

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064814.D
 Acq On : 19 Nov 2025 13:51
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 19 14:49:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 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	8.161	152	44908	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	183576	20.000	ng	0.00
39) Acenaphthene-d10	14.771	164	154418	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	382376	20.000	ng	0.00
76) Chrysene-d12	21.751	240	455187	20.000	ng	0.00
86) Perylene-d12	25.012	264	443456	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	283320	110.167	ng	0.00
7) Phenol-d6	7.303	99	394538	115.345	ng	0.00
23) Nitrobenzene-d5	9.324	82	289814	78.056	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	334377	111.029	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	844356	76.297	ng	0.00
79) Terphenyl-d14	20.088	244	1990533	86.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	4269	4.288	ng	90
3) Pyridine	3.948	79	11197	3.775	ng	89
6) Aniline	7.474	93	19968	4.380	ng	91
8) 2-Chlorophenol	7.720	128	12698	4.497	ng	98
10) Phenol	7.327	94	15111	4.060	ng	86
11) bis(2-Chloroethyl)ether	7.568	93	11378	4.296	ng	97
12) 1,3-Dichlorobenzene	8.049	146	14240m	4.382	ng	
13) 1,4-Dichlorobenzene	8.196	146	14252	4.307	ng	93
14) 1,2-Dichlorobenzene	8.520	146	13431	4.187	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.684	45	24499	3.908	ng	97
17) 2-Methylphenol	8.590	107	10519	3.995	ng	95
18) Hexachloroethane	9.266	117	4954	3.953	ng	96
19) n-Nitroso-di-n-propyla...	8.960	70	9987	4.318	ng	# 80
22) Acetophenone	8.978	105	20732	4.145	ng	# 98
24) Nitrobenzene	9.360	77	14701	3.919	ng	99
25) Isophorone	9.889	82	28036	3.965	ng	96
26) 2-Nitrophenol	10.077	139	6131	3.633	ng	# 88
27) 2,4-Dimethylphenol	10.135	122	11172	3.727	ng	90
28) bis(2-Chloroethoxy)met...	10.364	93	16181	4.169	ng	# 93
29) 2,4-Dichlorophenol	10.623	162	12061	3.747	ng	94
30) 1,2,4-Trichlorobenzene	10.840	180	15891	4.089	ng	93
31) Naphthalene	11.028	128	42718	4.105	ng	# 93
33) 4-Chloroaniline	11.128	127	15949	3.831	ng	# 94
34) Hexachlorobutadiene	11.316	225	13187	3.955	ng	91
36) 4-Chloro-3-methylphenol	12.233	107	13529	3.777	ng	95
37) 2-Methylnaphthalene	12.621	142	29109	3.738	ng	96
38) 1-Methylnaphthalene	12.838	142	31382	4.057	ng	# 90
40) 1,2,4,5-Tetrachloroben...	12.985	216	24887	4.141	ng	96
43) 2,4,6-Trichlorophenol	13.220	196	13126m	3.722	ng	
44) 2,4,5-Trichlorophenol	13.290	196	12308	3.111	ng	97
46) 1,1'-Biphenyl	13.614	154	45325	4.087	ng	91
47) 2-Chloronaphthalene	13.661	162	35277	4.037	ng	98
48) 2-Nitroaniline	13.849	65	10545	3.752	ng	95
49) Acenaphthylene	14.495	152	57608	3.859	ng	97
50) Dimethylphthalate	14.219	163	49895	4.090	ng	98
51) 2,6-Dinitrotoluene	14.330	165	9155	3.900	ng	91

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Instrument :
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Quant Time: Nov 19 14:49:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED

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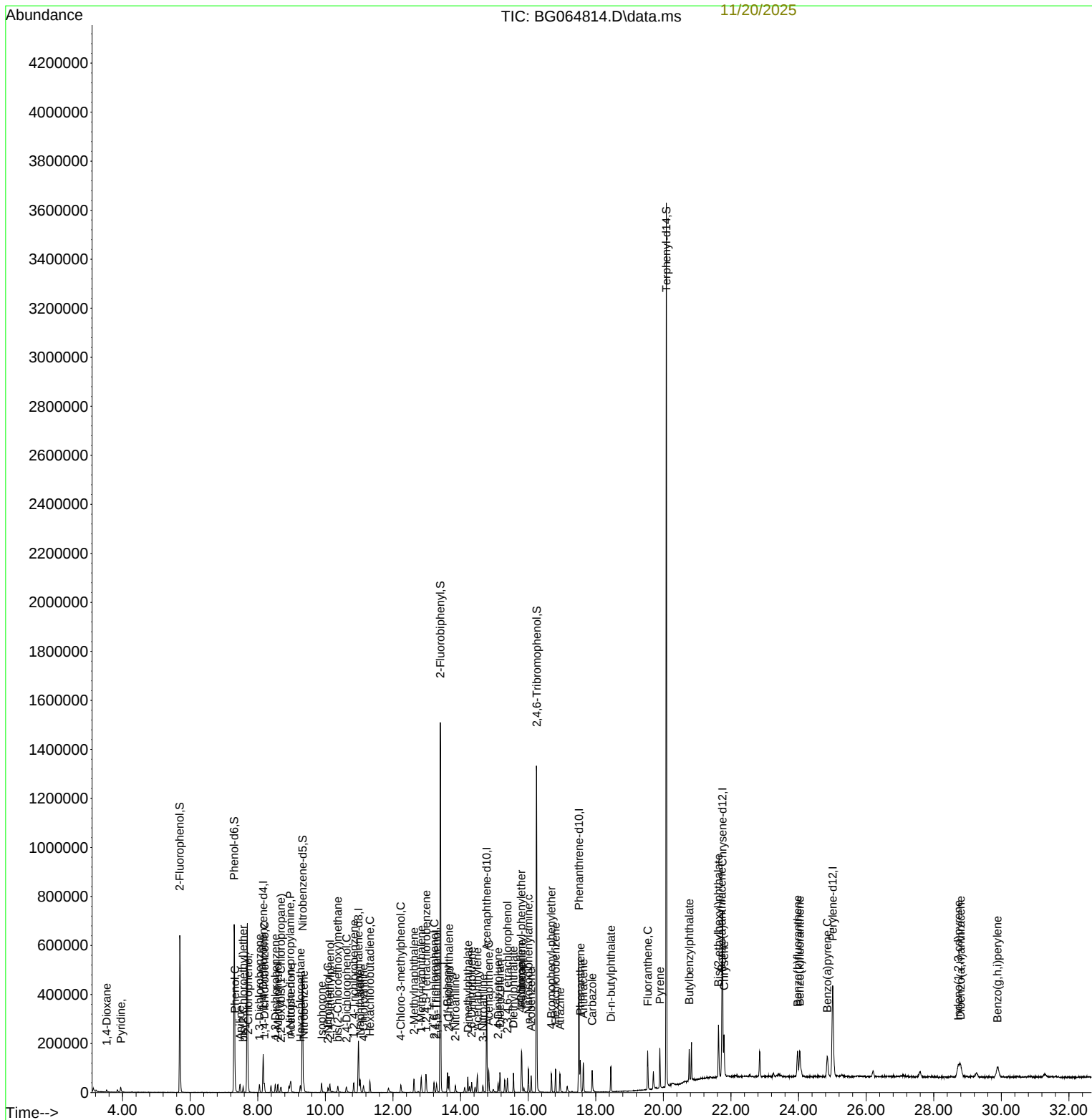
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
52) Acenaphthene	14.836	154	35446	3.960	ng		91
53) 3-Nitroaniline	14.665	138	8547	3.689	ng	#	79
55) Dibenzofuran	15.165	168	60236	4.071	ng		91
57) 2,4-Dinitrotoluene	15.112	165	13044	3.707	ng		98
58) Fluorene	15.811	166	48056	4.141	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.388	232	14882	3.813	ng	#	97
60) Diethylphthalate	15.564	149	47564	4.070	ng		98
61) 4-Chlorophenyl-phenyle...	15.799	204	28956	4.157	ng		92
62) 4-Nitroaniline	15.811	138	8383	3.493	ng	#	81
63) Azobenzene	16.087	77	40338	4.150	ng		96
66) n-Nitrosodiphenylamine	16.005	169	42856	4.279	ng		95
67) 4-Bromophenyl-phenylether	16.686	248	21397	4.261	ng		97
68) Hexachlorobenzene	16.816	284	24023	3.949	ng		95
69) Atrazine	16.945	200	18244	3.778	ng		97
71) Phenanthrene	17.544	178	89099	4.259	ng		100
72) Anthracene	17.632	178	89101	4.177	ng		98
73) Carbazole	17.897	167	74815	4.080	ng		99
74) Di-n-butylphthalate	18.449	149	87199	4.262	ng		97
75) Fluoranthene	19.536	202	115169	4.026	ng		100
78) Pyrene	19.894	202	119251	4.674	ng		95
80) Butylbenzylphthalate	20.764	149	41077	4.578	ng		95
81) Benzo(a)anthracene	21.728	228	126137	4.075	ng		99
83) Chrysene	21.798	228	120750	4.138	ng		94
84) Bis(2-ethylhexyl)phtha...	21.628	149	58415	4.455	ng		97
87) Indeno(1,2,3-cd)pyrene	28.725	276	120987	3.971	ng	#	98
88) Benzo(b)fluoranthene	23.972	252	110610	3.919	ng	#	95
89) Benzo(k)fluoranthene	24.037	252	112854	3.980	ng	#	96
90) Benzo(a)pyrene	24.853	252	109047	4.166	ng	#	96
91) Dibenzo(a,h)anthracene	28.796	278	99607	3.991	ng		98
92) Benzo(g,h,i)perylene	29.883	276	95174	3.962	ng	#	96

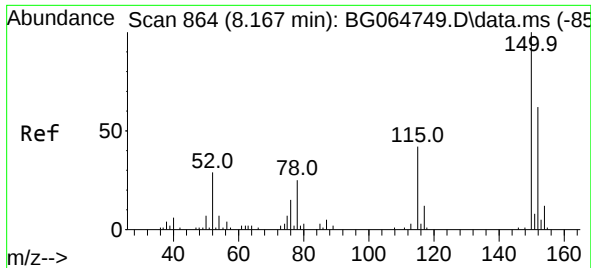
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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Upadhyay
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11/20/2025

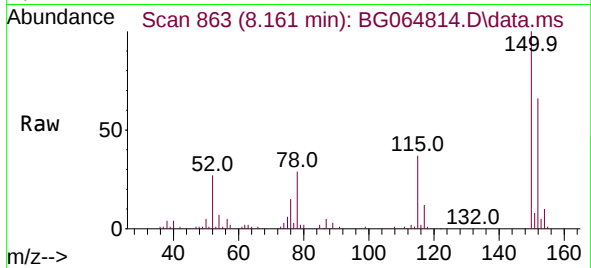
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

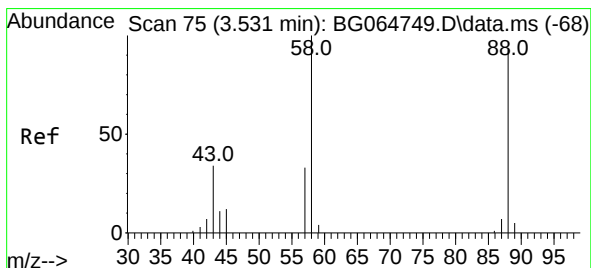
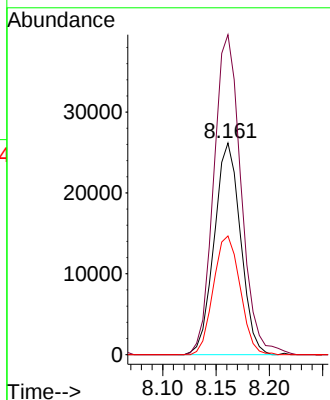
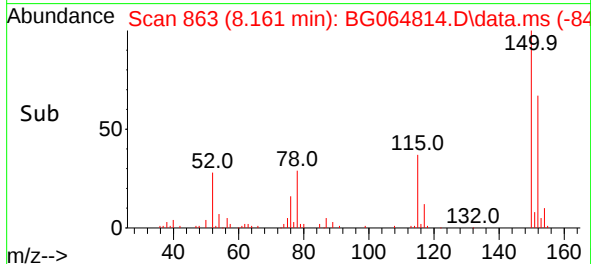


Tgt Ion:152 Resp: 44908
Ion Ratio Lower Upper
152 100
150 151.2 129.2 193.8
115 56.1 53.7 80.5

Manual Integrations
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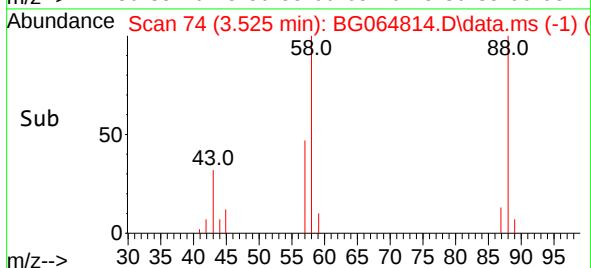
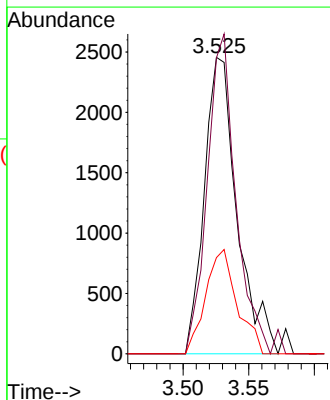
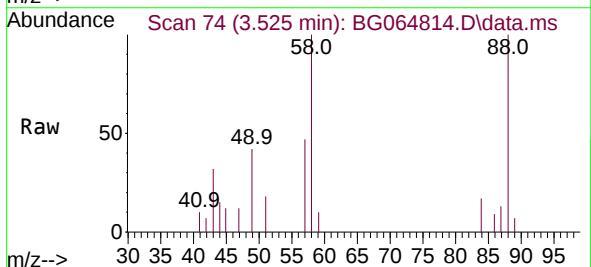
Reviewed By :Jagrut
Upadhyay
11/20/2025

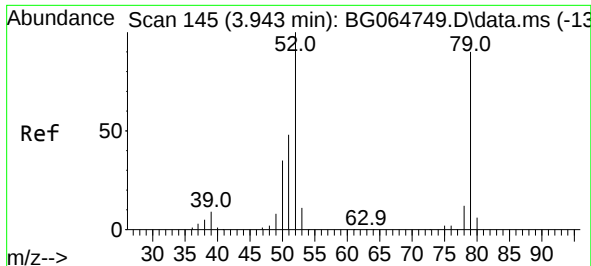
Supervised By :Sohil
Jodhani
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#2
1,4-Dioxane
Concen: 4.288 ng
RT: 3.525 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

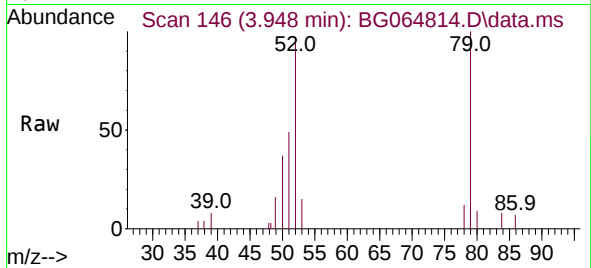
Tgt Ion: 88 Resp: 4269
Ion Ratio Lower Upper
88 100
58 93.5 84.6 126.8
43 33.7 30.0 45.0





#3
Pyridine
Concen: 3.775 ng
RT: 3.948 min Scan# 145
Delta R.T. 0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

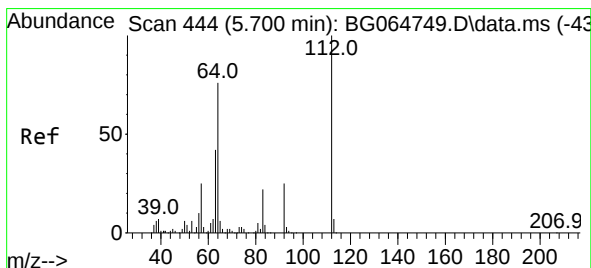
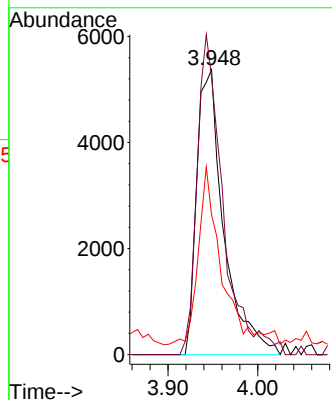


Tgt Ion: 79 Resp: 11197
Ion Ratio Lower Upper
79 100
52 97.3 89.0 133.4
51 49.0 43.4 65.0

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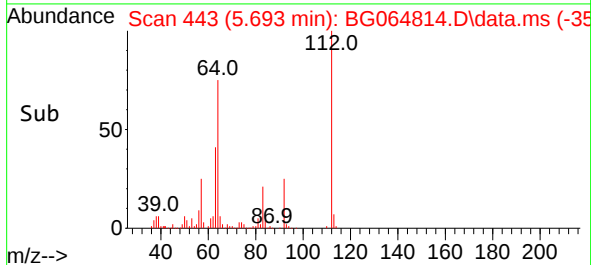
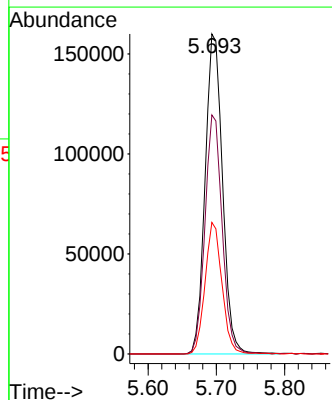
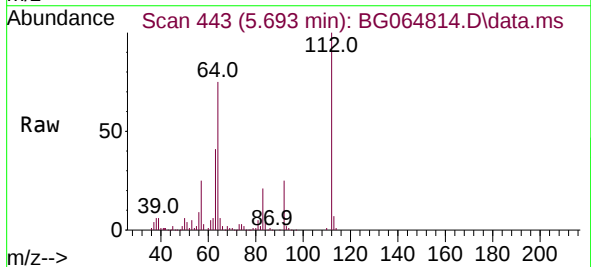
Reviewed By :Jagrut
Upadhyay
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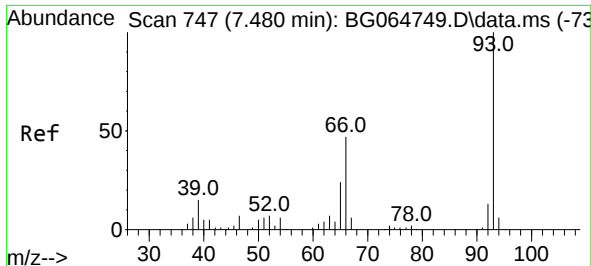
Supervised By :Sohil
Jodhani
11/20/2025



#5
2-Fluorophenol
Concen: 110.167 ng
RT: 5.693 min Scan# 443
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

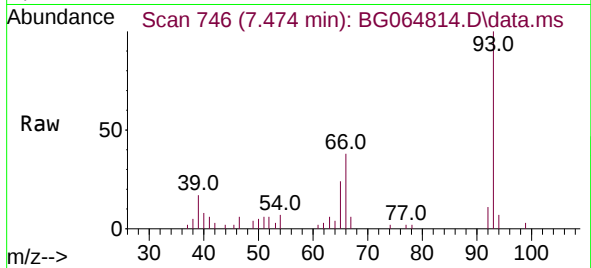
Tgt Ion:112 Resp: 283320
Ion Ratio Lower Upper
112 100
64 74.7 61.0 91.4
63 41.1 33.3 49.9





#6
Aniline
Concen: 4.380 ng
RT: 7.474 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

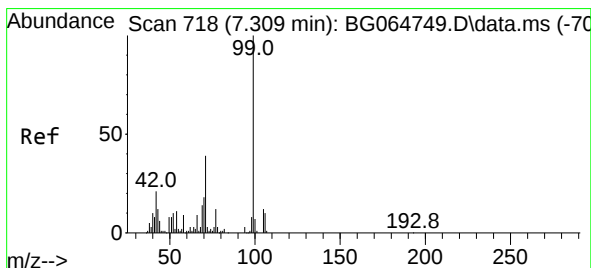
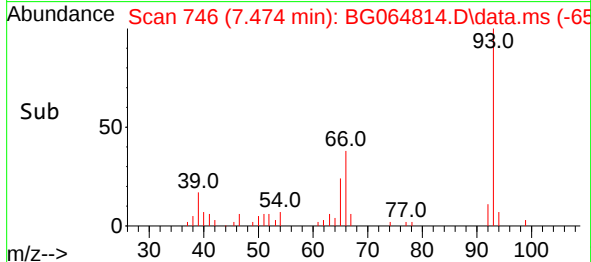
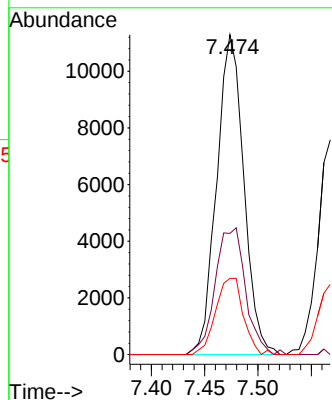


Tgt Ion: 93 Resp: 19968
Ion Ratio Lower Upper
93 100
66 37.9 37.7 56.5
65 23.8 19.1 28.7

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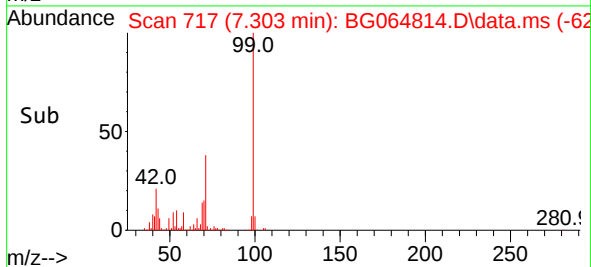
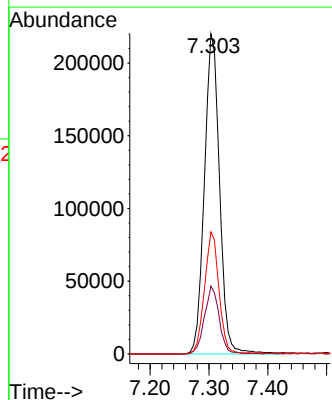
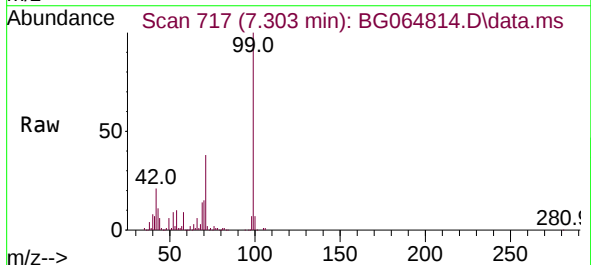
Reviewed By :Jagrut
Upadhyay
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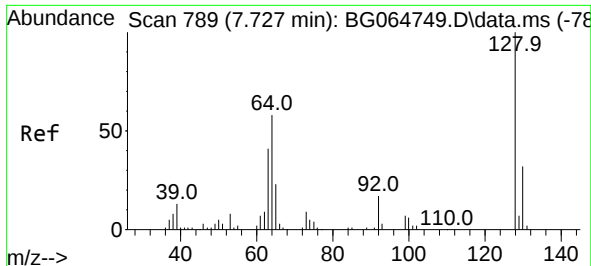
Supervised By :Sohil
Jodhani
11/20/2025



#7
Phenol-d6
Concen: 115.345 ng
RT: 7.303 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

