

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025160.D
 Acq On : 16 Jul 2025 16:12
 Operator : CG/JU
 Sample : Q2586-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-16MSD

Quant Time: Jul 16 16:34:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	628771	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2380833	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1504600	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3011946	20.000	ng	0.01
76) Chrysene-d12	21.366	240	2944568	20.000	ng	0.02
86) Perylene-d12	24.501	264	3502501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3422323	96.440	ng	0.01
7) Phenol-d6	6.643	99	4412410	95.281	ng	0.01
23) Nitrobenzene-d5	8.572	82	2466738	68.905	ng	0.00
42) 2,4,6-Tribromophenol	15.636	330	2214547	124.592	ng	0.02
45) 2-Fluorobiphenyl	12.695	172	5771773	59.427	ng	0.00
79) Terphenyl-d14	19.689	244	9781981	73.012	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	501482	36.341	ng	99
3) Pyridine	3.490	79	1403920	37.161	ng	98
4) n-Nitrosodimethylamine	3.408	42	611860	38.251	ng	86
6) Aniline	6.784	93	1705164	39.409	ng	99
8) 2-Chlorophenol	7.019	128	1802600	45.400	ng	98
9) Benzaldehyde	6.596	77	1000729	41.378	ng	98
10) Phenol	6.666	94	2088154	44.378	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1496376	41.321	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1927029	43.366	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1956925	43.497	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1872844	43.274	ng	98
15) Benzyl Alcohol	7.678	79	1392501	45.052	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1921959	40.817	ng	99
17) 2-Methylphenol	7.884	107	1404886	46.350	ng	99
18) Hexachloroethane	8.496	117	673003	45.919	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1098033	39.981	ng	97
20) 3+4-Methylphenols	8.207	107	1918560	45.190	ng	98
22) Acetophenone	8.249	105	2405490	42.722	ng	97
24) Nitrobenzene	8.613	77	1650653	45.267	ng	96
25) Isophorone	9.143	82	3125581	46.719	ng	98
26) 2-Nitrophenol	9.313	139	984128	55.092	ng	98
27) 2,4-Dimethylphenol	9.396	122	1660894	66.552	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	2019173	44.449	ng	99
29) 2,4-Dichlorophenol	9.849	162	1727583	49.923	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1789431	46.695	ng	98
31) Naphthalene	10.243	128	5210779	42.504	ng	100
32) Benzoic acid	9.549	122	1372148	54.126	ng	95
33) 4-Chloroaniline	10.349	127	1083181	23.676	ng	99
34) Hexachlorobutadiene	10.543	225	982461	44.675	ng	100
35) Caprolactam	11.137	113	511499	43.207	ng	97
36) 4-Chloro-3-methylphenol	11.501	107	1655102	45.768	ng	98
37) 2-Methylnaphthalene	11.872	142	3393093	39.227	ng	100
38) 1-Methylnaphthalene	12.095	142	3564453	42.252	ng	100
40) 1,2,4,5-Tetrachloroben...	12.248	216	1980495	45.800	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2065192	182.842	ng	99
43) 2,4,6-Trichlorophenol	12.501	196	1365023	52.132	ng	99

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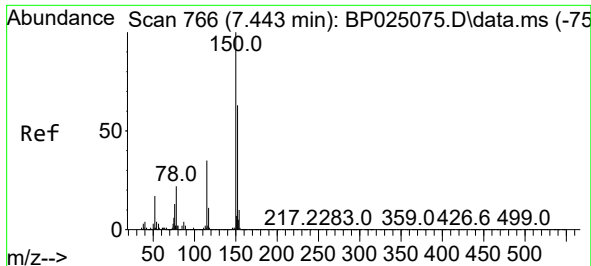
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1516287	51.098	ng	99
46) 1,1'-Biphenyl	12.913	154	4468217	40.816	ng	99
47) 2-Chloronaphthalene	12.948	162	3459444	42.044	ng	99
48) 2-Nitroaniline	13.154	65	902729	44.973	ng	91
49) Acenaphthylene	13.813	152	6132843	48.699	ng	100
50) Dimethylphthalate	13.566	163	4638188	44.038	ng	100
51) 2,6-Dinitrotoluene	13.672	165	1010950	49.216	ng	93
52) Acenaphthene	14.172	154	3495080	43.060	ng	99
53) 3-Nitroaniline	14.001	138	757512	34.411	ng	96
54) 2,4-Dinitrophenol	14.225	184	1169730	114.062	ng	# 89
55) Dibenzofuran	14.519	168	5207092	38.872	ng	100
56) 4-Nitrophenol	14.342	139	2034106	100.129	ng	95
57) 2,4-Dinitrotoluene	14.484	165	1354697	45.105	ng	90
58) Fluorene	15.172	166	4211120	40.644	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1258069	46.818	ng	96
60) Diethylphthalate	14.972	149	4304212	40.689	ng	100
61) 4-Chlorophenyl-phenyle...	15.184	204	2092058	40.801	ng	99
62) 4-Nitroaniline	15.195	138	1023784	44.353	ng	98
63) Azobenzene	15.484	77	4066183	43.166	ng	95
65) 4,6-Dinitro-2-methylph...	15.266	198	725725	52.373	ng	95
66) n-Nitrosodiphenylamine	15.401	169	3718193	43.136	ng	99
67) 4-Bromophenyl-phenylether	16.107	248	1521847	49.348	ng	98
68) Hexachlorobenzene	16.213	284	1785730	47.375	ng	99
69) Atrazine	16.401	200	1465163	58.006	ng	98
70) Pentachlorophenol	16.566	266	2590493	101.761	ng	99
71) Phenanthrene	16.966	178	7237721	44.971	ng	100
72) Anthracene	17.066	178	7315237	47.378	ng	100
73) Carbazole	17.348	167	6873537	45.530	ng	99
74) Di-n-butylphthalate	17.966	149	7667267	45.608	ng	99
75) Fluoranthene	19.066	202	8307593	44.160	ng	99
77) Benzidine	19.283	184	4993570	96.021	ng	98
78) Pyrene	19.448	202	9035679	49.543	ng	100
80) Butylbenzylphthalate	20.442	149	3574983	50.656	ng	97
81) Benzo(a)anthracene	21.342	228	8461912	47.420	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2700101	50.264	ng	99
83) Chrysene	21.407	228	7794704	45.391	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	5042006	52.677	ng	99
85) Di-n-octyl phthalate	22.548	149	9655163	54.122	ng	98
87) Indeno(1,2,3-cd)pyrene	28.059	276	11828955m	53.014	ng	
88) Benzo(b)fluoranthene	23.524	252	9398618	46.103	ng	99
89) Benzo(k)fluoranthene	23.595	252	8741479	43.095	ng	99
90) Benzo(a)pyrene	24.365	252	9110282	52.506	ng	99
91) Dibenzo(a,h)anthracene	28.142	278	9410793	51.024	ng	98
92) Benzo(g,h,i)perylene	29.148	276	9536802	50.054	ng	98

