7.246	ng	99
75) Fluoranthene	19.248	202	604694	7.997	ng	100
77) Benzidine	19.460	184	237094	6.006	ng	98
78) Pyrene	19.630	202	639807	7.845	ng	100
80) Butylbenzylphthalate	20.607	149	221746	6.174	ng	97
81) Benzo(a)anthracene	21.548	228	662468	7.755	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	208793	6.721	ng	97
83) Chrysene	21.613	228	632731	7.859	ng	99
84) Bis(2-ethylhexyl)phtha...	21.513	149	358207	6.589	ng	100
85) Di-n-octyl phthalate	22.795	149	543231	5.714	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	734034	7.525	ng	# 94
88) Benzo(b)fluoranthene	23.842	252	637371	8.047	ng	98
89) Benzo(k)fluoranthene	23.913	252	630365	7.968	ng	97
90) Benzo(a)pyrene	24.730	252	597142	7.959	ng	99
91) Dibenzo(a,h)anthracene	28.742	278	604036	7.565	ng	98
92) Benzo(g,h,i)perylene	29.818	276	604976	7.623	ng	98

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

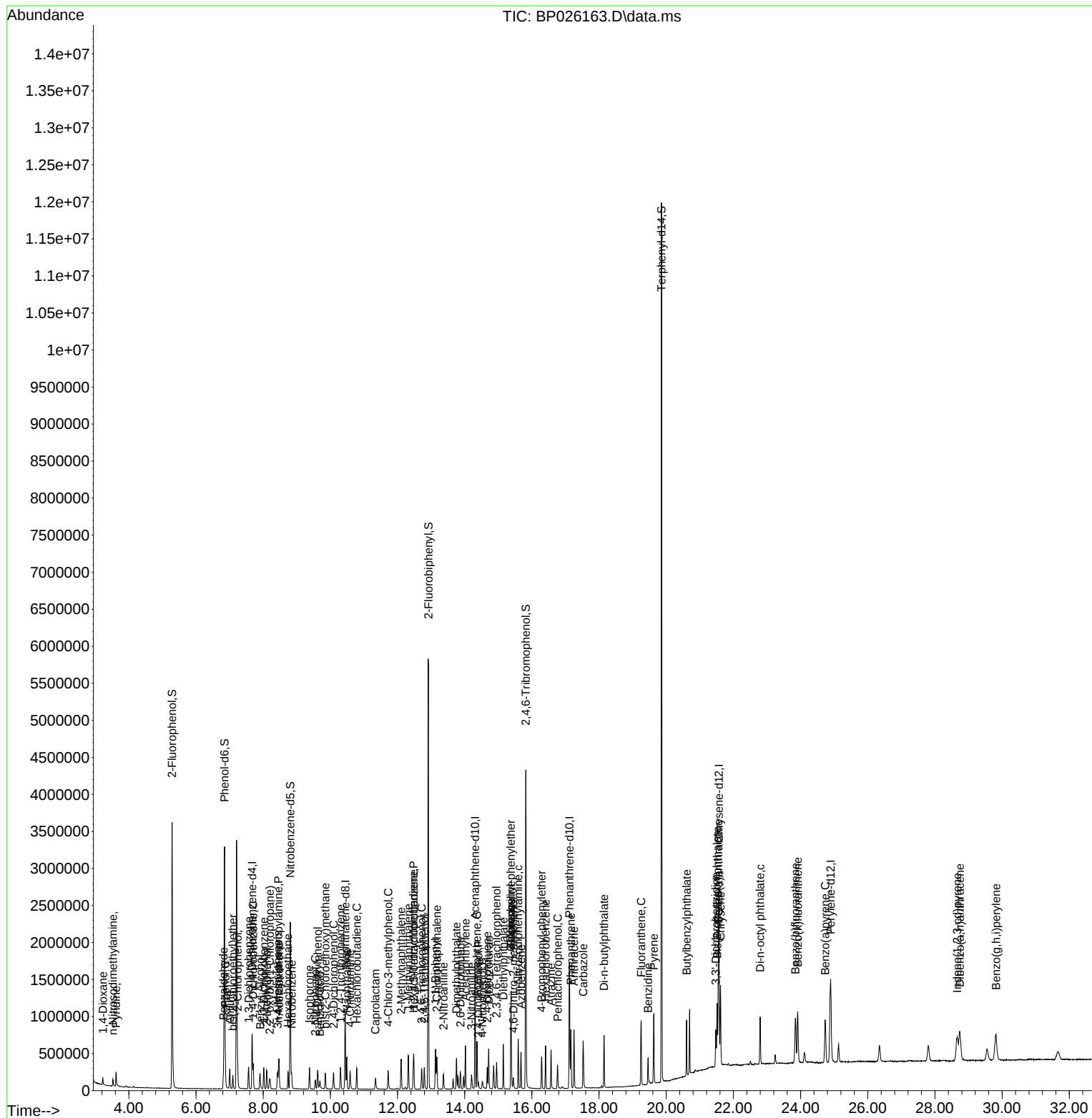
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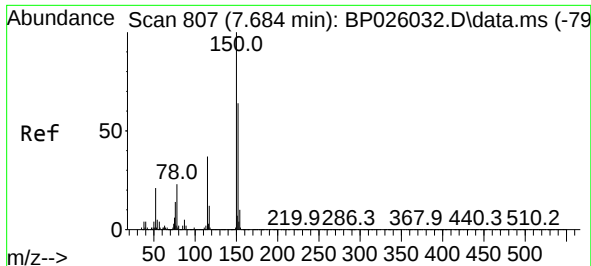
Instrument :
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ClientSampleId :
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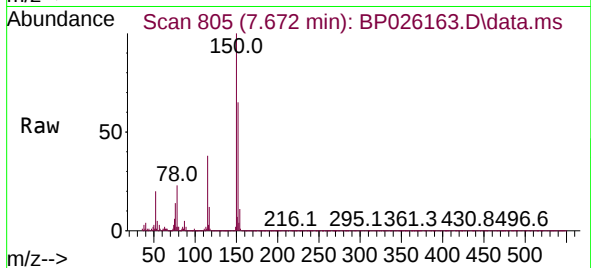
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

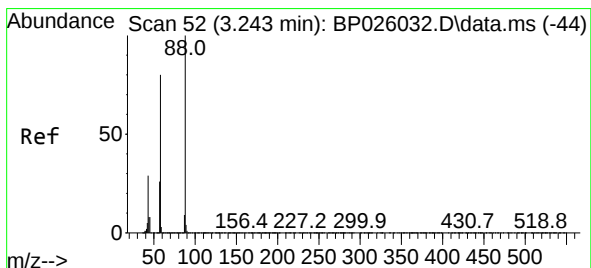
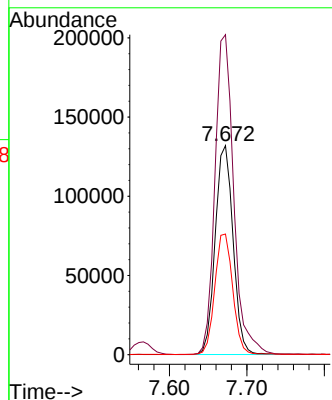
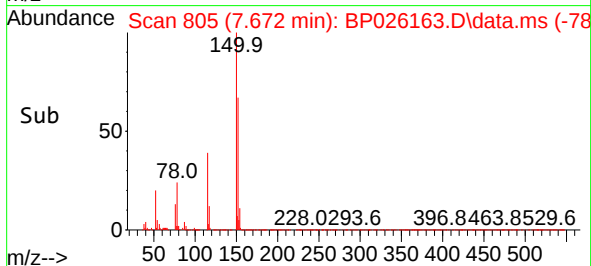
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:152 Resp: 211860
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.6
115 57.7 46.3 69.5

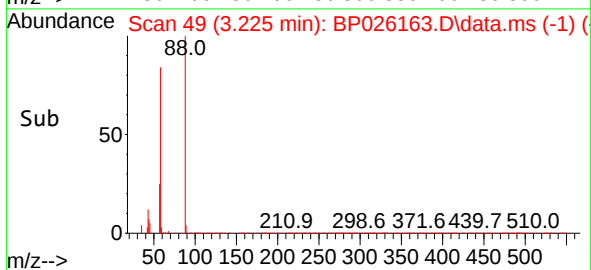
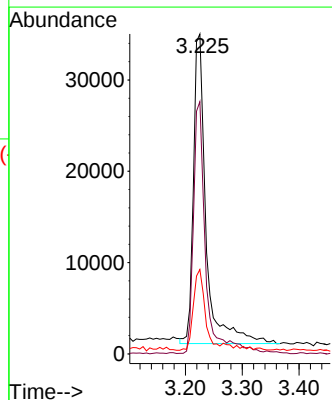
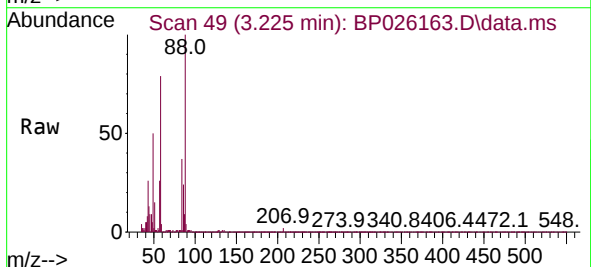
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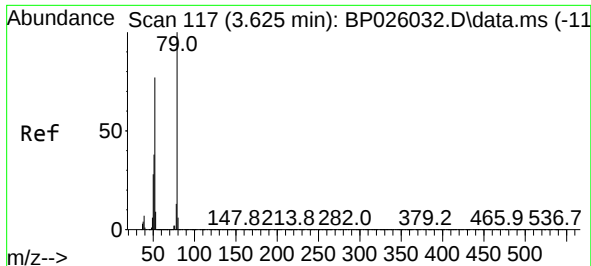
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#2
1,4-Dioxane
Concen: 9.751 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 88 Resp: 52206
Ion Ratio Lower Upper
88 100
58 78.1 64.2 96.4
43 24.0 21.5 32.3





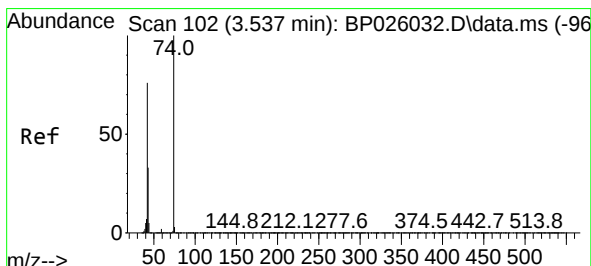
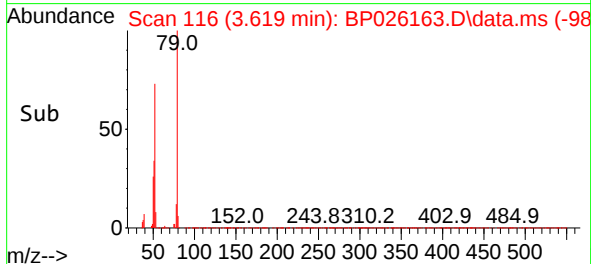
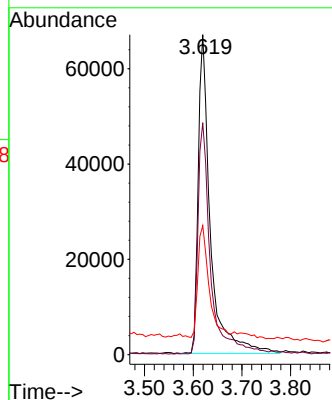
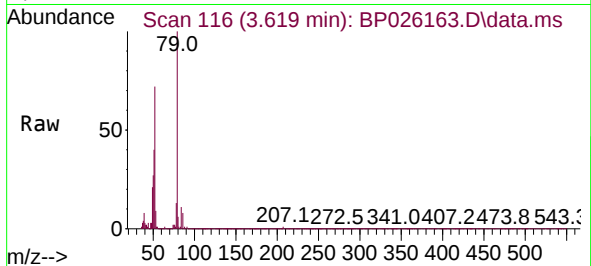
#3
Pyridine
Concen: 7.494 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion: 79 Resp: 115945
Ion Ratio Lower Upper
79 100
52 72.5 60.2 90.2
51 40.3 29.5 44.3

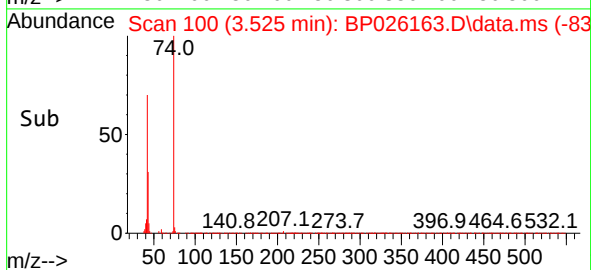
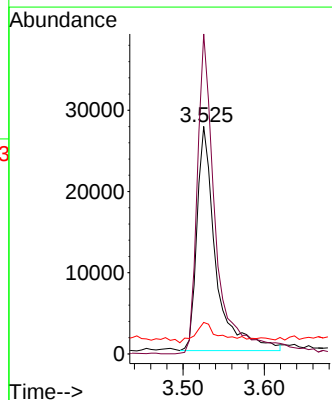
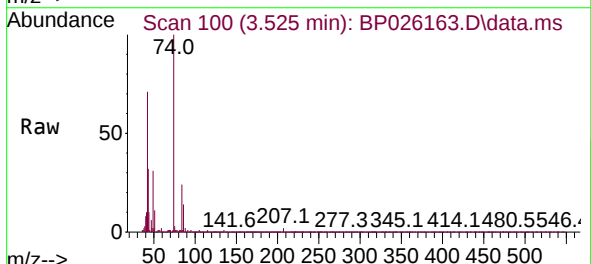
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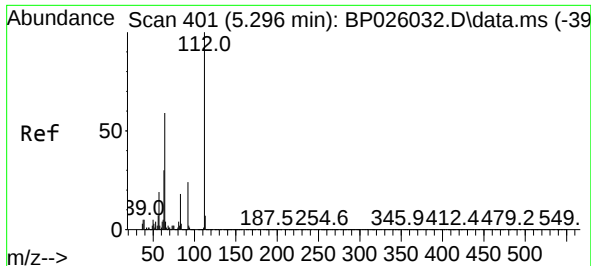
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#4
n-Nitrosodimethylamine
Concen: 7.727 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 42 Resp: 44683
Ion Ratio Lower Upper
42 100
74 140.7 118.1 177.1
44 13.8 6.2 9.4





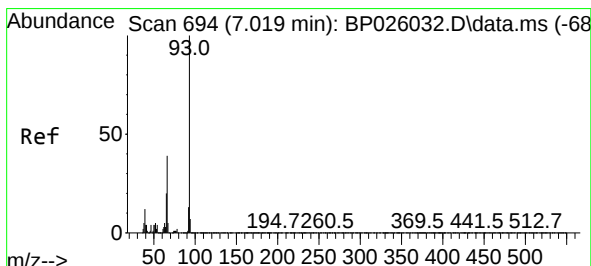
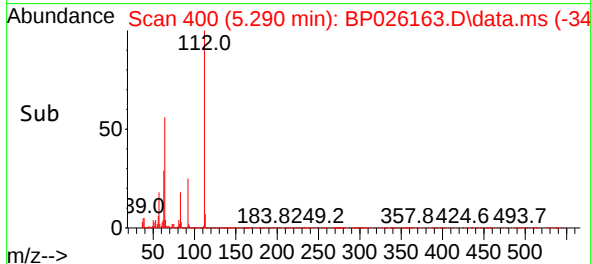
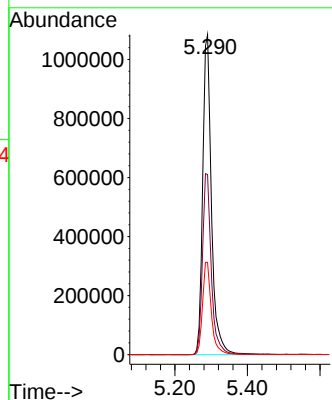
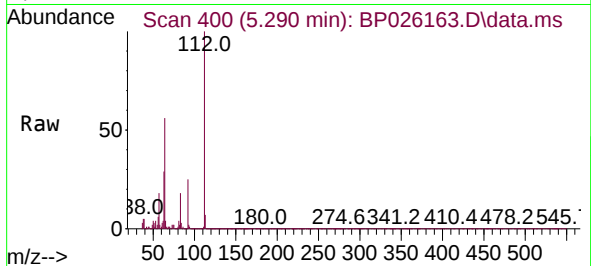
#5
2-Fluorophenol
Concen: 137.787 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:112 Resp: 1818686
Ion Ratio Lower Upper
112 100
64 56.3 45.8 68.6
63 28.8 23.5 35.3

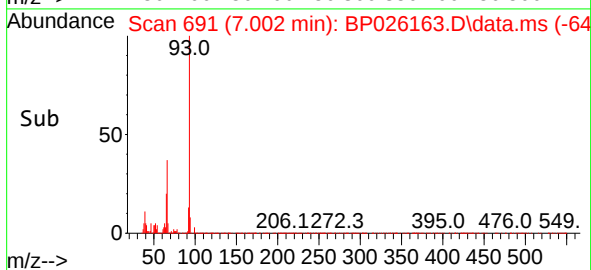
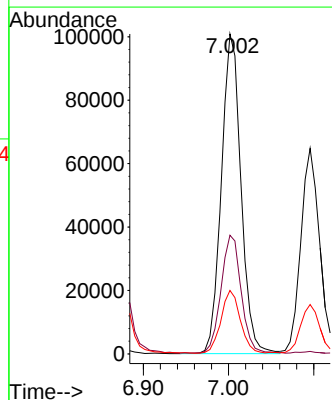
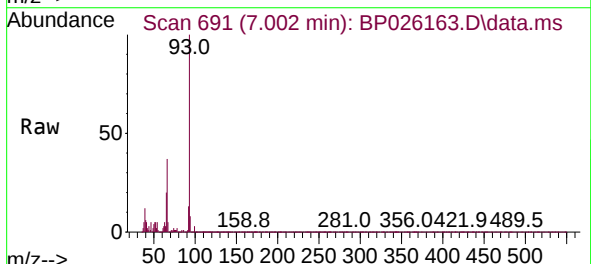
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#6
Aniline
Concen: 7.268 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

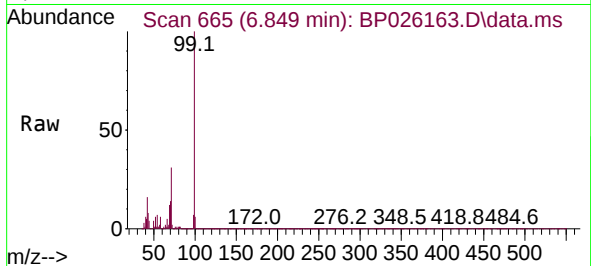
Tgt Ion: 93 Resp: 161258
Ion Ratio Lower Upper
93 100
66 37.1 31.7 47.5
65 19.8 15.8 23.6





#7
Phenol-d6
Concen: 121.166 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

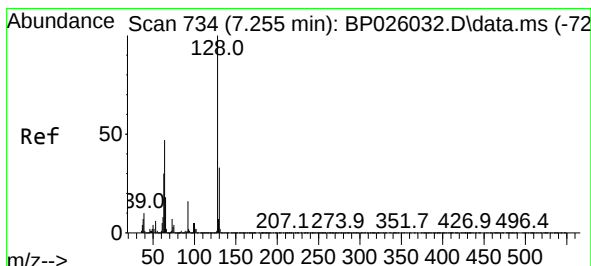
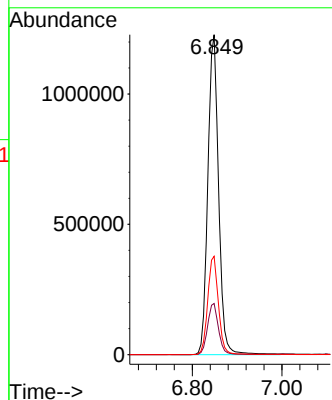
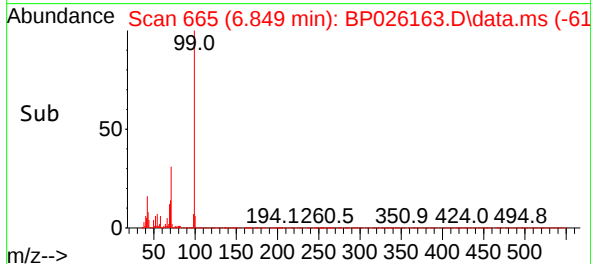
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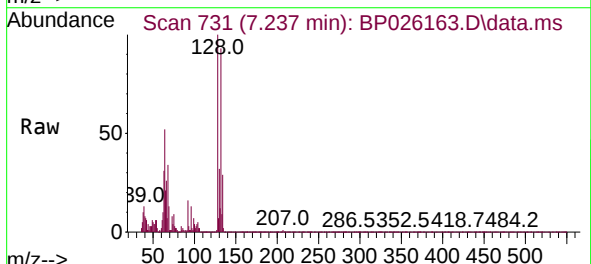
Tgt Ion: 99 Resp: 2036030
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 30.7 24.8 37.2

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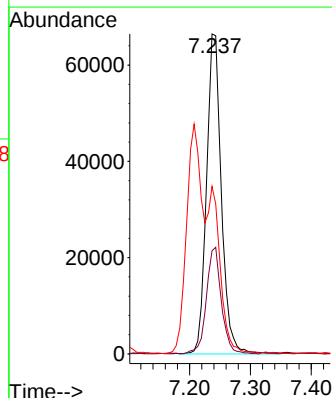
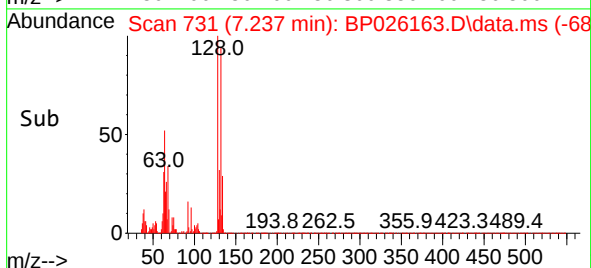
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#8
2-Chlorophenol
Concen: 7.495 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15



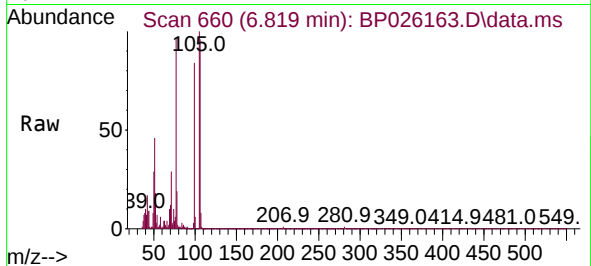
Tgt Ion:128 Resp: 112606
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 52.3 23.9 63.9





#9
Benzaldehyde
Concen: 9.406 ng
RT: 6.819 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP026163.D
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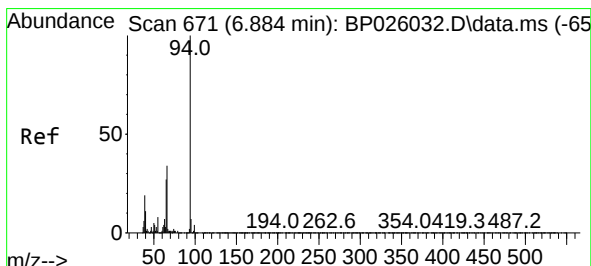
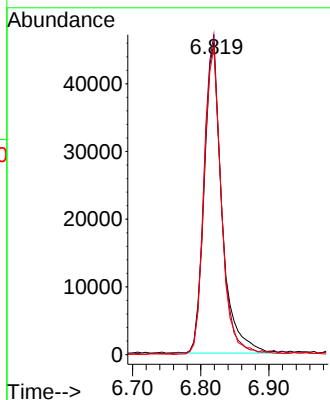
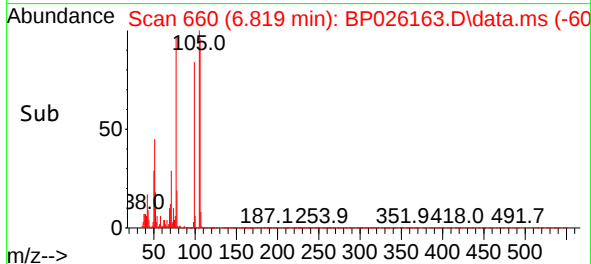
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Tgt Ion: 77 Resp: 82832
Ion Ratio Lower Upper
77 100
105 102.7 82.9 122.9
106 98.5 77.8 117.8

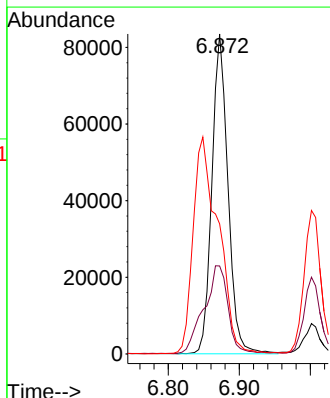
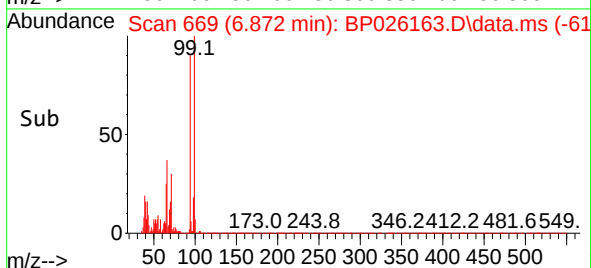
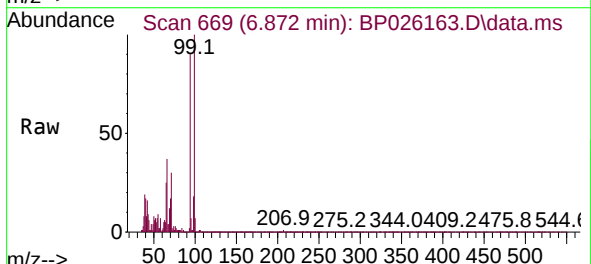
Manual Integrations
APPROVED