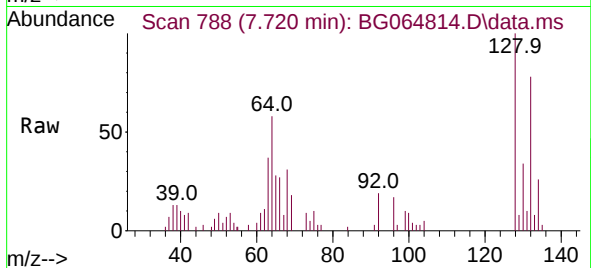
Tgt Ion: 99 Resp: 394538
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 38.1 31.1 46.7





#8
2-Chlorophenol
Concen: 4.497 ng
RT: 7.720 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

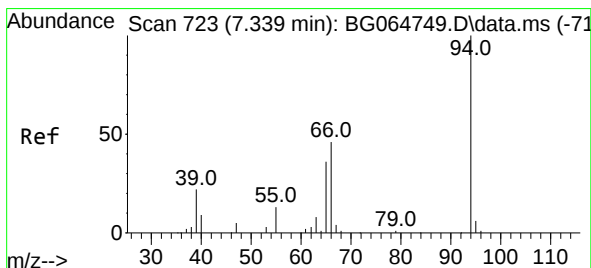
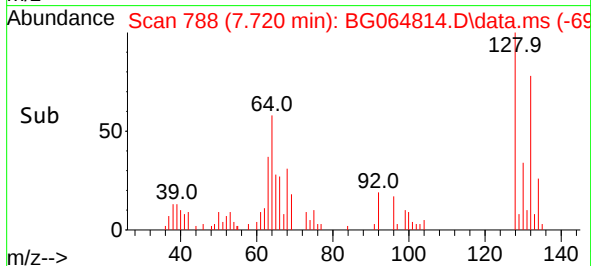
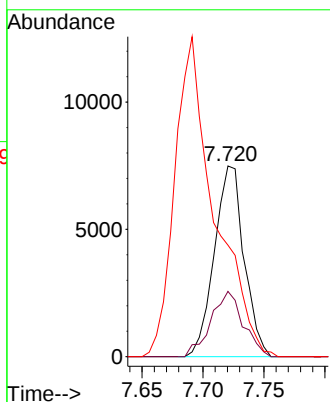


Tgt Ion:128 Resp: 12698
Ion Ratio Lower Upper
128 100
130 34.2 11.9 51.9
64 58.5 38.4 78.4

Manual Integrations
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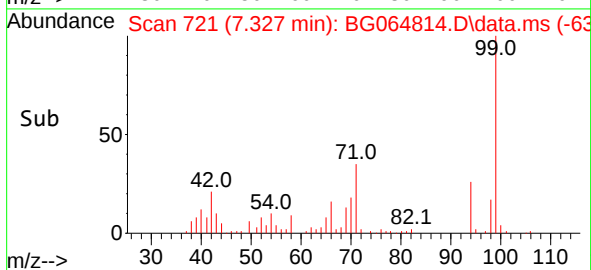
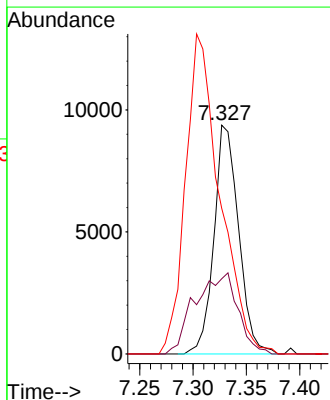
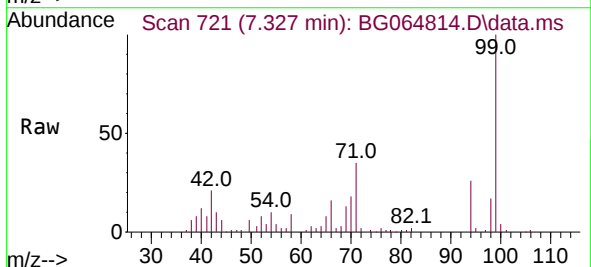
Reviewed By :Jagrut
Upadhyay
11/20/2025

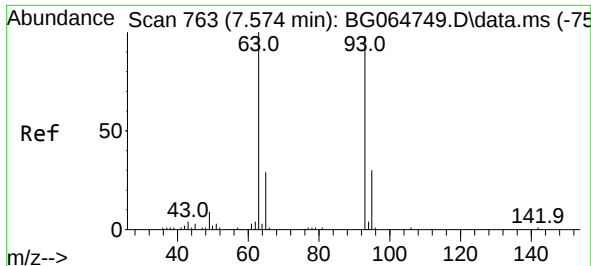
Supervised By :Sohil
Jodhani
11/20/2025



#10
Phenol
Concen: 4.060 ng
RT: 7.327 min Scan# 721
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

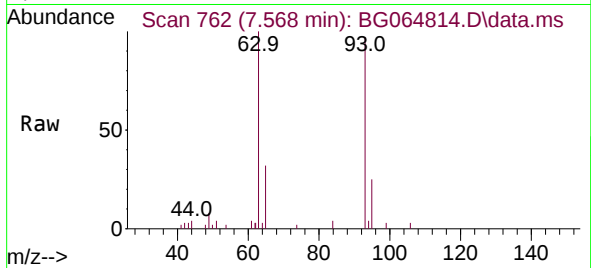
Tgt Ion: 94 Resp: 15111
Ion Ratio Lower Upper
94 100
65 32.8 17.0 57.0
66 63.6 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 4.296 ng
RT: 7.568 min Scan# 762
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

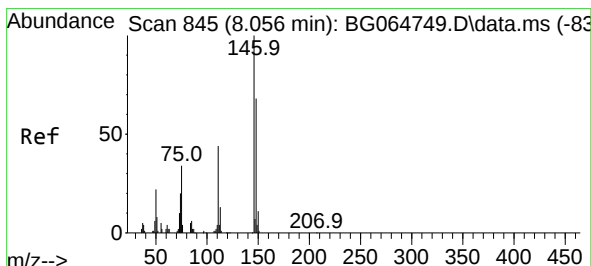
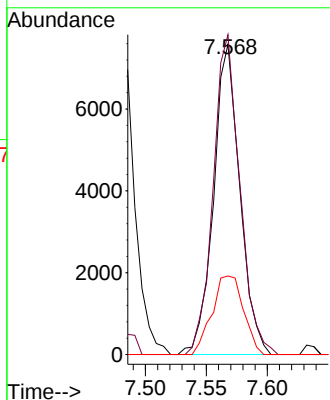
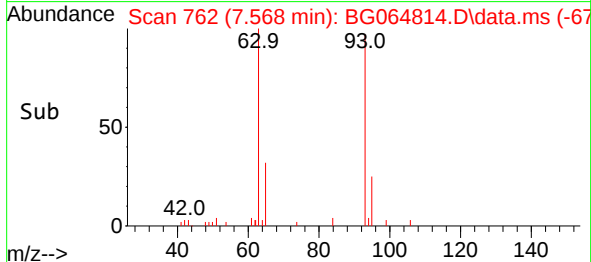


Tgt Ion: 93 Resp: 11378
Ion Ratio Lower Upper
93 100
63 103.1 81.8 121.8
95 25.3 10.3 50.3

Manual Integrations
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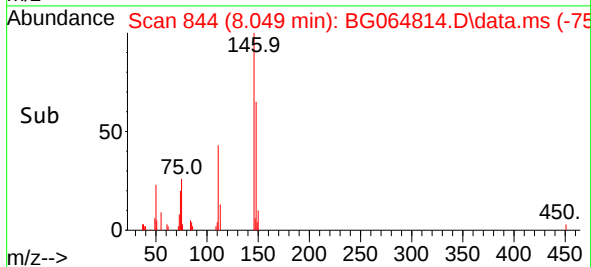
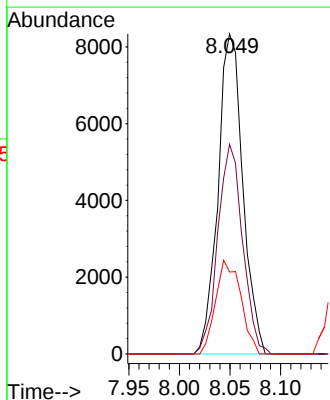
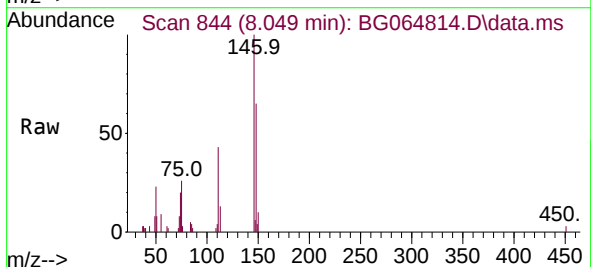
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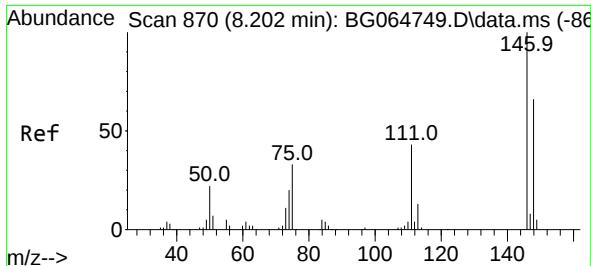
Supervised By :Sohil
Jodhani
11/20/2025



#12
1,3-Dichlorobenzene
Concen: 4.382 ng m
RT: 8.049 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:146 Resp: 14240
Ion Ratio Lower Upper
146 100
148 65.5 54.6 82.0
75 25.6 27.6 41.4#





#13

1,4-Dichlorobenzene

Concen: 4.307 ng

RT: 8.196 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:	146	Resp:	14252
Ion Ratio	Lower	Upper	
146	100		
148	62.3	53.1	79.7
111	48.6	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut

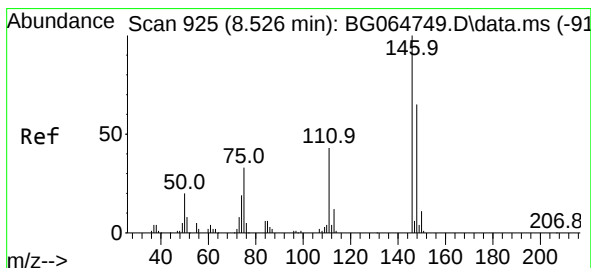
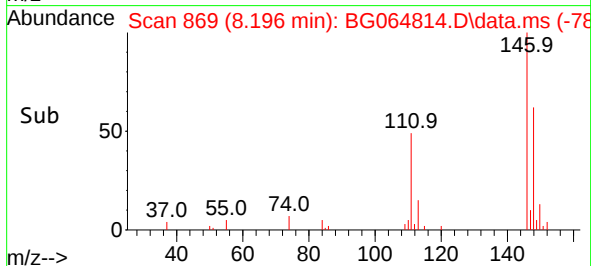
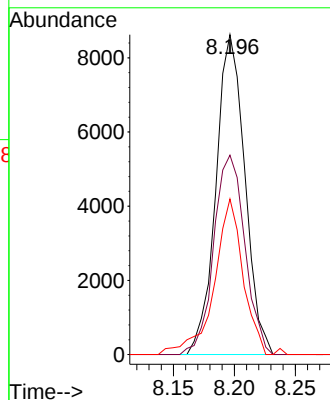
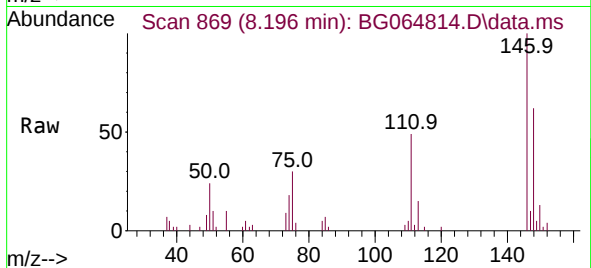
Upadhyay

11/20/2025

Supervised By :Sohil

Jodhani

11/20/2025



#14

1,2-Dichlorobenzene

Concen: 4.187 ng

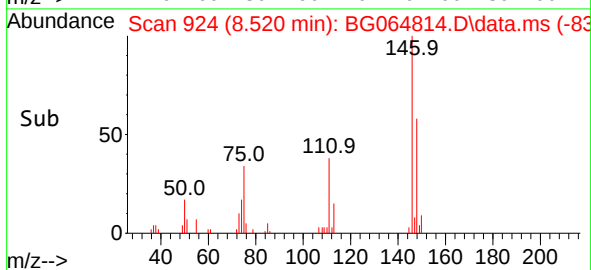
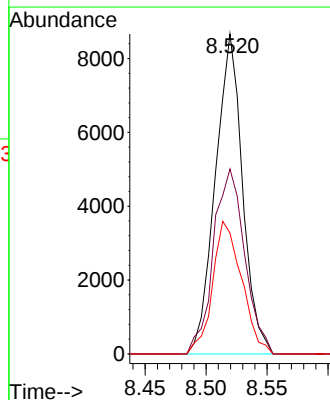
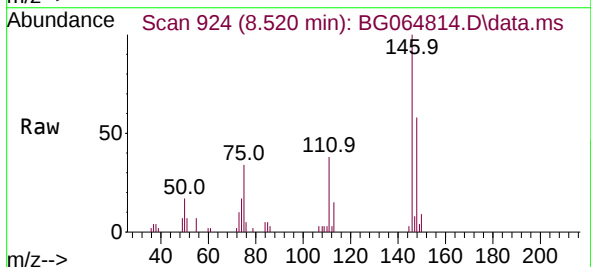
RT: 8.520 min Scan# 924

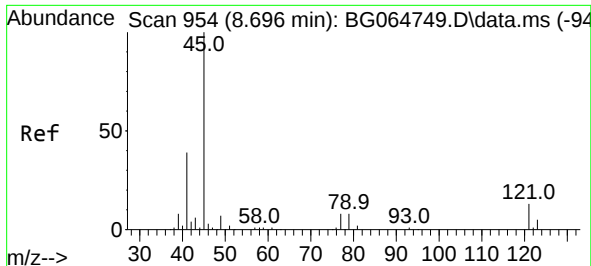
Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Tgt Ion:	146	Resp:	13431
Ion Ratio	Lower	Upper	
146	100		
148	57.8	52.0	78.0
111	37.8	34.7	52.1





#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.908 ng
RT: 8.684 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

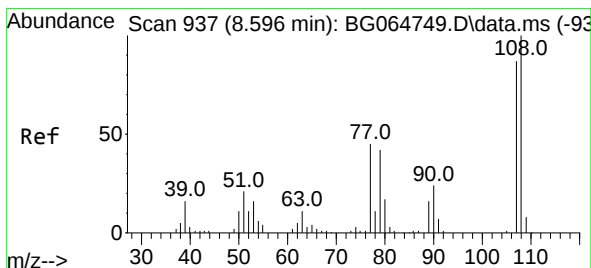
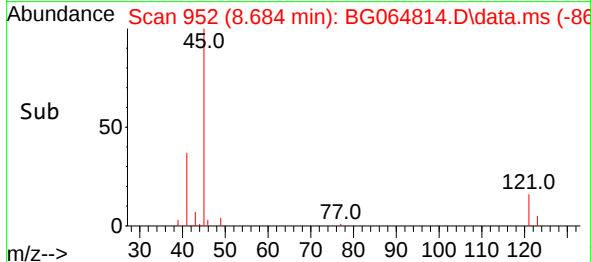
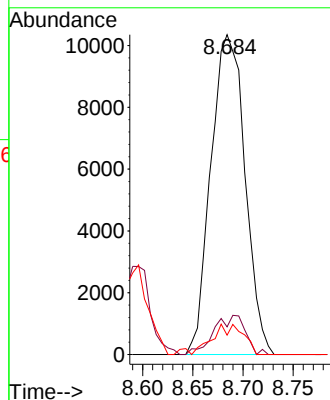
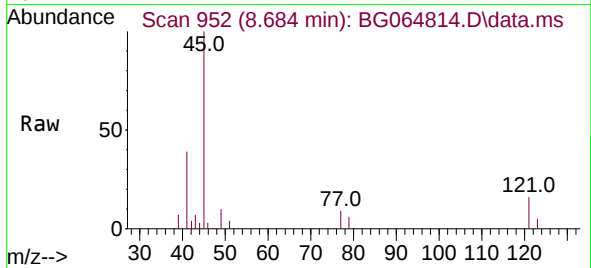
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion: 45 Resp: 2449
Ion Ratio Lower Upper
45 100
77 8.7 0.0 28.8
79 6.1 0.0 28.1

Manual Integrations
APPROVED

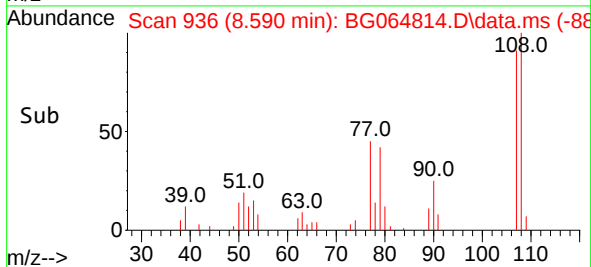
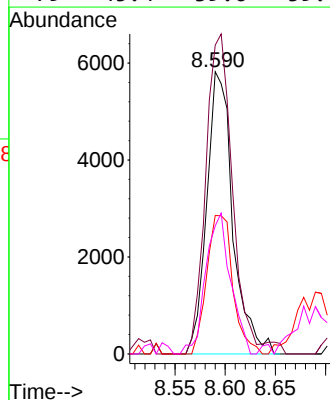
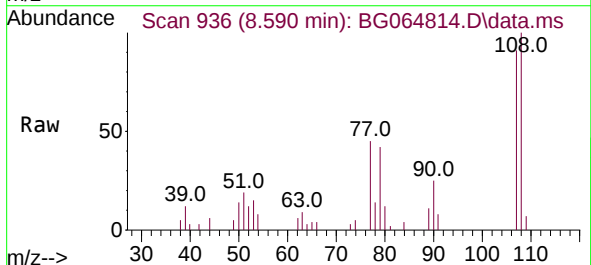
Reviewed By :Jagrut
Upadhyay
11/20/2025

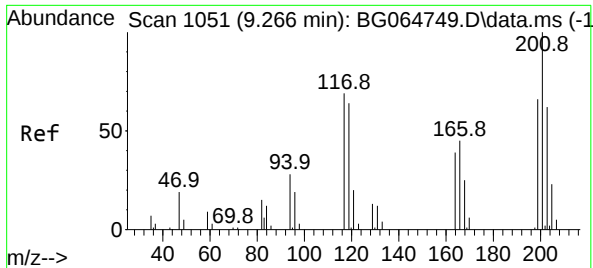
Supervised By :Sohil
Jodhani
11/20/2025



#17
2-Methylphenol
Concen: 3.995 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

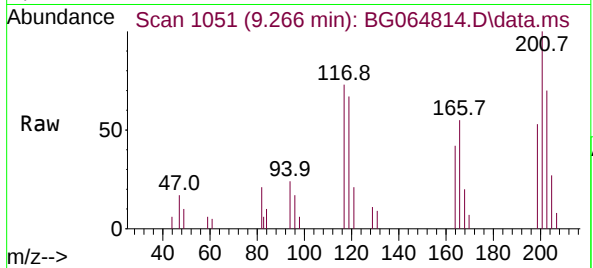
Tgt Ion:107 Resp: 10519
Ion Ratio Lower Upper
107 100
108 109.4 92.6 138.8
77 49.0 41.2 61.8
79 45.4 39.6 59.4





#18
Hexachloroethane
Concen: 3.953 ng
RT: 9.266 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

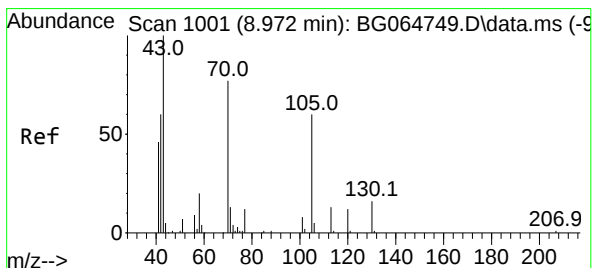
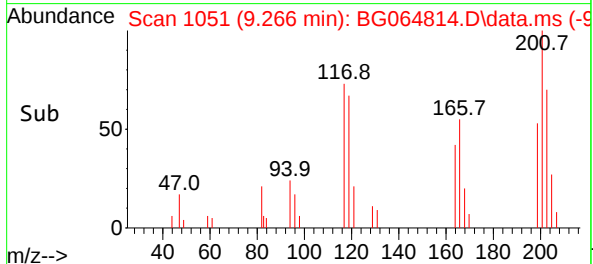
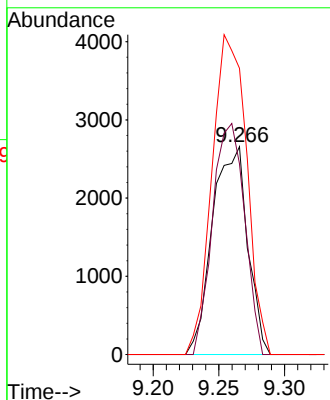


Tgt Ion:117 Resp: 4954
Ion Ratio Lower Upper
117 100
119 91.8 74.4 111.6
201 137.7 116.5 174.7

Manual Integrations
APPROVED

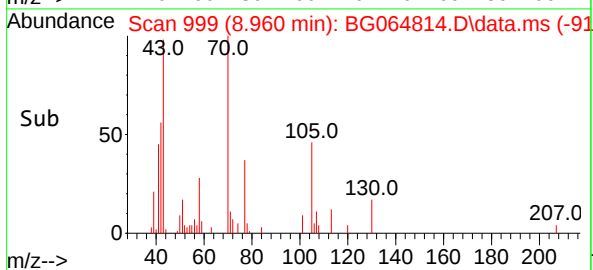
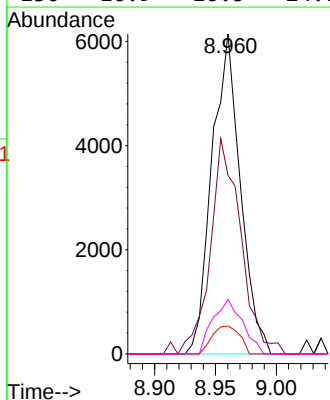
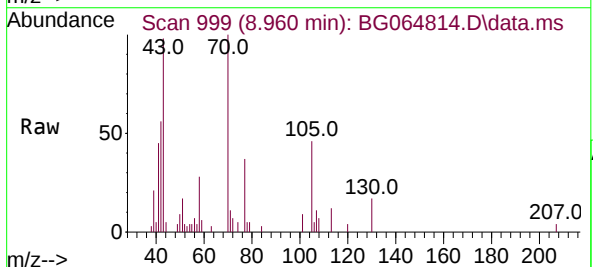
Reviewed By :Jagrut
Upadhyay
11/20/2025

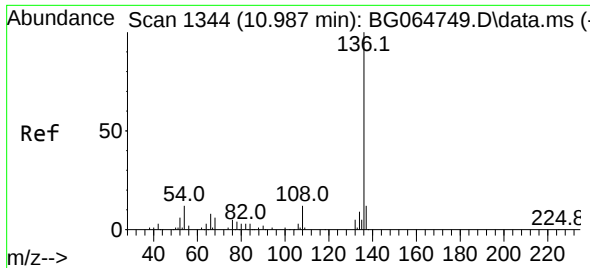
Supervised By :Sohil
Jodhani
11/20/2025



#19
n-Nitroso-di-n-propylamine
Concen: 4.318 ng
RT: 8.960 min Scan# 999
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