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



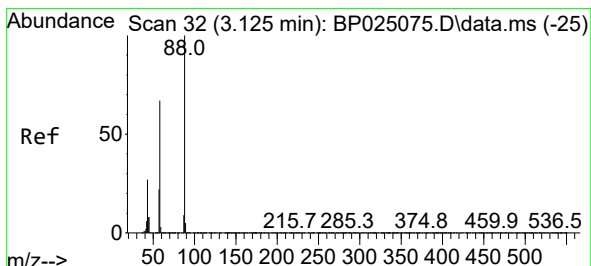
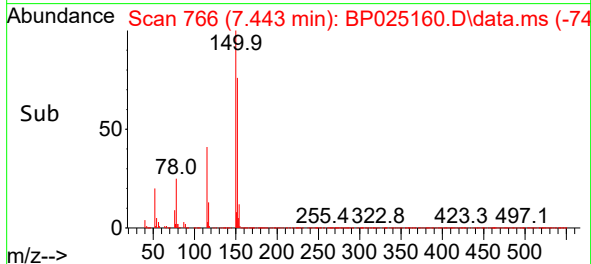
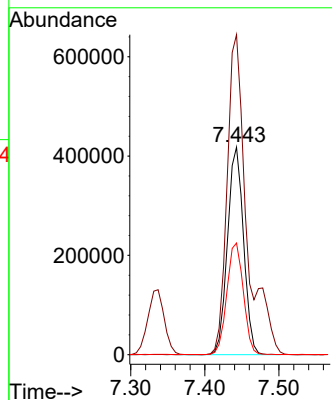
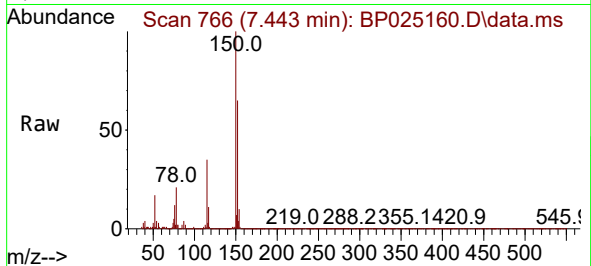
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

Instrument :
BNA_P
ClientSampleId :
TP-16MSD

Tgt Ion:152 Resp: 62877
Ion Ratio Lower Upper
152 100
150 154.2 126.1 189.1
115 53.8 44.3 66.5

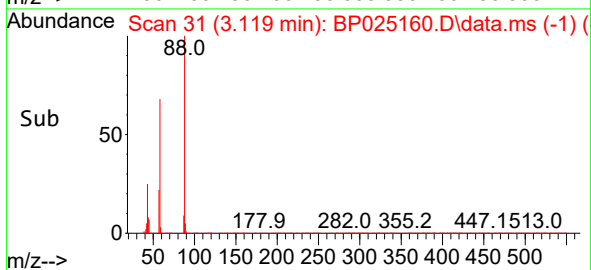
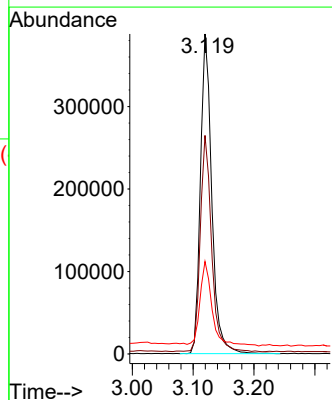
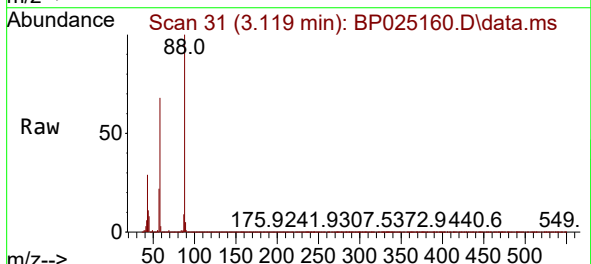
Manual Integrations
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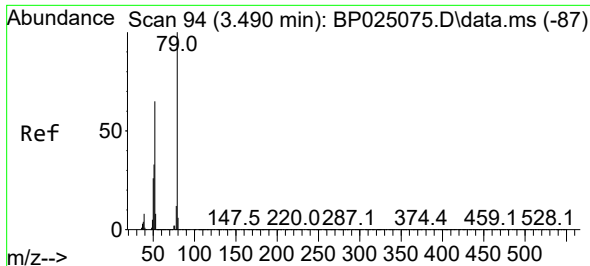
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#2
1,4-Dioxane
Concen: 36.341 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

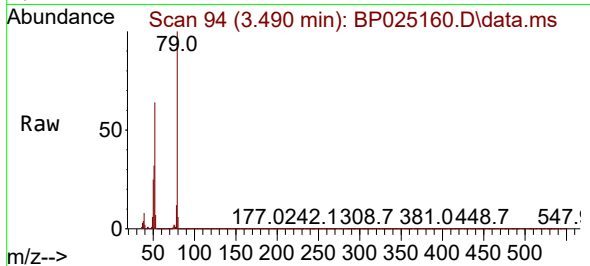
Tgt Ion: 88 Resp: 501482
Ion Ratio Lower Upper
88 100
58 67.9 55.0 82.4
43 28.5 21.9 32.9





#3
 Pyridine
 Concen: 37.161 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025160.D
 Acq: 16 Jul 2025 16:12

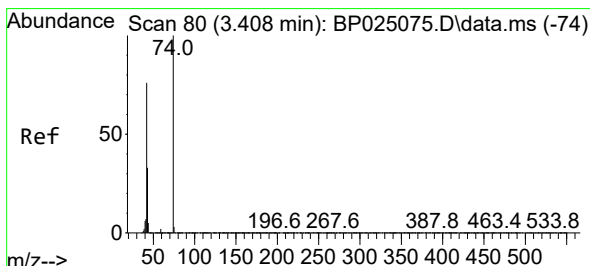
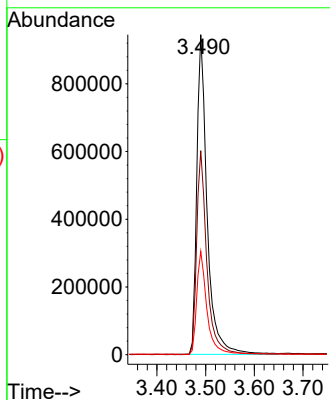
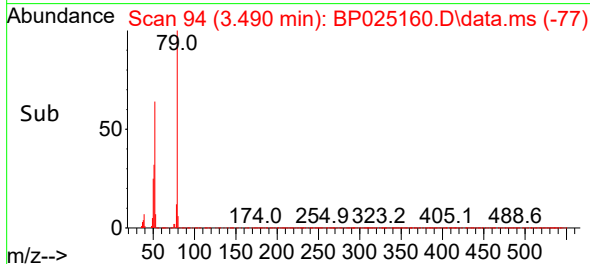
Instrument :
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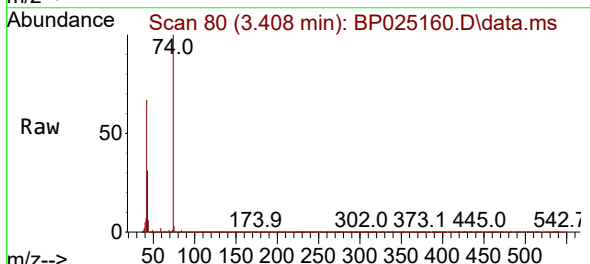
Tgt Ion: 79 Resp: 1403920
 Ion Ratio Lower Upper
 79 100
 52 63.7 52.2 78.4
 51 32.3 26.8 40.2

