

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025533.D
 Acq On : 21 Aug 2025 10:06
 Operator : CG/JU
 Sample : Q2873-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 1-3 COMPMDS

Quant Time: Aug 21 13:04:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	191864	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	771458	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	470940	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	863345	20.000	ng	0.00
76) Chrysene-d12	21.642	240	839801	20.000	ng	0.00
86) Perylene-d12	25.001	264	984596	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1015765	87.921	ng	0.00
7) Phenol-d6	6.966	99	1315800	88.832	ng	0.00
23) Nitrobenzene-d5	8.925	82	827232	54.243	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	522534	82.433	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1791736	51.997	ng	-0.01
79) Terphenyl-d14	19.907	244	2282690	49.730	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	177998	39.333	ng	98
3) Pyridine	3.725	79	483319	39.020	ng	96
4) n-Nitrosodimethylamine	3.631	42	250381	49.032	ng	92
6) Aniline	7.119	93	586412	29.384	ng	99
8) 2-Chlorophenol	7.361	128	622856	47.775	ng	98
9) Benzaldehyde	6.931	77	298100	28.725	ng	95
10) Phenol	6.990	94	742258	47.756	ng	96
11) bis(2-Chloroethyl)ether	7.208	93	543572	44.870	ng	97
12) 1,3-Dichlorobenzene	7.678	146	640958	44.586	ng	99
13) 1,4-Dichlorobenzene	7.819	146	653240	44.457	ng	99
14) 1,2-Dichlorobenzene	8.131	146	627925	44.147	ng	98
15) Benzyl Alcohol	8.019	79	546838	46.463	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.302	45	748184	46.104	ng	99
17) 2-Methylphenol	8.225	107	505883	46.864	ng	99
18) Hexachloroethane	8.855	117	248697	46.034	ng	99
19) n-Nitroso-di-n-propyla...	8.578	70	418932	42.699	ng	97
20) 3+4-Methylphenols	8.543	107	684478	45.744	ng	98
22) Acetophenone	8.596	105	868679	44.901	ng	98
24) Nitrobenzene	8.966	77	638246	46.828	ng	99
25) Isophorone	9.496	82	1193996	44.239	ng	99
26) 2-Nitrophenol	9.672	139	334169	47.774	ng	99
27) 2,4-Dimethylphenol	9.737	122	485331	40.346	ng	96
28) bis(2-Chloroethoxy)met...	9.966	93	734758	45.037	ng	99
29) 2,4-Dichlorophenol	10.207	162	574623	48.088	ng	98
30) 1,2,4-Trichlorobenzene	10.419	180	583099	44.514	ng	100
31) Naphthalene	10.602	128	1804204	44.996	ng	99
32) Benzoic acid	9.890	122	445313	50.144	ng	93
33) 4-Chloroaniline	10.707	127	300058	16.941	ng	99
34) Hexachlorobutadiene	10.890	225	367445	45.042	ng	98
35) Caprolactam	11.496	113	188979	43.129	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	638909	46.596	ng	99
37) 2-Methylnaphthalene	12.207	142	1150302	44.083	ng	99
38) 1-Methylnaphthalene	12.431	142	1196163	43.105	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	644021	47.350	ng	99
41) Hexachlorocyclopentadiene	12.560	237	738833	89.929	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	457973	49.875	ng	98

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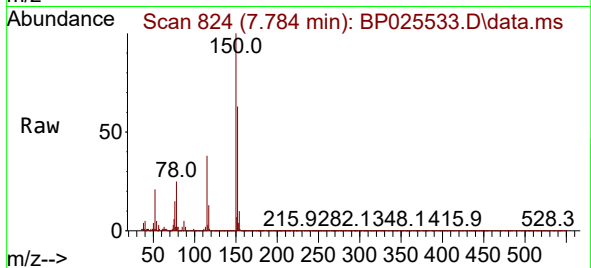
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	497251	49.411	ng	98
46) 1,1'-Biphenyl	13.219	154	1609444	47.056	ng	98
47) 2-Chloronaphthalene	13.260	162	1259254	47.294	ng	100
48) 2-Nitroaniline	13.460	65	390555	50.341	ng	96
49) Acenaphthylene	14.119	152	2044565	46.405	ng	100
50) Dimethylphthalate	13.848	163	1586170	45.994	ng	99
51) 2,6-Dinitrotoluene	13.960	165	349407	48.070	ng	93
52) Acenaphthene	14.460	154	1178511	45.570	ng	99
53) 3-Nitroaniline	14.290	138	232805	28.467	ng	90
54) 2,4-Dinitrophenol	14.507	184	405464	104.455	ng	92
55) Dibenzofuran	14.801	168	1867468	45.673	ng	100
56) 4-Nitrophenol	14.619	139	606646	90.272	ng	93
57) 2,4-Dinitrotoluene	14.760	165	494343	47.667	ng	96
58) Fluorene	15.460	166	1413855	43.823	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	411449	46.303	ng	98
60) Diethylphthalate	15.237	149	1545410	44.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	706554	44.034	ng	94
62) 4-Nitroaniline	15.472	138	347937	41.501	ng	97
63) Azobenzene	15.754	77	1509771	50.317	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	263127	48.893	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1283484	48.752	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	453875	47.800	ng	97
68) Hexachlorobenzene	16.489	284	517656	47.030	ng	99
69) Atrazine	16.648	200	441456	44.775	ng	97
70) Pentachlorophenol	16.842	266	659090	94.859	ng	97
71) Phenanthrene	17.242	178	2168100	45.715	ng	99
72) Anthracene	17.331	178	2207693	45.583	ng	100
73) Carbazole	17.613	167	1997934	43.796	ng	99
74) Di-n-butylphthalate	18.213	149	2502094	44.580	ng	100
75) Fluoranthene	19.325	202	2374209	41.968	ng	99
77) Benzidine	19.519	184	643898	22.466	ng	99
78) Pyrene	19.695	202	2467626	45.207	ng	100
80) Butylbenzylphthalate	20.642	149	1143536	46.225	ng	98
81) Benzo(a)anthracene	21.619	228	2577739	46.542	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	739859	35.441	ng	99
83) Chrysene	21.689	228	2420828	46.673	ng	98
84) Bis(2-ethylhexyl)phtha...	21.554	149	1677914	46.076	ng	99
85) Di-n-octyl phthalate	22.842	149	3122428	49.849	ng	99
87) Indeno(1,2,3-cd)pyrene	28.830	276	3538581m	49.007	ng	
88) Benzo(b)fluoranthene	23.924	252	2774997	47.796	ng	99
89) Benzo(k)fluoranthene	24.001	252	2763017	47.558	ng	99
90) Benzo(a)pyrene	24.842	252	2696431	47.711	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2887100	48.928	ng	99
92) Benzo(g,h,i)perylene	30.018	276	2844057	49.033	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025533.D
 Acq: 21 Aug 2025 10:06

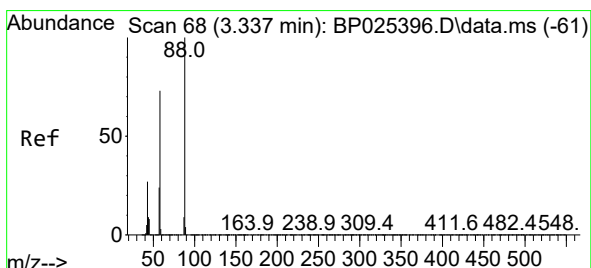
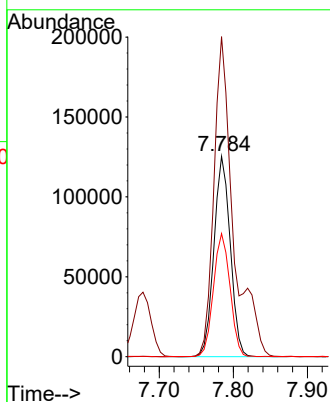
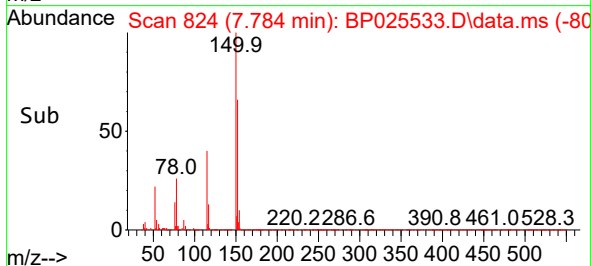
Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 1-3 COMPMSD



Tgt Ion:152 Resp: 191864
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.9 188.9
 115 61.4 48.5 72.7

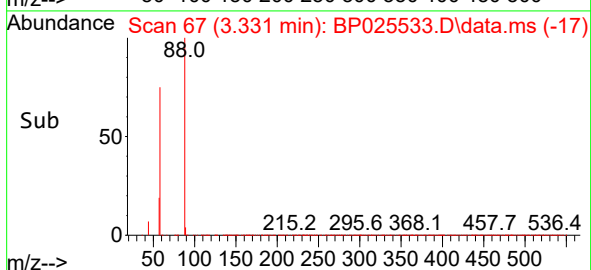
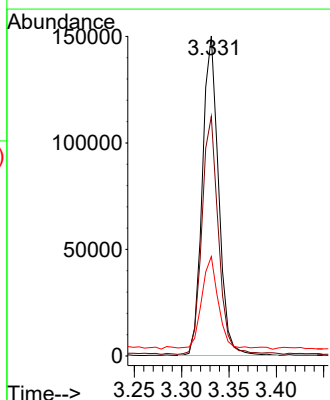
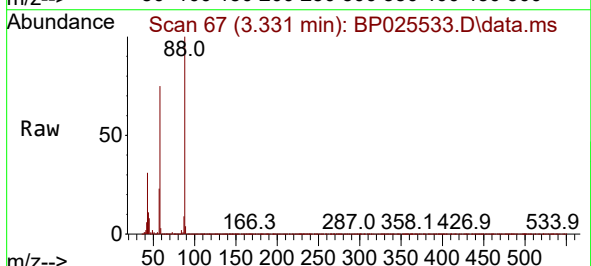
Manual Integrations
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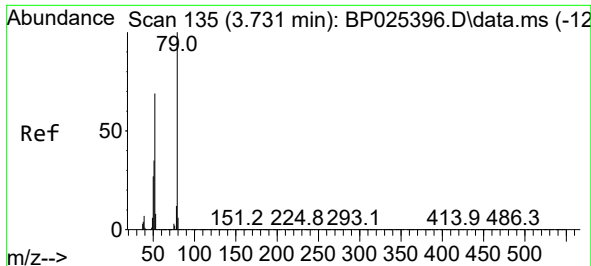
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025



#2
 1,4-Dioxane
 Concen: 39.333 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025533.D
 Acq: 21 Aug 2025 10:06

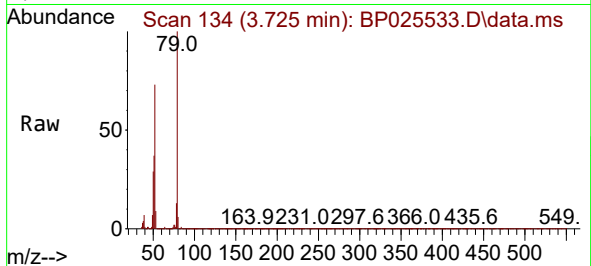
Tgt Ion: 88 Resp: 177998
 Ion Ratio Lower Upper
 88 100
 58 75.6 59.2 88.8
 43 28.3 21.7 32.5





#3
Pyridine
Concen: 39.020 ng
RT: 3.725 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

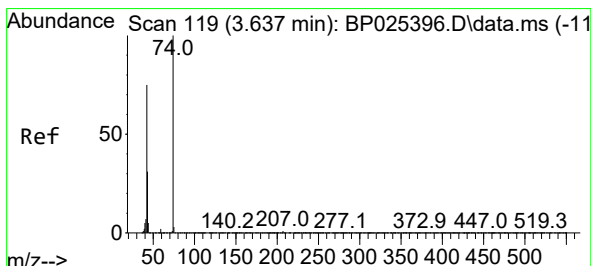
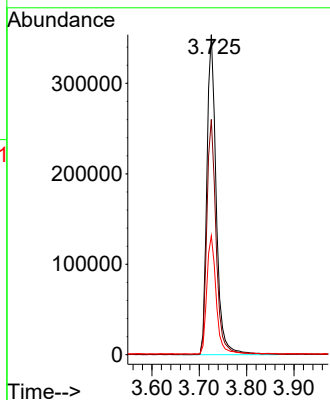
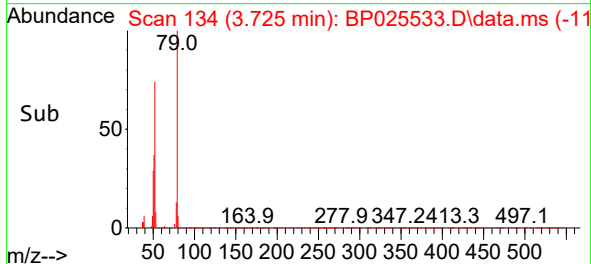
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



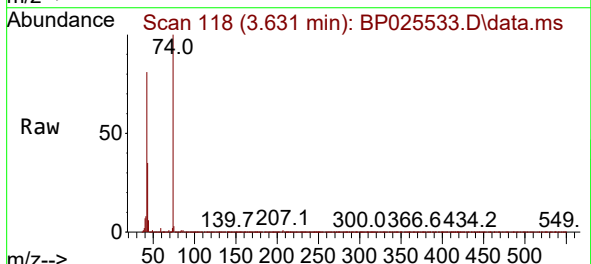
Tgt Ion: 79 Resp: 483319
Ion Ratio Lower Upper
79 100
52 73.5 55.5 83.3
51 37.1 28.3 42.5

Manual Integrations
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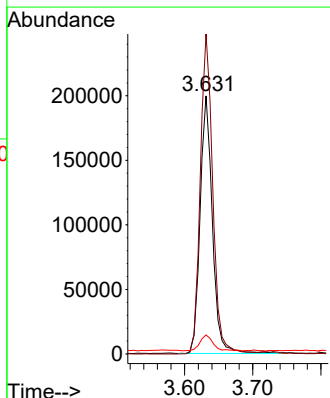
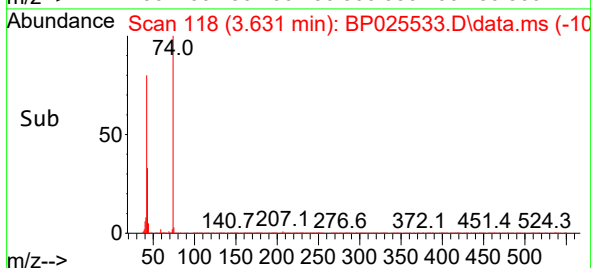
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Supervised By :mohammad ahmed 08/22/2025

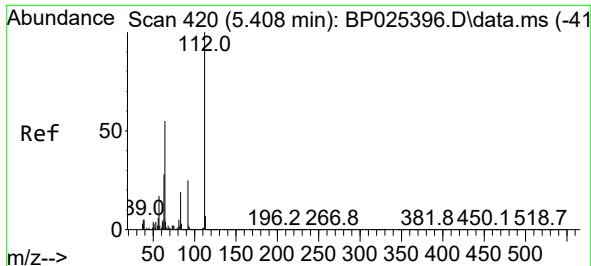


#4
n-Nitrosodimethylamine
Concen: 49.032 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



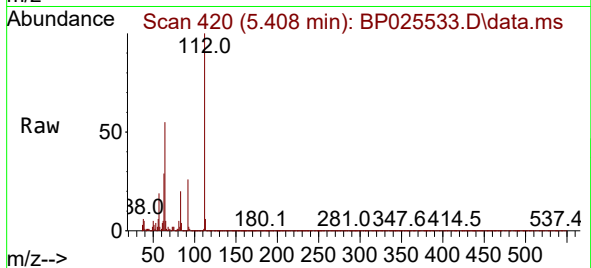
Tgt Ion: 42 Resp: 250381
Ion Ratio Lower Upper
42 100
74 124.0 107.0 160.4
44 7.4 6.2 9.4





#5
2-Fluorophenol
Concen: 87.921 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

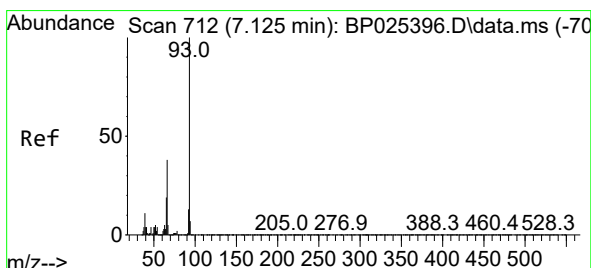
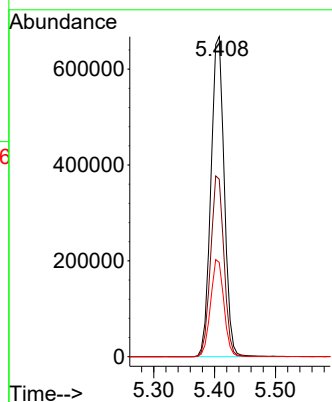
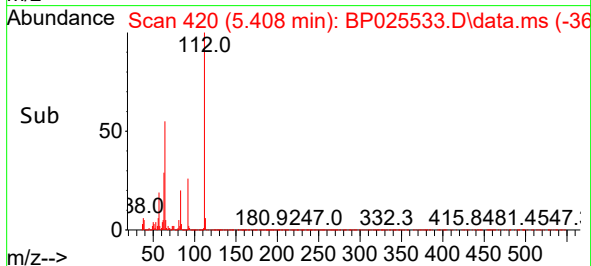
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ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



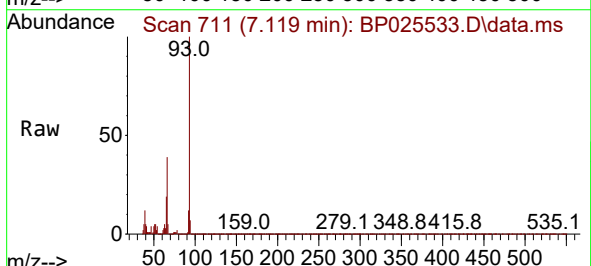
Tgt Ion: 112 Resp: 101576
Ion Ratio Lower Upper
112 100
64 55.4 43.8 65.8
63 29.4 22.7 34.1

Manual Integrations
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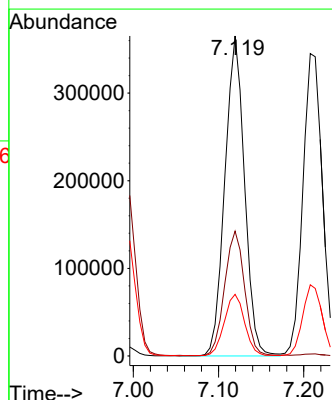
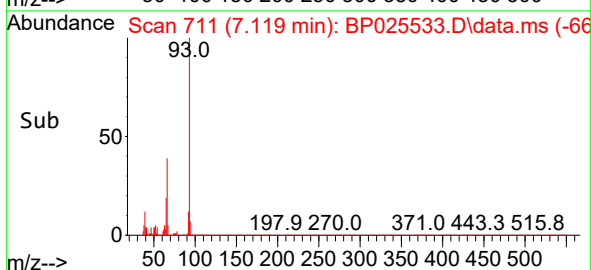
Reviewed By :Rahul Chavli 08/21/2025
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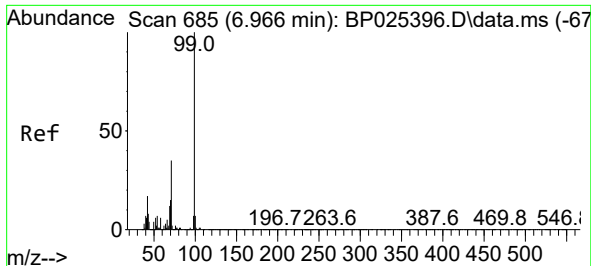


#6
Aniline
Concen: 29.384 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



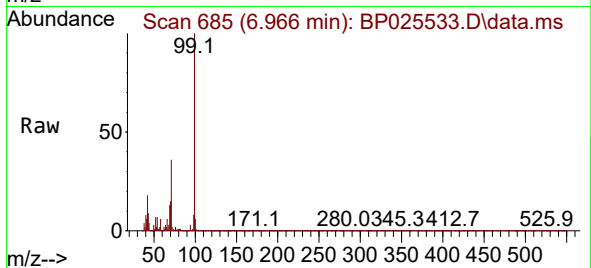
Tgt Ion: 93 Resp: 586412
Ion Ratio Lower Upper
93 100
66 39.0 30.4 45.6
65 19.2 15.3 22.9





#7
Phenol-d6
Concen: 88.832 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

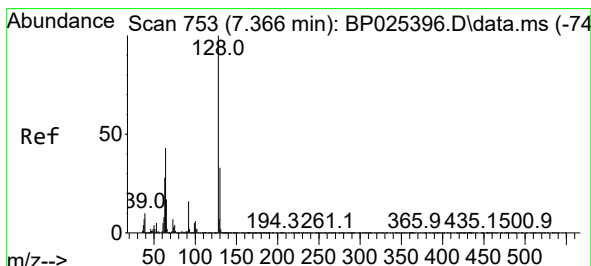
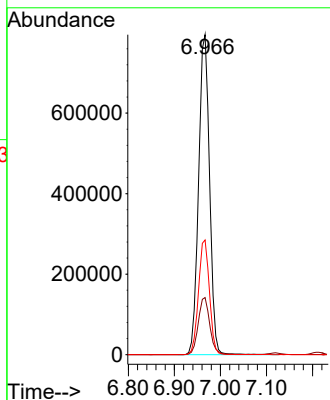
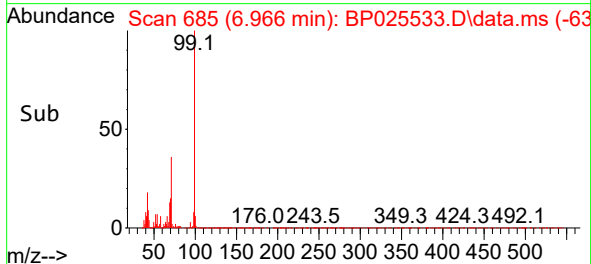
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion: 99 Resp: 1315800
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 35.8 28.2 42.4

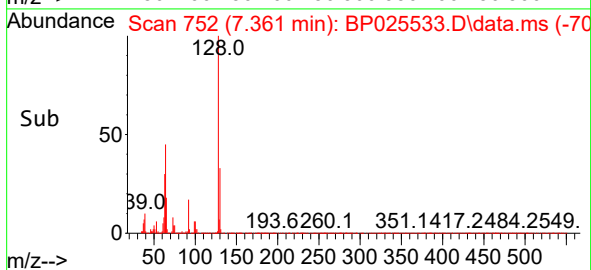
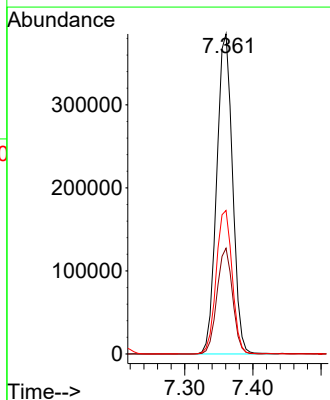
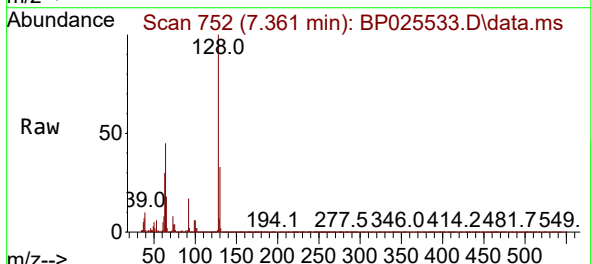
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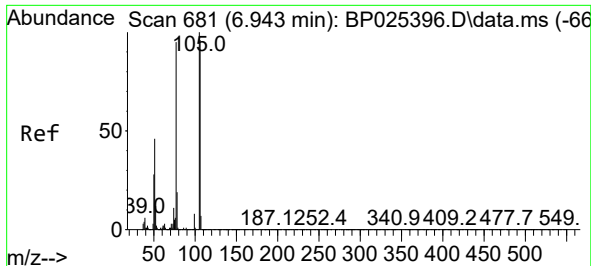
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#8
2-Chlorophenol
Concen: 47.775 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

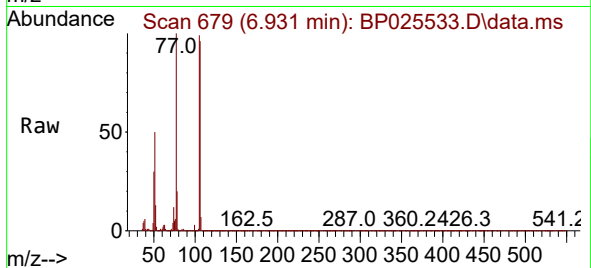
Tgt Ion:128 Resp: 622856
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 44.8 23.4 63.4





#9
Benzaldehyde
Concen: 28.725 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

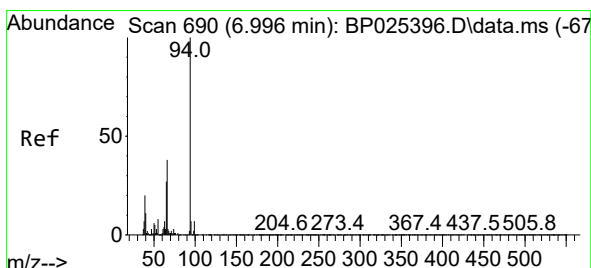
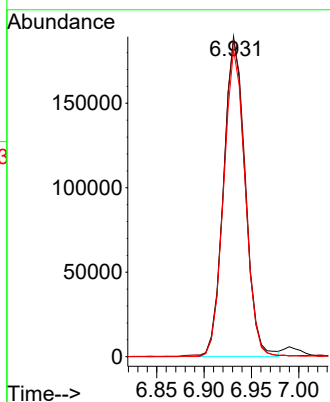
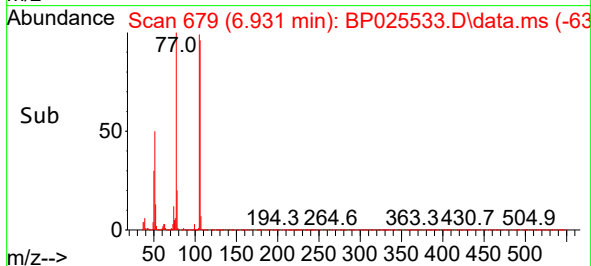
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion: 77 Resp: 298100
Ion Ratio Lower Upper
77 100
105 99.0 84.8 124.8
106 96.0 80.5 120.5