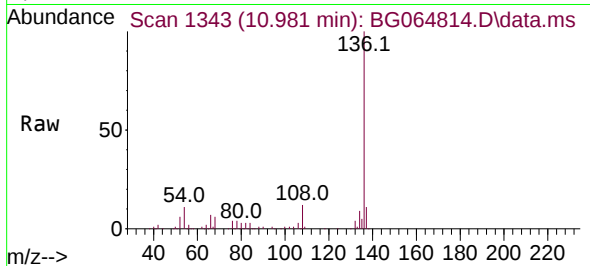
Tgt Ion: 70 Resp: 9987
Ion Ratio Lower Upper
70 100
42 55.9 62.6 93.8#
101 8.7 8.0 12.0
130 16.9 16.5 24.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

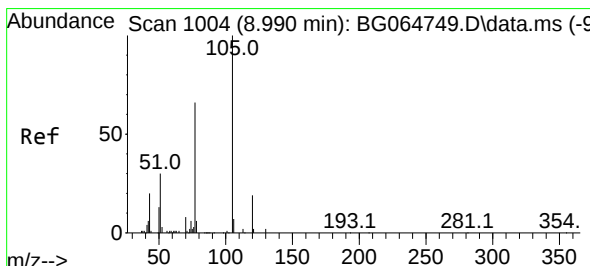
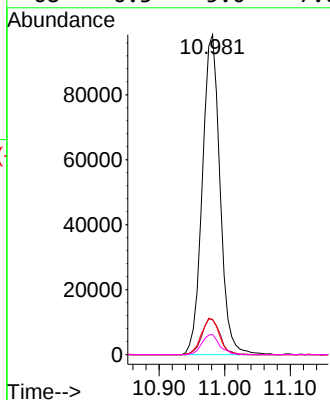
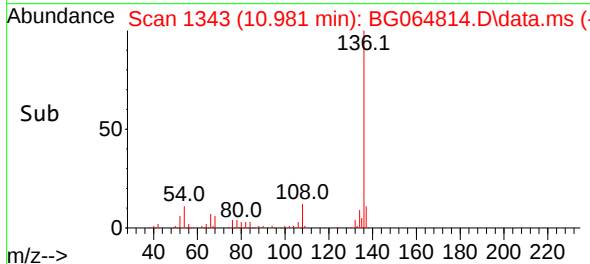


Tgt Ion:136 Resp: 183576
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 11.0 9.3 13.9
68 6.3 5.0 7.6

Manual Integrations
APPROVED

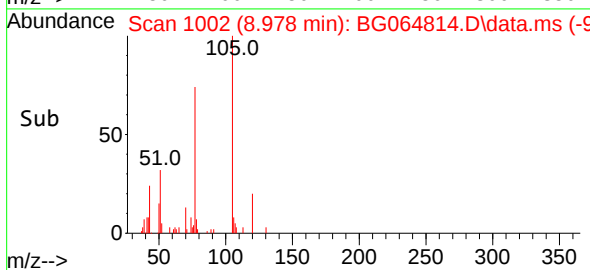
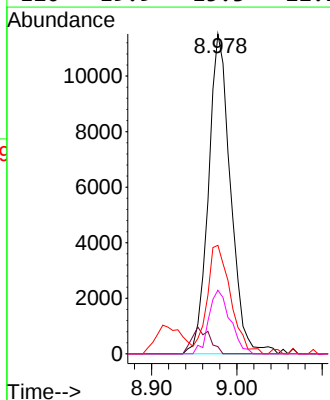
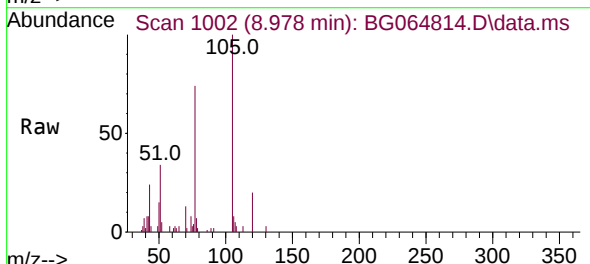
Reviewed By :Jagrut
Upadhyay
11/20/2025

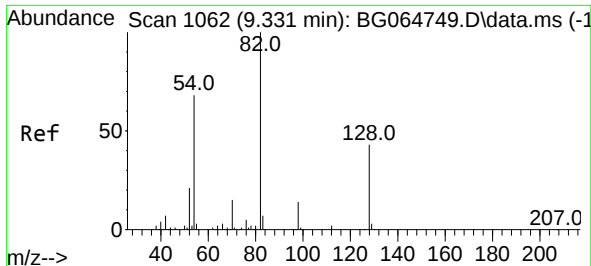
Supervised By :Sohil
Jodhani
11/20/2025



#22
Acetophenone
Concen: 4.145 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:105 Resp: 20732
Ion Ratio Lower Upper
105 100
71 2.3 1.3 1.9#
51 33.9 27.9 41.9
120 19.9 15.3 22.9





#23

Nitrobenzene-d5

Concen: 78.056 ng

RT: 9.324 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

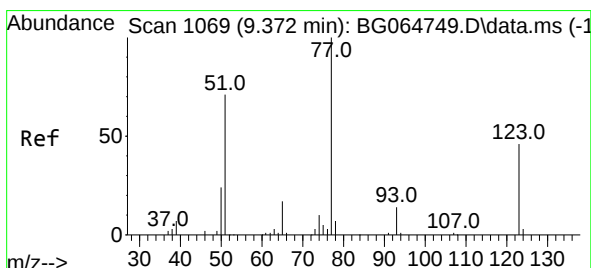
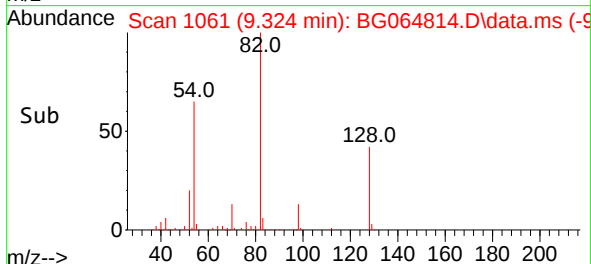
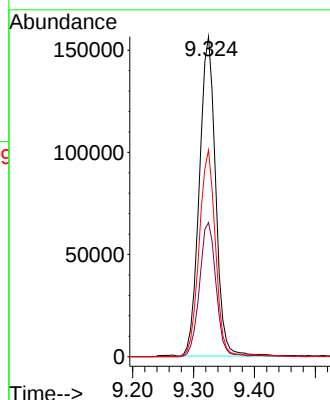
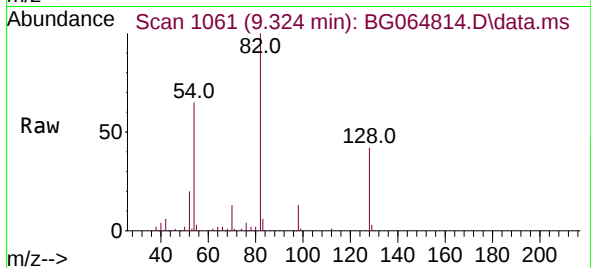
Tgt Ion: 82 Resp: 289814

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.1	51.1
54	64.6	54.3	81.5

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
11/20/2025

Supervised By :Sohil
Jodhani
11/20/2025



#24

Nitrobenzene

Concen: 3.919 ng

RT: 9.360 min Scan# 1067

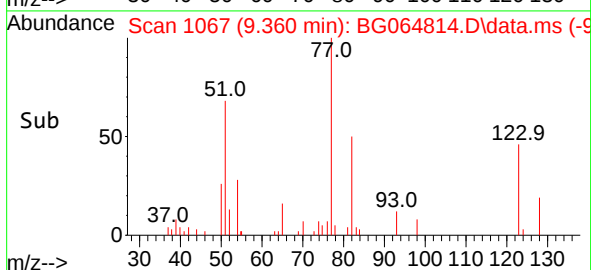
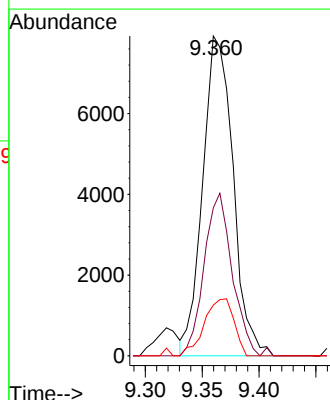
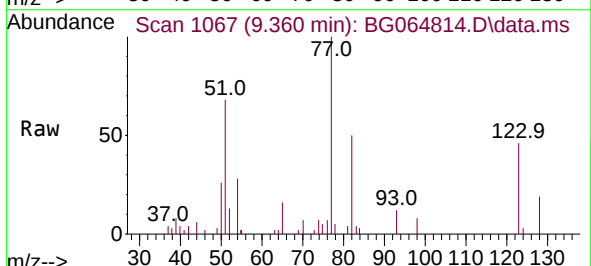
Delta R.T. -0.012 min

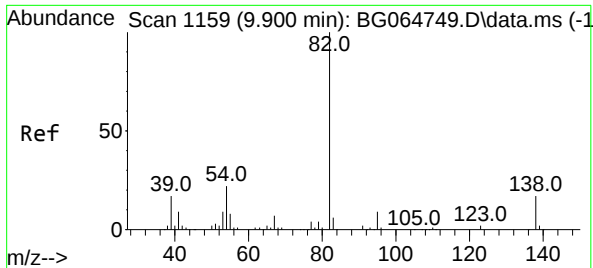
Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Tgt Ion: 77 Resp: 14701

Ion	Ratio	Lower	Upper
77	100		
123	46.3	36.5	54.7
65	15.9	13.5	20.3





#25
Isophorone
Concen: 3.965 ng
RT: 9.889 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

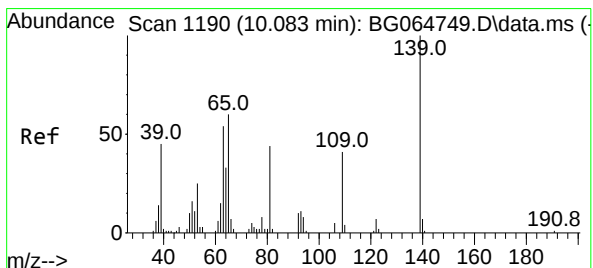
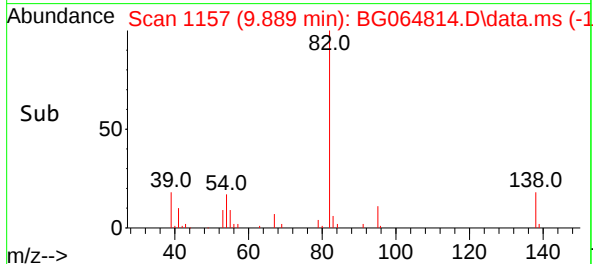
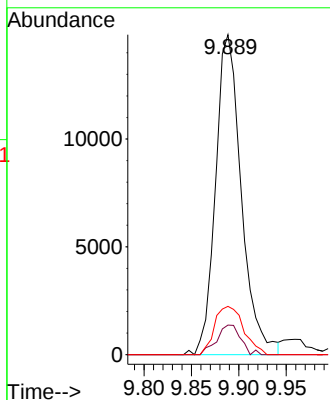
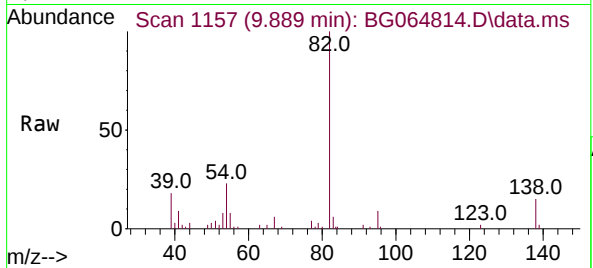
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion: 82 Resp: 28036
Ion Ratio Lower Upper
82 100
95 9.2 6.9 10.3
138 15.1 13.9 20.9

Manual Integrations
APPROVED

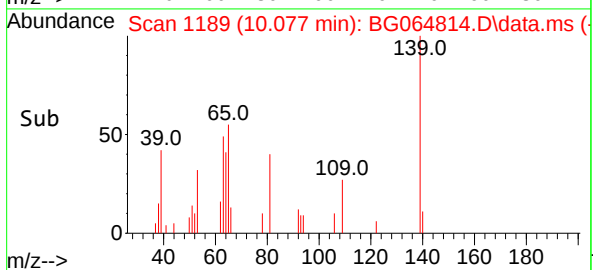
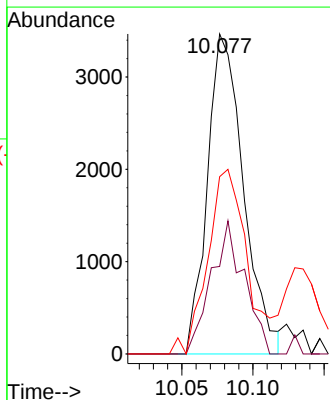
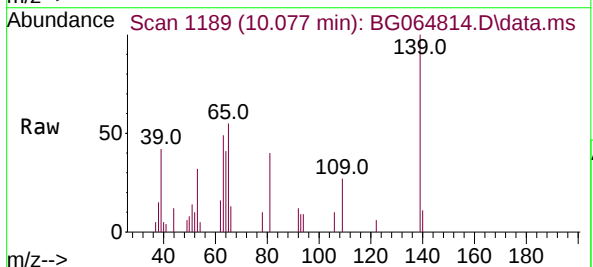
Reviewed By :Jagrut
Upadhyay
11/20/2025

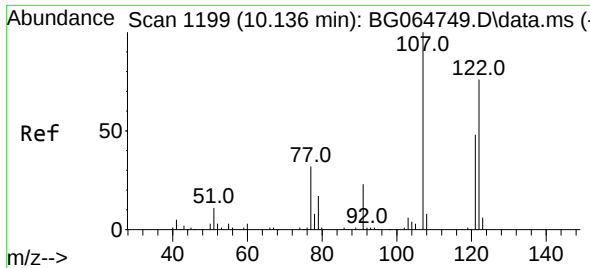
Supervised By :Sohil
Jodhani
11/20/2025



#26
2-Nitrophenol
Concen: 3.633 ng
RT: 10.077 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

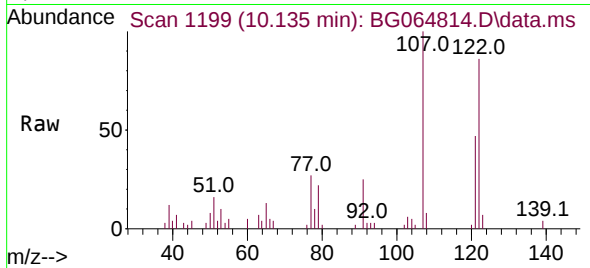
Tgt Ion:139 Resp: 6131
Ion Ratio Lower Upper
139 100
109 27.3 32.5 48.7#
65 55.4 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 3.727 ng
RT: 10.135 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

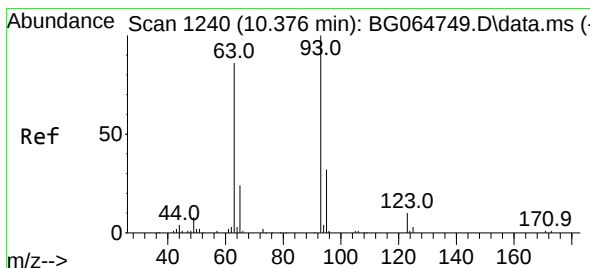
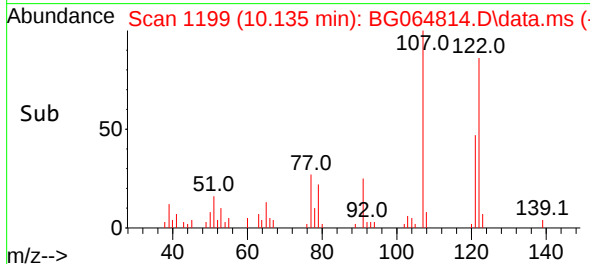
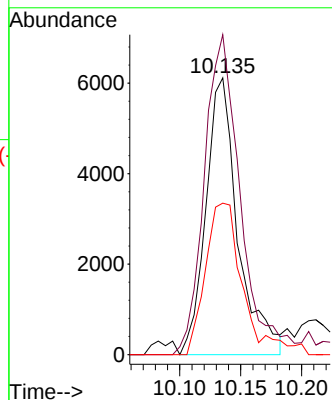


Tgt Ion:122 Resp: 11172
Ion Ratio Lower Upper
122 100
107 115.6 102.5 153.7
121 54.7 49.0 73.6

Manual Integrations
APPROVED

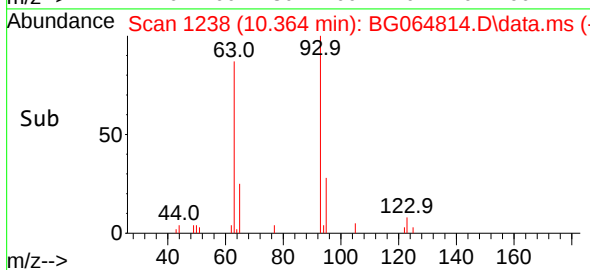
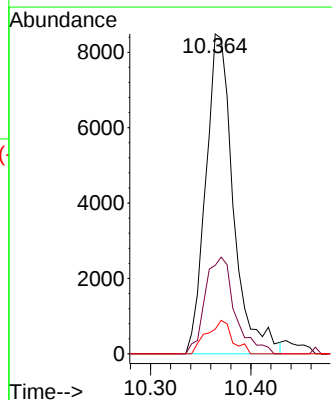
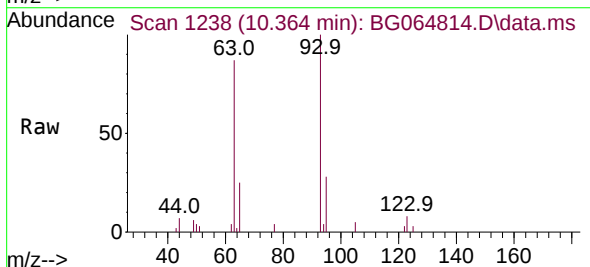
Reviewed By :Jagrut
Upadhyay
11/20/2025

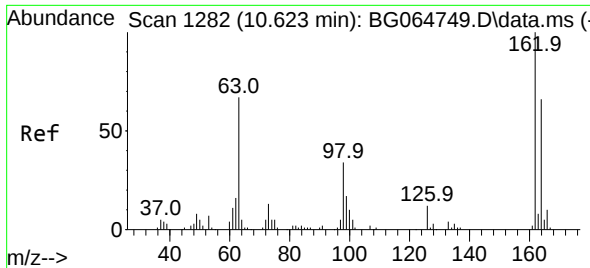
Supervised By :Sohil
Jodhani
11/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.169 ng
RT: 10.364 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

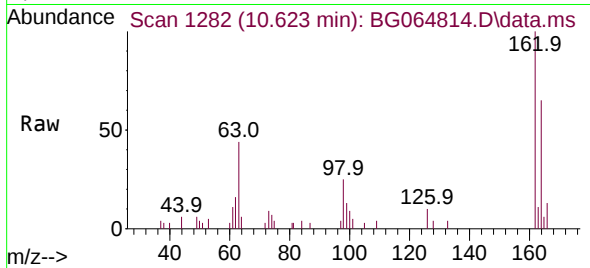
Tgt Ion: 93 Resp: 16181
Ion Ratio Lower Upper
93 100
95 27.7 25.4 38.2
123 7.7 8.1 12.1#





#29
2,4-Dichlorophenol
Concen: 3.747 ng
RT: 10.623 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

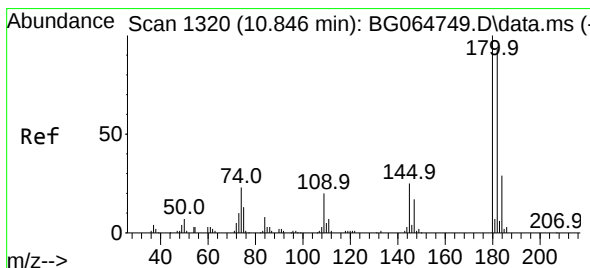
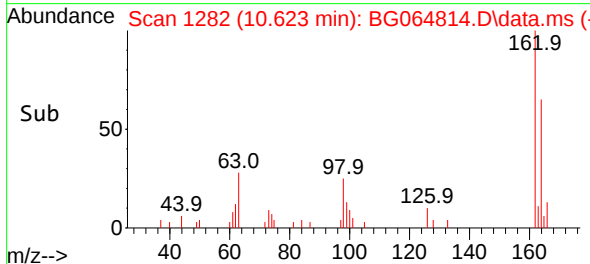
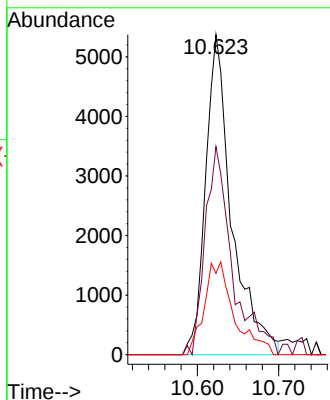


Tgt Ion:162 Resp: 12063
Ion Ratio Lower Upper
162 100
164 65.0 46.0 86.0
98 25.4 14.2 54.2

Manual Integrations
APPROVED

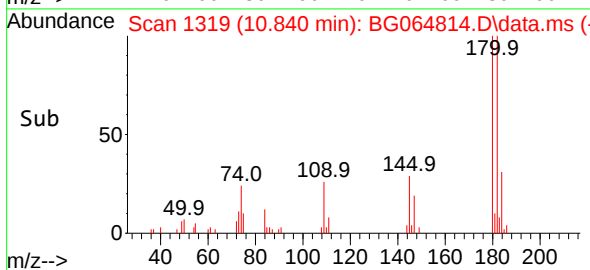
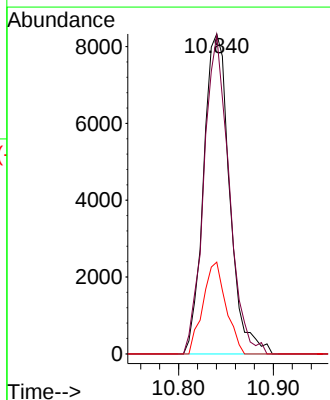
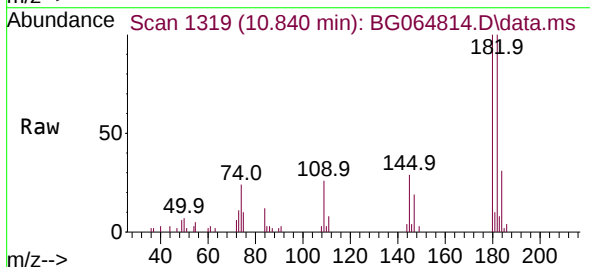
Reviewed By :Jagrut
Upadhyay
11/20/2025

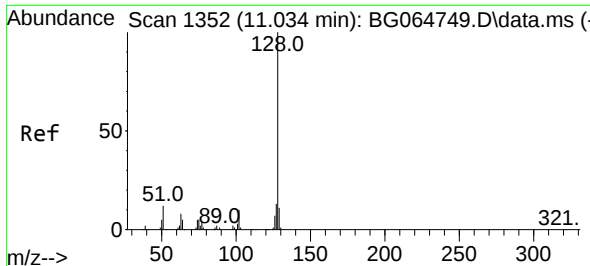
Supervised By :Sohil
Jodhani
11/20/2025



#30
1,2,4-Trichlorobenzene
Concen: 4.089 ng
RT: 10.840 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

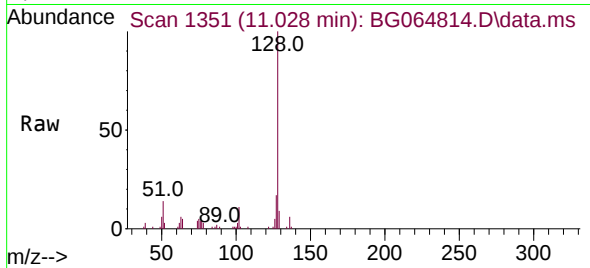
Tgt Ion:180 Resp: 15891
Ion Ratio Lower Upper
180 100
182 99.6 74.2 111.4
145 28.7 20.0 30.0