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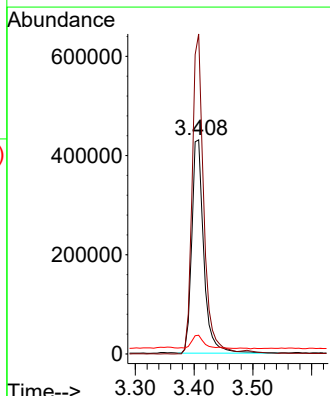
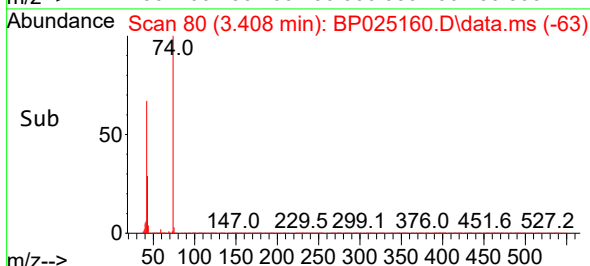
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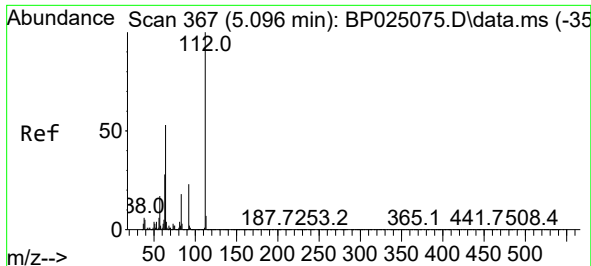


#4
 n-Nitrosodimethylamine
 Concen: 38.251 ng
 RT: 3.408 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP025160.D
 Acq: 16 Jul 2025 16:12



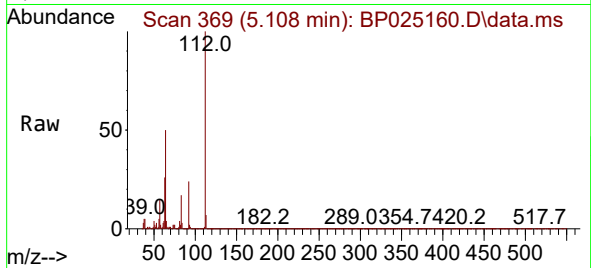
Tgt Ion: 42 Resp: 611860
 Ion Ratio Lower Upper
 42 100
 74 149.5 105.2 157.8
 44 8.7 6.6 9.8





#5
2-Fluorophenol
Concen: 96.440 ng
RT: 5.108 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

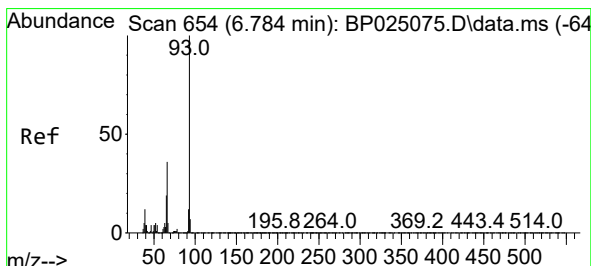
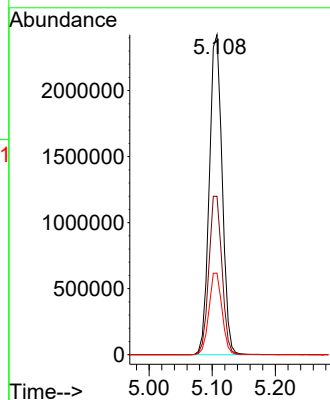
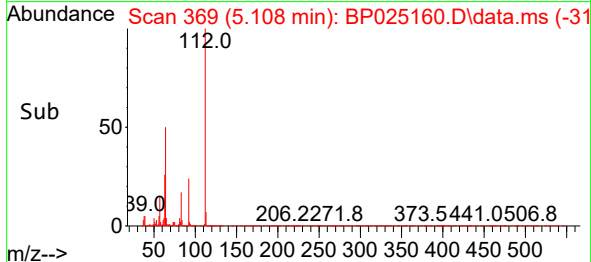
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:112 Resp: 342232
Ion Ratio Lower Upper
112 100
64 49.5 42.0 63.0
63 25.5 22.2 33.2

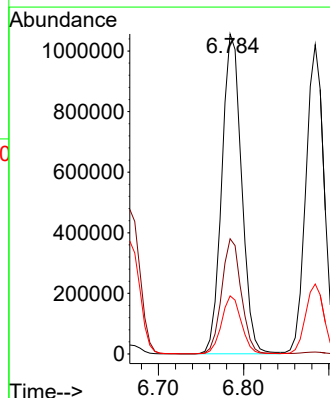
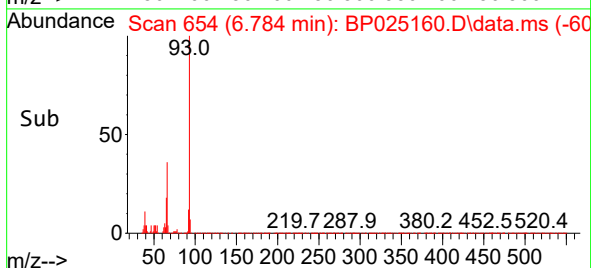
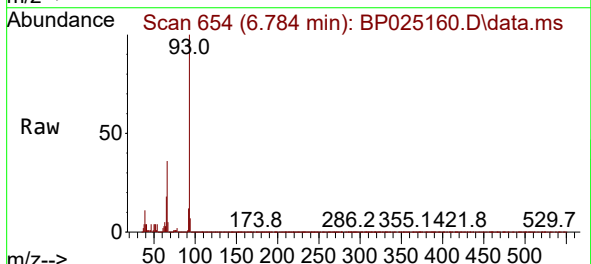
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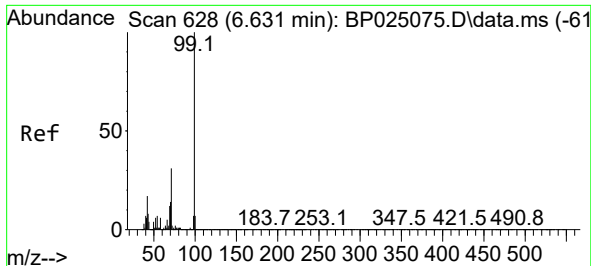
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#6
Aniline
Concen: 39.409 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

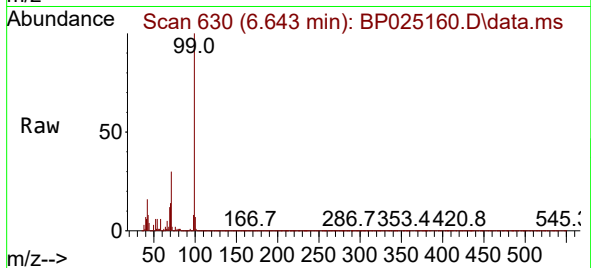
Tgt Ion: 93 Resp: 1705164
Ion Ratio Lower Upper
93 100
66 36.0 28.9 43.3
65 18.1 15.2 22.8





#7
Phenol-d6
Concen: 95.281 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