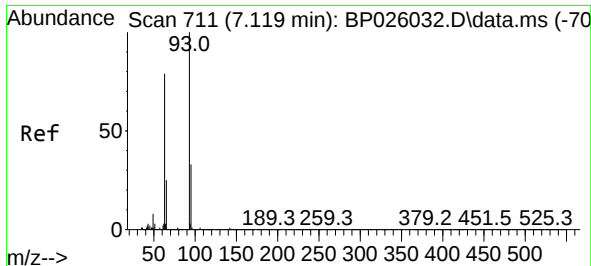
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#10
Phenol
Concen: 7.250 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

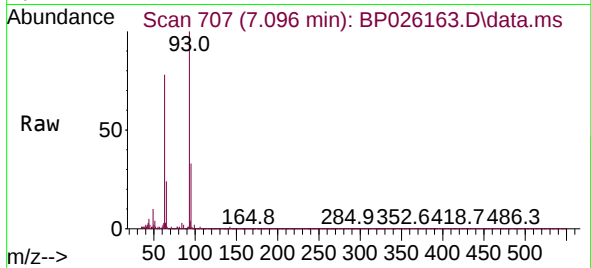
Tgt Ion: 94 Resp: 131241
Ion Ratio Lower Upper
94 100
65 27.5 7.0 47.0
66 40.6 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 6.978 ng
RT: 7.096 min Scan# 70
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

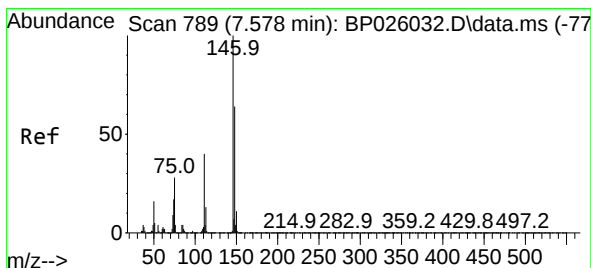
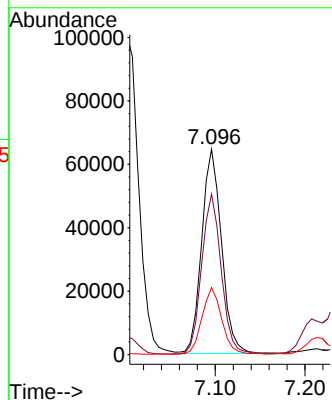
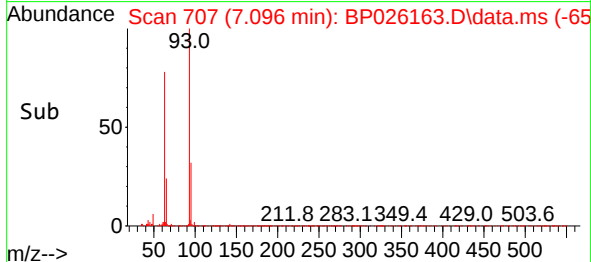
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



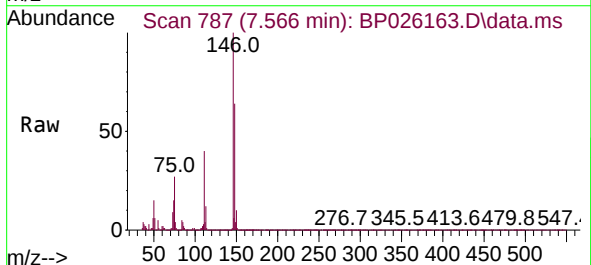
Tgt Ion: 93 Resp: 98901
Ion Ratio Lower Upper
93 100
63 78.1 58.8 98.8
95 32.6 12.1 52.1

Manual Integrations
APPROVED

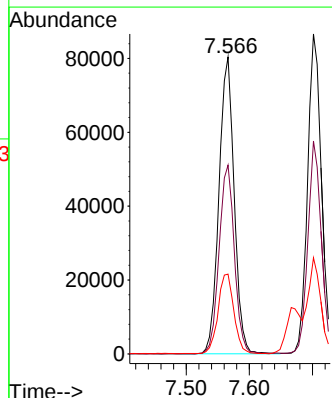
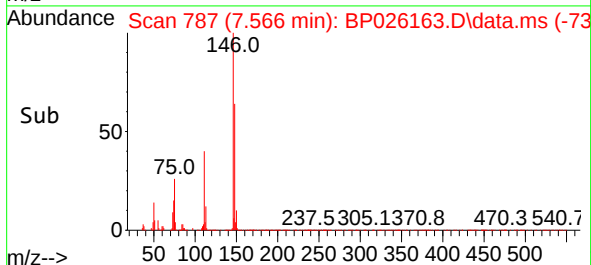
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

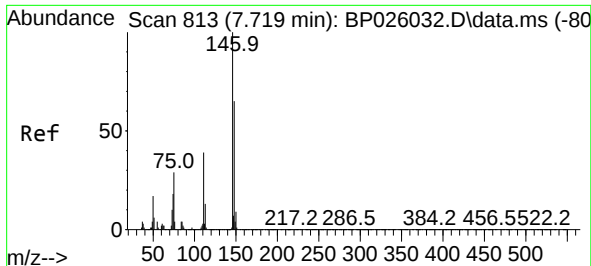


#12
1,3-Dichlorobenzene
Concen: 8.311 ng
RT: 7.566 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15



Tgt Ion:146 Resp: 134523
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 26.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 8.085 ng

RT: 7.702 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:146 Resp: 131872

Ion Ratio Lower Upper

146 100

148 66.5 51.4 77.2

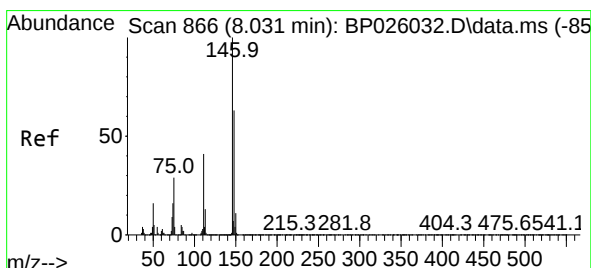
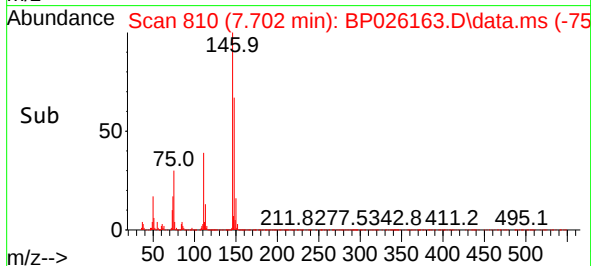
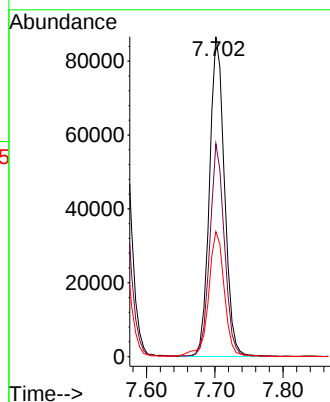
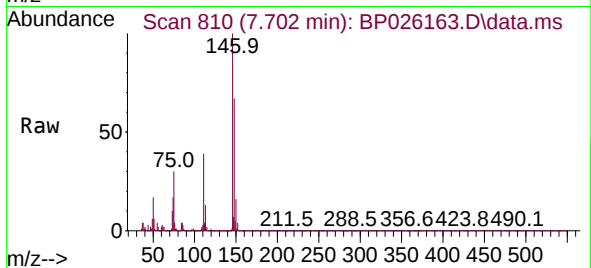
111 39.0 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025

Supervised By :Sohil Jodhani 11/20/2025



#14

1,2-Dichlorobenzene

Concen: 7.947 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

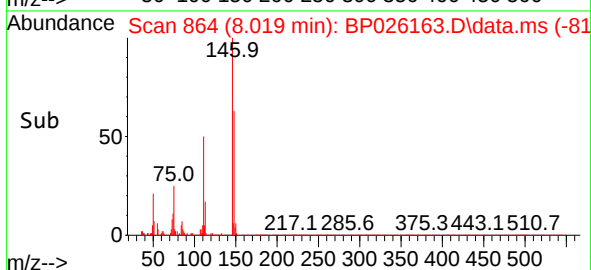
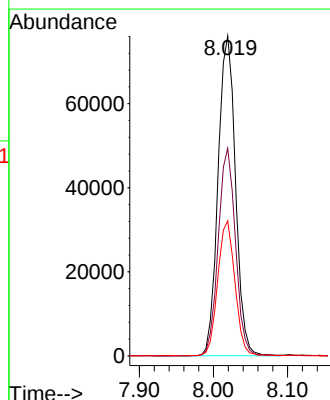
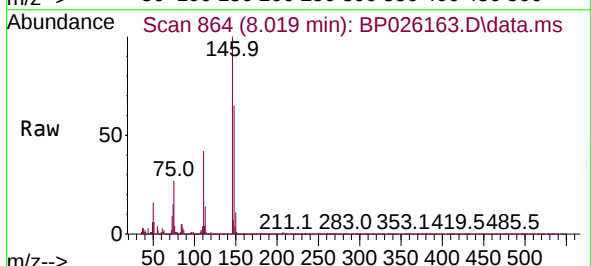
Tgt Ion:146 Resp: 124459

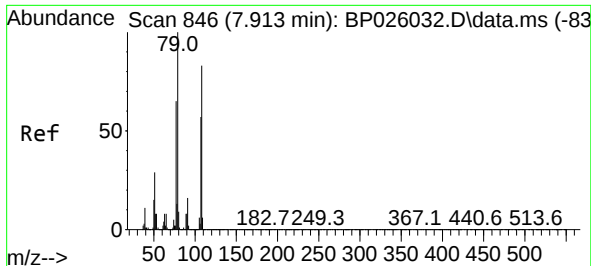
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

111 42.2 33.0 49.4





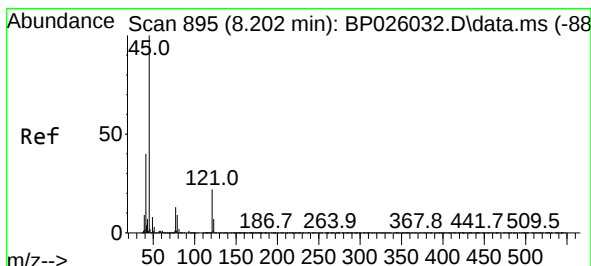
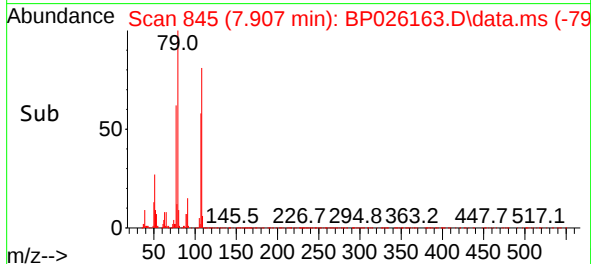
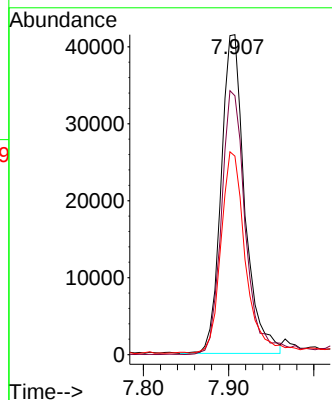
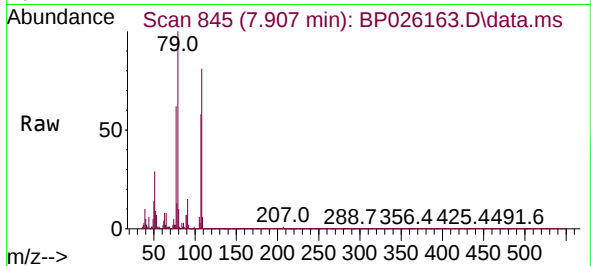
#15
Benzyl Alcohol
Concen: 6.489 ng
RT: 7.907 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion: 79 Resp: 79882
Ion Ratio Lower Upper
79 100
108 80.9 66.2 99.4
77 62.0 50.0 75.0

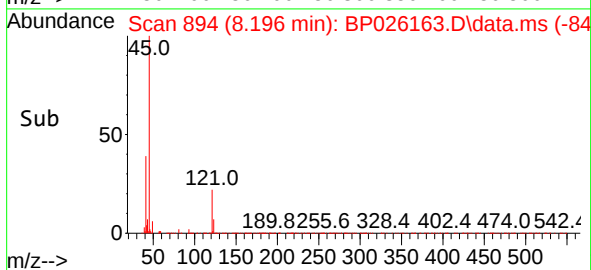
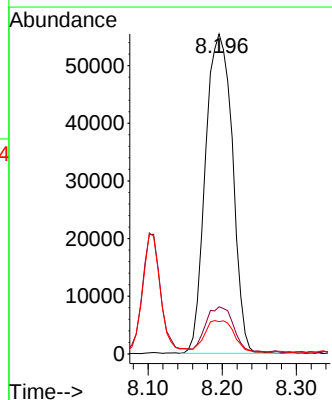
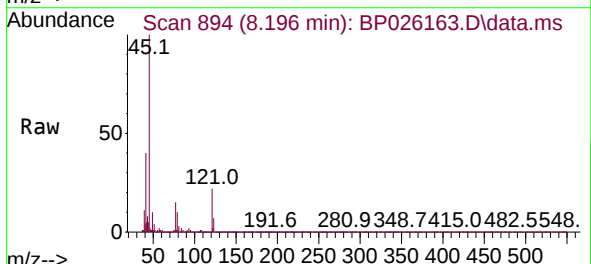
Manual Integrations
APPROVED

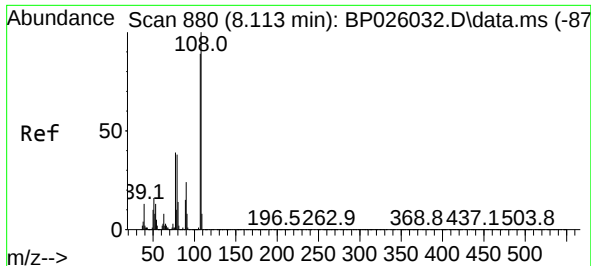
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.056 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

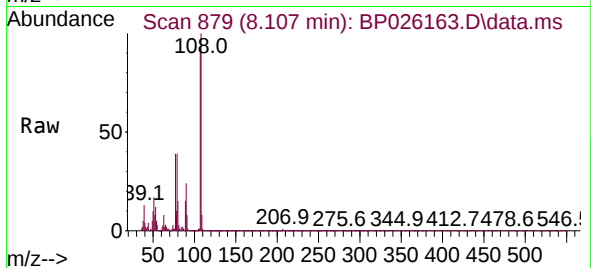
Tgt Ion: 45 Resp: 140453
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.9
79 10.1 0.0 30.4





#17
2-Methylphenol
Concen: 6.817 ng
RT: 8.107 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

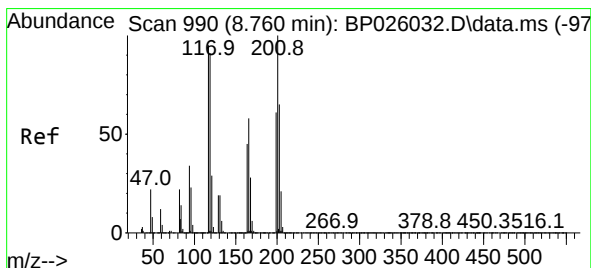
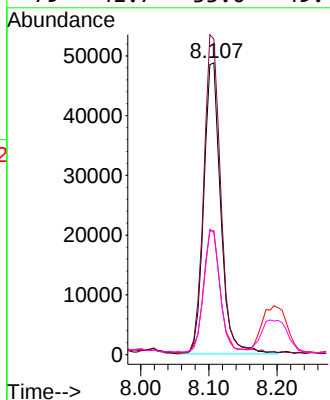
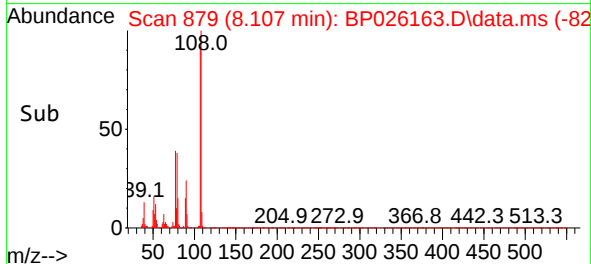
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:107 Resp: 84008
Ion Ratio Lower Upper
107 100
108 108.1 89.7 134.5
77 42.5 33.9 50.9
79 41.7 33.0 49.4

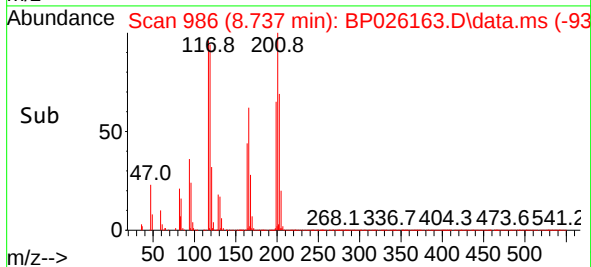
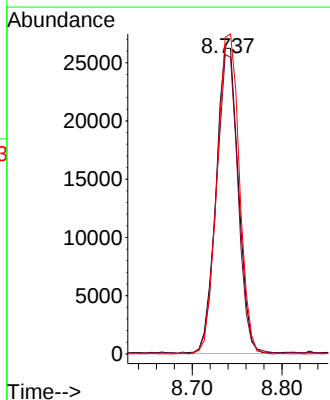
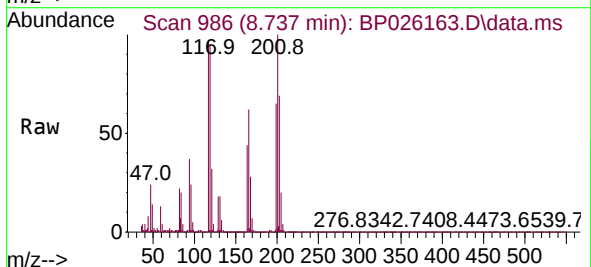
Manual Integrations
APPROVED

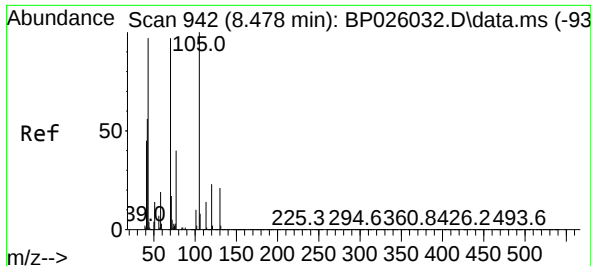
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#18
Hexachloroethane
Concen: 7.686 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:117 Resp: 45612
Ion Ratio Lower Upper
117 100
119 98.0 78.7 118.1
201 103.6 85.1 127.7





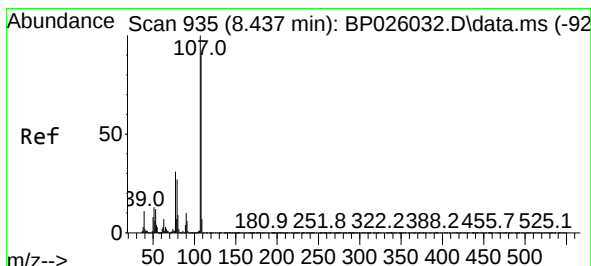
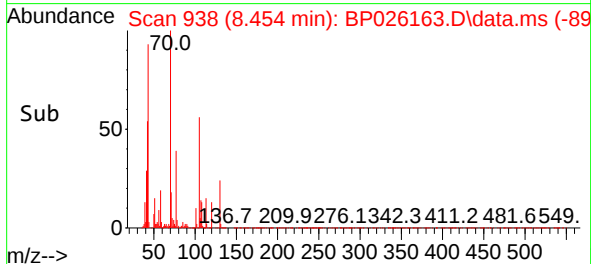
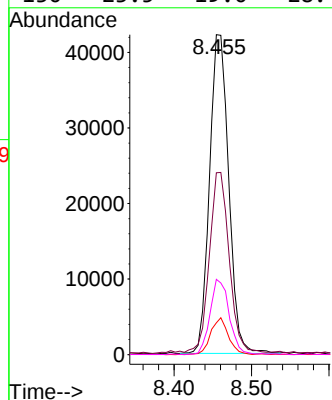
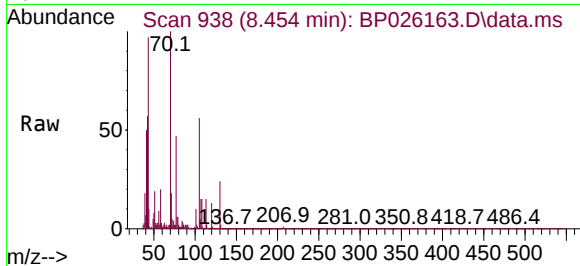
#19
n-Nitroso-di-n-propylamine
Concen: 6.943 ng
RT: 8.454 min Scan# 938
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion: 70 Resp: 72479
Ion Ratio Lower Upper
70 100
42 56.8 44.1 66.1
101 9.9 8.2 12.4
130 23.5 19.0 28.4

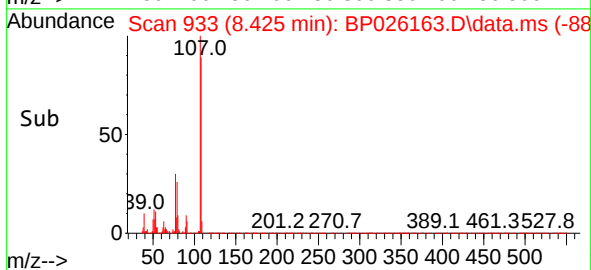
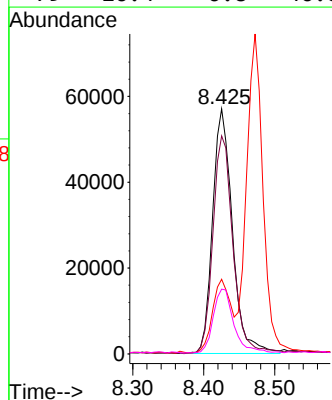
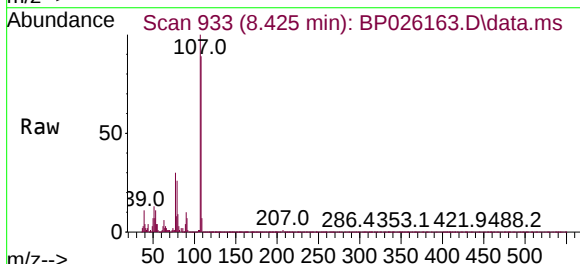
Manual Integrations
APPROVED

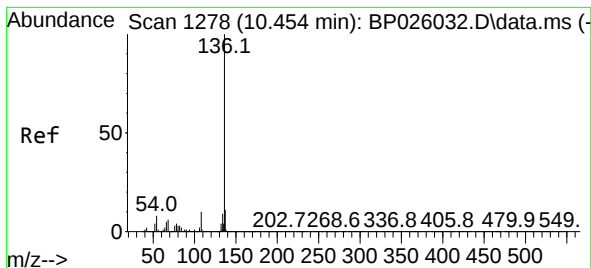
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#20
3+4-Methylphenols
Concen: 6.456 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:107 Resp: 110242
Ion Ratio Lower Upper
107 100
108 89.0 68.9 108.9
77 30.5 10.4 50.4
79 26.4 6.8 46.8





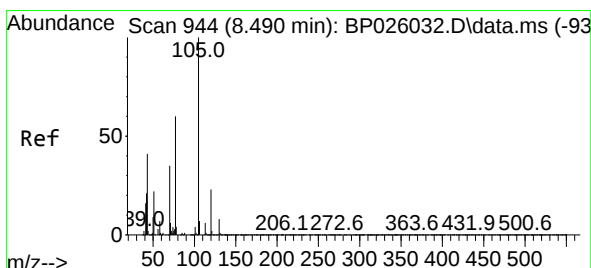
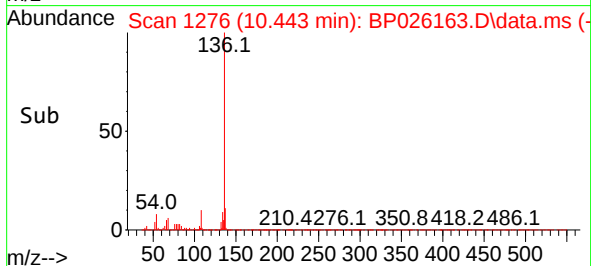
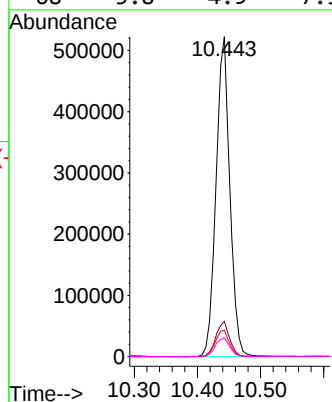
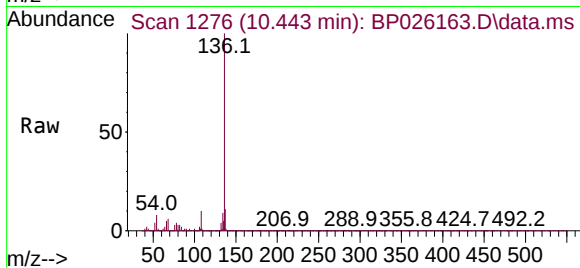
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:	136	Resp:	793256
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	8.3	6.4	9.6
68	5.8	4.9	7.3