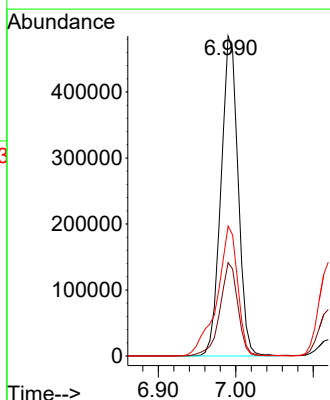
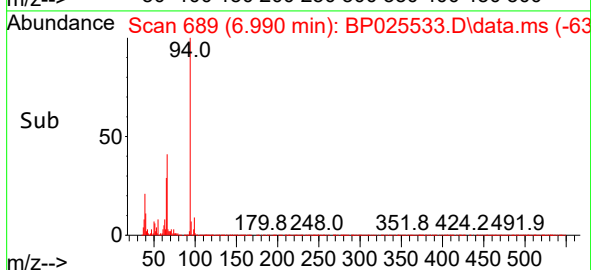
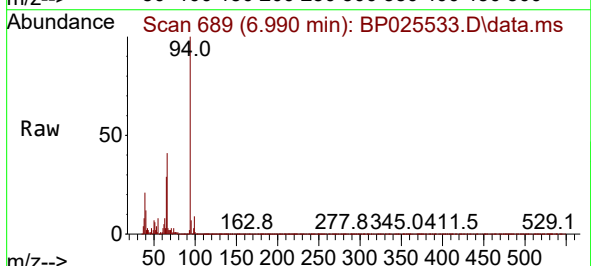
Manual Integrations
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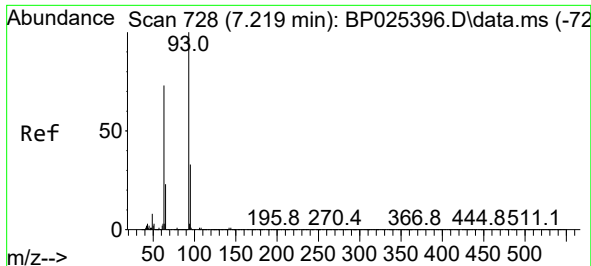
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#10
Phenol
Concen: 47.756 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

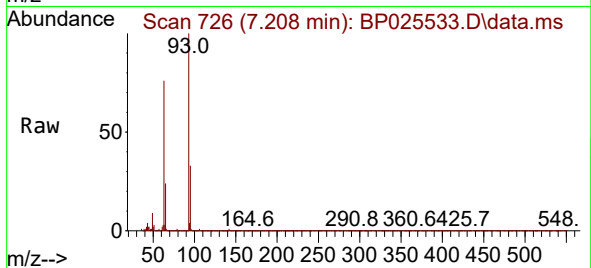
Tgt Ion: 94 Resp: 742258
Ion Ratio Lower Upper
94 100
65 29.1 6.8 46.8
66 40.6 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 44.870 ng
RT: 7.208 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

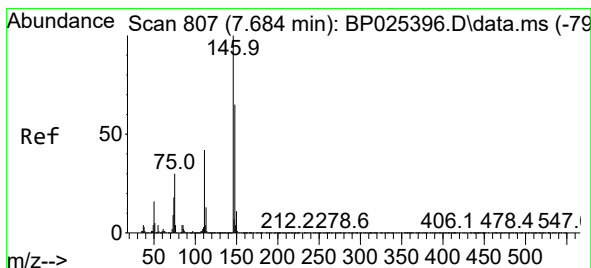
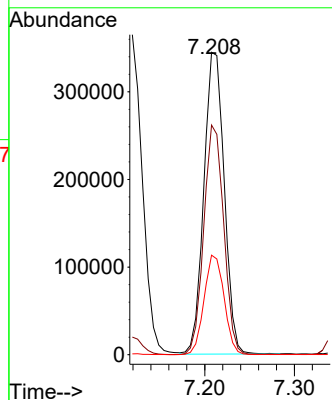
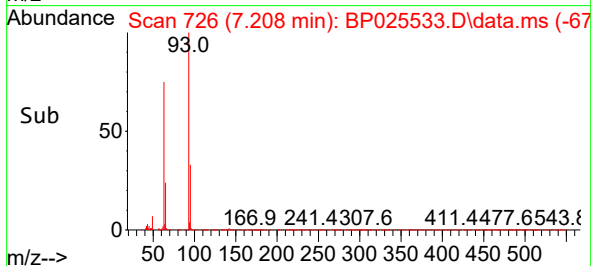
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



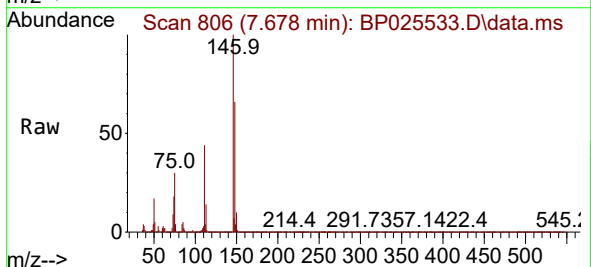
Tgt Ion: 93 Resp: 543572
Ion Ratio Lower Upper
93 100
63 75.9 52.6 92.6
95 32.9 12.7 52.7

Manual Integrations
APPROVED

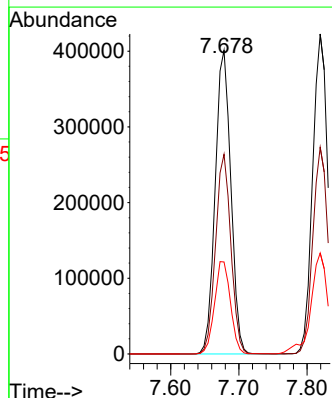
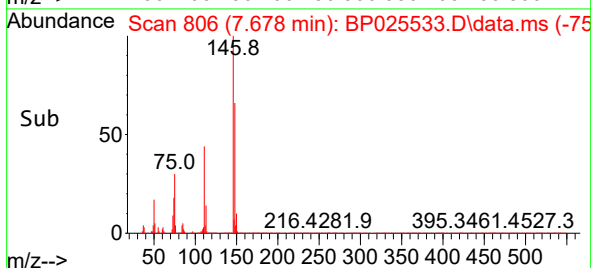
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

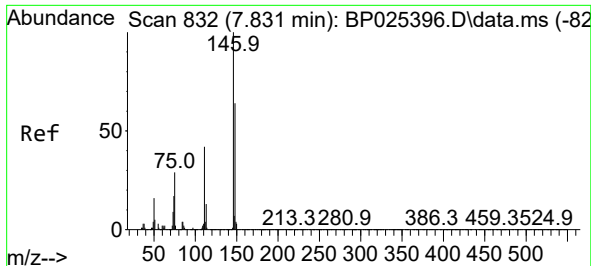


#12
1,3-Dichlorobenzene
Concen: 44.586 ng
RT: 7.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



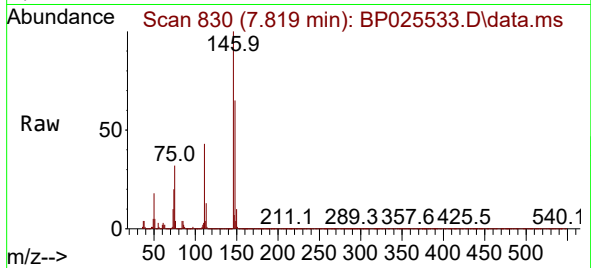
Tgt Ion:146 Resp: 640958
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
75 30.3 23.7 35.5





#13
1,4-Dichlorobenzene
Concen: 44.457 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

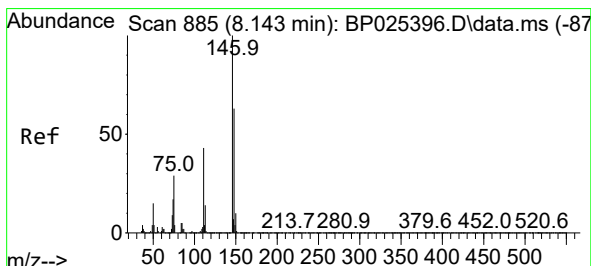
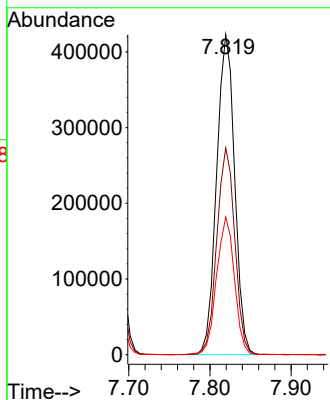
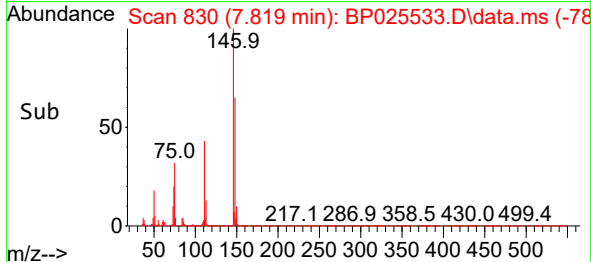
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:146 Resp: 653240
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
111 43.0 33.4 50.0

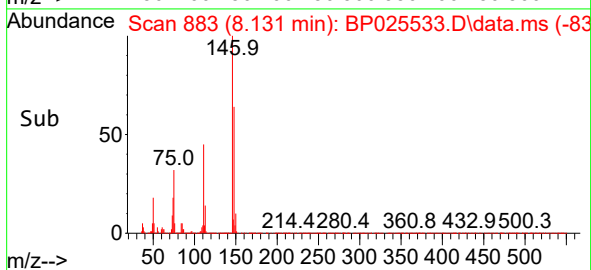
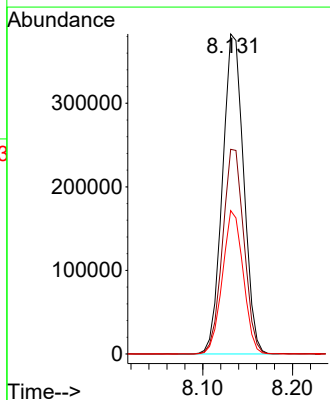
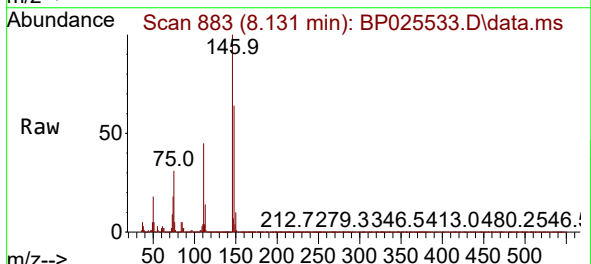
Manual Integrations
APPROVED

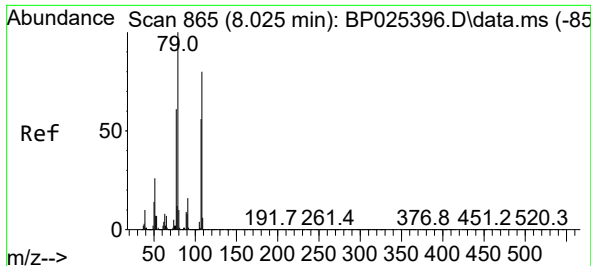
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#14
1,2-Dichlorobenzene
Concen: 44.147 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

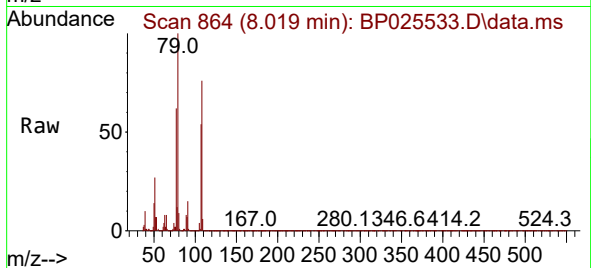
Tgt Ion:146 Resp: 627925
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
111 44.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 46.463 ng
RT: 8.019 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

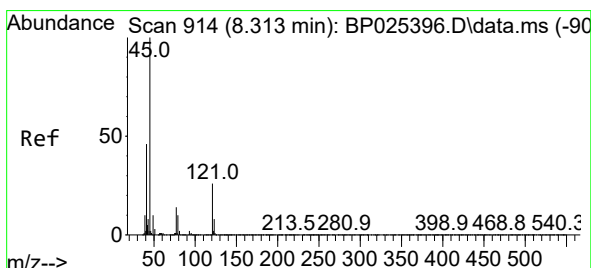
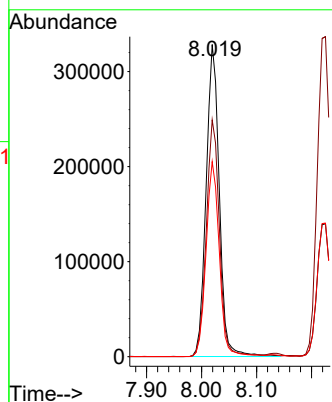
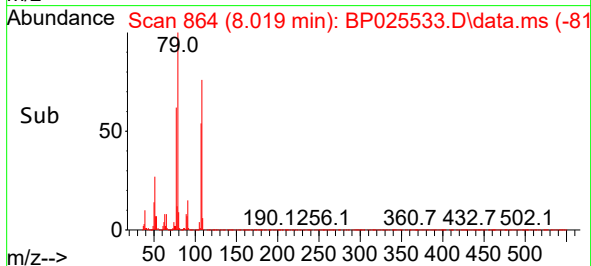
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



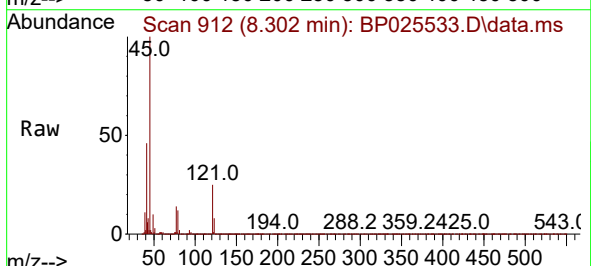
Tgt Ion: 79 Resp: 546838
Ion Ratio Lower Upper
79 100
108 75.9 63.8 95.6
77 62.5 49.0 73.4

Manual Integrations
APPROVED

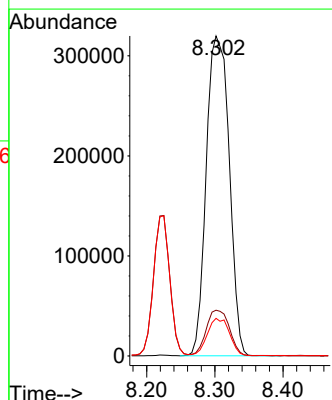
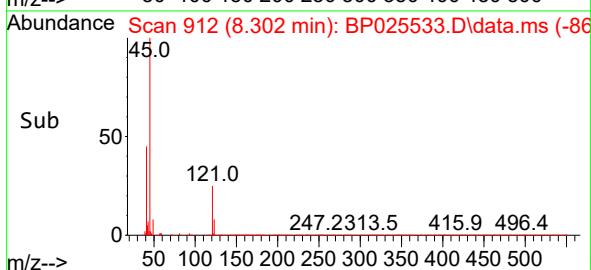
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

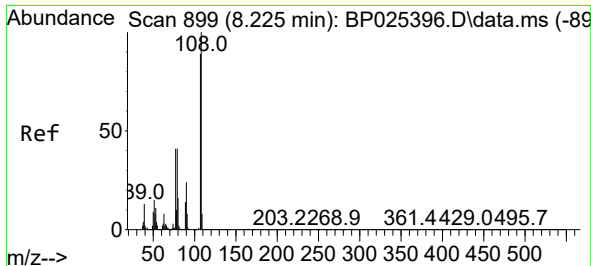


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.104 ng
RT: 8.302 min Scan# 912
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



Tgt Ion: 45 Resp: 748184
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.3
79 11.7 0.0 31.8





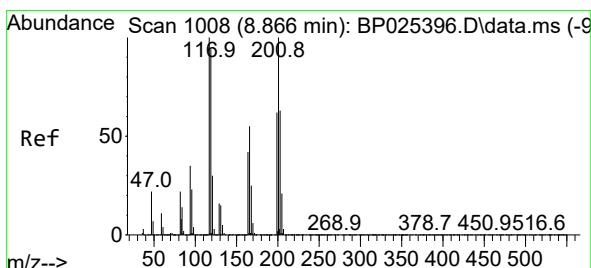
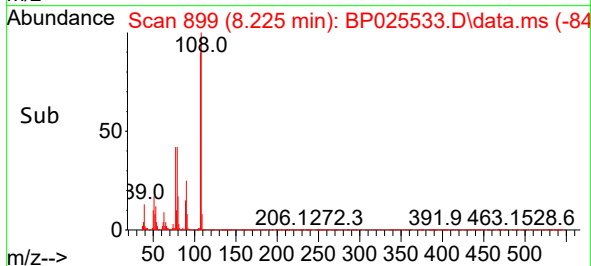
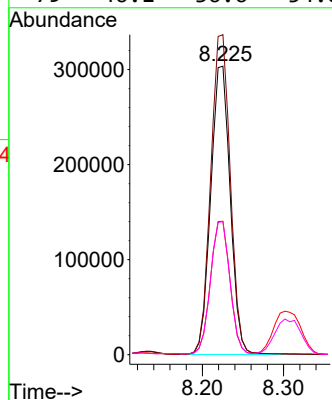
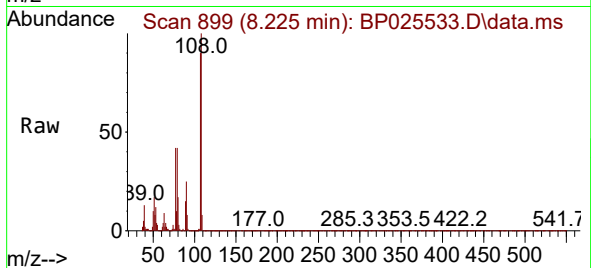
#17
2-Methylphenol
Concen: 46.864 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD

Tgt Ion:	107	Resp:	50588
Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.4	134.0
77	46.3	36.3	54.5
79	46.1	36.6	54.8

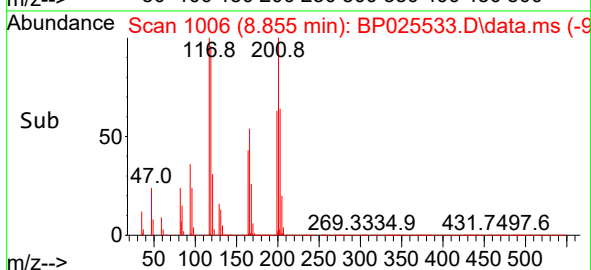
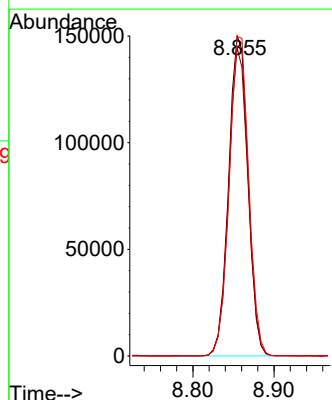
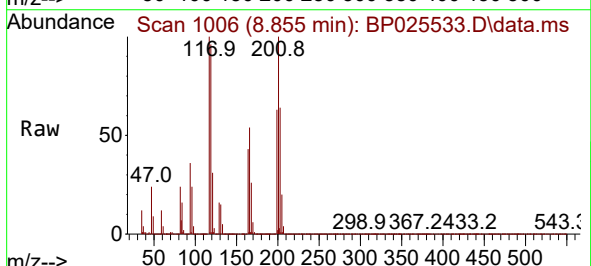
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#18
Hexachloroethane
Concen: 46.034 ng
RT: 8.855 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

Tgt Ion:	117	Resp:	248697
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.1	112.7
201	99.9	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 42.699 ng

RT: 8.578 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025533.D

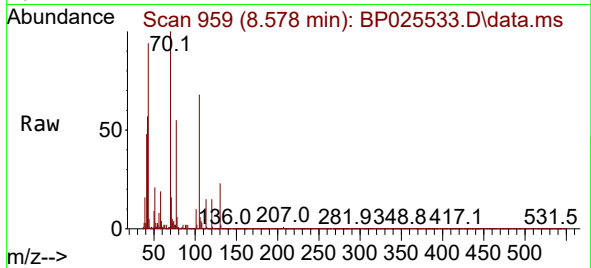
Acq: 21 Aug 2025 10:06

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMPMSD



Tgt Ion: 70 Resp: 41893

Ion Ratio Lower Upper

70 100

42 57.4 43.8 65.6

101 9.8 8.5 12.7

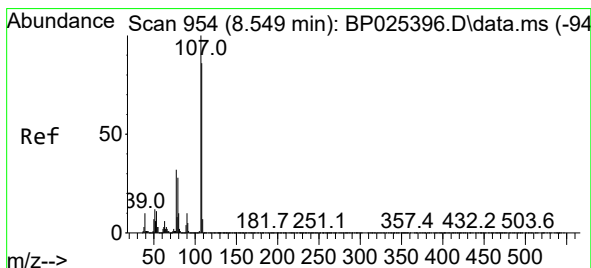
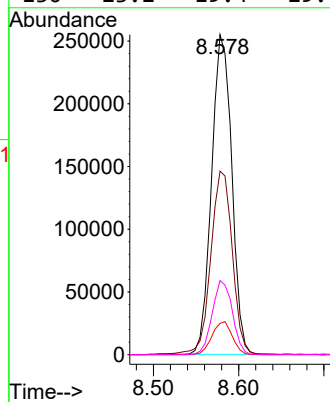
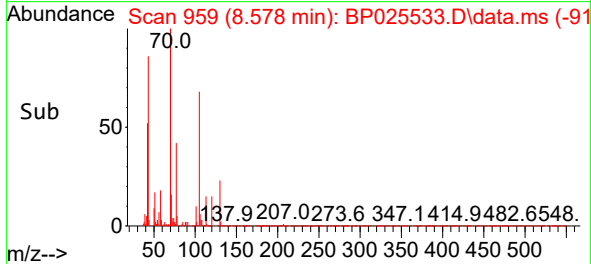
130 23.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#20

3+4-Methylphenols

Concen: 45.744 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

Tgt Ion:107 Resp: 684478

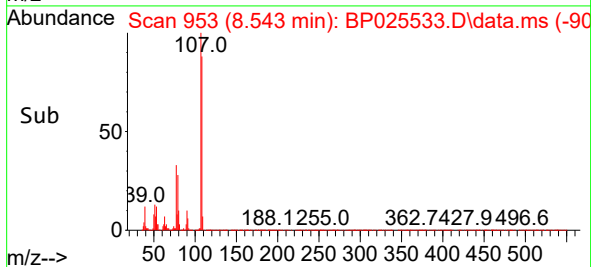
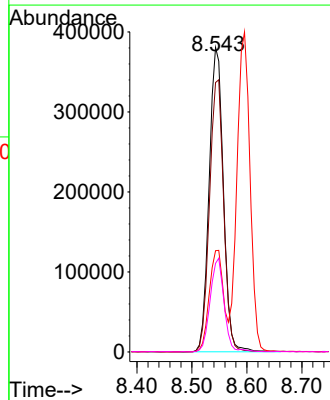
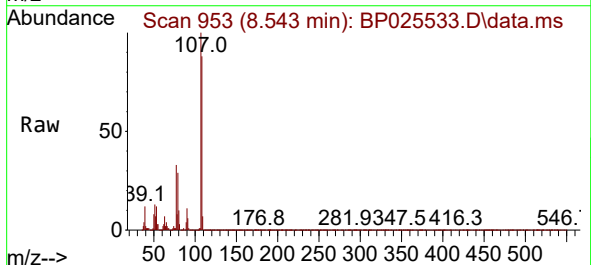
Ion Ratio Lower Upper

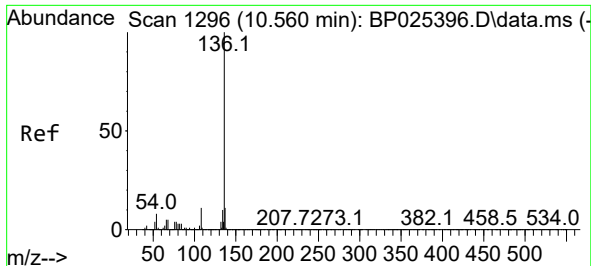
107 100

108 88.5 66.3 106.3

77 33.2 12.3 52.3

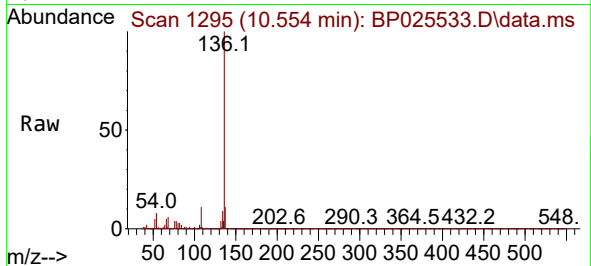
79 29.1 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

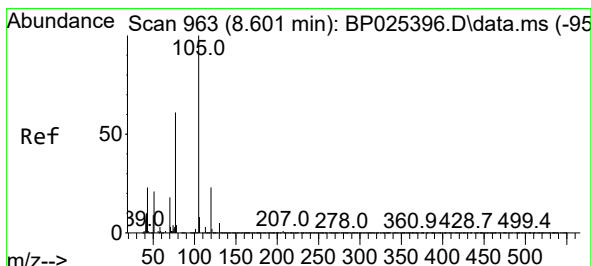
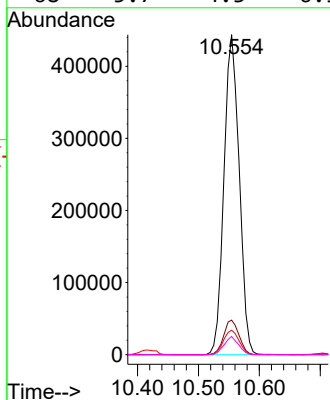
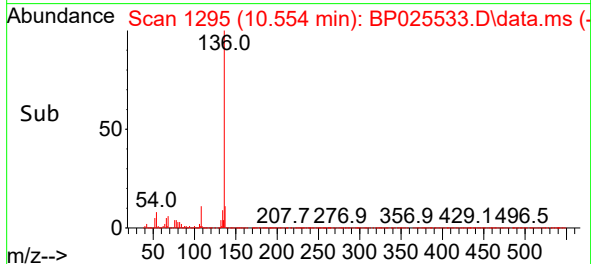
Instrument : BNA_P
ClientSampleId : DRILL CUTTING 1-3 COMPMSD



