

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025530.D
 Acq On : 21 Aug 2025 08:03
 Operator : CG/JU
 Sample : PB169285BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169285BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 08:25:48 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	196534	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	781553	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	484678	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	844280	20.000	ng	0.00
76) Chrysene-d12	21.642	240	710264	20.000	ng	0.00
86) Perylene-d12	25.024	264	934915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1534810	129.690	ng	0.00
7) Phenol-d6	6.966	99	1909533	125.853	ng	0.00
23) Nitrobenzene-d5	8.925	82	1243291	80.471	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	764828	117.236	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2682462	75.639	ng	0.00
79) Terphenyl-d14	19.930	244	3070754	79.100	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	169513	36.568	ng	98
3) Pyridine	3.725	79	463364	36.520	ng	95
4) n-Nitrosodimethylamine	3.631	42	251892	48.156	ng	96
6) Aniline	7.119	93	693643	33.931	ng	98
8) 2-Chlorophenol	7.361	128	624493	46.762	ng	100
9) Benzaldehyde	6.931	77	276420	26.003	ng	96
10) Phenol	6.990	94	739477	46.447	ng	94
11) bis(2-Chloroethyl)ether	7.213	93	538153	43.368	ng	98
12) 1,3-Dichlorobenzene	7.678	146	638530	43.362	ng	98
13) 1,4-Dichlorobenzene	7.819	146	652565	43.356	ng	99
14) 1,2-Dichlorobenzene	8.131	146	632818	43.434	ng	99
15) Benzyl Alcohol	8.019	79	540046	44.796	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.308	45	761451	45.806	ng	99
17) 2-Methylphenol	8.219	107	505643	45.729	ng	99
18) Hexachloroethane	8.855	117	244915	44.256	ng	97
19) n-Nitroso-di-n-propyla...	8.578	70	414028	41.196	ng	95
20) 3+4-Methylphenols	8.543	107	687213	44.836	ng	97
22) Acetophenone	8.596	105	872503	44.516	ng	# 98
24) Nitrobenzene	8.966	77	637899	46.198	ng	99
25) Isophorone	9.496	82	1169133	42.758	ng	100
26) 2-Nitrophenol	9.666	139	326051	46.011	ng	96
27) 2,4-Dimethylphenol	9.731	122	564354	46.310	ng	98
28) bis(2-Chloroethoxy)met...	9.966	93	723903	43.798	ng	98
29) 2,4-Dichlorophenol	10.207	162	572038	47.253	ng	99
30) 1,2,4-Trichlorobenzene	10.413	180	575865	43.394	ng	97
31) Naphthalene	10.602	128	1780013	43.819	ng	99
32) Benzoic acid	9.884	122	445180	49.481	ng	94
33) 4-Chloroaniline	10.707	127	326352	18.188	ng	99
34) Hexachlorobutadiene	10.890	225	365279	44.198	ng	98
35) Caprolactam	11.490	113	182332m	41.075	ng	
36) 4-Chloro-3-methylphenol	11.831	107	638326	45.952	ng	98
37) 2-Methylnaphthalene	12.207	142	1144082	43.278	ng	99
38) 1-Methylnaphthalene	12.425	142	1183766	42.108	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	624020	44.579	ng	98
41) Hexachlorocyclopentadiene	12.560	237	790946	93.544	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	451922	47.821	ng	99

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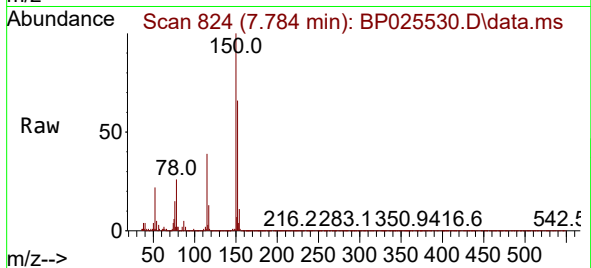
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	500217	48.297	ng	98
46) 1,1'-Biphenyl	13.225	154	1608674	45.701	ng	99
47) 2-Chloronaphthalene	13.266	162	1225294	44.714	ng	99
48) 2-Nitroaniline	13.460	65	393124	49.236	ng	97
49) Acenaphthylene	14.113	152	2024048	44.637	ng	100
50) Dimethylphthalate	13.848	163	1585497	44.671	ng	99
51) 2,6-Dinitrotoluene	13.966	165	349462	46.715	ng	95
52) Acenaphthene	14.460	154	1148791	43.162	ng	100
53) 3-Nitroaniline	14.301	138	222995	26.495	ng	95
54) 2,4-Dinitrophenol	14.507	184	387131	96.905	ng	98
55) Dibenzofuran	14.801	168	1846807	43.888	ng	98
56) 4-Nitrophenol	14.619	139	600505	86.826	ng	94
57) 2,4-Dinitrotoluene	14.760	165	478451	44.827	ng	94
58) Fluorene	15.466	166	1392543	41.939	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	410098	44.843	ng	96
60) Diethylphthalate	15.237	149	1560529	43.271	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	687626	41.640	ng	96
62) 4-Nitroaniline	15.478	138	329227	38.156	ng	94
63) Azobenzene	15.766	77	1417136	45.891	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	256578	48.753	ng	89
66) n-Nitrosodiphenylamine	15.684	169	1278012	49.640	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	454915	48.992	ng	97
68) Hexachlorobenzene	16.495	284	511819	47.550	ng	98
69) Atrazine	16.660	200	437448	45.370	ng	98
70) Pentachlorophenol	16.842	266	648309	95.414	ng	98
71) Phenanthrene	17.242	178	2122819	45.771	ng	99
72) Anthracene	17.342	178	2201306	46.478	ng	99
73) Carbazole	17.619	167	1911182	42.841	ng	99
74) Di-n-butylphthalate	18.213	149	2342348	42.676	ng	100
75) Fluoranthene	19.331	202	2166810	39.167	ng	98
77) Benzidine	19.525	184	796925	32.877	ng	99
78) Pyrene	19.701	202	2230728	48.321	ng	99
80) Butylbenzylphthalate	20.660	149	930500	44.474	ng	98
81) Benzo(a)anthracene	21.625	228	2164974	46.219	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	569130	32.235	ng	100
83) Chrysene	21.689	228	2047560	46.676	ng	99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1352194	43.904	ng	99
85) Di-n-octyl phthalate	22.866	149	2568700	48.488	ng	99
87) Indeno(1,2,3-cd)pyrene	28.877	276	3393194	49.490	ng	# 94
88) Benzo(b)fluoranthene	23.954	252	2589674	46.975	ng	100
89) Benzo(k)fluoranthene	24.030	252	2521826	45.713	ng	100
90) Benzo(a)pyrene	24.871	252	2557506	47.658	ng	99
91) Dibenzo(a,h)anthracene	28.930	278	2791591	49.823	ng	99
92) Benzo(g,h,i)perylene	30.053	276	2766980	50.239	ng	98

(#) = 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: BP025530.D
Acq: 21 Aug 2025 08:03

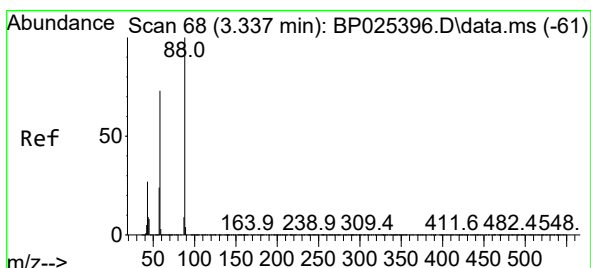
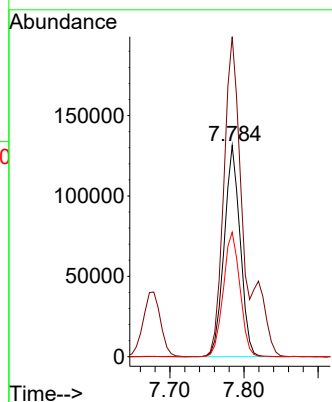
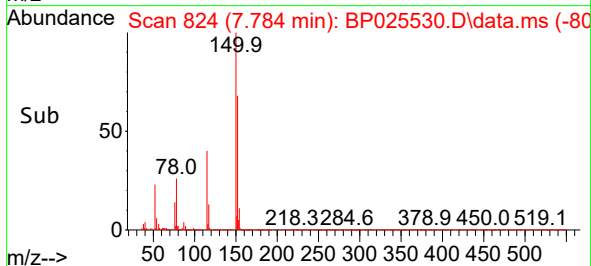
Instrument :
BNA_P
ClientSampleId :
PB169285BS



Tgt Ion:152 Resp: 196534
Ion Ratio Lower Upper
152 100
150 151.5 125.9 188.9
115 59.0 48.5 72.7

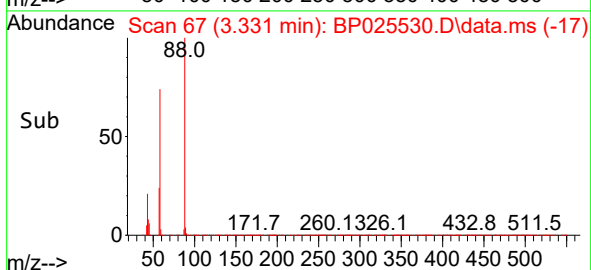
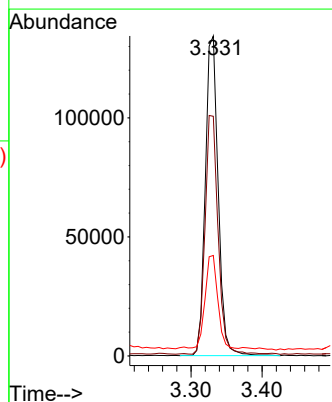
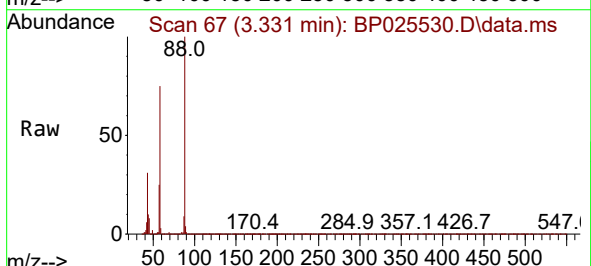
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 36.568 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

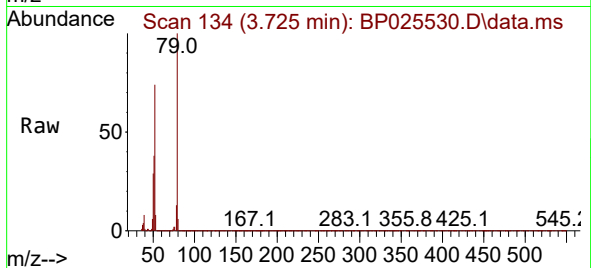
Tgt Ion: 88 Resp: 169513
Ion Ratio Lower Upper
88 100
58 75.8 59.2 88.8
43 28.3 21.7 32.5





#3
Pyridine
Concen: 36.520 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

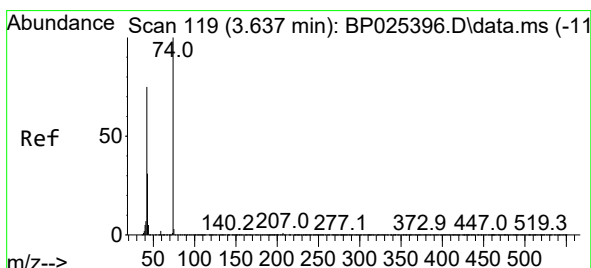
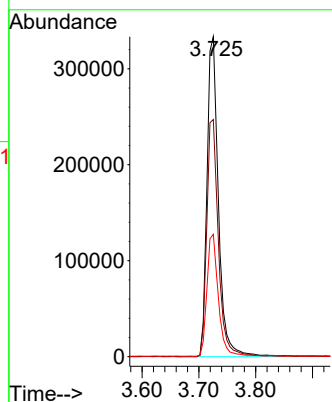
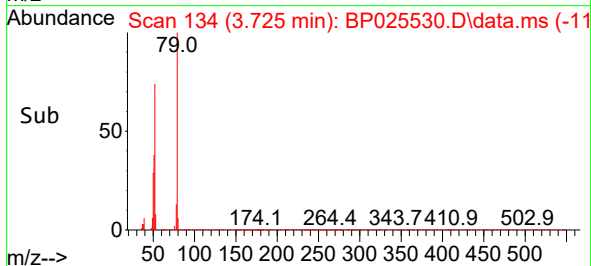
Instrument :
BNA_P
ClientSampleId :
PB169285BS



Tgt Ion: 79 Resp: 463364
Ion Ratio Lower Upper
79 100
52 74.1 55.5 83.3
51 38.2 28.3 42.5

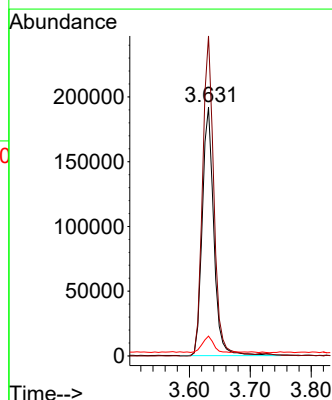
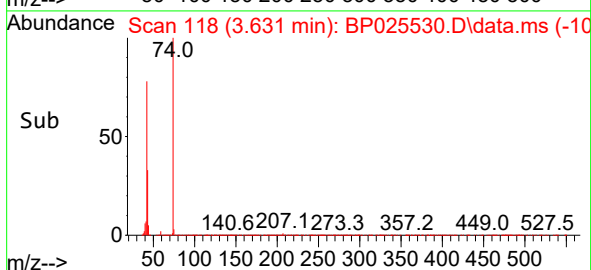
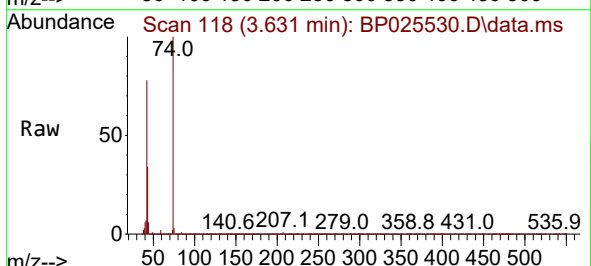
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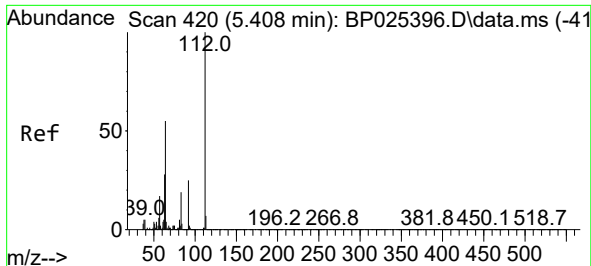
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#4
n-Nitrosodimethylamine
Concen: 48.156 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Tgt Ion: 42 Resp: 251892
Ion Ratio Lower Upper
42 100
74 128.7 107.0 160.4
44 8.0 6.2 9.4





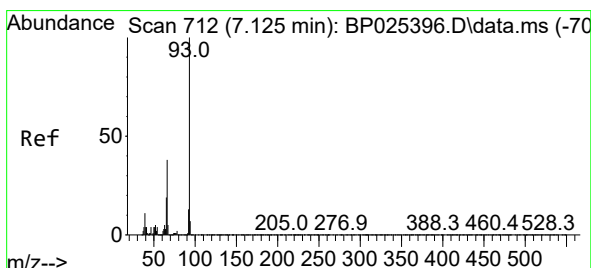
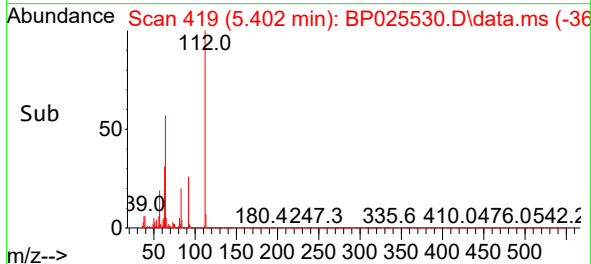
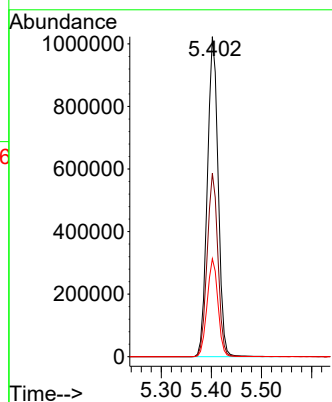
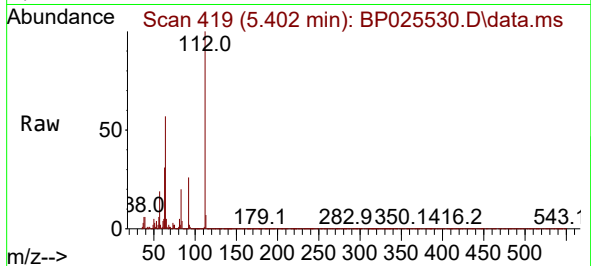
#5
2-Fluorophenol
Concen: 129.690 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :
BNA_P
ClientSampleId :
PB169285BS

Tgt Ion:112 Resp: 1534810
Ion Ratio Lower Upper
112 100
64 57.3 43.8 65.8
63 30.6 22.7 34.1

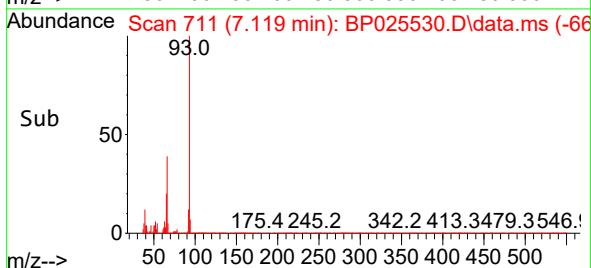
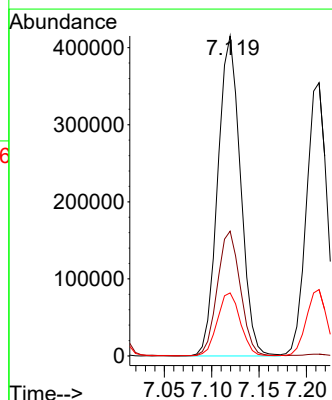
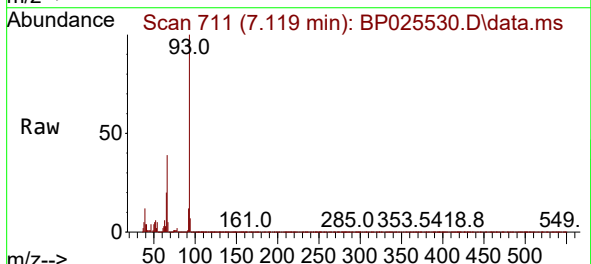
Manual Integrations
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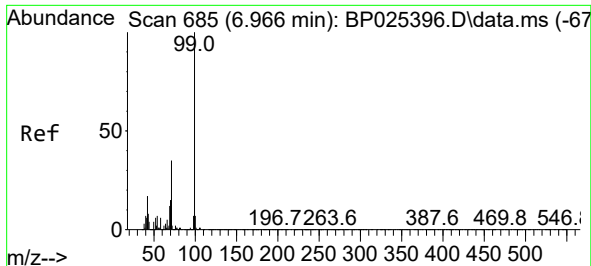
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#6
Aniline
Concen: 33.931 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

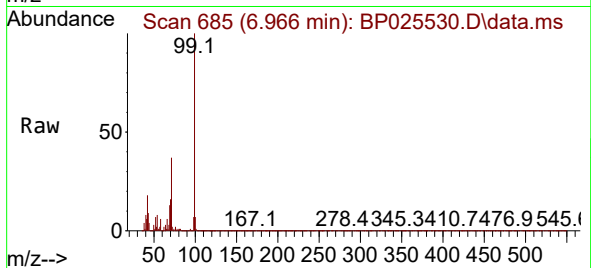
Tgt Ion: 93 Resp: 693643
Ion Ratio Lower Upper
93 100
66 39.0 30.4 45.6
65 19.7 15.3 22.9





#7
Phenol-d6
Concen: 125.853 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

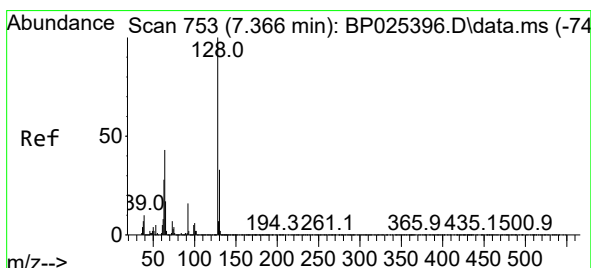
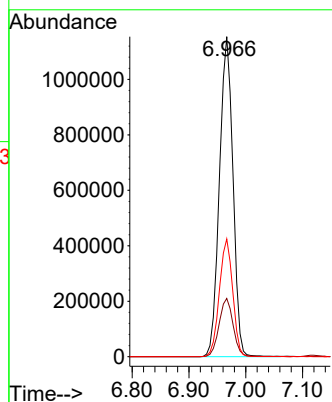
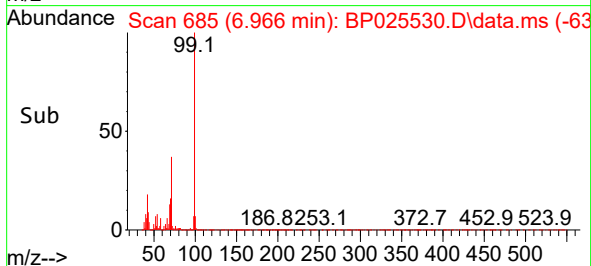
Instrument :
BNA_P
ClientSampleId :
PB169285BS



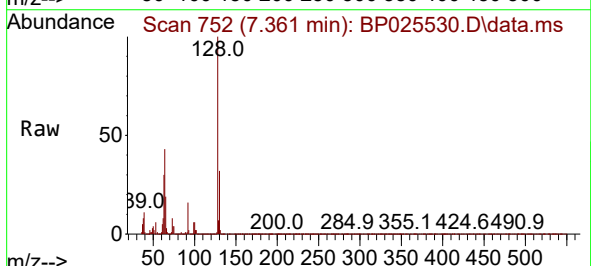
Tgt Ion: 99 Resp: 190953
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 36.8 28.2 42.4

Manual Integrations
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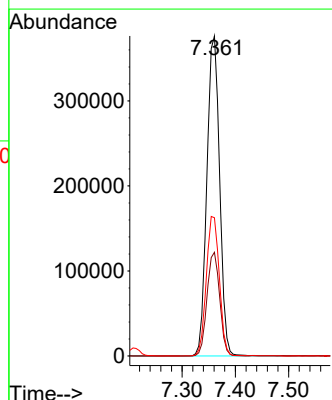
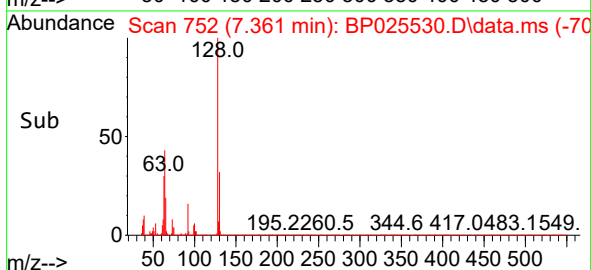
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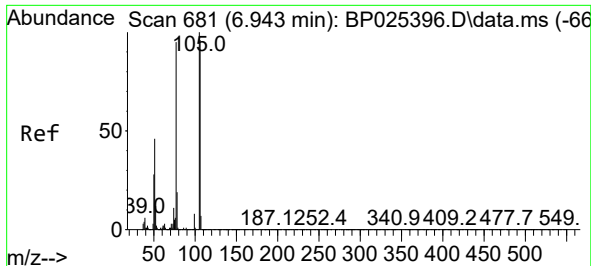


#8
2-Chlorophenol
Concen: 46.762 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion:128 Resp: 624493
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 43.2 23.4 63.4





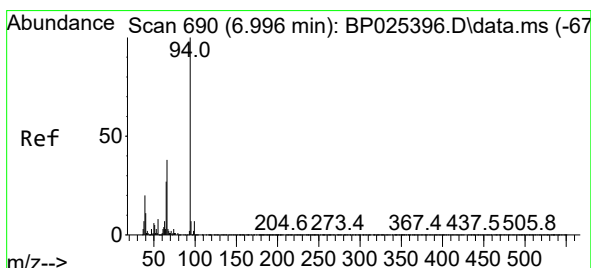
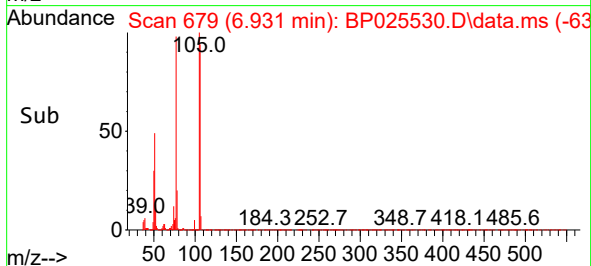
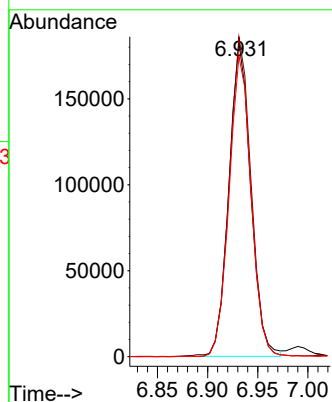
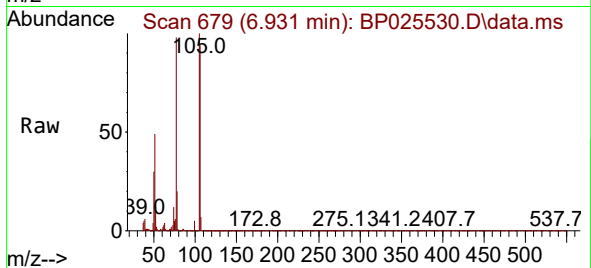
#9
Benzaldehyde
Concen: 26.003 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :
BNA_P
ClientSampleId :
PB169285BS

Tgt Ion: 77 Resp: 276420
Ion Ratio Lower Upper
77 100
105 102.0 84.8 124.8
106 95.8 80.5 120.5