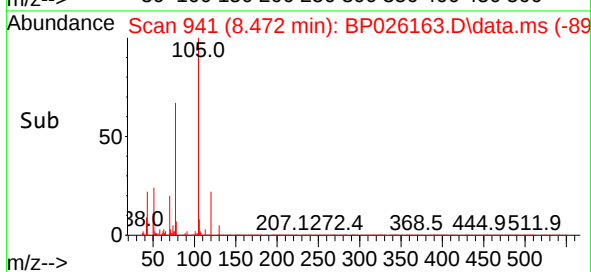
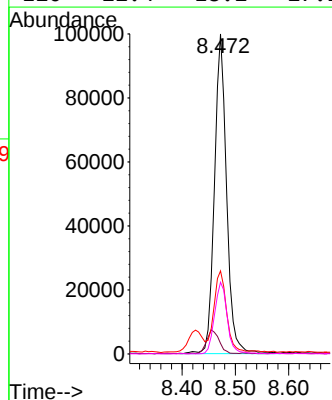
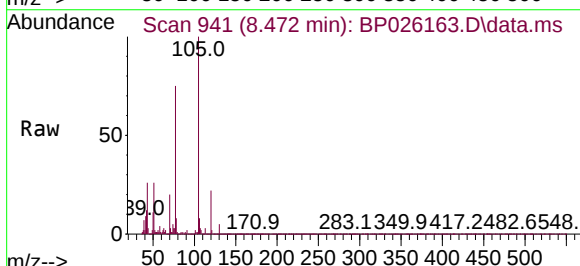
Manual Integrations
APPROVED

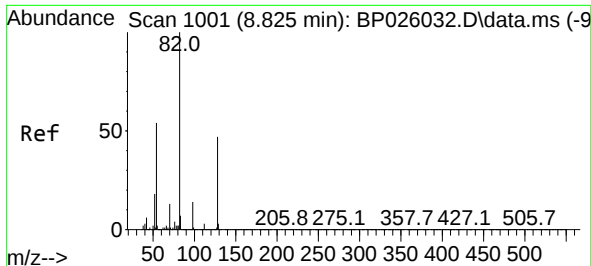
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#22
Acetophenone
Concen: 7.820 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	105	Resp:	157675
Ion Ratio	Lower	Upper	
105	100		
71	3.3	3.0	4.4
51	25.9	20.5	30.7
120	22.4	18.2	27.2





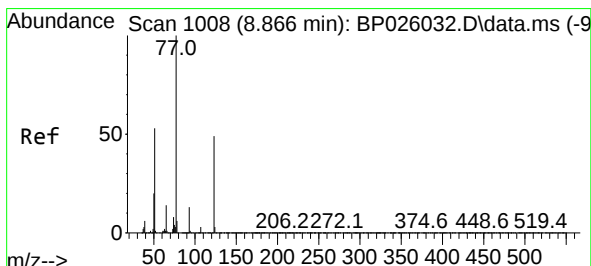
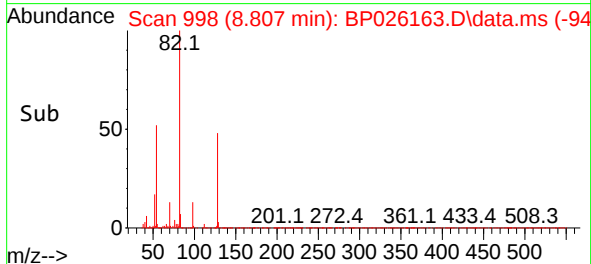
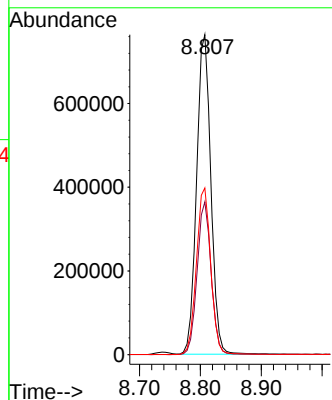
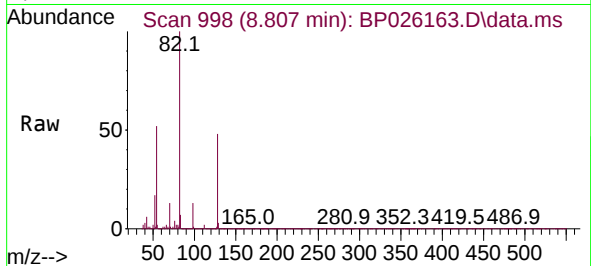
#23
Nitrobenzene-d5
Concen: 88.871 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion: 82 Resp: 1241106
Ion Ratio Lower Upper
82 100
128 47.7 37.4 56.0
54 52.1 41.6 62.4

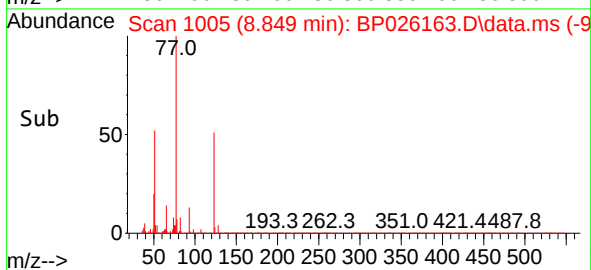
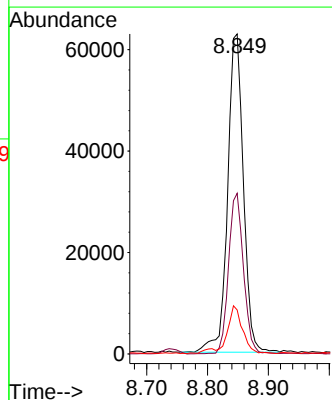
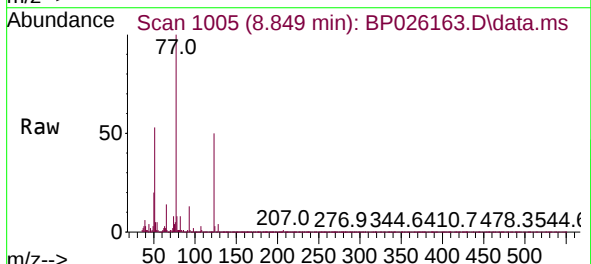
Manual Integrations
APPROVED

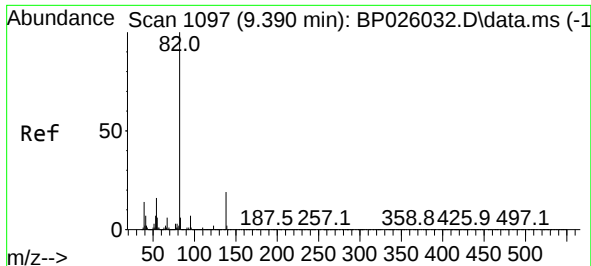
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#24
Nitrobenzene
Concen: 8.009 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 77 Resp: 113137
Ion Ratio Lower Upper
77 100
123 50.2 39.8 59.8
65 13.7 11.2 16.8





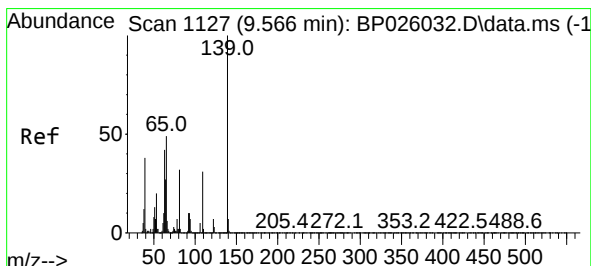
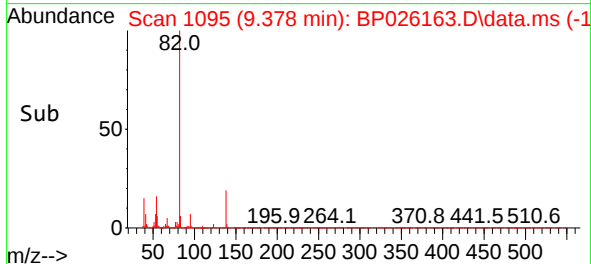
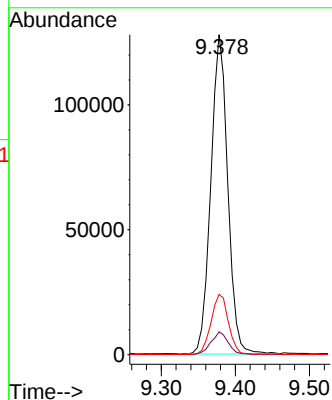
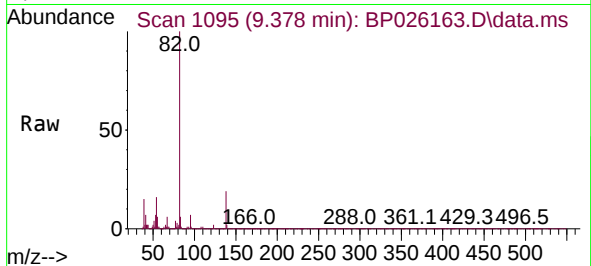
#25
Isophorone
Concen: 7.338 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion: 82 Resp: 20314
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 18.9 15.4 23.0

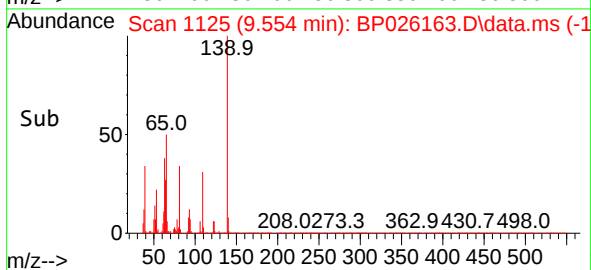
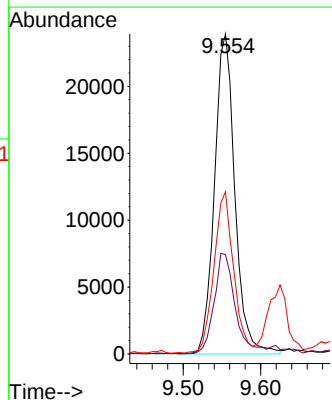
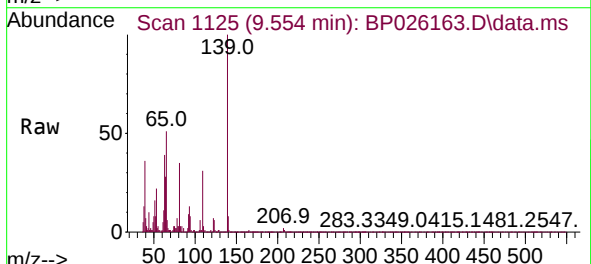
Manual Integrations
APPROVED

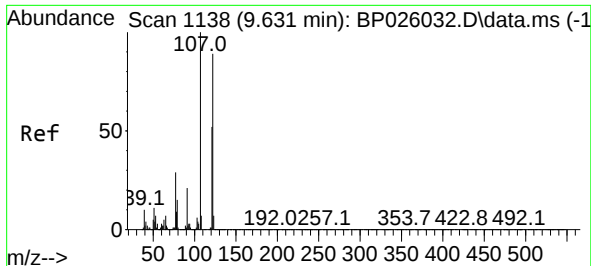
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#26
2-Nitrophenol
Concen: 6.127 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:139 Resp: 43795
Ion Ratio Lower Upper
139 100
109 31.0 22.3 33.5
65 50.7 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 6.781 ng

RT: 9.619 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

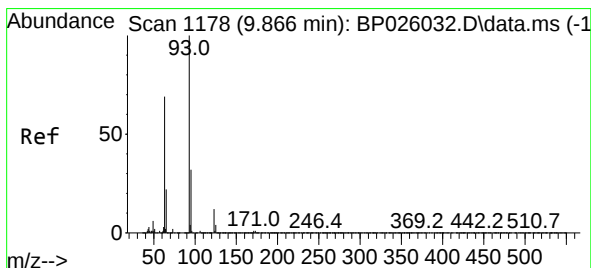
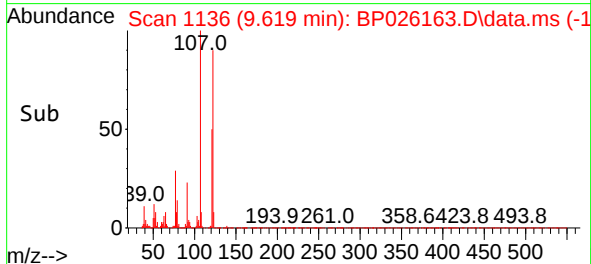
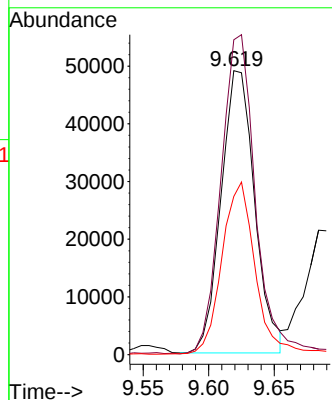
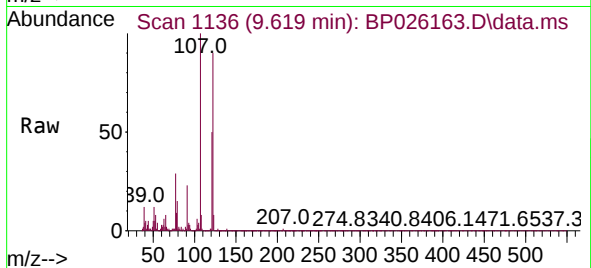
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	122	Resp:	87399
Ion	Ratio	Lower	Upper
122	100		
107	110.9	91.0	136.6
121	55.7	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: 7.498 ng

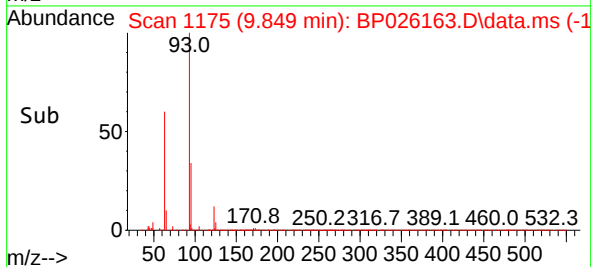
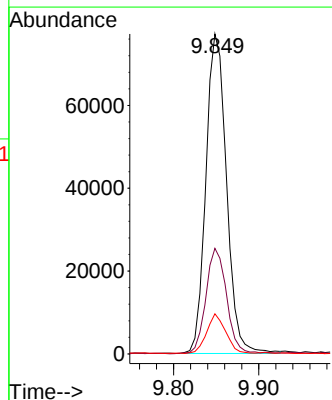
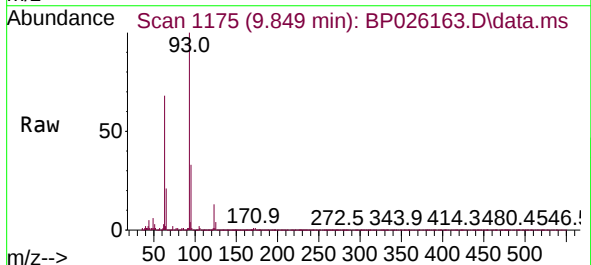
RT: 9.849 min Scan# 1175

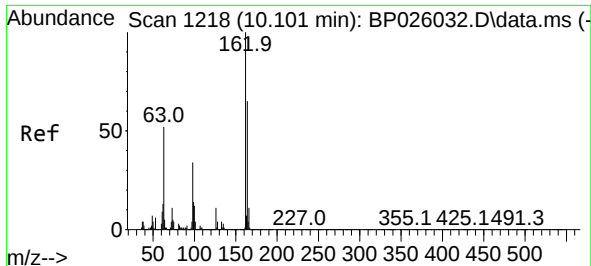
Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Tgt Ion:	93	Resp:	130008
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.6	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 7.041 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

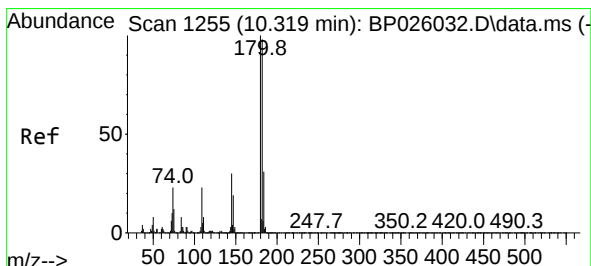
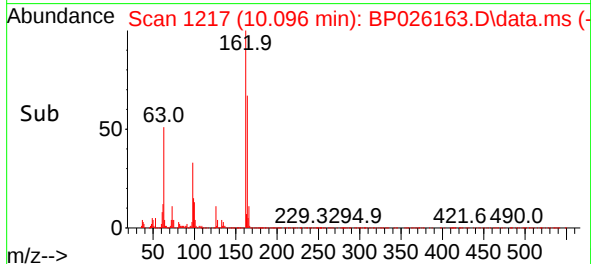
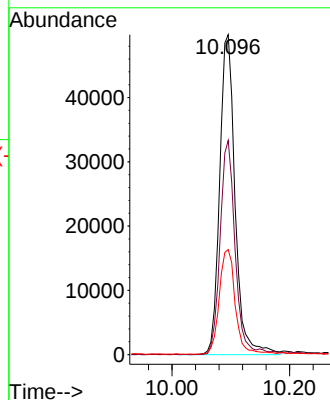
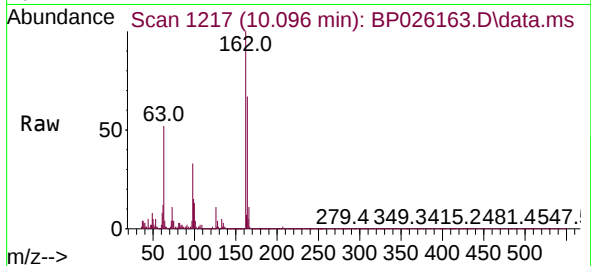
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	162	Resp:	90703
Ion Ratio	Lower	Upper	
162	100		
164	66.9	43.8	83.8
98	32.8	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: 8.288 ng

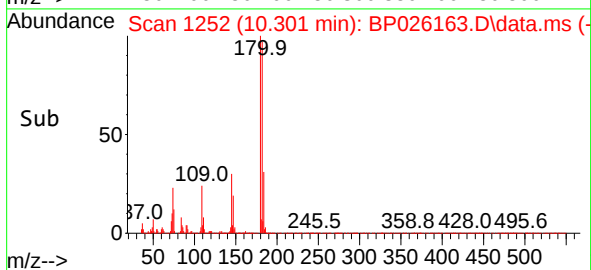
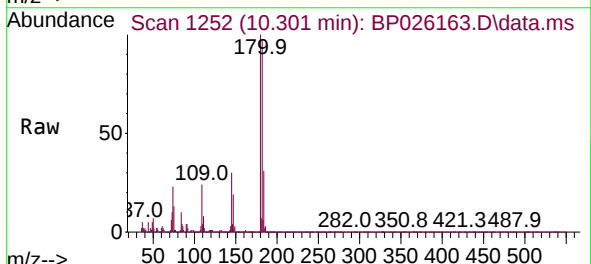
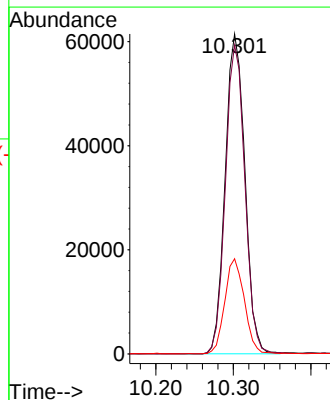
RT: 10.301 min Scan# 1252

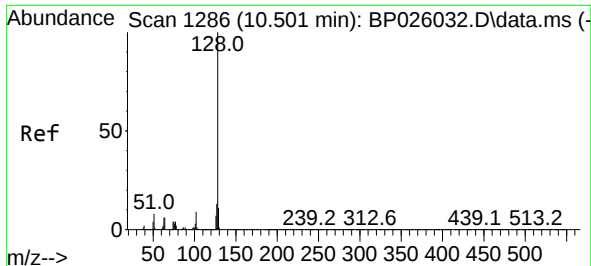
Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

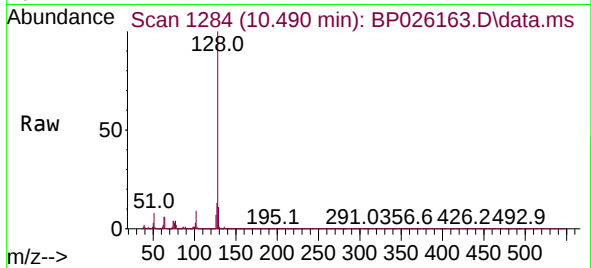
Tgt Ion:	180	Resp:	108727
Ion Ratio	Lower	Upper	
180	100		
182	96.5	78.1	117.1
145	29.8	24.2	36.4





#31
Naphthalene
Concen: 7.809 ng
RT: 10.490 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

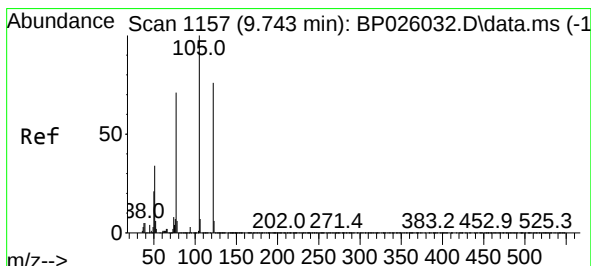
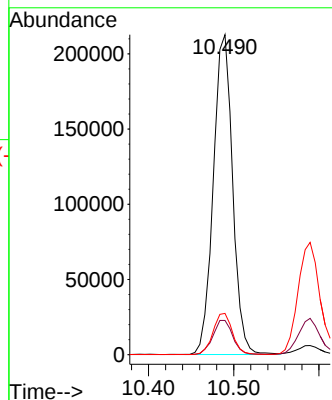
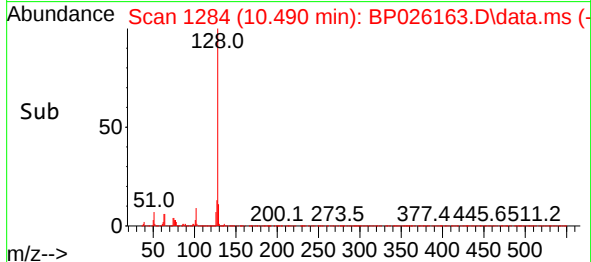
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:128 Resp: 33479
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.9 10.2 15.4

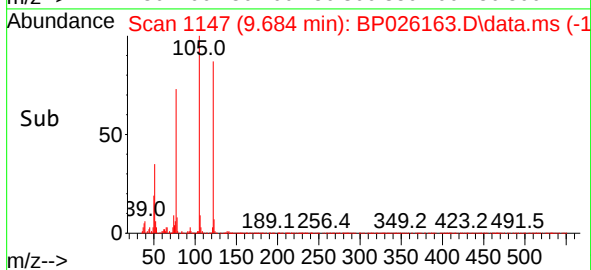
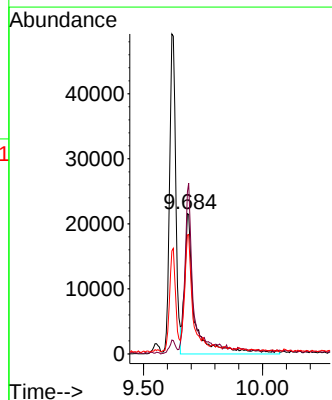
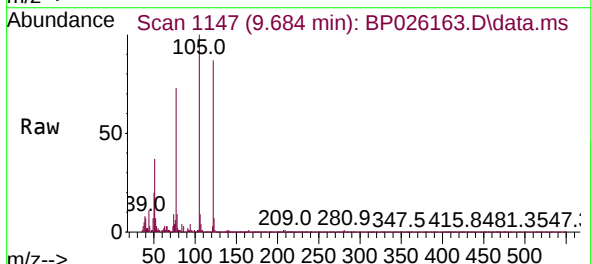
Manual Integrations
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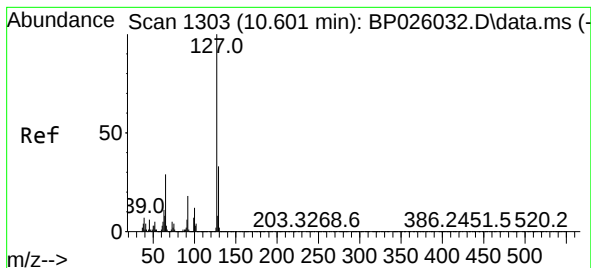
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#32
Benzoic acid
Concen: 5.842 ng m
RT: 9.684 min Scan# 1147
Delta R.T. -0.082 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

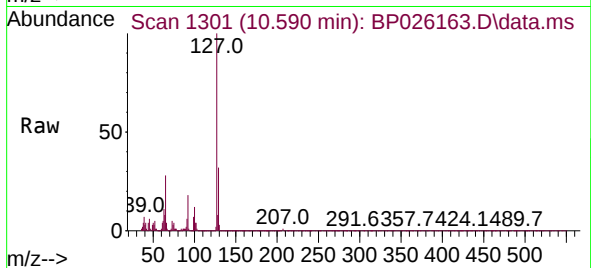
Tgt Ion:122 Resp: 63414
Ion Ratio Lower Upper
122 100
105 115.5 100.1 140.1
77 84.8 66.7 106.7





#33
4-Chloroaniline
Concen: 7.599 ng
RT: 10.590 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

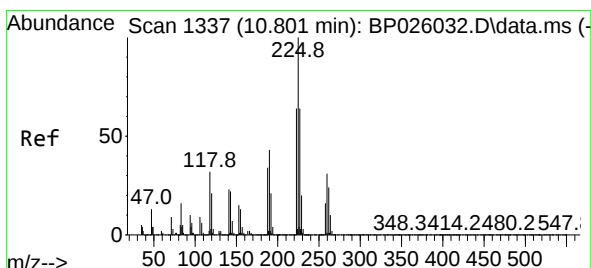
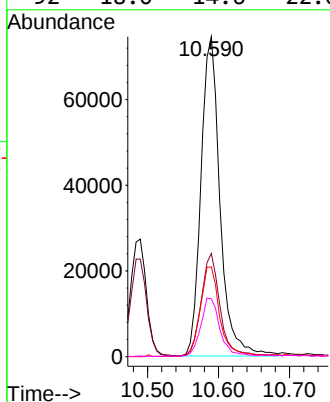
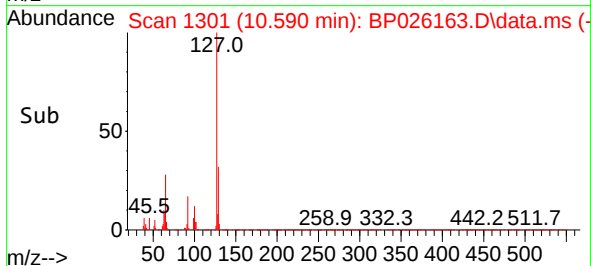
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