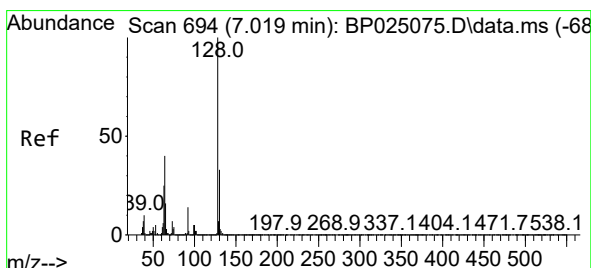
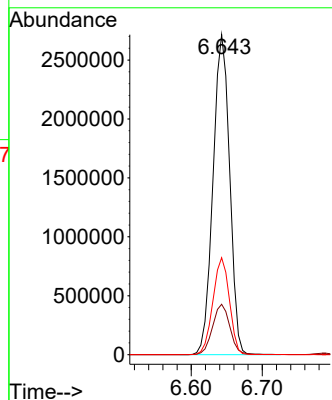
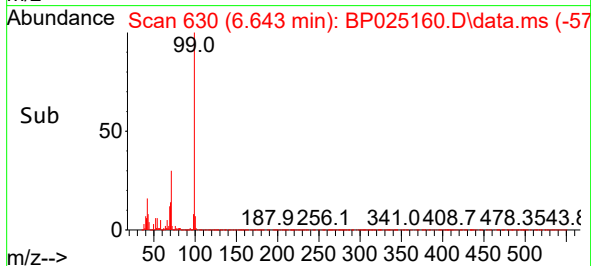
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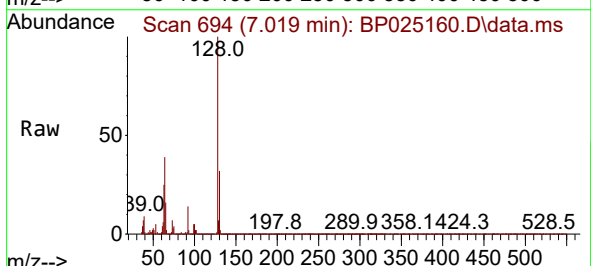
Tgt Ion: 99 Resp: 4412410
Ion Ratio Lower Upper
99 100
42 15.8 13.6 20.4
71 30.3 24.4 36.6

Manual Integrations
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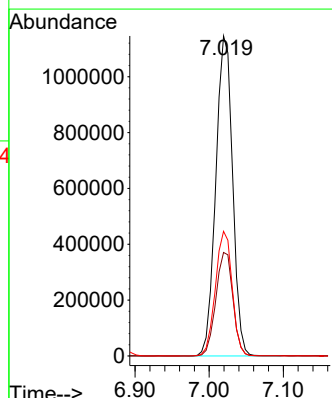
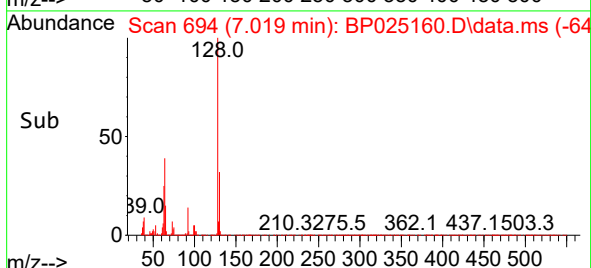
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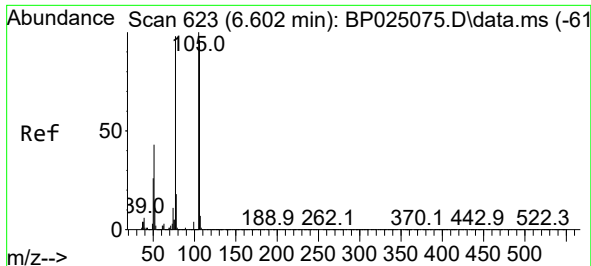


#8
2-Chlorophenol
Concen: 45.400 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



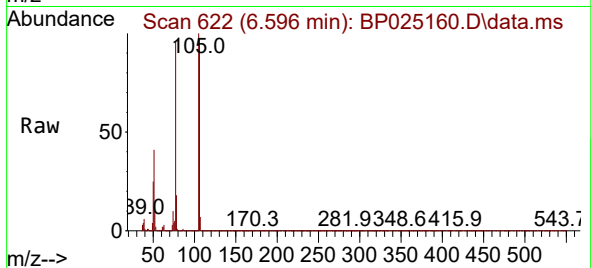
Tgt Ion:128 Resp: 1802600
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 39.0 20.3 60.3





#9
Benzaldehyde
Concen: 41.378 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

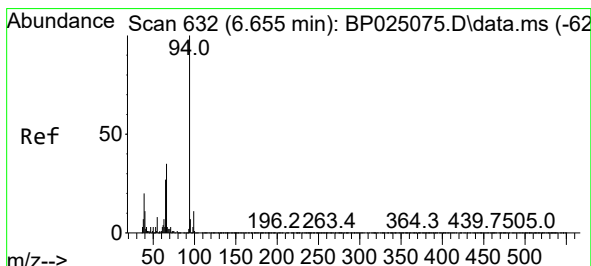
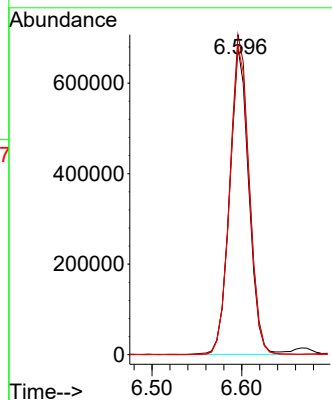
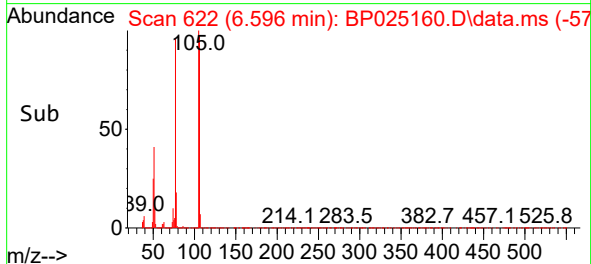
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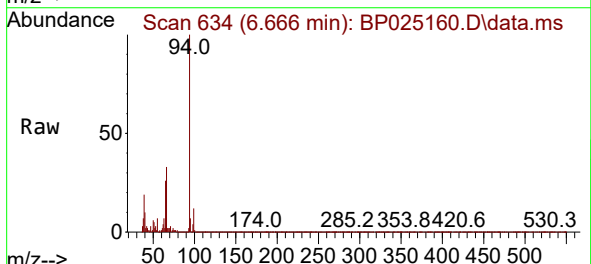
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Ion Ratio Lower Upper
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105 104.2 82.4 122.4
106 100.6 78.3 118.3

Manual Integrations
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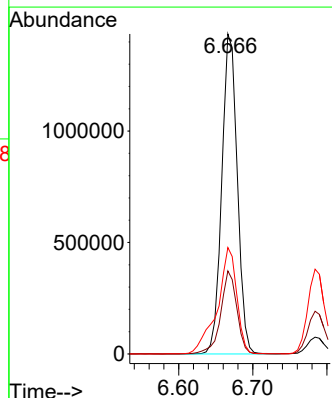
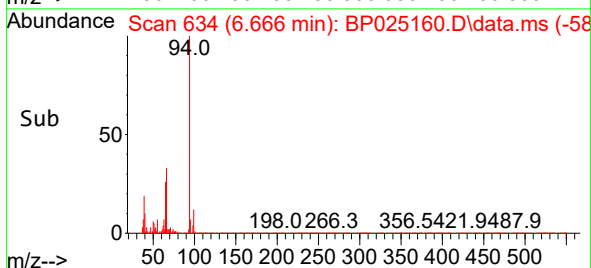
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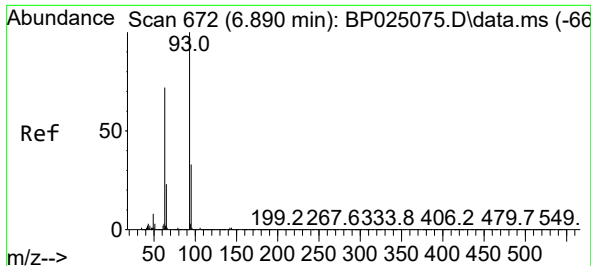