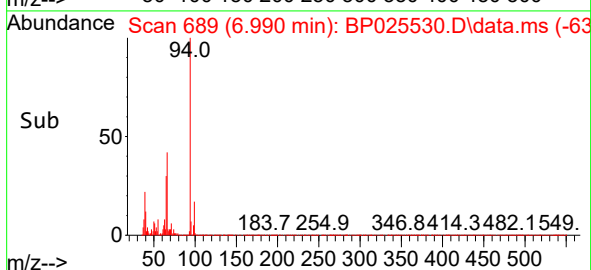
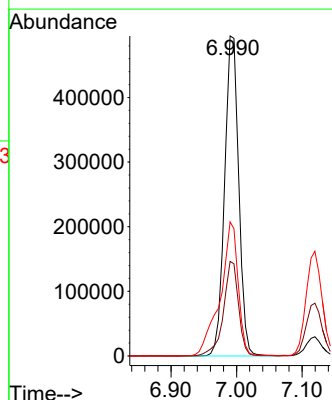
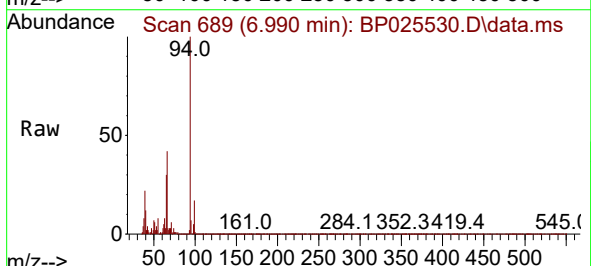
Manual Integrations
APPROVED

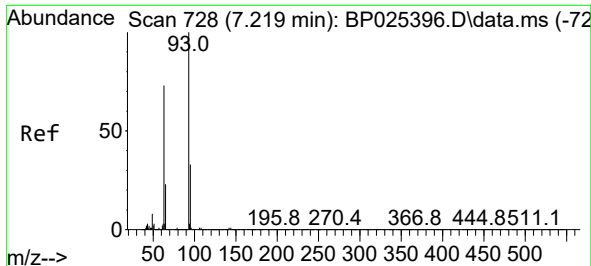
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#10
Phenol
Concen: 46.447 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

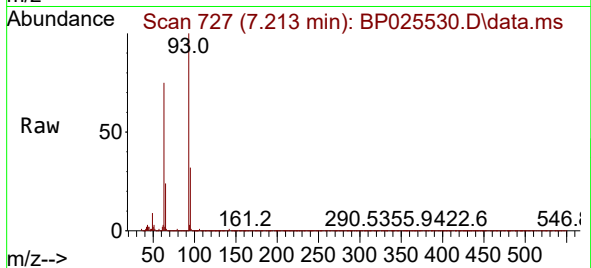
Tgt Ion: 94 Resp: 739477
Ion Ratio Lower Upper
94 100
65 29.5 6.8 46.8
66 41.9 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 43.368 ng
RT: 7.213 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

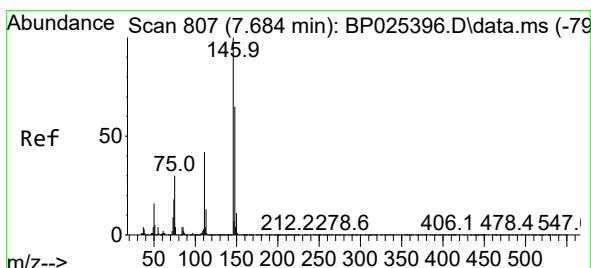
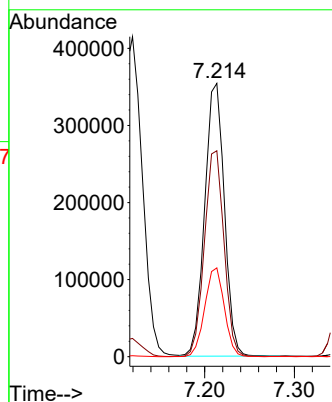
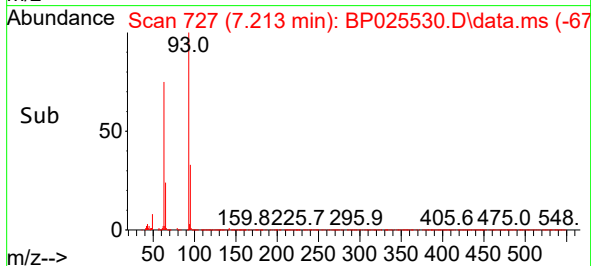
Instrument :
BNA_P
ClientSampleId :
PB169285BS



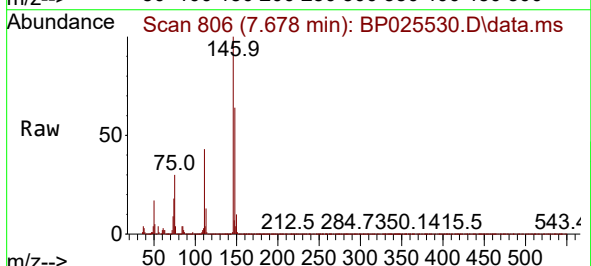
Tgt Ion: 93 Resp: 53815
Ion Ratio Lower Upper
93 100
63 75.3 52.6 92.6
95 32.5 12.7 52.7

Manual Integrations
APPROVED

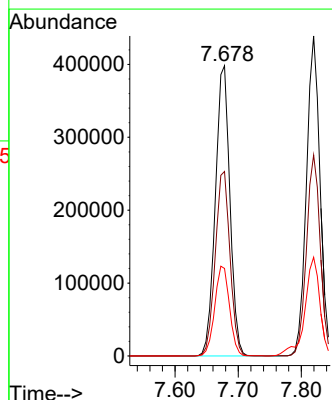
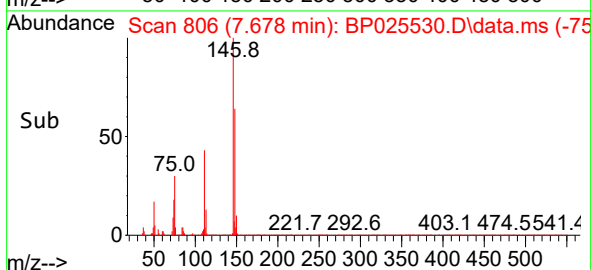
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

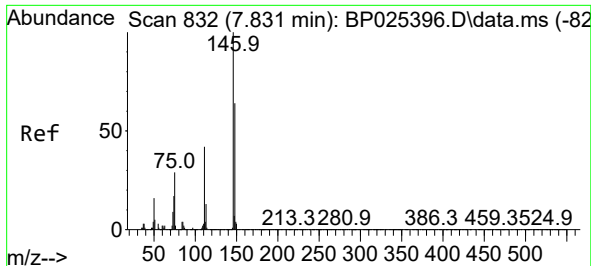


#12
1,3-Dichlorobenzene
Concen: 43.362 ng
RT: 7.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



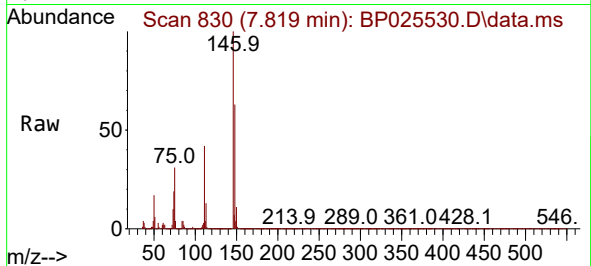
Tgt Ion:146 Resp: 638530
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 30.2 23.7 35.5





#13
1,4-Dichlorobenzene
Concen: 43.356 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

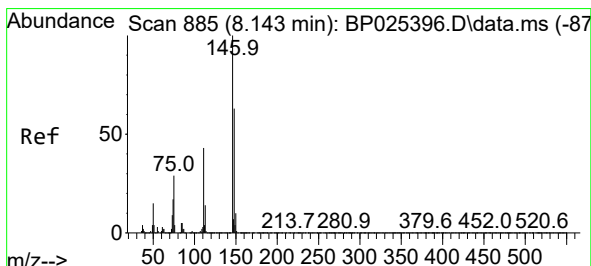
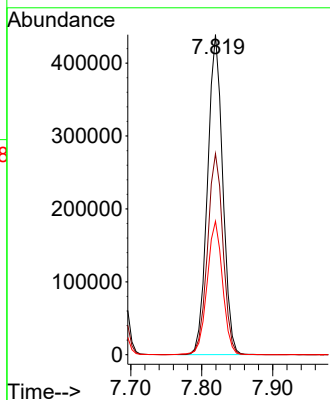
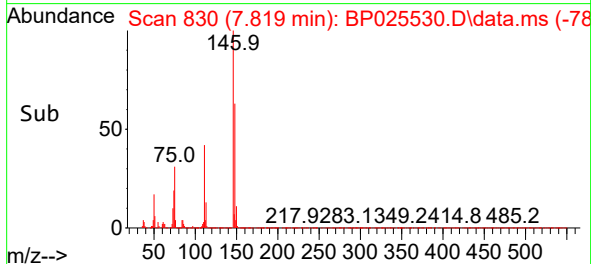
Instrument :
BNA_P
ClientSampleId :
PB169285BS



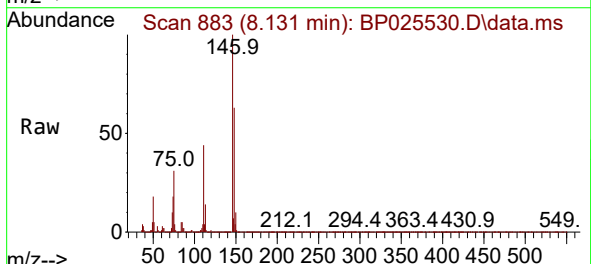
Tgt Ion:146 Resp: 65256
Ion Ratio Lower Upper
146 100
148 62.8 51.6 77.4
111 41.7 33.4 50.0

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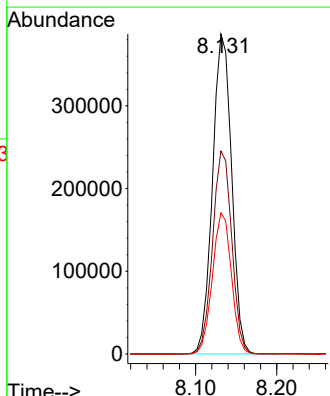
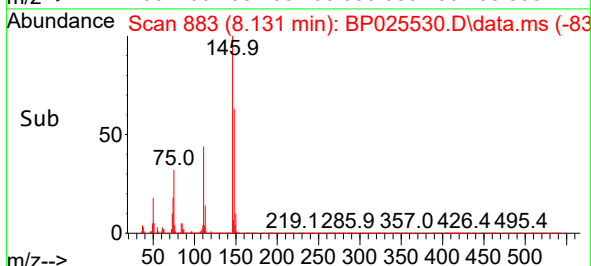
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#14
1,2-Dichlorobenzene
Concen: 43.434 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



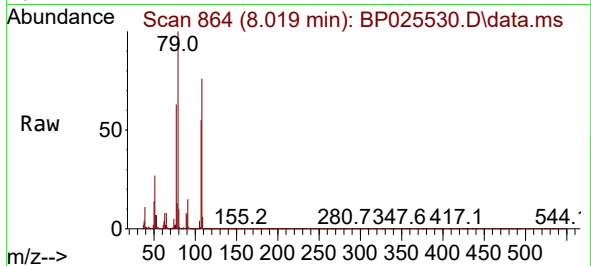
Tgt Ion:146 Resp: 632818
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 44.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 44.796 ng
RT: 8.019 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

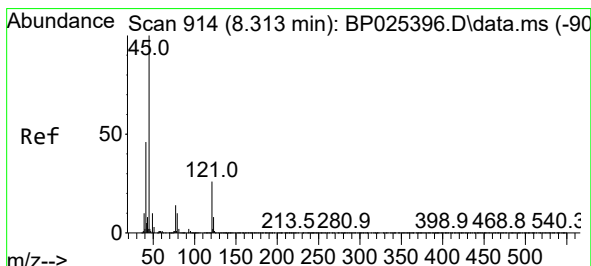
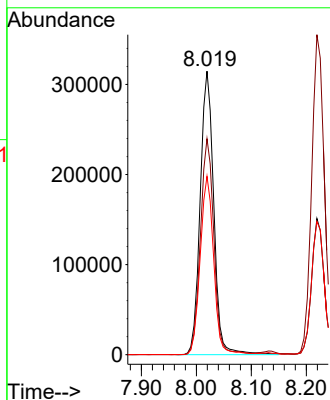
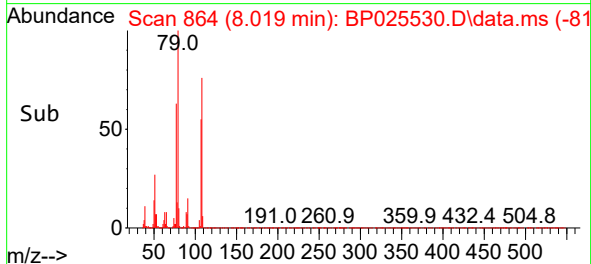
Instrument :
BNA_P
ClientSampleId :
PB169285BS



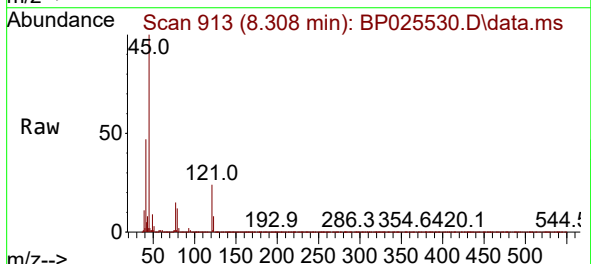
Tgt Ion: 79 Resp: 540040
Ion Ratio Lower Upper
79 100
108 76.2 63.8 95.6
77 62.9 49.0 73.4

Manual Integrations
APPROVED

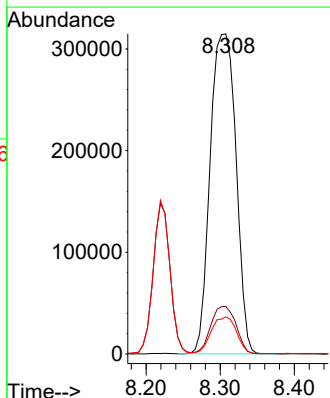
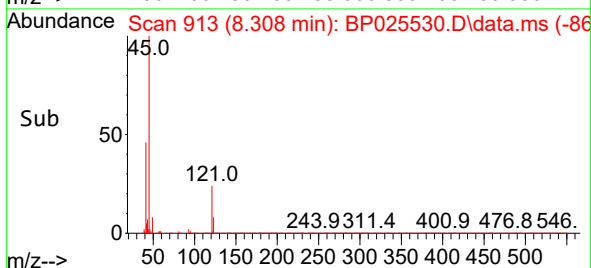
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

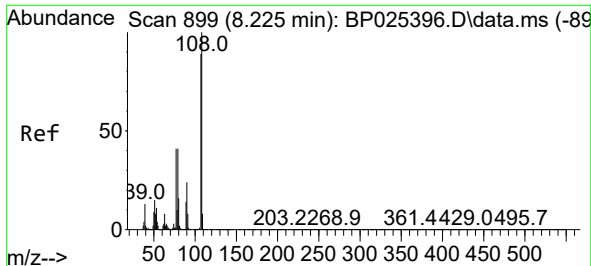


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.806 ng
RT: 8.308 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion: 45 Resp: 761451
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.3
79 11.6 0.0 31.8





#17
2-Methylphenol
Concen: 45.729 ng
RT: 8.219 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

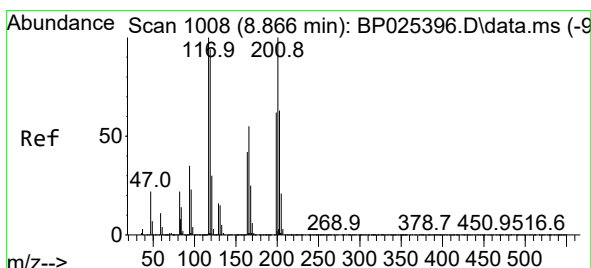
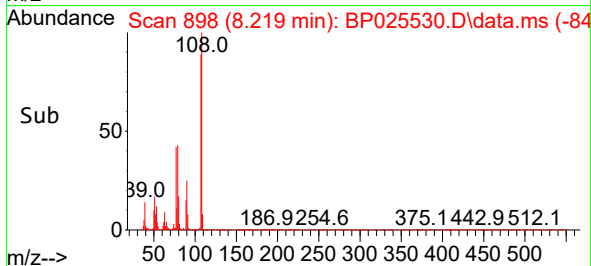
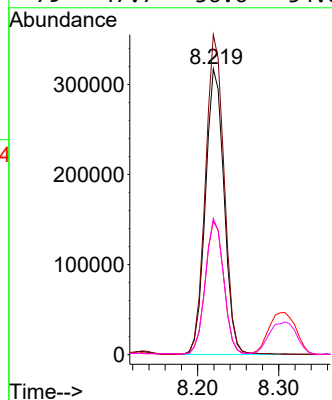
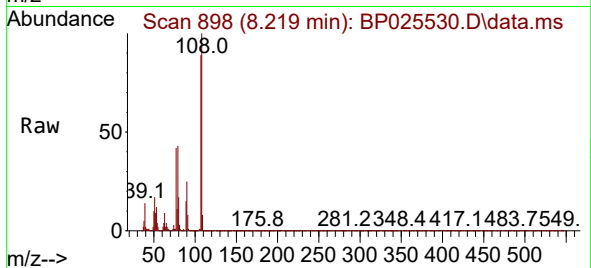
ClientSampleId :

PB169285BS

Tgt Ion:107 Resp: 50564
Ion Ratio Lower Upper
107 100
108 112.0 89.4 134.0
77 46.6 36.3 54.5
79 47.7 36.6 54.8

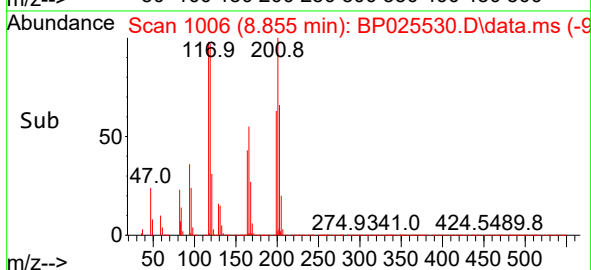
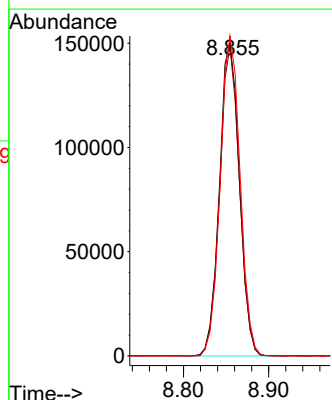
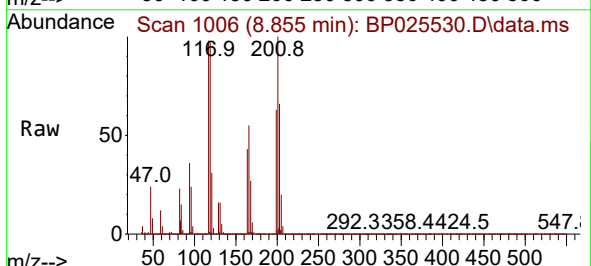
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 44.256 ng
RT: 8.855 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

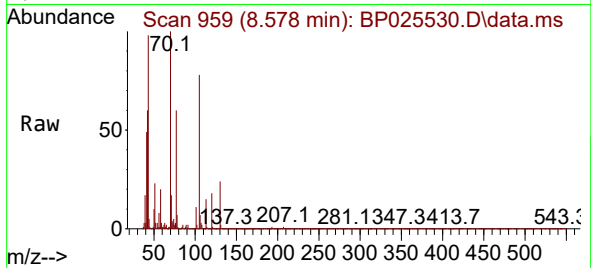
Tgt Ion:117 Resp: 244915
Ion Ratio Lower Upper
117 100
119 98.7 75.1 112.7
201 102.1 80.1 120.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.196 ng
RT: 8.578 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

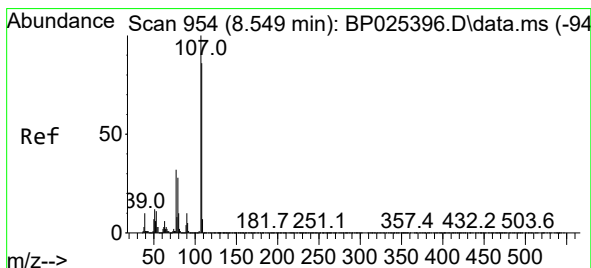
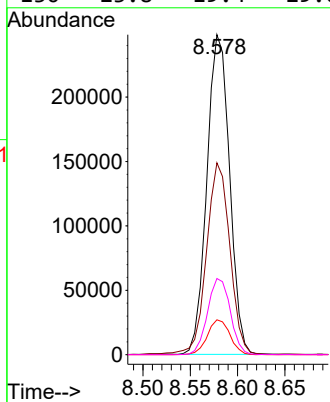
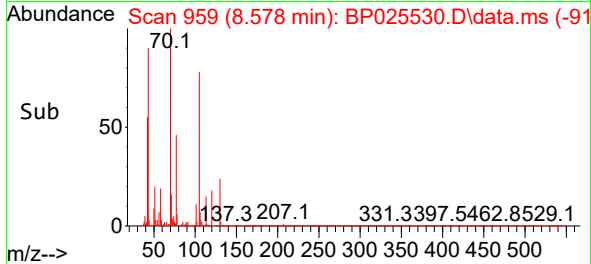
Instrument :
BNA_P
ClientSampleId :
PB169285BS



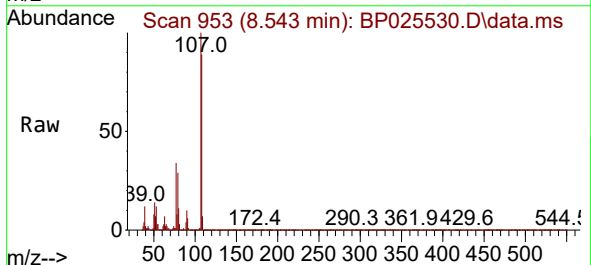
Tgt Ion: 70 Resp: 414028
Ion Ratio Lower Upper
70 100
42 59.9 43.8 65.6
101 10.9 8.5 12.7
130 23.8 19.4 29.0

Manual Integrations
APPROVED

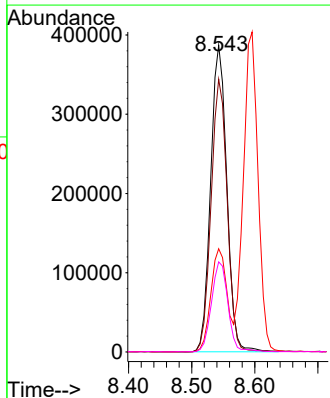
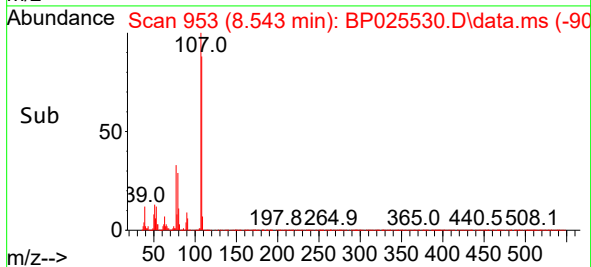
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

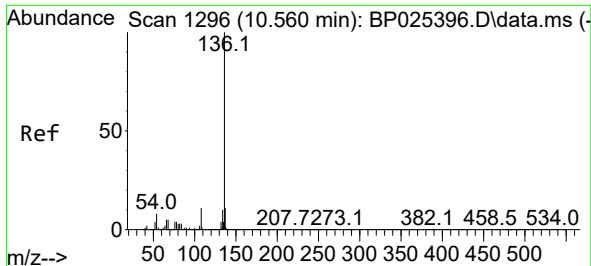


#20
3+4-Methylphenols
Concen: 44.836 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion:107 Resp: 687213
Ion Ratio Lower Upper
107 100
108 88.9 66.3 106.3
77 33.7 12.3 52.3
79 29.4 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

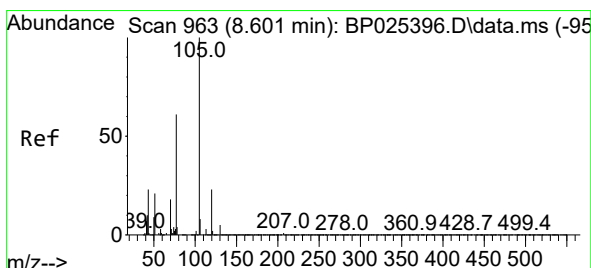
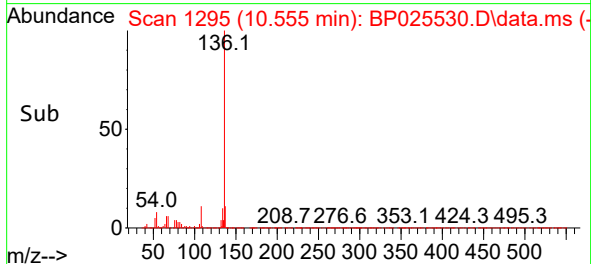
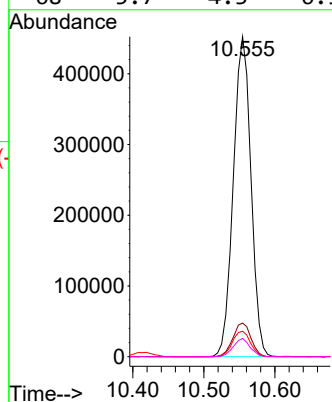
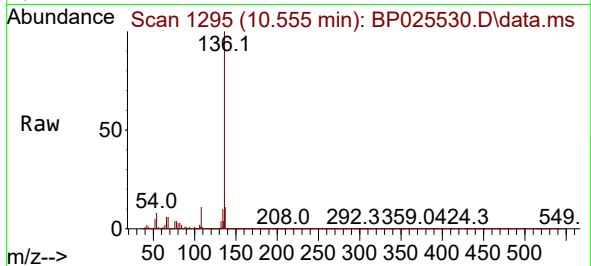
ClientSampleId :