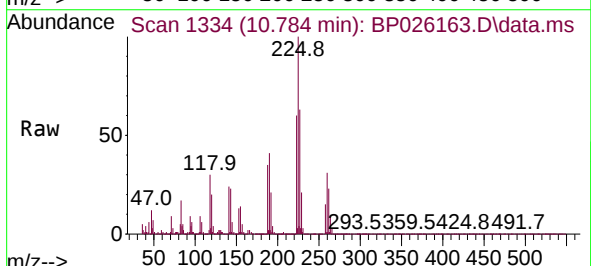
Tgt Ion:127 Resp: 138545
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 28.0 22.7 34.1
92 18.0 14.6 22.0

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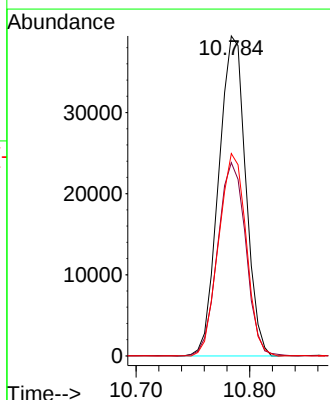
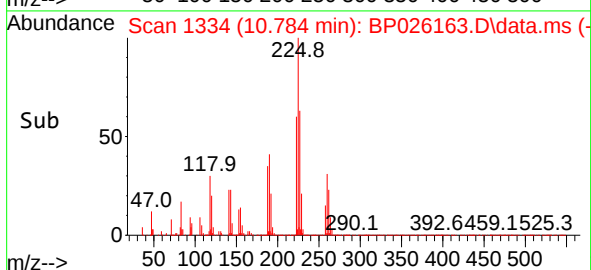
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

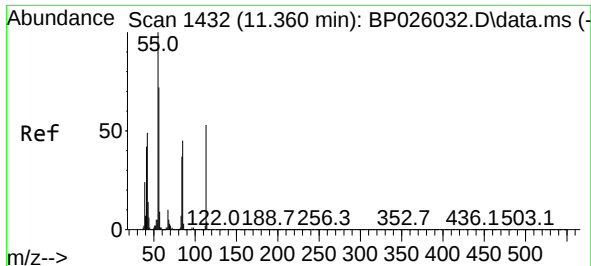


#34
Hexachlorobutadiene
Concen: 7.641 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15



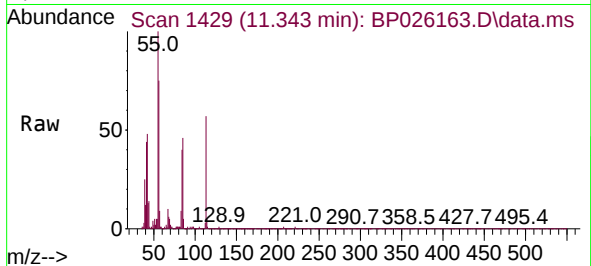
Tgt Ion:225 Resp: 65192
Ion Ratio Lower Upper
225 100
223 60.4 49.6 74.4
227 63.2 51.2 76.8





#35
Caprolactam
Concen: 6.844 ng
RT: 11.343 min Scan# 1429
Delta R.T. -0.035 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

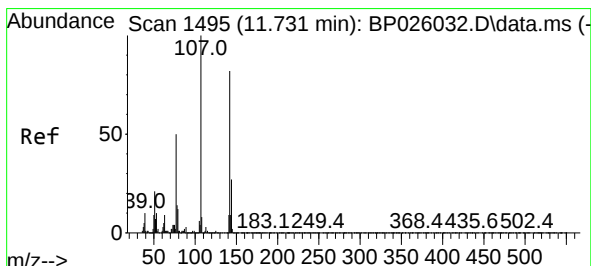
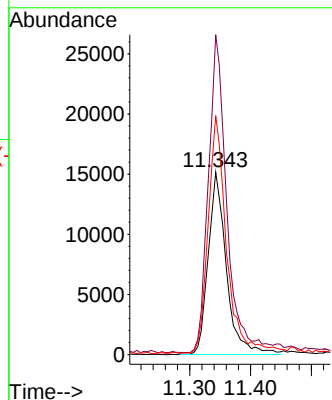
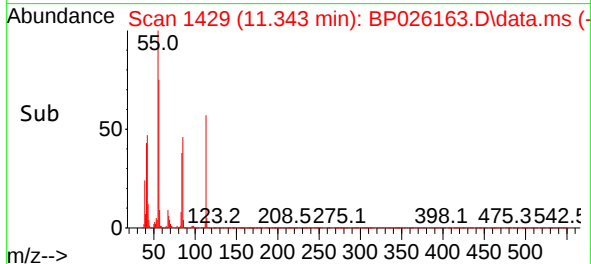
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



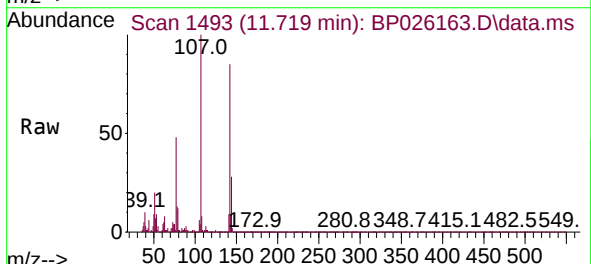
Tgt Ion:113 Resp: 31572
Ion Ratio Lower Upper
113 100
55 175.4 153.0 193.0
56 131.0 106.4 146.4

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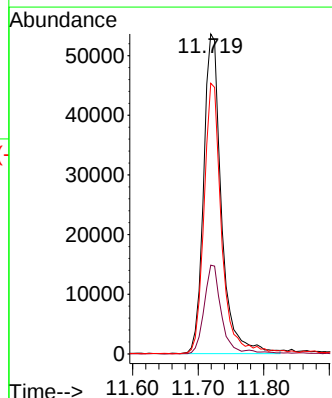
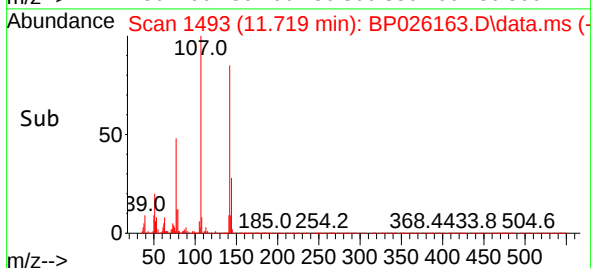
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#36
4-Chloro-3-methylphenol
Concen: 7.363 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15



Tgt Ion:107 Resp: 100820
Ion Ratio Lower Upper
107 100
144 27.7 21.6 32.4
142 84.6 65.6 98.4





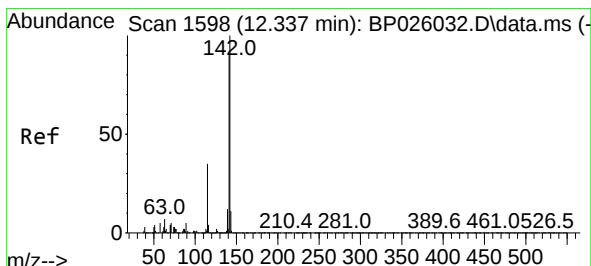
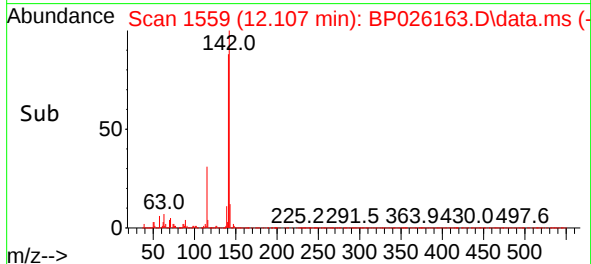
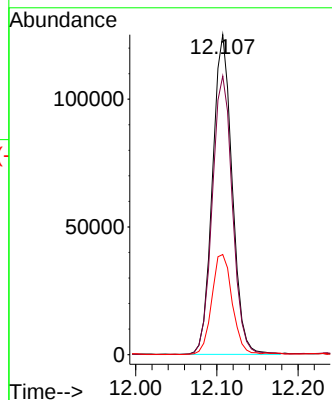
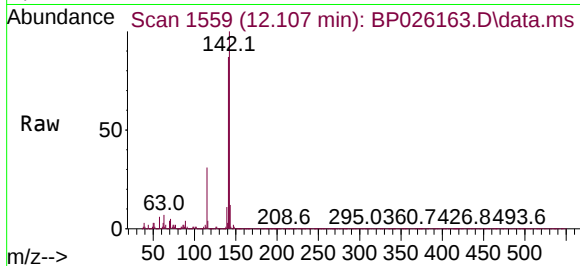
#37
2-Methylnaphthalene
Concen: 6.933 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:142 Resp: 210719
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6
115 31.3 26.6 39.8

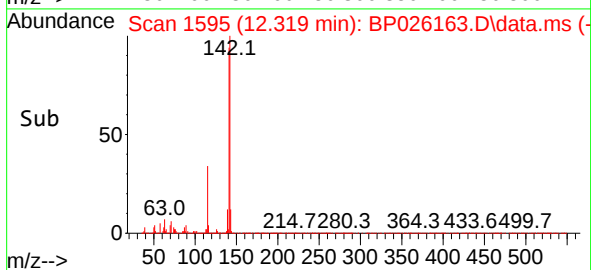
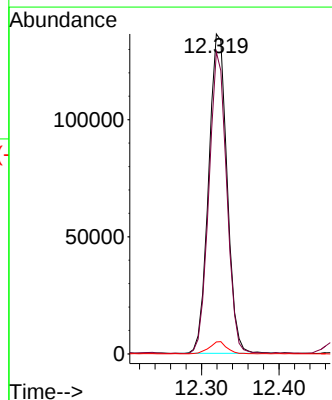
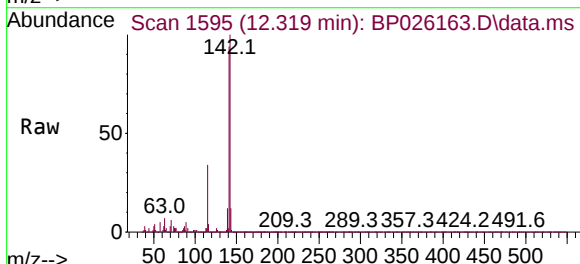
Manual Integrations
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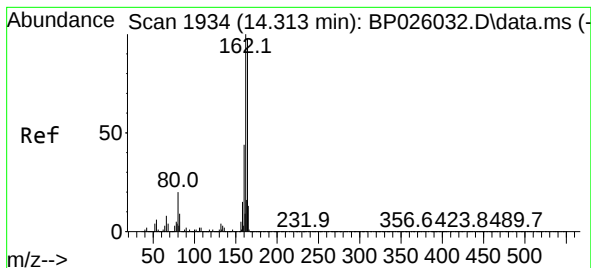
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#38
1-Methylnaphthalene
Concen: 7.586 ng
RT: 12.319 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:142 Resp: 225368
Ion Ratio Lower Upper
142 100
141 94.3 73.5 110.3
116 3.7 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: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

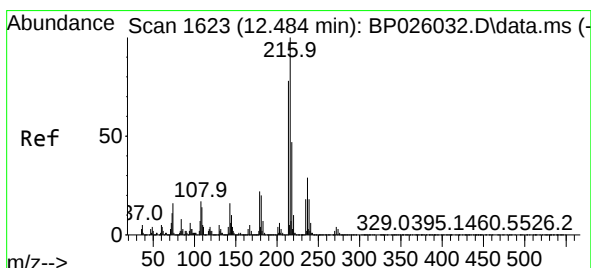
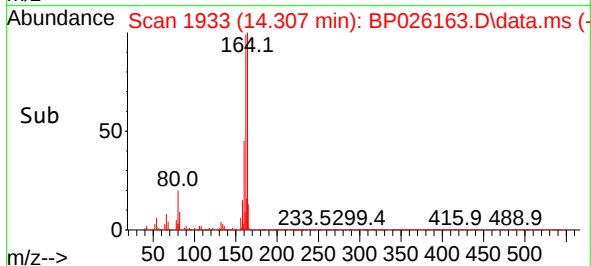
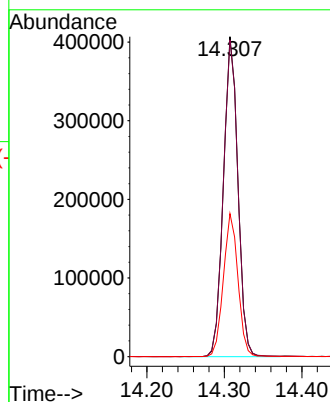
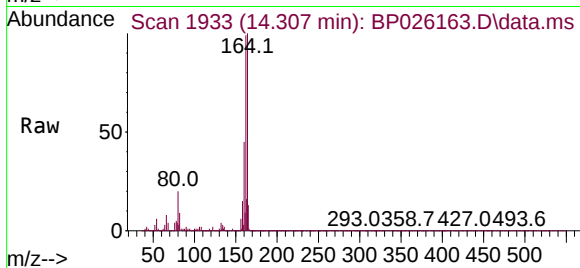
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:164 Resp: 527472
 Ion Ratio Lower Upper
 164 100
 162 99.0 80.3 120.5
 160 44.7 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: 7.754 ng

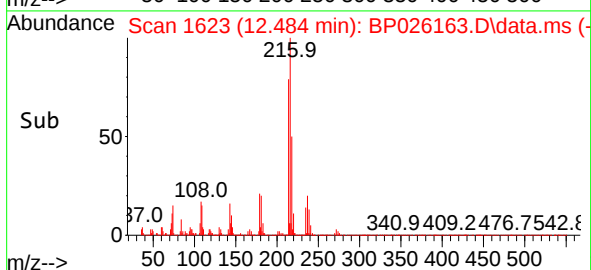
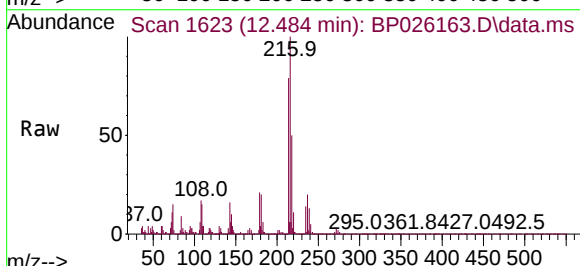
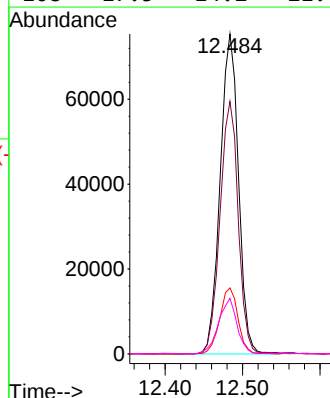
RT: 12.484 min Scan# 1623

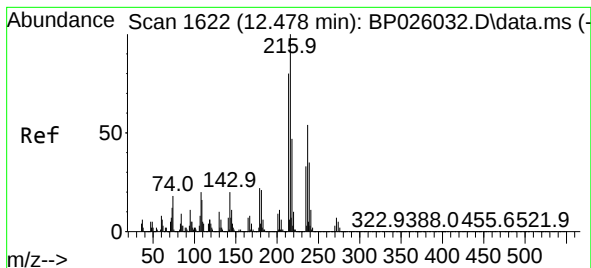
Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

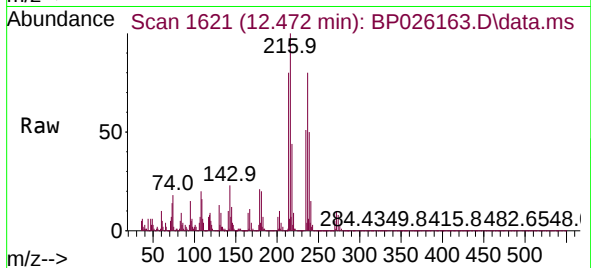
Tgt Ion:216 Resp: 123679
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.6 94.0
 179 20.6 16.6 25.0
 108 17.5 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 5.602 ng
RT: 12.472 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

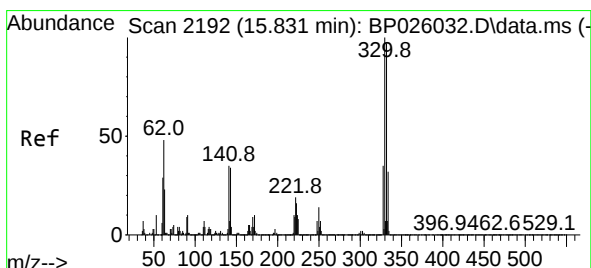
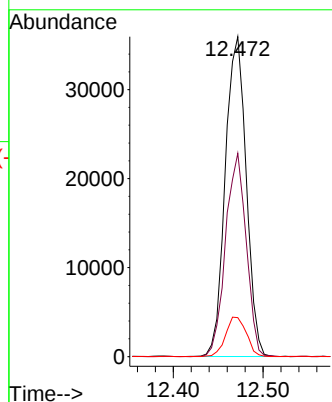
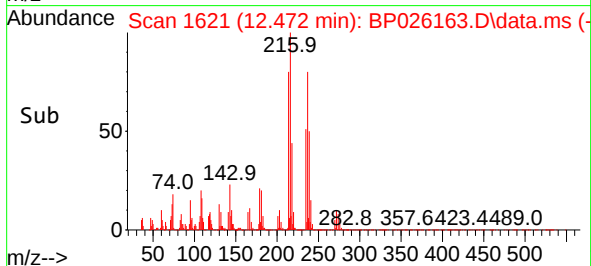
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 237 Resp: 58479
Ion Ratio Lower Upper
237 100
235 63.5 43.3 83.3
272 12.2 0.0 32.9

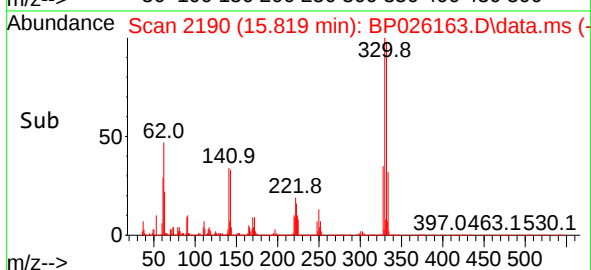
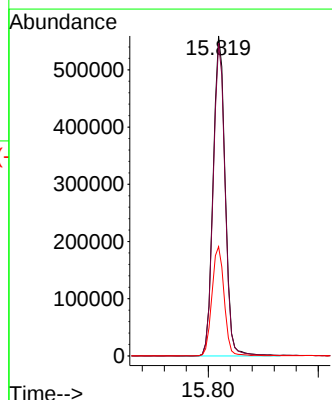
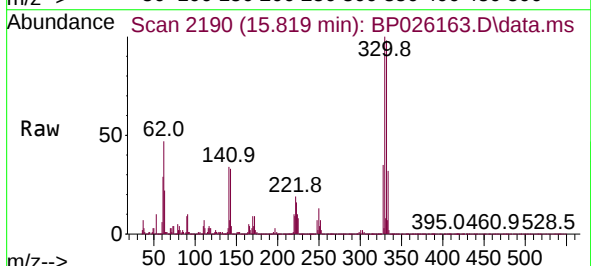
Manual Integrations
APPROVED

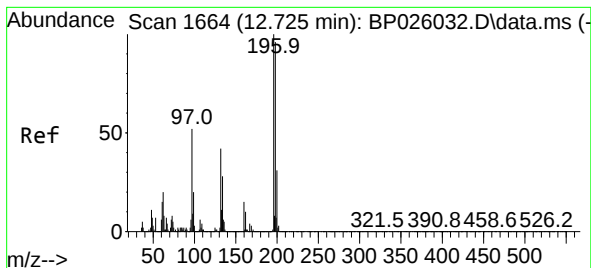
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#42
2,4,6-Tribromophenol
Concen: 124.053 ng
RT: 15.819 min Scan# 2190
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 330 Resp: 848855
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 34.8 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 6.893 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026163.D

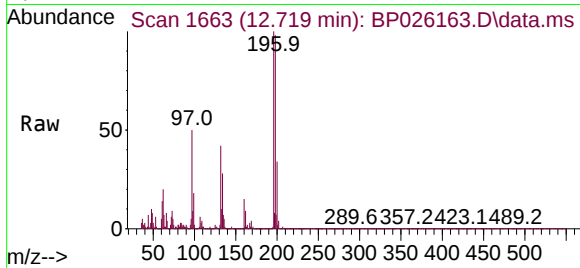
Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:196 Resp: 75369

Ion Ratio Lower Upper

196 100

198 97.9 76.9 115.3

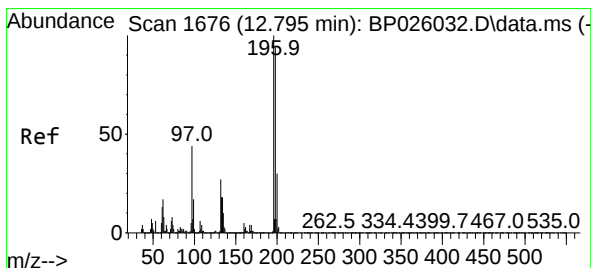
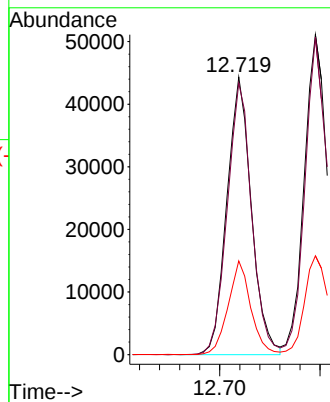
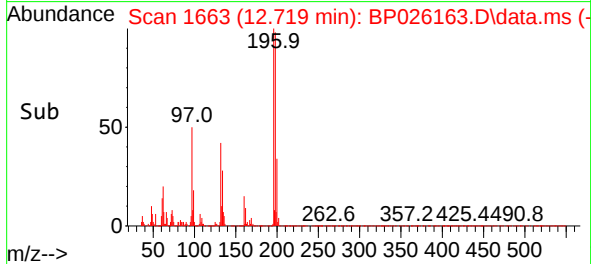
200 33.7 24.6 37.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/20/2025

Supervised By :Sohil Jodhani 11/20/2025



#44

2,4,5-Trichlorophenol

Concen: 6.943 ng

RT: 12.795 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Tgt Ion:196 Resp: 84737

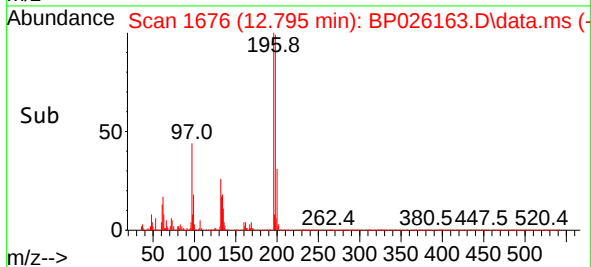
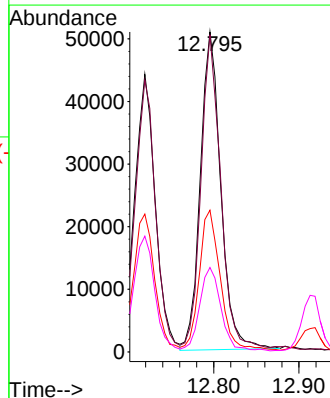
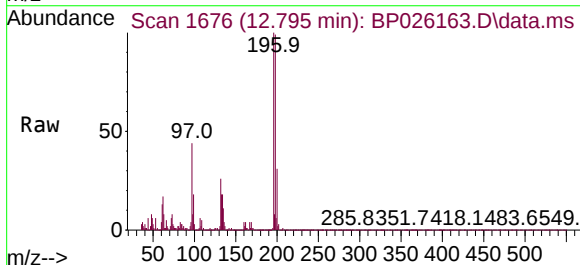
Ion Ratio Lower Upper

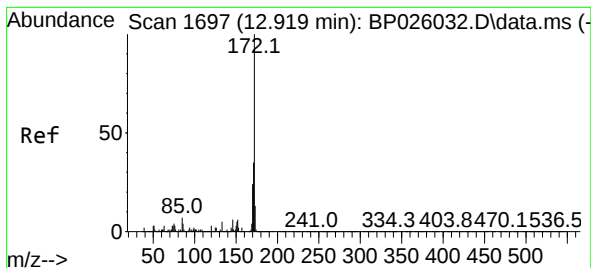
196 100

198 99.1 76.4 114.6

97 44.3 35.7 53.5

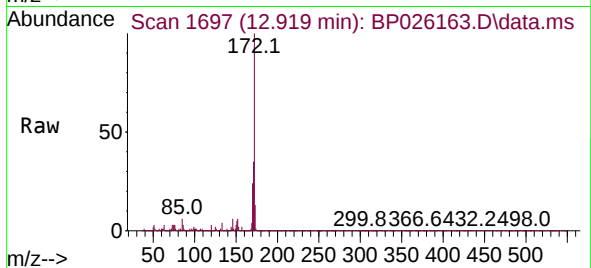
132 26.4 20.8 31.2





#45
2-Fluorobiphenyl
Concen: 87.947 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

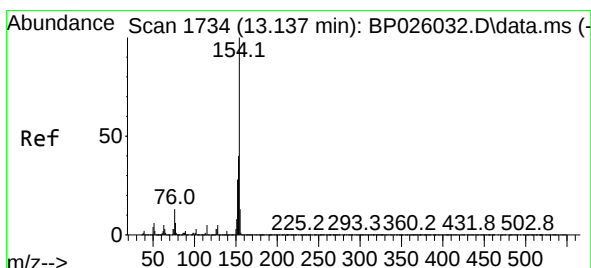
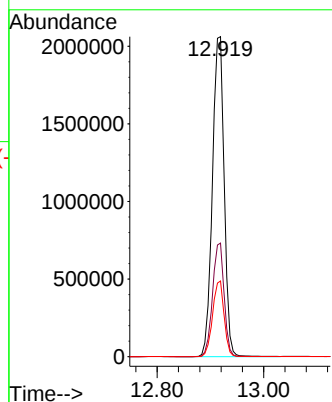
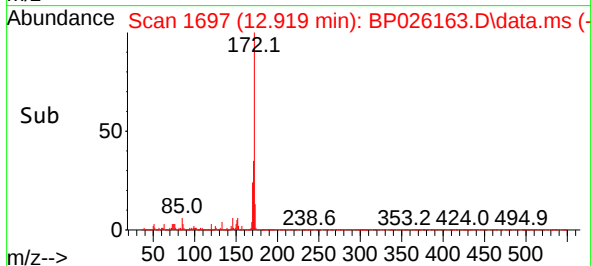
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