#31
Naphthalene
Concen: 4.105 ng
RT: 11.028 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

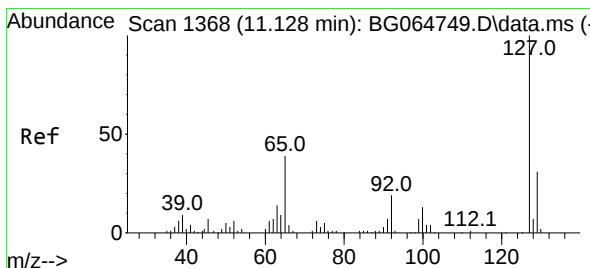
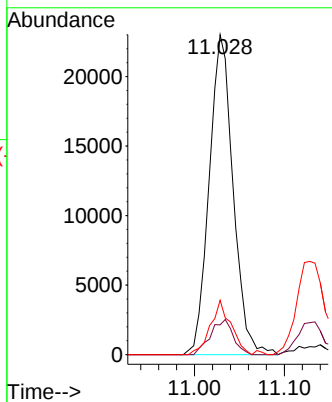
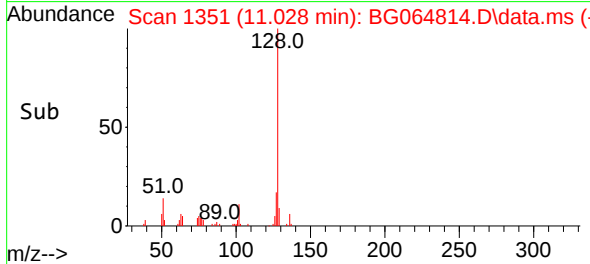


Tgt Ion:128 Resp: 42718
Ion Ratio Lower Upper
128 100
129 9.3 8.6 12.8
127 17.0 10.6 16.0

Manual Integrations
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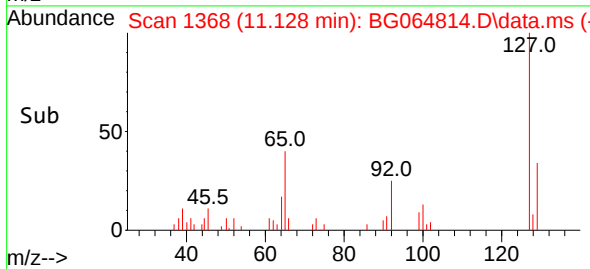
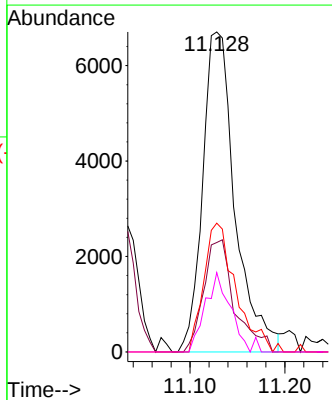
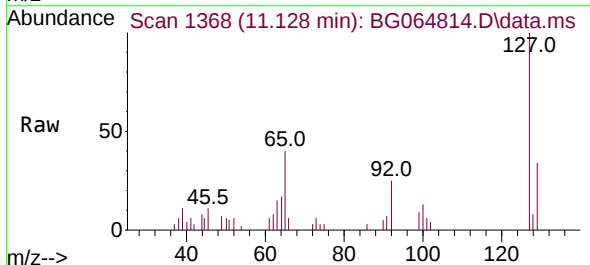
Reviewed By :Jagrut
Upadhyay
11/20/2025

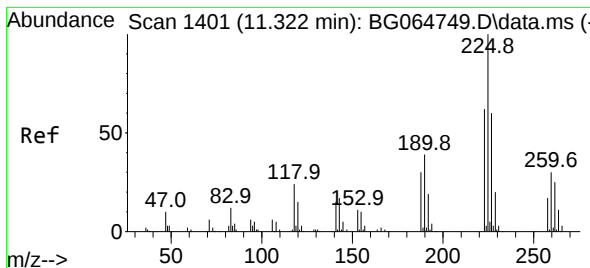
Supervised By :Sohil
Jodhani
11/20/2025



#33
4-Chloroaniline
Concen: 3.831 ng
RT: 11.128 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

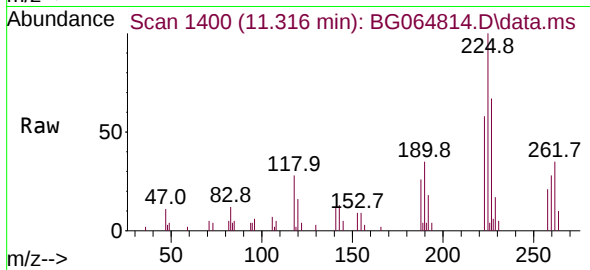
Tgt Ion:127 Resp: 15949
Ion Ratio Lower Upper
127 100
129 34.2 24.9 37.3
65 40.2 30.9 46.3
92 24.8 15.1 22.7





#34
Hexachlorobutadiene
Concen: 3.955 ng
RT: 11.316 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

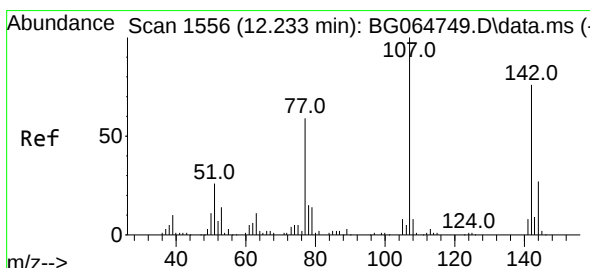
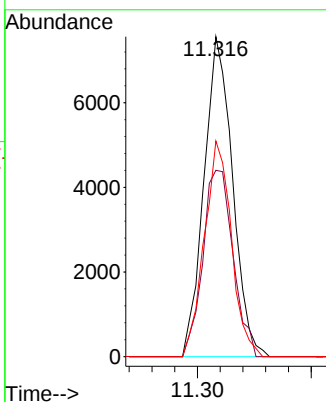
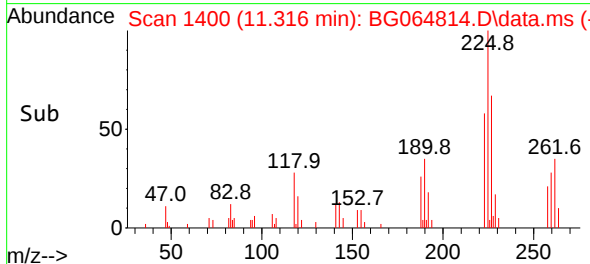


Tgt Ion:225 Resp: 13187
Ion Ratio Lower Upper
225 100
223 55.8 49.9 74.9
227 69.8 50.6 75.8

Manual Integrations
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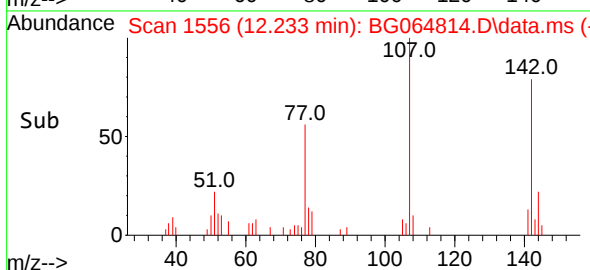
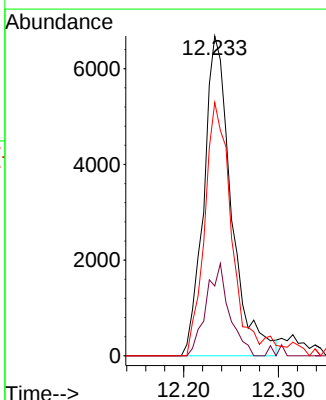
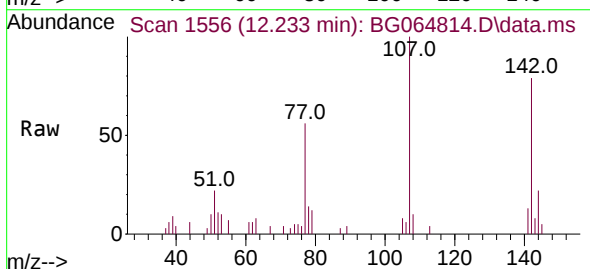
Reviewed By :Jagrut
Upadhyay
11/20/2025

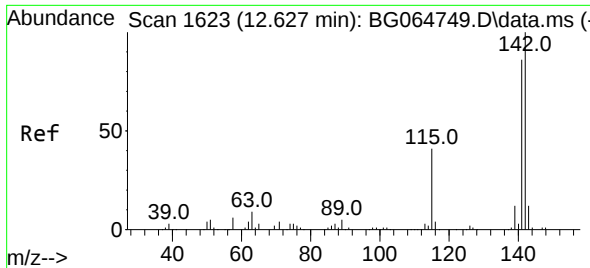
Supervised By :Sohil
Jodhani
11/20/2025



#36
4-Chloro-3-methylphenol
Concen: 3.777 ng
RT: 12.233 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:107 Resp: 13529
Ion Ratio Lower Upper
107 100
144 21.8 21.7 32.5
142 79.2 60.8 91.2





#37
2-Methylnaphthalene
Concen: 3.738 ng
RT: 12.621 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

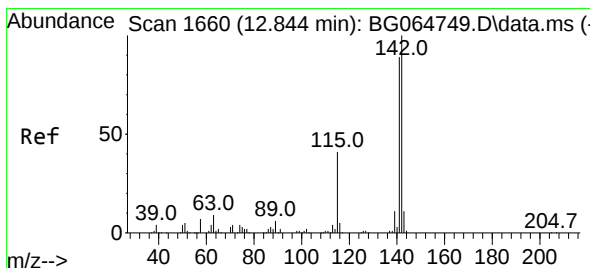
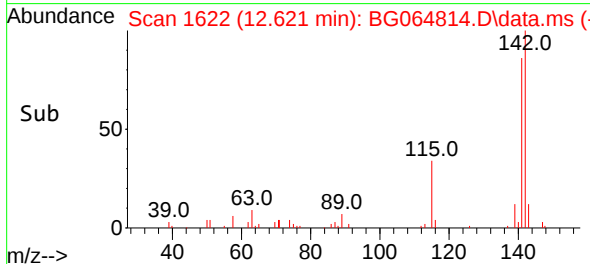
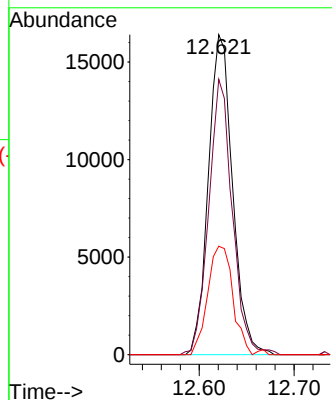
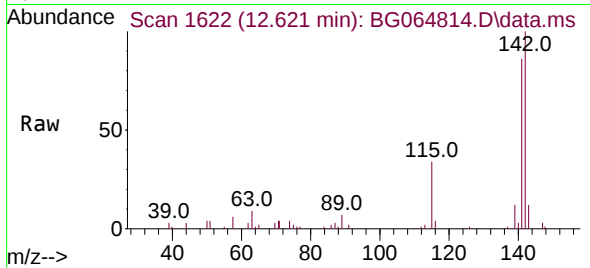
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:142 Resp: 29109
Ion Ratio Lower Upper
142 100
141 86.0 69.1 103.7
115 33.9 32.9 49.3

Manual Integrations
APPROVED

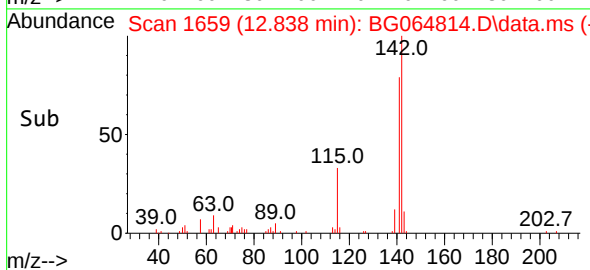
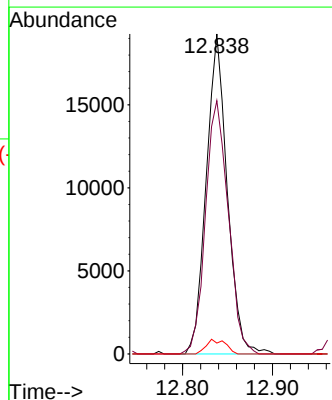
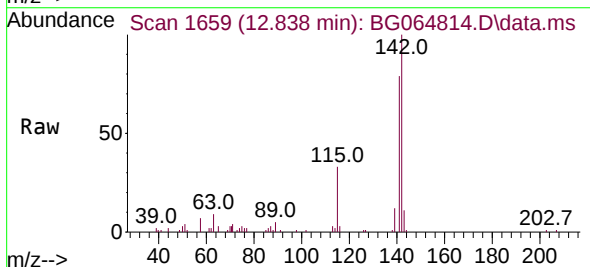
Reviewed By :Jagrut
Upadhyay
11/20/2025

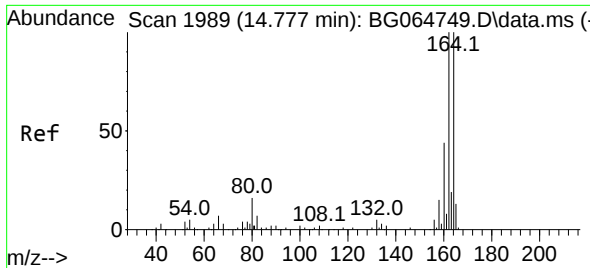
Supervised By :Sohil
Jodhani
11/20/2025



#38
1-Methylnaphthalene
Concen: 4.057 ng
RT: 12.838 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

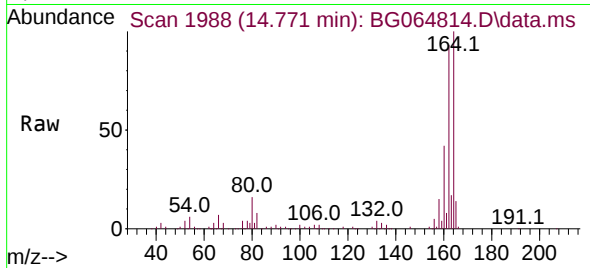
Tgt Ion:142 Resp: 31382
Ion Ratio Lower Upper
142 100
141 79.1 70.8 106.2
116 3.4 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.771 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

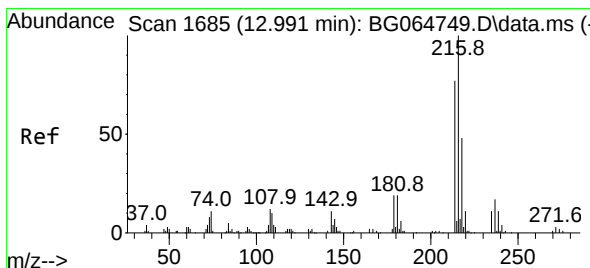
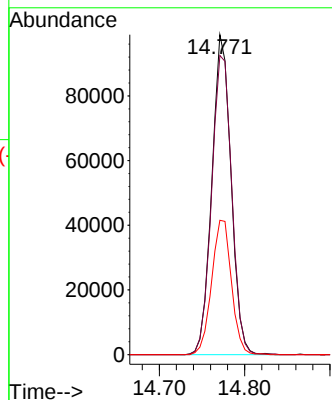
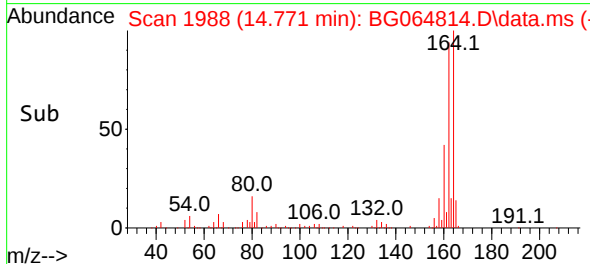


Tgt Ion:164 Resp: 154418
Ion Ratio Lower Upper
164 100
162 93.5 79.8 119.6
160 42.0 34.9 52.3

Manual Integrations
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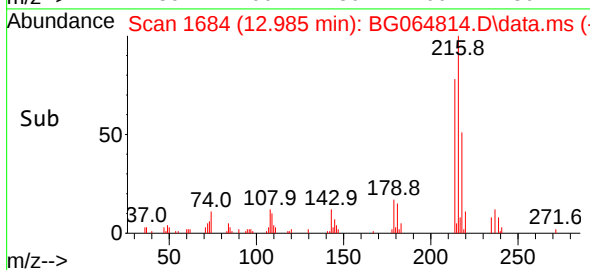
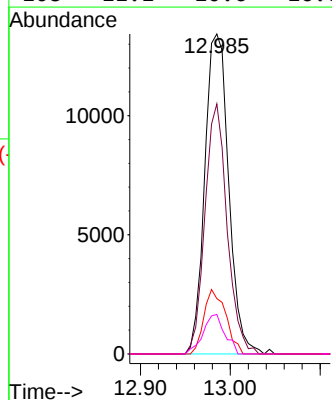
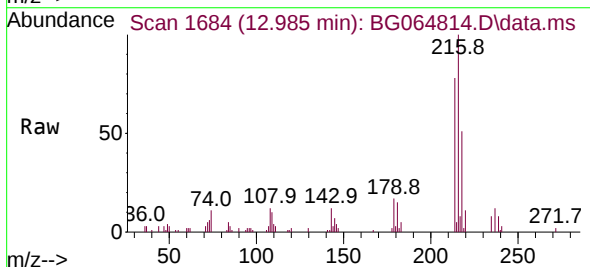
Reviewed By :Jagrut
Upadhyay
11/20/2025

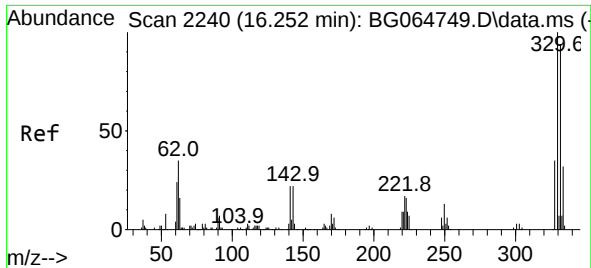
Supervised By :Sohil
Jodhani
11/20/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.141 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

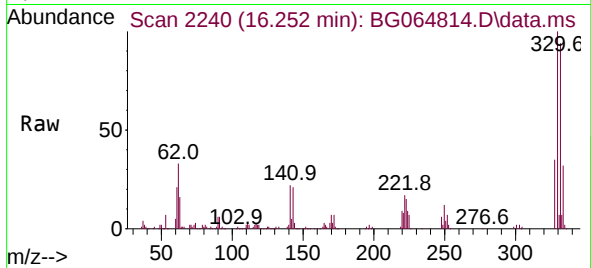
Tgt Ion:216 Resp: 24887
Ion Ratio Lower Upper
216 100
214 72.2 60.5 90.7
179 18.4 14.7 22.1
108 11.1 10.6 16.0





#42
2,4,6-Tribromophenol
Concen: 111.029 ng
RT: 16.252 min Scan# 2240
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

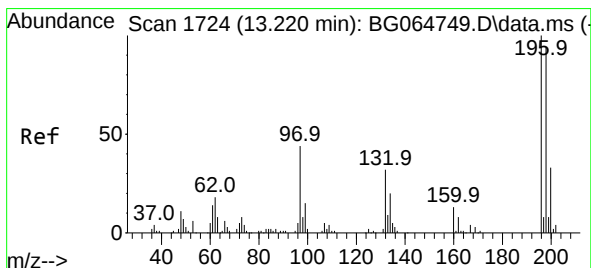
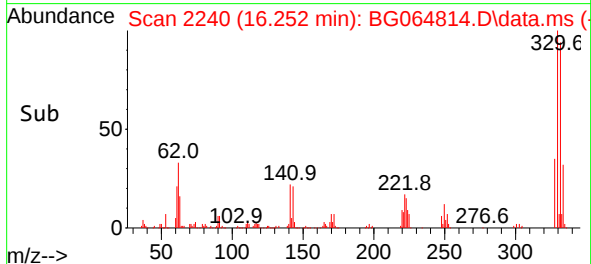
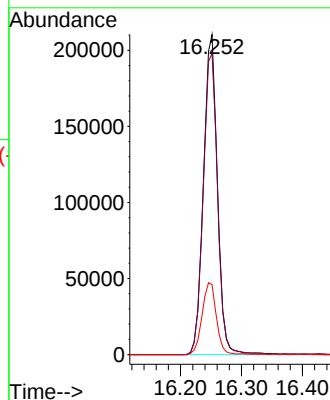


Tgt Ion:330 Resp: 334372
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 23.1 18.2 27.2

Manual Integrations
APPROVED

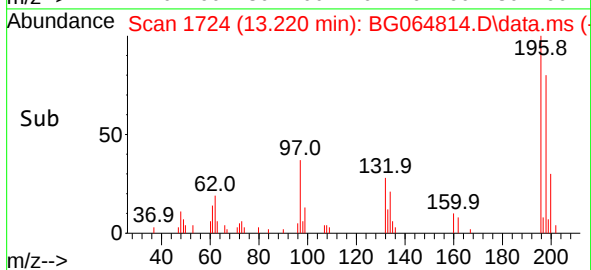
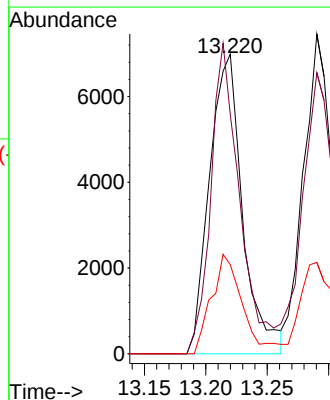
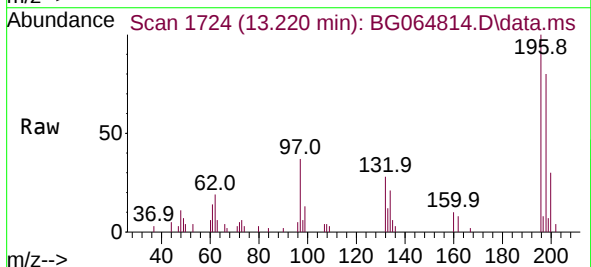
Reviewed By :Jagrut
Upadhyay
11/20/2025

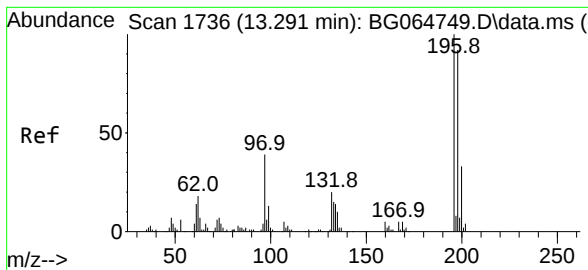
Supervised By :Sohil
Jodhani
11/20/2025



#43
2,4,6-Trichlorophenol
Concen: 3.722 ng m
RT: 13.220 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

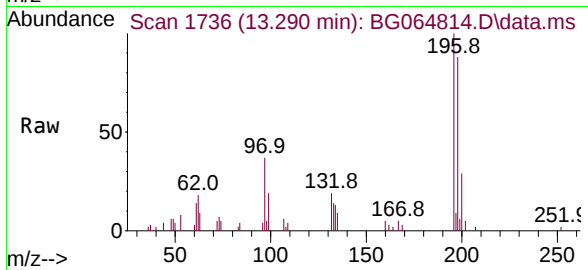
Tgt Ion:196 Resp: 13126
Ion Ratio Lower Upper
196 100
198 79.8 75.3 112.9
200 29.8 26.2 39.2





#44
2,4,5-Trichlorophenol
Concen: 3.111 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