Tgt Ion:136 Resp: 771458
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.6 6.0 9.0
68 5.7 4.3 6.5

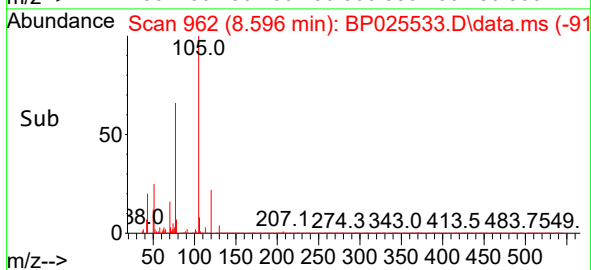
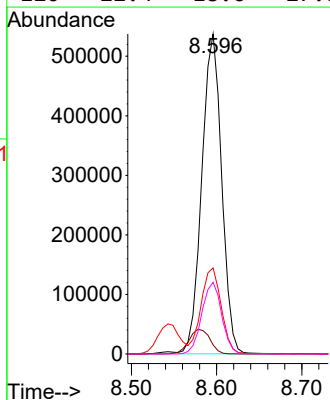
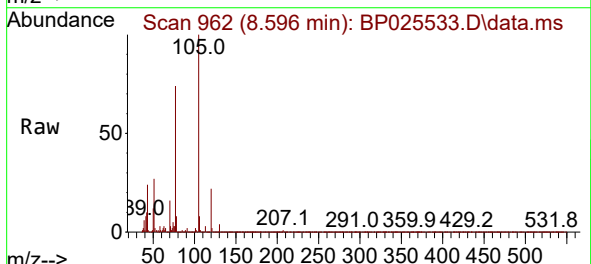
Manual Integrations
APPROVED

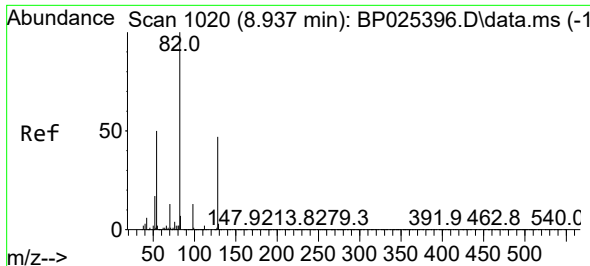
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#22
Acetophenone
Concen: 44.901 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

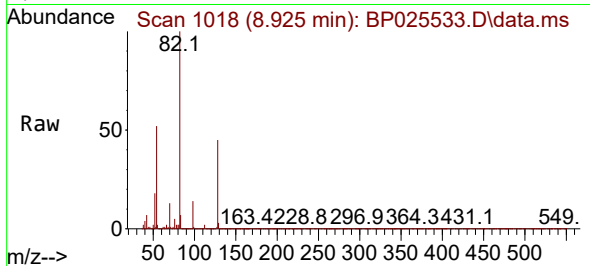
Tgt Ion:105 Resp: 868679
Ion Ratio Lower Upper
105 100
71 2.9 2.6 4.0
51 26.9 20.6 30.8
120 22.4 18.6 27.8





#23
Nitrobenzene-d5
Concen: 54.243 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

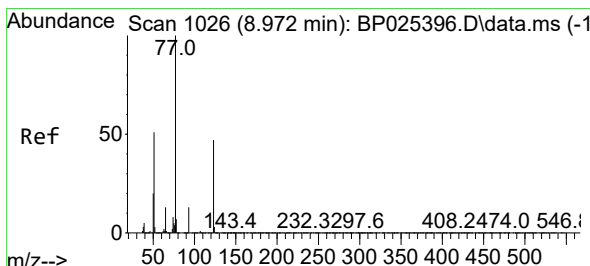
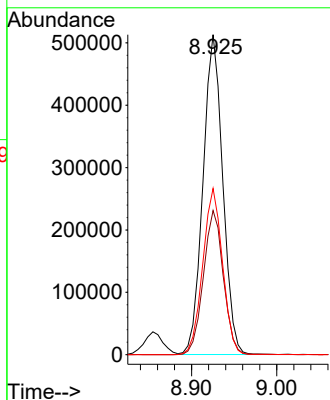
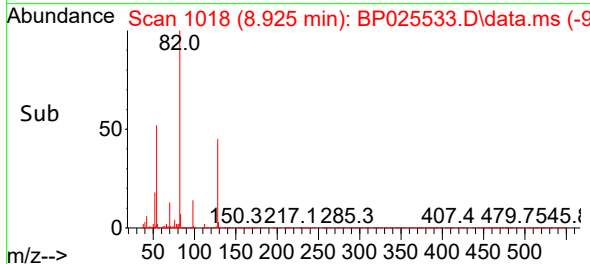
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



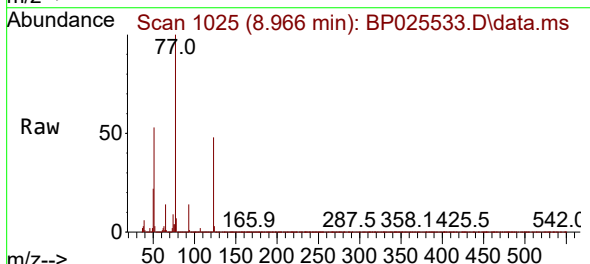
Tgt Ion: 82 Resp: 82723
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 51.9 39.8 59.6

Manual Integrations
APPROVED

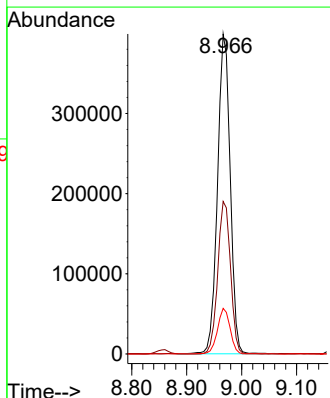
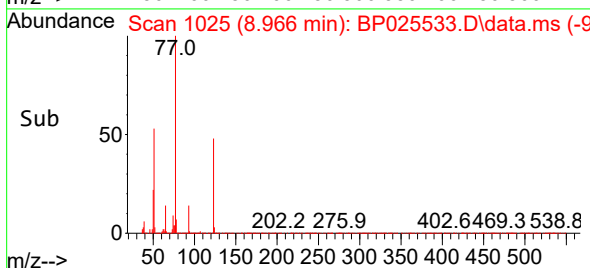
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

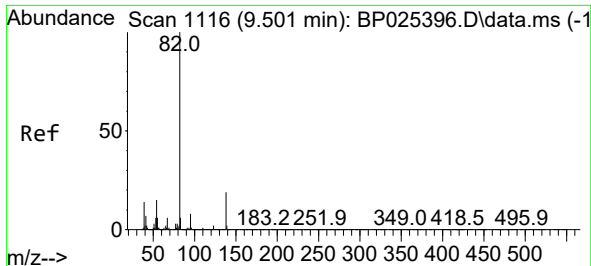


#24
Nitrobenzene
Concen: 46.828 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



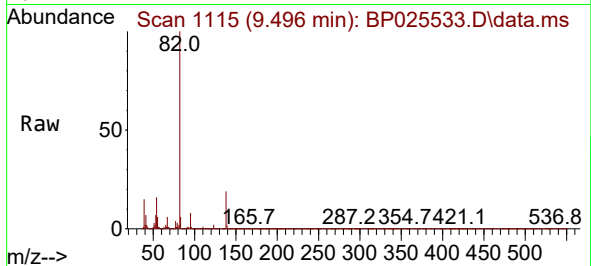
Tgt Ion: 77 Resp: 638246
Ion Ratio Lower Upper
77 100
123 47.7 38.6 58.0
65 14.3 10.6 15.8





#25
Isophorone
Concen: 44.239 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

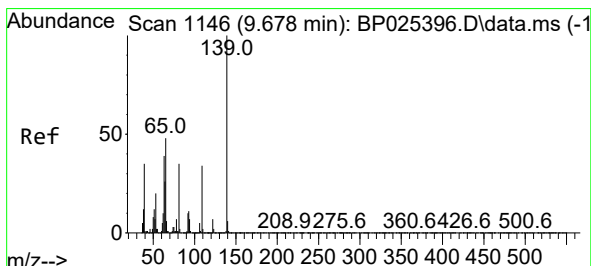
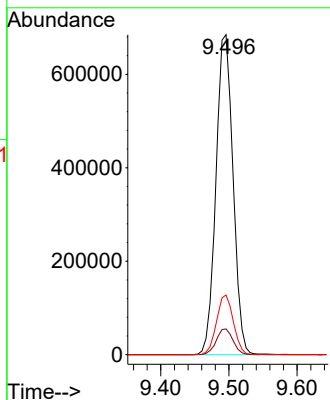
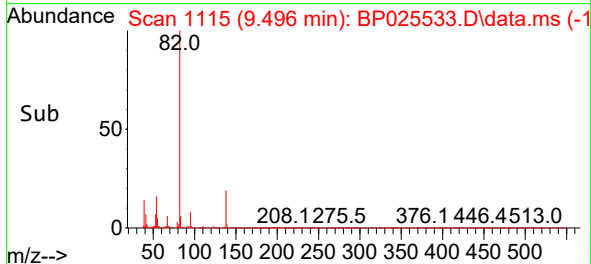
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion: 82 Resp: 1193990
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.7 15.4 23.0

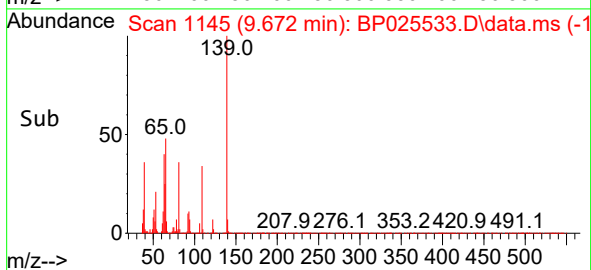
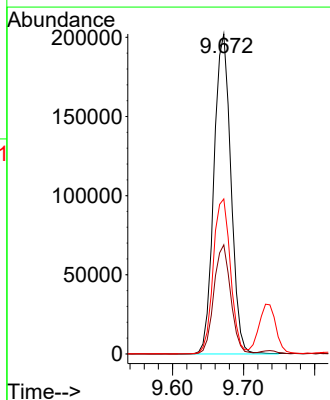
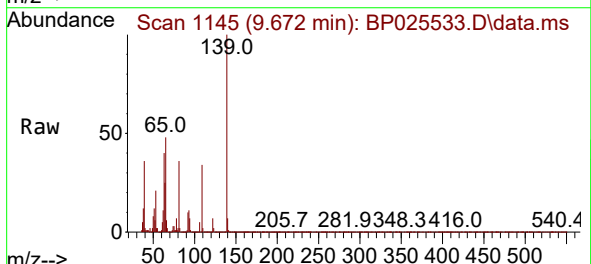
Manual Integrations
APPROVED

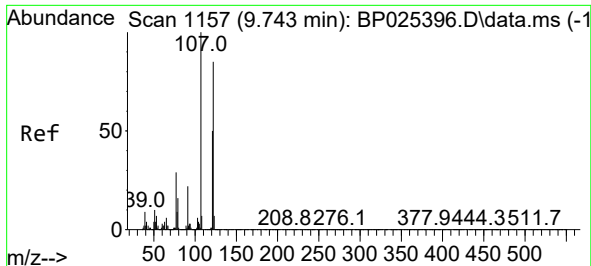
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#26
2-Nitrophenol
Concen: 47.774 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

Tgt Ion:139 Resp: 334169
Ion Ratio Lower Upper
139 100
109 34.1 26.9 40.3
65 48.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.346 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMPMSD

Tgt Ion:122 Resp: 48533

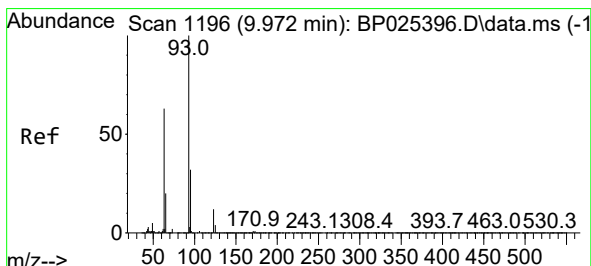
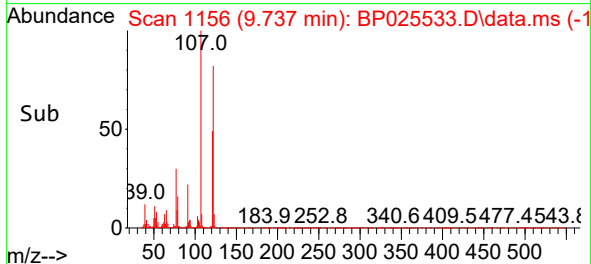
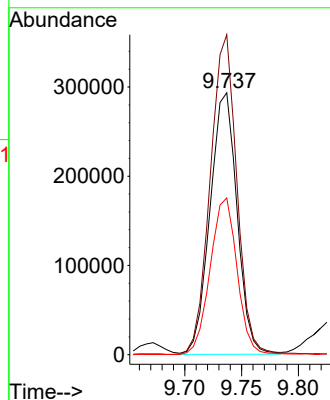
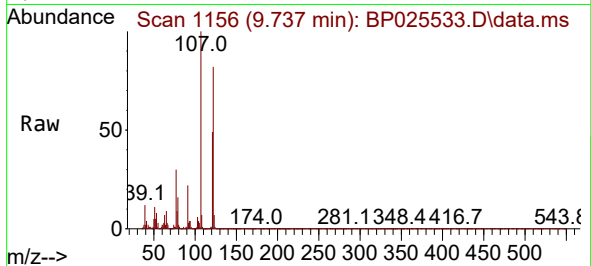
Ion	Ratio	Lower	Upper
122	100		
107	122.2	93.7	140.5
121	59.9	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#28

bis(2-Chloroethoxy)methane

Concen: 45.037 ng

RT: 9.966 min Scan# 1195

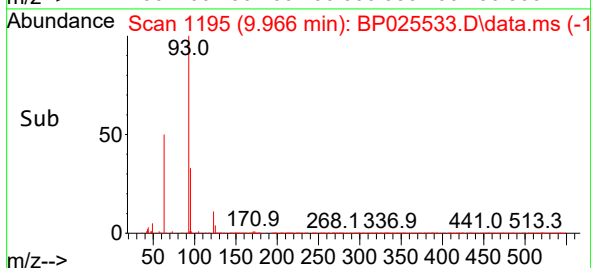
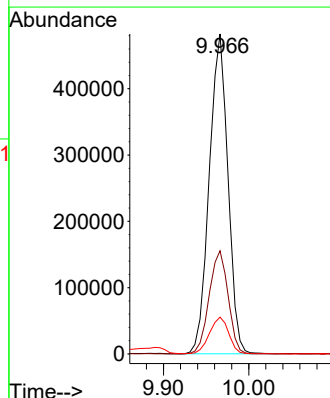
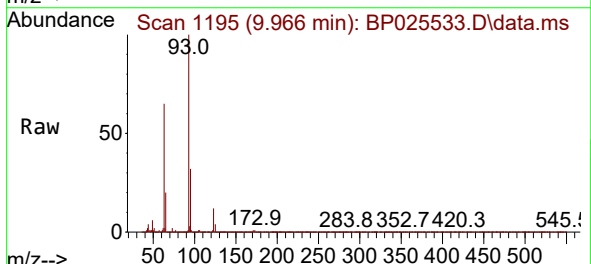
Delta R.T. -0.006 min

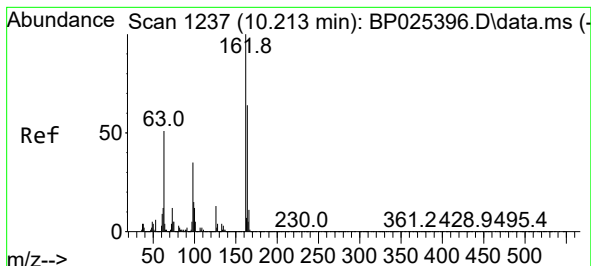
Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

Tgt Ion: 93 Resp: 734758

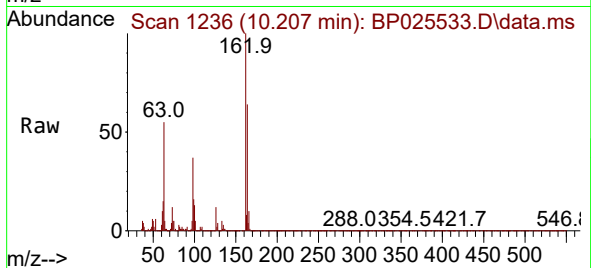
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.0
123	11.5	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 48.088 ng
RT: 10.207 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

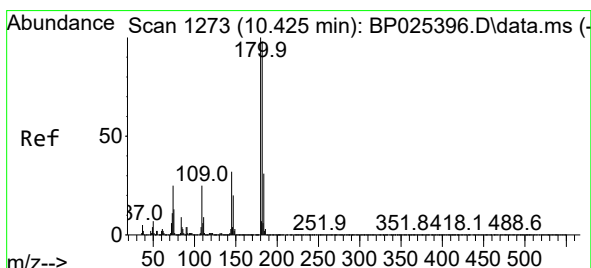
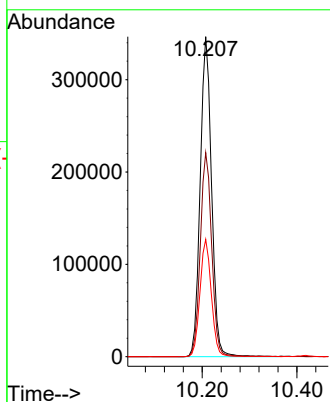
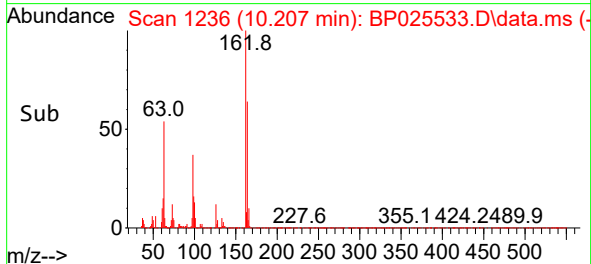
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



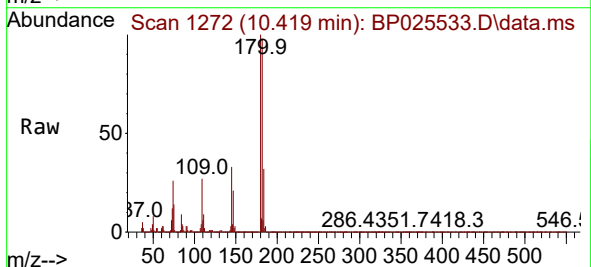
Tgt Ion:162 Resp: 57462
Ion Ratio Lower Upper
162 100
164 63.8 44.4 84.4
98 36.7 14.9 54.9

Manual Integrations
APPROVED

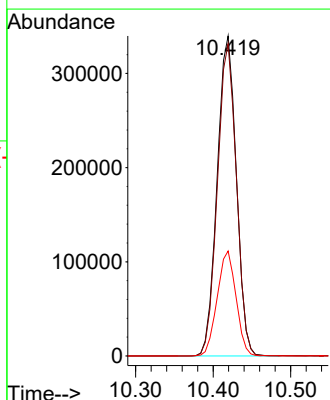
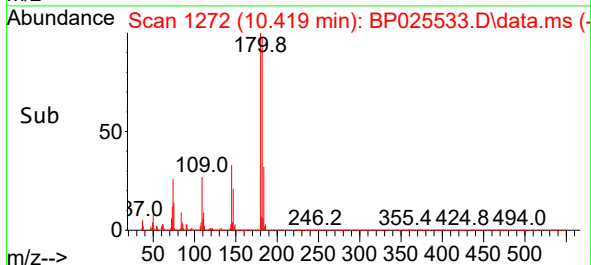
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

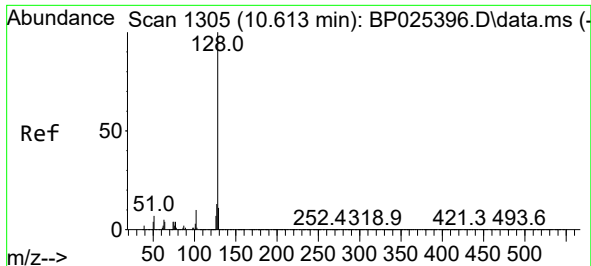


#30
1,2,4-Trichlorobenzene
Concen: 44.514 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



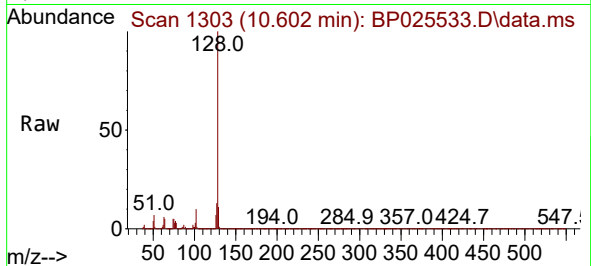
Tgt Ion:180 Resp: 583099
Ion Ratio Lower Upper
180 100
182 97.6 78.0 117.0
145 32.8 25.9 38.9





#31
Naphthalene
Concen: 44.996 ng
RT: 10.602 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

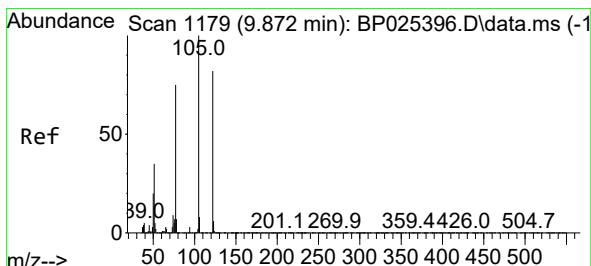
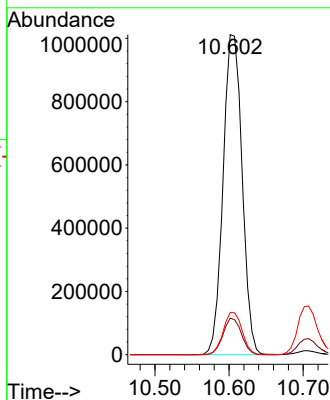
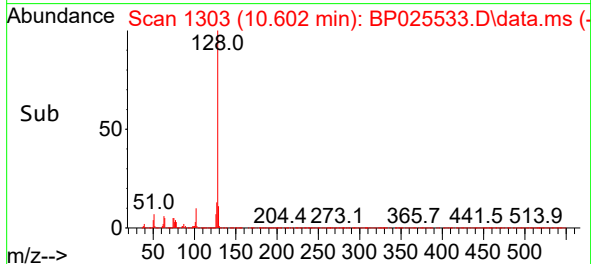
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:128 Resp: 1804204
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.2 10.7 16.1

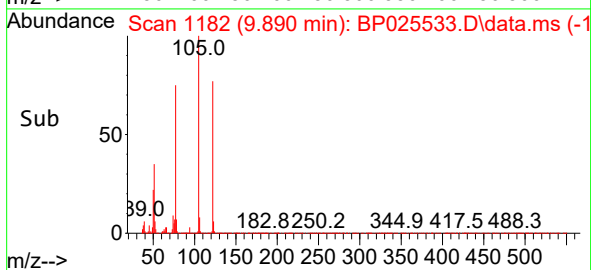
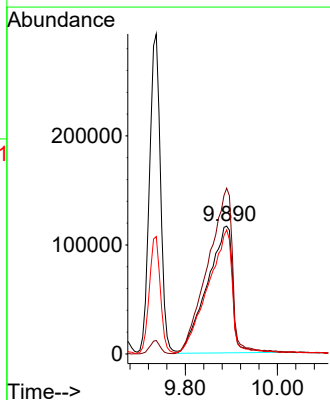
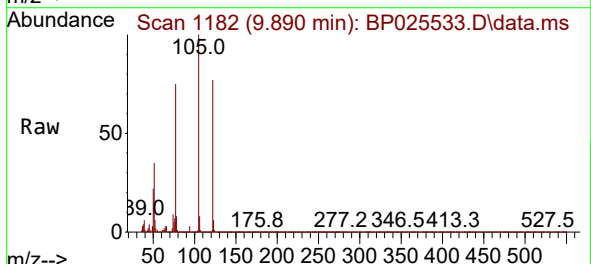
Manual Integrations
APPROVED

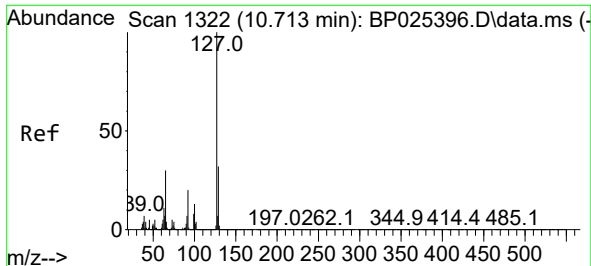
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#32
Benzoic acid
Concen: 50.144 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

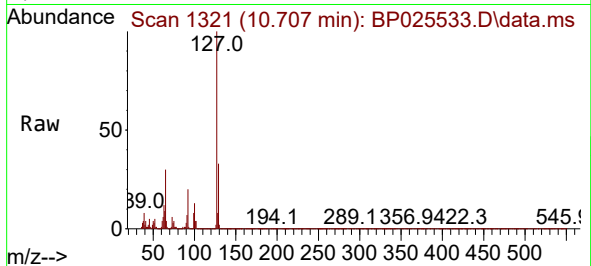
Tgt Ion:122 Resp: 445313
Ion Ratio Lower Upper
122 100
105 129.6 100.6 140.6
77 97.0 71.5 111.5





#33
4-Chloroaniline
Concen: 16.941 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