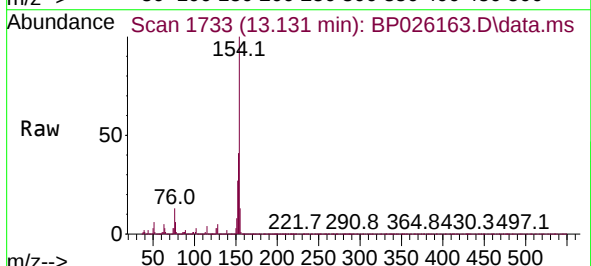
Tgt Ion:172 Resp: 3165273
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.6 18.7 28.1

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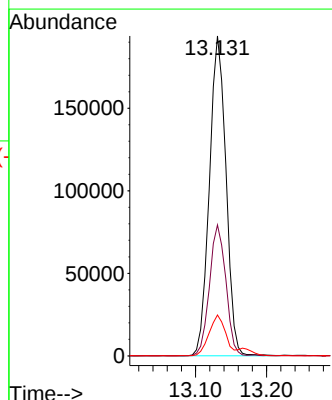
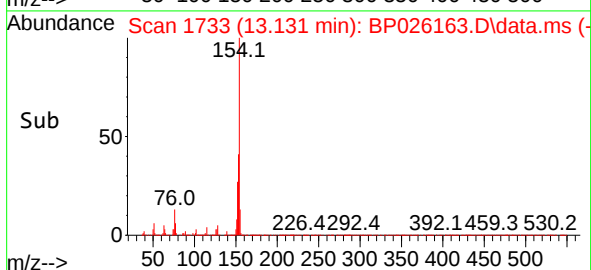
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

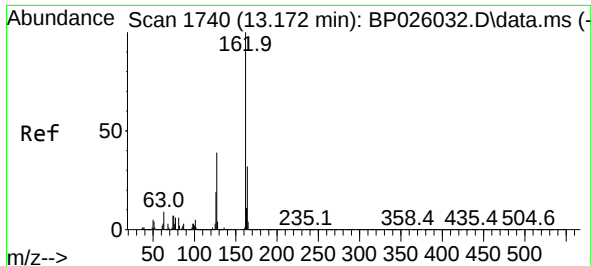


#46
1,1'-Biphenyl
Concen: 7.932 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15



Tgt Ion:154 Resp: 315052
Ion Ratio Lower Upper
154 100
153 40.9 20.3 60.3
76 12.8 0.0 32.3





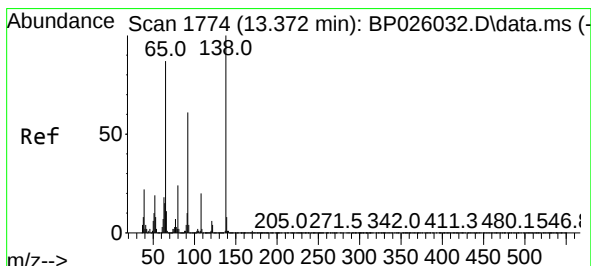
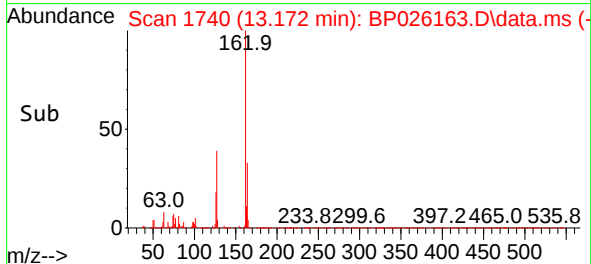
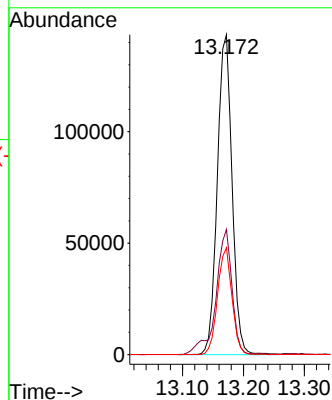
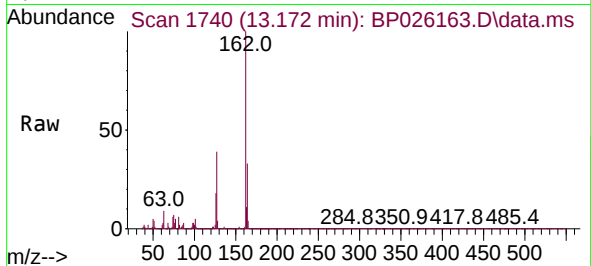
#47
2-Chloronaphthalene
Concen: 7.745 ng
RT: 13.172 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:162 Resp: 241910
Ion Ratio Lower Upper
162 100
127 39.1 30.9 46.3
164 33.4 26.4 39.6

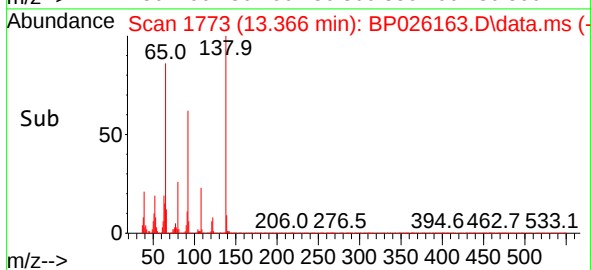
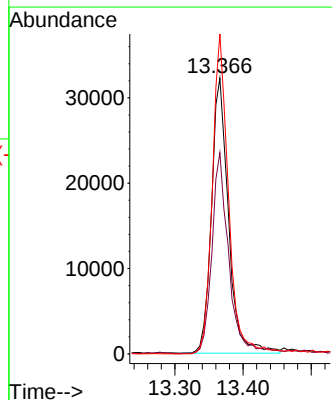
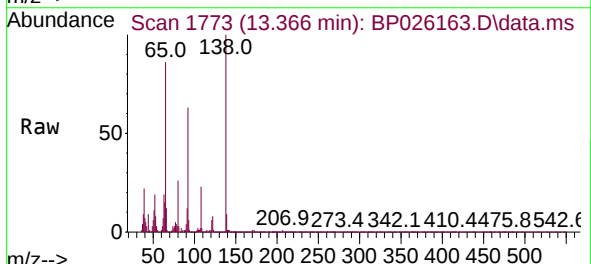
Manual Integrations
APPROVED

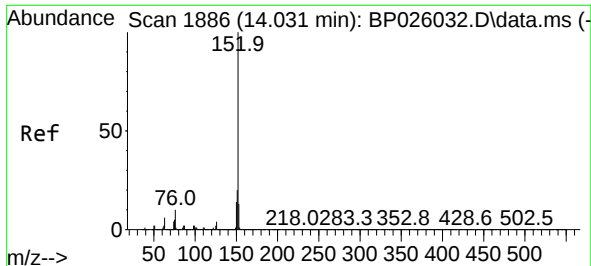
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#48
2-Nitroaniline
Concen: 6.394 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 65 Resp: 55535
Ion Ratio Lower Upper
65 100
92 73.0 59.1 88.7
138 116.0 96.6 145.0





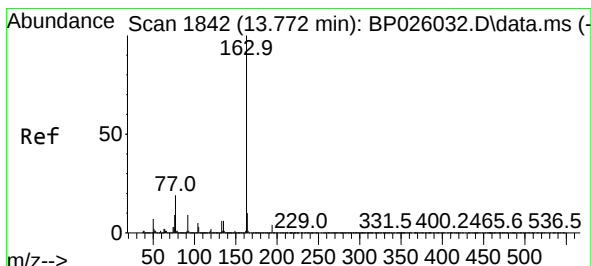
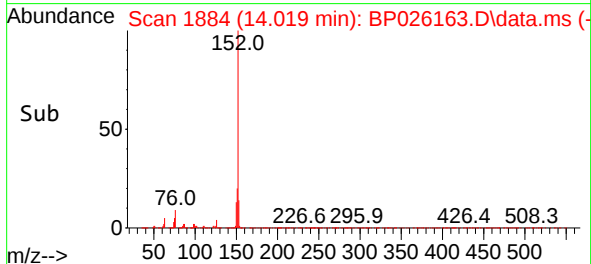
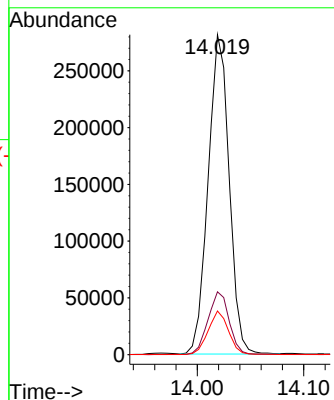
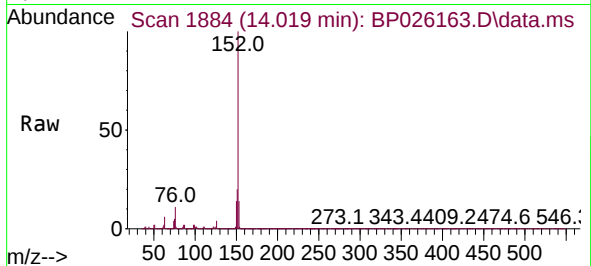
#49
Acenaphthylene
Concen: 7.496 ng
RT: 14.019 min Scan# 1884
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:152 Resp: 386194
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.6 10.6 16.0

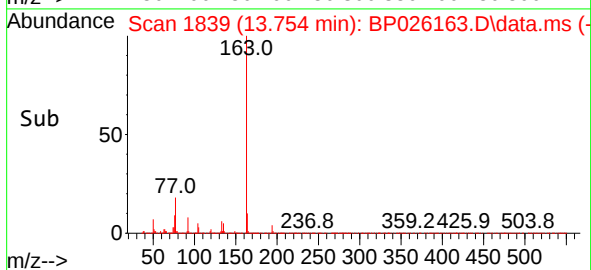
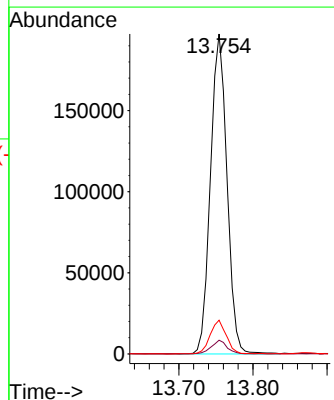
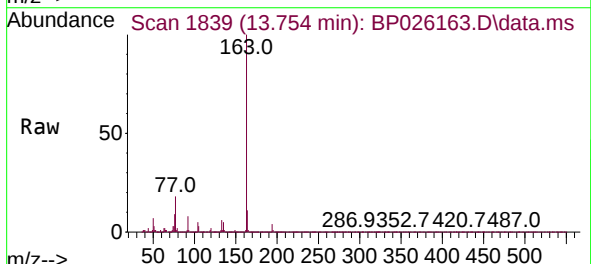
Manual Integrations
APPROVED

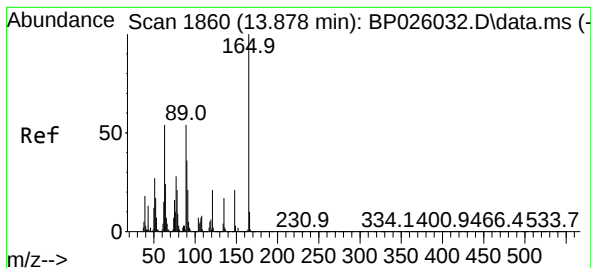
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#50
Dimethylphthalate
Concen: 7.750 ng
RT: 13.754 min Scan# 1839
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:163 Resp: 305345
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.2 12.2





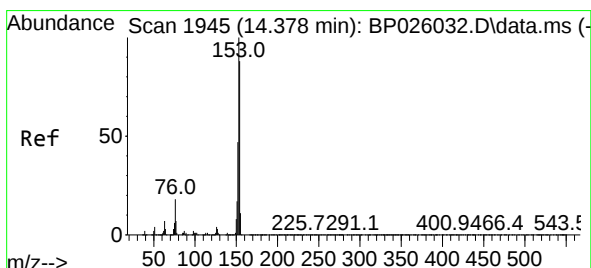
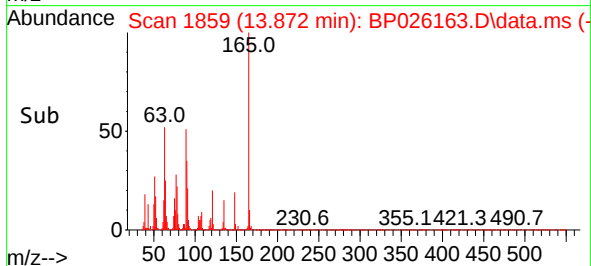
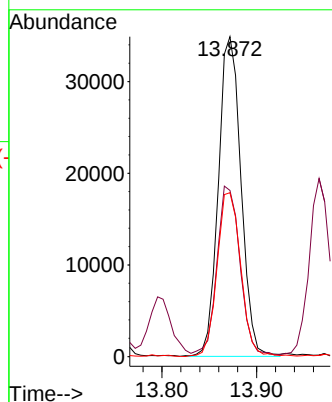
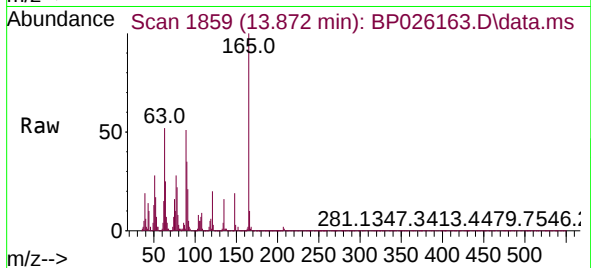
#51
2,6-Dinitrotoluene
Concen: 7.407 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:165 Resp: 57824
Ion Ratio Lower Upper
165 100
63 51.9 40.5 60.7
89 51.2 41.3 61.9

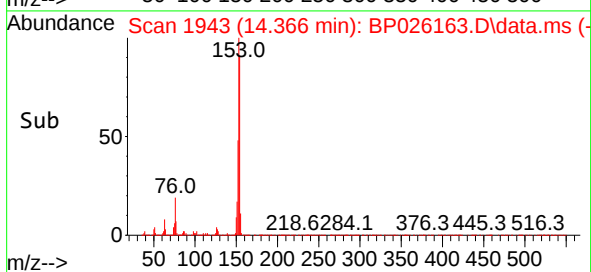
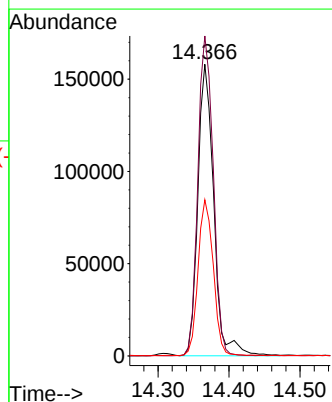
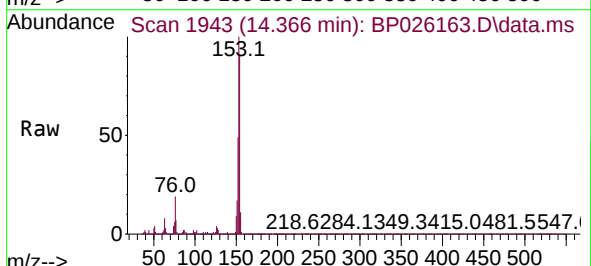
Manual Integrations
APPROVED

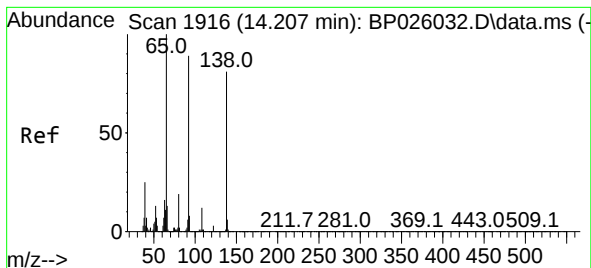
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#52
Acenaphthene
Concen: 8.119 ng
RT: 14.366 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

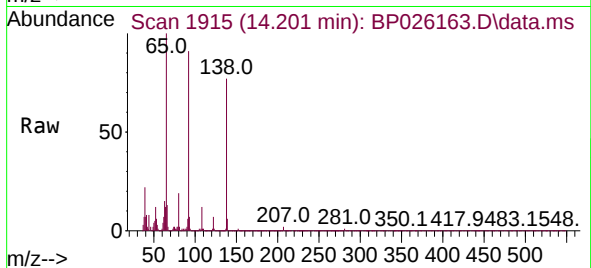
Tgt Ion:154 Resp: 245115
Ion Ratio Lower Upper
154 100
153 109.7 90.7 136.1
152 53.5 42.8 64.2





#53
3-Nitroaniline
Concen: 6.791 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

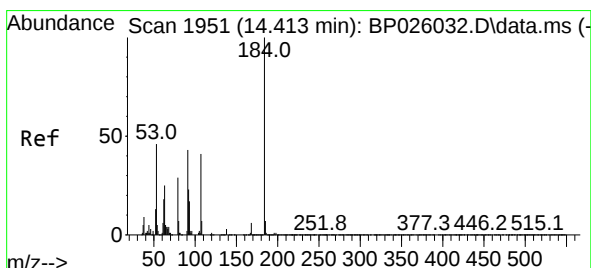
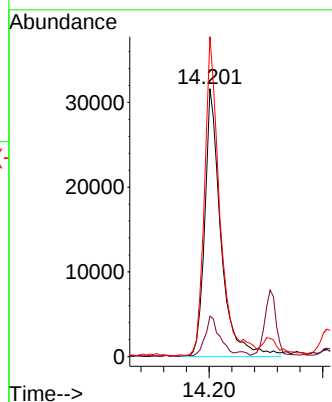
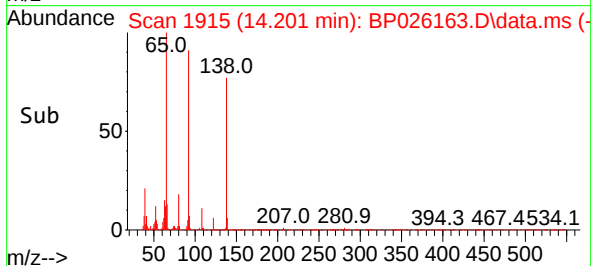
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:138 Resp: 62423
Ion Ratio Lower Upper
138 100
108 15.1 8.9 13.3
92 119.4 86.3 129.5

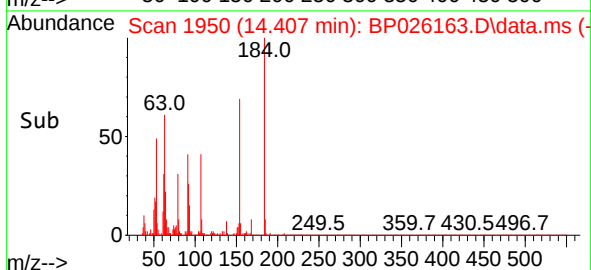
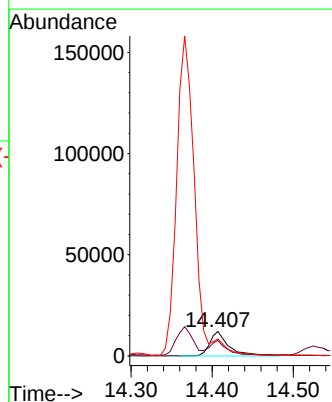
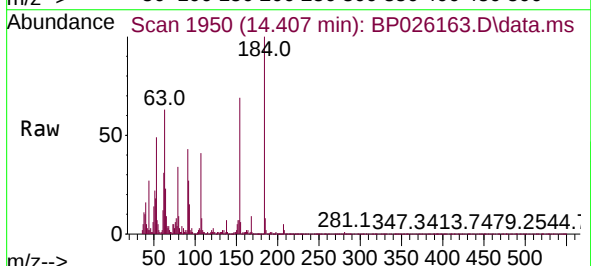
Manual Integrations
APPROVED

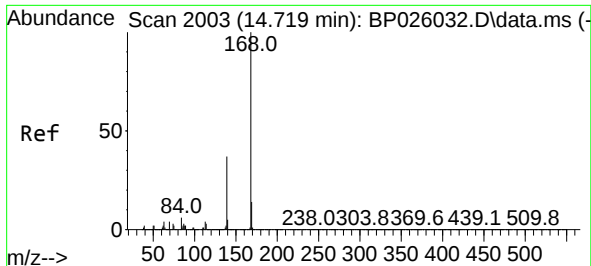
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#54
2,4-Dinitrophenol
Concen: 4.187 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.023 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

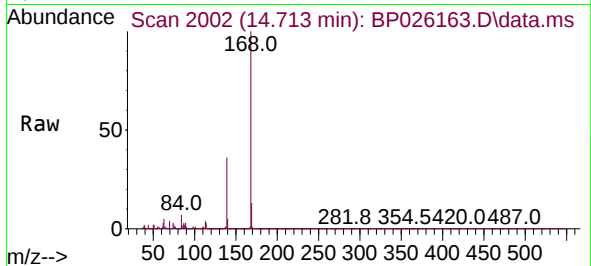
Tgt Ion:184 Resp: 19730
Ion Ratio Lower Upper
184 100
63 63.1 43.1 64.7
154 69.3 49.5 74.3





#55
Dibenzenofuran
Concen: 8.149 ng
RT: 14.713 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

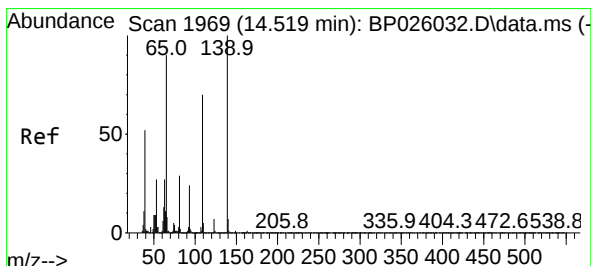
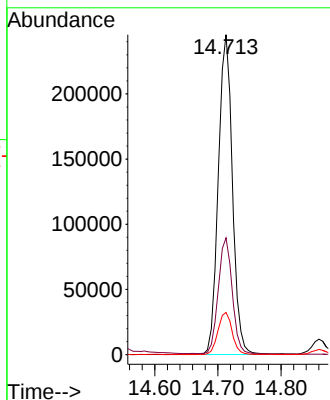
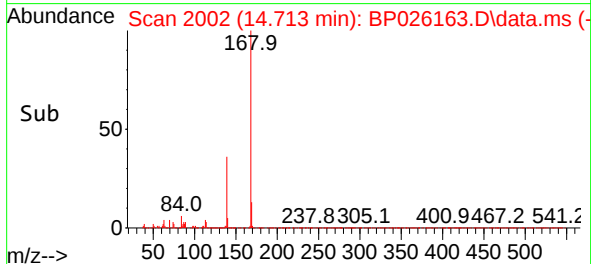
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



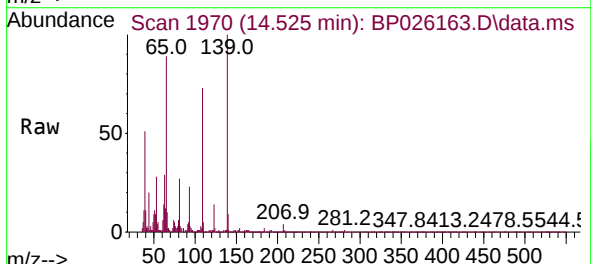
Tgt Ion:168 Resp: 381045
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.6
169 13.2 10.9 16.3

Manual Integrations
APPROVED

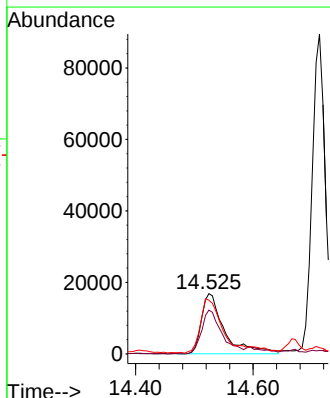
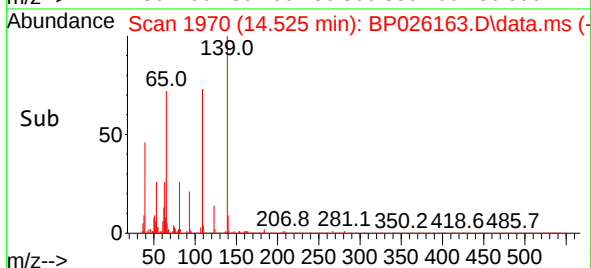
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

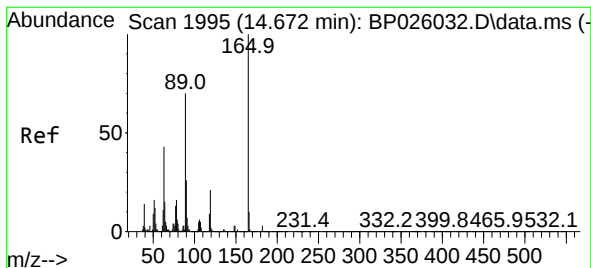


#56
4-Nitrophenol
Concen: 5.520 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15



Tgt Ion:139 Resp: 45902
Ion Ratio Lower Upper
139 100
109 72.6 46.8 86.8
65 89.3 69.3 109.3