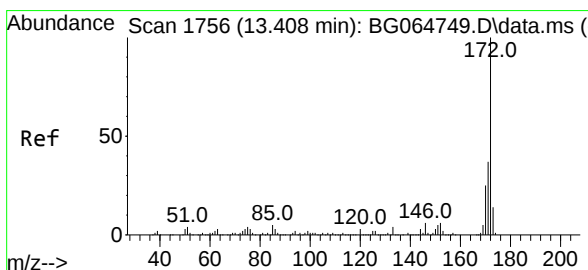
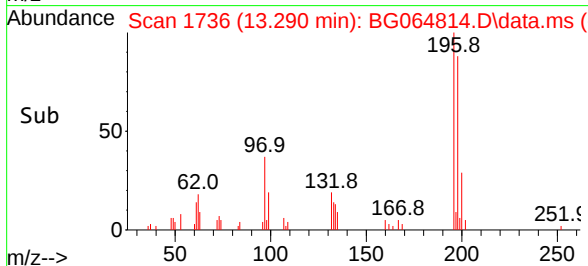
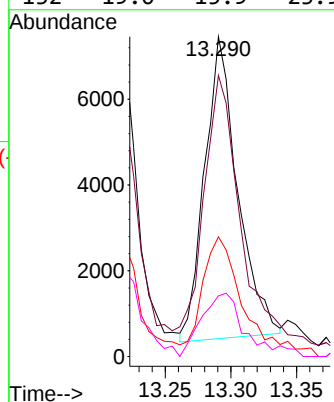


Tgt Ion:196 Resp: 12308
Ion Ratio Lower Upper
196 100
198 87.9 73.2 109.8
97 37.4 31.4 47.0
132 19.0 15.9 23.9

Manual Integrations
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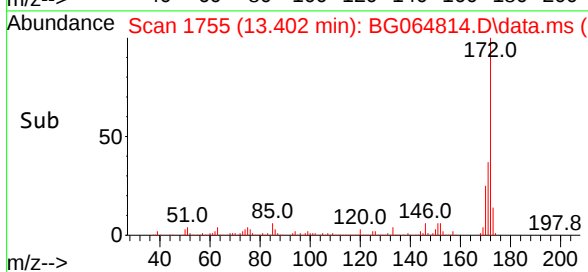
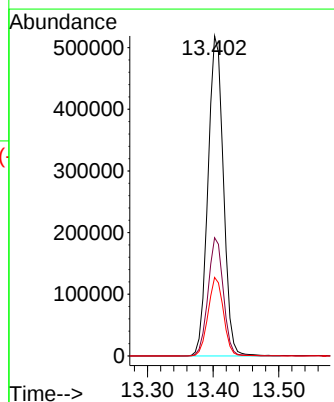
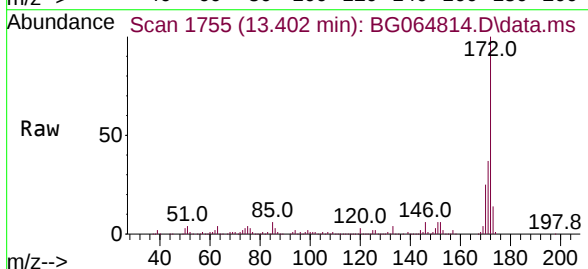
Reviewed By :Jagrut
Upadhyay
11/20/2025

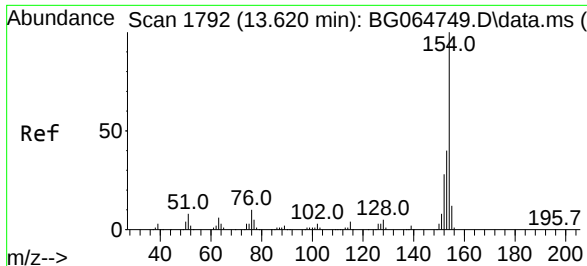
Supervised By :Sohil
Jodhani
11/20/2025



#45
2-Fluorobiphenyl
Concen: 76.297 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

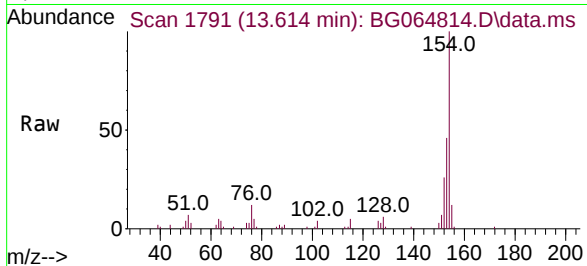
Tgt Ion:172 Resp: 844356
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.5 19.8 29.6





#46
1,1'-Biphenyl
Concen: 4.087 ng
RT: 13.614 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

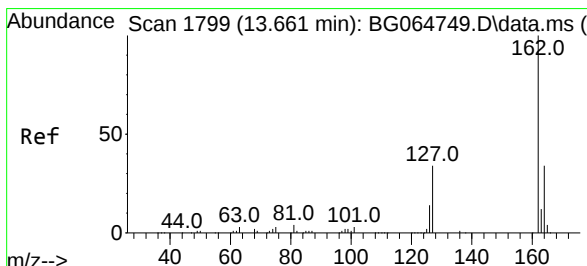
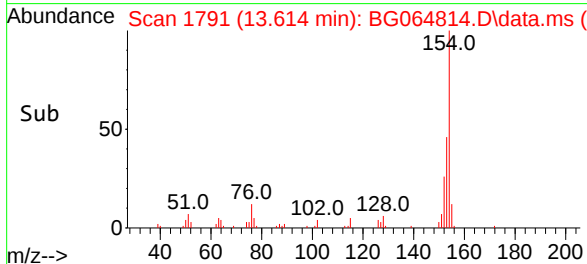
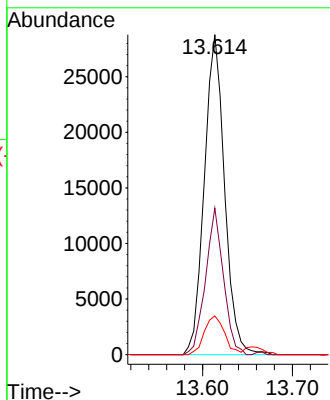


Tgt Ion:154 Resp: 45325
Ion Ratio Lower Upper
154 100
153 45.8 19.8 59.8
76 12.1 0.0 30.0

Manual Integrations
APPROVED

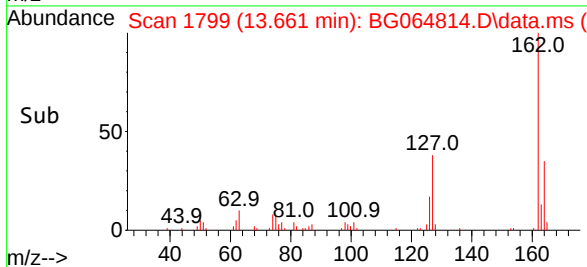
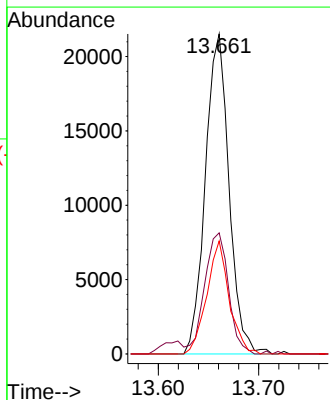
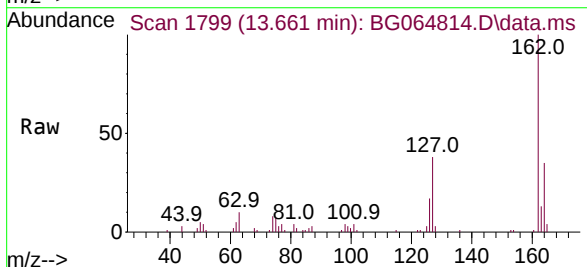
Reviewed By :Jagrut
Upadhyay
11/20/2025

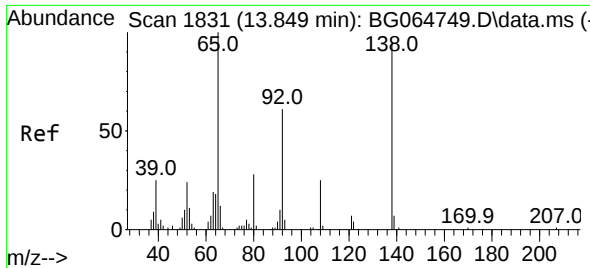
Supervised By :Sohil
Jodhani
11/20/2025



#47
2-Chloronaphthalene
Concen: 4.037 ng
RT: 13.661 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

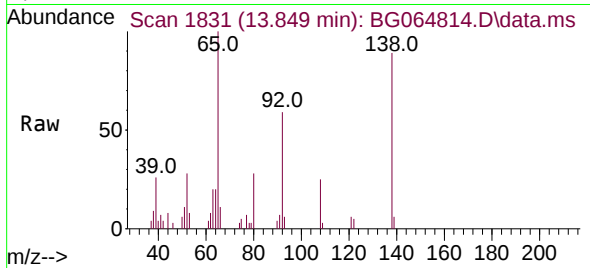
Tgt Ion:162 Resp: 35277
Ion Ratio Lower Upper
162 100
127 37.8 30.3 45.5
164 35.3 26.8 40.2





#48
2-Nitroaniline
Concen: 3.752 ng
RT: 13.849 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

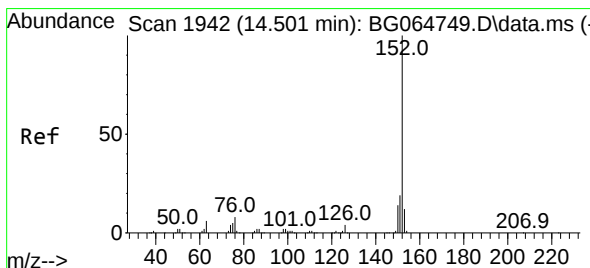
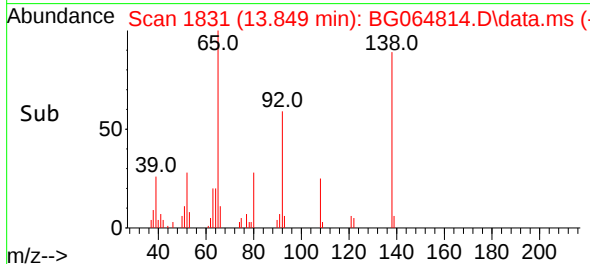
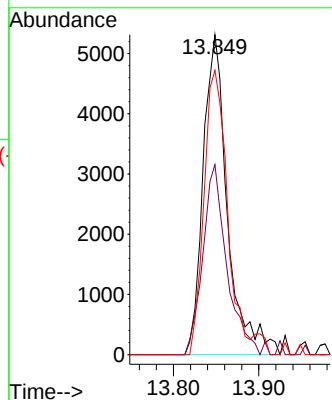


Tgt Ion: 65 Resp: 10545
Ion Ratio Lower Upper
65 100
92 59.4 48.6 73.0
138 88.8 76.4 114.6

Manual Integrations
APPROVED

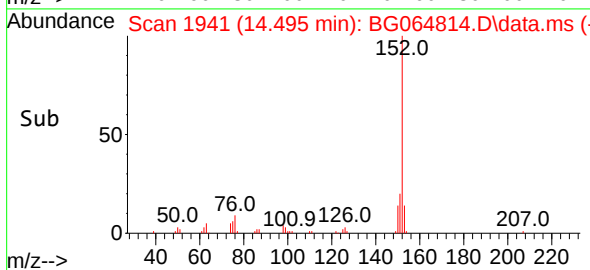
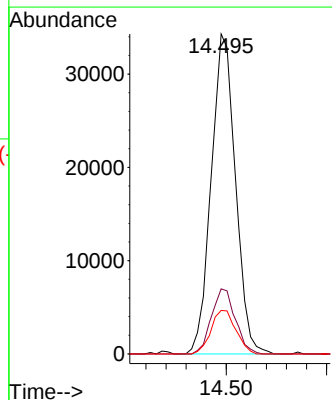
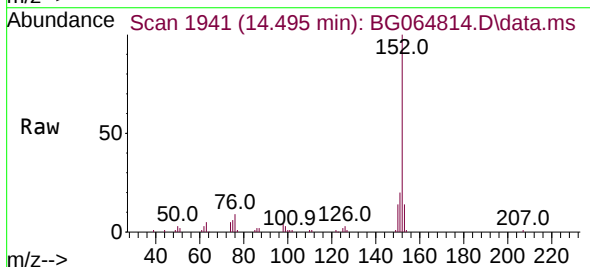
Reviewed By :Jagrut
Upadhyay
11/20/2025

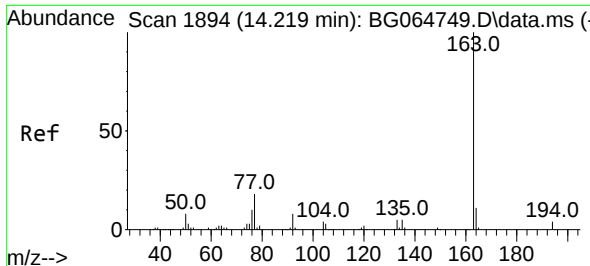
Supervised By :Sohil
Jodhani
11/20/2025



#49
Acenaphthylene
Concen: 3.859 ng
RT: 14.495 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

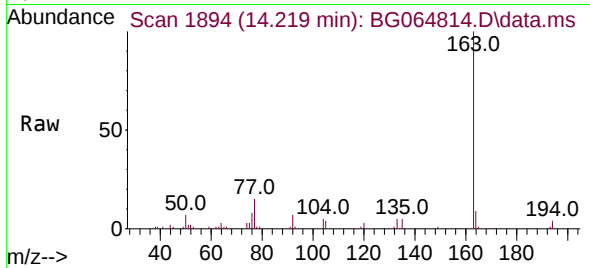
Tgt Ion:152 Resp: 57608
Ion Ratio Lower Upper
152 100
151 20.3 15.0 22.4
153 13.6 9.9 14.9





#50
Dimethylphthalate
Concen: 4.090 ng
RT: 14.219 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

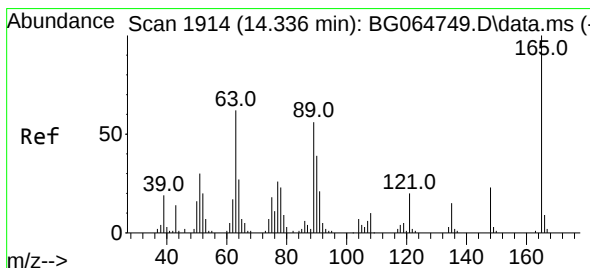
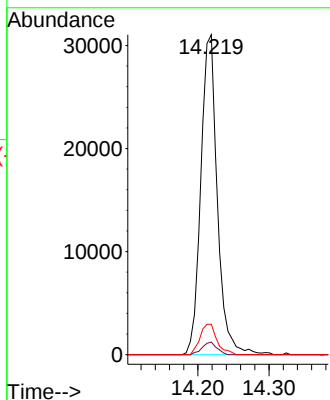
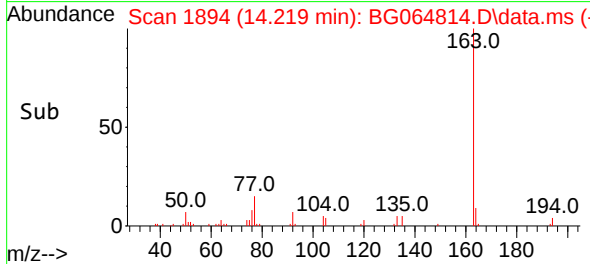


Tgt Ion:163 Resp: 49895
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.5 8.6 12.8

Manual Integrations
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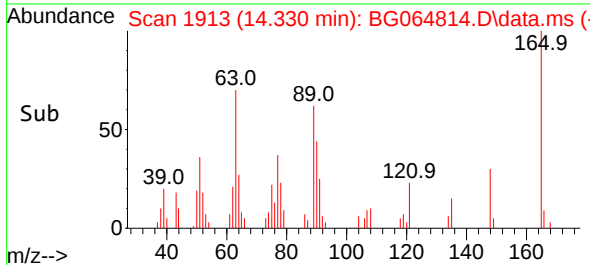
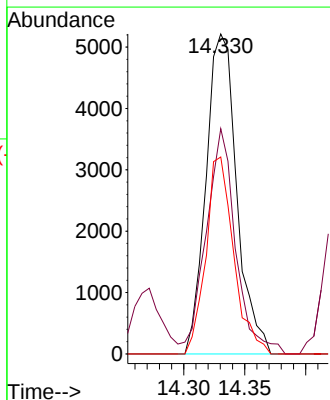
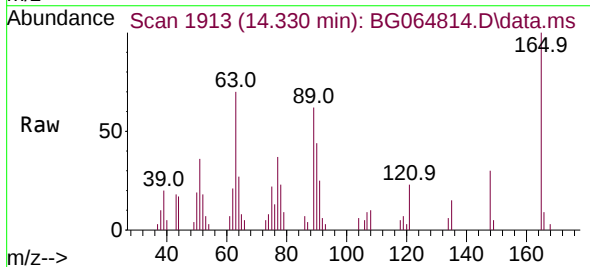
Reviewed By :Jagrut
Upadhyay
11/20/2025

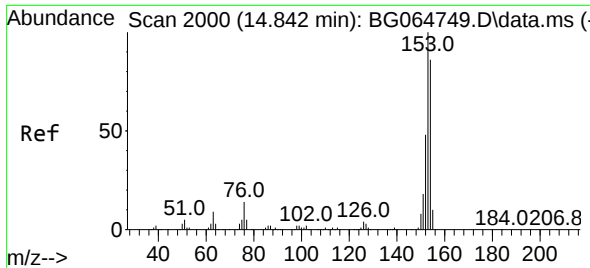
Supervised By :Sohil
Jodhani
11/20/2025



#51
2,6-Dinitrotoluene
Concen: 3.900 ng
RT: 14.330 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

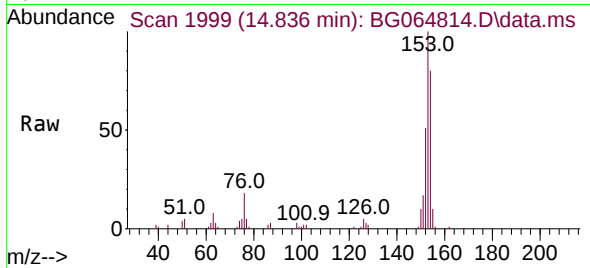
Tgt Ion:165 Resp: 9155
Ion Ratio Lower Upper
165 100
63 70.4 49.8 74.8
89 61.5 45.0 67.4





#52
Acenaphthene
Concen: 3.960 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

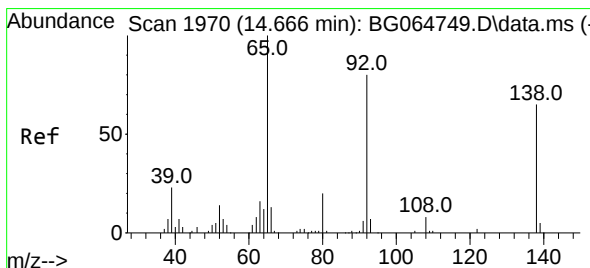
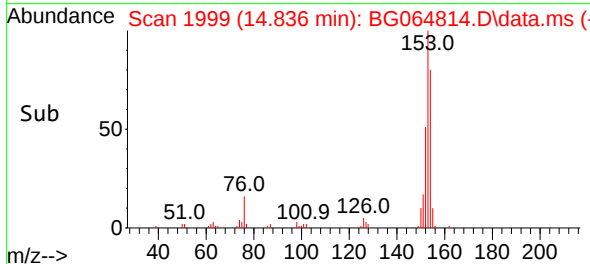
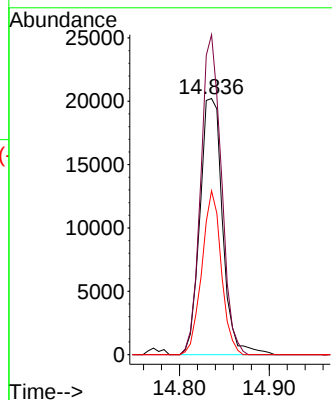


Tgt Ion:154 Resp: 35446
Ion Ratio Lower Upper
154 100
153 124.9 93.0 139.4
152 63.9 44.4 66.6

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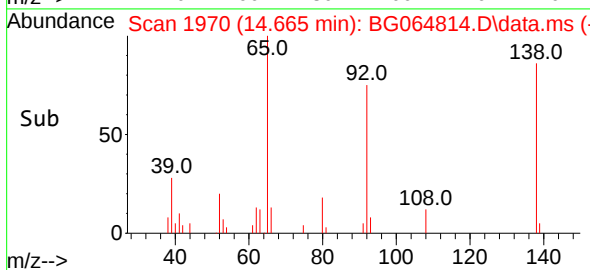
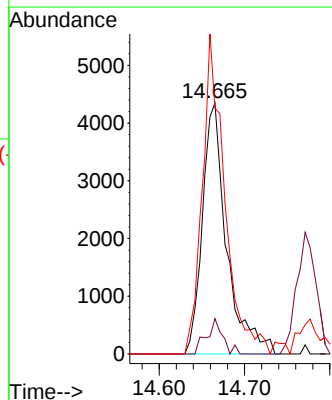
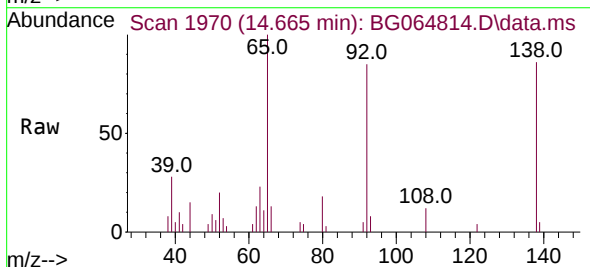
Reviewed By :Jagrut
Upadhyay
11/20/2025

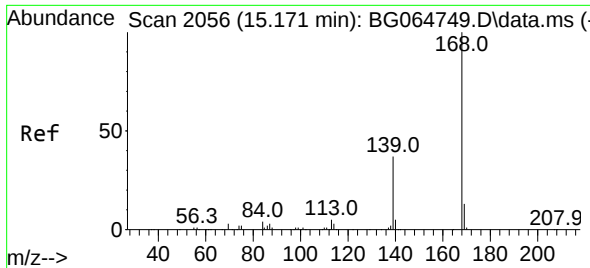
Supervised By :Sohil
Jodhani
11/20/2025



#53
3-Nitroaniline
Concen: 3.689 ng
RT: 14.665 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

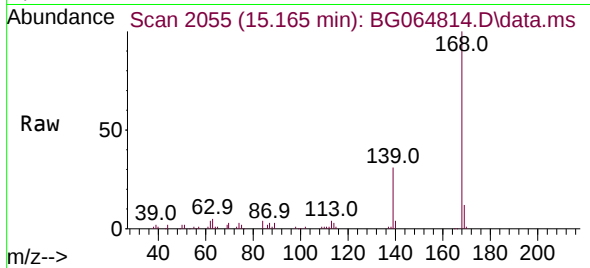
Tgt Ion:138 Resp: 8547
Ion Ratio Lower Upper
138 100
108 14.1 9.5 14.3
92 98.0 99.0 148.4#





#55
Dibenzenofuran
Concen: 4.071 ng
RT: 15.165 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