PB169285BS

Tgt Ion:136 Resp: 78155
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.9 6.0 9.0
68 5.7 4.3 6.5

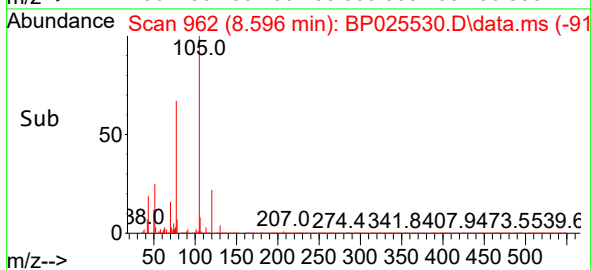
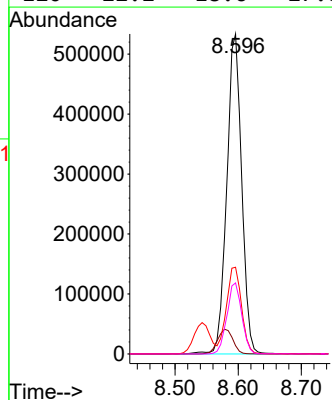
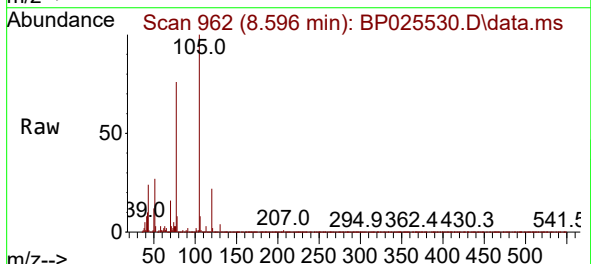
Manual Integrations
APPROVED

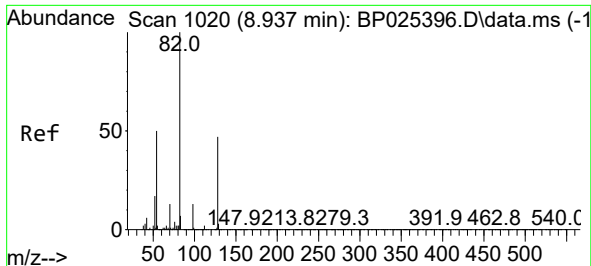
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#22
Acetophenone
Concen: 44.516 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

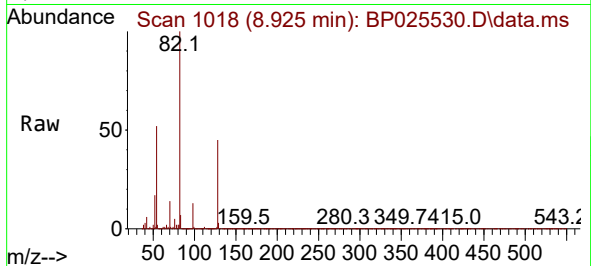
Tgt Ion:105 Resp: 872503
Ion Ratio Lower Upper
105 100
71 2.6 2.6 4.0#
51 27.1 20.6 30.8
120 22.2 18.6 27.8





#23
Nitrobenzene-d5
Concen: 80.471 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

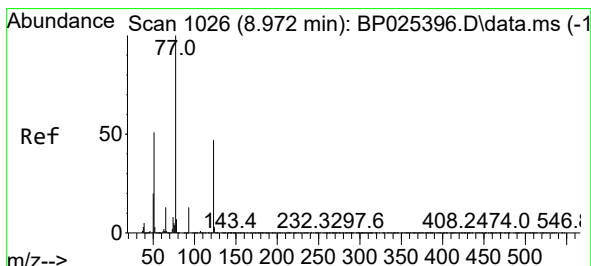
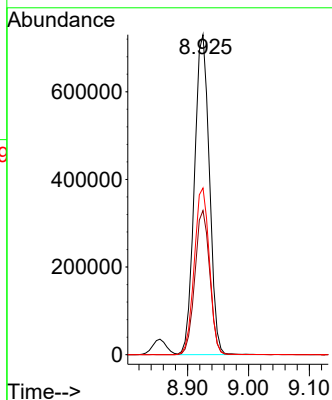
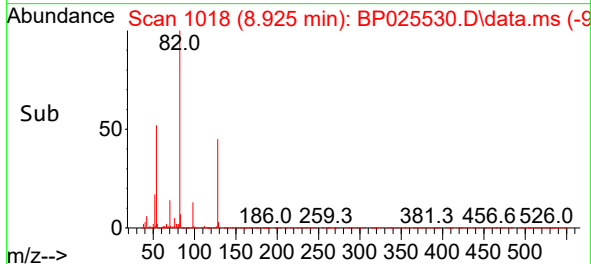
Instrument :
BNA_P
ClientSampleId :
PB169285BS



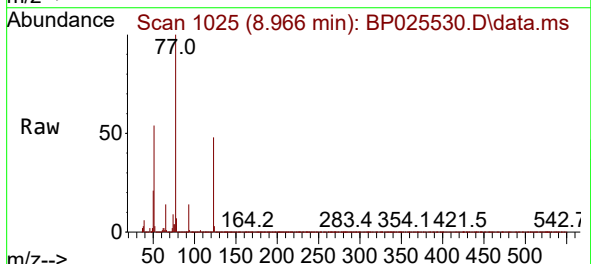
Tgt Ion: 82 Resp: 124329
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 52.1 39.8 59.6

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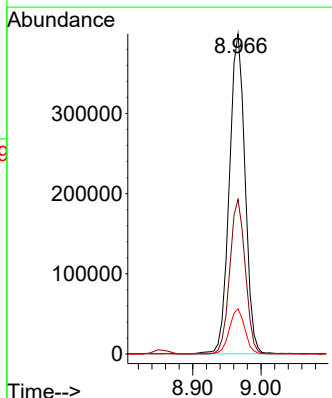
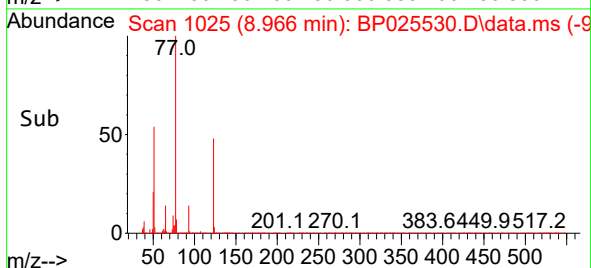
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

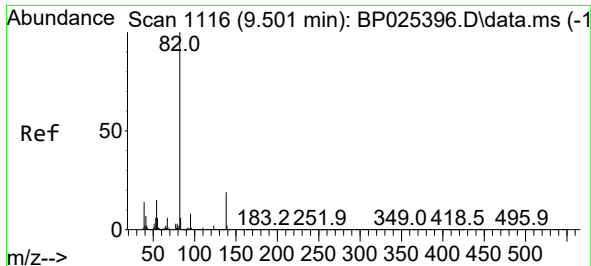


#24
Nitrobenzene
Concen: 46.198 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



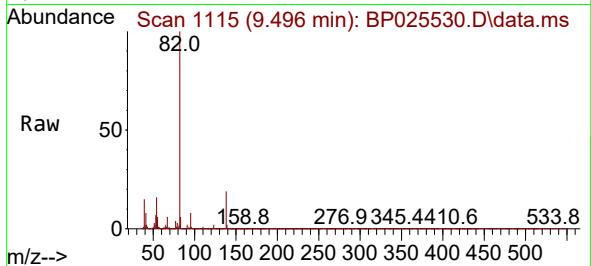
Tgt Ion: 77 Resp: 637899
Ion Ratio Lower Upper
77 100
123 48.3 38.6 58.0
65 14.1 10.6 15.8





#25
Isophorone
Concen: 42.758 ng
RT: 9.496 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

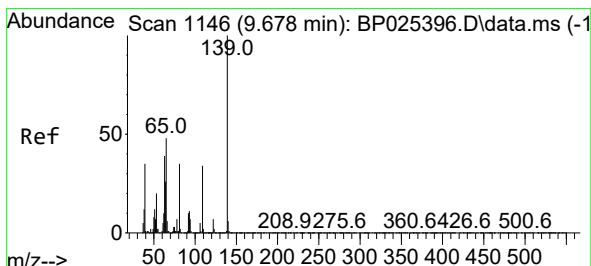
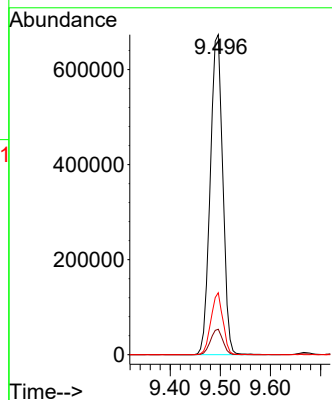
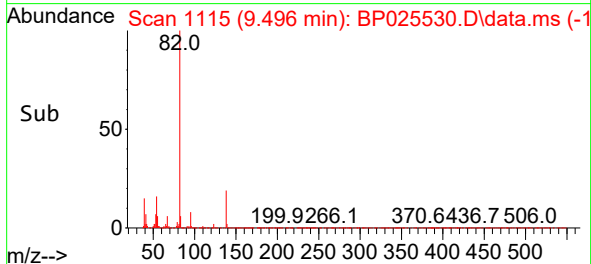
Instrument :
BNA_P
ClientSampleId :
PB169285BS



Tgt Ion: 82 Resp: 116913
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 19.3 15.4 23.0

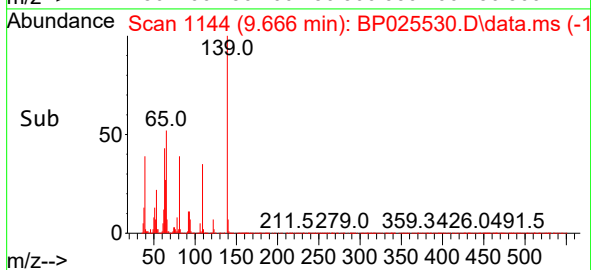
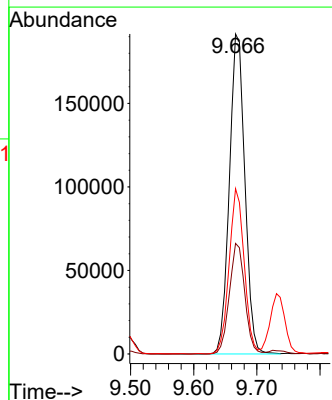
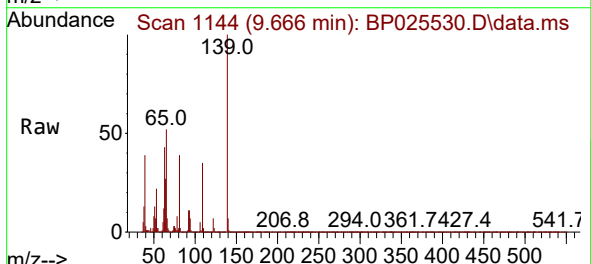
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 46.011 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Tgt Ion:139 Resp: 326051
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 51.7 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 46.310 ng

RT: 9.731 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

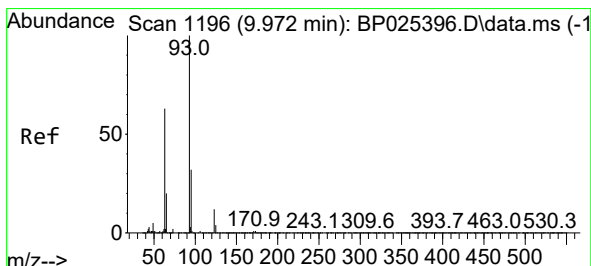
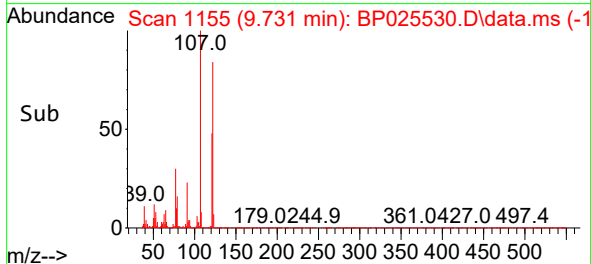
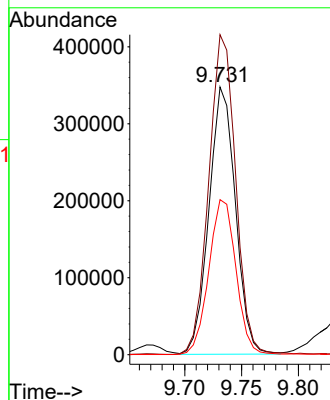
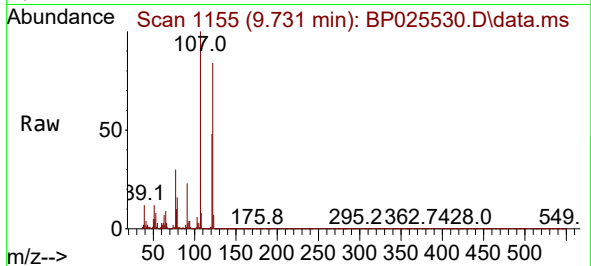
Tgt Ion:	122	Resp:	564354
Ion	Ratio	Lower	Upper
122	100		
107	119.5	93.7	140.5
121	57.9	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.798 ng

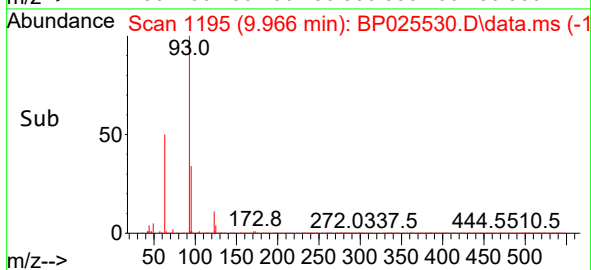
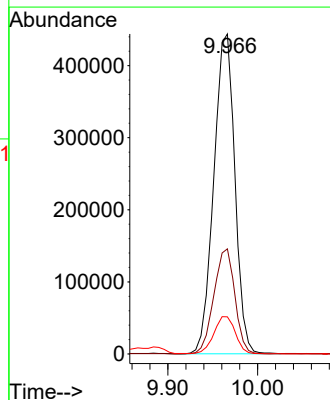
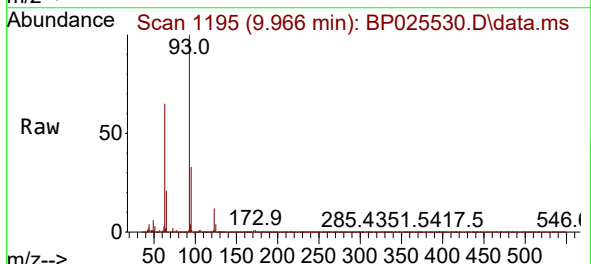
RT: 9.966 min Scan# 1195

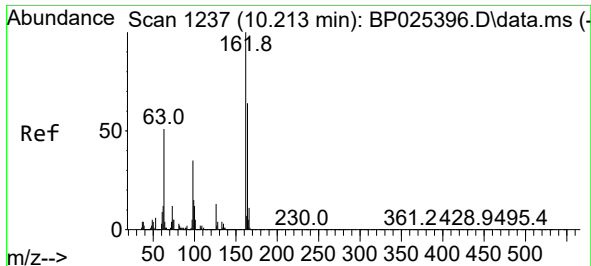
Delta R.T. -0.006 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Tgt Ion:	93	Resp:	723903
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.4	38.0
123	11.6	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 47.253 ng
RT: 10.207 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

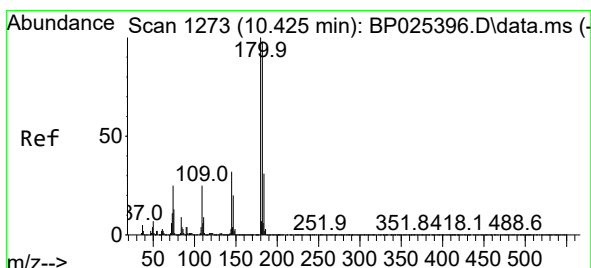
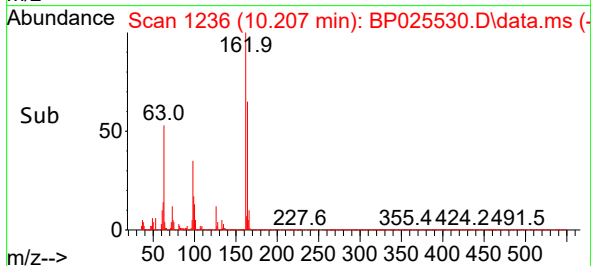
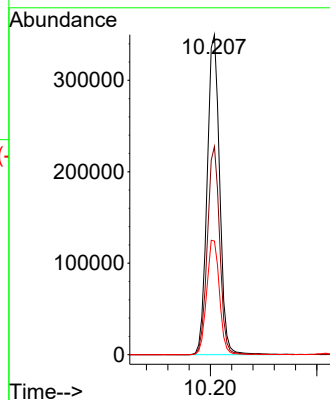
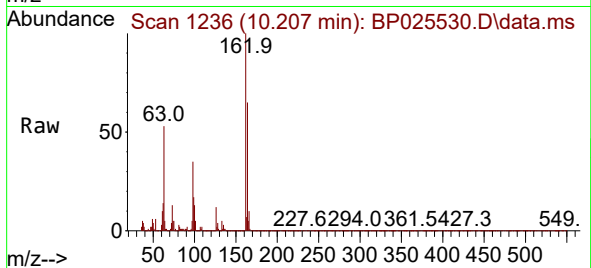
ClientSampleId :

PB169285BS

Tgt Ion:162 Resp: 572038
Ion Ratio Lower Upper
162 100
164 65.1 44.4 84.4
98 35.5 14.9 54.9

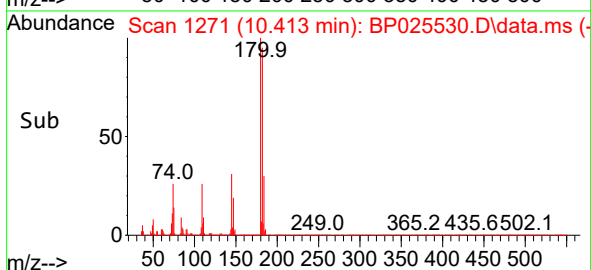
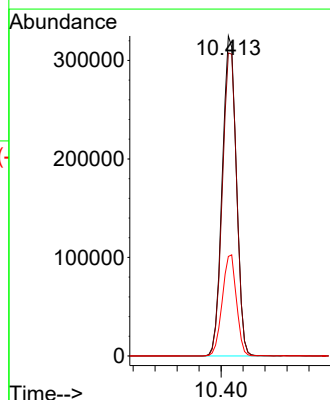
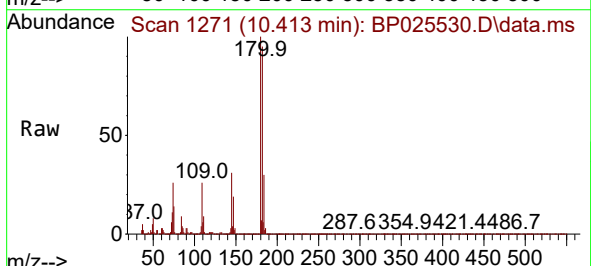
Manual Integrations
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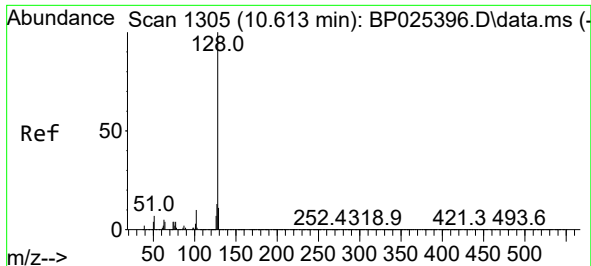
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#30
1,2,4-Trichlorobenzene
Concen: 43.394 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Tgt Ion:180 Resp: 575865
Ion Ratio Lower Upper
180 100
182 94.7 78.0 117.0
145 31.1 25.9 38.9





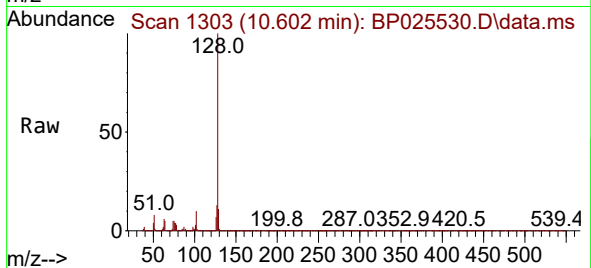
#31
Naphthalene
Concen: 43.819 ng
RT: 10.602 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS



Tgt Ion:128 Resp: 178001

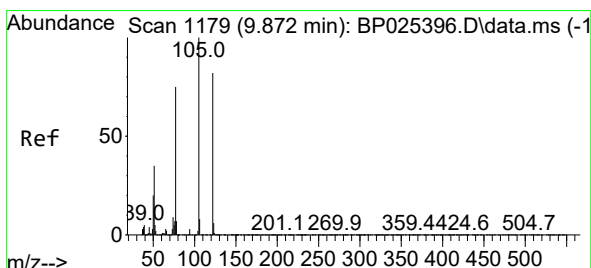
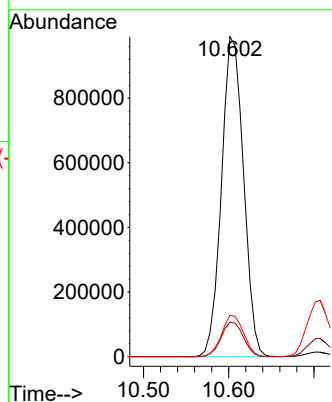
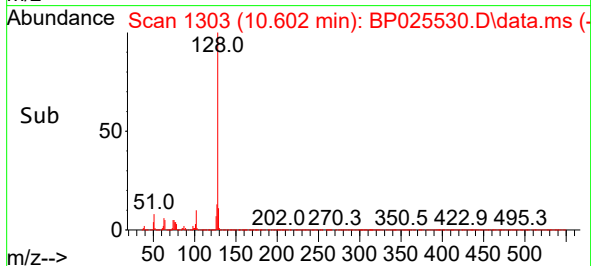
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.9	10.7	16.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

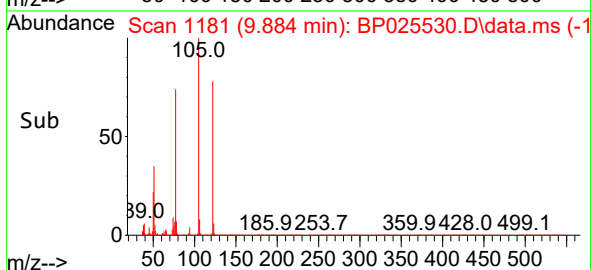
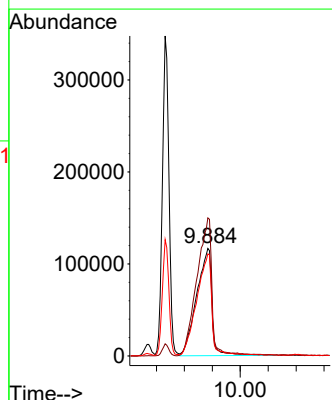
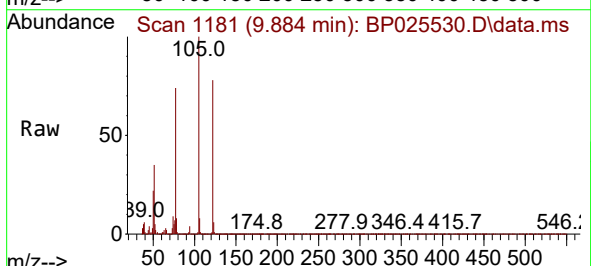
Supervised By :mohammad ahmed 08/22/2025

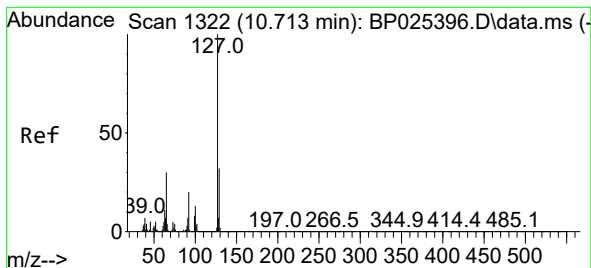


#32
Benzoic acid
Concen: 49.481 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Tgt Ion:122 Resp: 445180

Ion	Ratio	Lower	Upper
122	100		
105	128.5	100.6	140.6
77	94.9	71.5	111.5





#33
4-Chloroaniline
Concen: 18.188 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

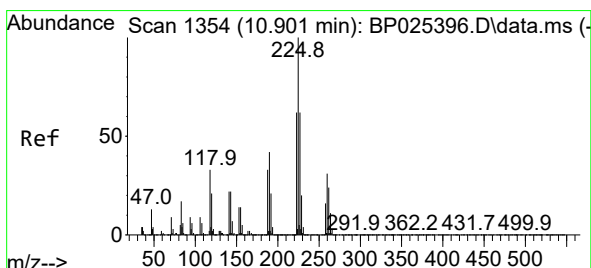
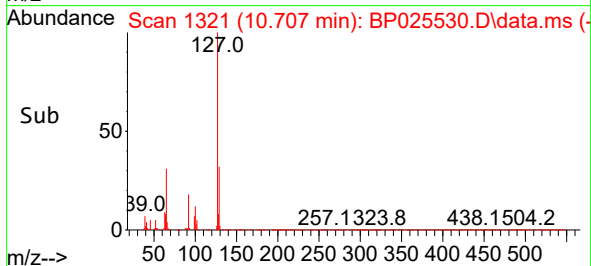
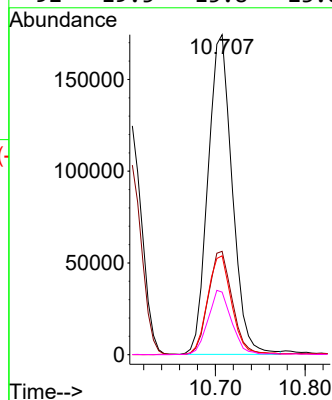
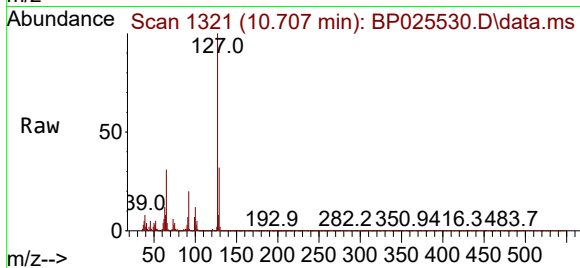
PB169285BS