#10
Phenol
Concen: 44.378 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



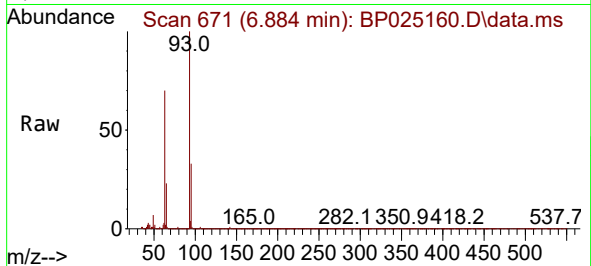
Tgt Ion: 94 Resp: 2088154
Ion Ratio Lower Upper
94 100
65 26.0 6.9 46.9
66 33.3 14.6 54.6





#11
bis(2-Chloroethyl)ether
Concen: 41.321 ng
RT: 6.884 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

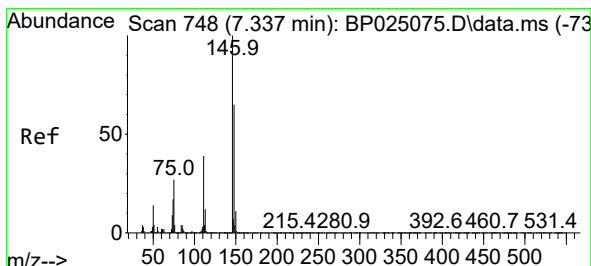
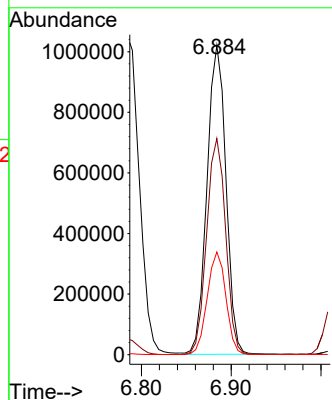
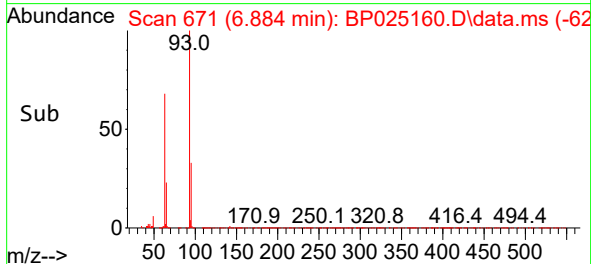
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



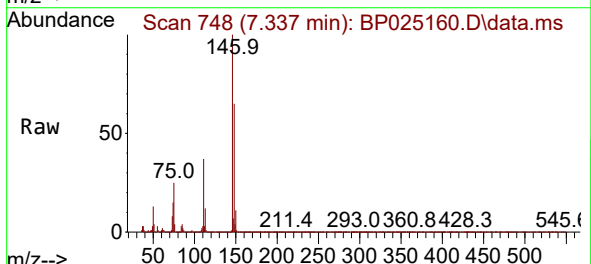
Tgt Ion: 93 Resp: 1496370
Ion Ratio Lower Upper
93 100
63 69.9 51.9 91.9
95 33.2 12.4 52.4

Manual Integrations
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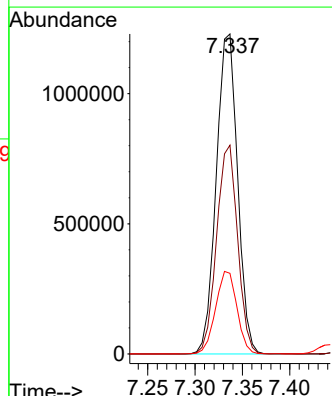
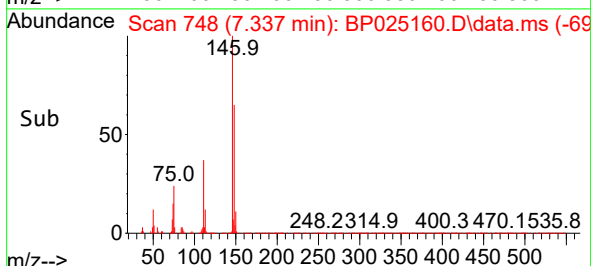
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

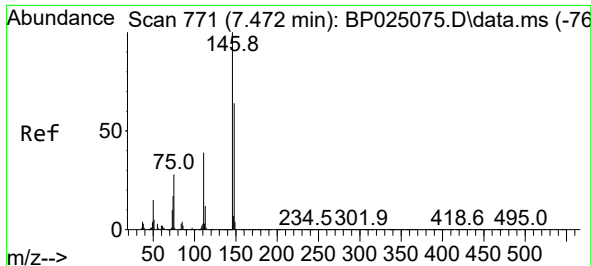


#12
1,3-Dichlorobenzene
Concen: 43.366 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



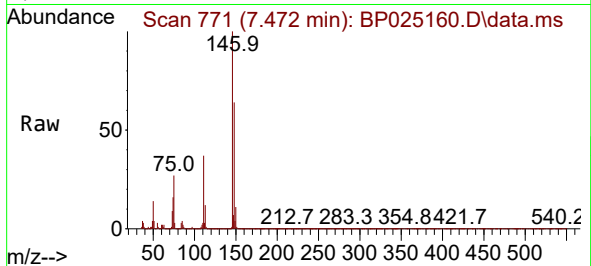
Tgt Ion:146 Resp: 1927029
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 25.2 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 43.497 ng
RT: 7.472 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

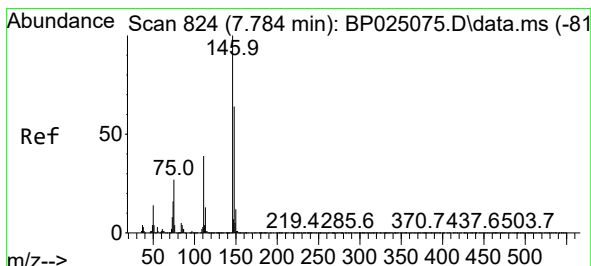
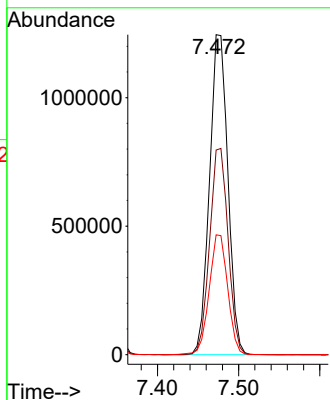
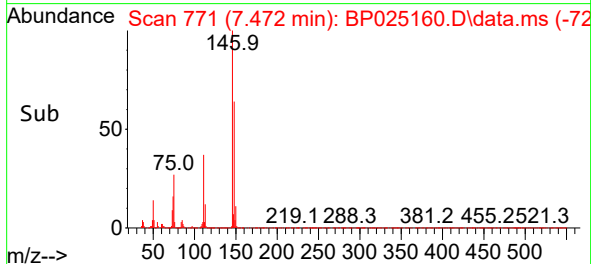
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