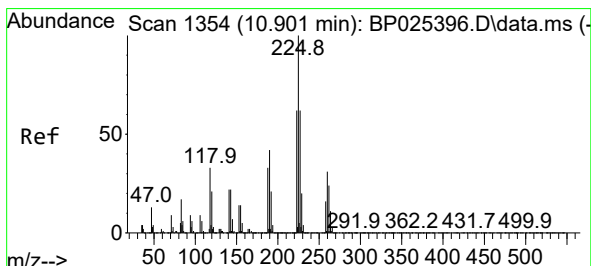
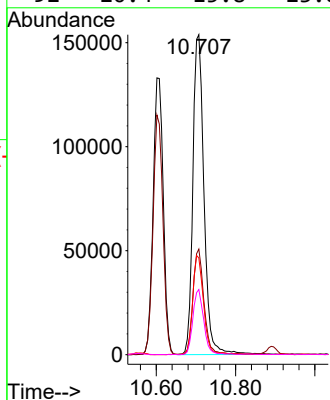
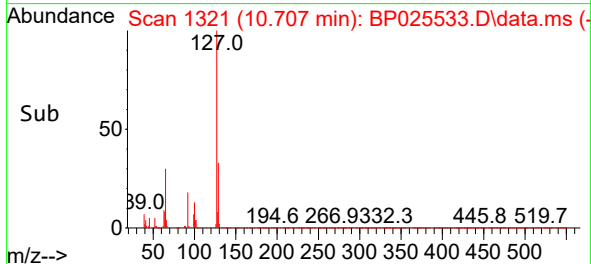
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



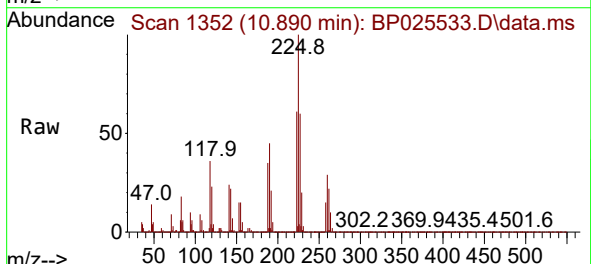
Tgt Ion:127 Resp: 300058
Ion Ratio Lower Upper
127 100
129 33.0 25.4 38.2
65 30.2 23.8 35.6
92 20.4 15.8 23.8

Manual Integrations
APPROVED

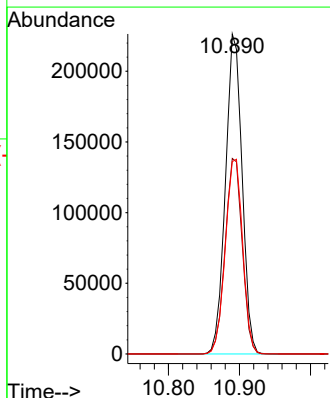
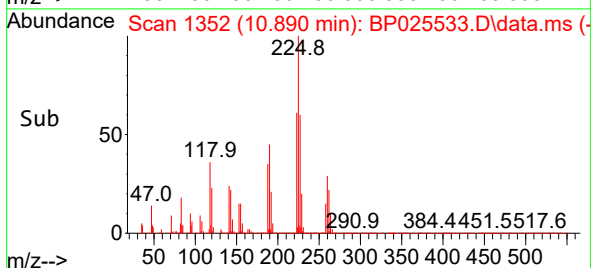
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

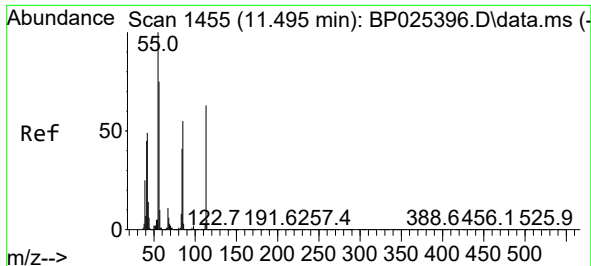


#34
Hexachlorobutadiene
Concen: 45.042 ng
RT: 10.890 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



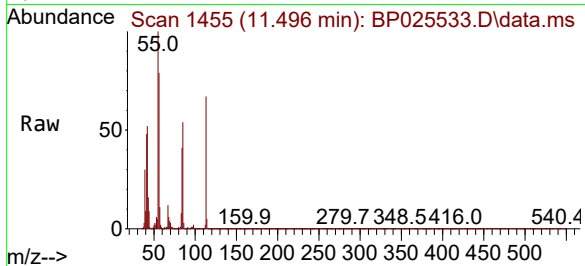
Tgt Ion:225 Resp: 367445
Ion Ratio Lower Upper
225 100
223 61.1 50.0 75.0
227 60.1 49.7 74.5





#35
Caprolactam
Concen: 43.129 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

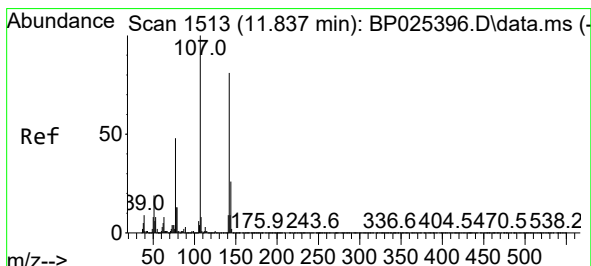
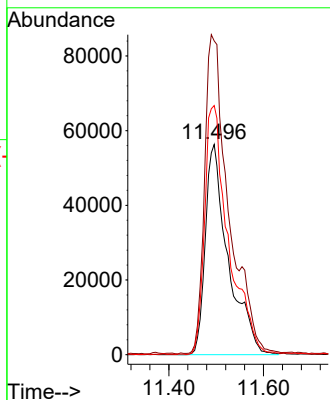
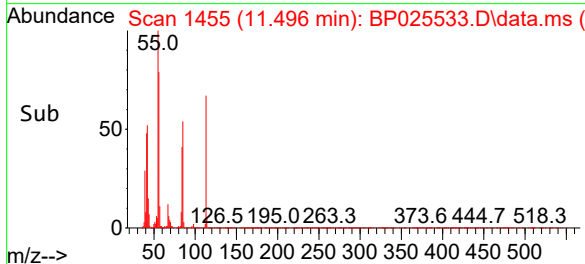
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



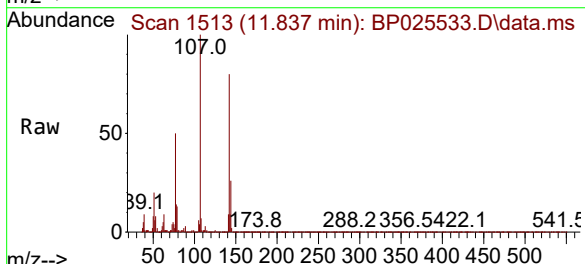
Tgt Ion:113 Resp: 188979
Ion Ratio Lower Upper
113 100
55 149.2 140.0 180.0
56 118.4 100.0 140.0

Manual Integrations
APPROVED

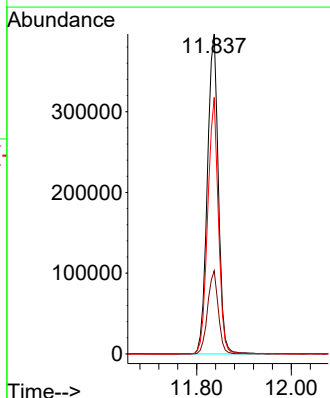
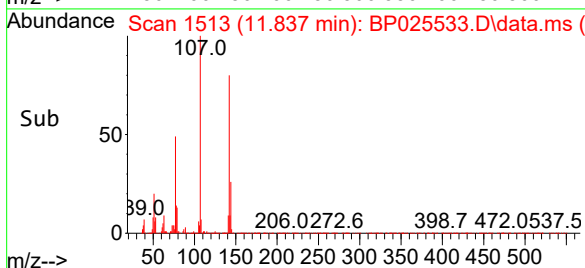
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

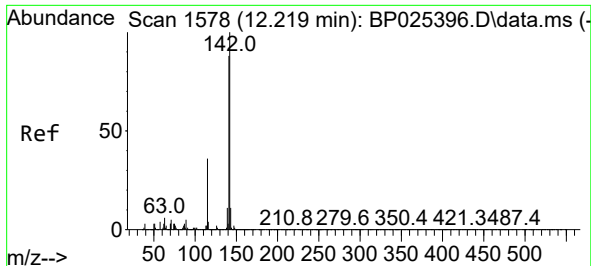


#36
4-Chloro-3-methylphenol
Concen: 46.596 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



Tgt Ion:107 Resp: 638909
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.4
142 80.1 64.6 97.0





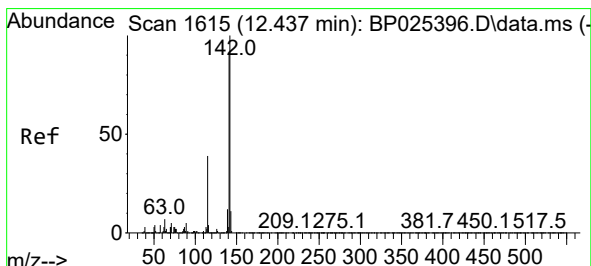
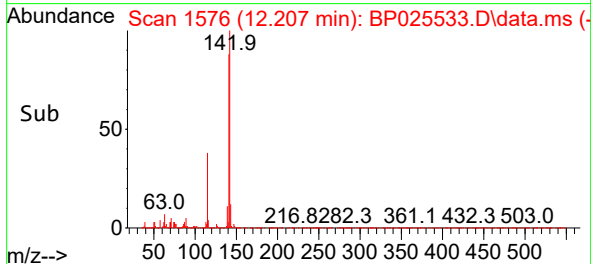
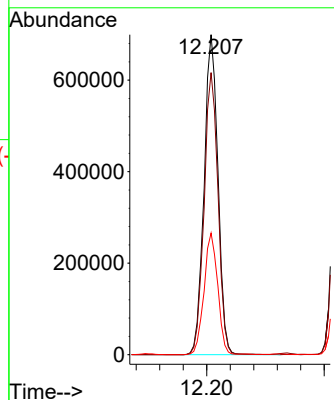
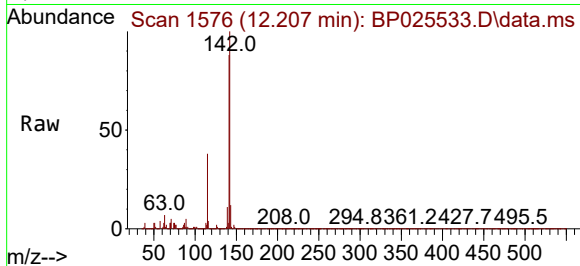
#37
2-Methylnaphthalene
Concen: 44.083 ng
RT: 12.207 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD

Tgt Ion:142 Resp: 115030
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 38.0 28.9 43.3

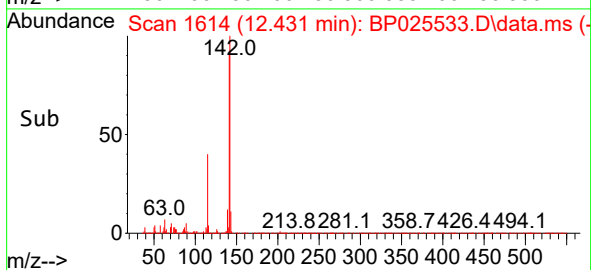
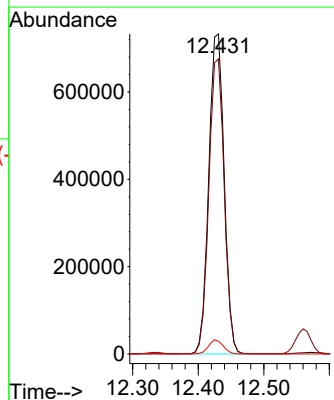
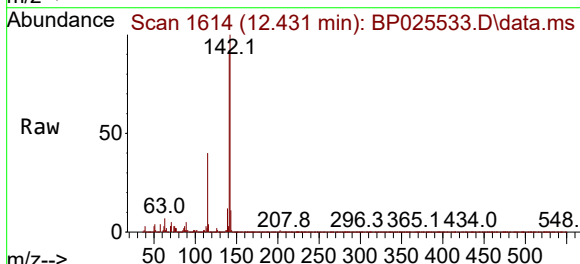
Manual Integrations
APPROVED

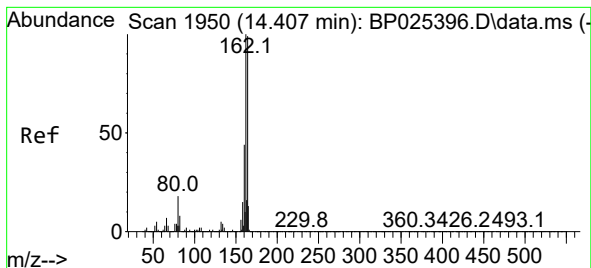
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#38
1-Methylnaphthalene
Concen: 43.105 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

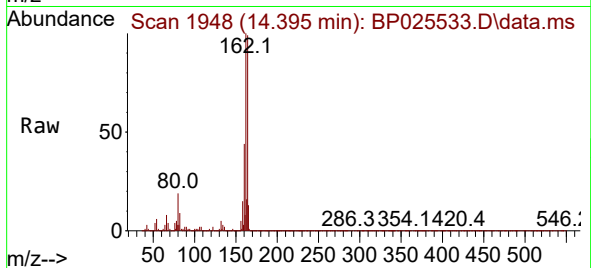
Tgt Ion:142 Resp: 1196163
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

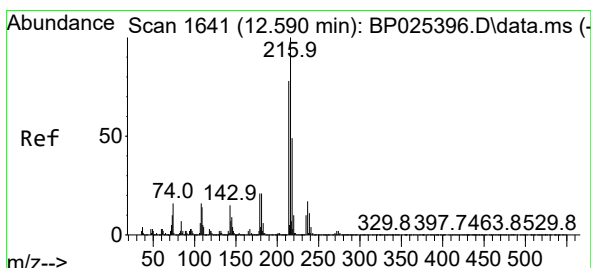
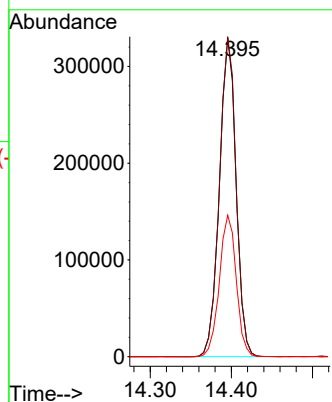
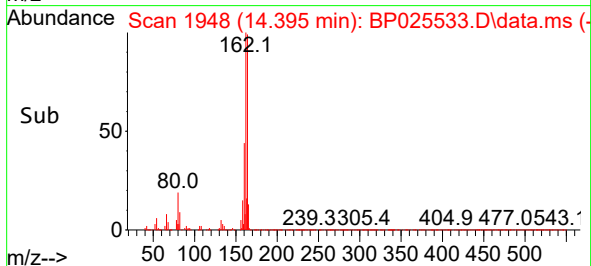
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



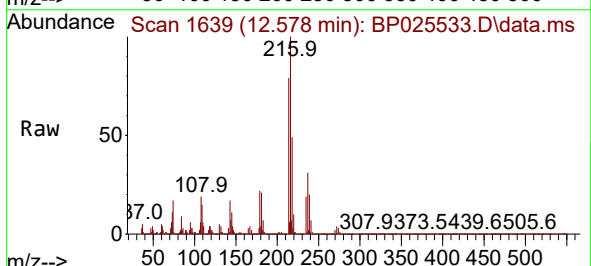
Tgt Ion:164 Resp: 470940
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 44.4 35.4 53.2

Manual Integrations
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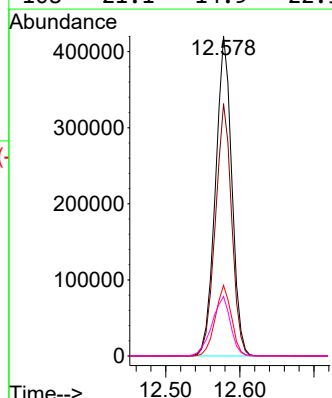
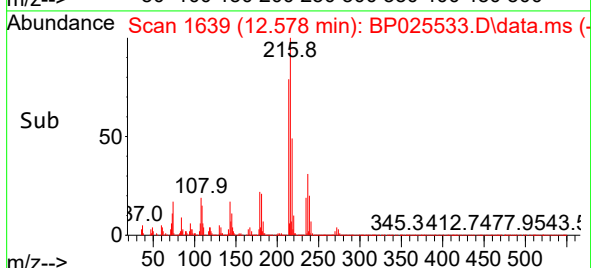
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.350 ng
RT: 12.578 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



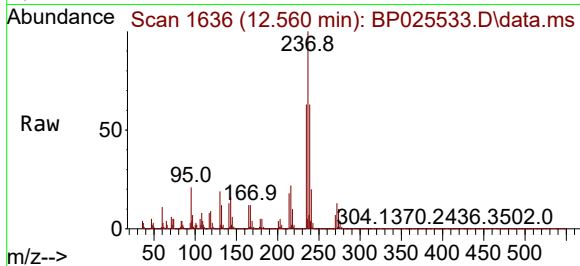
Tgt Ion:216 Resp: 644021
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.8 17.1 25.7
108 21.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 89.929 ng
RT: 12.560 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

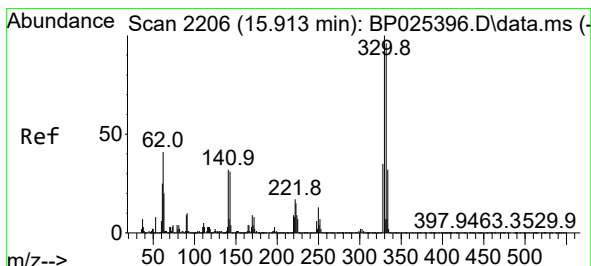
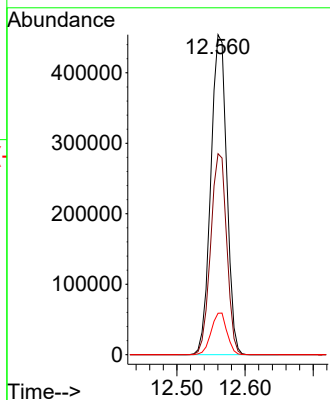
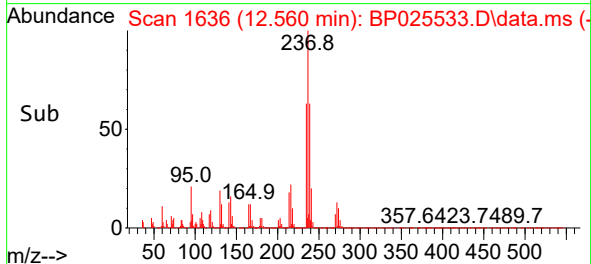
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:237 Resp: 73883
Ion Ratio Lower Upper
237 100
235 62.8 42.7 82.7
272 12.9 0.0 34.0

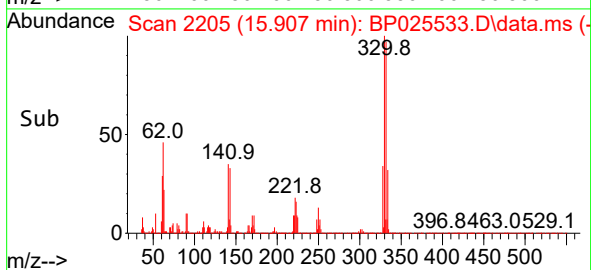
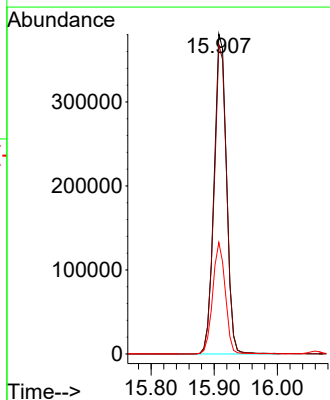
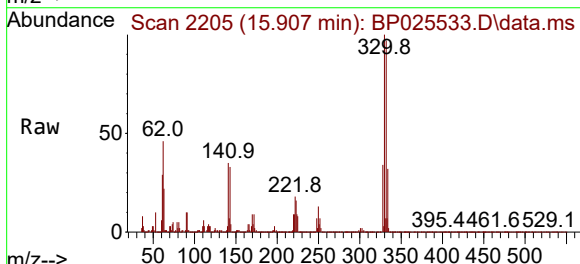
Manual Integrations
APPROVED

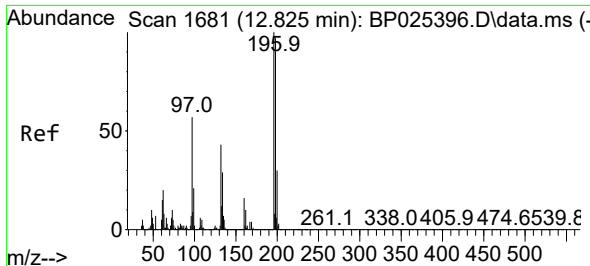
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#42
2,4,6-Tribromophenol
Concen: 82.433 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

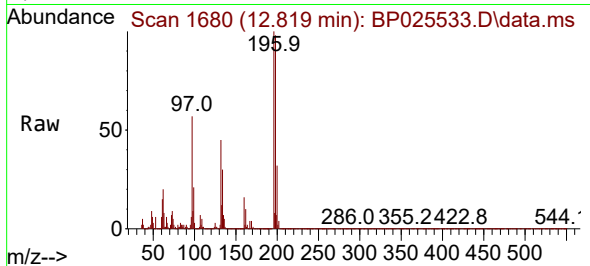
Tgt Ion:330 Resp: 522534
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.1 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 49.875 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

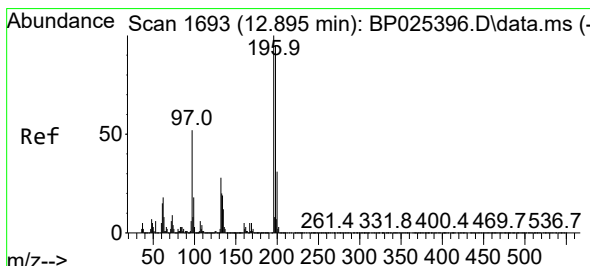
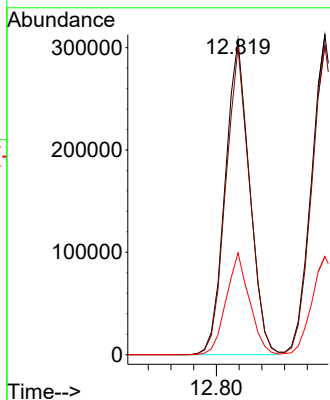
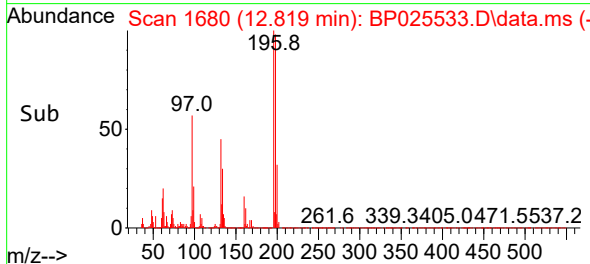
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



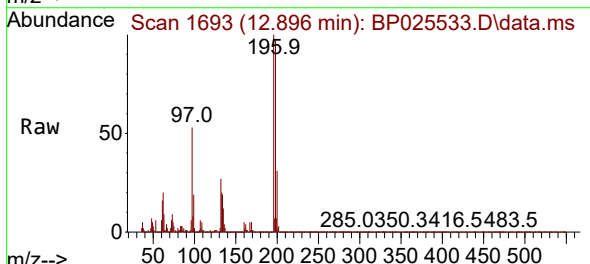
Tgt Ion:196 Resp: 45797
Ion Ratio Lower Upper
196 100
198 97.7 77.2 115.8
200 32.3 23.9 35.9

Manual Integrations
APPROVED

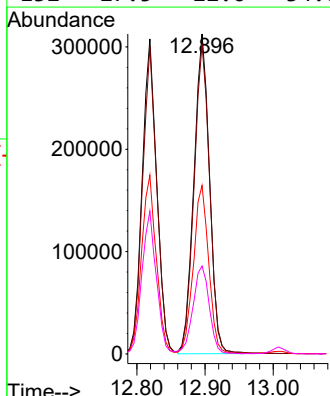
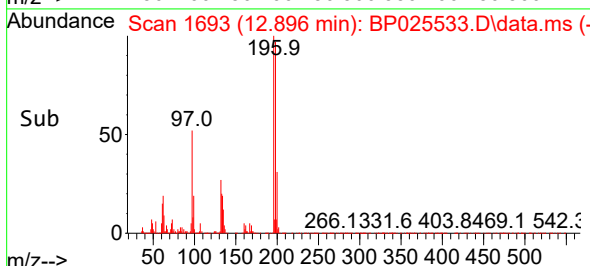
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

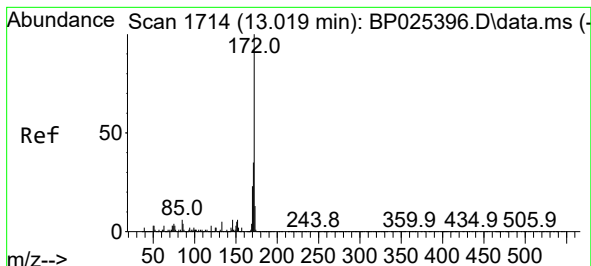


#44
2,4,5-Trichlorophenol
Concen: 49.411 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



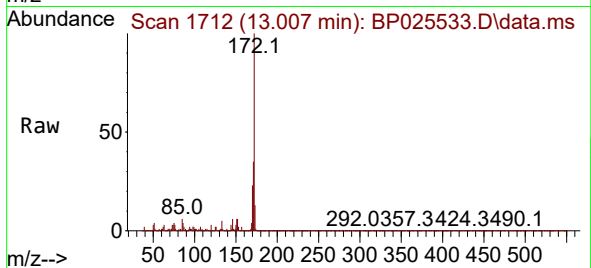
Tgt Ion:196 Resp: 497251
Ion Ratio Lower Upper
196 100
198 96.7 76.2 114.2
97 52.7 41.2 61.8
132 27.5 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 51.997 ng
RT: 13.007 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