Tgt Ion:127 Resp: 326352
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2
65 30.9 23.8 35.6
92 19.5 15.8 23.8

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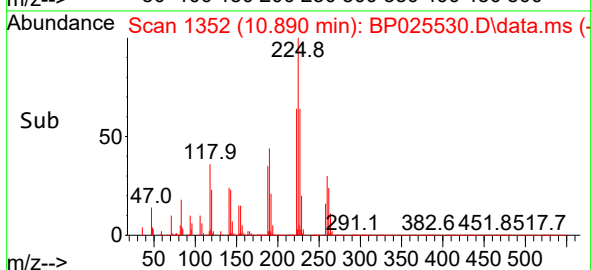
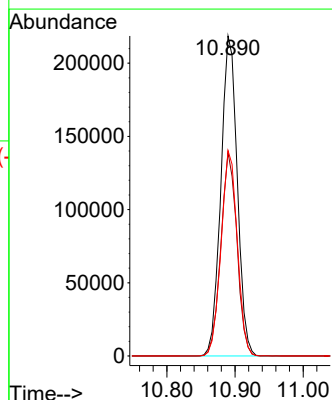
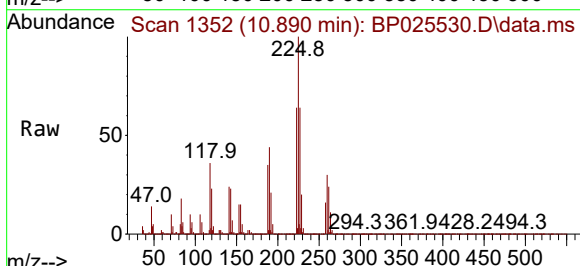
APPROVED

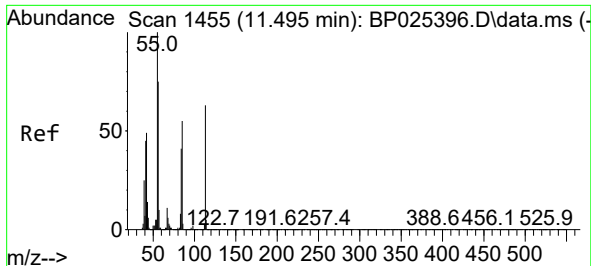
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#34
Hexachlorobutadiene
Concen: 44.198 ng
RT: 10.890 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

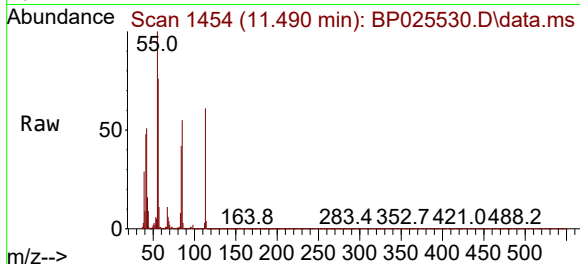
Tgt Ion:225 Resp: 365279
Ion Ratio Lower Upper
225 100
223 63.6 50.0 75.0
227 64.1 49.7 74.5





#35
Caprolactam
Concen: 41.075 ng m
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

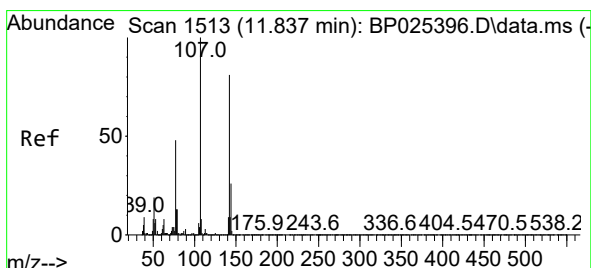
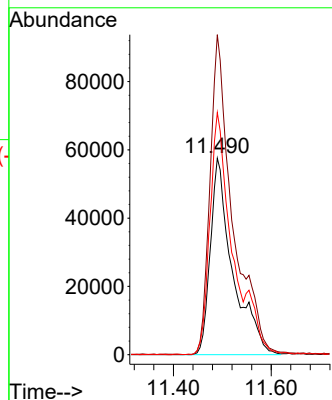
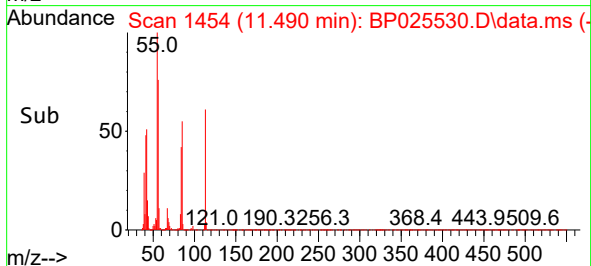
Instrument :
BNA_P
ClientSampleId :
PB169285BS



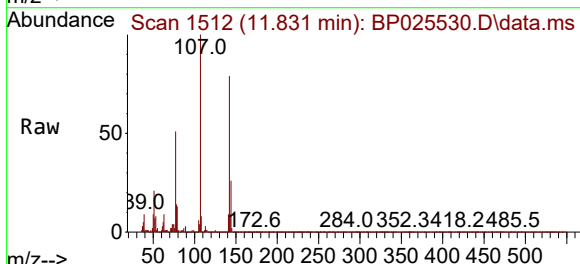
Tgt Ion:113 Resp: 18233
Ion Ratio Lower Upper
113 100
55 162.9 140.0 180.0
56 123.2 100.0 140.0

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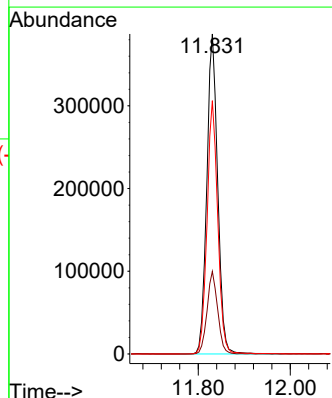
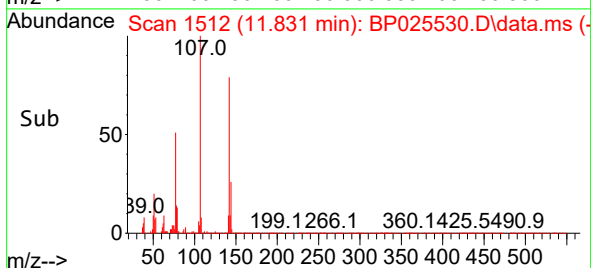
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#36
4-Chloro-3-methylphenol
Concen: 45.952 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion:107 Resp: 638326
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.4
142 79.2 64.6 97.0





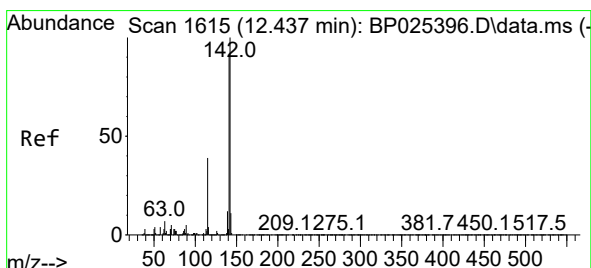
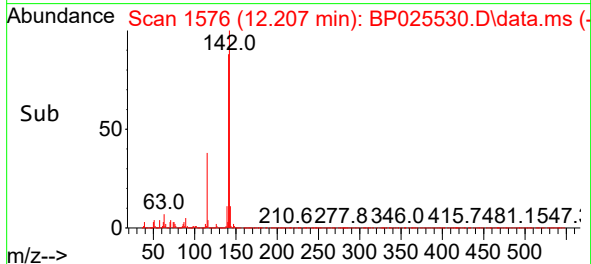
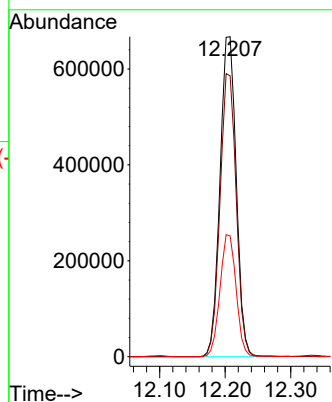
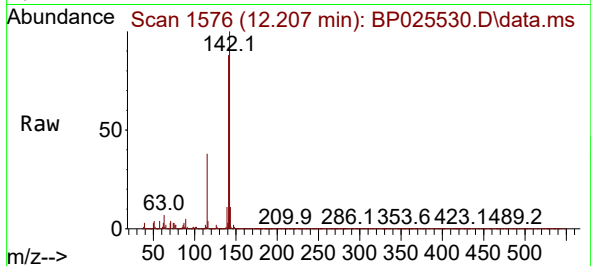
#37
2-Methylnaphthalene
Concen: 43.278 ng
RT: 12.207 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :
BNA_P
ClientSampleId :
PB169285BS

Tgt Ion:142 Resp: 114408
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5
115 37.8 28.9 43.3

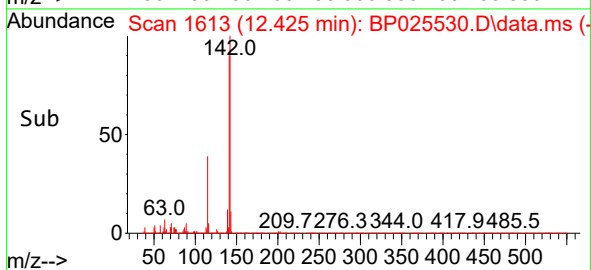
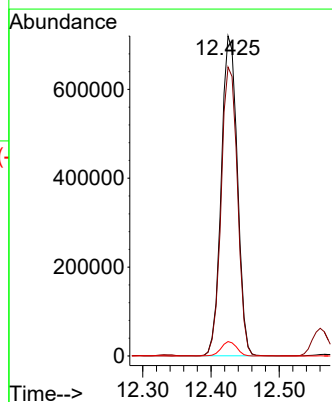
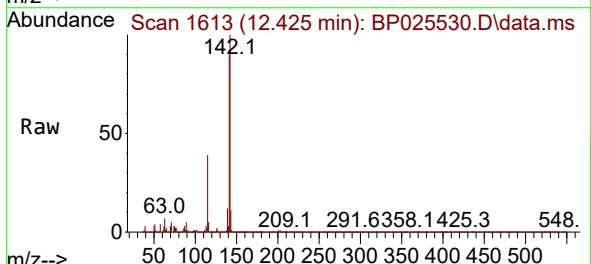
Manual Integrations
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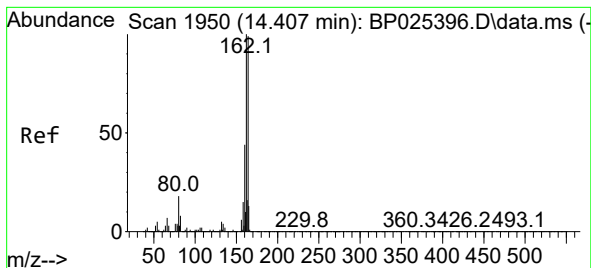
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#38
1-Methylnaphthalene
Concen: 42.108 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Tgt Ion:142 Resp: 1183766
Ion Ratio Lower Upper
142 100
141 90.3 73.1 109.7
116 4.5 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

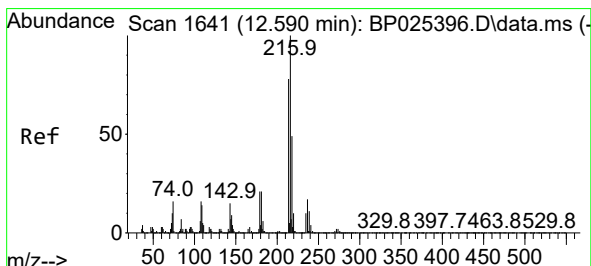
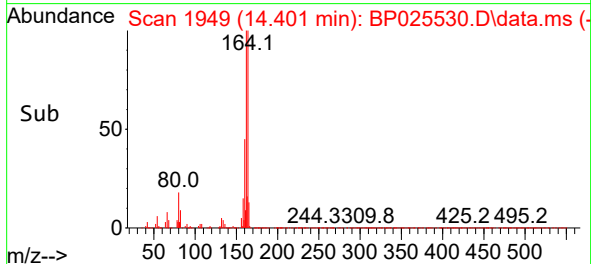
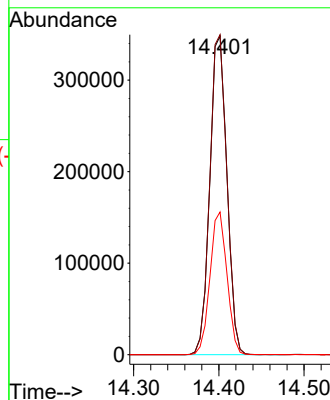
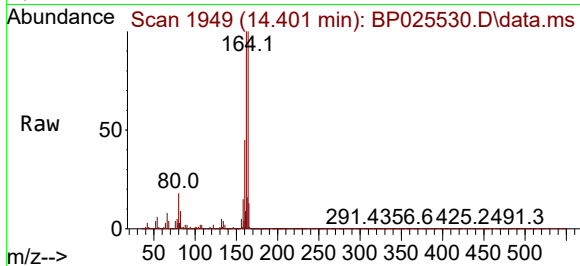
Tgt Ion:164	Resp: 484678
Ion Ratio	Lower Upper
164	100
162	100.4 81.0 121.6
160	44.8 35.4 53.2

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: 44.579 ng

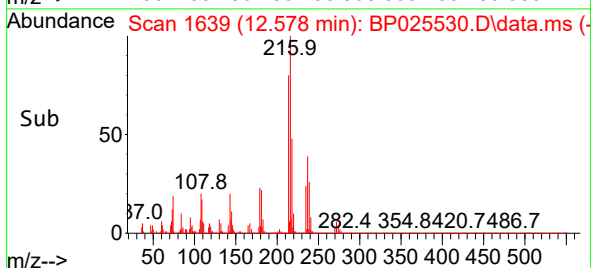
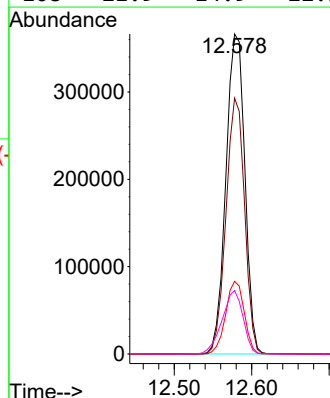
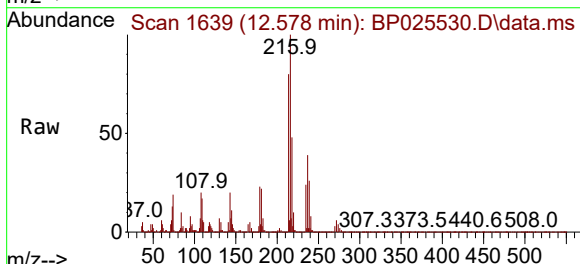
RT: 12.578 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

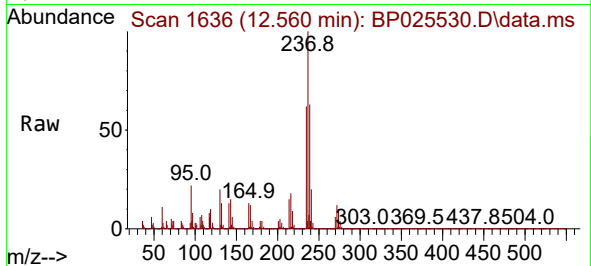
Tgt Ion:216	Resp: 624020
Ion Ratio	Lower Upper
216	100
214	78.4 63.0 94.4
179	22.3 17.1 25.7
108	21.9 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 93.544 ng
RT: 12.560 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

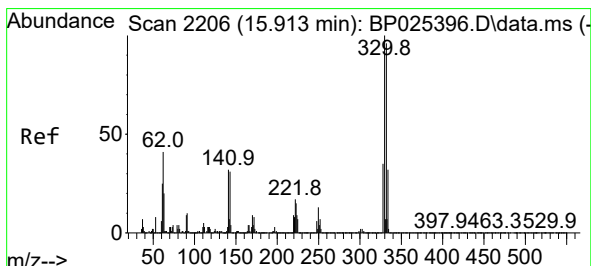
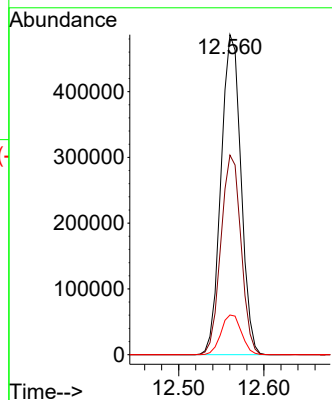
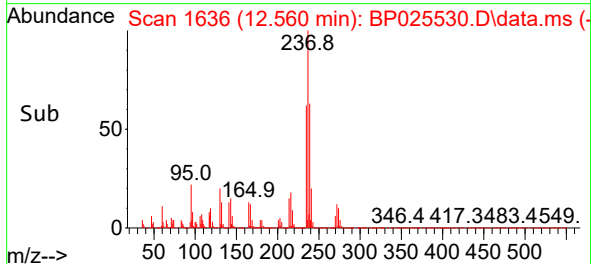
Instrument :
BNA_P
ClientSampleId :
PB169285BS



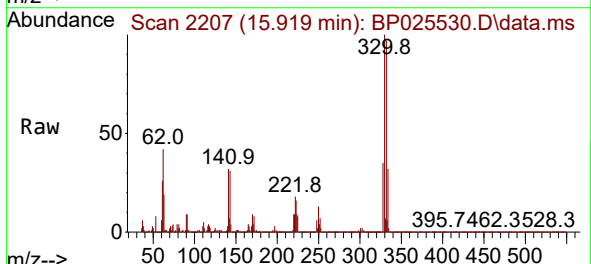
Tgt Ion: 237 Resp: 790940
Ion Ratio Lower Upper
237 100
235 62.4 42.7 82.7
272 12.4 0.0 34.0

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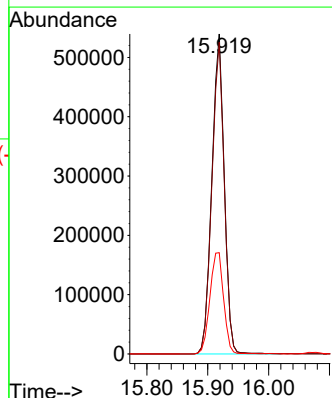
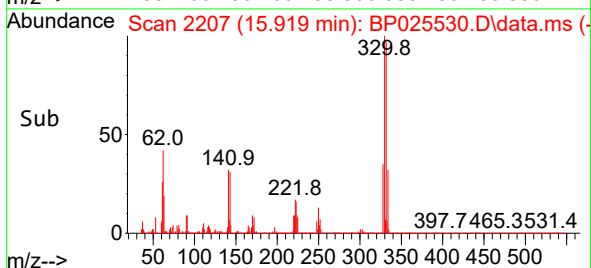
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

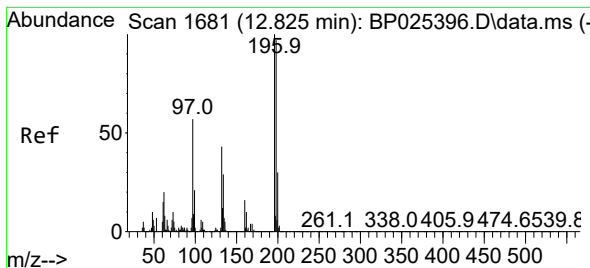


#42
2,4,6-Tribromophenol
Concen: 117.236 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion: 330 Resp: 764828
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 35.0 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 47.821 ng

RT: 12.819 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

Tgt Ion:196 Resp: 45192

Ion Ratio Lower Upper

196 100

198 97.4 77.2 115.8

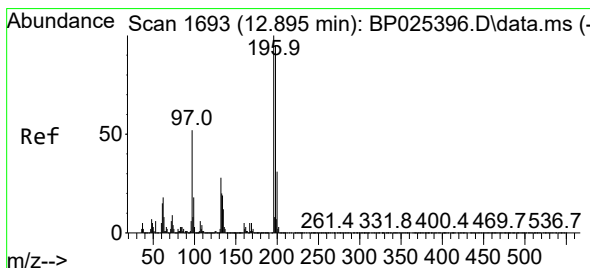
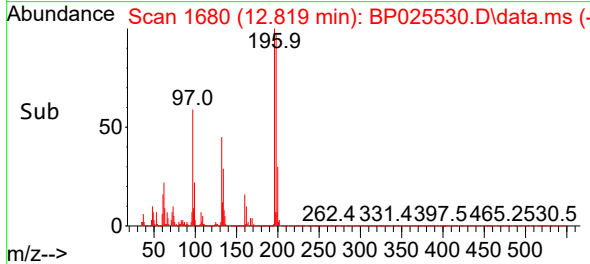
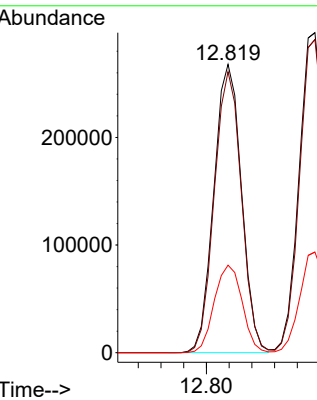
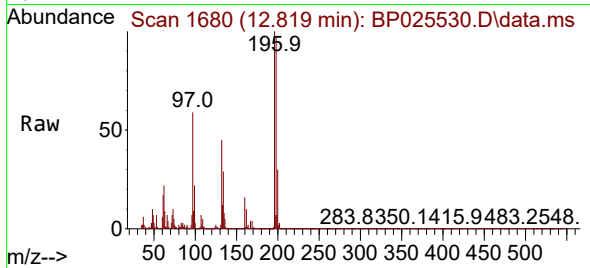
200 30.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#44

2,4,5-Trichlorophenol

Concen: 48.297 ng

RT: 12.896 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Tgt Ion:196 Resp: 500217

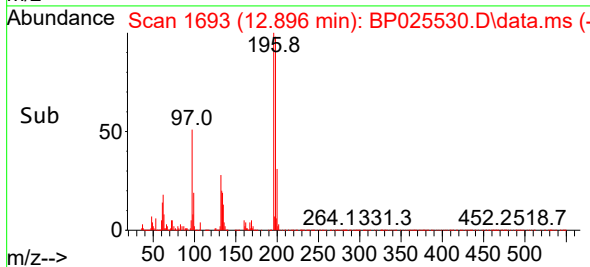
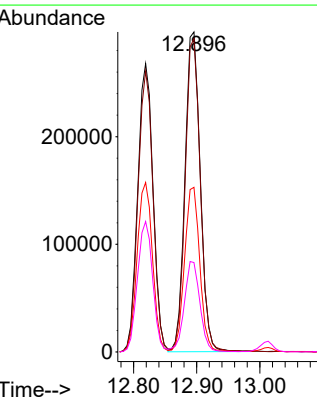
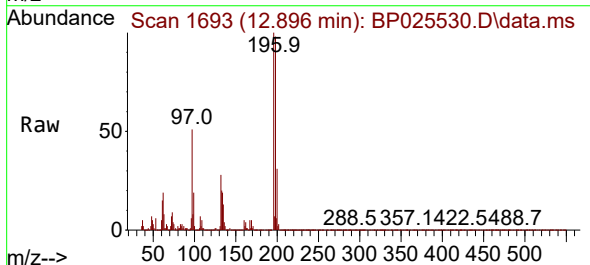
Ion Ratio Lower Upper

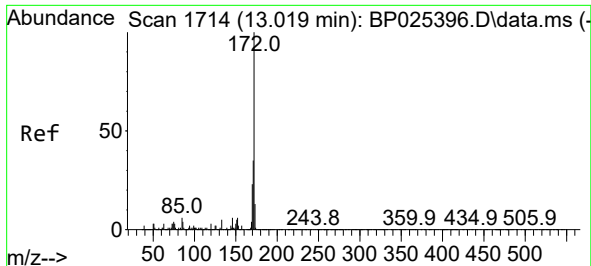
196 100

198 97.8 76.2 114.2

97 51.5 41.2 61.8

132 28.0 22.6 34.0





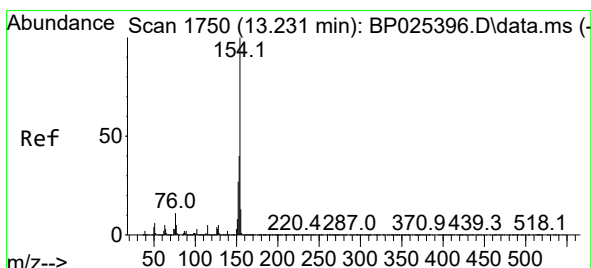
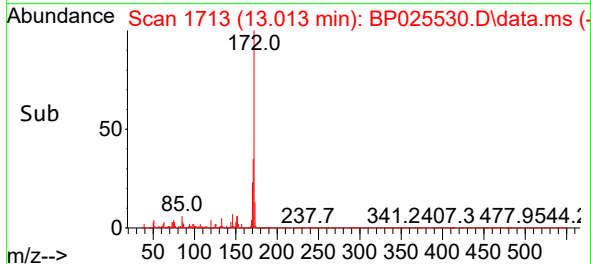
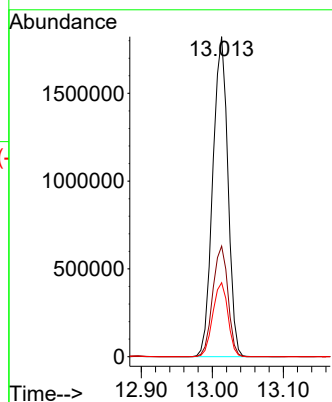
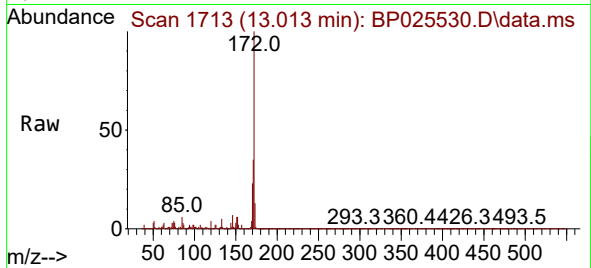
#45
2-Fluorobiphenyl
Concen: 75.639 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :
BNA_P
ClientSampleId :
PB169285BS