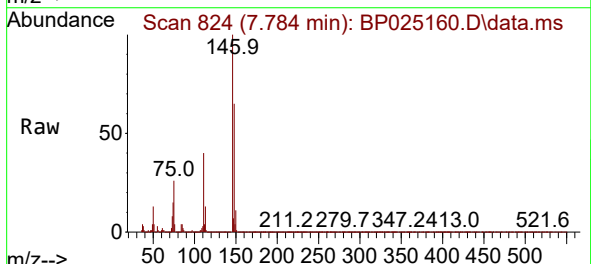
Tgt Ion:146 Resp: 1956925
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 37.4 31.2 46.8

Manual Integrations
APPROVED

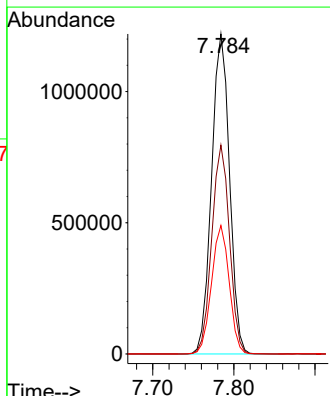
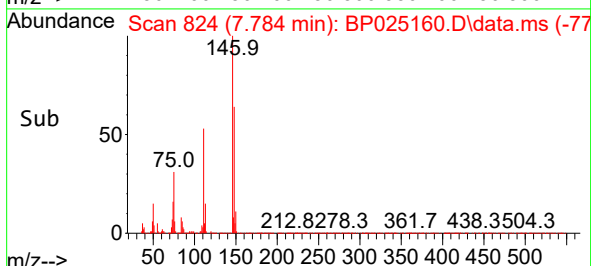
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

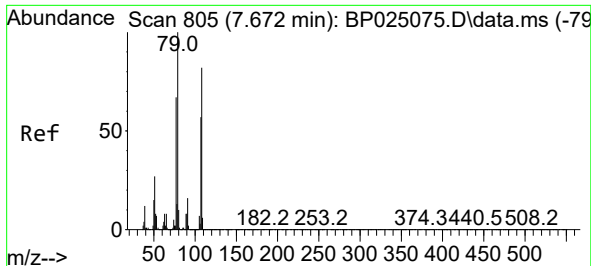


#14
1,2-Dichlorobenzene
Concen: 43.274 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



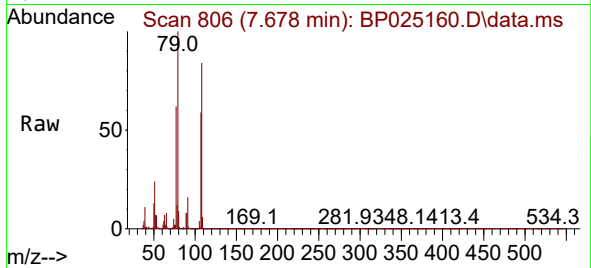
Tgt Ion:146 Resp: 1872844
Ion Ratio Lower Upper
146 100
148 65.3 51.1 76.7
111 40.2 31.2 46.8





#15
Benzyl Alcohol
Concen: 45.052 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

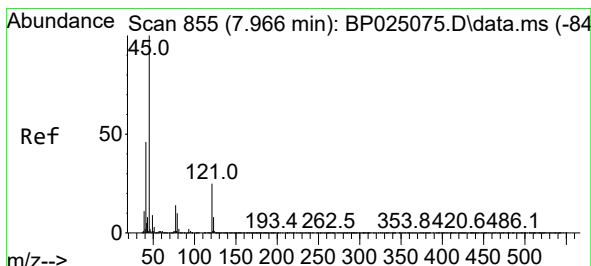
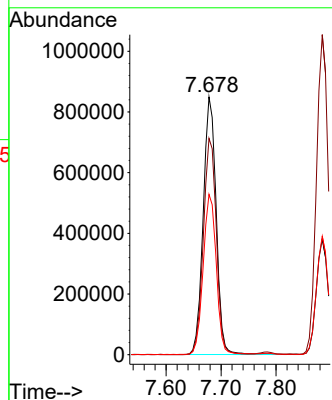
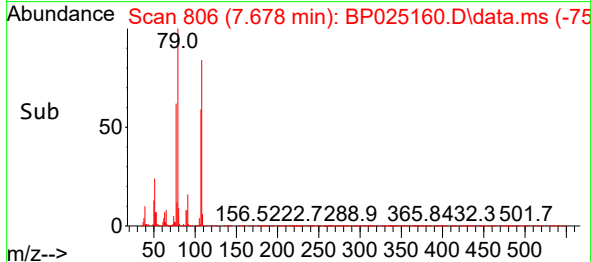
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



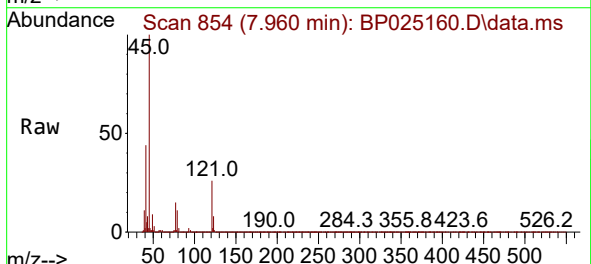
Tgt Ion: 79 Resp: 139250
Ion Ratio Lower Upper
79 100
108 83.9 66.0 99.0
77 62.2 53.4 80.2

Manual Integrations
APPROVED

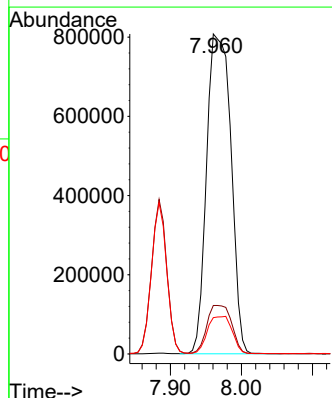
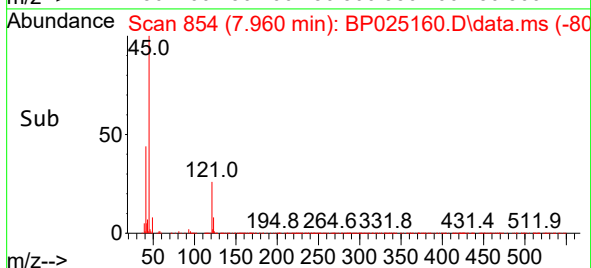
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

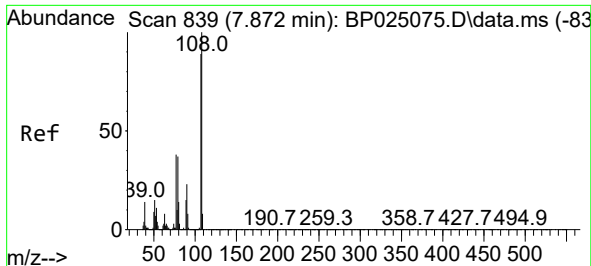


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.817 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