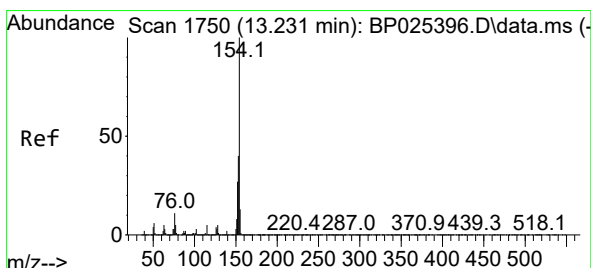
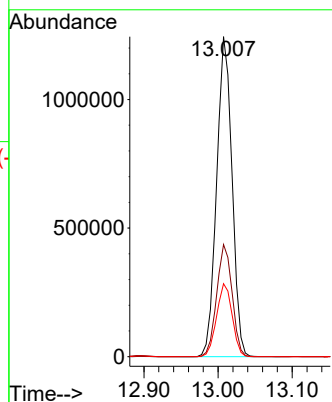
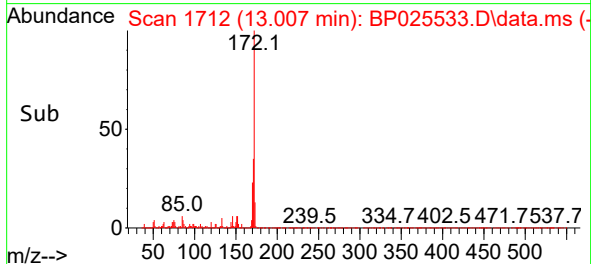
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:172 Resp: 1791730
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.8 18.6 28.0

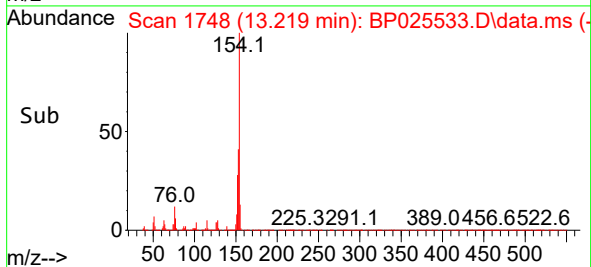
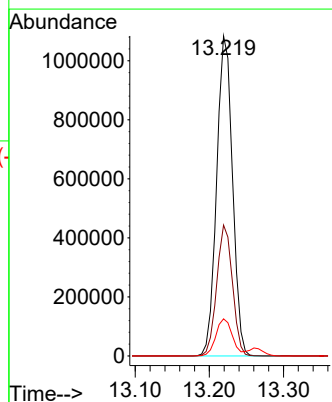
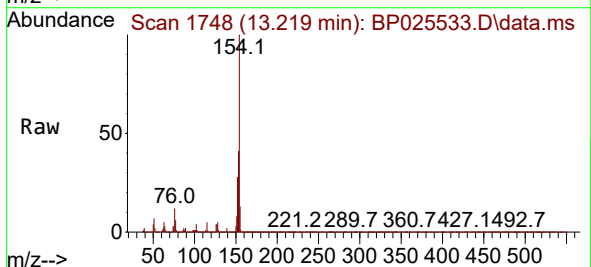
Manual Integrations
APPROVED

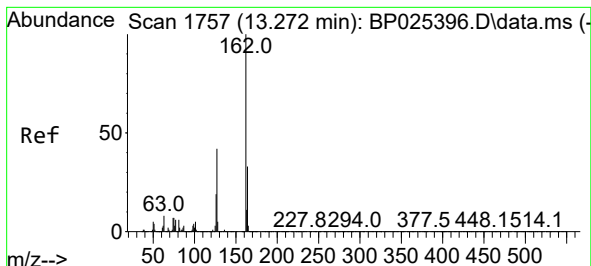
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#46
1,1'-Biphenyl
Concen: 47.056 ng
RT: 13.219 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

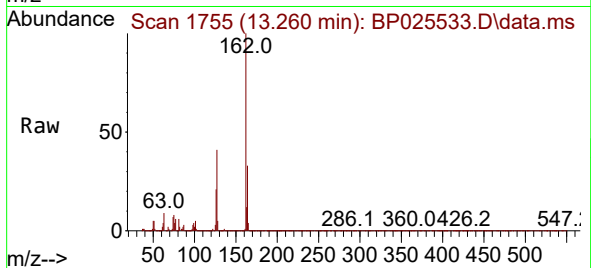
Tgt Ion:154 Resp: 1609444
Ion Ratio Lower Upper
154 100
153 40.9 19.5 59.5
76 11.6 0.0 31.1





#47
2-Chloronaphthalene
Concen: 47.294 ng
RT: 13.260 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

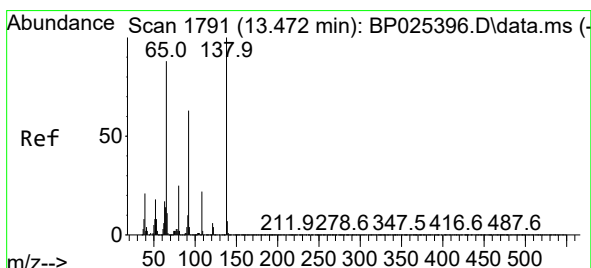
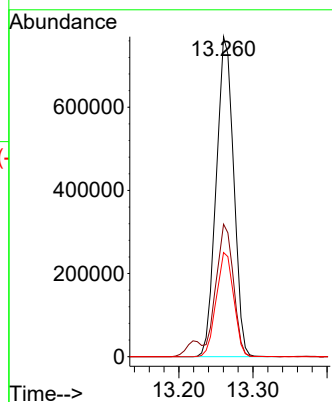
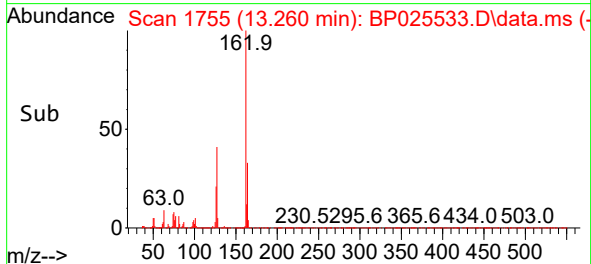
Instrument : BNA_P
ClientSampleId : DRILL CUTTING 1-3 COMPMSD



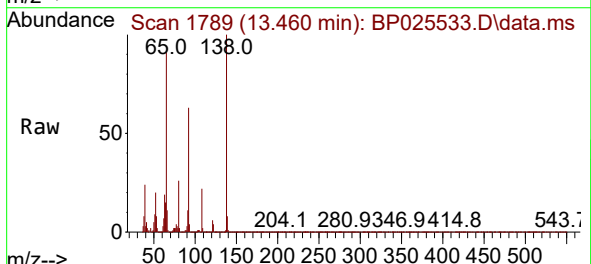
Tgt Ion:162 Resp: 1259254
Ion Ratio Lower Upper
162 100
127 41.4 33.4 50.2
164 32.5 26.2 39.2

Manual Integrations
APPROVED

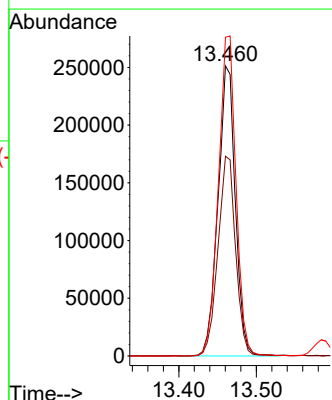
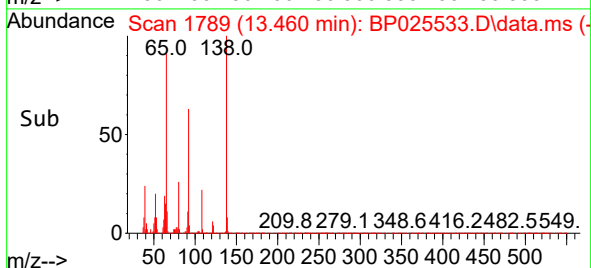
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

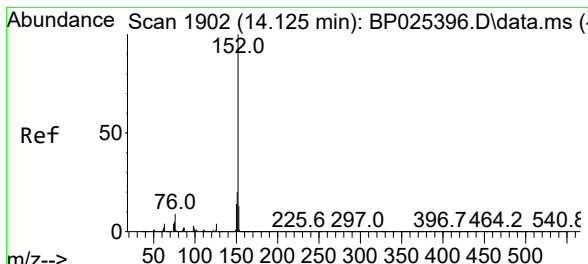


#48
2-Nitroaniline
Concen: 50.341 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



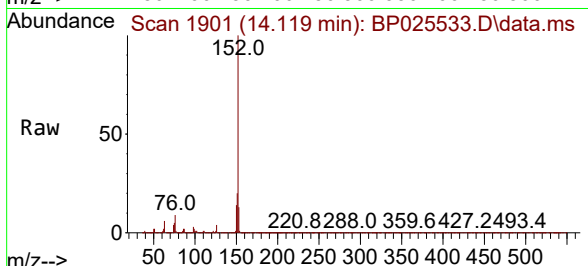
Tgt Ion: 65 Resp: 390555
Ion Ratio Lower Upper
65 100
92 68.8 57.6 86.4
138 109.9 91.0 136.6





#49
 Acenaphthylene
 Concen: 46.405 ng
 RT: 14.119 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: BP025533.D
 Acq: 21 Aug 2025 10:06

Instrument : BNA_P
 ClientSampleId : DRILL CUTTING 1-3 COMPMSD

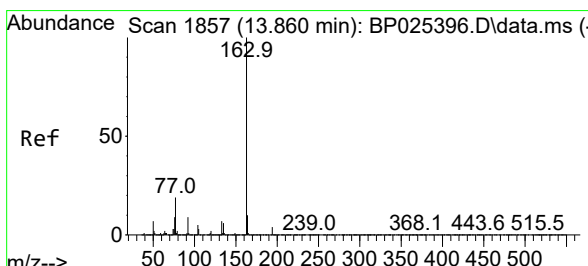
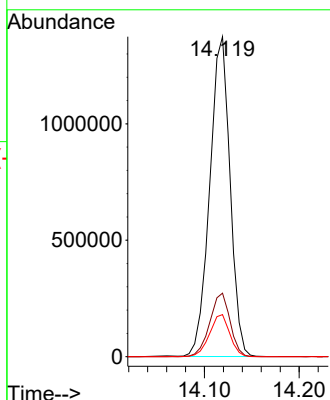
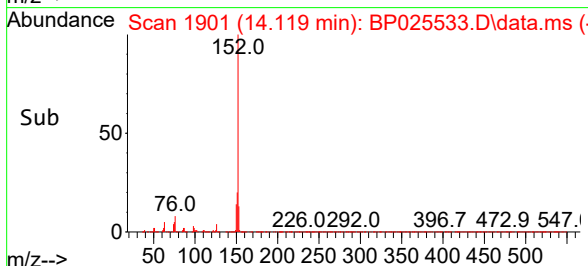


Tgt Ion:152 Resp: 204456

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.6	15.8

Manual Integrations
 APPROVED

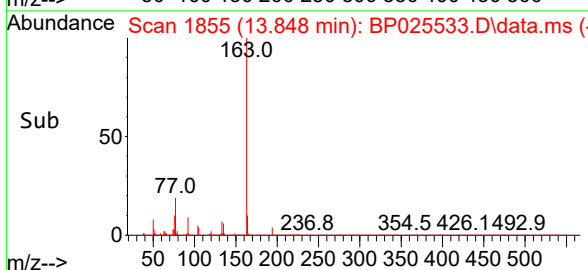
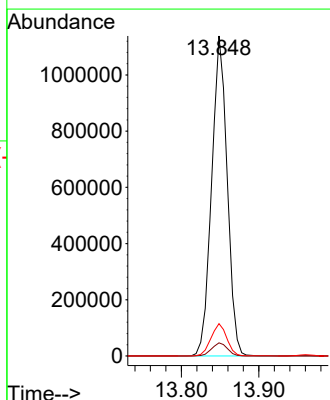
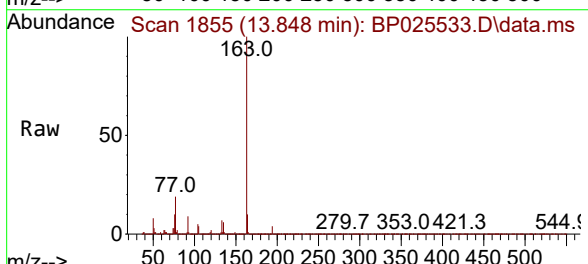
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

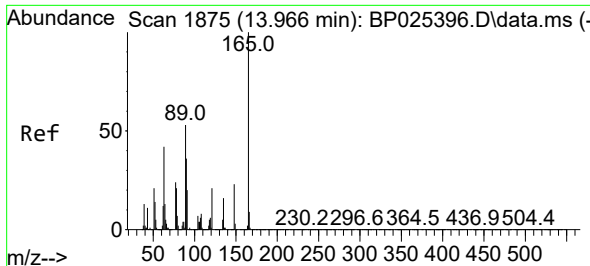


#50
 Dimethylphthalate
 Concen: 45.994 ng
 RT: 13.848 min Scan# 1855
 Delta R.T. -0.012 min
 Lab File: BP025533.D
 Acq: 21 Aug 2025 10:06

Tgt Ion:163 Resp: 1586170

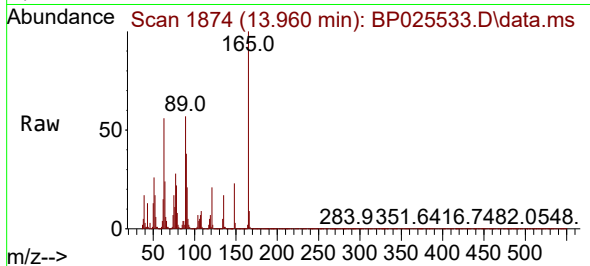
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 48.070 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

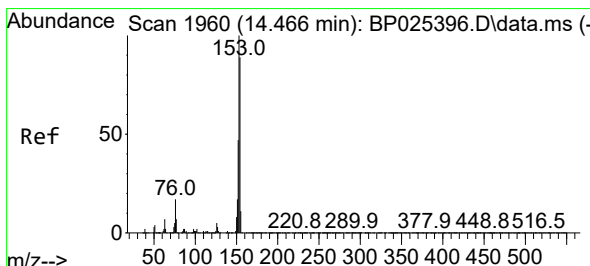
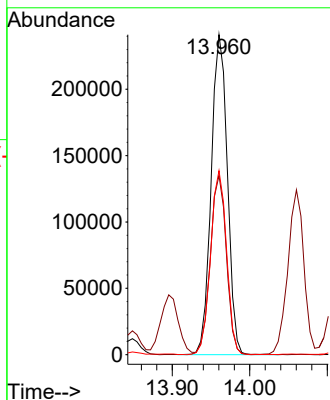
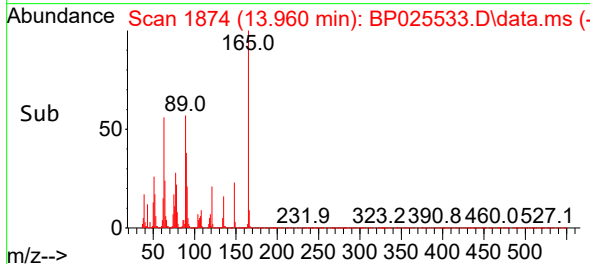
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:165 Resp: 34940
Ion Ratio Lower Upper
165 100
63 56.0 40.9 61.3
89 57.5 42.1 63.1

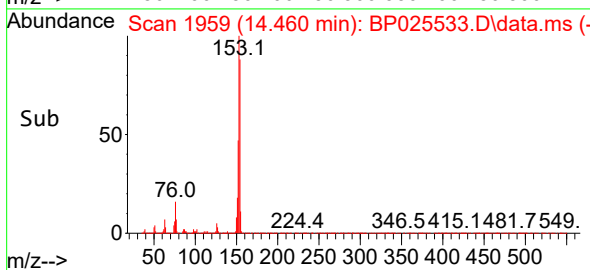
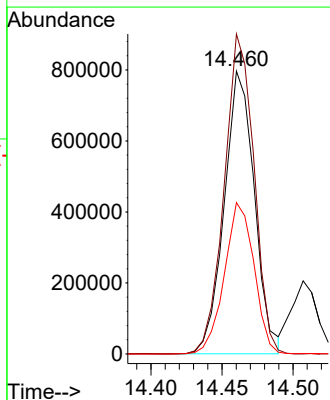
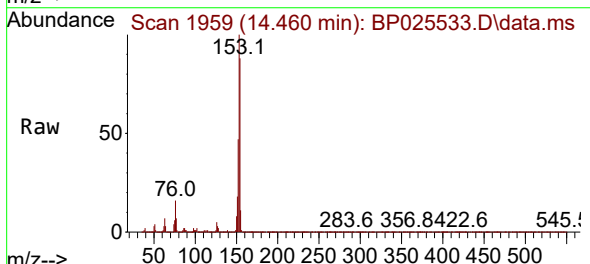
Manual Integrations
APPROVED

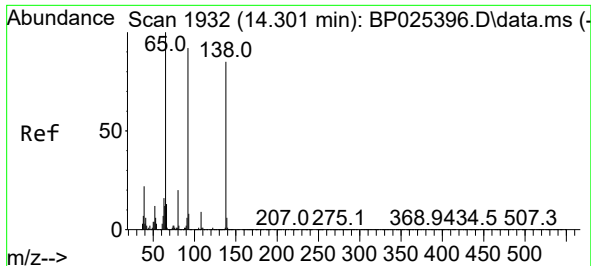
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#52
Acenaphthene
Concen: 45.570 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

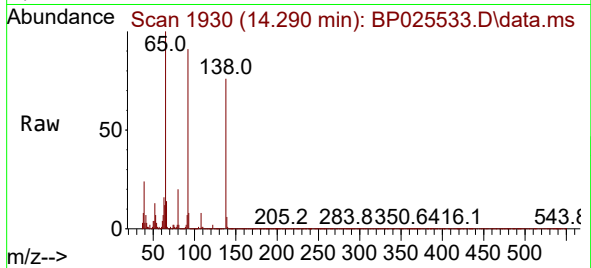
Tgt Ion:154 Resp: 1178511
Ion Ratio Lower Upper
154 100
153 113.1 90.2 135.2
152 53.5 42.1 63.1





#53
3-Nitroaniline
Concen: 28.467 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

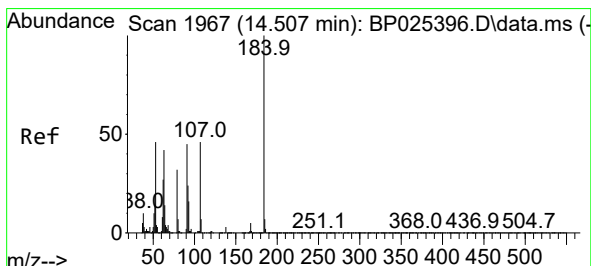
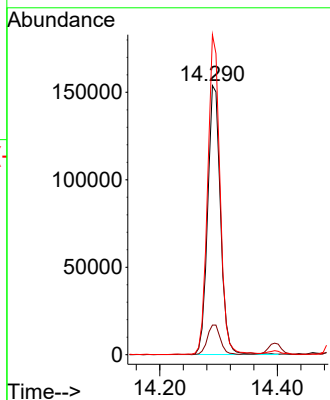
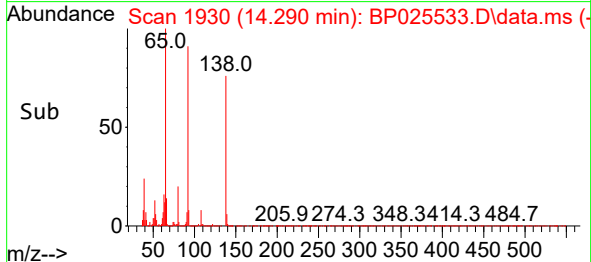
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:138 Resp: 23280
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 118.9 86.2 129.2

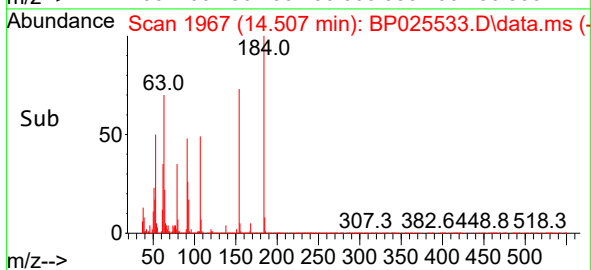
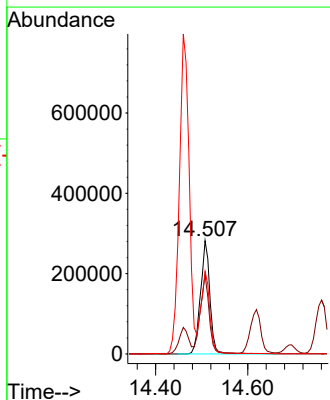
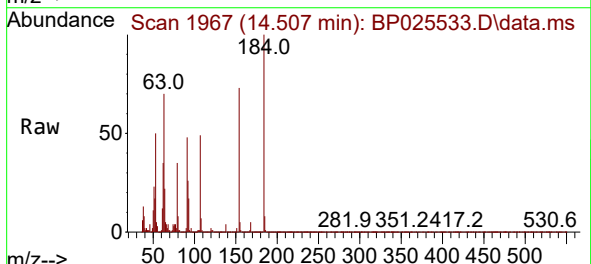
Manual Integrations
APPROVED

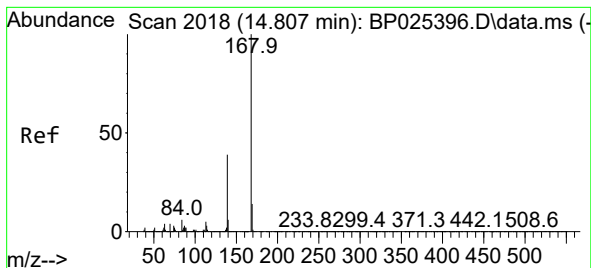
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#54
2,4-Dinitrophenol
Concen: 104.455 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

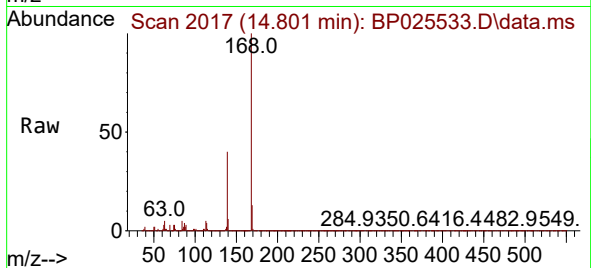
Tgt Ion:184 Resp: 405464
Ion Ratio Lower Upper
184 100
63 69.7 49.4 74.2
154 73.0 54.6 82.0





#55
Dibenzenofuran
Concen: 45.673 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

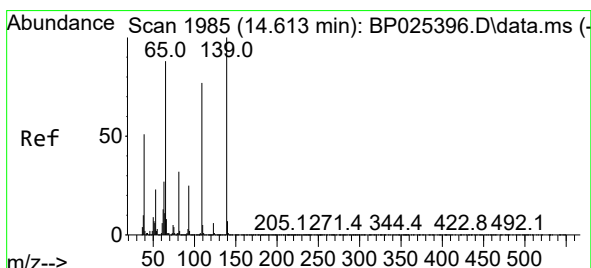
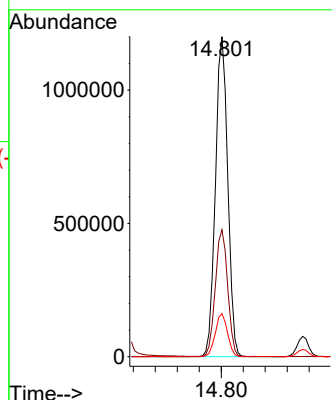
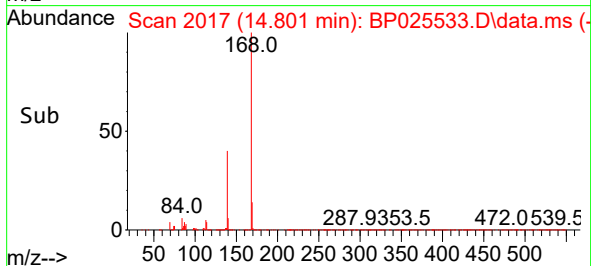
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



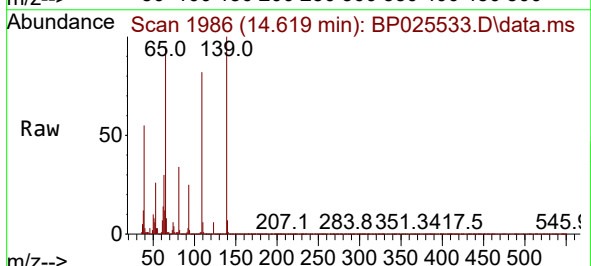
Tgt Ion:168 Resp: 1867468
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.5 10.9 16.3

Manual Integrations
APPROVED

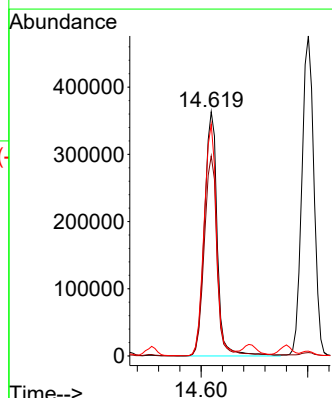
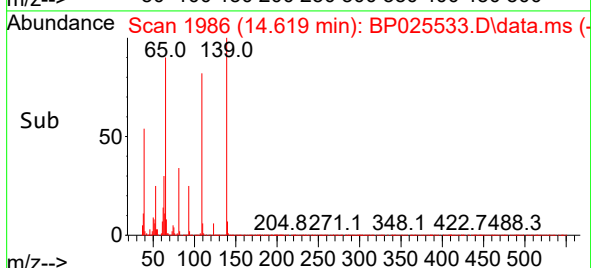
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

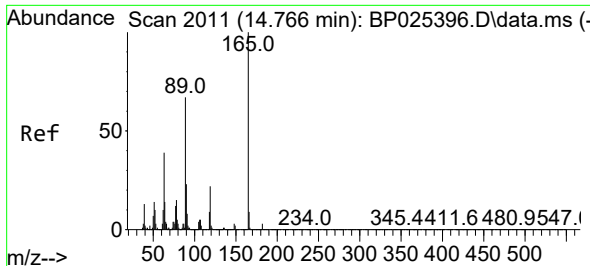


#56
4-Nitrophenol
Concen: 90.272 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