Tgt Ion:172 Resp: 268246
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.1 18.6 28.0

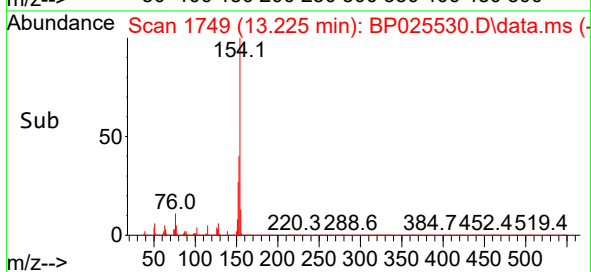
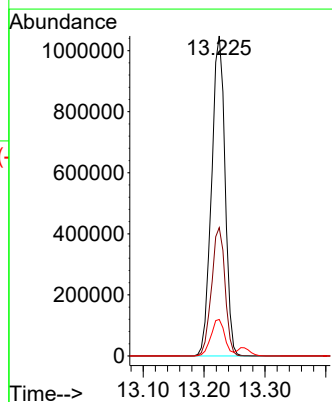
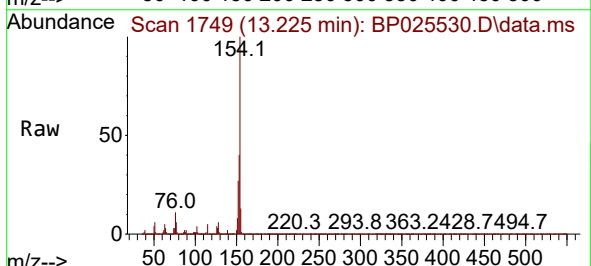
Manual Integrations
APPROVED

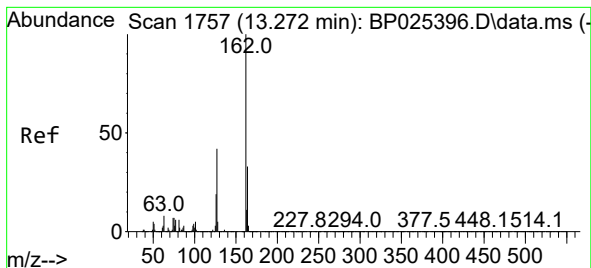
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#46
1,1'-Biphenyl
Concen: 45.701 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

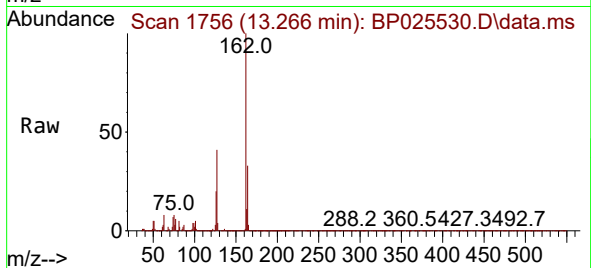
Tgt Ion:154 Resp: 1608674
Ion Ratio Lower Upper
154 100
153 40.1 19.5 59.5
76 11.4 0.0 31.1





#47
2-Chloronaphthalene
Concen: 44.714 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

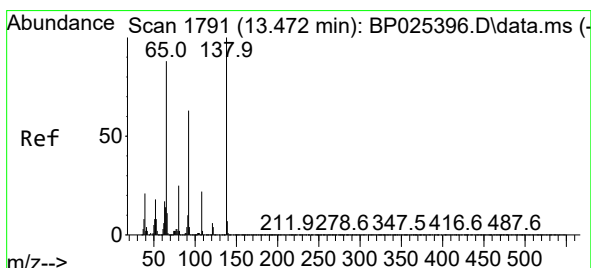
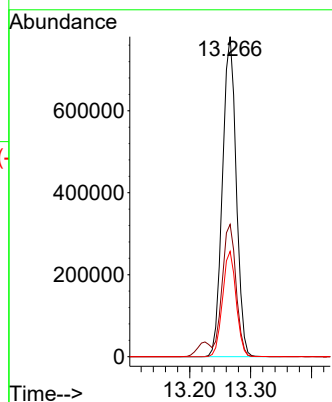
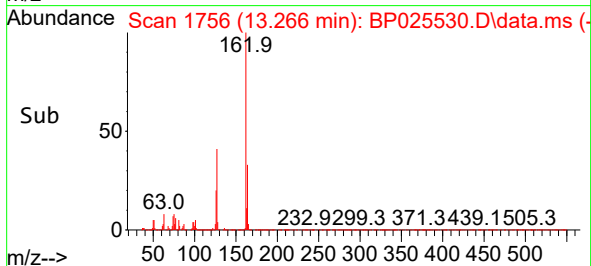
Instrument :
BNA_P
ClientSampleId :
PB169285BS



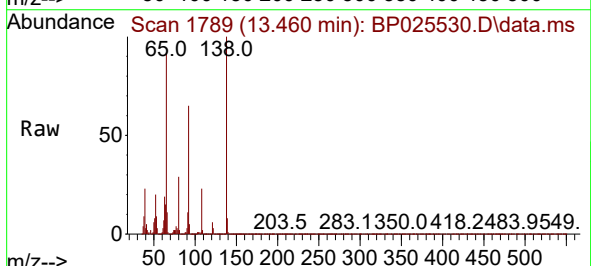
Tgt Ion:162 Resp: 1225294
Ion Ratio Lower Upper
162 100
127 41.3 33.4 50.2
164 32.9 26.2 39.2

Manual Integrations
APPROVED

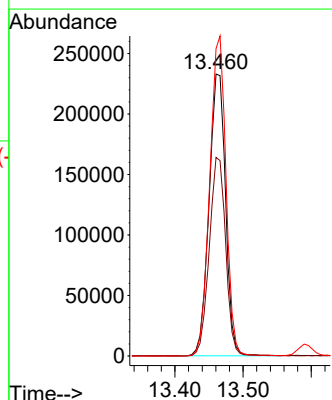
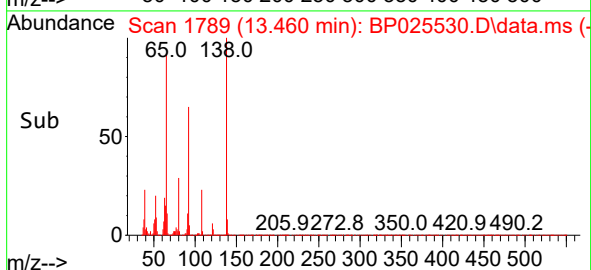
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

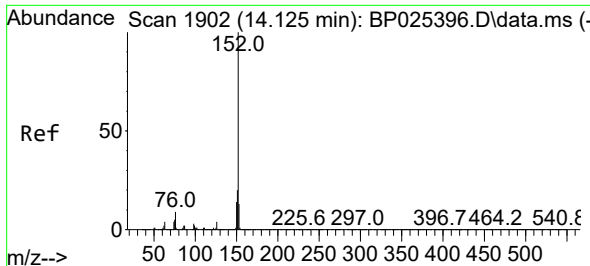


#48
2-Nitroaniline
Concen: 49.236 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion: 65 Resp: 393124
Ion Ratio Lower Upper
65 100
92 70.4 57.6 86.4
138 109.0 91.0 136.6





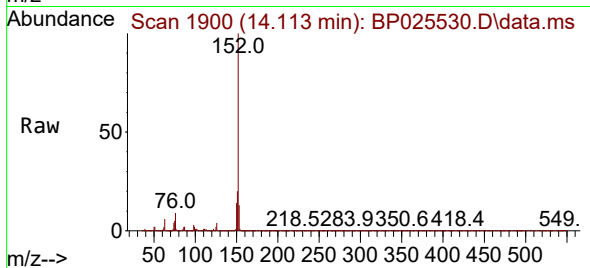
#49
Acenaphthylene
Concen: 44.637 ng
RT: 14.113 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS



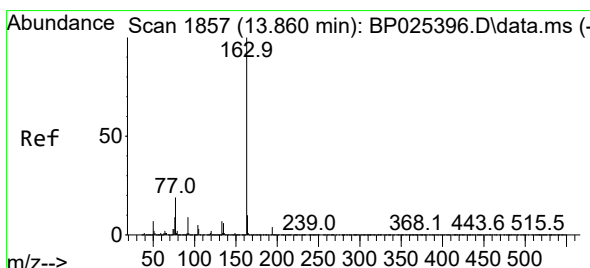
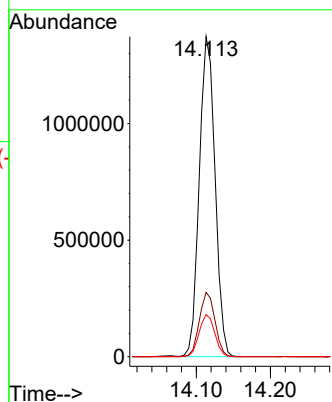
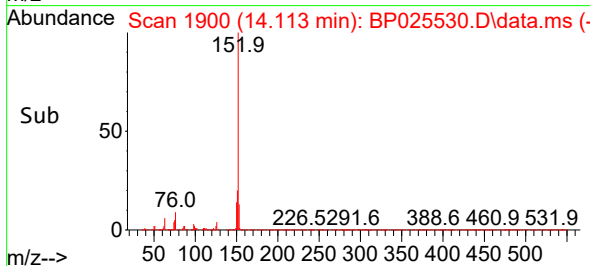
Tgt Ion:152 Resp: 202404
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 10.6 15.8

Manual Integrations

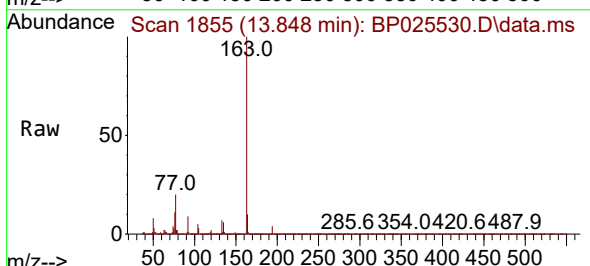
APPROVED

Reviewed By :Rahul Chavli 08/21/2025

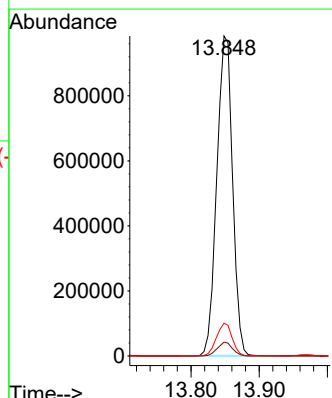
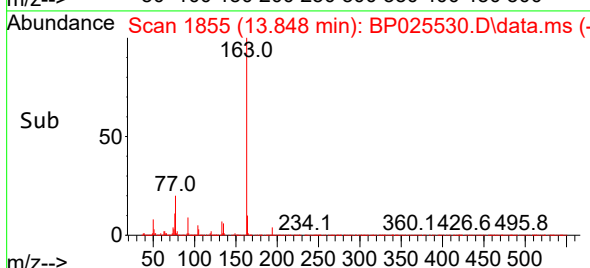
Supervised By :mohammad ahmed 08/22/2025

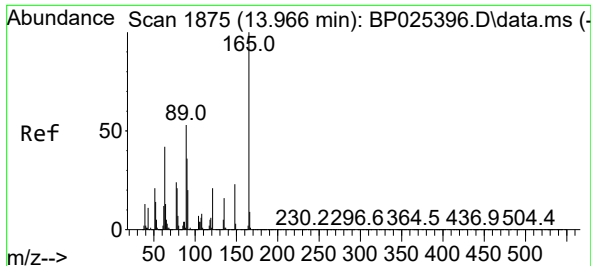


#50
Dimethylphthalate
Concen: 44.671 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



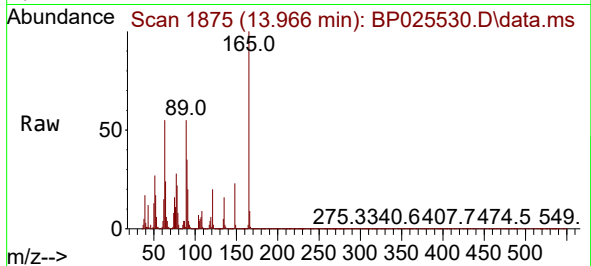
Tgt Ion:163 Resp: 1585497
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.715 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

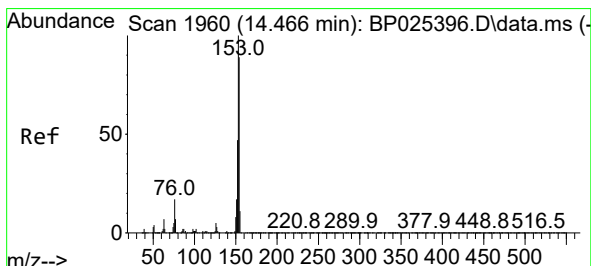
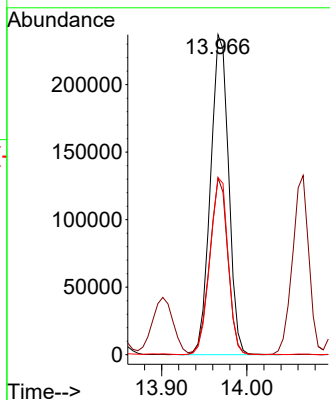
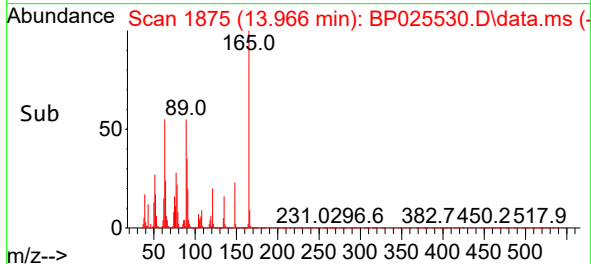
Instrument :
BNA_P
ClientSampleId :
PB169285BS



Tgt Ion:165 Resp: 349462
Ion Ratio Lower Upper
165 100
63 55.3 40.9 61.3
89 55.3 42.1 63.1

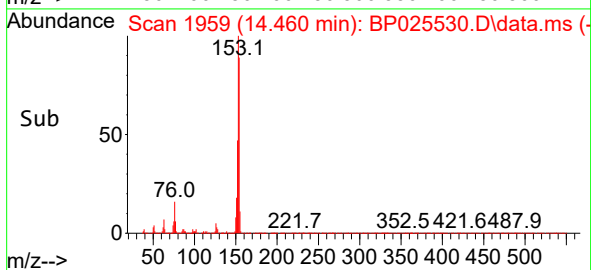
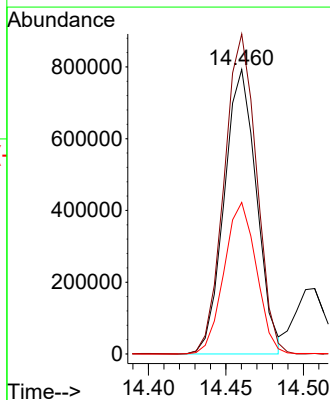
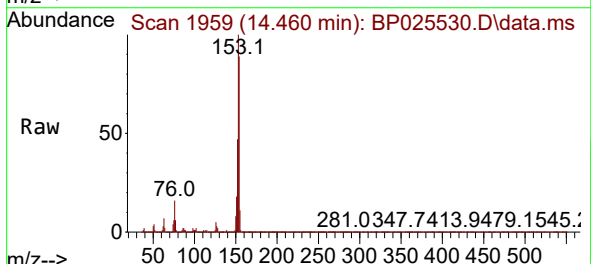
Manual Integrations
APPROVED

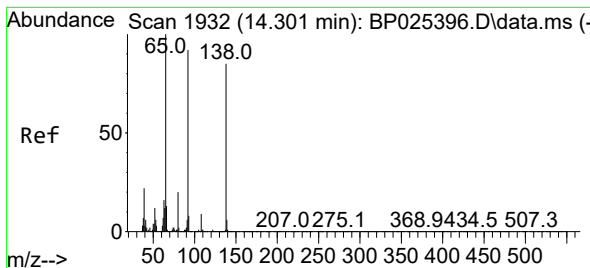
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#52
Acenaphthene
Concen: 43.162 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

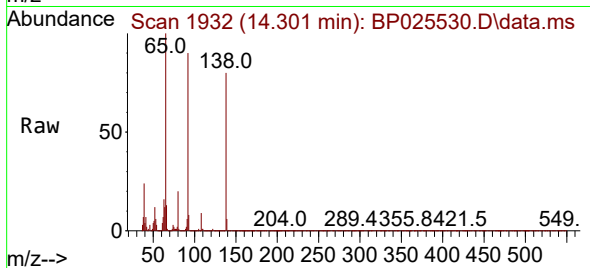
Tgt Ion:154 Resp: 1148791
Ion Ratio Lower Upper
154 100
153 112.5 90.2 135.2
152 53.2 42.1 63.1





#53
3-Nitroaniline
Concen: 26.495 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

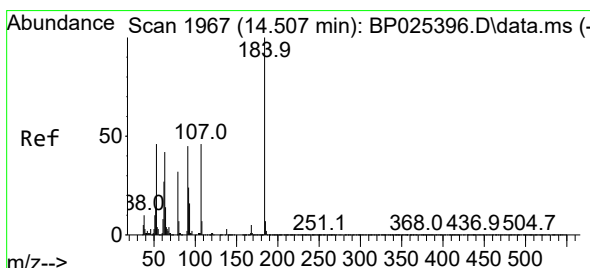
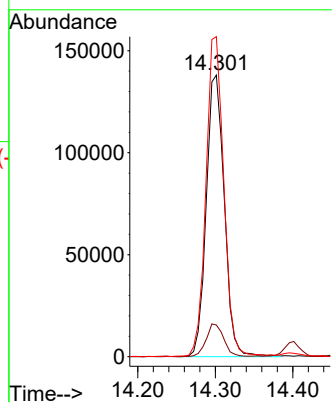
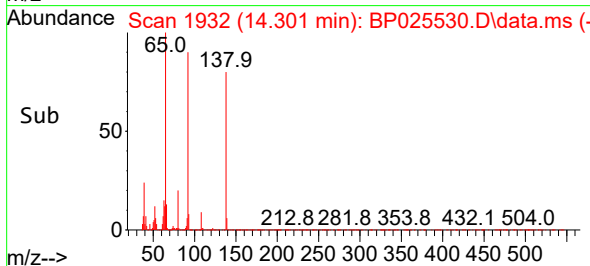
Instrument :
BNA_P
ClientSampleId :
PB169285BS



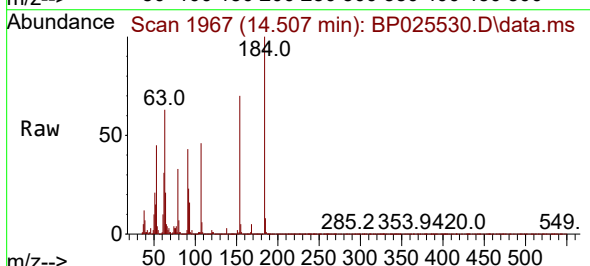
Tgt Ion:138 Resp: 222995
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 113.6 86.2 129.2

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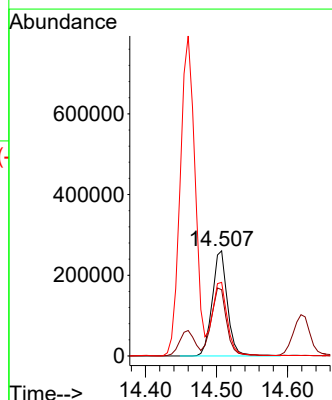
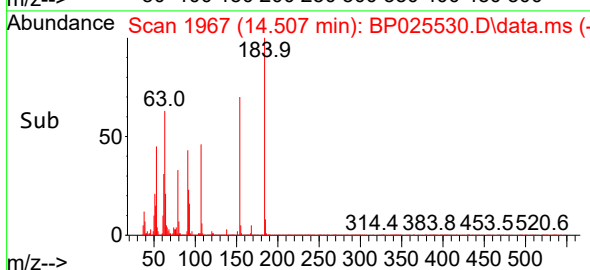
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

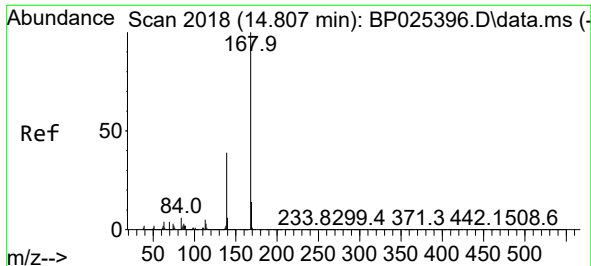


#54
2,4-Dinitrophenol
Concen: 96.905 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



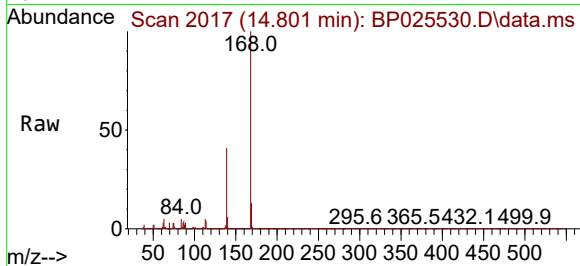
Tgt Ion:184 Resp: 387131
Ion Ratio Lower Upper
184 100
63 63.1 49.4 74.2
154 70.1 54.6 82.0





#55
Dibenzenofuran
Concen: 43.888 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

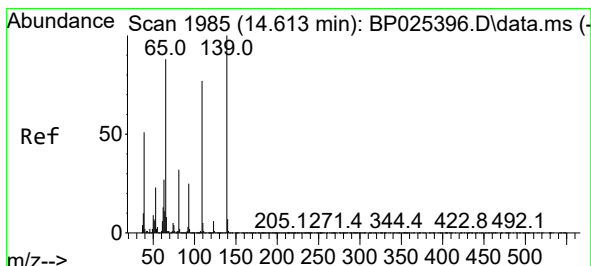
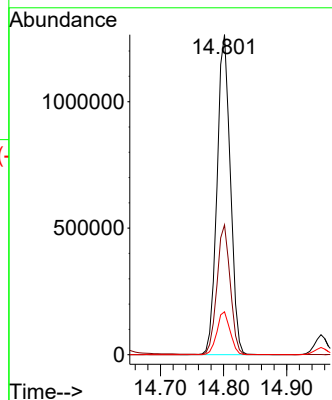
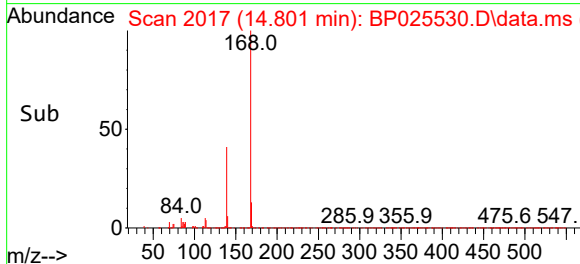
Instrument :
BNA_P
ClientSampleId :
PB169285BS



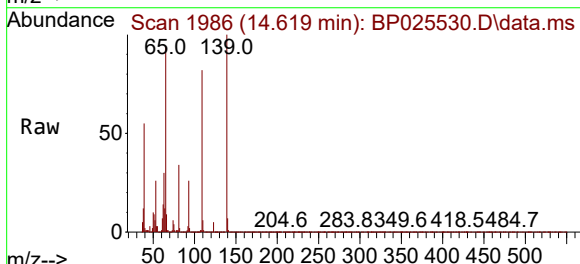
Tgt Ion:168 Resp: 184680
Ion Ratio Lower Upper
168 100
139 40.6 31.5 47.3
169 13.4 10.9 16.3

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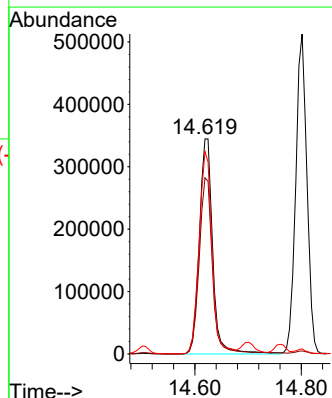
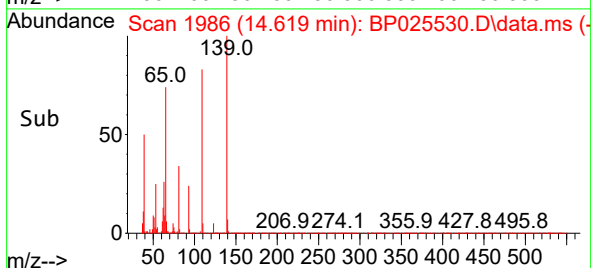
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

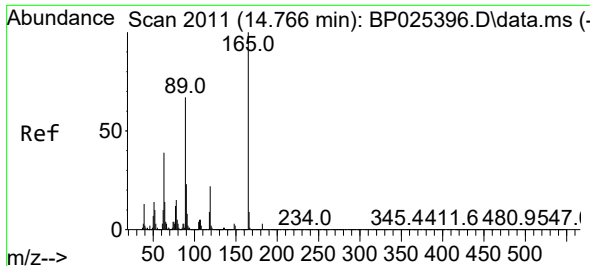


#56
4-Nitrophenol
Concen: 86.826 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion:139 Resp: 600505
Ion Ratio Lower Upper
139 100
109 81.9 56.6 96.6
65 94.1 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 44.827 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