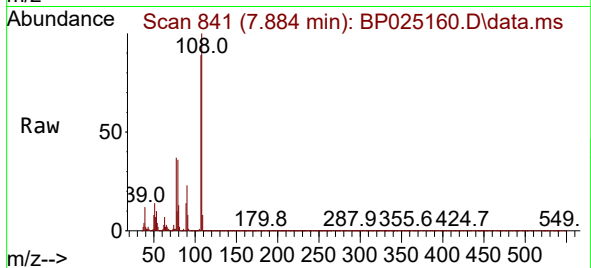
Tgt Ion: 45 Resp: 1921959
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.8
79 11.4 0.0 30.7





#17
2-Methylphenol
Concen: 46.350 ng
RT: 7.884 min Scan# 841
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

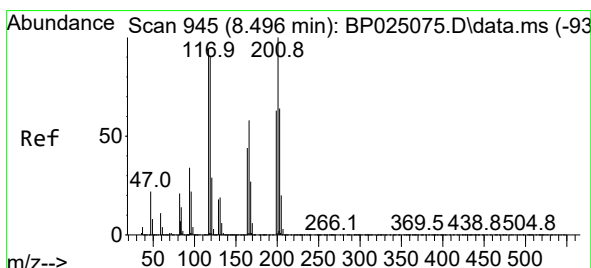
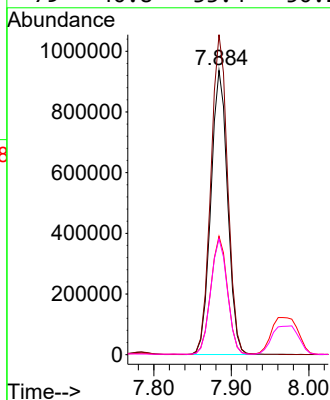
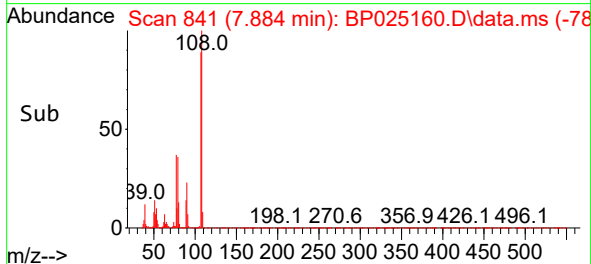
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:107 Resp: 1404880
Ion Ratio Lower Upper
107 100
108 112.5 89.7 134.5
77 41.6 34.2 51.4
79 40.8 33.4 50.2

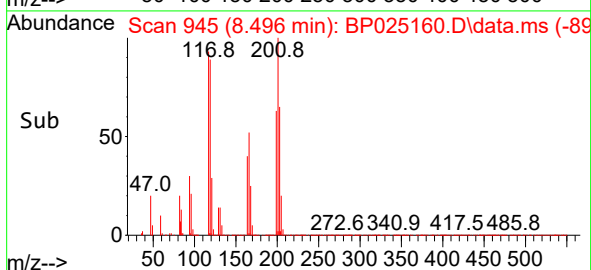
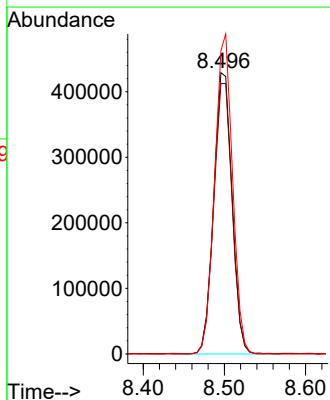
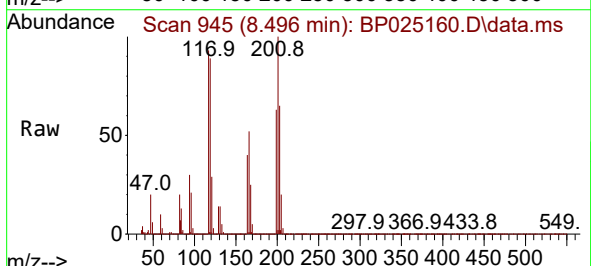
Manual Integrations
APPROVED

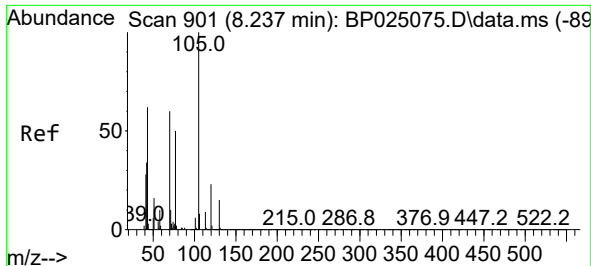
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#18
Hexachloroethane
Concen: 45.919 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

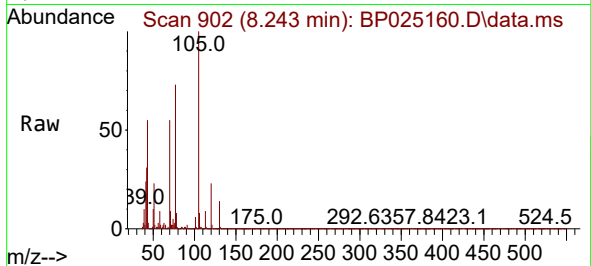
Tgt Ion:117 Resp: 673003
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0
201 107.8 85.4 128.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.981 ng
RT: 8.243 min Scan# 901
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

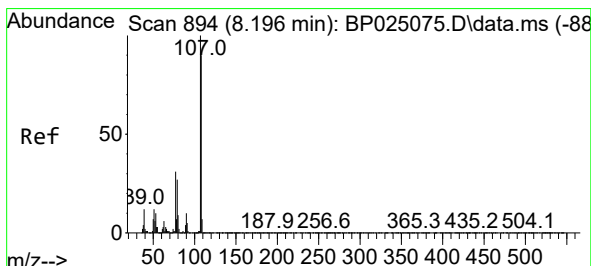
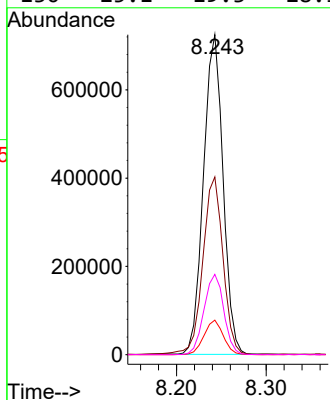
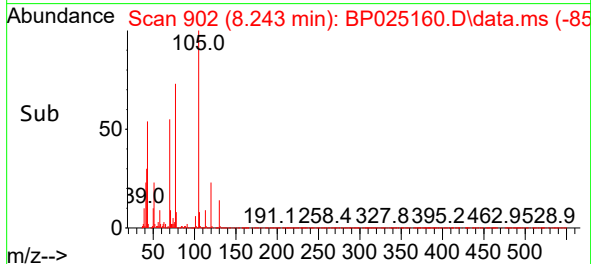
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