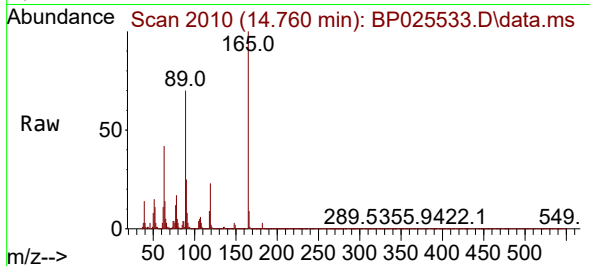
Tgt Ion:139 Resp: 606646
Ion Ratio Lower Upper
139 100
109 81.9 56.6 96.6
65 95.0 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 47.667 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

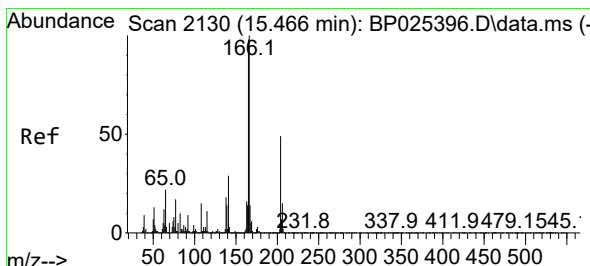
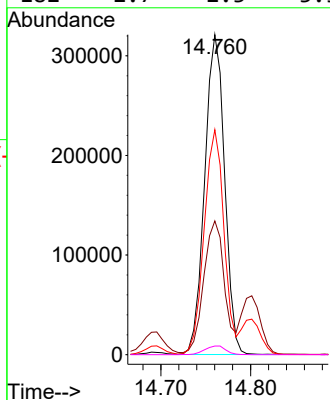
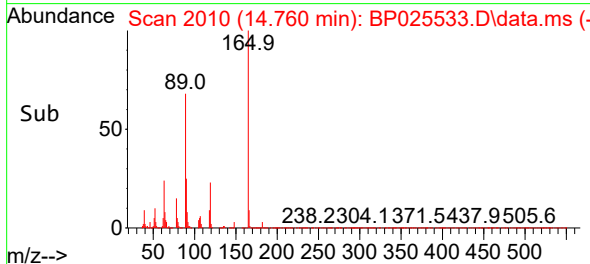
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:165 Resp: 49434
Ion Ratio Lower Upper
165 100
63 41.8 31.4 47.2
89 70.3 53.3 79.9
182 2.7 2.3 3.5

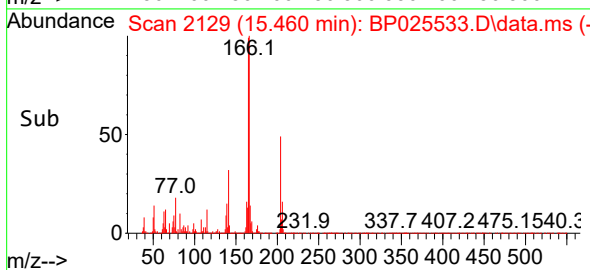
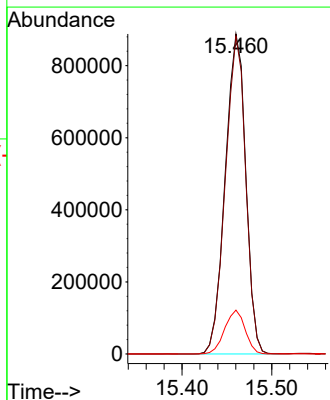
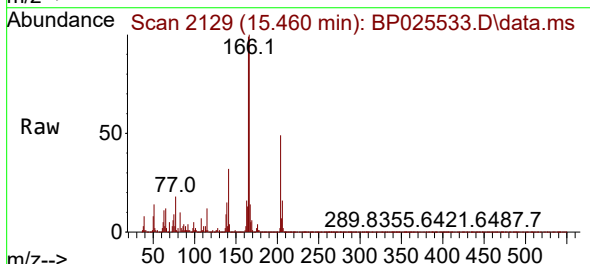
Manual Integrations
APPROVED

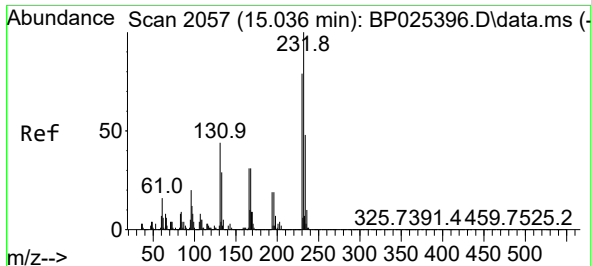
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#58
Fluorene
Concen: 43.823 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

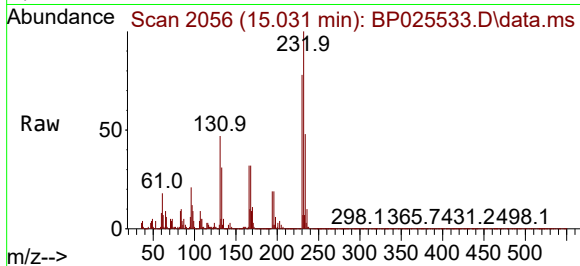
Tgt Ion:166 Resp: 1413855
Ion Ratio Lower Upper
166 100
165 99.3 78.8 118.2
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.303 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

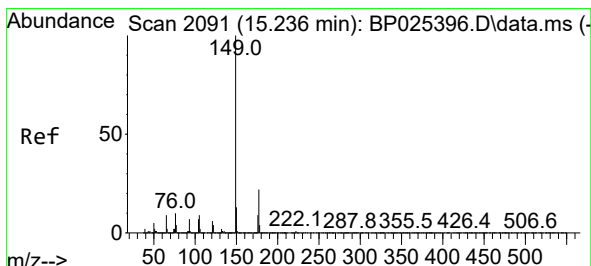
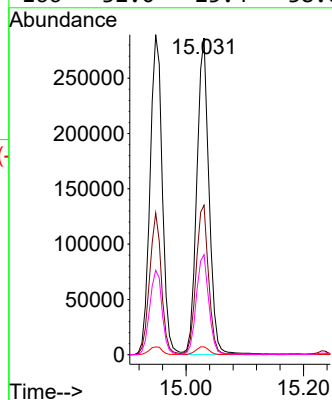
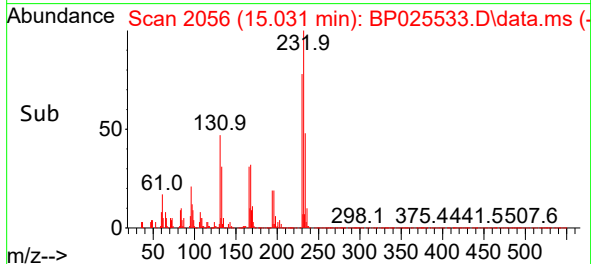
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:232 Resp: 411449
Ion Ratio Lower Upper
232 100
131 48.2 37.0 55.6
130 2.8 1.9 2.9
166 32.0 25.4 38.0

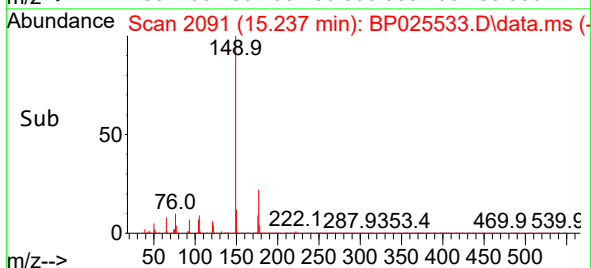
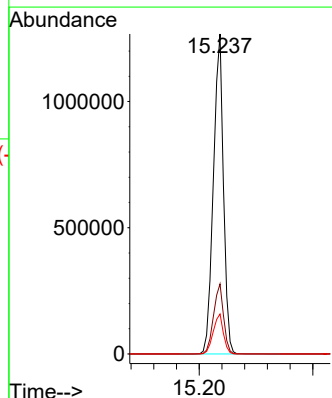
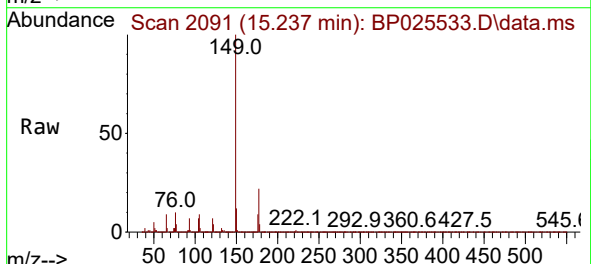
Manual Integrations
APPROVED

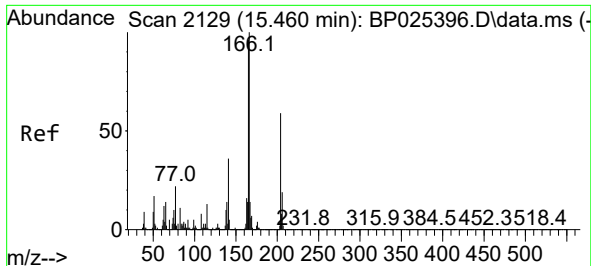
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#60
Diethylphthalate
Concen: 44.102 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

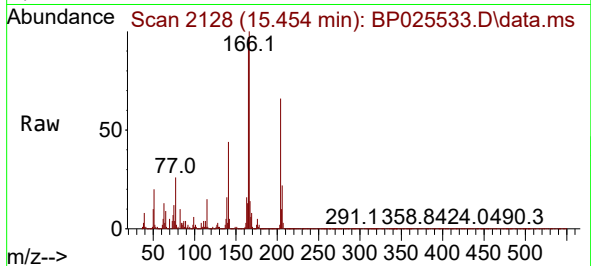
Tgt Ion:149 Resp: 1545410
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.034 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

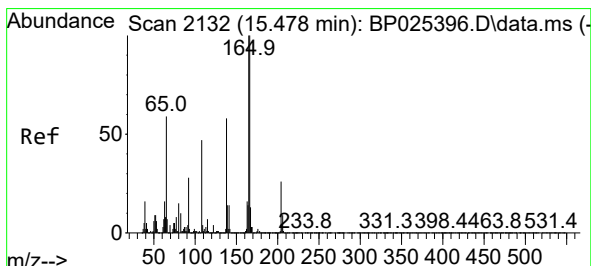
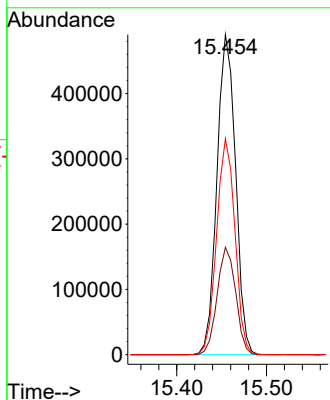
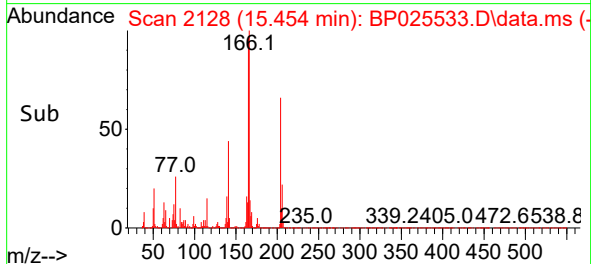
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:204 Resp: 706554
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.8
141 67.5 49.4 74.2

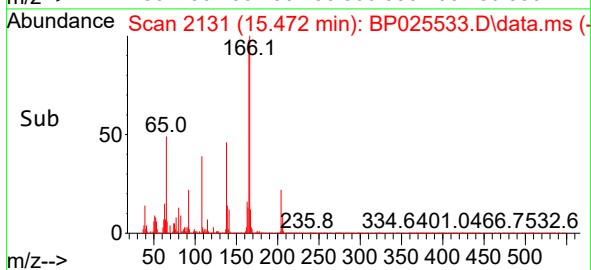
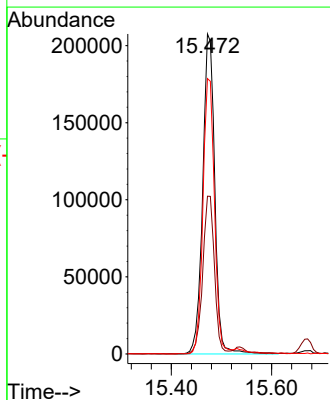
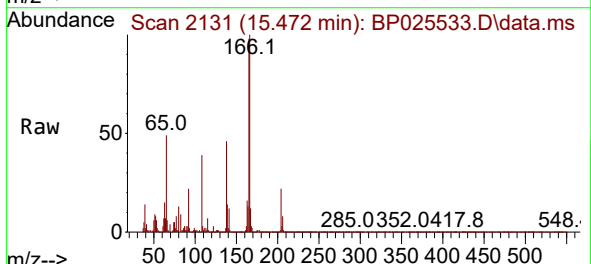
Manual Integrations
APPROVED

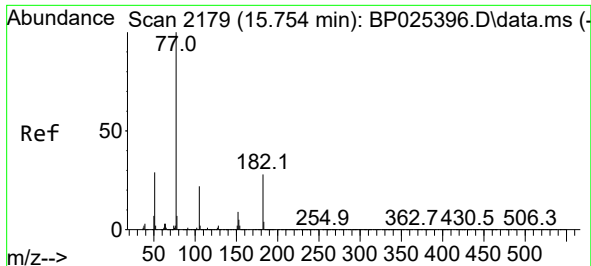
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#62
4-Nitroaniline
Concen: 41.501 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

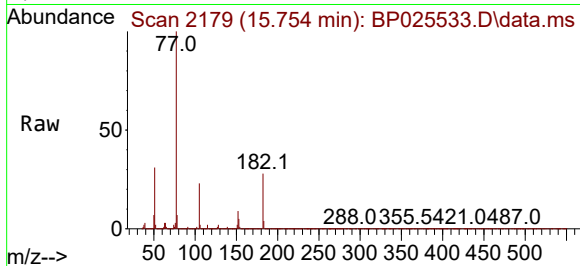
Tgt Ion:138 Resp: 347937
Ion Ratio Lower Upper
138 100
92 49.3 29.1 69.1
108 86.1 61.5 101.5





#63
Azobenzene
Concen: 50.317 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

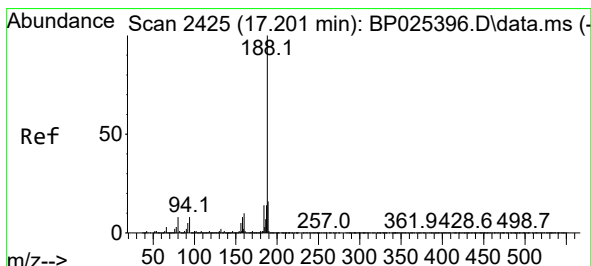
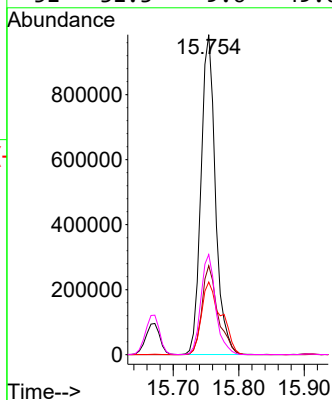
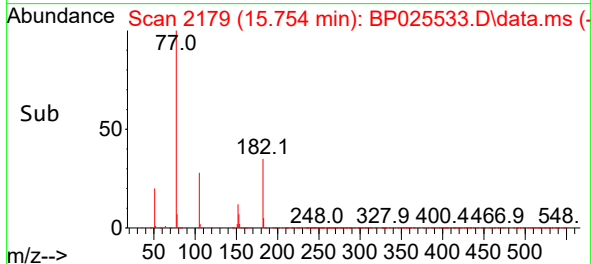
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion: 77 Resp: 150977
Ion Ratio Lower Upper
77 100
182 27.8 7.5 47.5
105 22.7 2.1 42.1
51 31.3 9.6 49.6

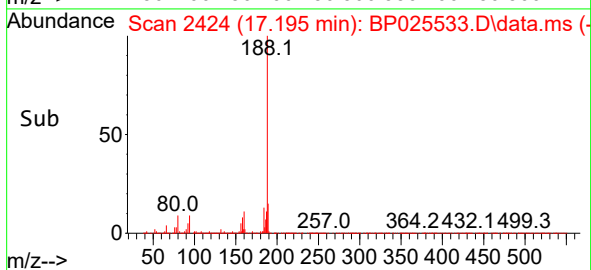
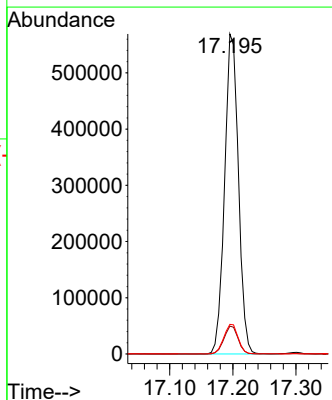
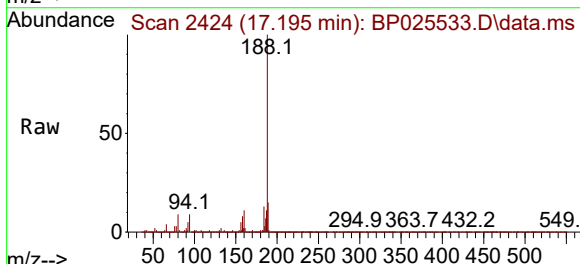
Manual Integrations
APPROVED

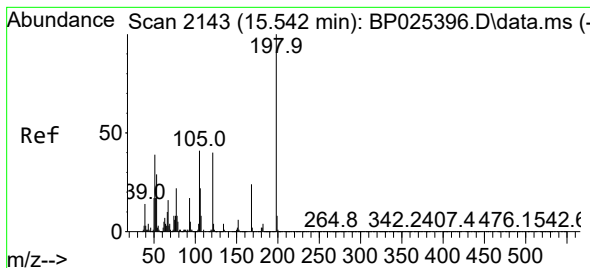
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

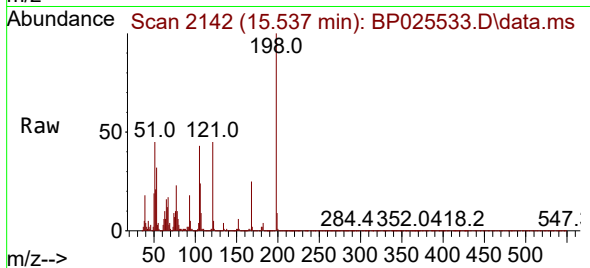
Tgt Ion:188 Resp: 863345
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.3 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 48.893 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

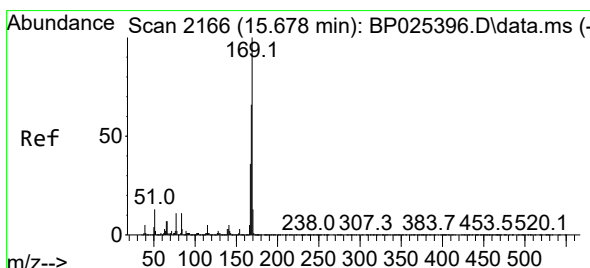
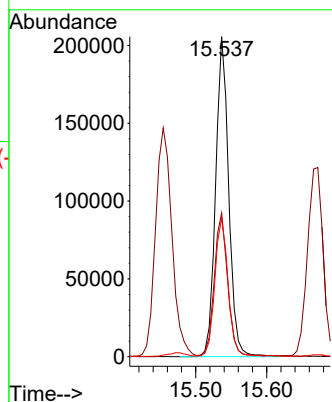
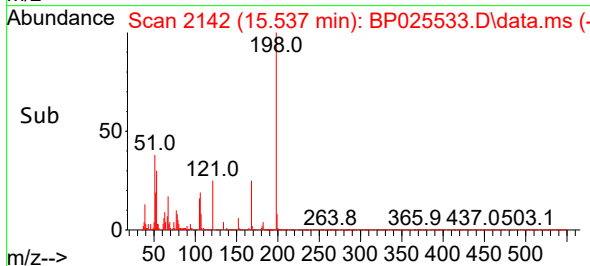
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:198 Resp: 26312
Ion Ratio Lower Upper
198 100
51 44.9 19.6 59.6
105 43.4 20.9 60.9

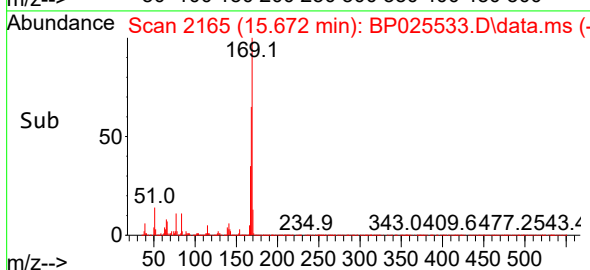
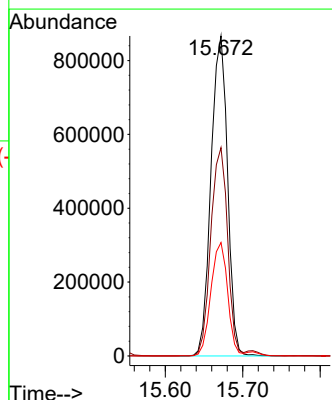
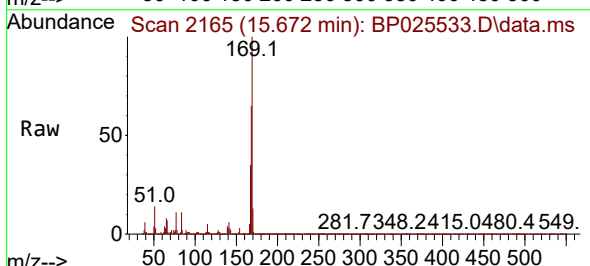
Manual Integrations
APPROVED

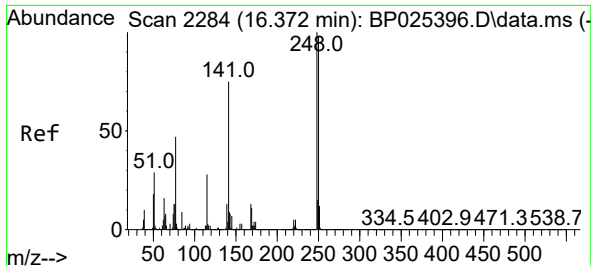
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#66
n-Nitrosodiphenylamine
Concen: 48.752 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

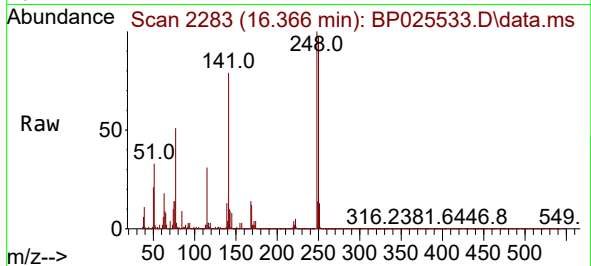
Tgt Ion:169 Resp: 1283484
Ion Ratio Lower Upper
169 100
168 65.1 53.2 79.8
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.800 ng
RT: 16.366 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

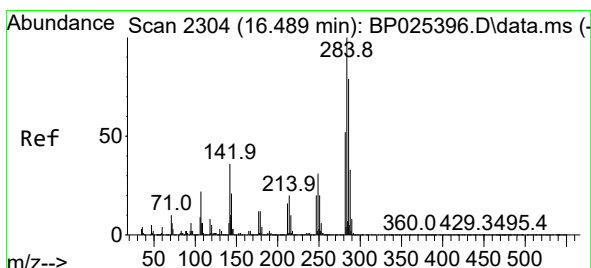
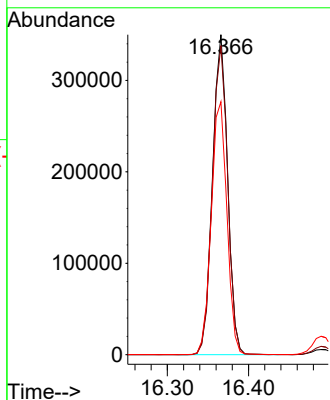
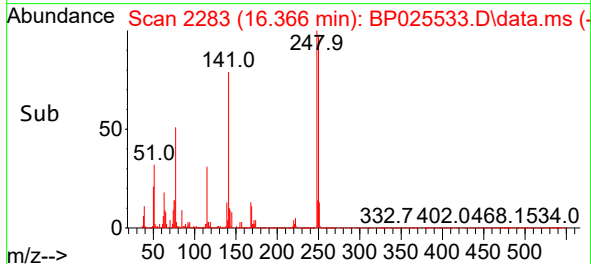
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:248 Resp: 453875
Ion Ratio Lower Upper
248 100
250 96.6 78.2 117.2
141 79.0 59.6 89.4

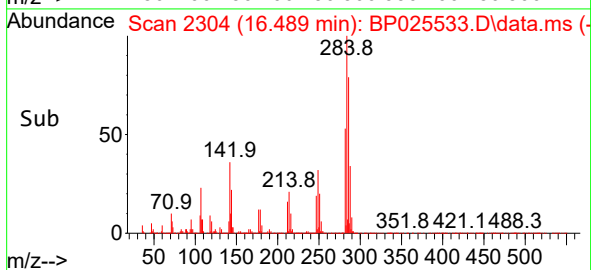
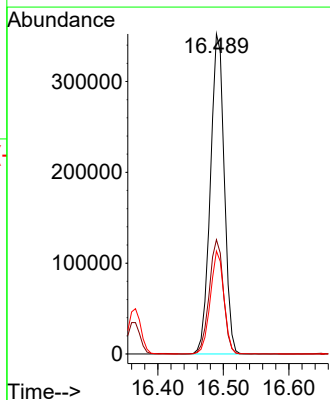
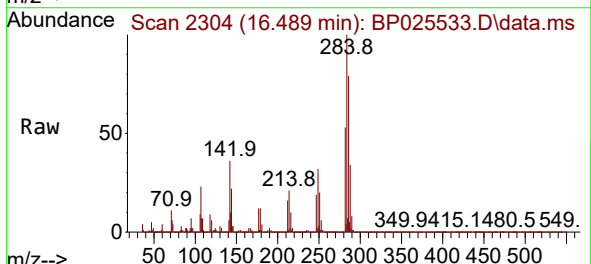
Manual Integrations
APPROVED