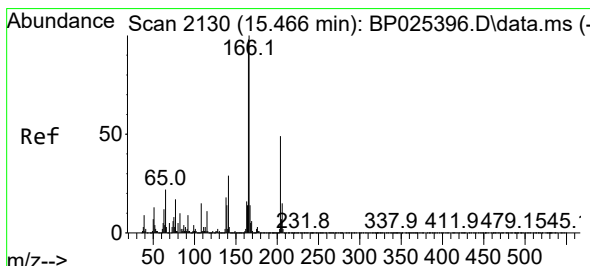
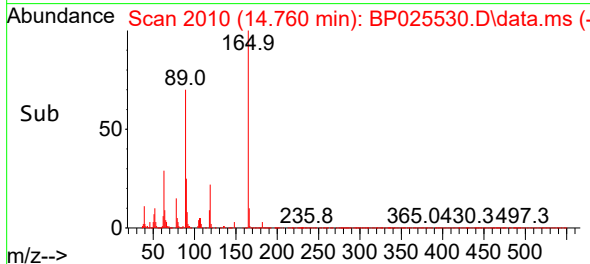
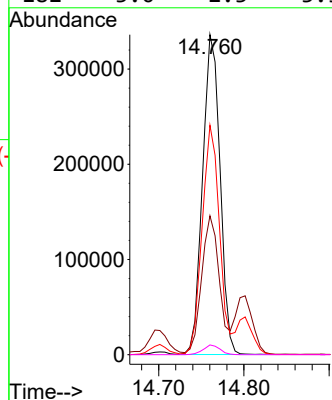
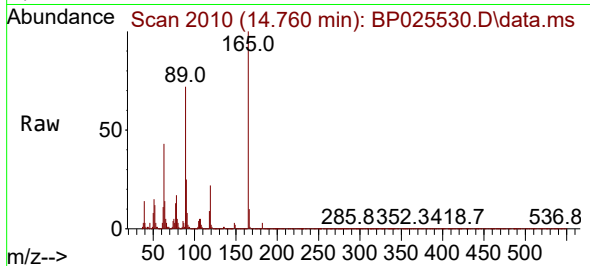
ClientSampleId :

PB169285BS

Tgt Ion:165 Resp: 47845
Ion Ratio Lower Upper
165 100
63 43.4 31.4 47.2
89 71.7 53.3 79.9
182 3.0 2.3 3.5

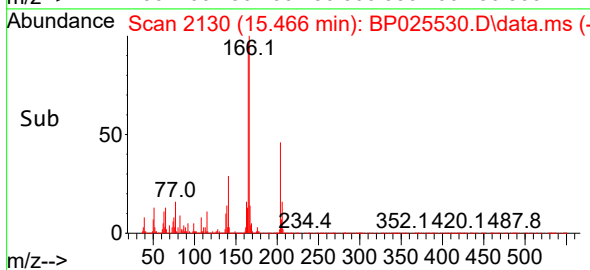
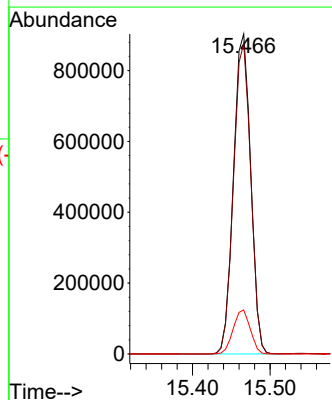
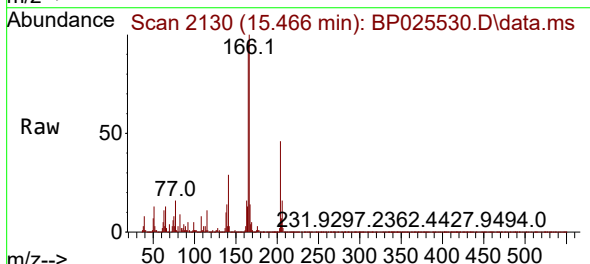
Manual Integrations
APPROVED

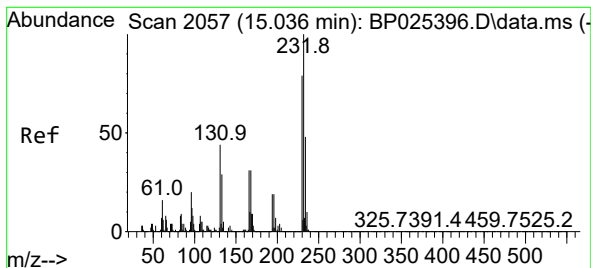
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#58
Fluorene
Concen: 41.939 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

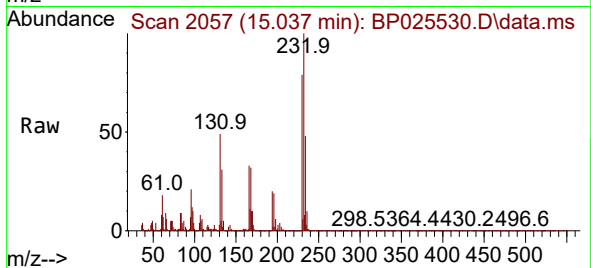
Tgt Ion:166 Resp: 1392543
Ion Ratio Lower Upper
166 100
165 97.1 78.8 118.2
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.843 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

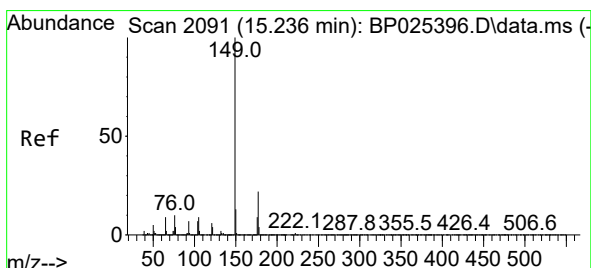
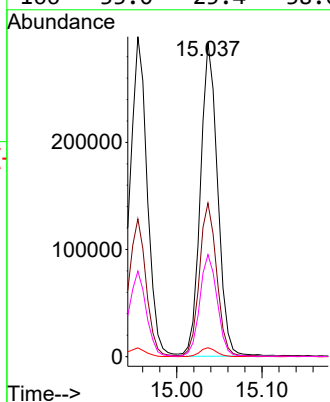
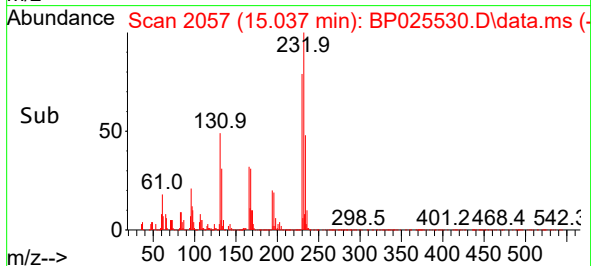
Instrument :
BNA_P
ClientSampleId :
PB169285BS



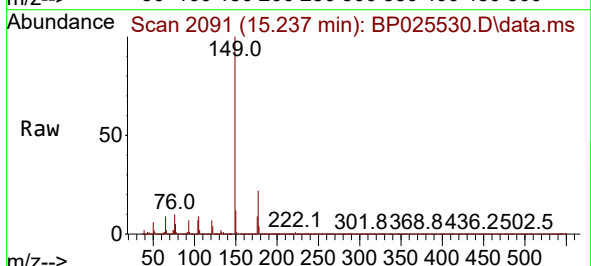
Tgt Ion:232 Resp: 410098
Ion Ratio Lower Upper
232 100
131 49.8 37.0 55.6
130 2.8 1.9 2.9
166 33.0 25.4 38.0

Manual Integrations
APPROVED

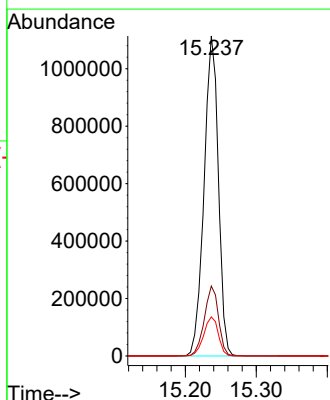
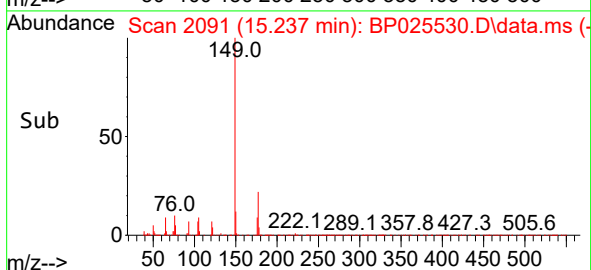
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

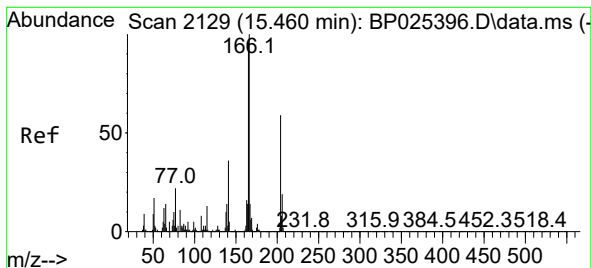


#60
Diethylphthalate
Concen: 43.271 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



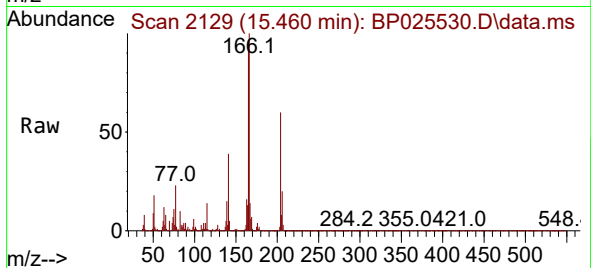
Tgt Ion:149 Resp: 1560529
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.2 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 41.640 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

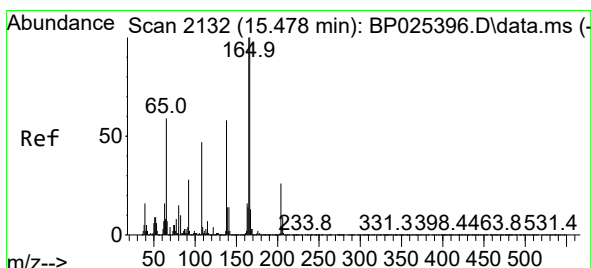
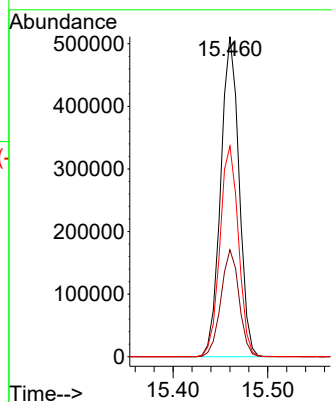
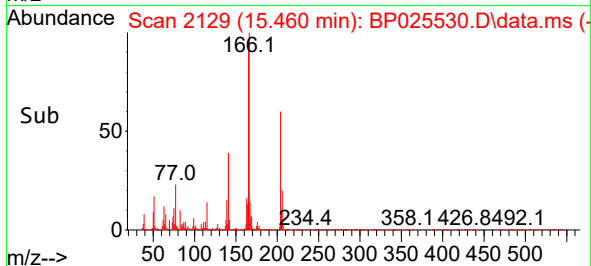
Instrument :
BNA_P
ClientSampleId :
PB169285BS



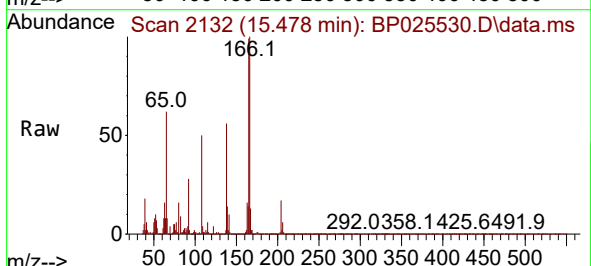
Tgt Ion:204 Resp: 687620
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 65.8 49.4 74.2

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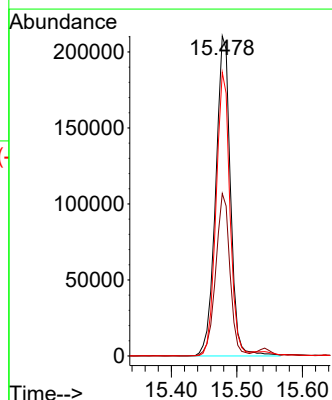
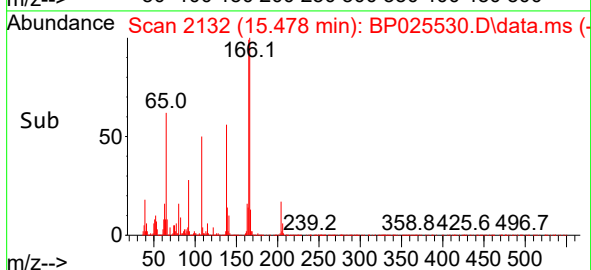
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

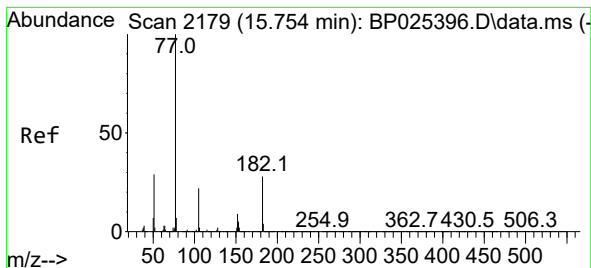


#62
4-Nitroaniline
Concen: 38.156 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion:138 Resp: 329227
Ion Ratio Lower Upper
138 100
92 50.7 29.1 69.1
108 88.6 61.5 101.5





#63

Azobenzene

Concen: 45.891 ng

RT: 15.766 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BP025530.D

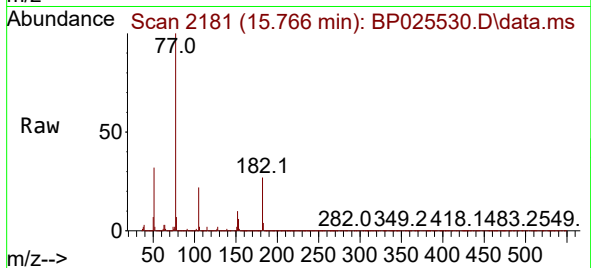
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS



Tgt Ion: 77 Resp: 1417130

Ion Ratio Lower Upper

77 100

182 26.7 7.5 47.5

105 22.0 2.1 42.1

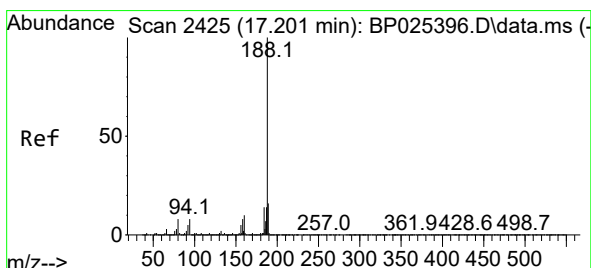
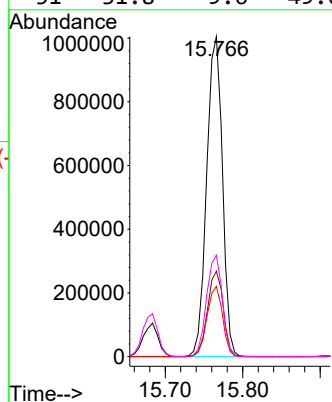
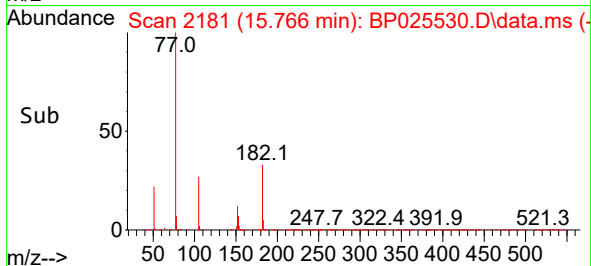
51 31.8 9.6 49.6

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: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

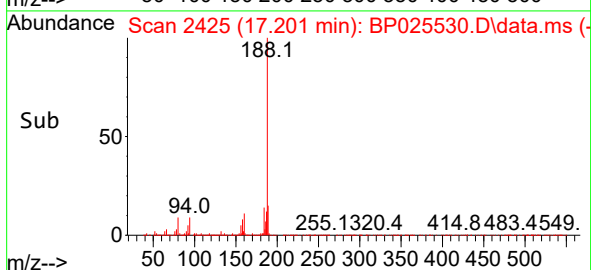
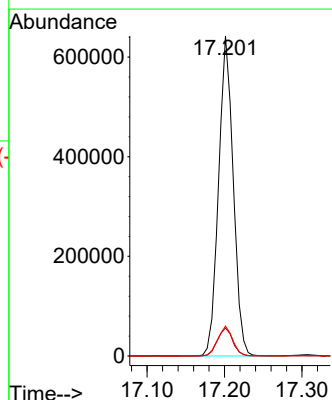
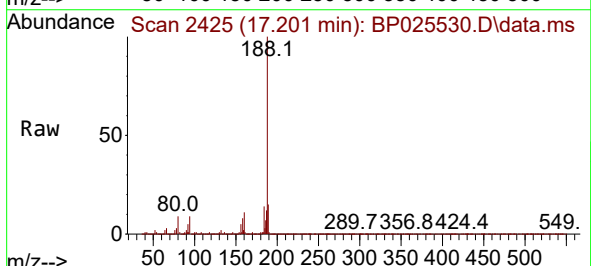
Tgt Ion:188 Resp: 844280

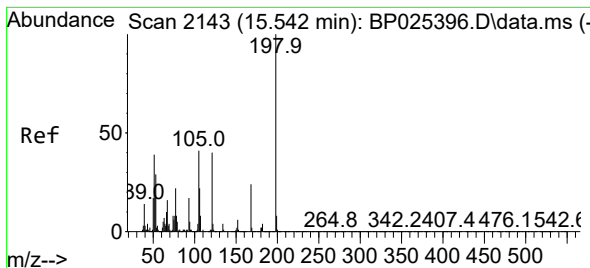
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.4 6.7 10.1





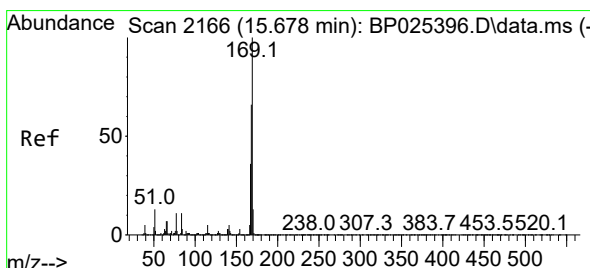
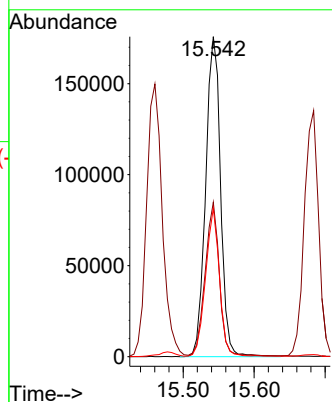
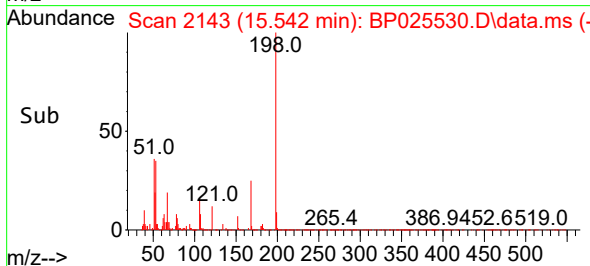
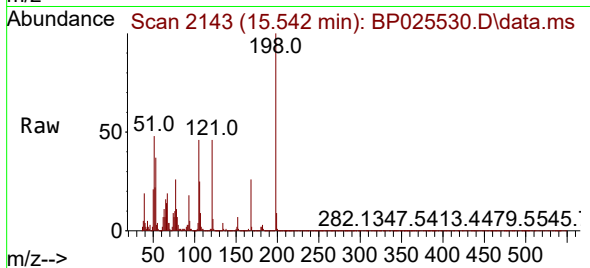
#65
4,6-Dinitro-2-methylphenol
Concen: 48.753 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :
BNA_P
ClientSampleId :
PB169285BS

Tgt Ion:198 Resp: 256578
Ion Ratio Lower Upper
198 100
51 48.2 19.6 59.6
105 46.4 20.9 60.9

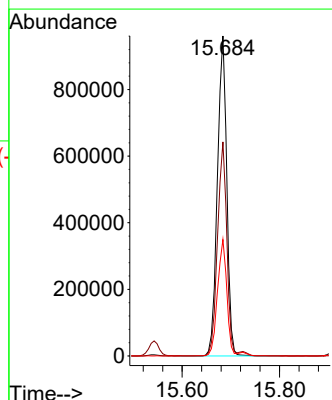
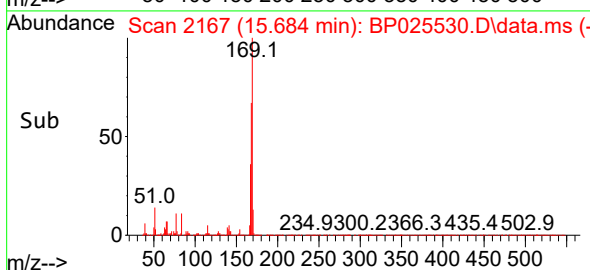
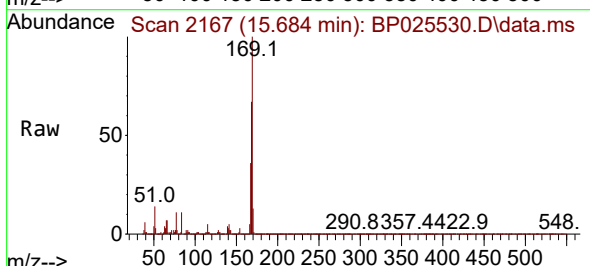
Manual Integrations
APPROVED

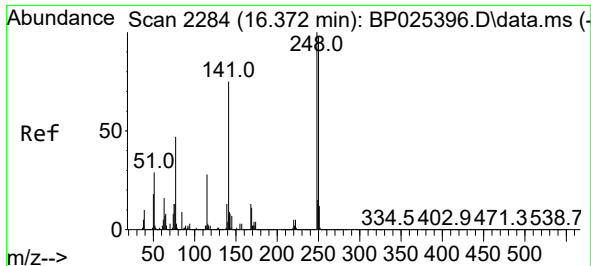
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#66
n-Nitrosodiphenylamine
Concen: 49.640 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Tgt Ion:169 Resp: 1278012
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.4 28.7 43.1





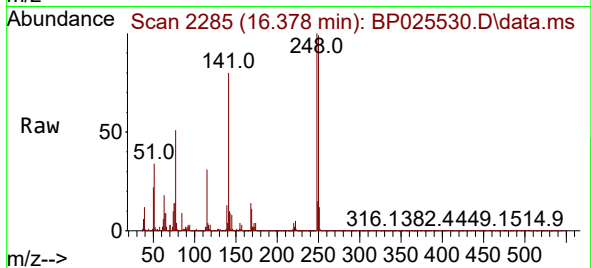
#67
4-Bromophenyl-phenylether
Concen: 48.992 ng
RT: 16.378 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

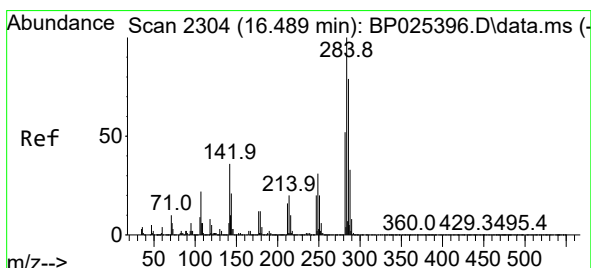
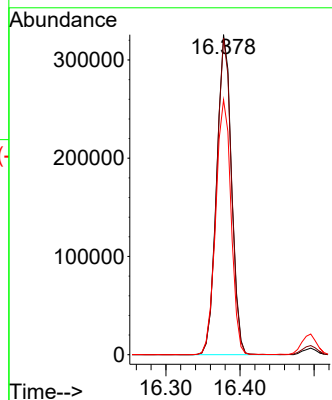
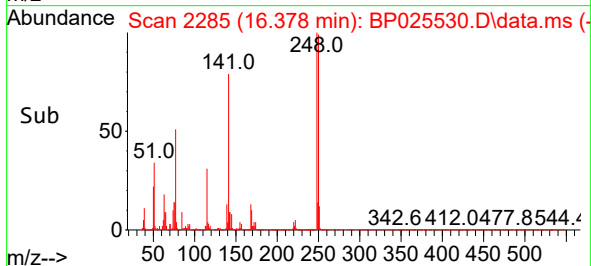


Tgt Ion:248 Resp: 454915
Ion Ratio Lower Upper
248 100
250 98.9 78.2 117.2
141 79.6 59.6 89.4

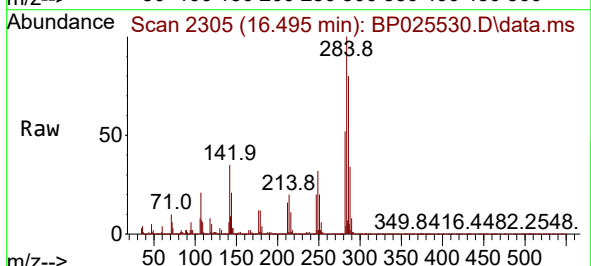
Manual Integrations

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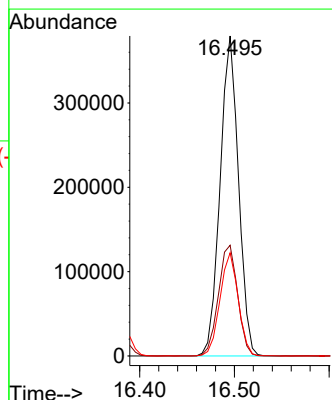
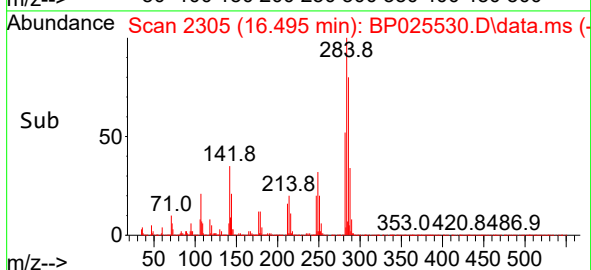
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

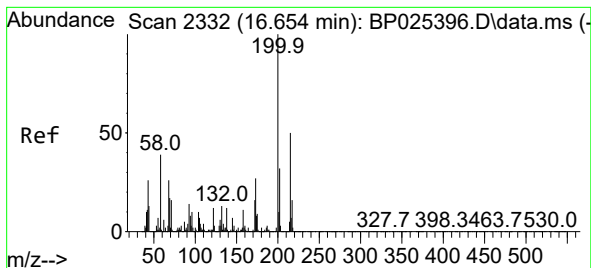


#68
Hexachlorobenzene
Concen: 47.550 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