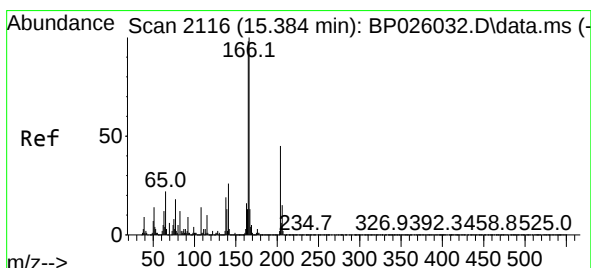
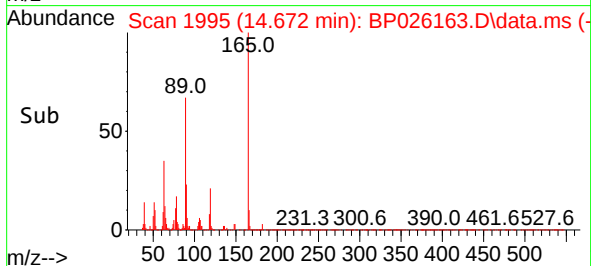
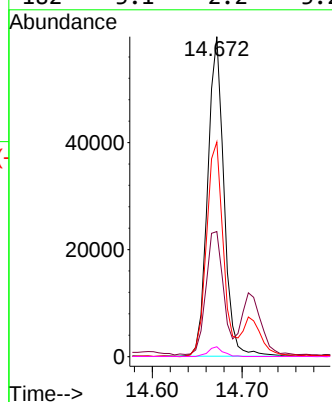
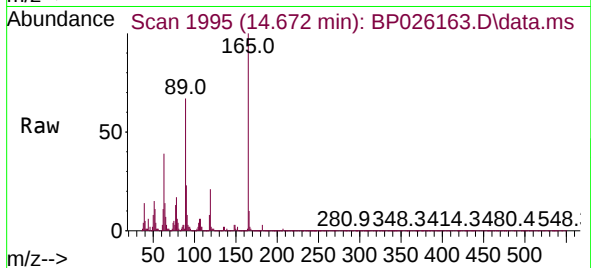
#57
2,4-Dinitrotoluene
Concen: 6.463 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:	165	Resp:	75330
Ion Ratio	Lower	Upper	
165	100		
63	39.1	31.0	46.6
89	67.1	51.7	77.5
182	3.1	2.2	3.2

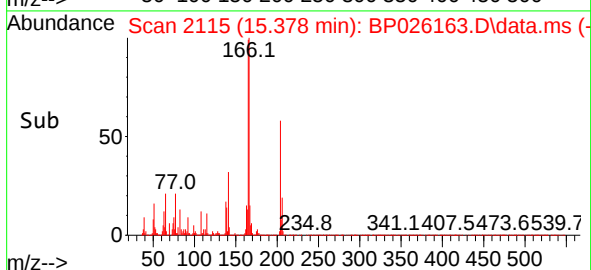
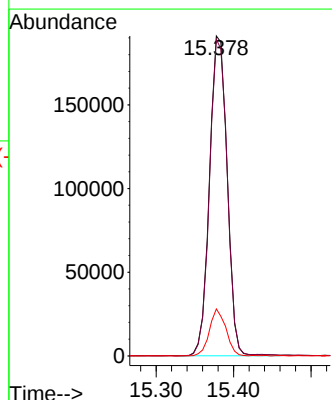
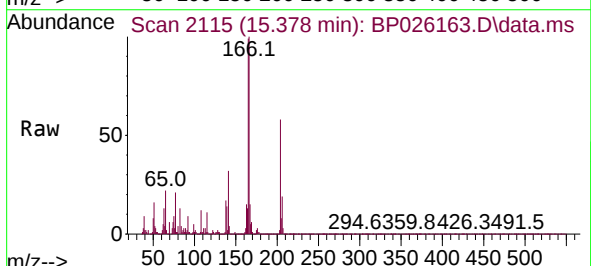
Manual Integrations
APPROVED

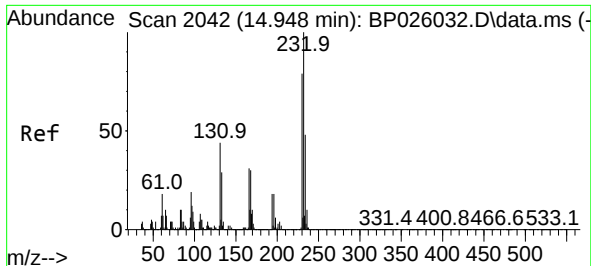
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#58
Fluorene
Concen: 8.194 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

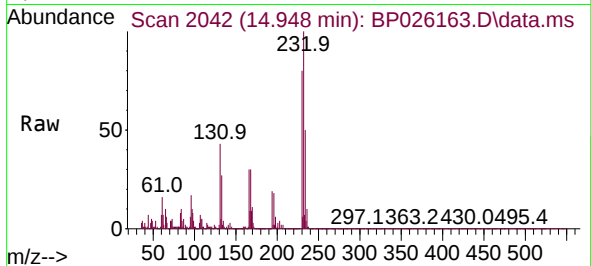
Tgt Ion:	166	Resp:	302868
Ion Ratio	Lower	Upper	
166	100		
165	98.9	77.9	116.9
167	14.7	11.0	16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.667 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

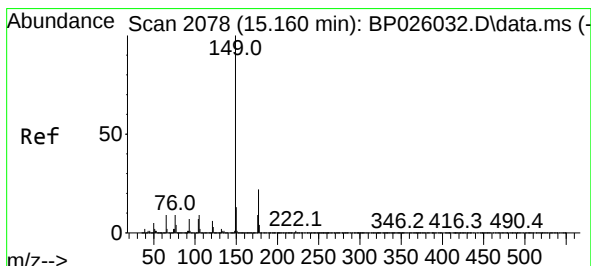
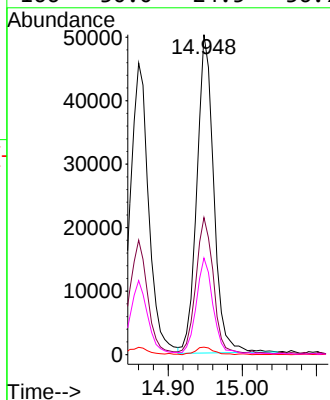
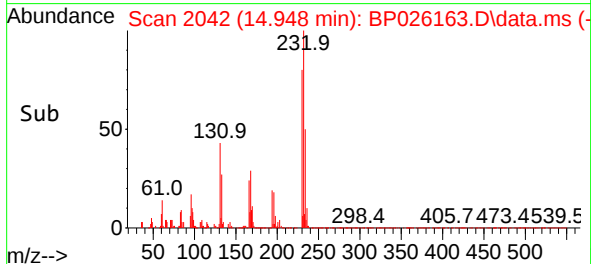
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:232 Resp: 79391
Ion Ratio Lower Upper
232 100
131 43.3 34.8 52.2
130 2.5 1.8 2.8
166 30.0 24.5 36.7

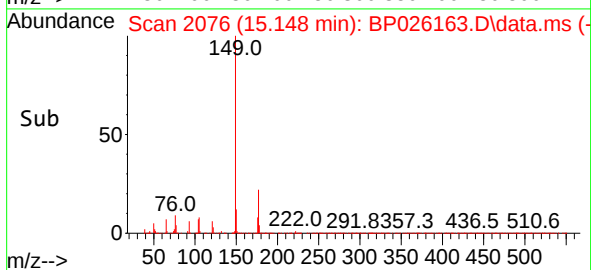
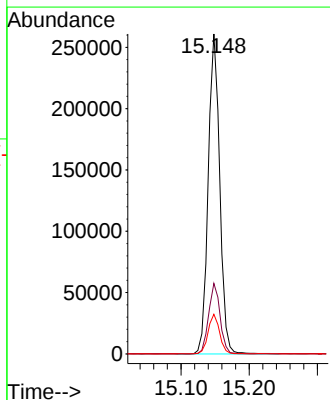
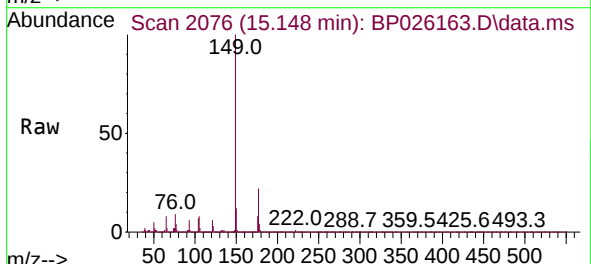
Manual Integrations
APPROVED

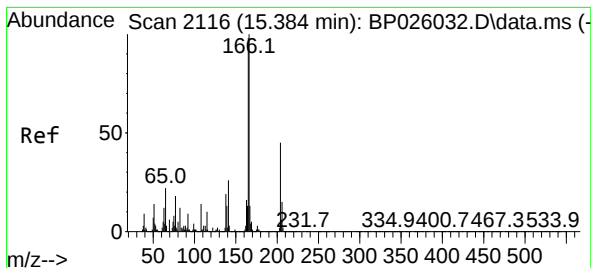
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#60
Diethylphthalate
Concen: 7.693 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.023 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:149 Resp: 305325
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.4 9.9 14.9





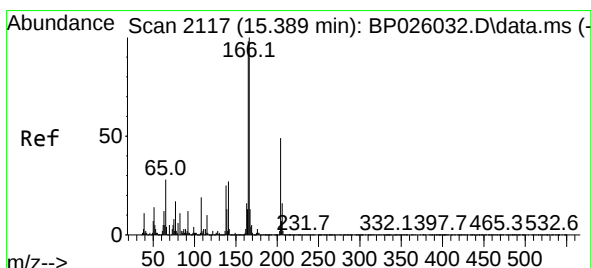
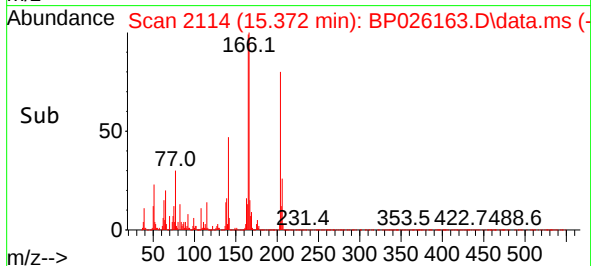
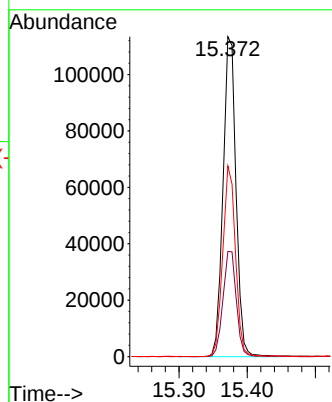
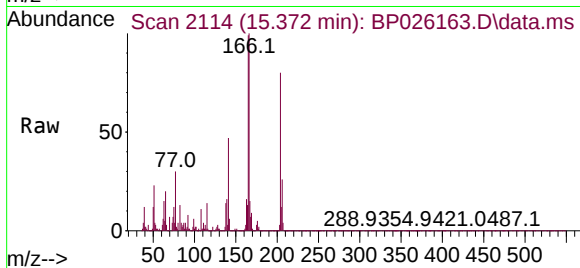
#61
4-Chlorophenyl-phenylether
Concen: 8.064 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion: 204 Resp: 148302
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 59.6 48.1 72.1

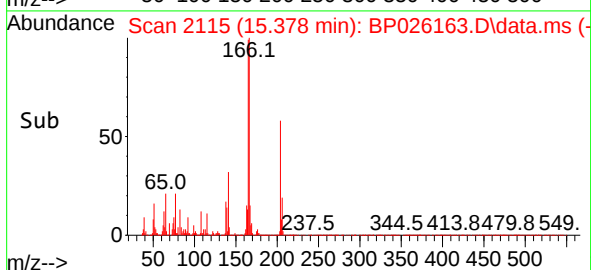
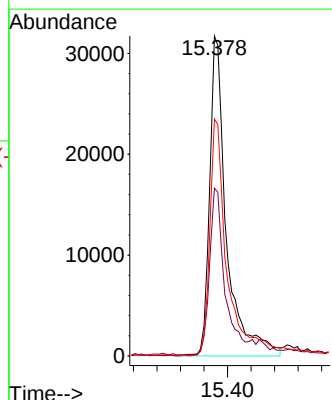
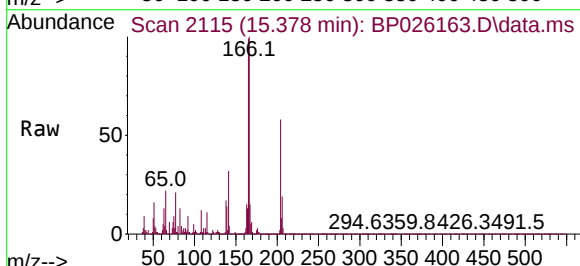
Manual Integrations
APPROVED

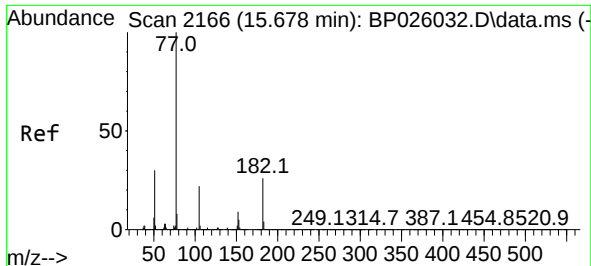
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#62
4-Nitroaniline
Concen: 6.623 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

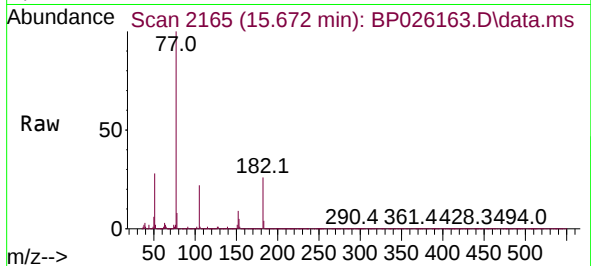
Tgt Ion: 138 Resp: 63213
Ion Ratio Lower Upper
138 100
92 52.4 27.5 67.5
108 74.0 51.1 91.1





#63
Azobenzene
Concen: 7.856 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

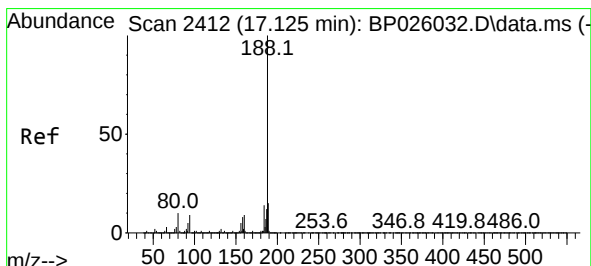
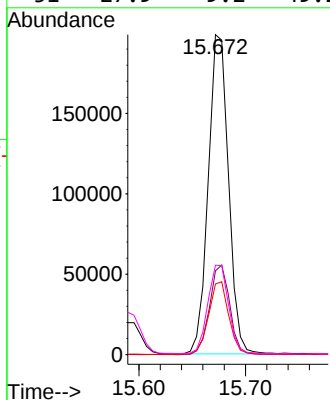
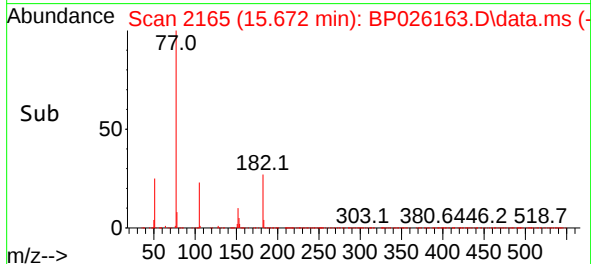
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



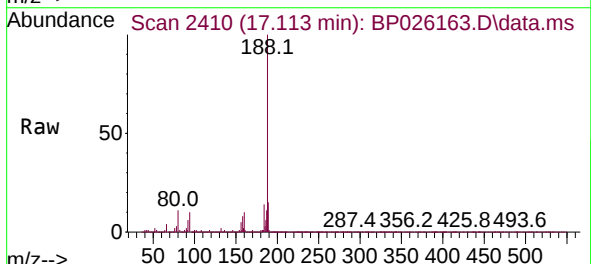
Tgt Ion: 77 Resp: 26288
Ion Ratio Lower Upper
77 100
182 26.2 8.8 48.8
105 22.1 2.6 42.6
51 27.9 9.2 49.2

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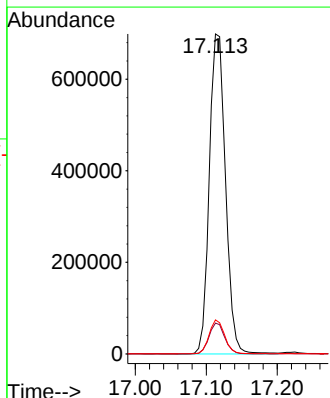
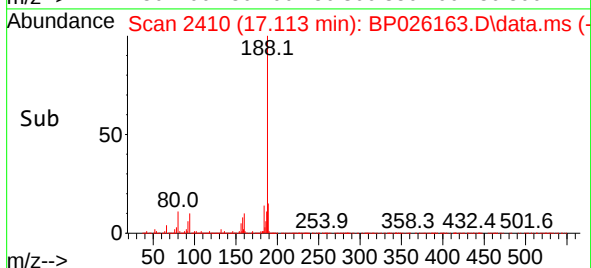
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

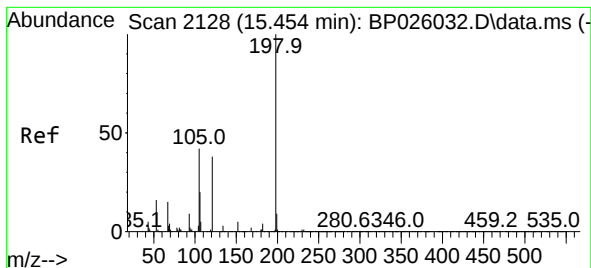


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15



Tgt Ion:188 Resp: 1104794
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.6 8.2 12.2





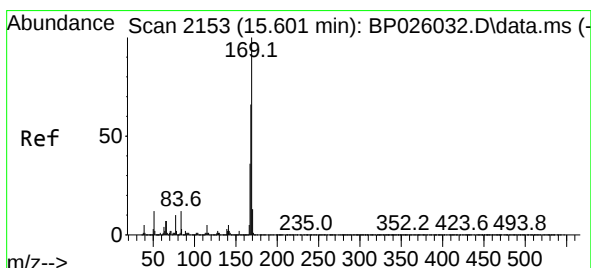
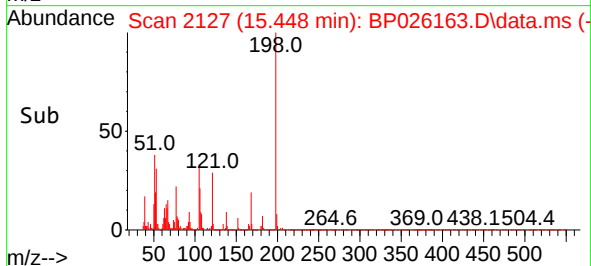
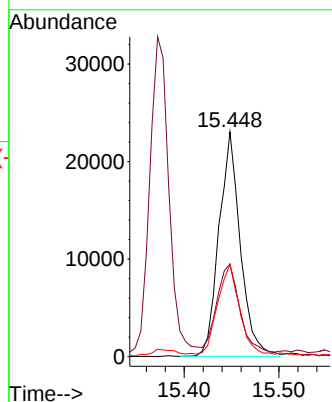
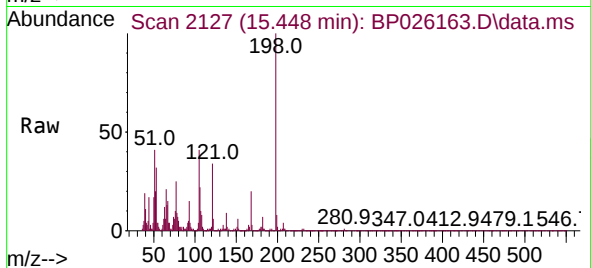
#65
4,6-Dinitro-2-methylphenol
Concen: 5.137 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:198 Resp: 36053
Ion Ratio Lower Upper
198 100
51 41.2 18.4 58.4
105 41.1 18.5 58.5

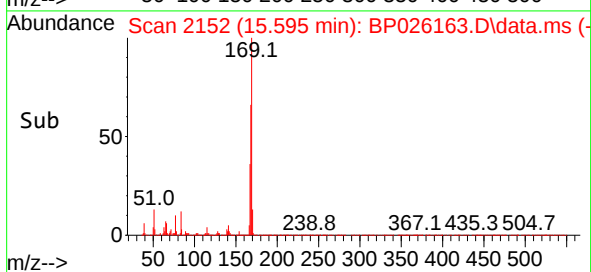
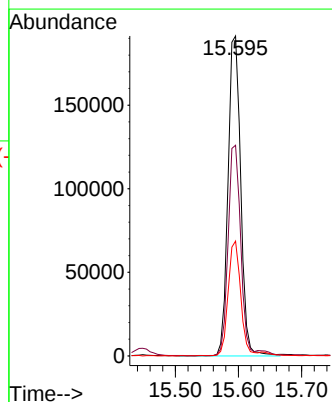
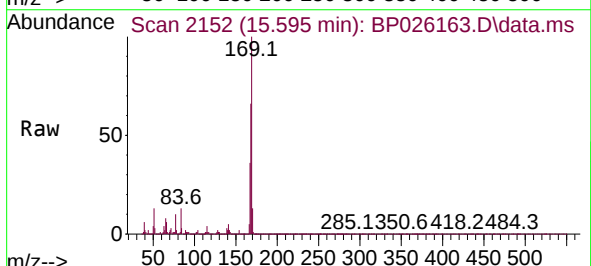
Manual Integrations
APPROVED

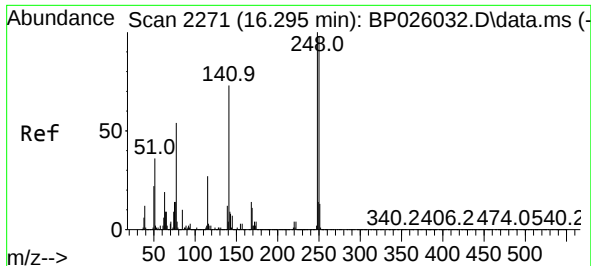
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#66
n-Nitrosodiphenylamine
Concen: 7.808 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:169 Resp: 266838
Ion Ratio Lower Upper
169 100
168 65.8 53.1 79.7
167 35.9 28.9 43.3





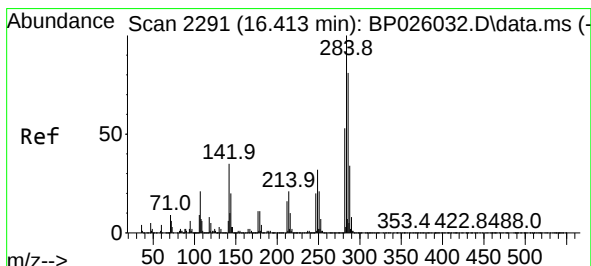
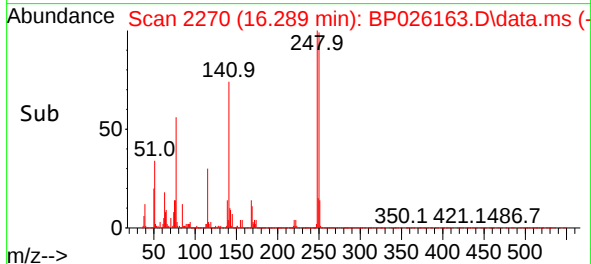
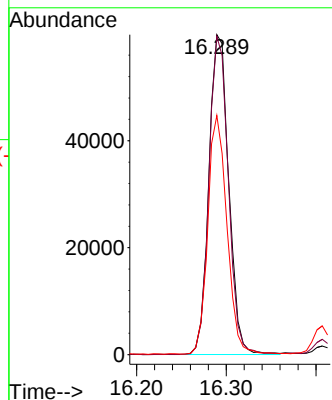
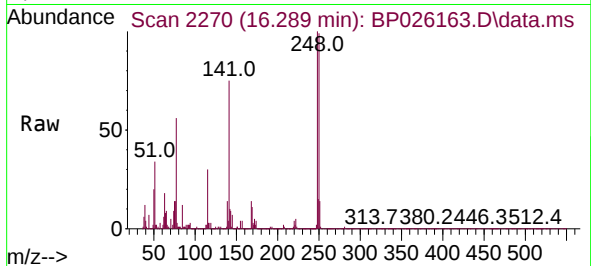
#67
4-Bromophenyl-phenylether
Concen: 7.505 ng
RT: 16.289 min Scan# 2271
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:248 Resp: 91826
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.6
141 74.7 55.4 83.0

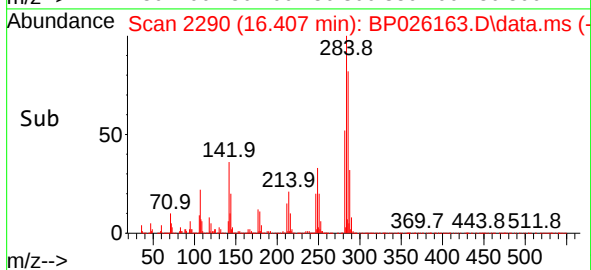
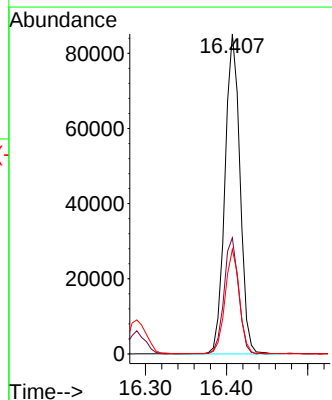
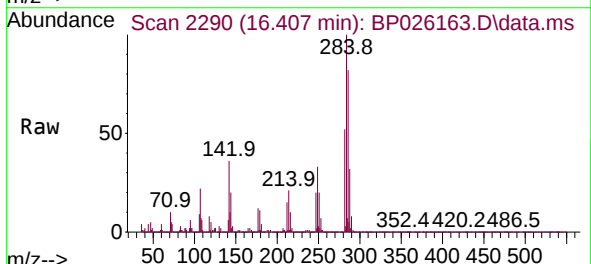
Manual Integrations
APPROVED