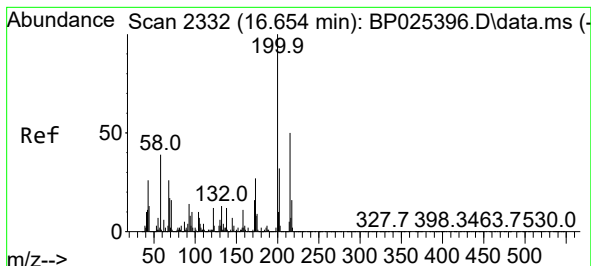
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#68
Hexachlorobenzene
Concen: 47.030 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

Tgt Ion:284 Resp: 517656
Ion Ratio Lower Upper
284 100
142 35.7 29.1 43.7
249 32.2 25.0 37.4





#69

Atrazine

Concen: 44.775 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMPMSD

Tgt Ion:200 Resp: 441450

Ion Ratio Lower Upper

200 100

173 27.1 6.7 46.7

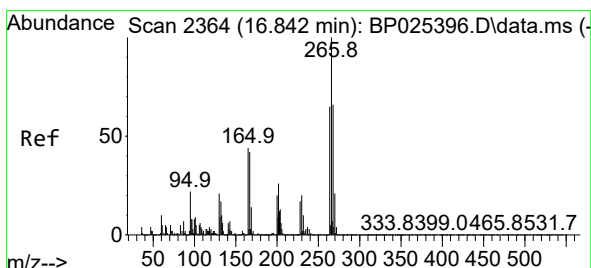
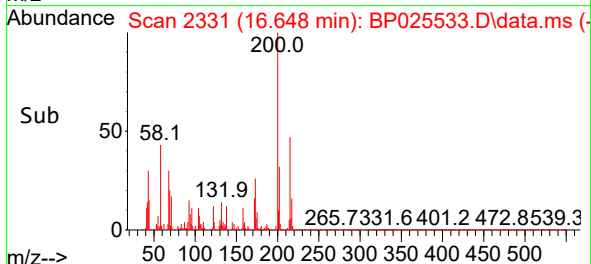
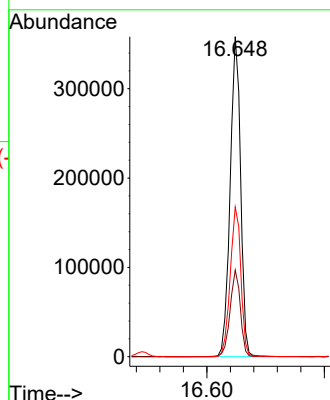
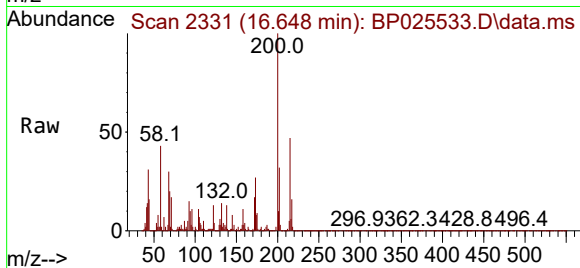
215 46.7 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#70

Pentachlorophenol

Concen: 94.859 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

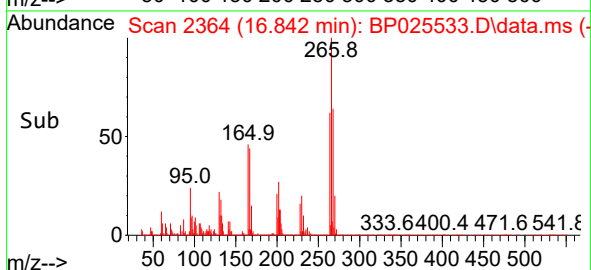
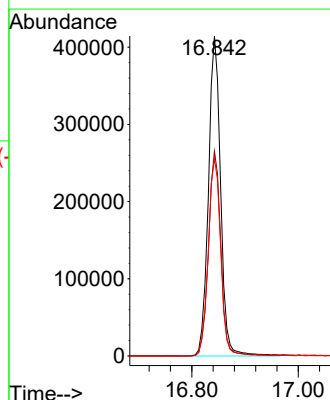
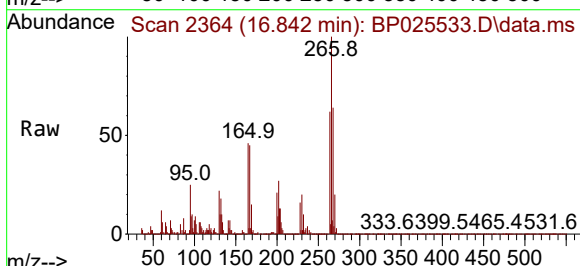
Tgt Ion:266 Resp: 659090

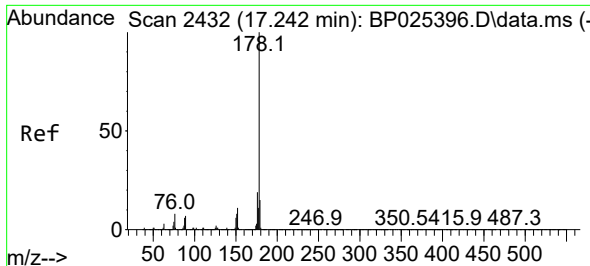
Ion Ratio Lower Upper

266 100

268 64.0 52.6 79.0

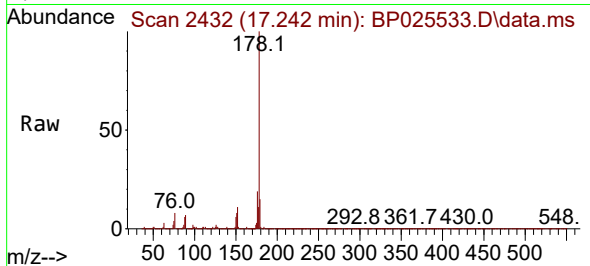
264 61.6 52.0 78.0





#71
Phenanthrene
Concen: 45.715 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

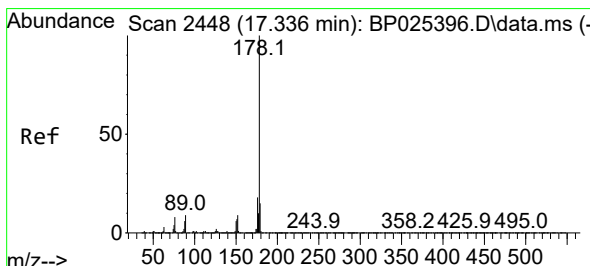
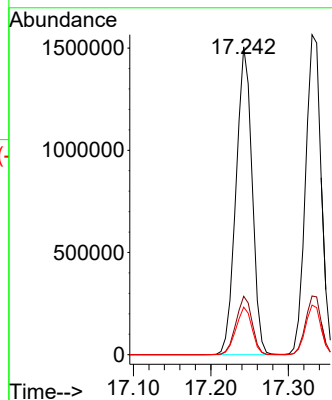
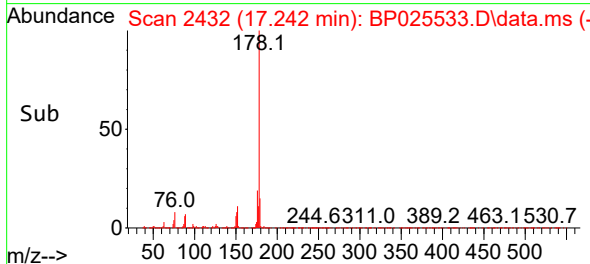
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:178 Resp: 2168100
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.5 12.2 18.4

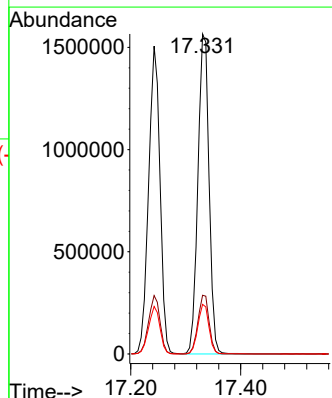
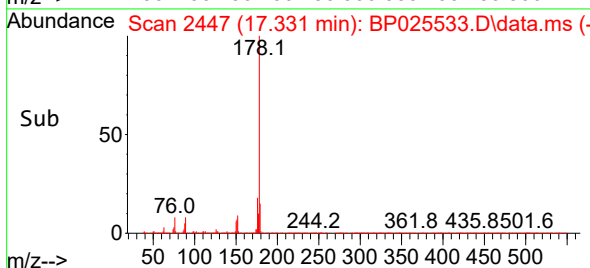
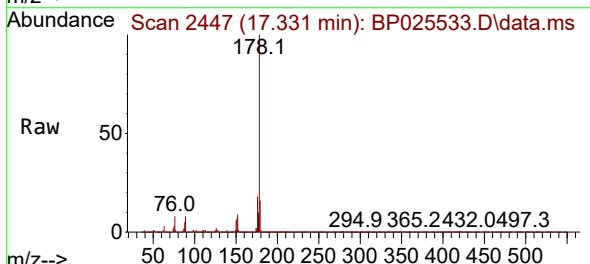
Manual Integrations
APPROVED

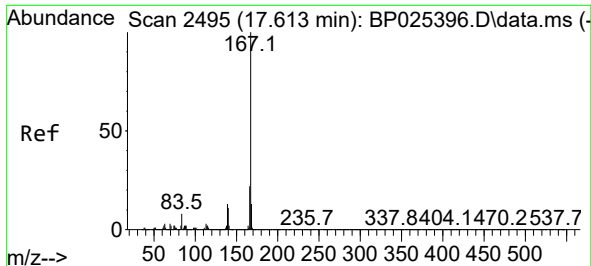
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#72
Anthracene
Concen: 45.583 ng
RT: 17.331 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

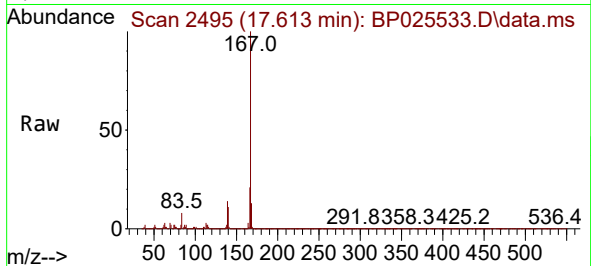
Tgt Ion:178 Resp: 2207693
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 43.796 ng
 RT: 17.613 min Scan# 2495
 Delta R.T. 0.000 min
 Lab File: BP025533.D
 Acq: 21 Aug 2025 10:06

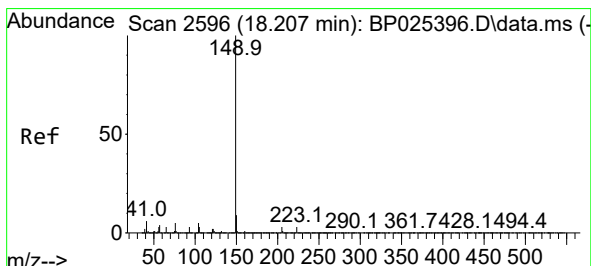
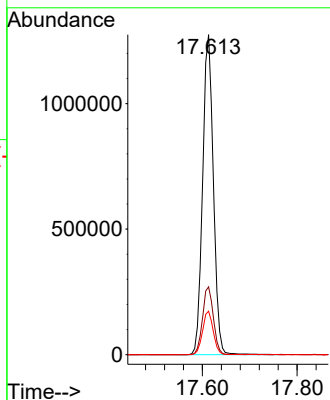
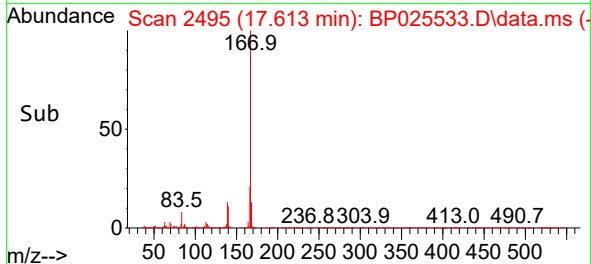
Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 1-3 COMPMSD



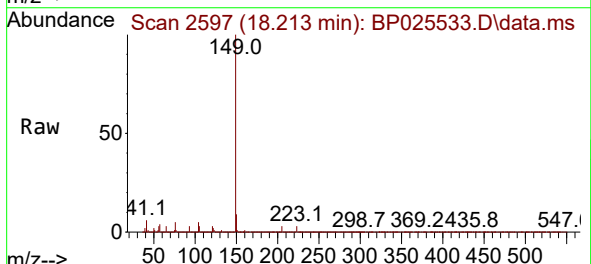
Tgt Ion:167 Resp: 1997934
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.5 26.3
 139 13.6 10.6 16.0

Manual Integrations
 APPROVED

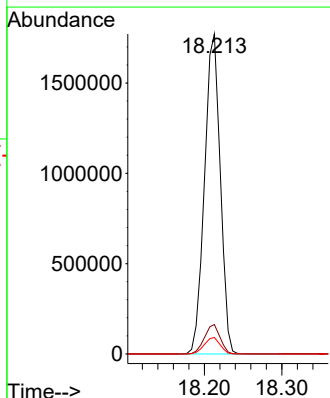
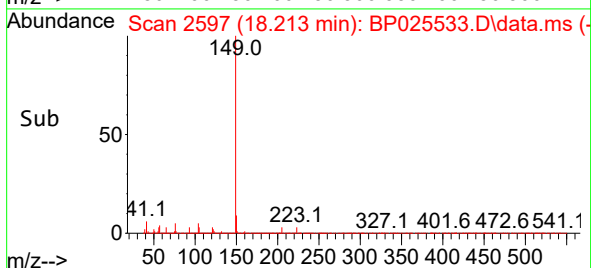
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

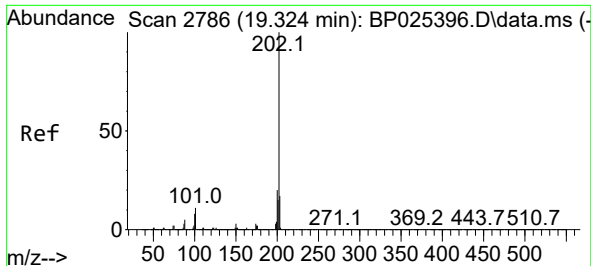


#74
 Di-n-butylphthalate
 Concen: 44.580 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025533.D
 Acq: 21 Aug 2025 10:06



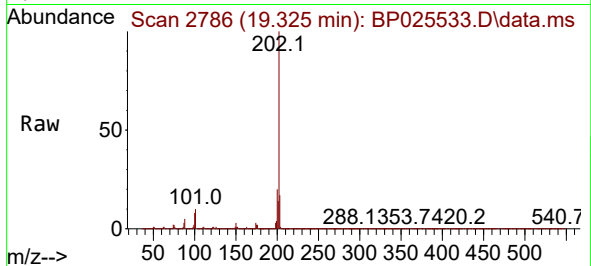
Tgt Ion:149 Resp: 2502094
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 41.968 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

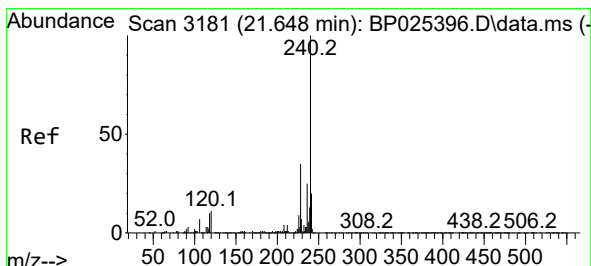
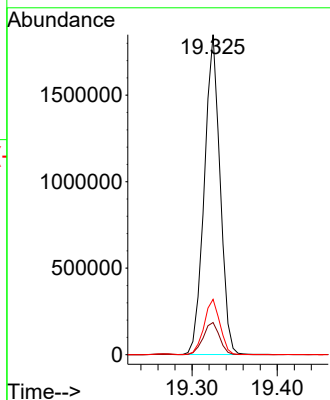
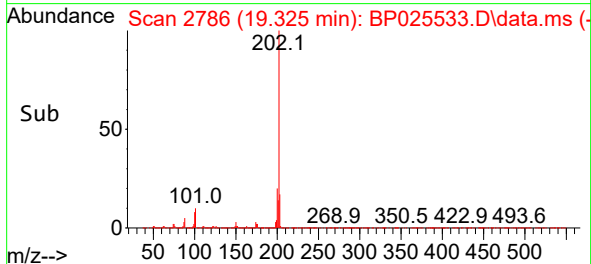
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:202 Resp: 2374209
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.1
203 17.3 0.0 37.3

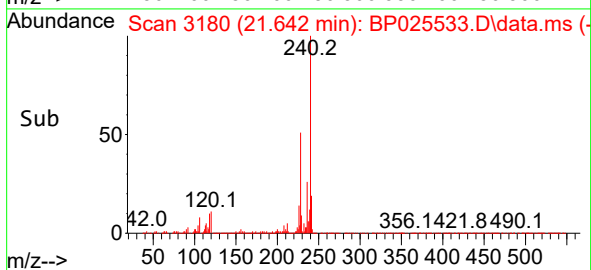
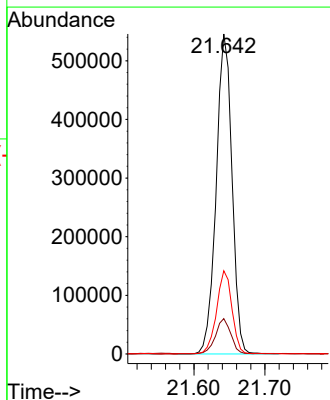
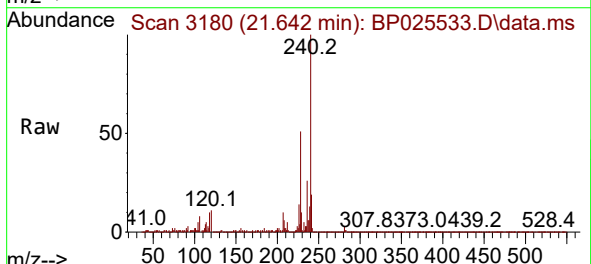
Manual Integrations
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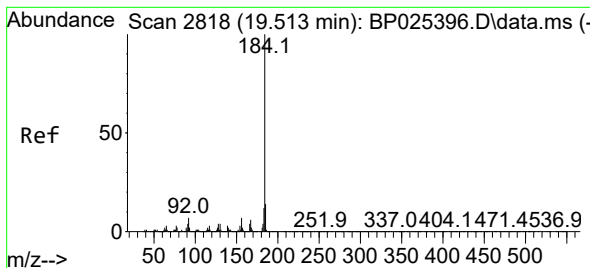
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

Tgt Ion:240 Resp: 839801
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.0 19.8 29.8





#77

Benzidine

Concen: 22.466 ng

RT: 19.519 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BP025533.D

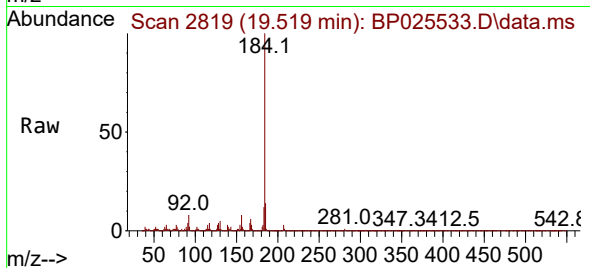
Acq: 21 Aug 2025 10:06

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMPMSD



Tgt Ion:184 Resp: 643898

Ion Ratio Lower Upper

184 100

185 13.7 11.5 17.3

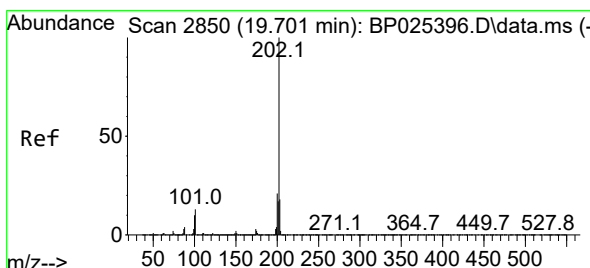
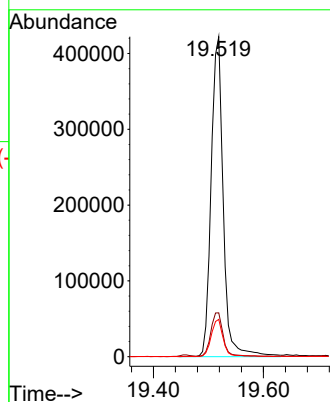
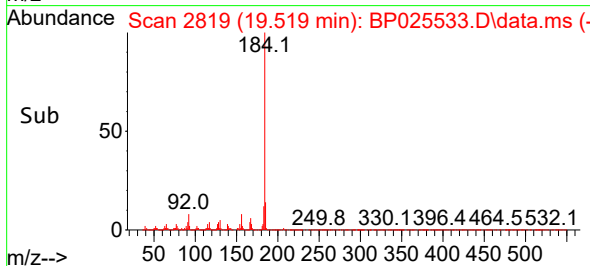
183 11.6 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#78

Pyrene

Concen: 45.207 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

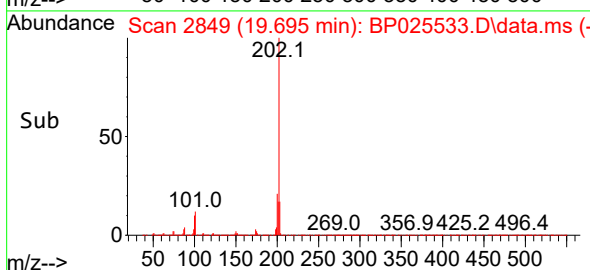
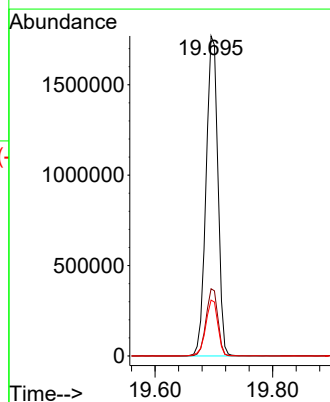
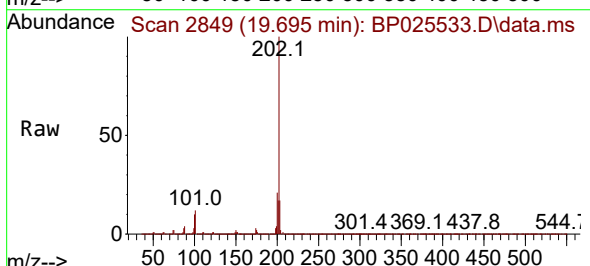
Tgt Ion:202 Resp: 2467626

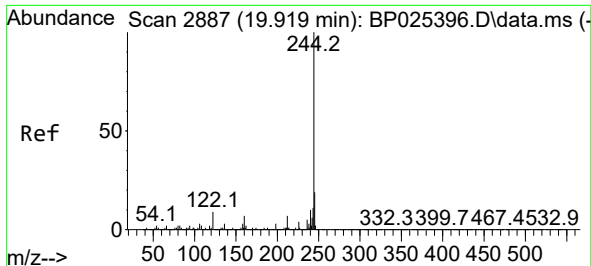
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

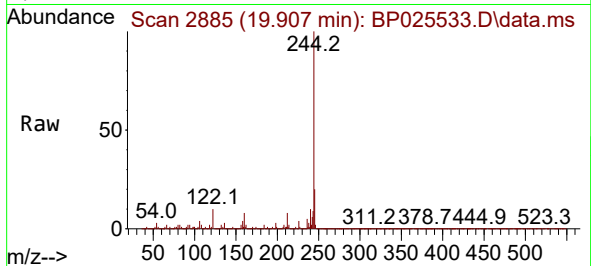
203 17.4 14.2 21.2





#79
 Terphenyl-d14
 Concen: 49.730 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025533.D
 Acq: 21 Aug 2025 10:06

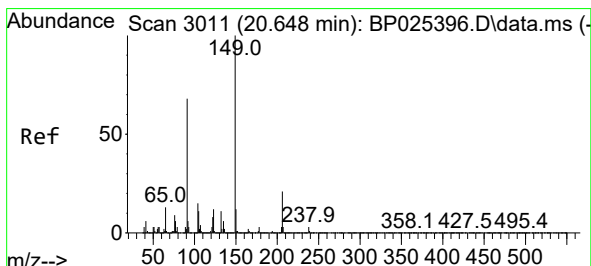
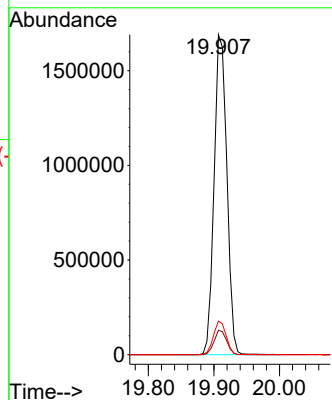
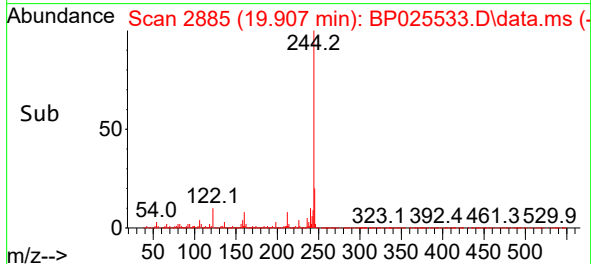
Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 1-3 COMPMSD



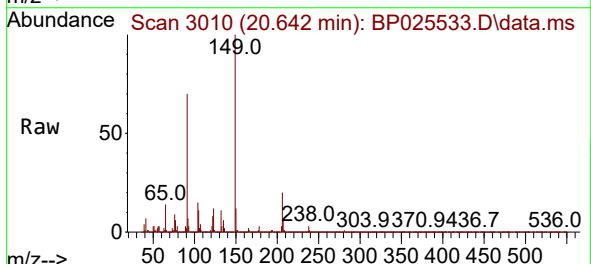
Tgt Ion:244 Resp: 2282690
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 10.5 7.4 11.2

Manual Integrations
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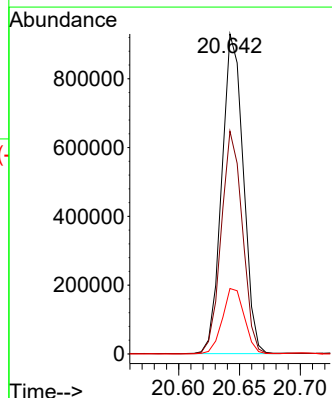
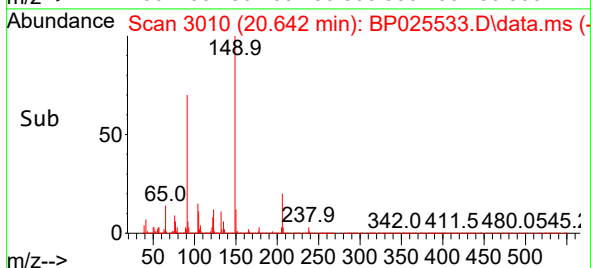
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