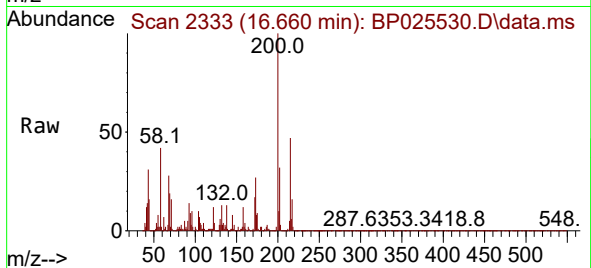
Tgt Ion:284 Resp: 511819
Ion Ratio Lower Upper
284 100
142 34.6 29.1 43.7
249 32.2 25.0 37.4





#69
Atrazine
Concen: 45.370 ng
RT: 16.660 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

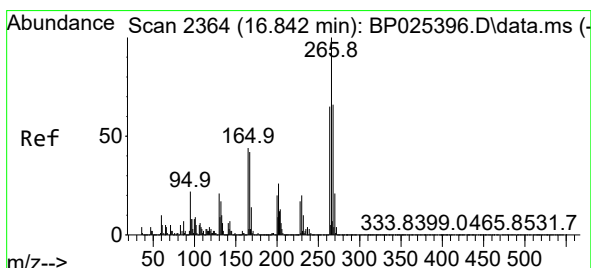
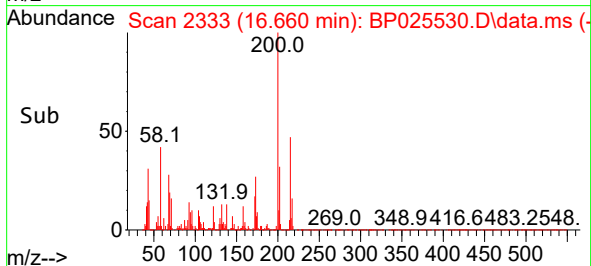
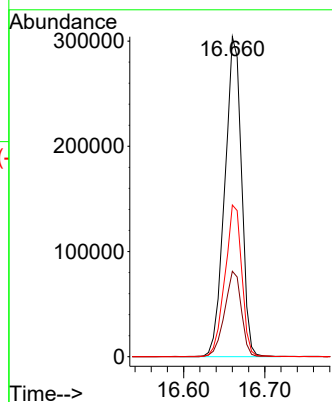
Instrument :
BNA_P
ClientSampleId :
PB169285BS



Tgt Ion:200 Resp: 437448
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 47.4 29.7 69.7

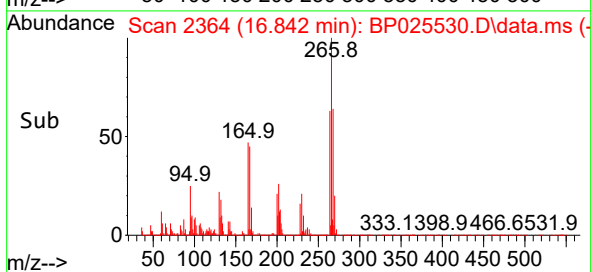
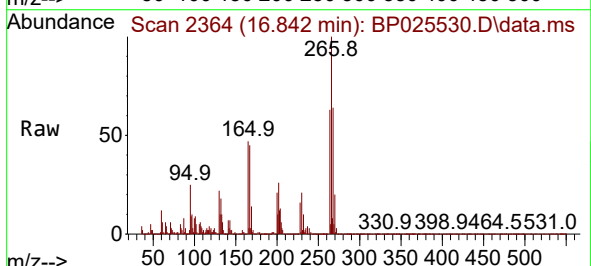
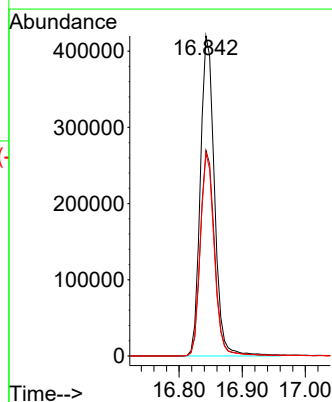
Manual Integrations
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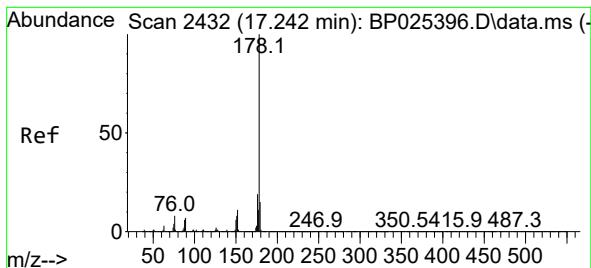
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#70
Pentachlorophenol
Concen: 95.414 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Tgt Ion:266 Resp: 648309
Ion Ratio Lower Upper
266 100
268 64.3 52.6 79.0
264 63.3 52.0 78.0





#71

Phenanthrene

Concen: 45.771 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

Tgt Ion:178 Resp: 2122819

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

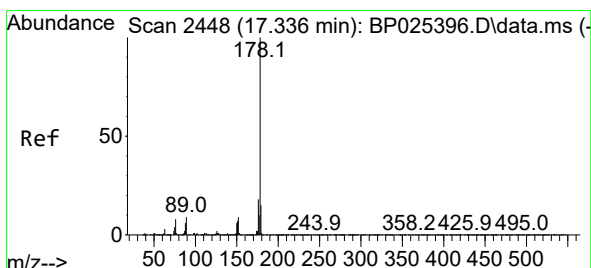
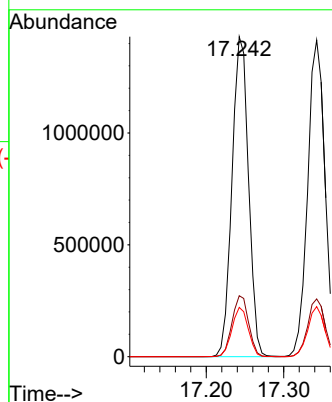
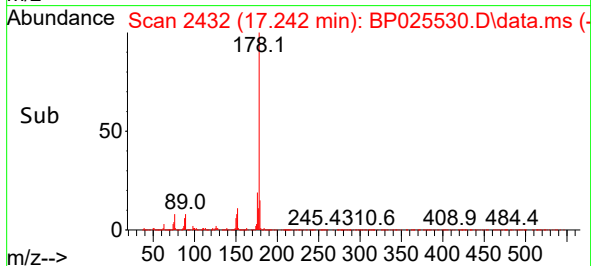
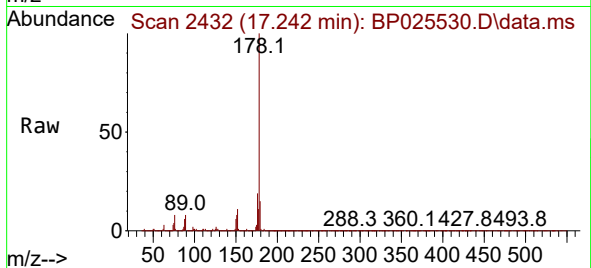
179 15.4 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#72

Anthracene

Concen: 46.478 ng

RT: 17.342 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

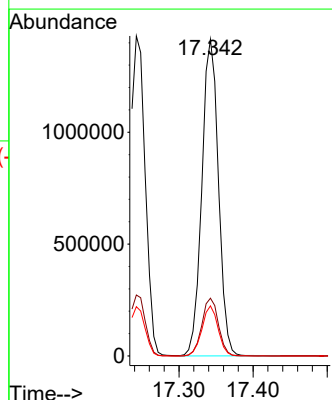
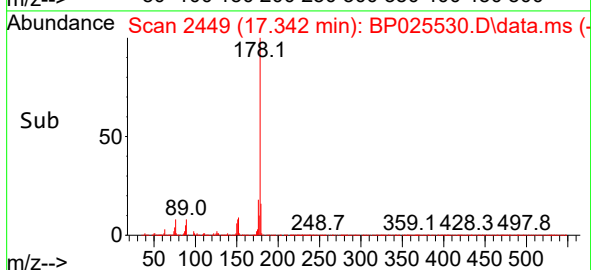
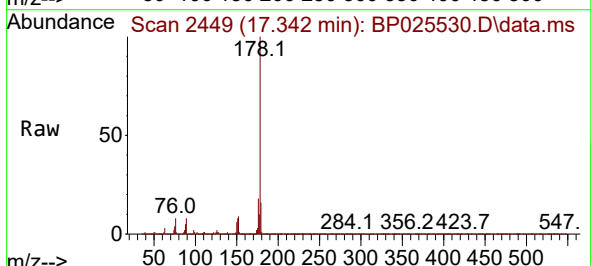
Tgt Ion:178 Resp: 2201306

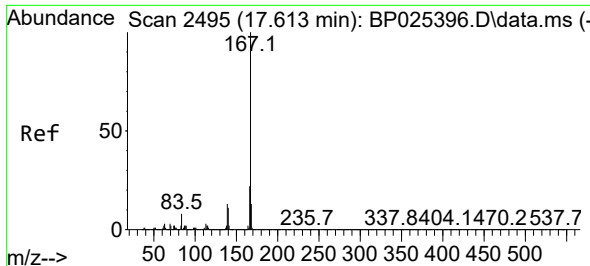
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

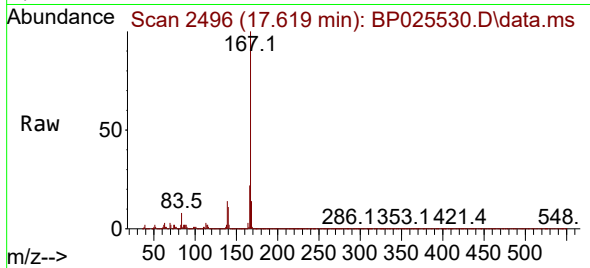
179 15.8 12.2 18.2





#73
 Carbazole
 Concen: 42.841 ng
 RT: 17.619 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025530.D
 Acq: 21 Aug 2025 08:03

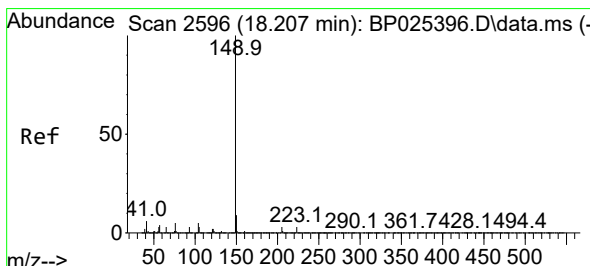
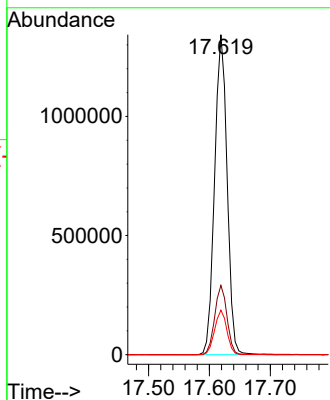
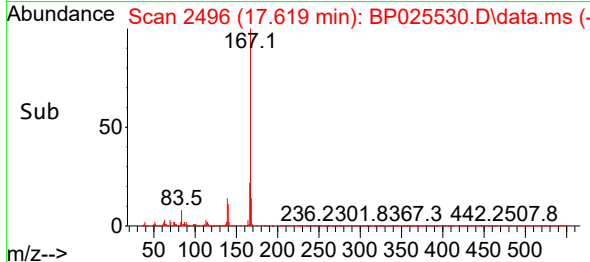
Instrument :
 BNA_P
 ClientSampleId :
 PB169285BS



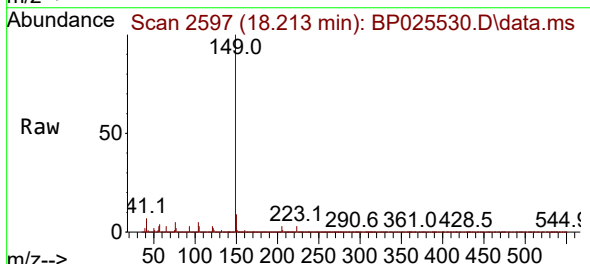
Tgt Ion:167 Resp: 191118
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.9 10.6 16.0

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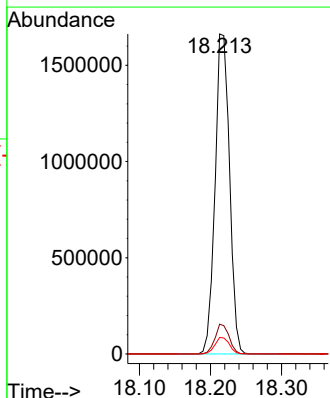
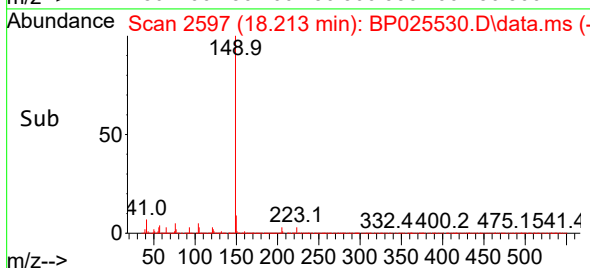
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

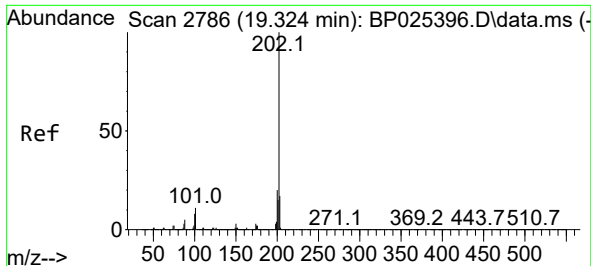


#74
 Di-n-butylphthalate
 Concen: 42.676 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025530.D
 Acq: 21 Aug 2025 08:03



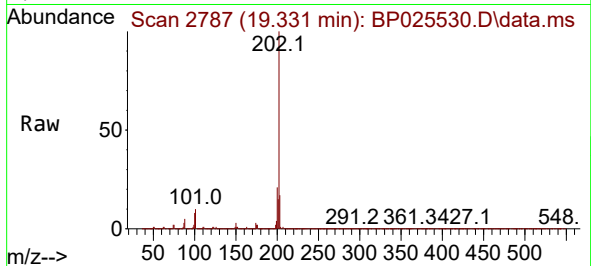
Tgt Ion:149 Resp: 2342348
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 39.167 ng
RT: 19.331 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

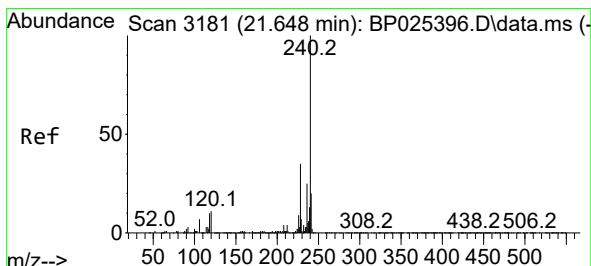
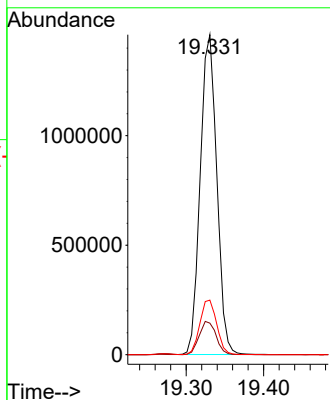
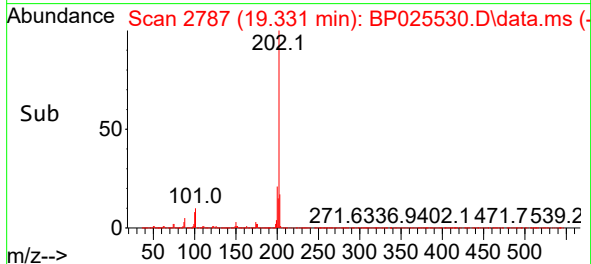
Instrument :
BNA_P
ClientSampleId :
PB169285BS



Tgt Ion:202 Resp: 2166810
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.1
203 17.1 0.0 37.3

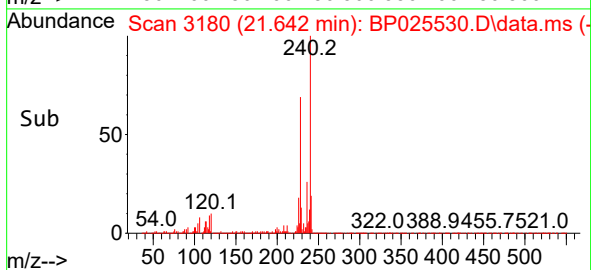
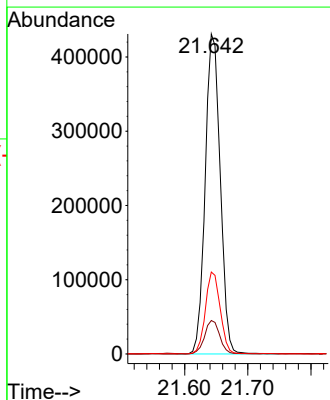
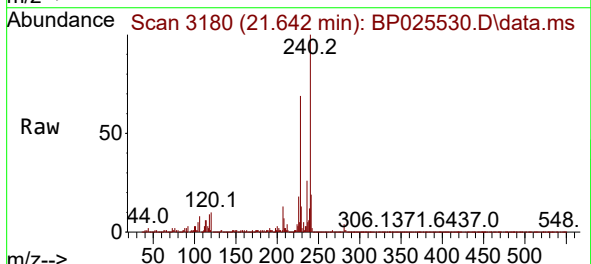
Manual Integrations
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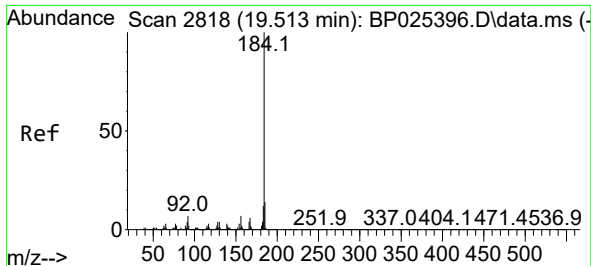
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

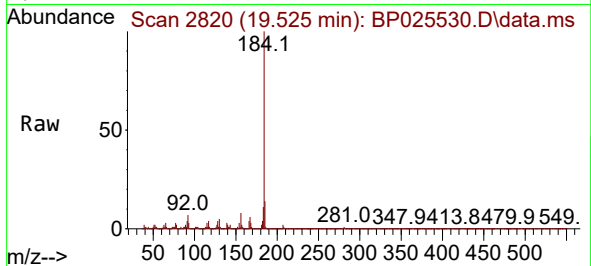
Tgt Ion:240 Resp: 710264
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.6 19.8 29.8





#77
Benzidine
Concen: 32.877 ng
RT: 19.525 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

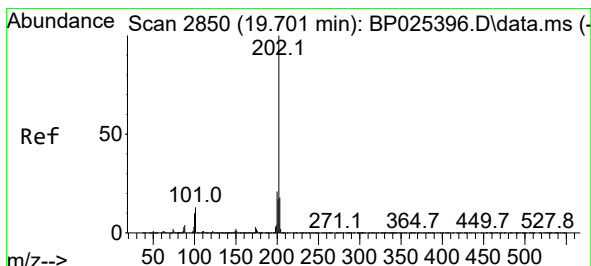
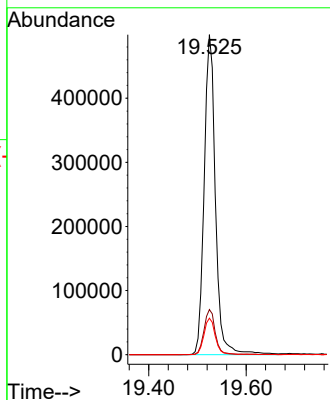
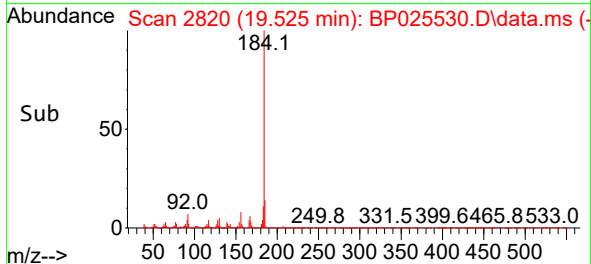
Instrument :
BNA_P
ClientSampleId :
PB169285BS



Tgt Ion:184 Resp: 796925
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.4 9.4 14.2

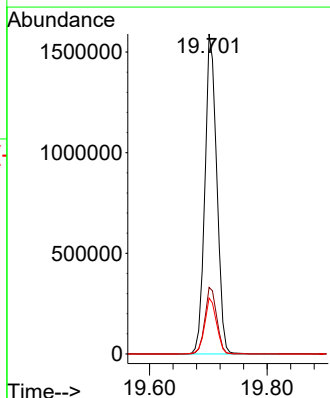
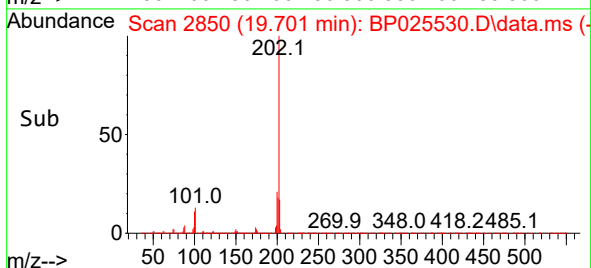
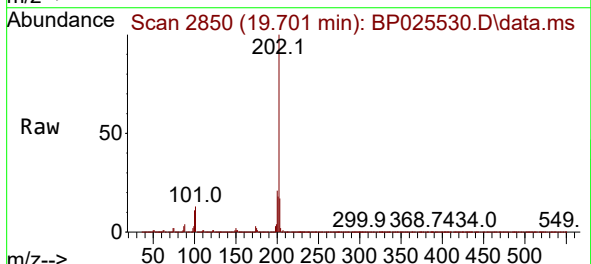
Manual Integrations
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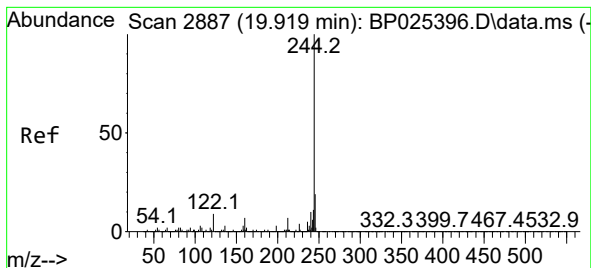
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#78
Pyrene
Concen: 48.321 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

Tgt Ion:202 Resp: 2230728
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 79.100 ng

RT: 19.930 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025530.D

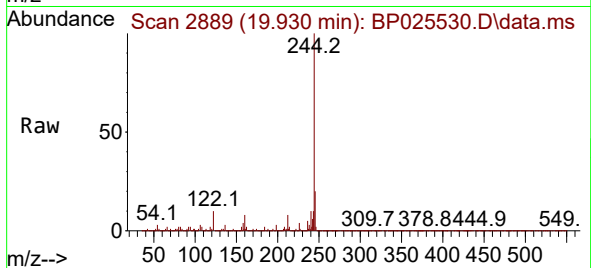
Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS



Tgt Ion:244 Resp: 3070754

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

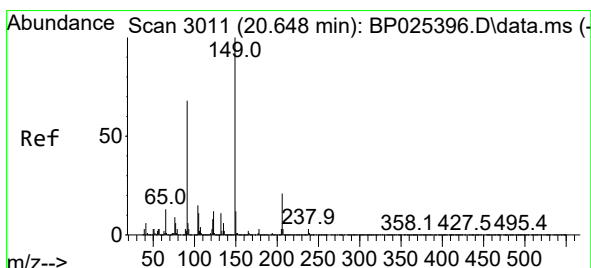
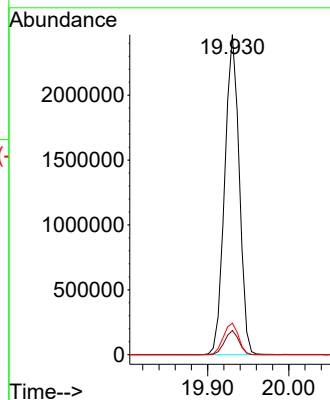
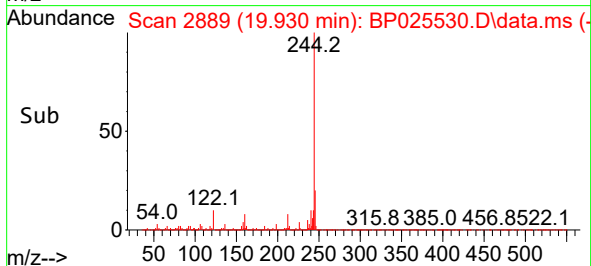
122 9.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#80

Butylbenzylphthalate

Concen: 44.474 ng

RT: 20.660 min Scan# 3013

Delta R.T. 0.012 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

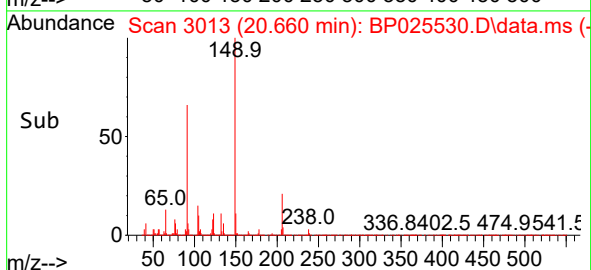
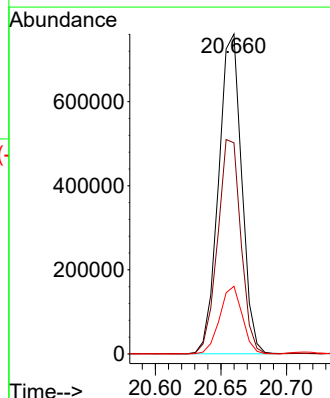
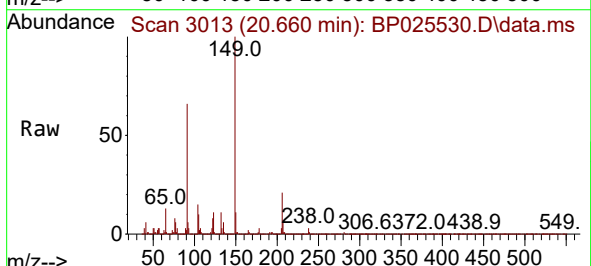
Tgt Ion:149 Resp: 930500