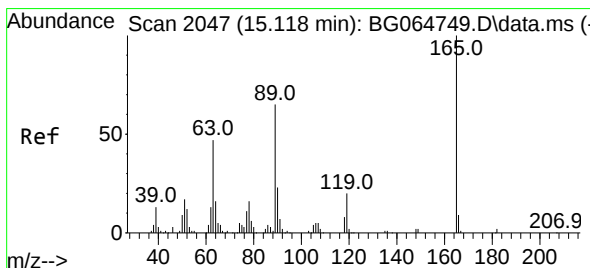
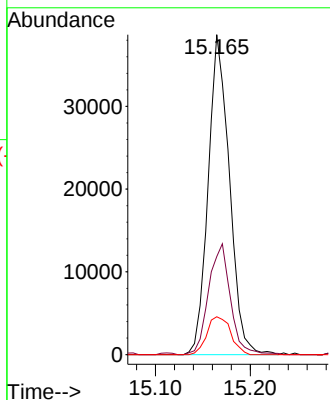
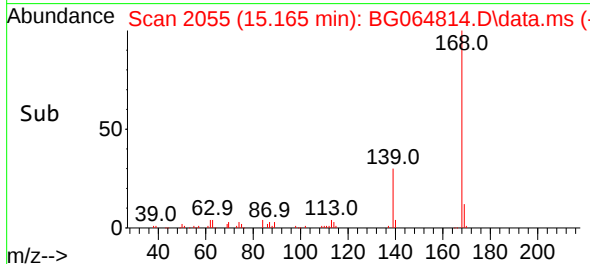


Tgt Ion:168 Resp: 60236
Ion Ratio Lower Upper
168 100
139 30.6 29.5 44.3
169 11.8 10.4 15.6

Manual Integrations
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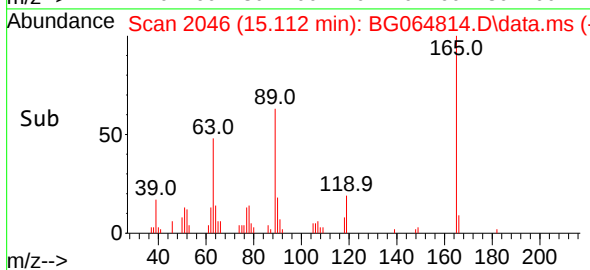
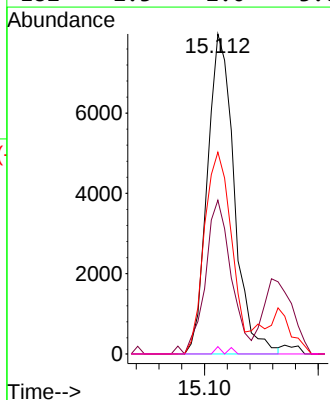
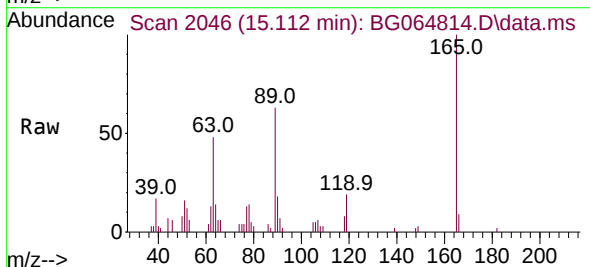
Reviewed By :Jagrut
Upadhyay
11/20/2025

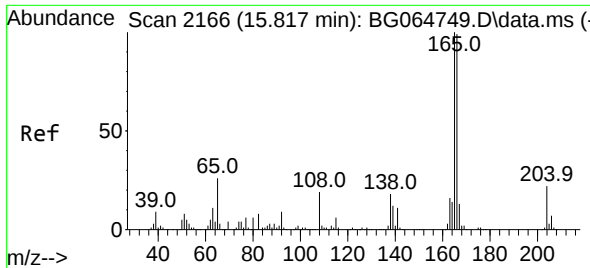
Supervised By :Sohil
Jodhani
11/20/2025



#57
2,4-Dinitrotoluene
Concen: 3.707 ng
RT: 15.112 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

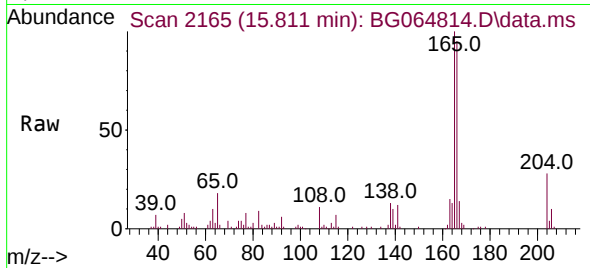
Tgt Ion:165 Resp: 13044
Ion Ratio Lower Upper
165 100
63 48.1 37.8 56.6
89 63.0 51.6 77.4
182 2.3 2.0 3.0





#58
Fluorene
Concen: 4.141 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

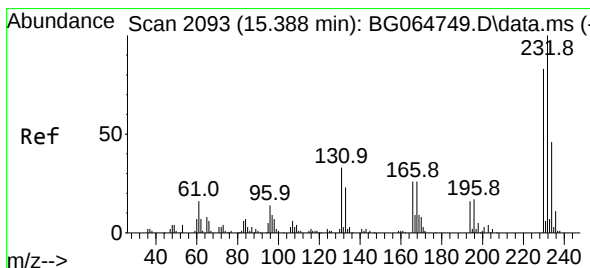
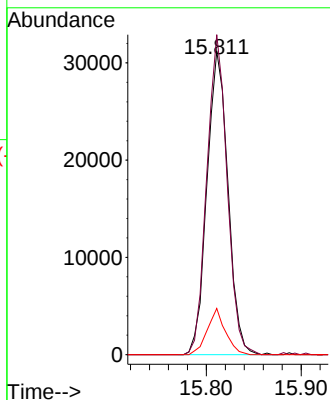
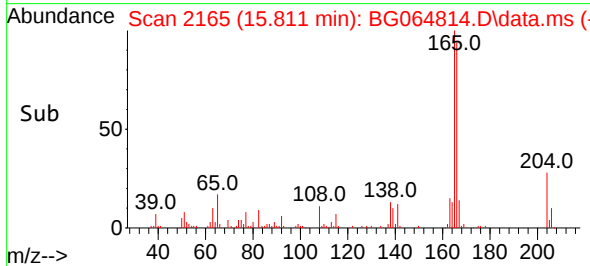


Tgt Ion:166 Resp: 48056
Ion Ratio Lower Upper
166 100
165 105.4 80.5 120.7
167 15.2 10.3 15.5

Manual Integrations
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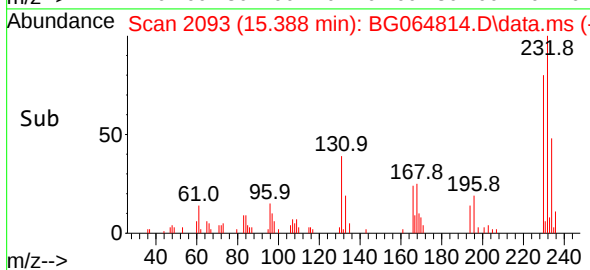
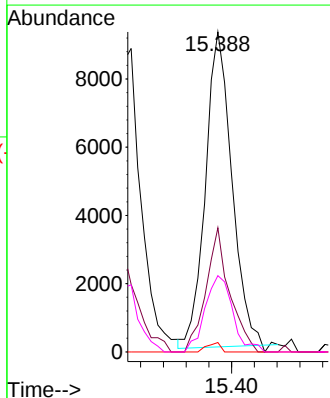
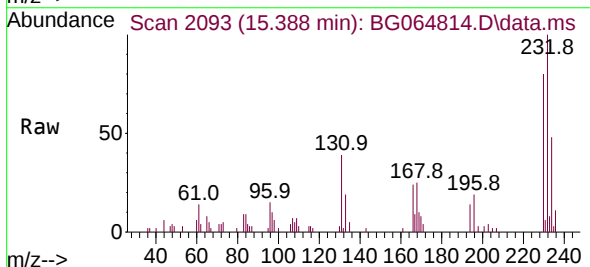
Reviewed By :Jagrut
Upadhyay
11/20/2025

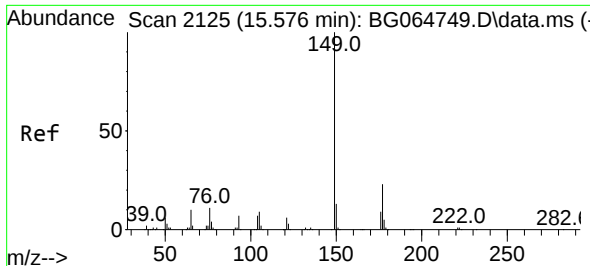
Supervised By :Sohil
Jodhani
11/20/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.813 ng
RT: 15.388 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

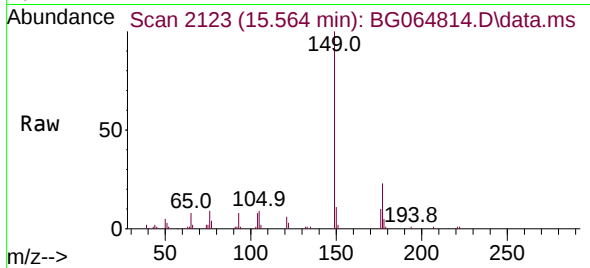
Tgt Ion:232 Resp: 14882
Ion Ratio Lower Upper
232 100
131 35.3 26.0 39.0
130 1.5 1.6 2.4#
166 25.4 19.8 29.6





#60
Diethylphthalate
Concen: 4.070 ng
RT: 15.564 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

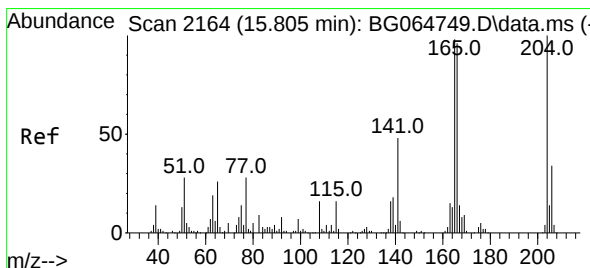
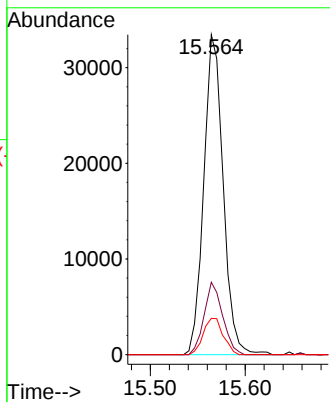
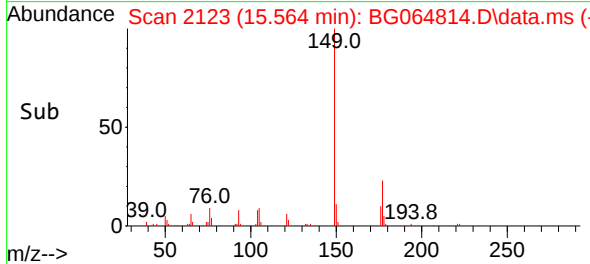


Tgt Ion:149 Resp: 47564
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 11.3 10.1 15.1

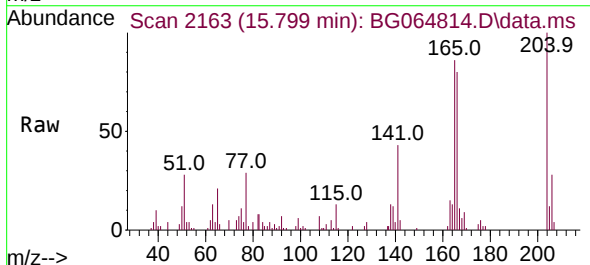
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
11/20/2025

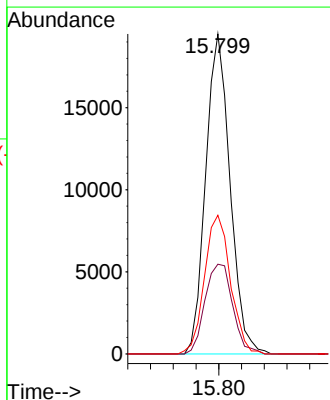
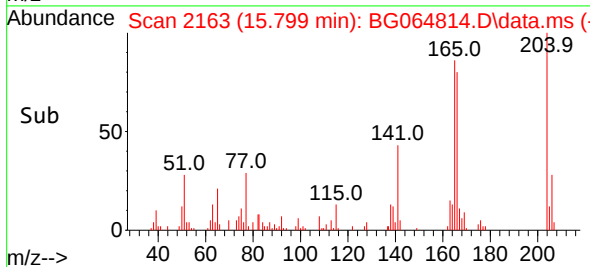
Supervised By :Sohil
Jodhani
11/20/2025

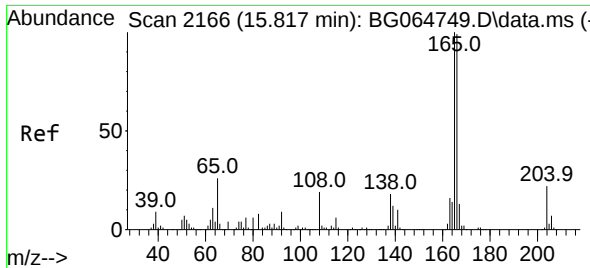


#61
4-Chlorophenyl-phenylether
Concen: 4.157 ng
RT: 15.799 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51



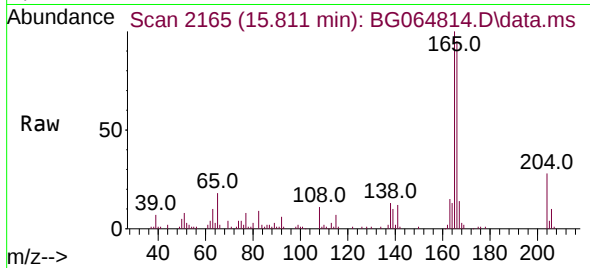
Tgt Ion:204 Resp: 28956
Ion Ratio Lower Upper
204 100
206 28.0 26.9 40.3
141 43.3 38.1 57.1





#62
4-Nitroaniline
Concen: 3.493 ng
RT: 15.811 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

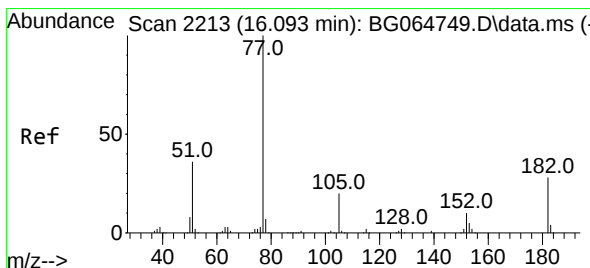
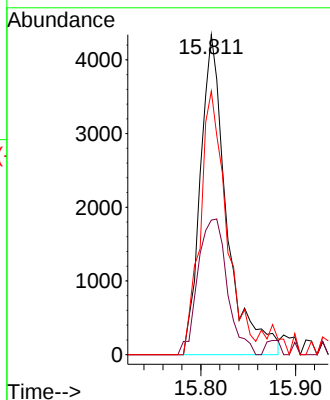
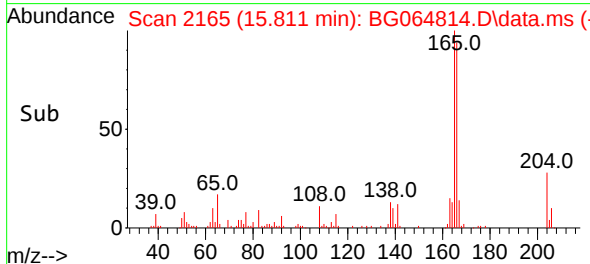


Tgt Ion:138 Resp: 838
Ion Ratio Lower Upper
138 100
92 42.0 30.7 70.7
108 82.3 85.7 125.7

Manual Integrations
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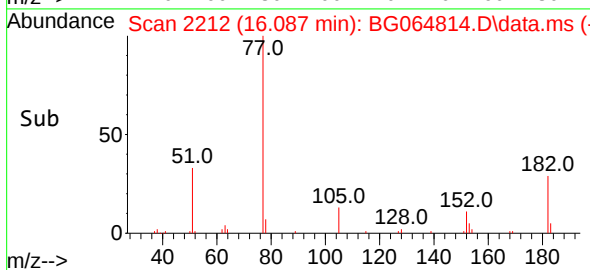
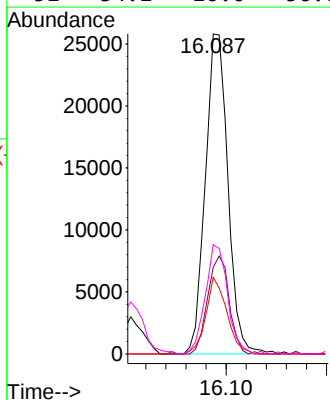
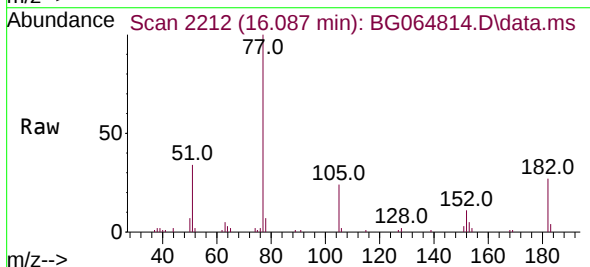
Reviewed By :Jagrut
Upadhyay
11/20/2025

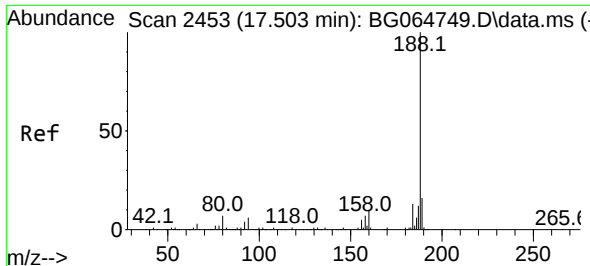
Supervised By :Sohil
Jodhani
11/20/2025



#63
Azobenzene
Concen: 4.150 ng
RT: 16.087 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

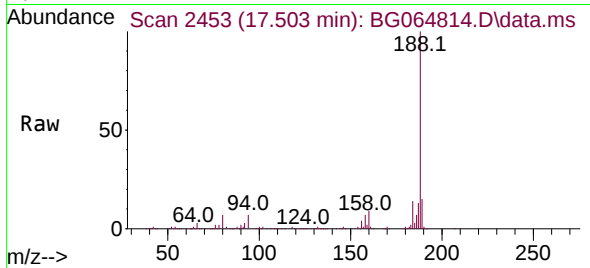
Tgt Ion: 77 Resp: 40338
Ion Ratio Lower Upper
77 100
182 27.1 8.1 48.1
105 24.0 0.1 40.1
51 34.1 16.0 56.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

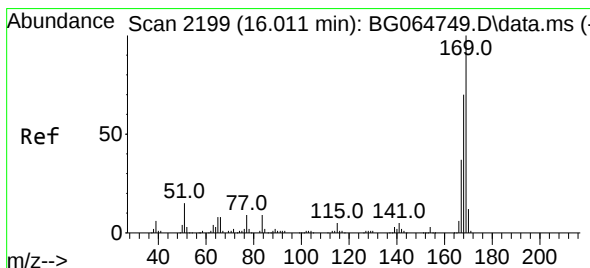
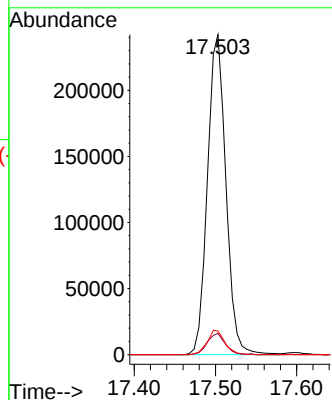


Tgt Ion:188 Resp: 382376
Ion Ratio Lower Upper
188 100
94 6.6 4.7 7.1
80 7.3 5.4 8.2

Manual Integrations
APPROVED

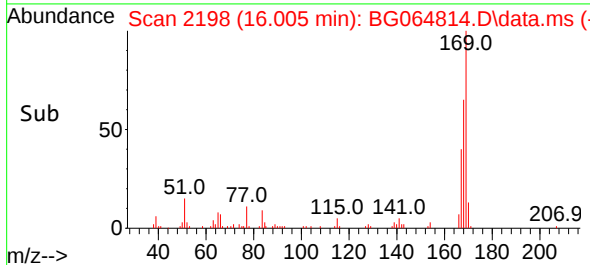
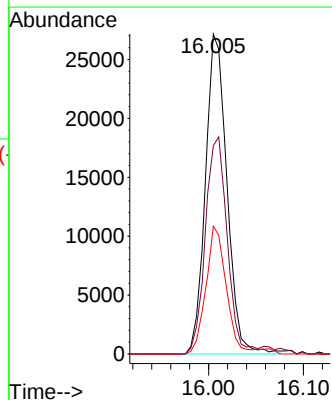
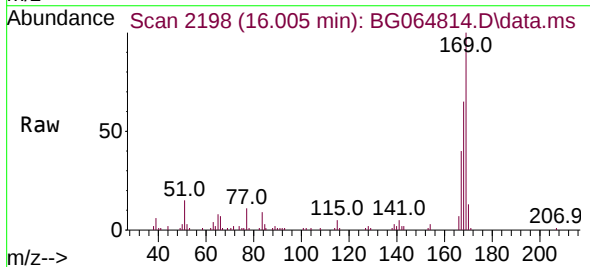
Reviewed By :Jagrut
Upadhyay
11/20/2025

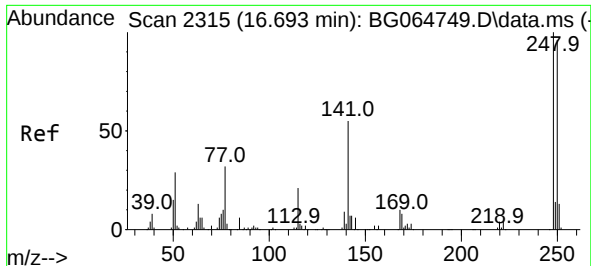
Supervised By :Sohil
Jodhani
11/20/2025



#66
n-Nitrosodiphenylamine
Concen: 4.279 ng
RT: 16.005 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

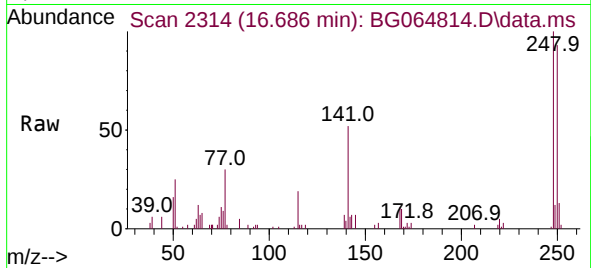
Tgt Ion:169 Resp: 42856
Ion Ratio Lower Upper
169 100
168 65.1 55.9 83.9
167 39.9 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 4.261 ng
RT: 16.686 min Scan# 2314
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

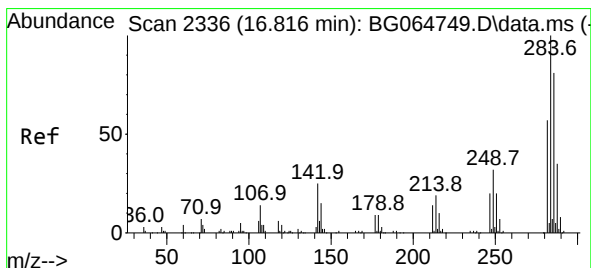
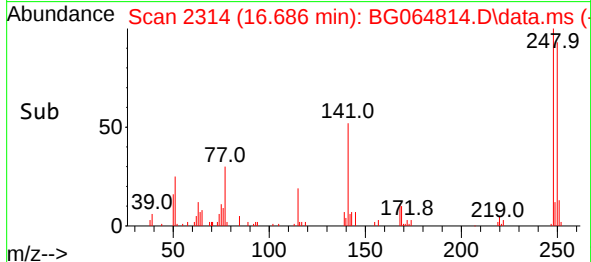
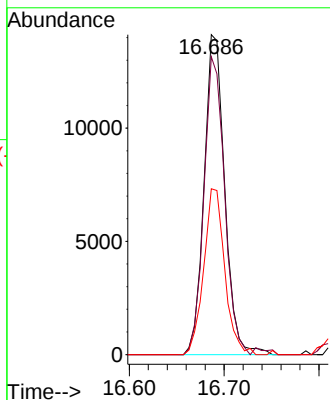