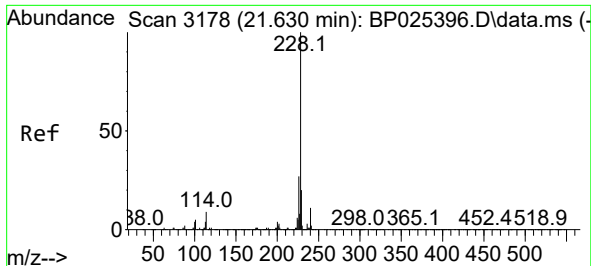


#80
 Butylbenzylphthalate
 Concen: 46.225 ng
 RT: 20.642 min Scan# 3010
 Delta R.T. -0.006 min
 Lab File: BP025533.D
 Acq: 21 Aug 2025 10:06



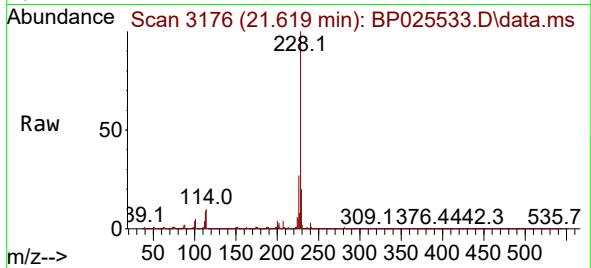
Tgt Ion:149 Resp: 1143536
 Ion Ratio Lower Upper
 149 100
 91 69.6 54.2 81.2
 206 20.5 16.6 24.8





#81
Benzo(a)anthracene
Concen: 46.542 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

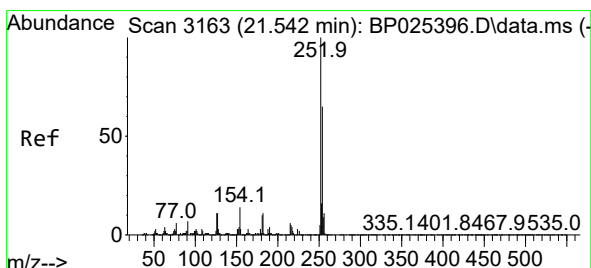
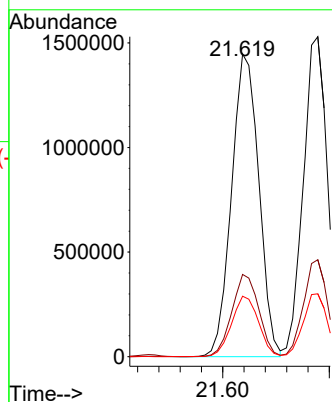
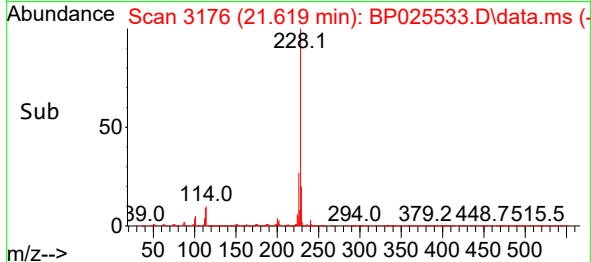
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



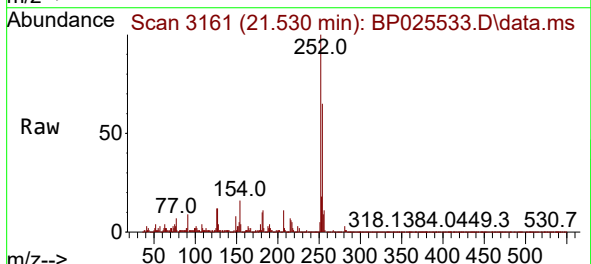
Tgt Ion:228 Resp: 2577739
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.0 15.6 23.4

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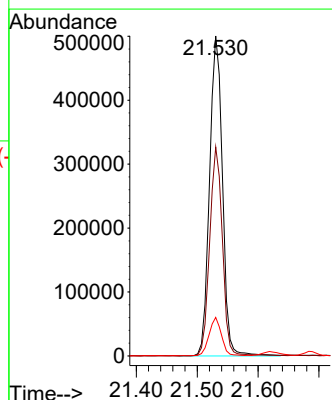
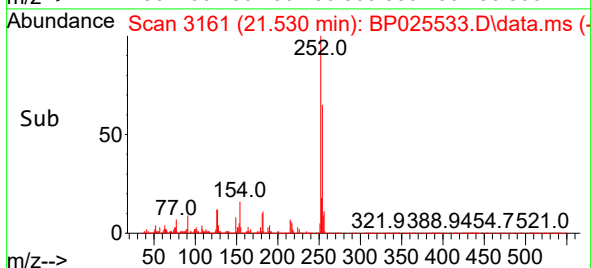
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

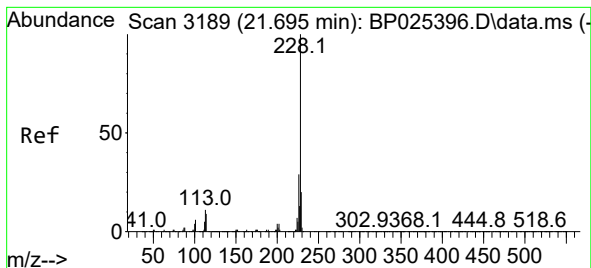


#82
3,3'-Dichlorobenzidine
Concen: 35.441 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



Tgt Ion:252 Resp: 739859
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 12.1 9.1 13.7





#83

Chrysene

Concen: 46.673 ng

RT: 21.689 min Scan# 3188

Delta R.T. -0.006 min

Lab File: BP025533.D

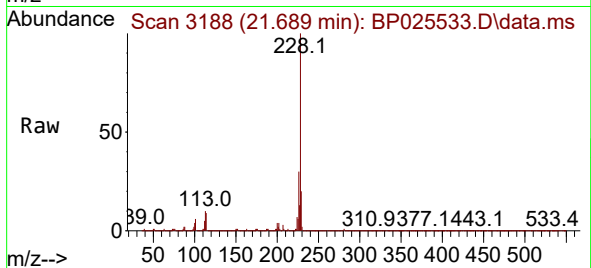
Acq: 21 Aug 2025 10:06

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMPMSD



Tgt Ion:228 Resp: 2420828

Ion Ratio Lower Upper

228 100

226 30.3 23.2 34.8

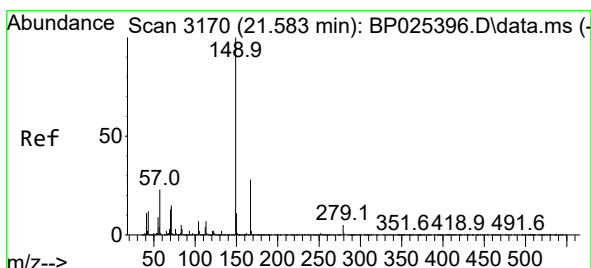
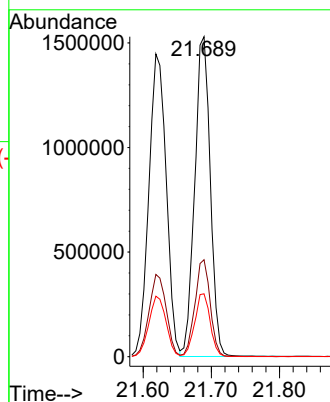
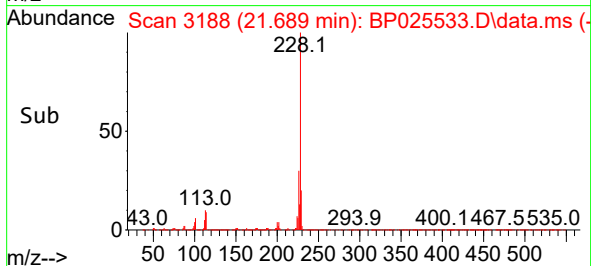
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.076 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

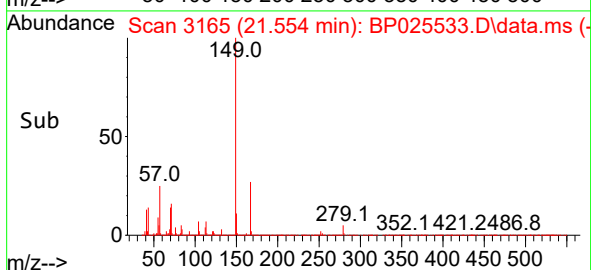
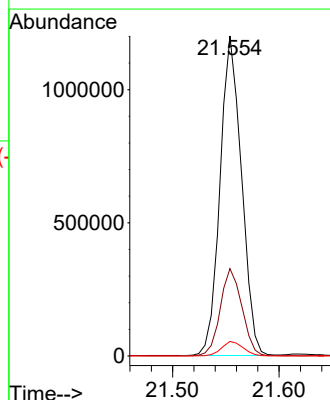
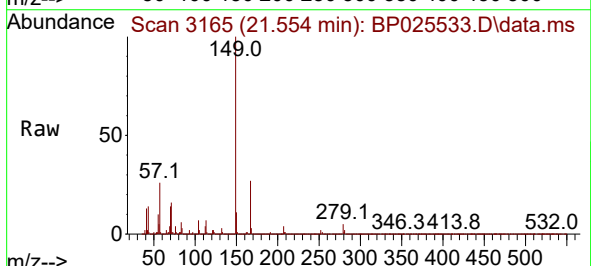
Tgt Ion:149 Resp: 1677914

Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.849 ng

RT: 22.842 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMPMSD

Tgt Ion:149 Resp: 3122428

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

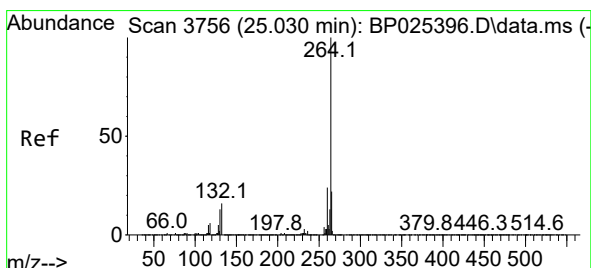
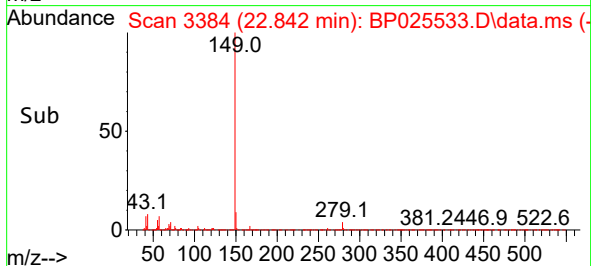
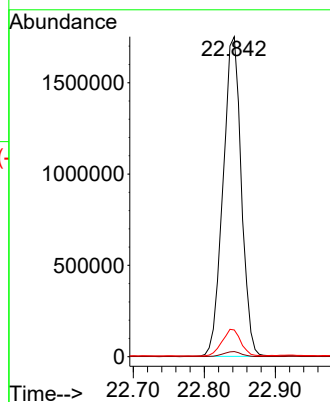
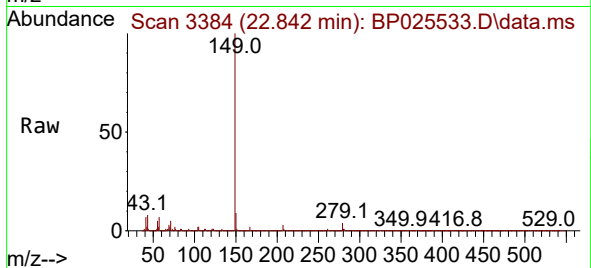
43 8.4 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

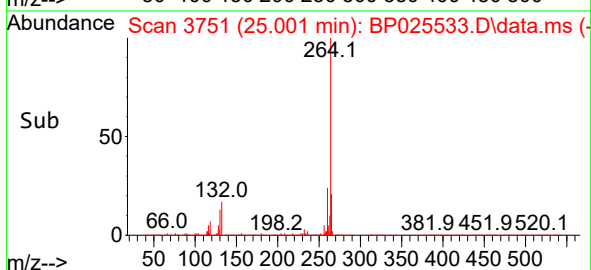
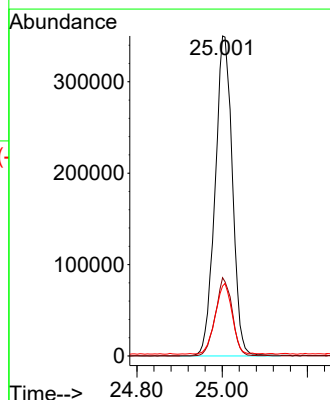
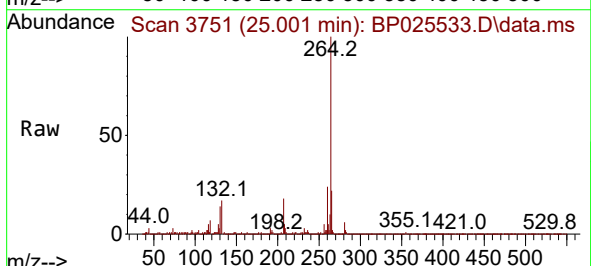
Tgt Ion:264 Resp: 984596

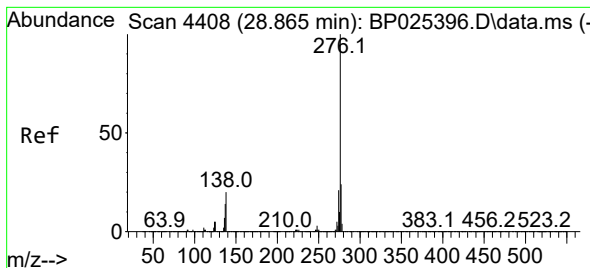
Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.007 ng m

RT: 28.830 min Scan# 4408

Delta R.T. -0.035 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMPMSD

Tgt Ion:276 Resp: 353858

Ion Ratio Lower Upper

276 100

138 17.0 12.9 19.3

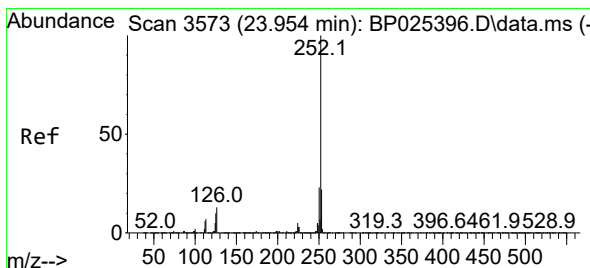
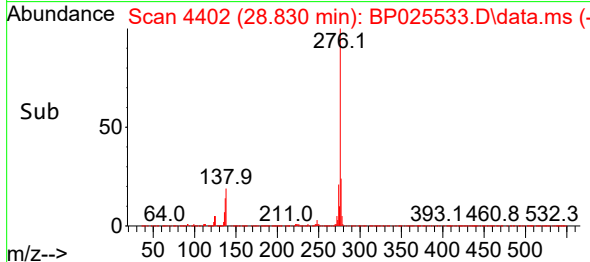
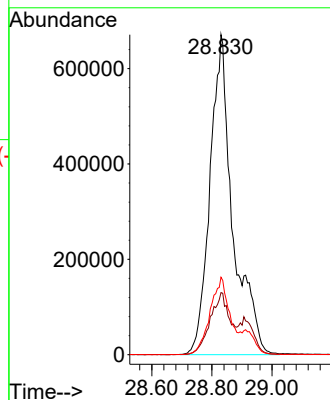
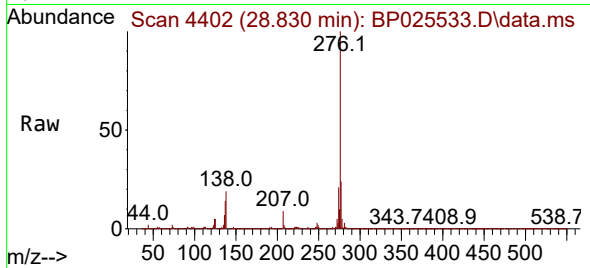
277 20.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#88

Benzo(b)fluoranthene

Concen: 47.796 ng

RT: 23.924 min Scan# 3568

Delta R.T. -0.029 min

Lab File: BP025533.D

Acq: 21 Aug 2025 10:06

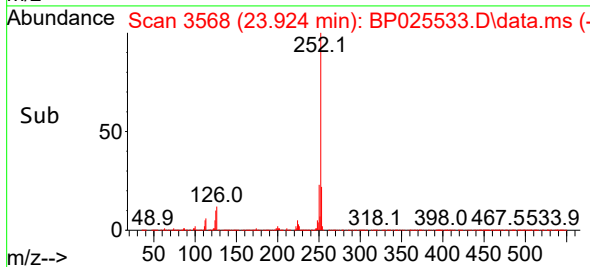
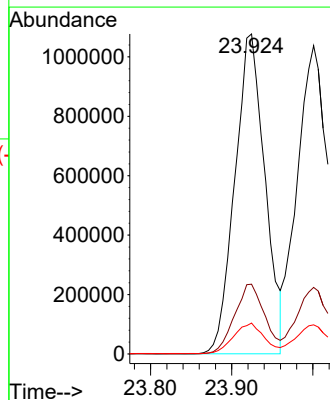
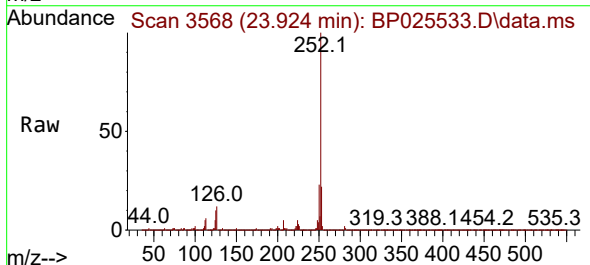
Tgt Ion:252 Resp: 2774997

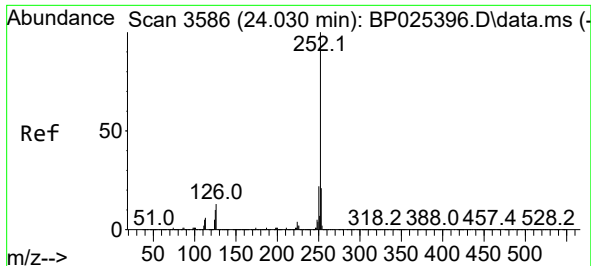
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

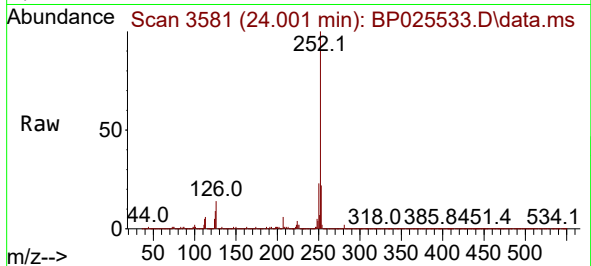
125 9.7 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 47.558 ng
RT: 24.001 min Scan# 3586
Delta R.T. -0.029 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

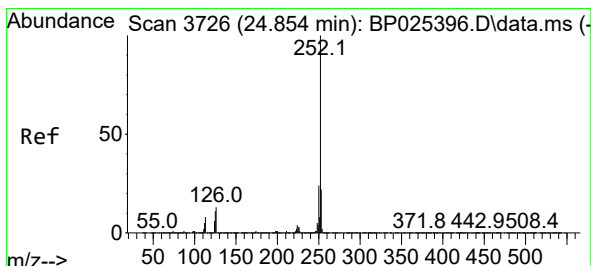
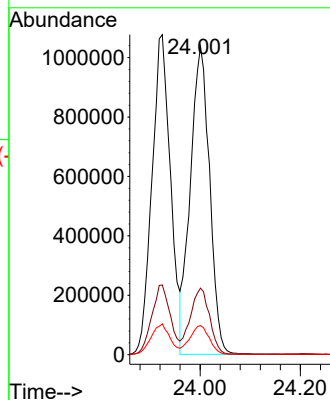
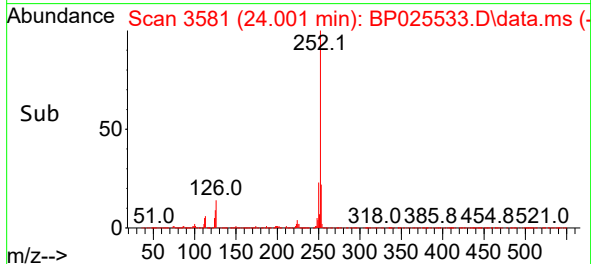
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



Tgt Ion:252 Resp: 276301
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.4 7.8 11.6

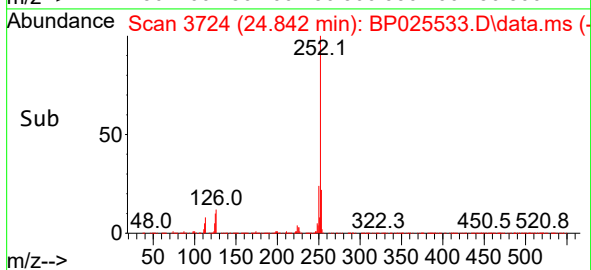
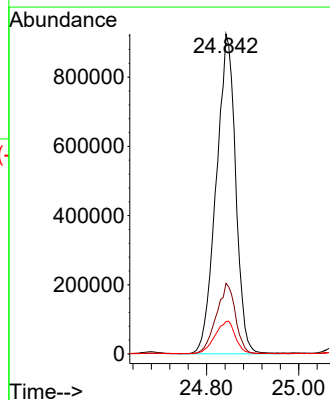
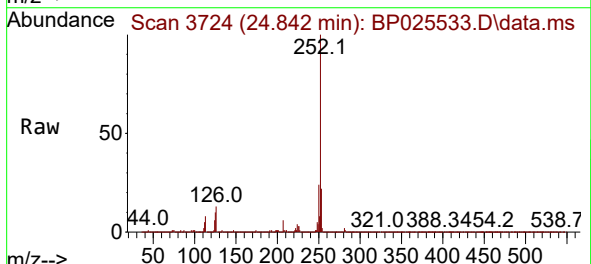
Manual Integrations
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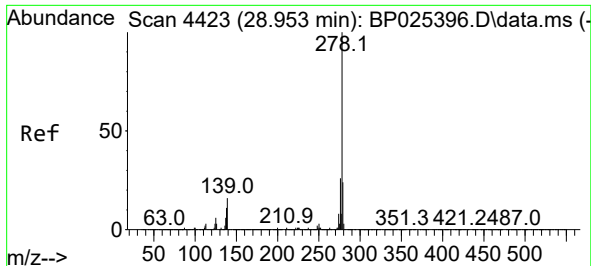
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#90
Benzo(a)pyrene
Concen: 47.711 ng
RT: 24.842 min Scan# 3724
Delta R.T. -0.012 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

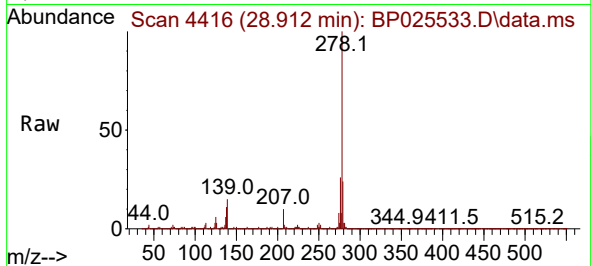
Tgt Ion:252 Resp: 2696431
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 48.928 ng
RT: 28.912 min Scan# 4423
Delta R.T. -0.041 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06

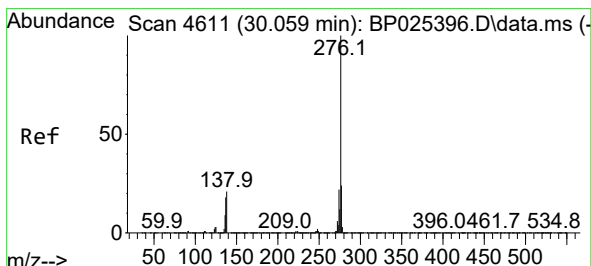
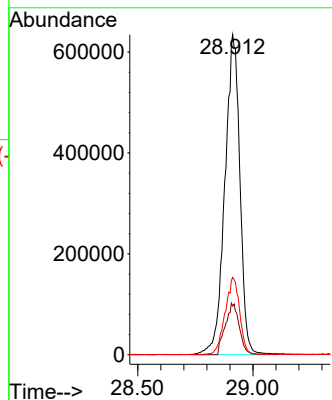
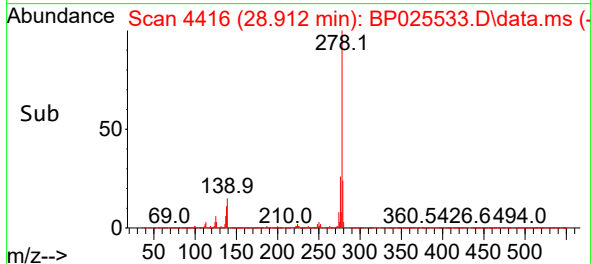
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD



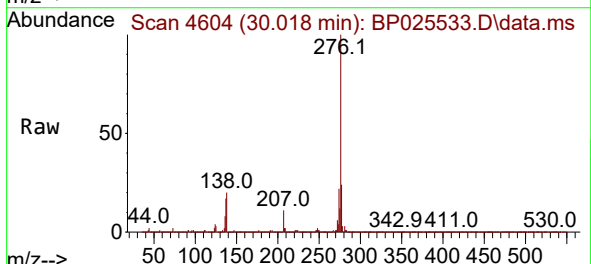
Tgt Ion: 278 Resp: 2887100
Ion Ratio Lower Upper
278 100
139 15.2 13.0 19.4
279 24.2 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#92
Benzo(g,h,i)perylene
Concen: 49.033 ng
RT: 30.018 min Scan# 4604
Delta R.T. -0.041 min
Lab File: BP025533.D
Acq: 21 Aug 2025 10:06



Tgt Ion: 276 Resp: 2844057
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 20.2 16.7 25.1