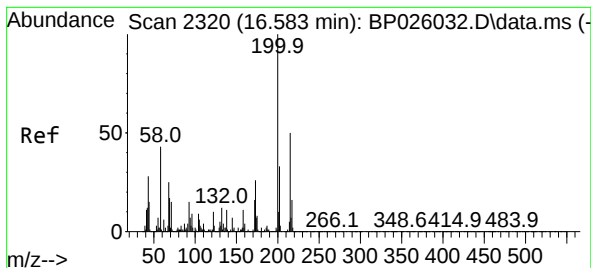
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#68
Hexachlorobenzene
Concen: 7.680 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:284 Resp: 109044
Ion Ratio Lower Upper
284 100
142 36.3 28.0 42.0
249 32.7 25.0 37.4





#69

Atrazine

Concen: 7.449 ng

RT: 16.572 min Scan# 2318

Delta R.T. -0.018 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

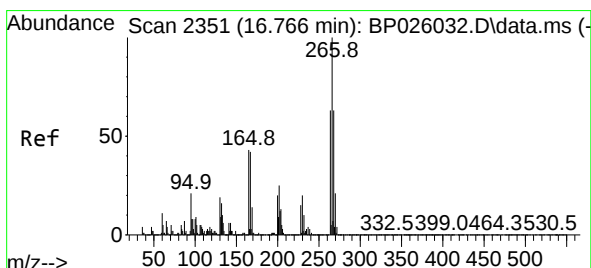
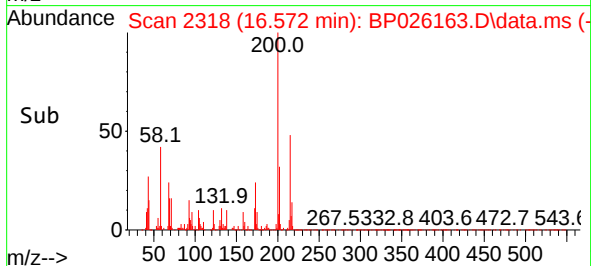
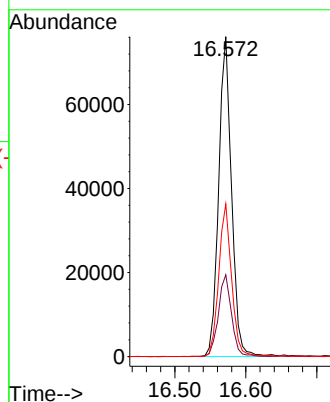
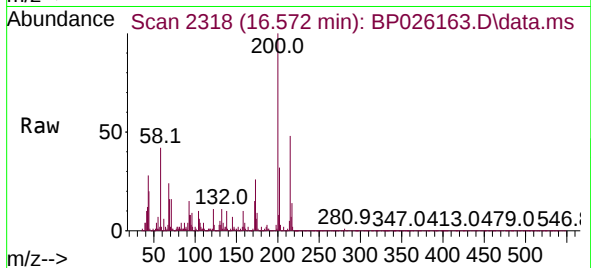
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	200	Resp:	95998
Ion Ratio	Lower	Upper	
200	100		
173	25.6	6.7	46.7
215	47.7	27.4	67.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 6.219 ng

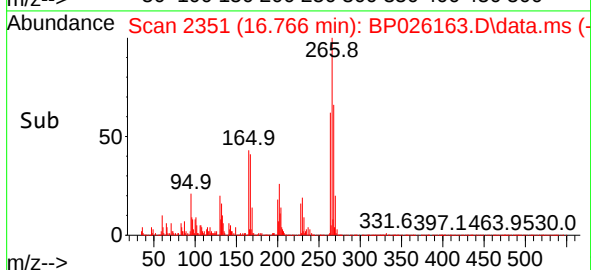
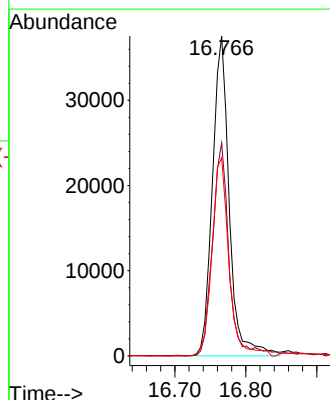
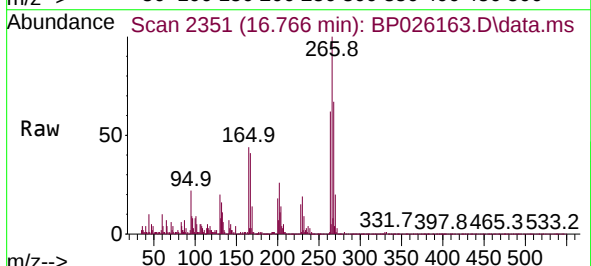
RT: 16.766 min Scan# 2351

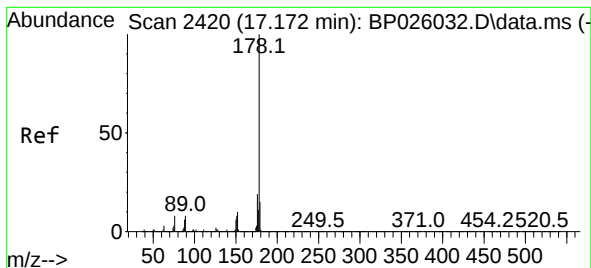
Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Tgt Ion:	266	Resp:	61763
Ion Ratio	Lower	Upper	
266	100		
268	66.5	51.0	76.4
264	61.9	50.2	75.2





#71

Phenanthrene

Concen: 8.180 ng

RT: 17.160 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:178 Resp: 509078

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

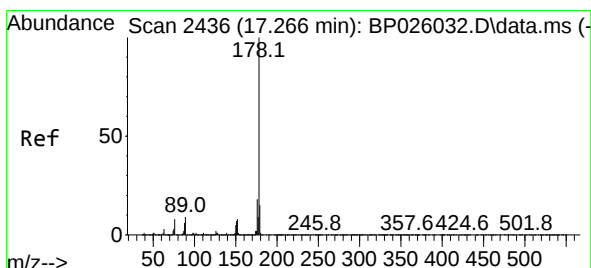
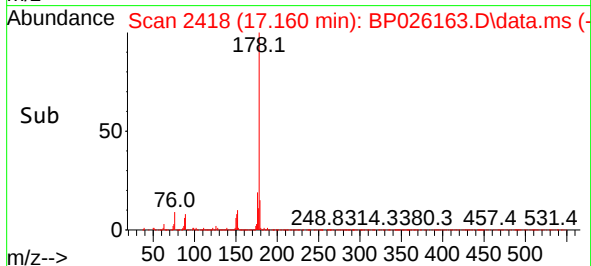
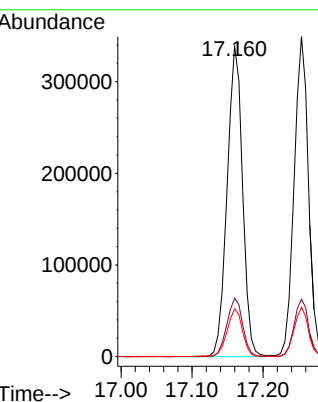
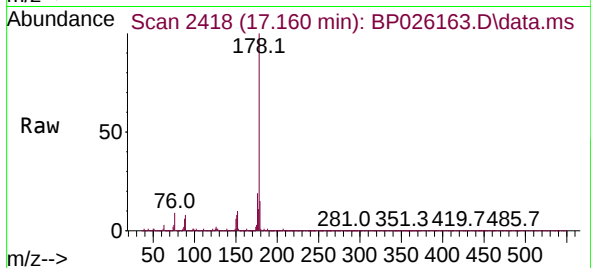
179 15.3 12.4 18.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/20/2025

Supervised By :Sohil Jodhani 11/20/2025



#72

Anthracene

Concen: 7.880 ng

RT: 17.254 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

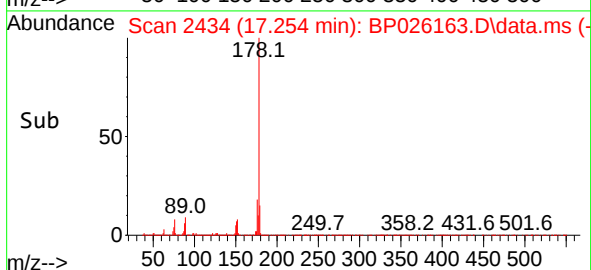
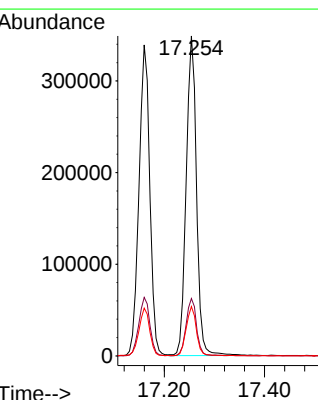
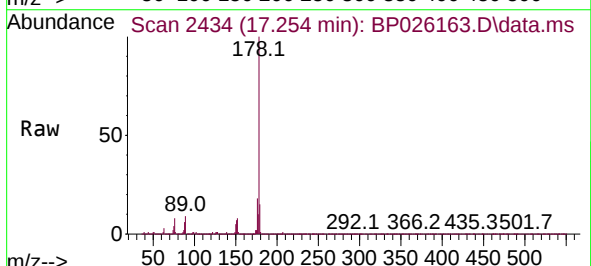
Tgt Ion:178 Resp: 500185

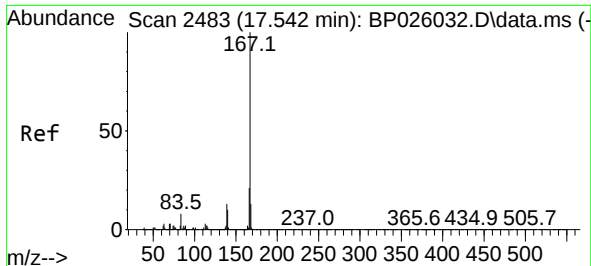
Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

179 15.4 12.2 18.4





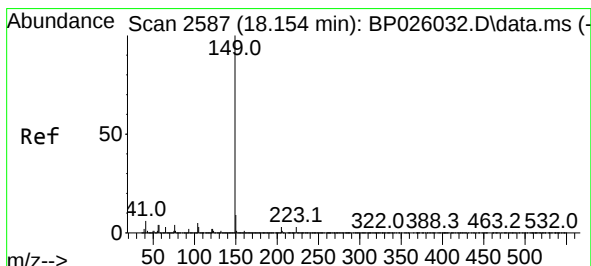
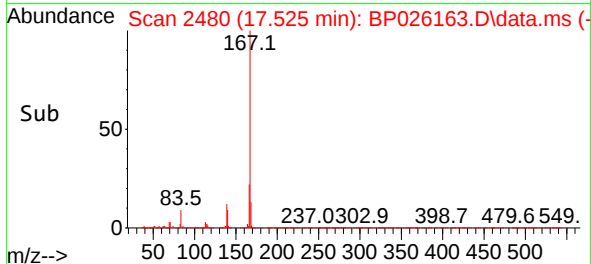
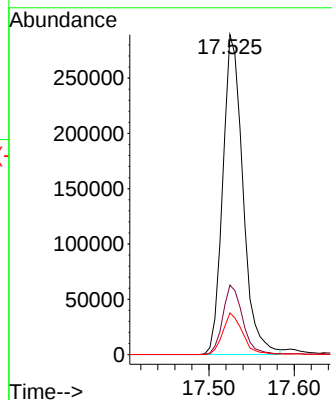
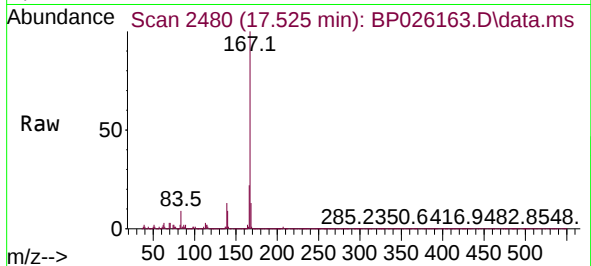
#73
Carbazole
Concen: 7.874 ng
RT: 17.525 min Scan# 2480
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:167 Resp: 474746
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 13.0 10.2 15.4

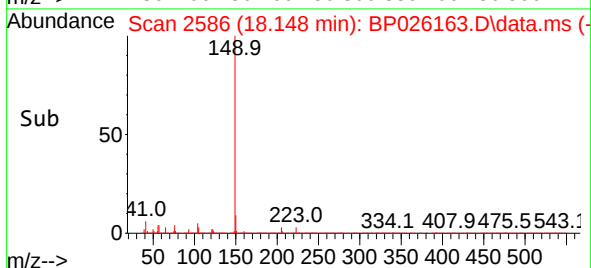
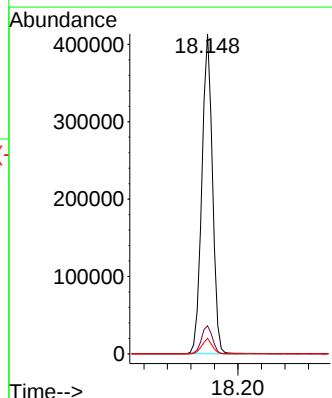
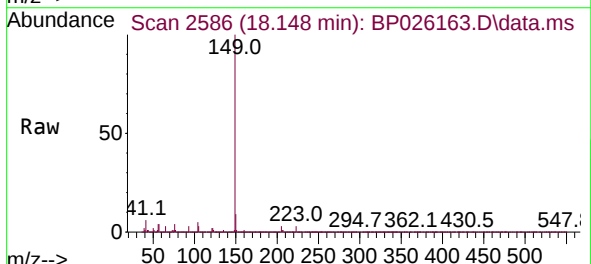
Manual Integrations
APPROVED

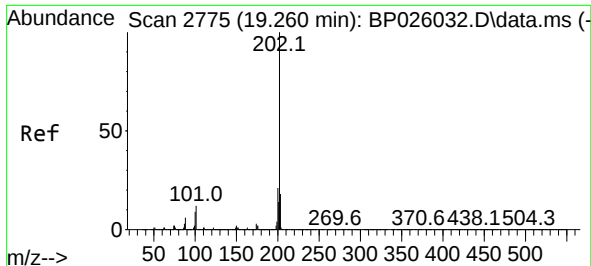
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#74
Di-n-butylphthalate
Concen: 7.246 ng
RT: 18.148 min Scan# 2586
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:149 Resp: 517902
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 4.9 3.6 5.4





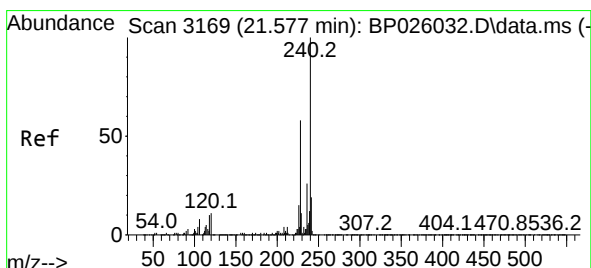
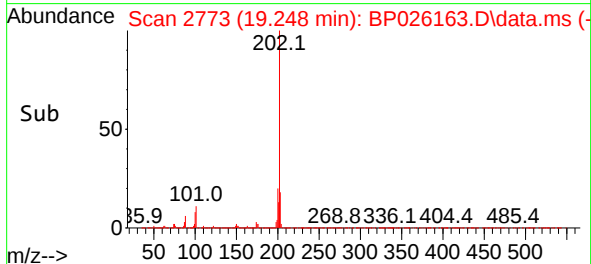
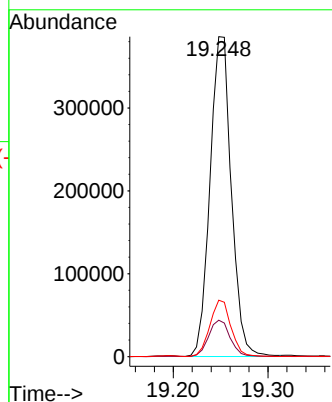
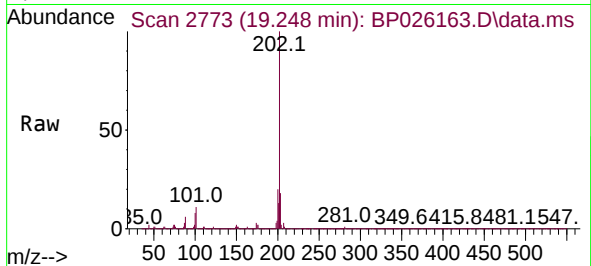
#75
Fluoranthene
Concen: 7.997 ng
RT: 19.248 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:202 Resp: 604694
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.2
203 17.6 0.0 37.7

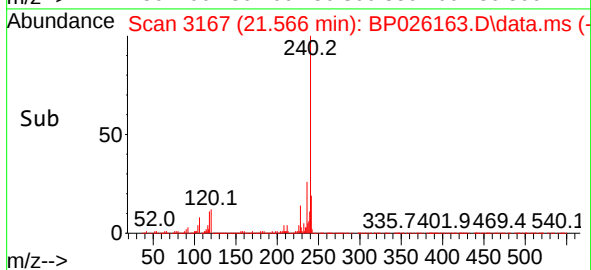
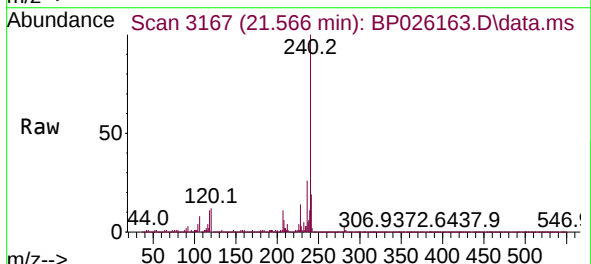
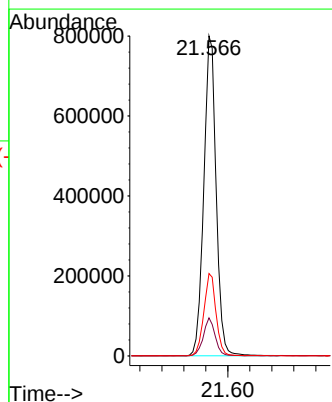
Manual Integrations
APPROVED

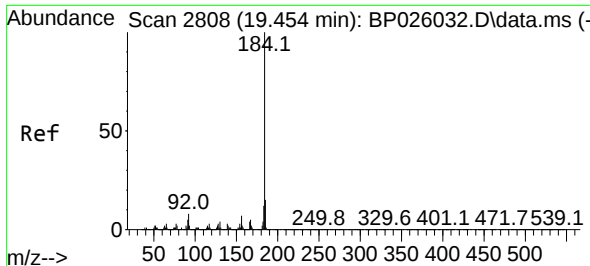
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

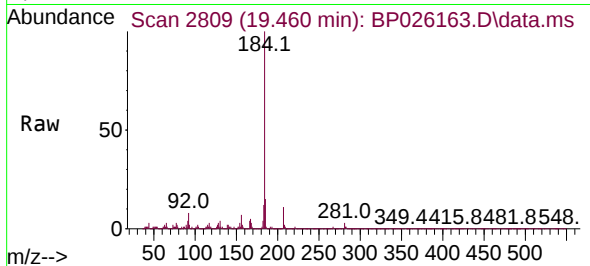
Tgt Ion:240 Resp: 1243805
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 25.7 20.4 30.6





#77
Benzidine
Concen: 6.006 ng
RT: 19.460 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

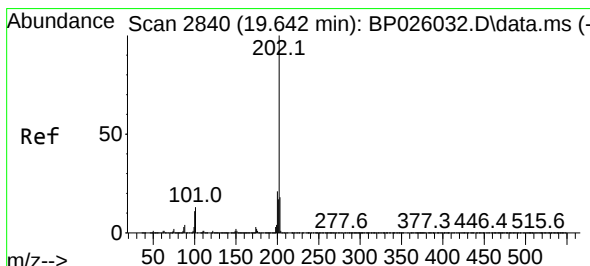
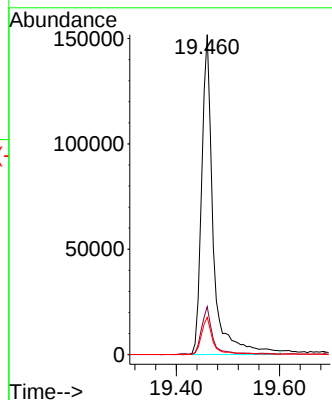
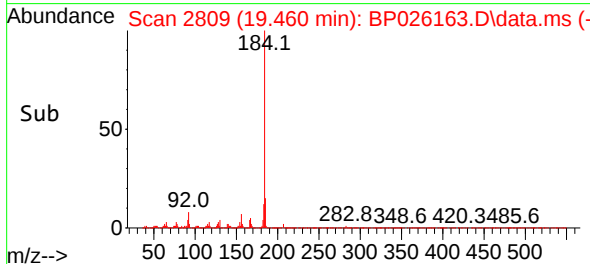
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:184 Resp: 237094
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 11.6 9.0 13.6

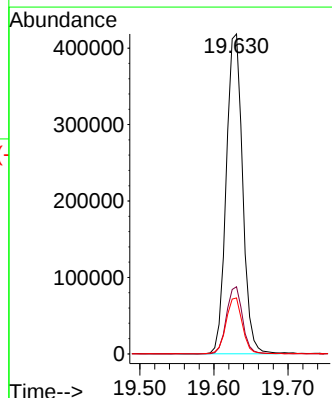
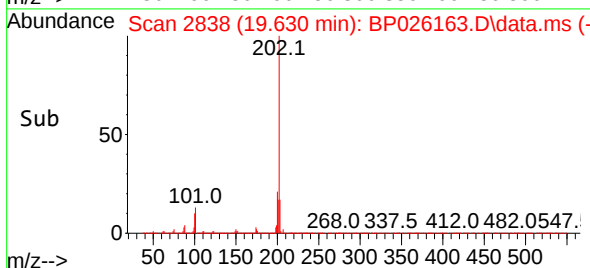
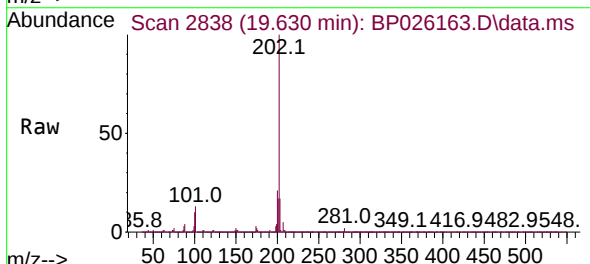
Manual Integrations
APPROVED

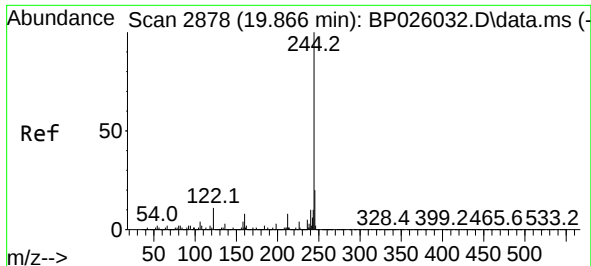
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#78
Pyrene
Concen: 7.845 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

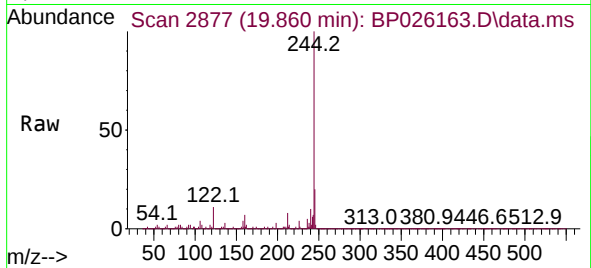
Tgt Ion:202 Resp: 639807
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.5 13.8 20.8





#79
 Terphenyl-d14
 Concen: 88.386 ng
 RT: 19.860 min Scan# 2878
 Delta R.T. -0.012 min
 Lab File: BP026163.D
 Acq: 19 Nov 2025 18:15

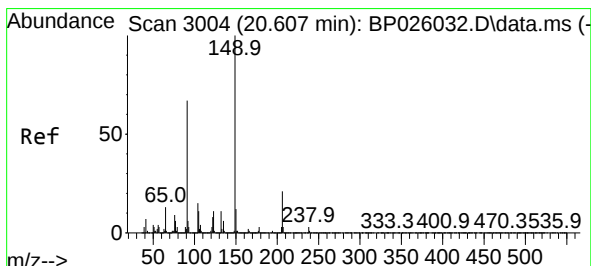
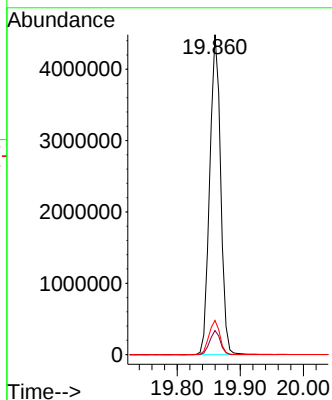
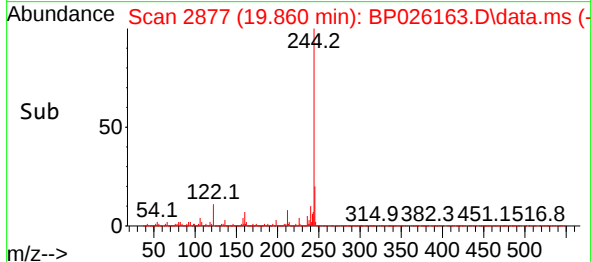
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:244 Resp: 5391500
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.7 8.2 12.2