Tgt Ion:248 Resp: 21397
Ion Ratio Lower Upper
248 100
250 93.1 77.0 115.6
141 51.8 43.7 65.5

Manual Integrations
APPROVED

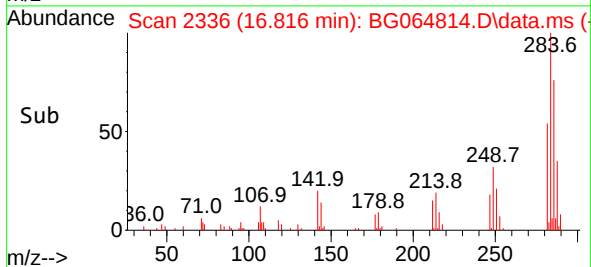
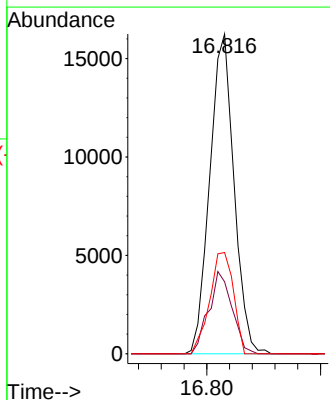
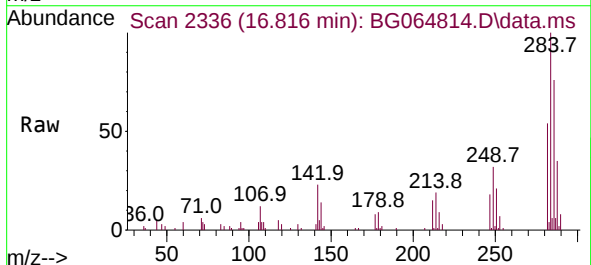
Reviewed By :Jagrut
Upadhyay
11/20/2025

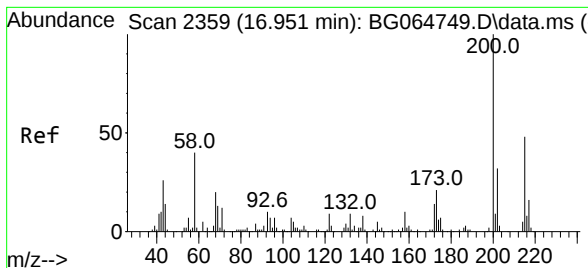
Supervised By :Sohil
Jodhani
11/20/2025



#68
Hexachlorobenzene
Concen: 3.949 ng
RT: 16.816 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

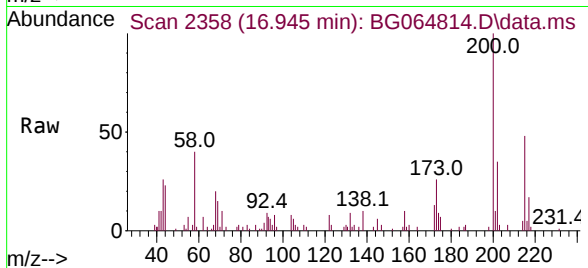
Tgt Ion:284 Resp: 24023
Ion Ratio Lower Upper
284 100
142 22.5 19.7 29.5
249 31.7 28.1 42.1





#69
Atrazine
Concen: 3.778 ng
RT: 16.945 min Scan# 2359
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

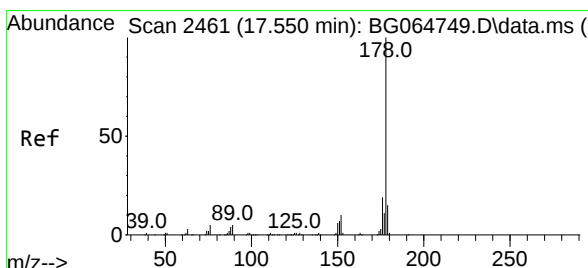
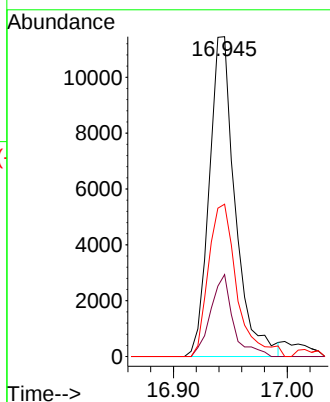
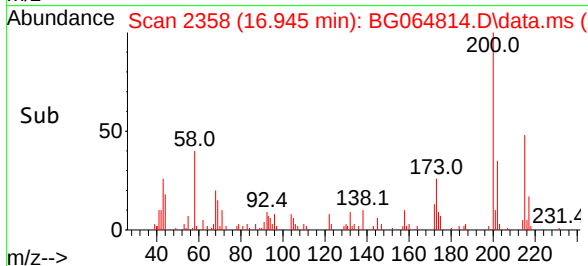


Tgt Ion:200 Resp: 18244
Ion Ratio Lower Upper
200 100
173 25.6 0.9 40.9
215 47.6 27.5 67.5

Manual Integrations
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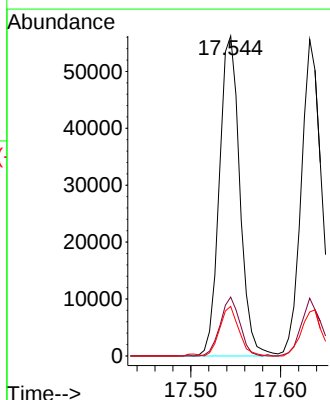
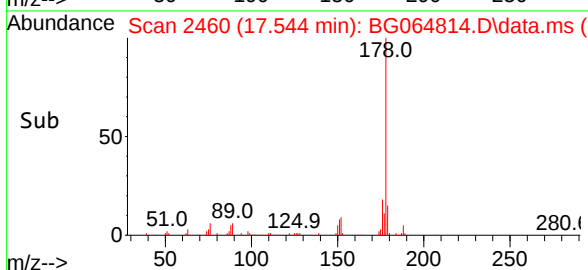
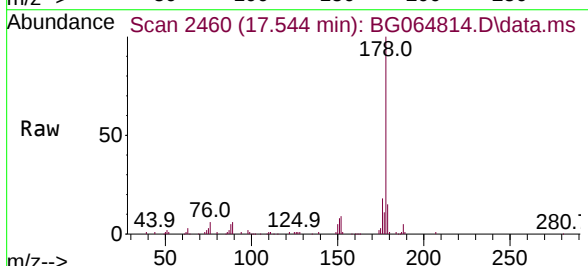
Reviewed By :Jagrut
Upadhyay
11/20/2025

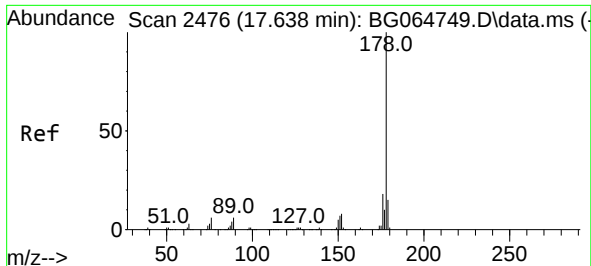
Supervised By :Sohil
Jodhani
11/20/2025



#71
Phenanthrene
Concen: 4.259 ng
RT: 17.544 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

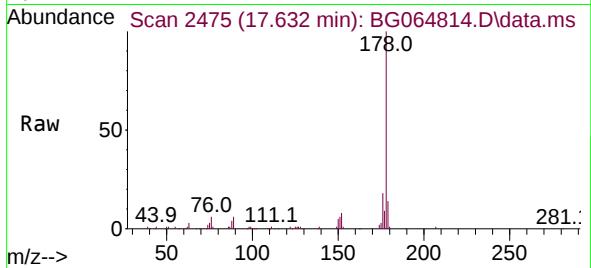
Tgt Ion:178 Resp: 89099
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.2 18.4





#72
 Anthracene
 Concen: 4.177 ng
 RT: 17.632 min Scan# 2476
 Delta R.T. -0.006 min
 Lab File: BG064814.D
 Acq: 19 Nov 2025 13:51

Instrument : BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

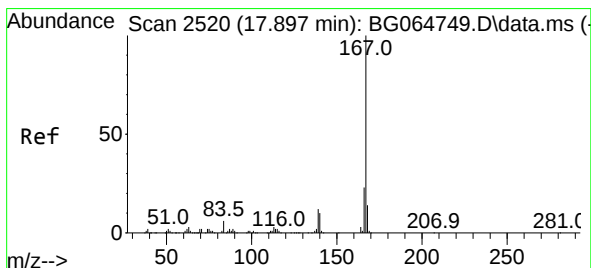
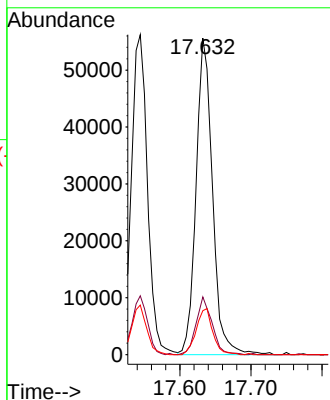
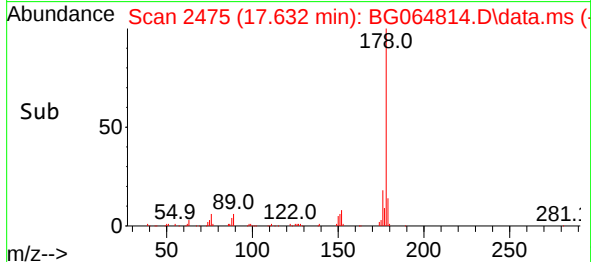


Tgt Ion:178 Resp: 89101
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.5 21.7
 179 13.9 12.2 18.4

Manual Integrations
 APPROVED

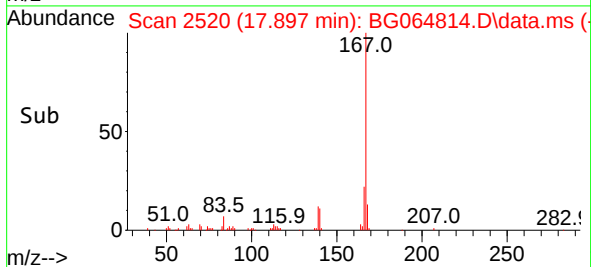
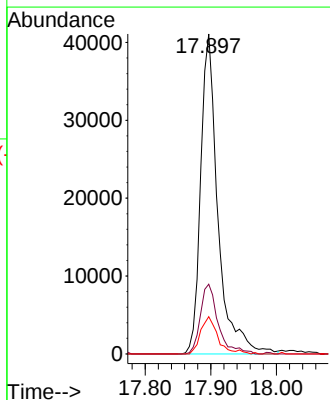
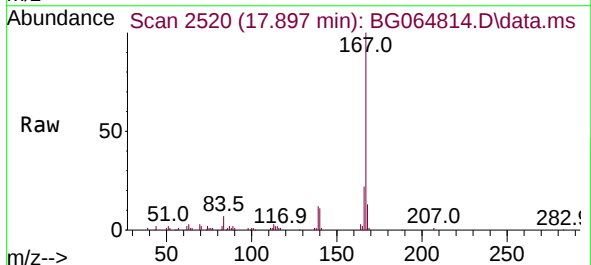
Reviewed By :Jagrut
 Upadhyay
 11/20/2025

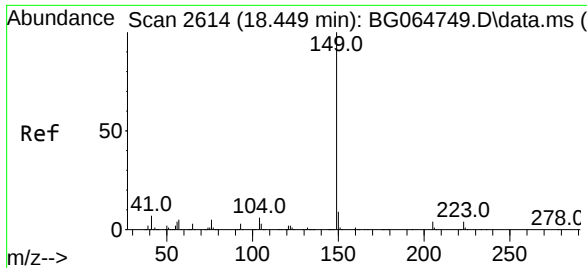
Supervised By :Sohil
 Jodhani
 11/20/2025



#73
 Carbazole
 Concen: 4.080 ng
 RT: 17.897 min Scan# 2520
 Delta R.T. -0.000 min
 Lab File: BG064814.D
 Acq: 19 Nov 2025 13:51

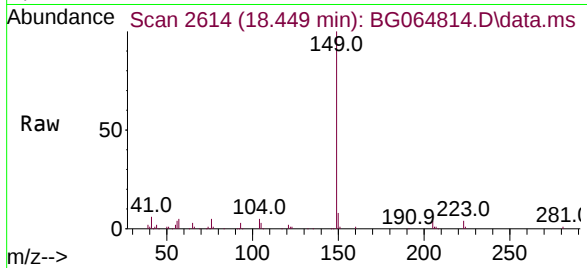
Tgt Ion:167 Resp: 74815
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 11.6 9.7 14.5





#74
Di-n-butylphthalate
Concen: 4.262 ng
RT: 18.449 min Scan# 2614
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

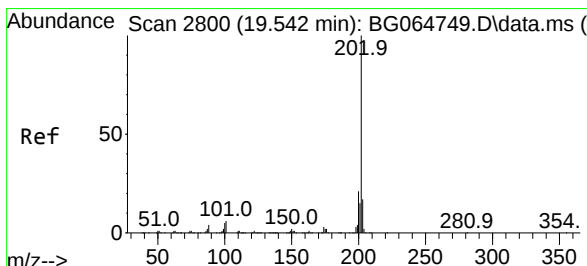
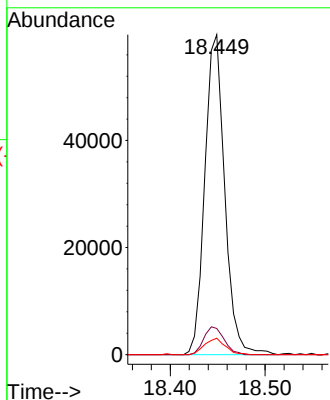
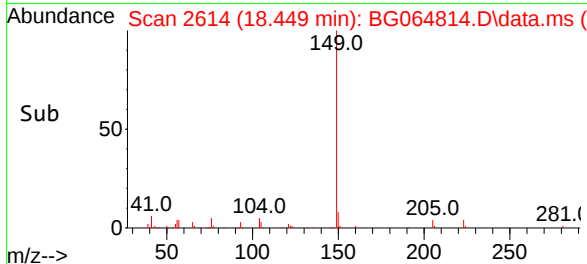


Tgt Ion:149 Resp: 87199
Ion Ratio Lower Upper
149 100
150 8.2 7.5 11.3
104 5.1 4.4 6.6

Manual Integrations
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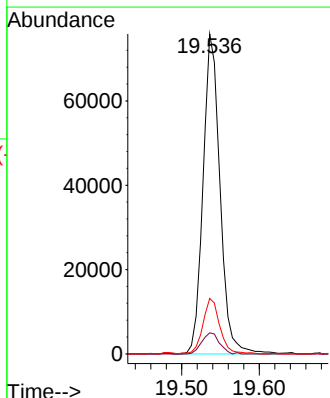
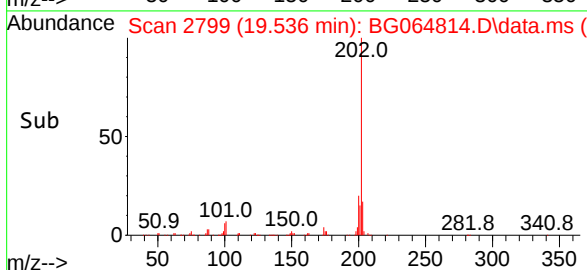
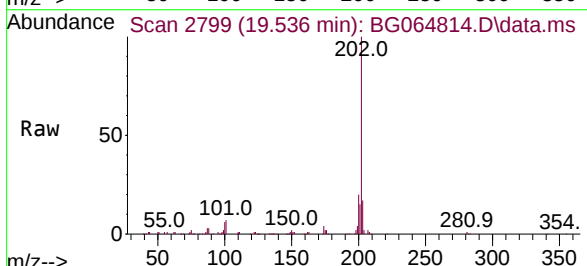
Reviewed By :Jagrut
Upadhyay
11/20/2025

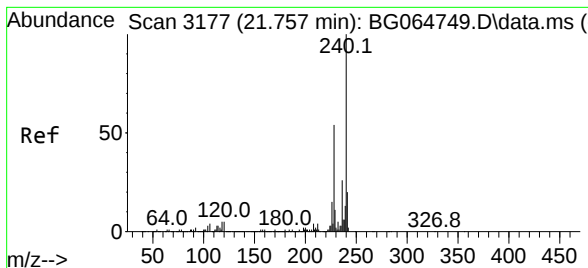
Supervised By :Sohil
Jodhani
11/20/2025



#75
Fluoranthene
Concen: 4.026 ng
RT: 19.536 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:202 Resp: 115169
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.4
203 17.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.751 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:240 Resp: 45518

Ion Ratio Lower Upper

240 100

120 5.7 4.2 6.4

236 25.6 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Jagrut

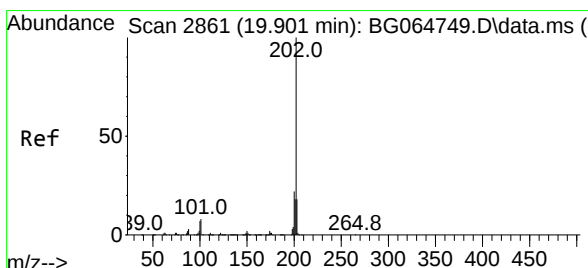
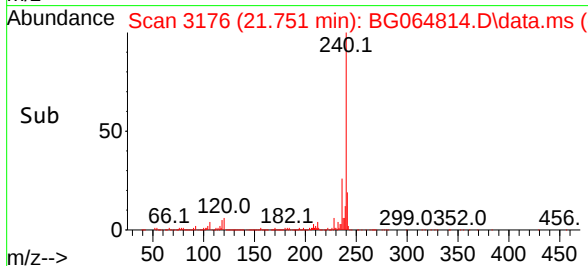
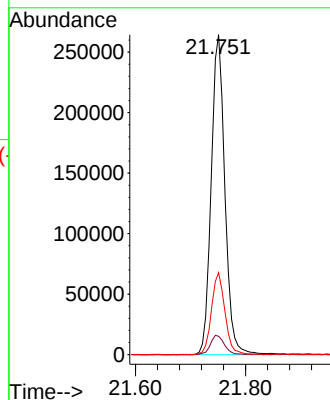
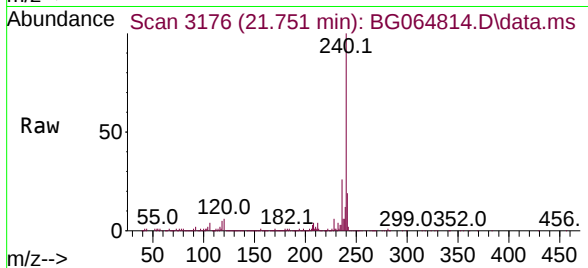
Upadhyay

11/20/2025

Supervised By :Sohil

Jodhani

11/20/2025



#78

Pyrene

Concen: 4.674 ng

RT: 19.894 min Scan# 2860

Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

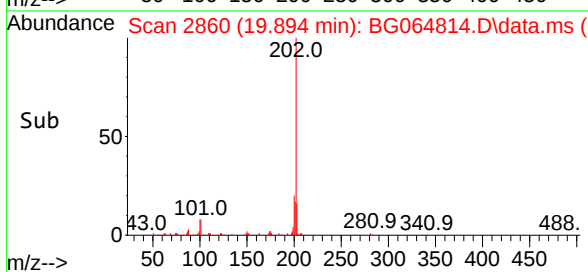
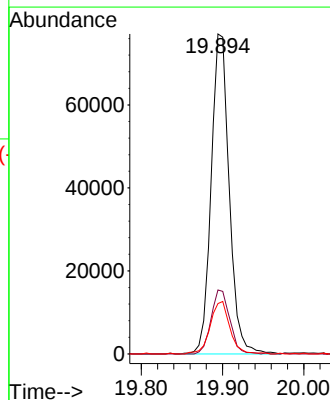
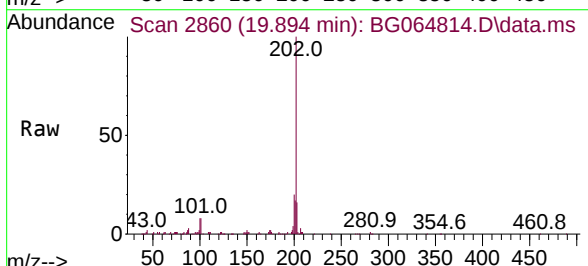
Tgt Ion:202 Resp: 119251

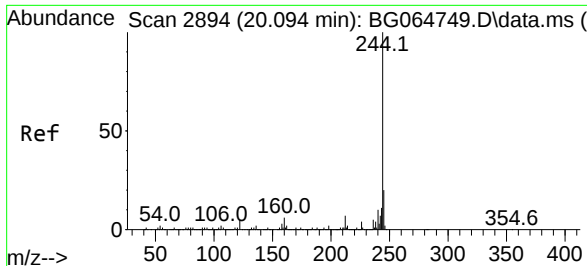
Ion Ratio Lower Upper

202 100

200 20.0 17.9 26.9

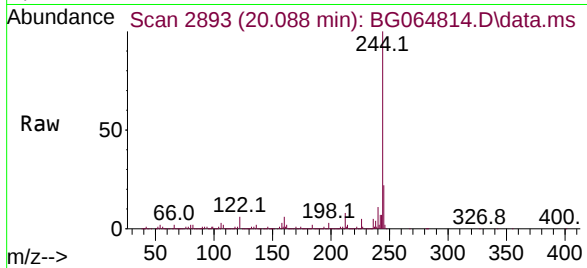
203 15.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 86.021 ng
 RT: 20.088 min Scan# 2893
 Delta R.T. -0.006 min
 Lab File: BG064814.D
 Acq: 19 Nov 2025 13:51

Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2025

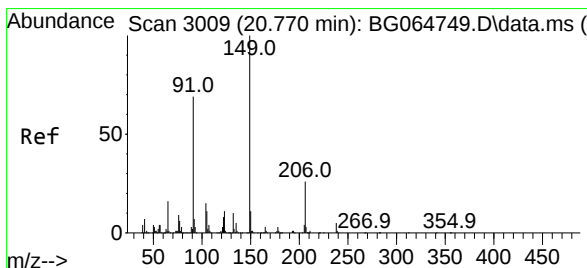
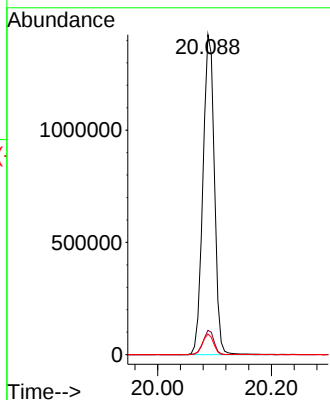
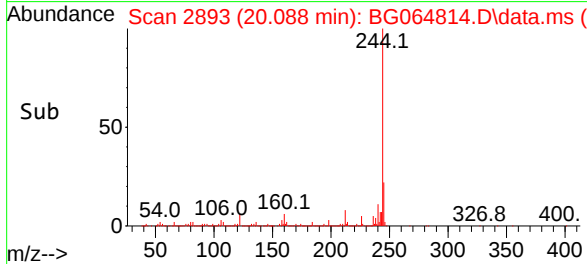


Tgt Ion:244 Resp: 1990533
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 6.4 4.3 6.5