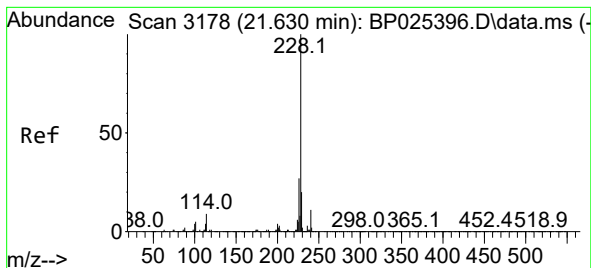
Ion Ratio Lower Upper

149 100

91 66.0 54.2 81.2

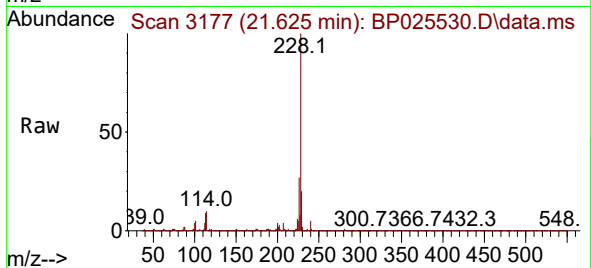
206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 46.219 ng
RT: 21.625 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

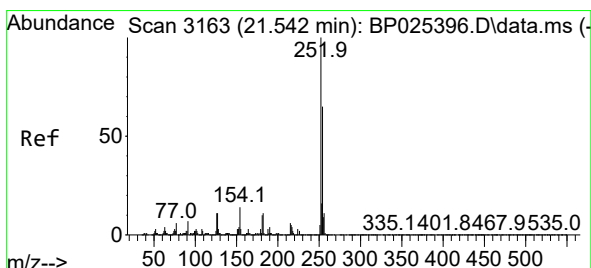
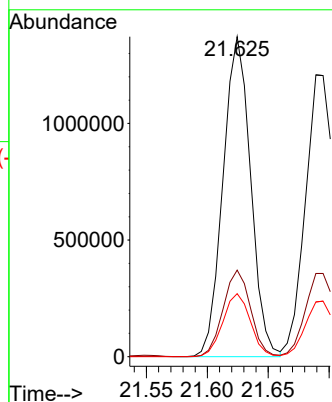
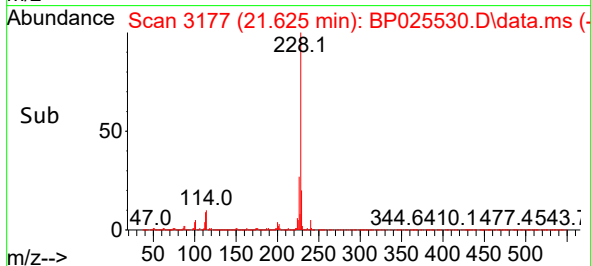
Instrument :
BNA_P
ClientSampleId :
PB169285BS



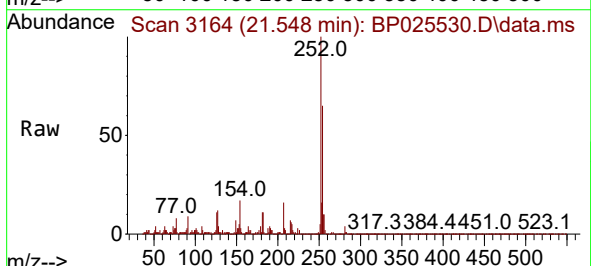
Tgt Ion:228 Resp: 2164974
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.7 15.6 23.4

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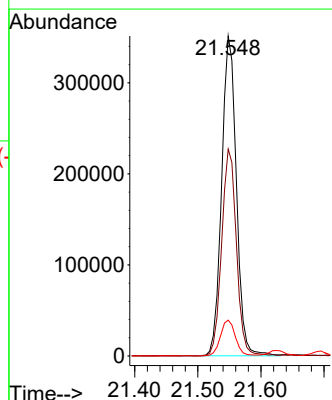
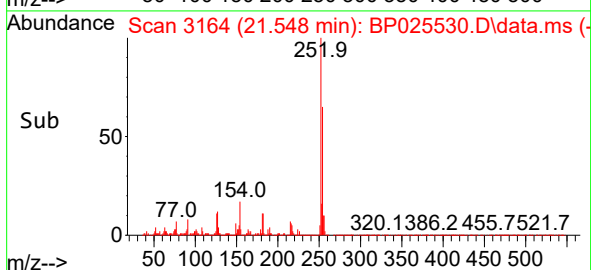
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

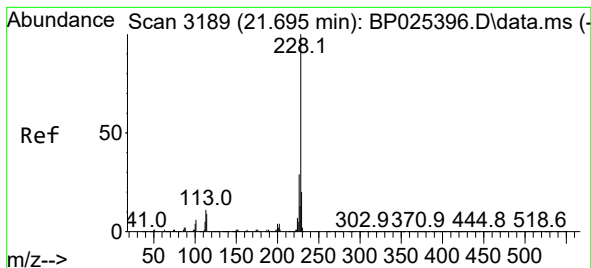


#82
3,3'-Dichlorobenzidine
Concen: 32.235 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion:252 Resp: 569130
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.2 9.1 13.7





#83

Chrysene

Concen: 46.676 ng

RT: 21.689 min Scan# 3188

Delta R.T. -0.006 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

Tgt Ion:228 Resp: 2047560

Ion Ratio Lower Upper

228 100

226 29.5 23.2 34.8

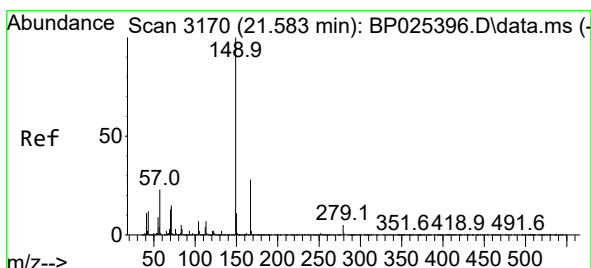
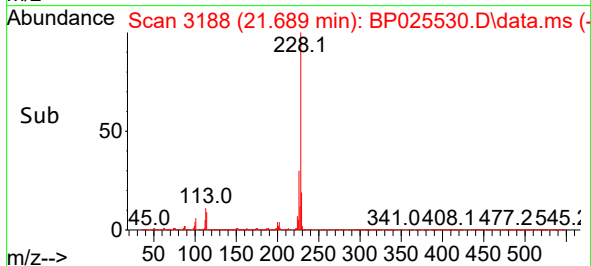
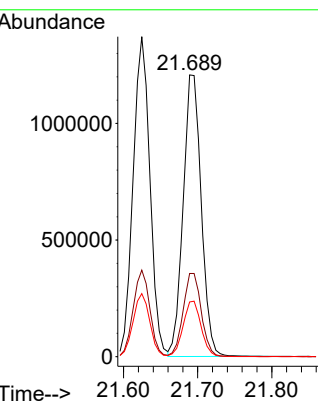
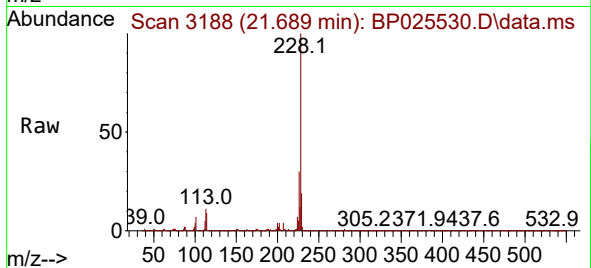
229 19.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.904 ng

RT: 21.572 min Scan# 3168

Delta R.T. -0.012 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

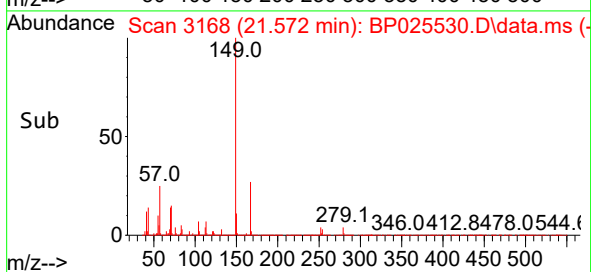
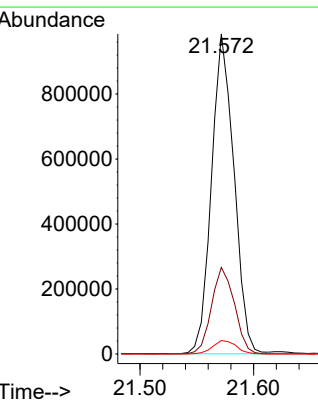
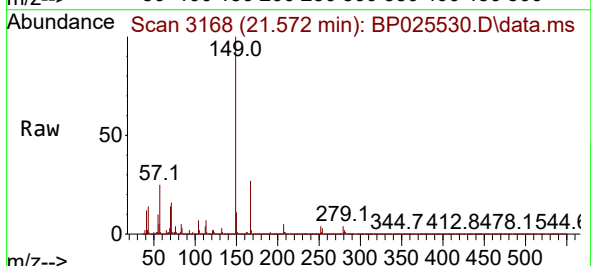
Tgt Ion:149 Resp: 1352194

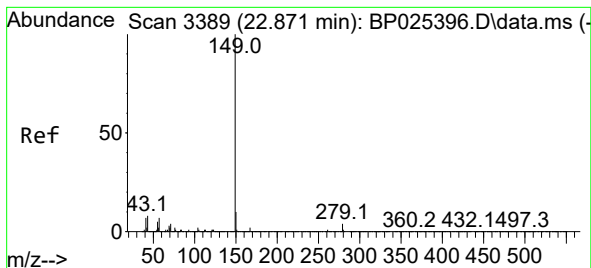
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 4.2 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 48.488 ng

RT: 22.866 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

Tgt Ion:149 Resp: 2568700

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

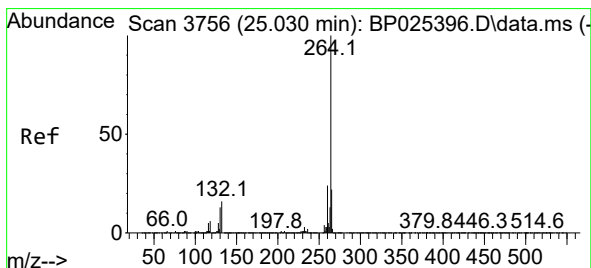
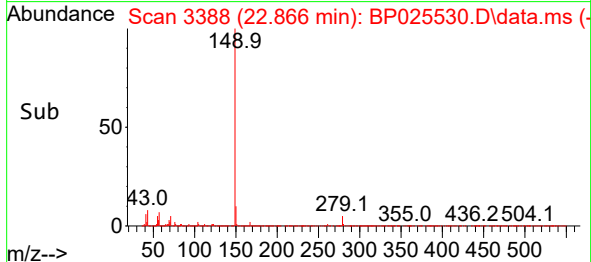
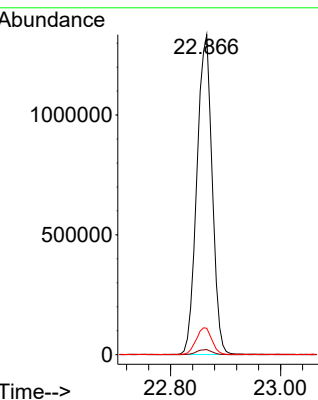
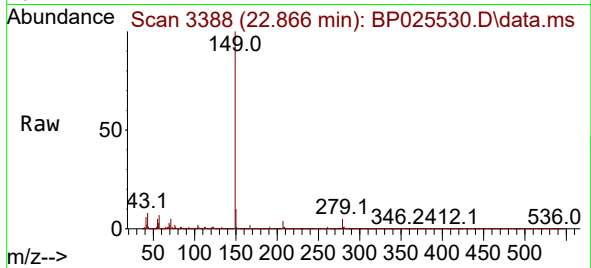
43 8.5 6.3 9.5

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: 25.024 min Scan# 3755

Delta R.T. -0.006 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

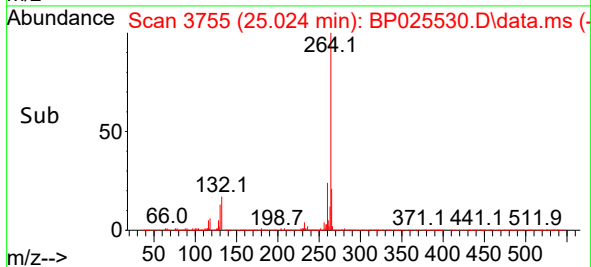
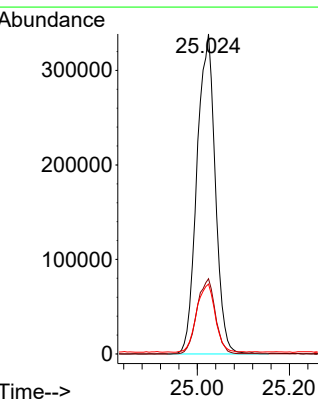
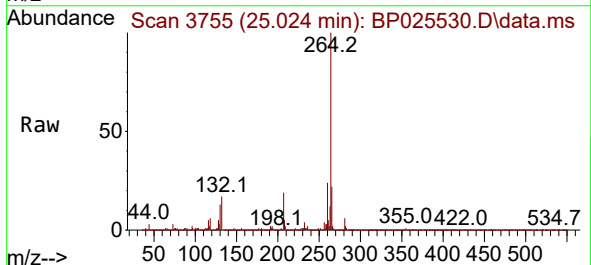
Tgt Ion:264 Resp: 934915

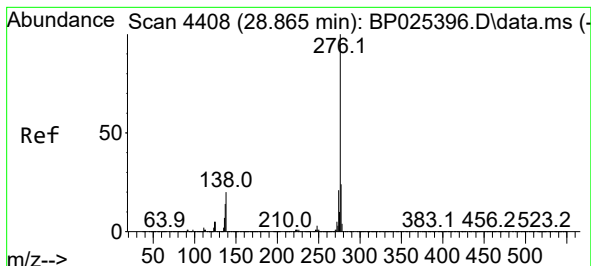
Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.490 ng

RT: 28.877 min Scan# 4408

Delta R.T. 0.012 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

Tgt Ion:276 Resp: 3393194

Ion Ratio Lower Upper

276 100

138 16.5 12.9 19.3

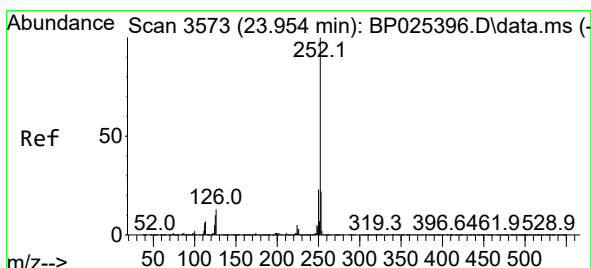
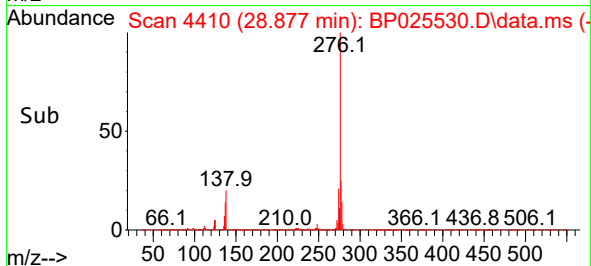
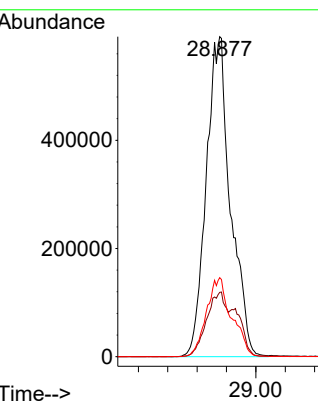
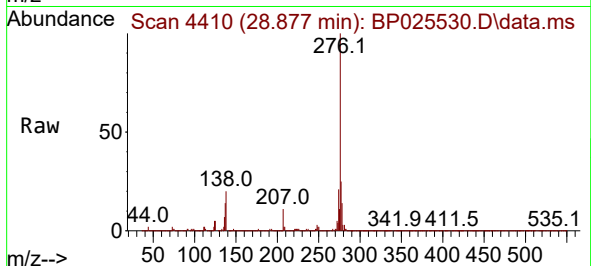
277 25.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#88

Benzo(b)fluoranthene

Concen: 46.975 ng

RT: 23.954 min Scan# 3573

Delta R.T. 0.000 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

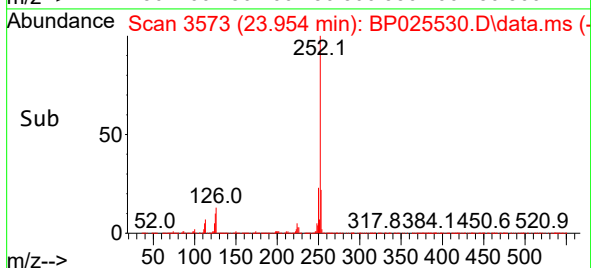
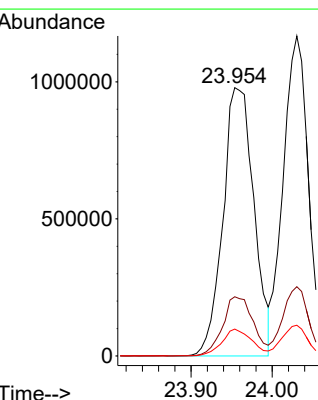
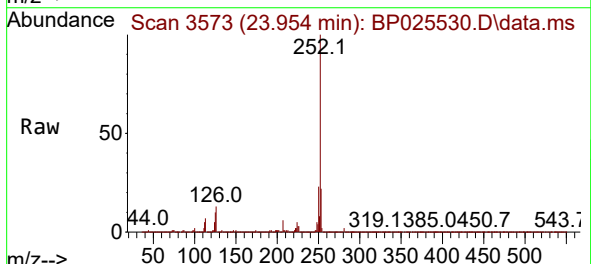
Tgt Ion:252 Resp: 2589674

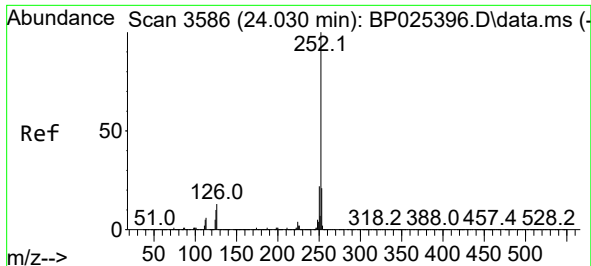
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

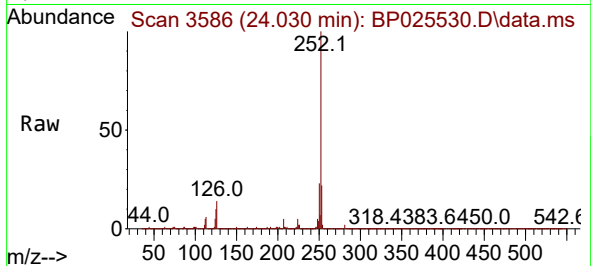
125 10.0 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 45.713 ng
RT: 24.030 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03

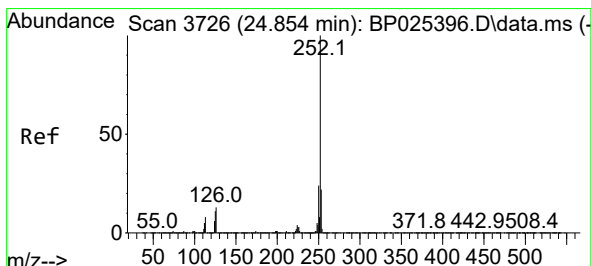
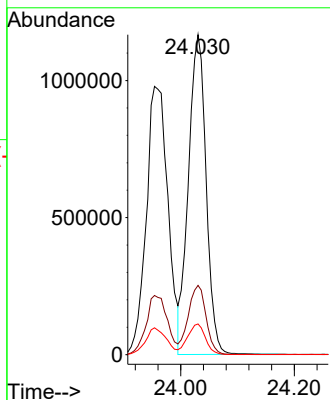
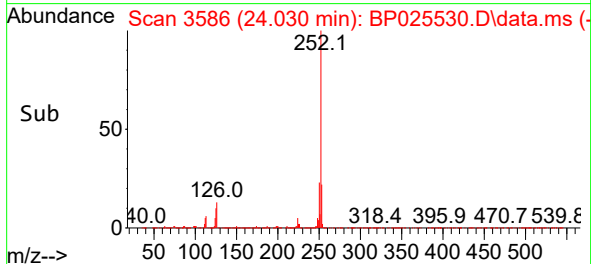
Instrument :
BNA_P
ClientSampleId :
PB169285BS



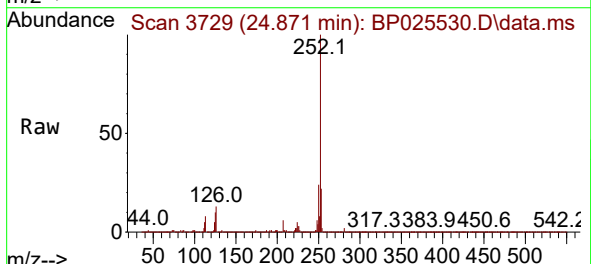
Tgt Ion:252 Resp: 2521820
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.6 7.8 11.6

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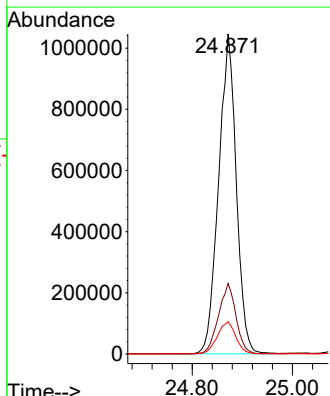
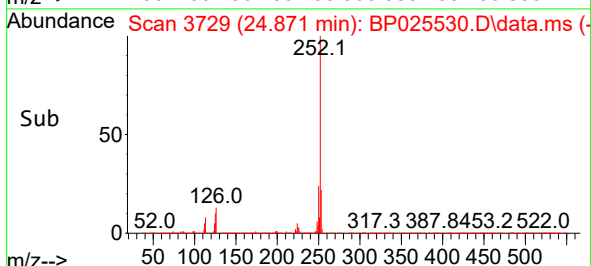
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

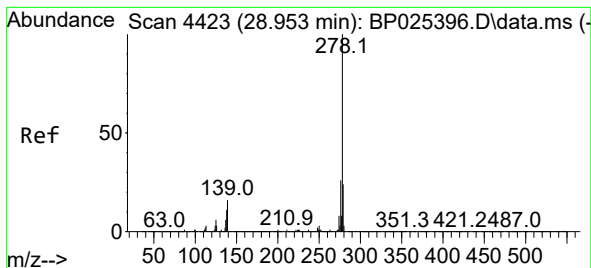


#90
Benzo(a)pyrene
Concen: 47.658 ng
RT: 24.871 min Scan# 3729
Delta R.T. 0.018 min
Lab File: BP025530.D
Acq: 21 Aug 2025 08:03



Tgt Ion:252 Resp: 2557506
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 49.823 ng

RT: 28.930 min Scan# 4423

Delta R.T. -0.023 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Instrument :

BNA_P

ClientSampleId :

PB169285BS

Tgt Ion:278 Resp: 279159

Ion Ratio Lower Upper

278 100

139 15.6 13.0 19.4

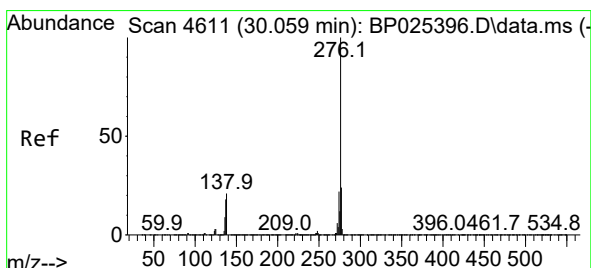
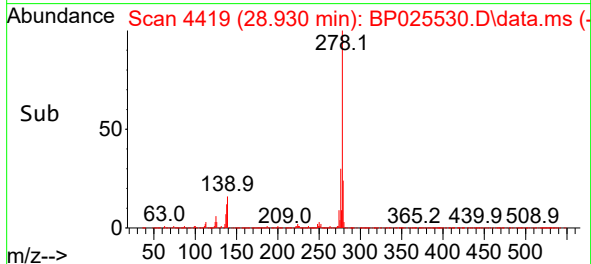
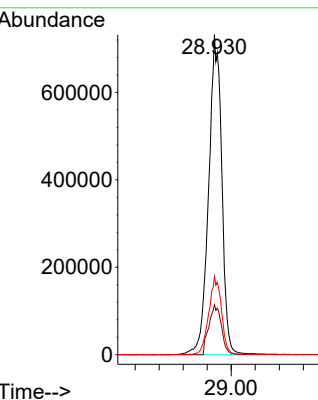
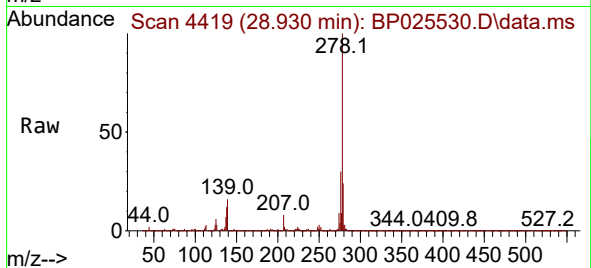
279 24.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#92

Benzo(g,h,i)perylene

Concen: 50.239 ng

RT: 30.053 min Scan# 4610

Delta R.T. -0.006 min

Lab File: BP025530.D

Acq: 21 Aug 2025 08:03

Tgt Ion:276 Resp: 2766980

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 19.6 16.7 25.1