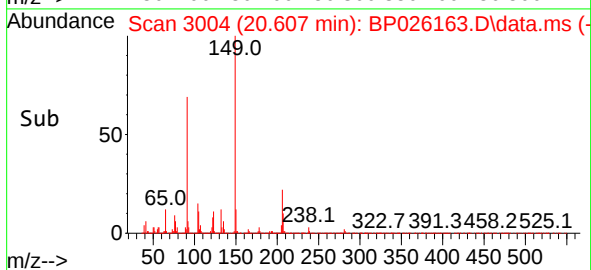
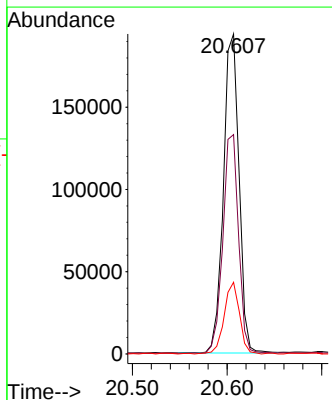
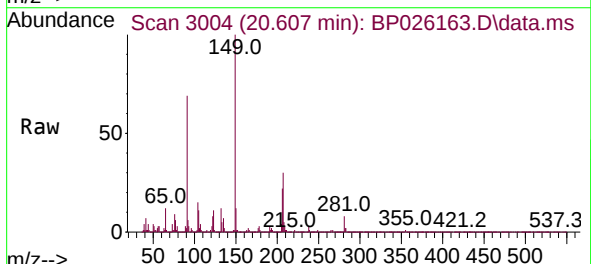
Manual Integrations
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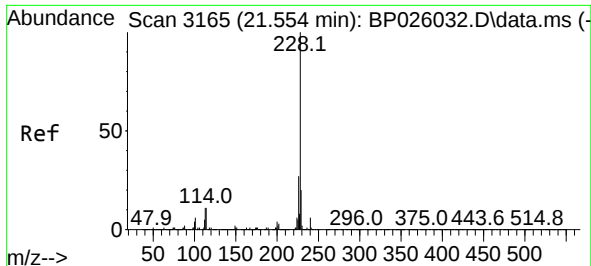
Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025



#80
 Butylbenzylphthalate
 Concen: 6.174 ng
 RT: 20.607 min Scan# 3004
 Delta R.T. 0.000 min
 Lab File: BP026163.D
 Acq: 19 Nov 2025 18:15

Tgt Ion:149 Resp: 221746
 Ion Ratio Lower Upper
 149 100
 91 68.5 52.6 79.0
 206 22.4 16.9 25.3





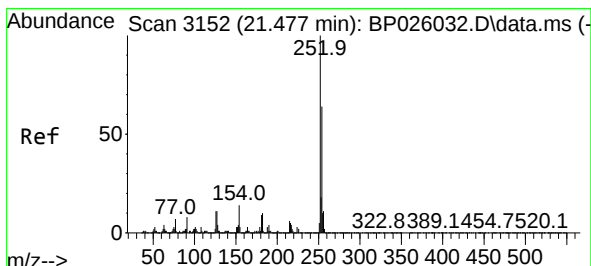
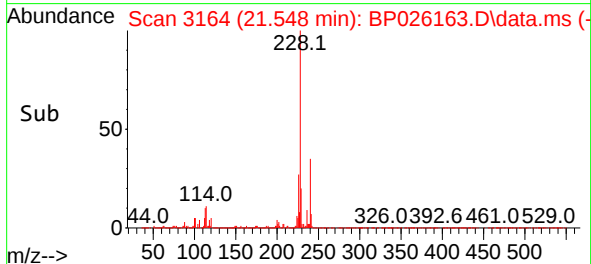
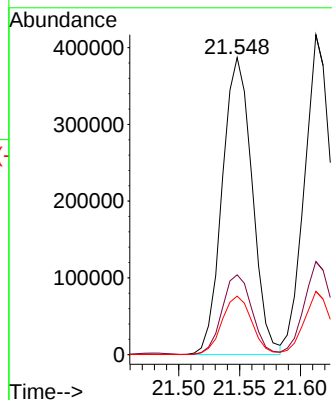
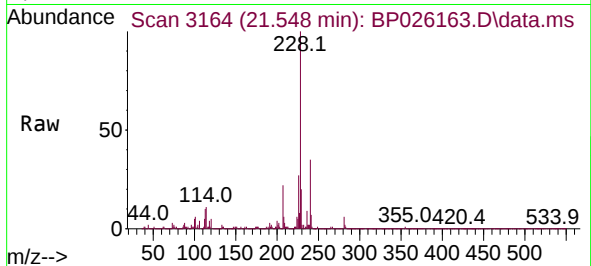
#81
Benzo(a)anthracene
Concen: 7.755 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

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

Tgt Ion:228 Resp: 662468
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.7 15.9 23.9

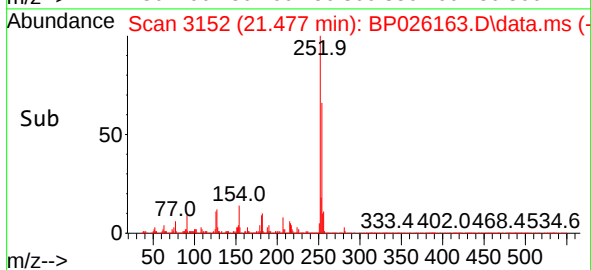
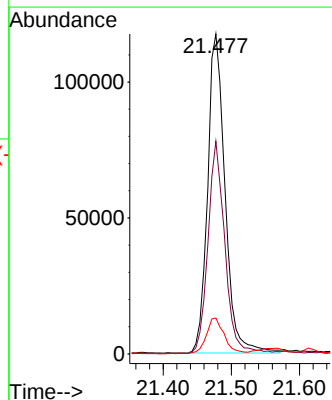
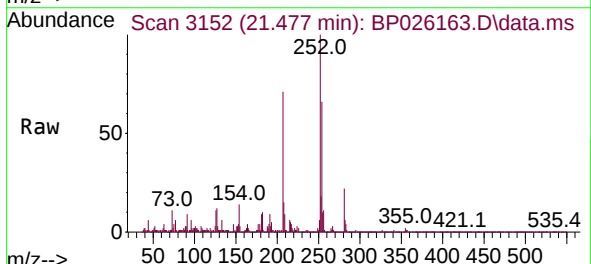
Manual Integrations
APPROVED

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



#82
3,3'-Dichlorobenzidine
Concen: 6.721 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:252 Resp: 208793
Ion Ratio Lower Upper
252 100
254 66.4 51.2 76.8
126 11.2 8.2 12.4





#83

Chrysene

Concen: 7.859 ng

RT: 21.613 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

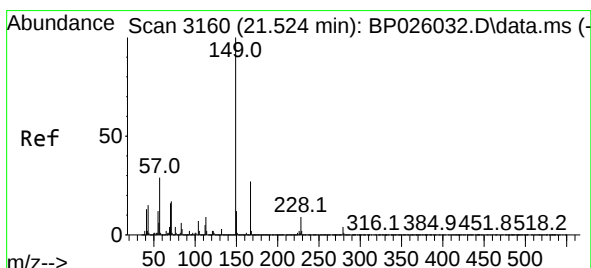
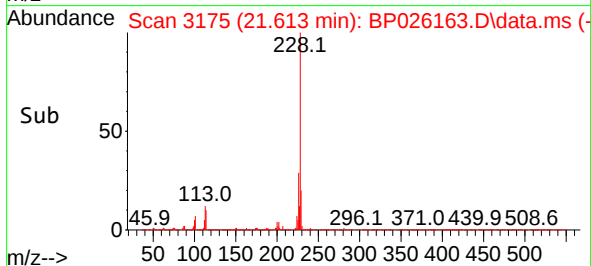
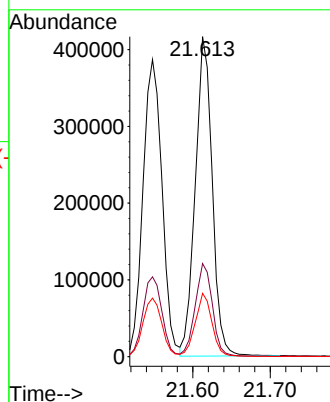
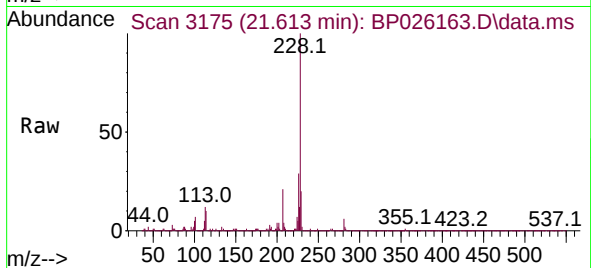
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	228	Resp:	632731
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.9	35.9
229	19.8	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: 6.589 ng

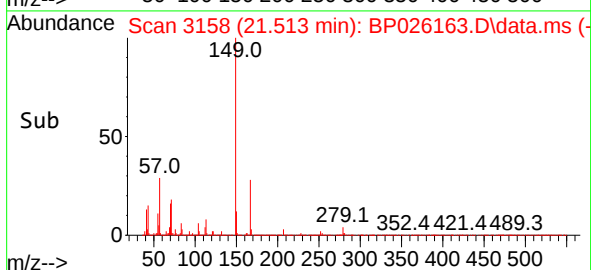
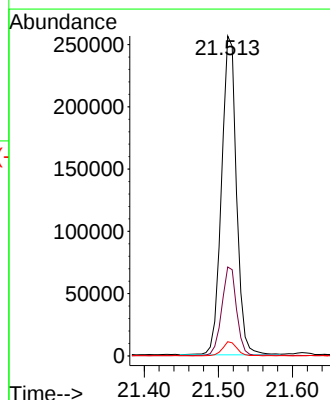
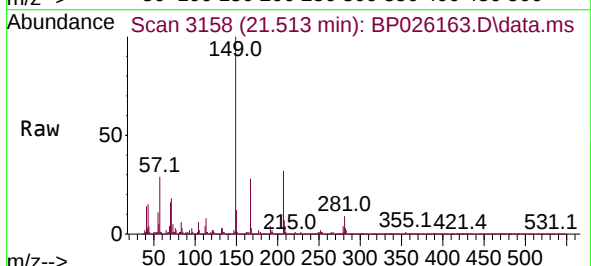
RT: 21.513 min Scan# 3158

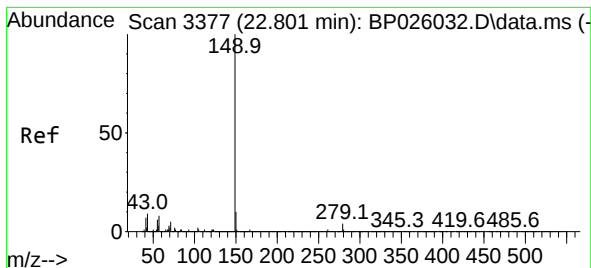
Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

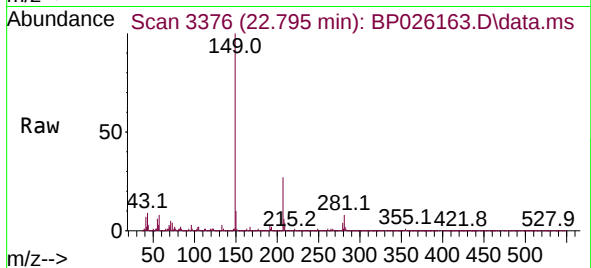
Tgt Ion:	149	Resp:	358207
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.1	33.1
279	4.4	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 5.714 ng
RT: 22.795 min Scan# 3377
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

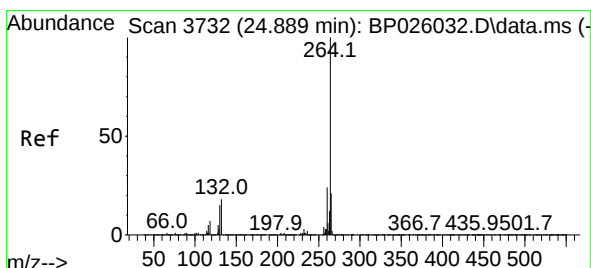
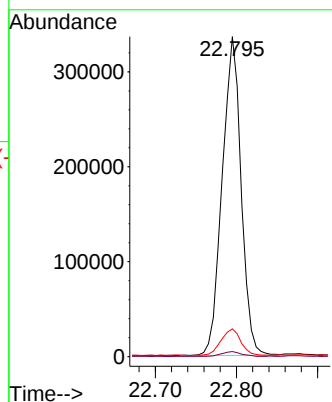
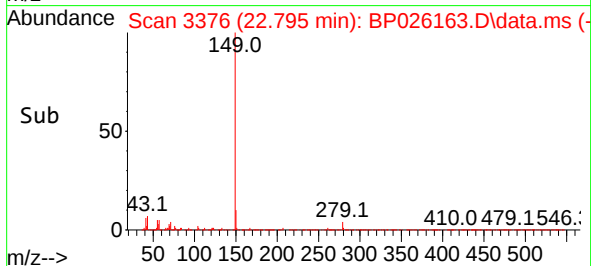
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:149 Resp: 543231
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 6.6 10.0

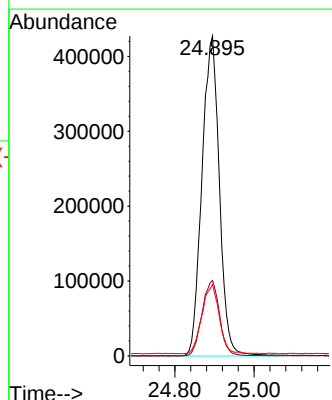
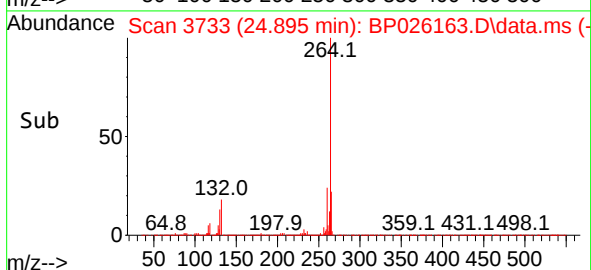
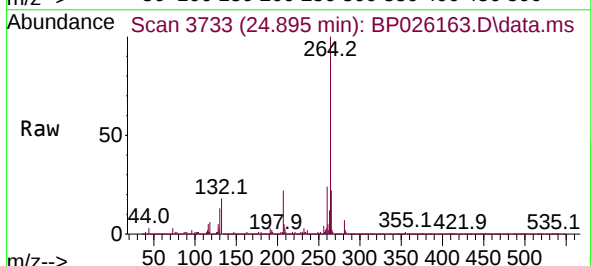
Manual Integrations
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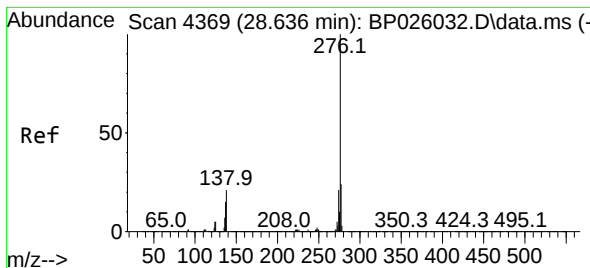
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3733
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:264 Resp: 1300604
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.525 ng

RT: 28.659 min Scan# 4369

Delta R.T. -0.047 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

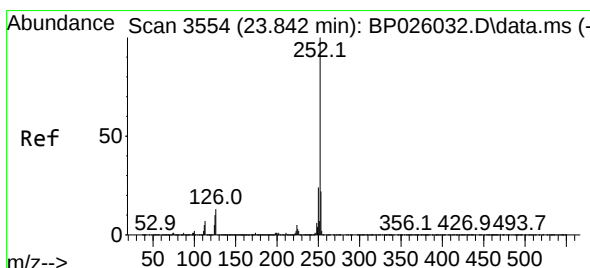
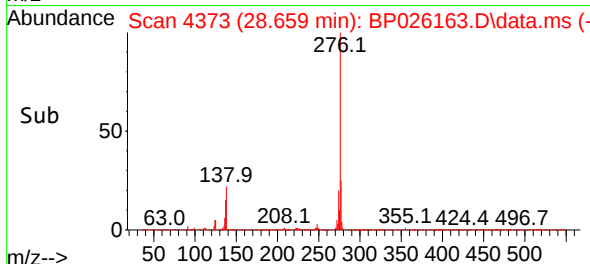
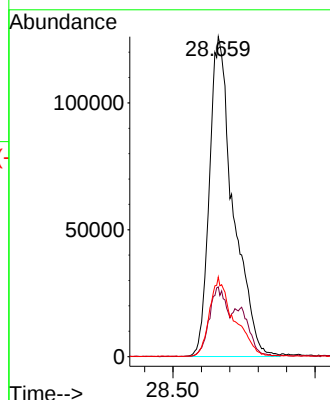
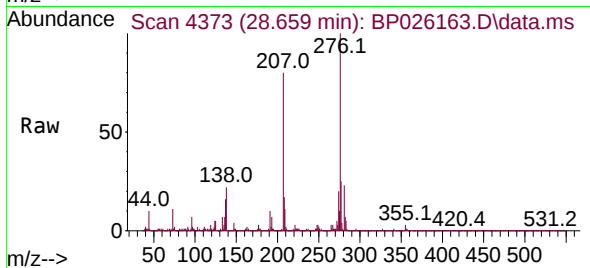
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	276	Resp:	734034
Ion Ratio	Lower	Upper	
276	100		
138	15.9	13.8	20.8
277	25.1	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: 8.047 ng

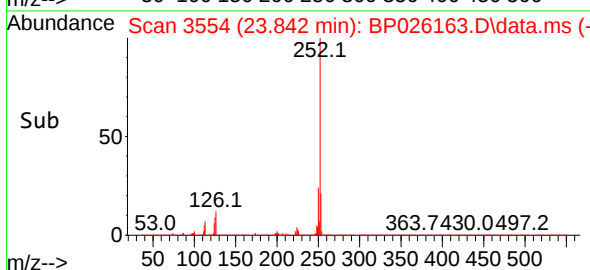
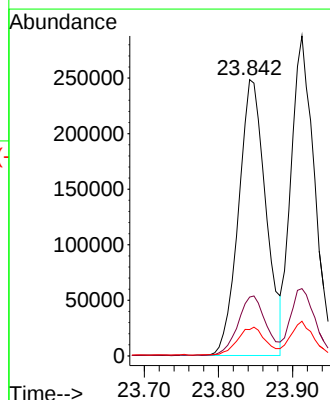
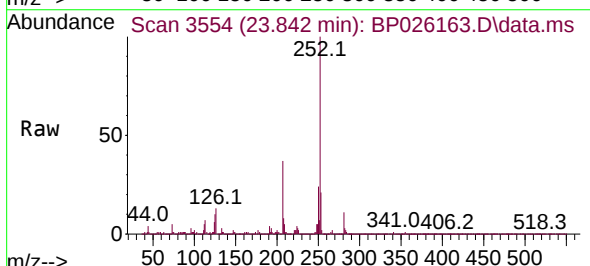
RT: 23.842 min Scan# 3554

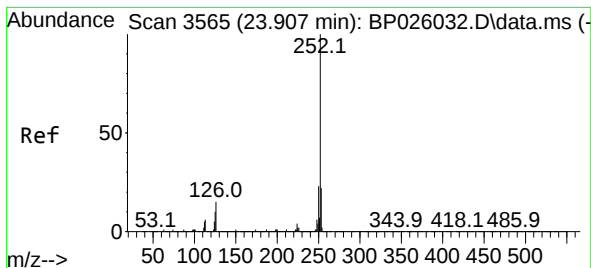
Delta R.T. -0.023 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Tgt Ion:	252	Resp:	637371
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.6	26.4
125	9.5	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 7.968 ng

RT: 23.913 min Scan# 3565

Delta R.T. -0.023 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

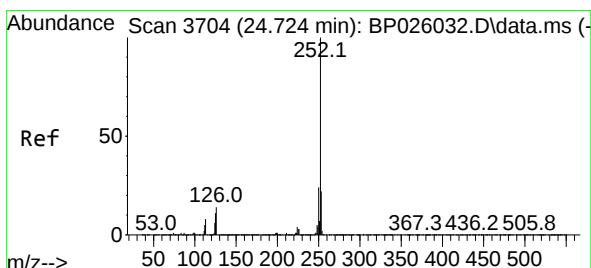
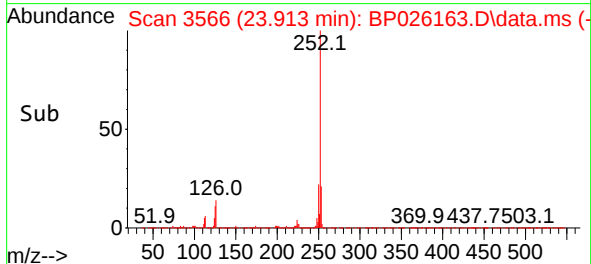
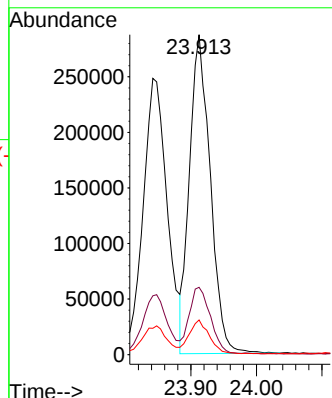
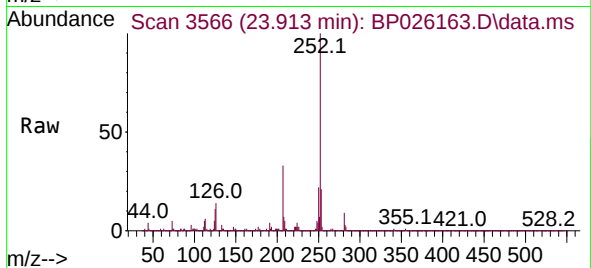
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	252	Resp:	630365
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.6	26.4
125	10.8	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: 7.959 ng

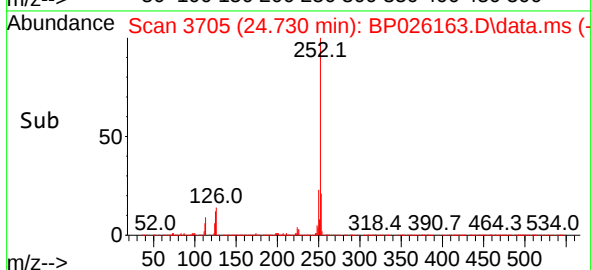
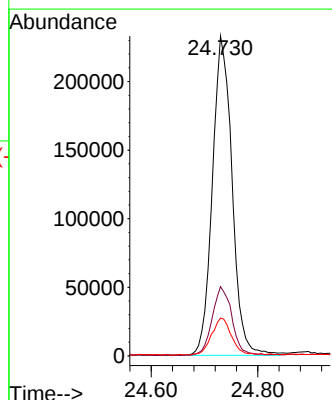
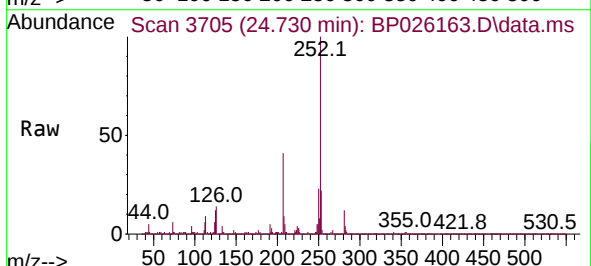
RT: 24.730 min Scan# 3705

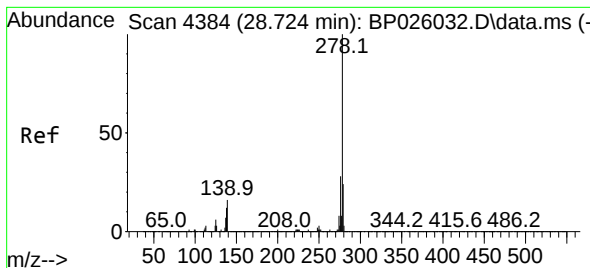
Delta R.T. -0.023 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Tgt Ion:	252	Resp:	597142
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.2
125	11.8	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 7.565 ng

RT: 28.742 min Scan# 4384

Delta R.T. -0.053 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

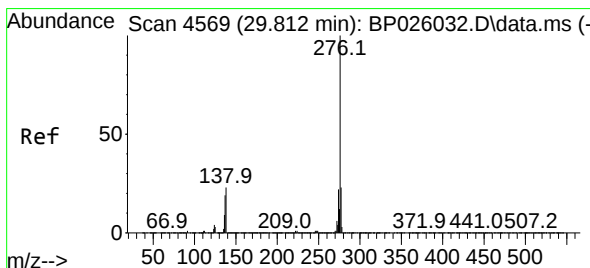
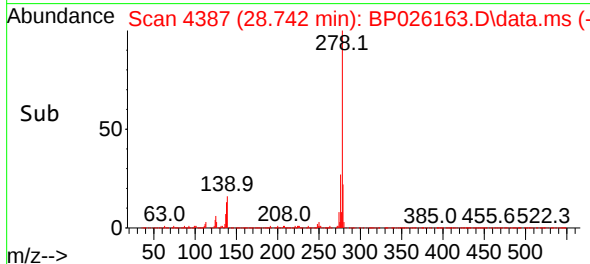
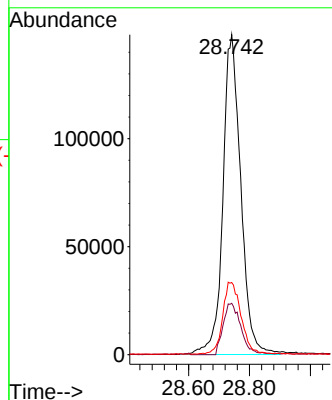
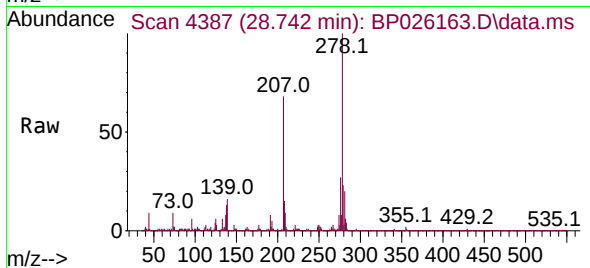
Tgt Ion:	278	Resp:	604036
Ion Ratio	Lower	Upper	
278	100		
139	16.0	13.2	19.8
279	22.5	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025

Supervised By :Sohil Jodhani 11/20/2025



#92

Benzo(g,h,i)perylene

Concen: 7.623 ng

RT: 29.818 min Scan# 4570

Delta R.T. -0.065 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Tgt Ion:	276	Resp:	604976
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.8	28.2
138	23.2	17.8	26.6