Manual Integrations
 APPROVED

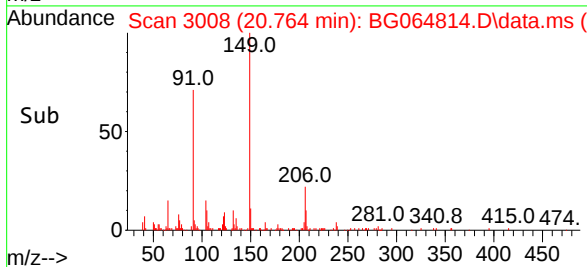
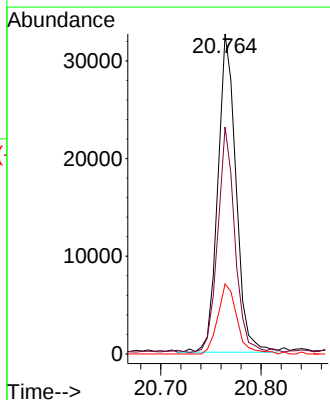
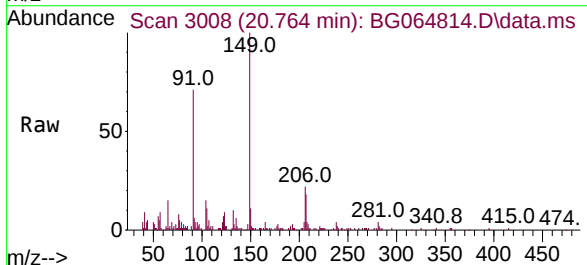
Reviewed By :Jagrut
 Upadhyay
 11/20/2025

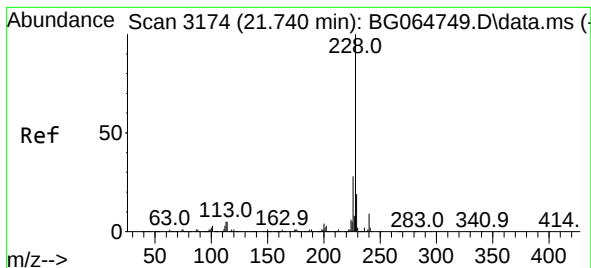
Supervised By :Sohil
 Jodhani
 11/20/2025



#80
 Butylbenzylphthalate
 Concen: 4.578 ng
 RT: 20.764 min Scan# 3008
 Delta R.T. -0.006 min
 Lab File: BG064814.D
 Acq: 19 Nov 2025 13:51

Tgt Ion:149 Resp: 41077
 Ion Ratio Lower Upper
 149 100
 91 70.9 54.9 82.3
 206 21.9 21.2 31.8





#81

Benzo(a)anthracene

Concen: 4.075 ng

RT: 21.728 min Scan# 3172

Delta R.T. -0.012 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

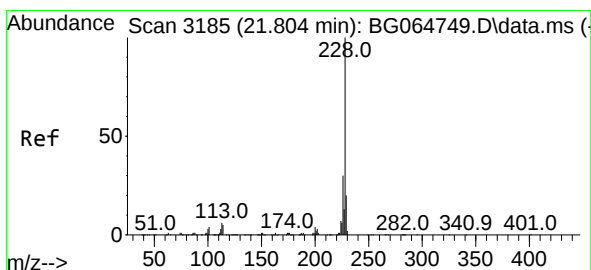
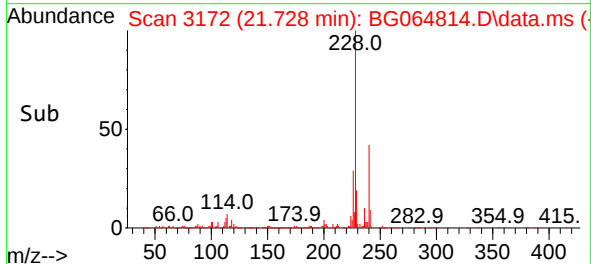
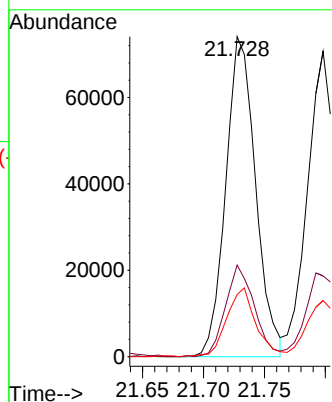
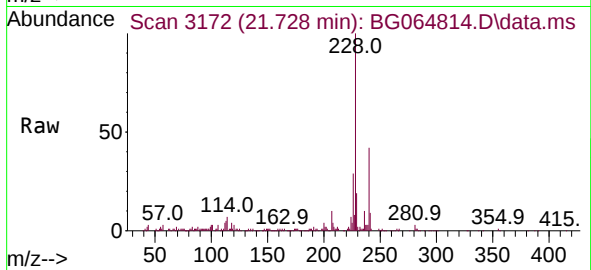
LOQ-SOIL-02-QT4-2025

Tgt Ion:228	Resp: 126137
Ion Ratio	Lower Upper
228 100	
226 28.6	22.1 33.1
229 19.4	15.5 23.3

Manual Integrations
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Reviewed By :Jagrut
Upadhyay
11/20/2025

Supervised By :Sohil
Jodhani
11/20/2025



#83

Chrysene

Concen: 4.138 ng

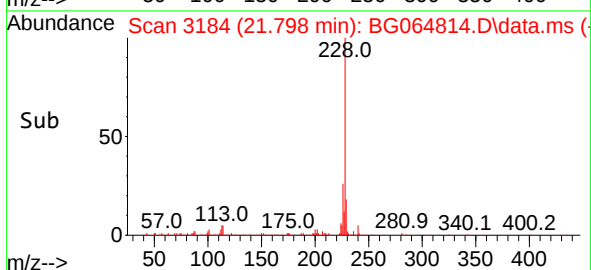
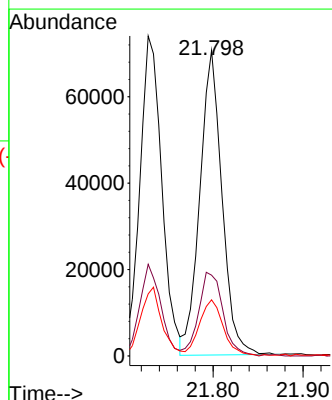
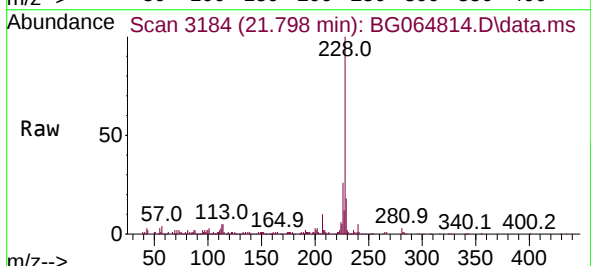
RT: 21.798 min Scan# 3184

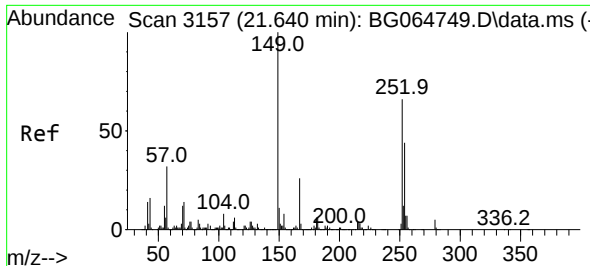
Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Tgt Ion:228	Resp: 120750
Ion Ratio	Lower Upper
228 100	
226 26.4	24.2 36.2
229 18.4	16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.455 ng
RT: 21.628 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

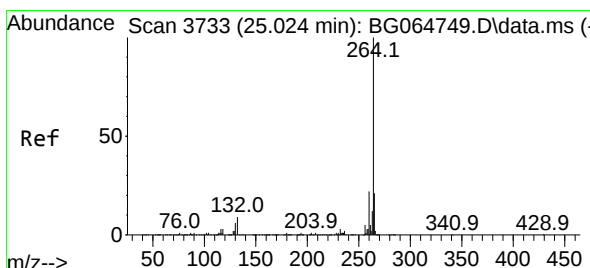
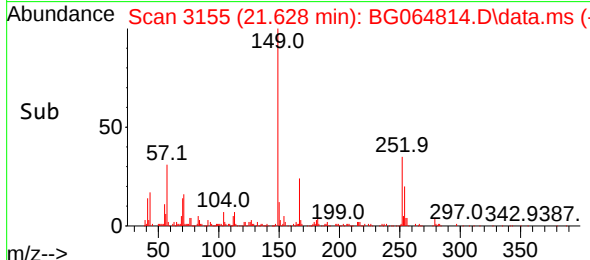
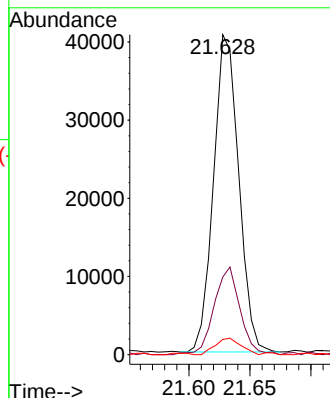
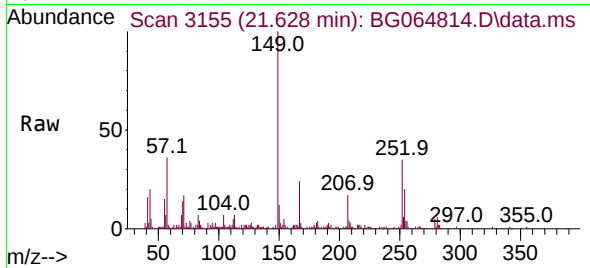
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion:149 Resp: 58415
Ion Ratio Lower Upper
149 100
167 24.2 21.0 31.4
279 4.7 4.1 6.1

Manual Integrations
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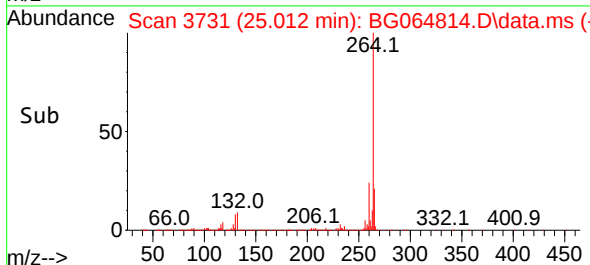
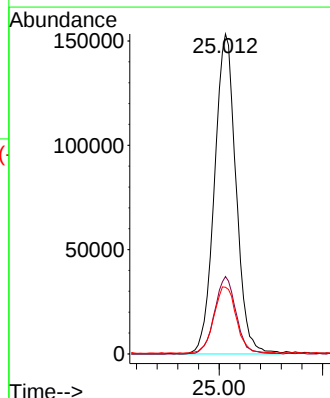
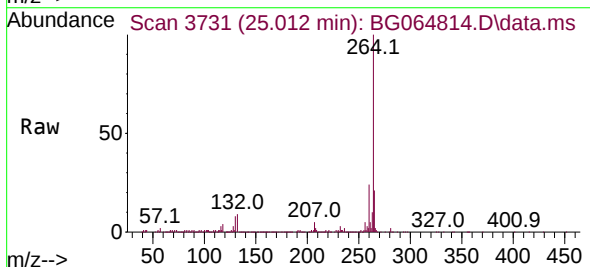
Reviewed By :Jagrut
Upadhyay
11/20/2025

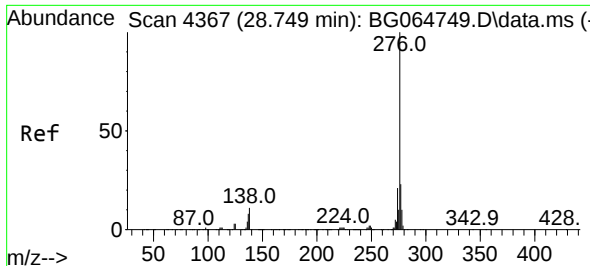
Supervised By :Sohil
Jodhani
11/20/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3731
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

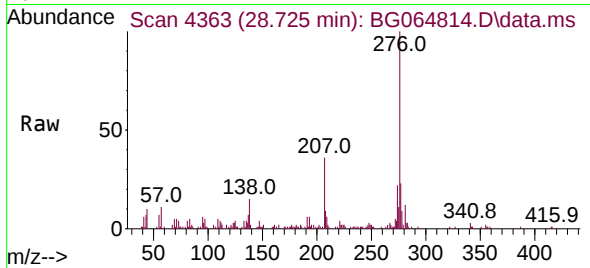
Tgt Ion:264 Resp: 443456
Ion Ratio Lower Upper
264 100
260 24.2 17.2 25.8
265 20.8 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.971 ng
RT: 28.725 min Scan# 4367
Delta R.T. -0.024 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

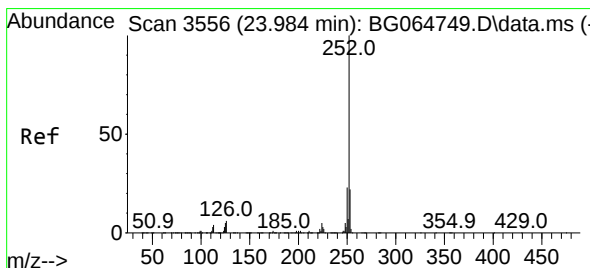
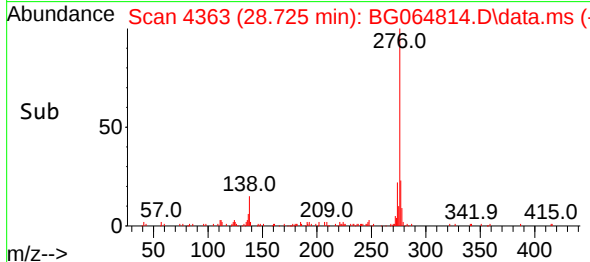
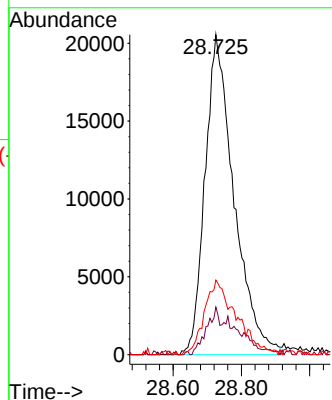


Tgt Ion:276 Resp: 120987
Ion Ratio Lower Upper
276 100
138 7.0 4.5 6.7
277 25.7 20.0 30.0

Manual Integrations
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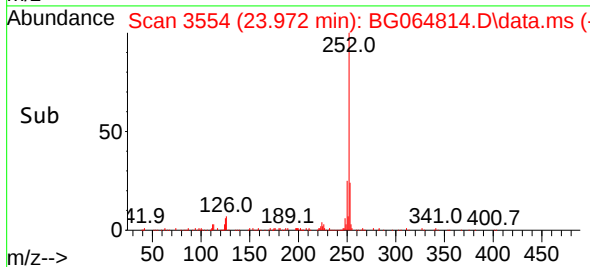
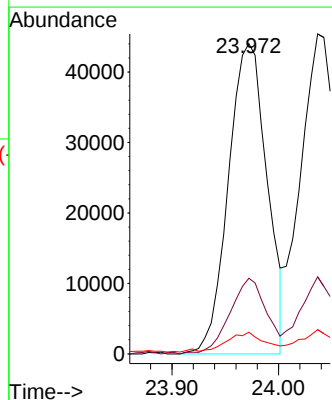
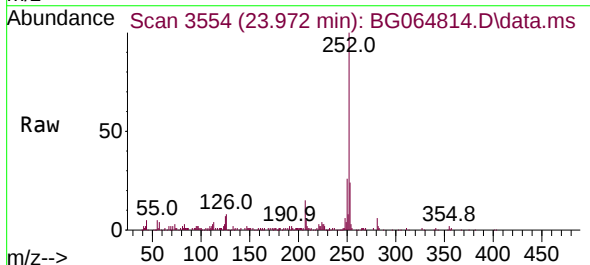
Reviewed By :Jagrut
Upadhyay
11/20/2025

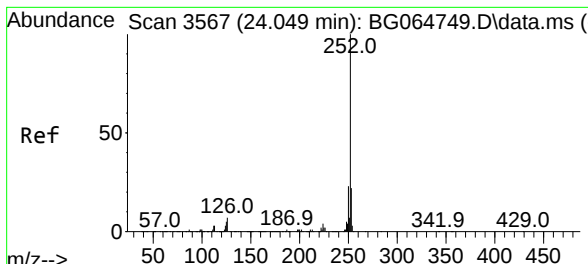
Supervised By :Sohil
Jodhani
11/20/2025



#88
Benzo(b)fluoranthene
Concen: 3.919 ng
RT: 23.972 min Scan# 3554
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

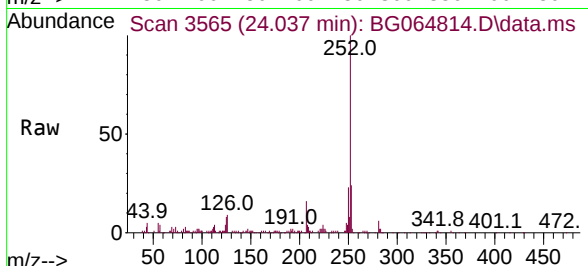
Tgt Ion:252 Resp: 110610
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 7.0 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 3.980 ng
RT: 24.037 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

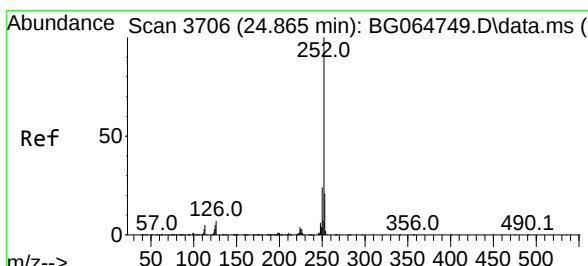
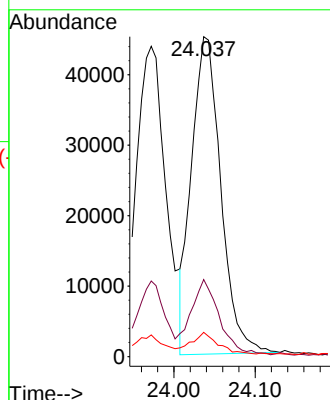
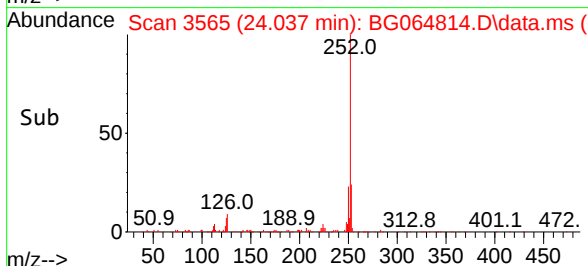


Tgt Ion:252 Resp: 112854
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 7.6 4.1 6.1

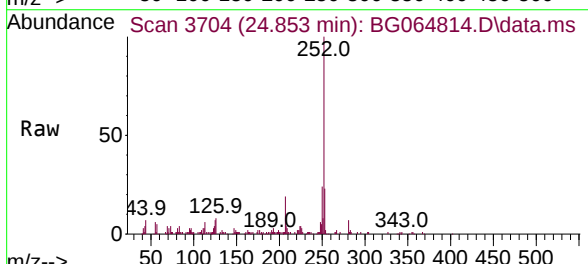
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
11/20/2025

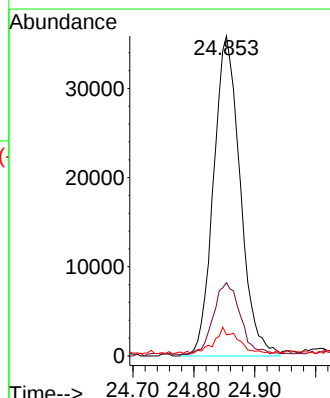
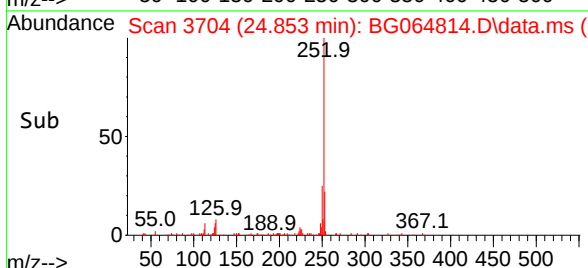
Supervised By :Sohil
Jodhani
11/20/2025

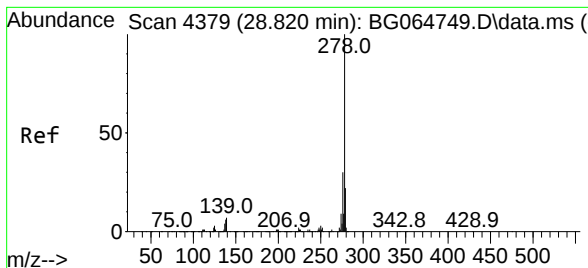


#90
Benzo(a)pyrene
Concen: 4.166 ng
RT: 24.853 min Scan# 3704
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51



Tgt Ion:252 Resp: 109047
Ion Ratio Lower Upper
252 100
253 22.9 16.9 25.3
125 6.6 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 3.991 ng

RT: 28.796 min Scan# 4379

Delta R.T. -0.024 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

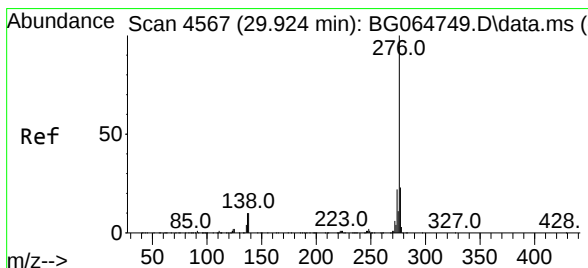
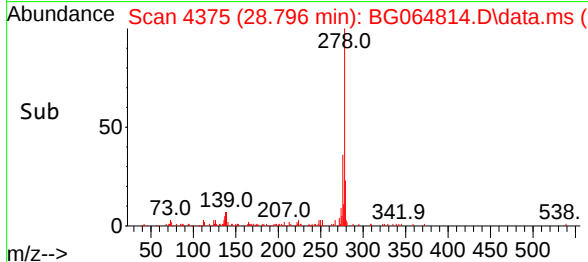
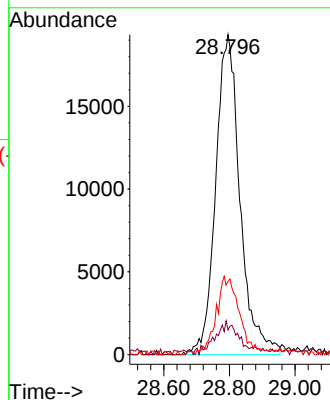
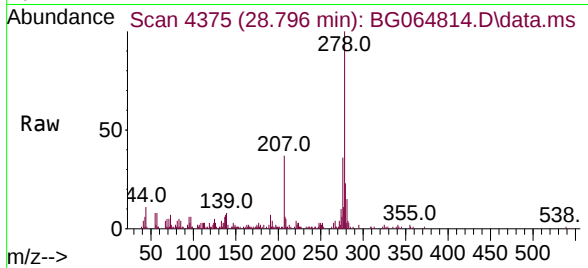
LOQ-SOIL-02-QT4-2025

Tgt Ion:	278	Resp:	9960
Ion Ratio	Lower	Upper	
278	100		
139	7.7	5.8	8.8
279	22.9	17.3	25.9

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
11/20/2025

Supervised By :Sohil
Jodhani
11/20/2025



#92

Benzo(g,h,i)perylene

Concen: 3.962 ng

RT: 29.883 min Scan# 4560

Delta R.T. -0.041 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Tgt Ion:	276	Resp:	95174
Ion Ratio	Lower	Upper	
276	100		
277	21.7	18.0	27.0
138	13.8	8.2	12.2#