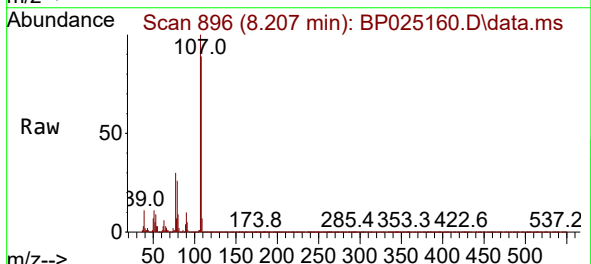
Tgt Ion: 70 Resp: 109803
Ion Ratio Lower Upper
70 100
42 55.6 46.5 69.7
101 10.8 7.9 11.9
130 25.1 19.3 28.9

Manual Integrations
APPROVED

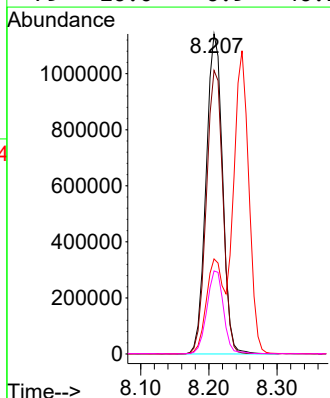
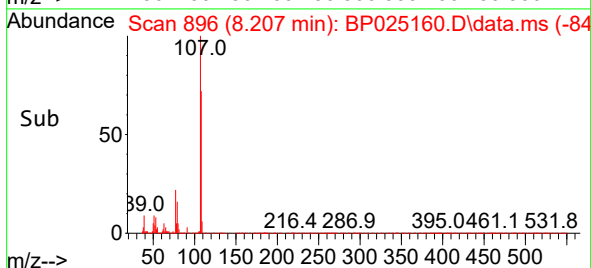
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

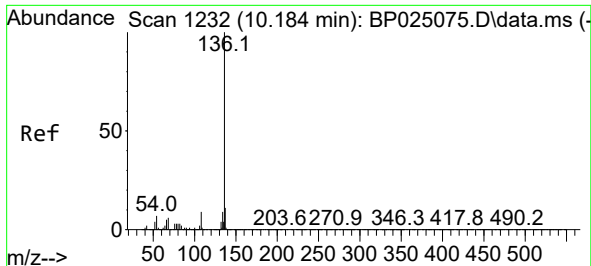


#20
3+4-Methylphenols
Concen: 45.190 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



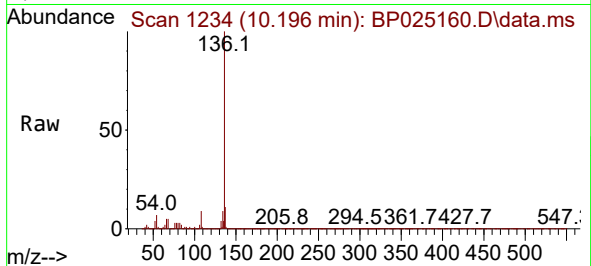
Tgt Ion:107 Resp: 1918560
Ion Ratio Lower Upper
107 100
108 88.6 69.5 109.5
77 29.7 11.4 51.4
79 26.0 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1232
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

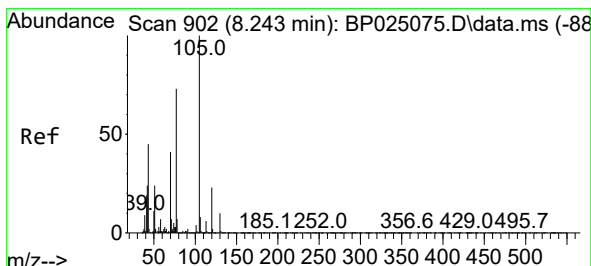
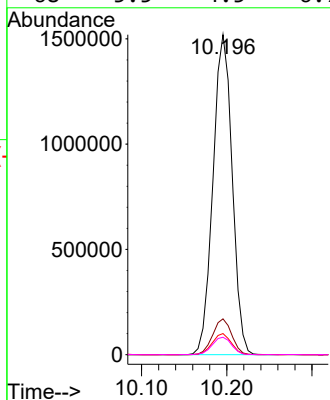
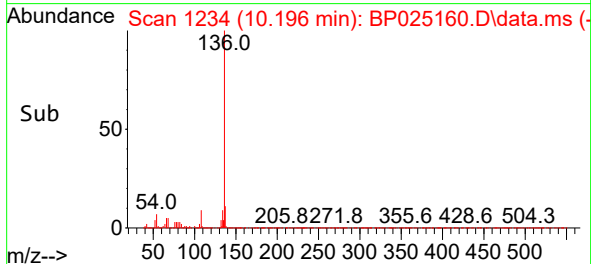
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



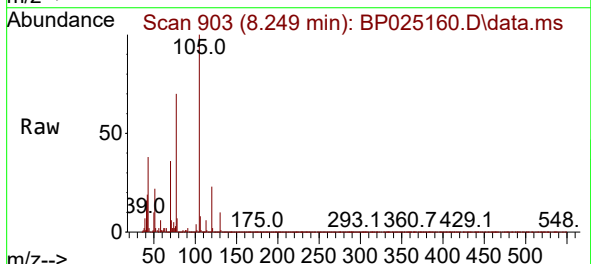
Tgt Ion:136 Resp: 238083
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.6 5.4 8.2
68 5.5 4.5 6.7

Manual Integrations
APPROVED

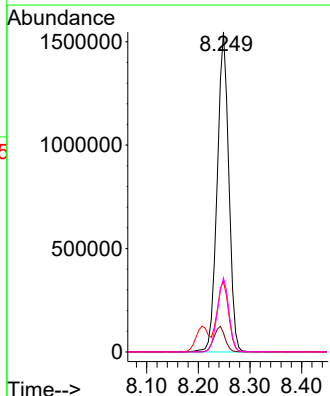
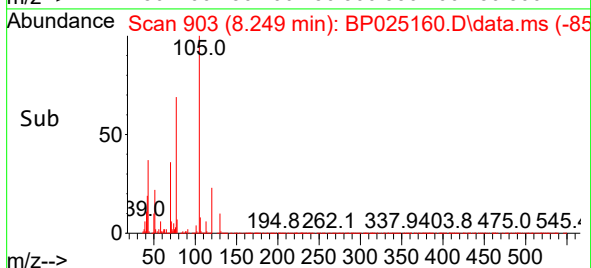
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

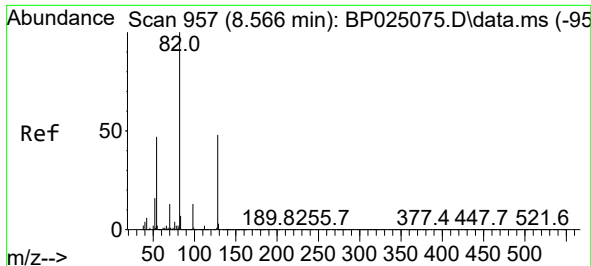


#22
Acetophenone
Concen: 42.722 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



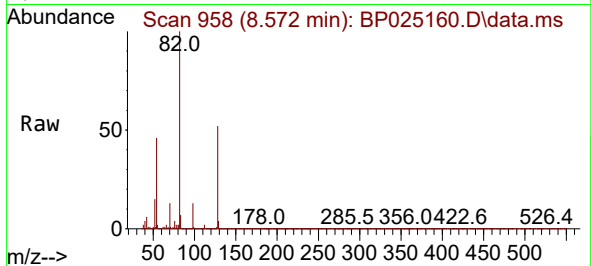
Tgt Ion:105 Resp: 2405490
Ion Ratio Lower Upper
105 100
71 5.9 5.4 8.2
51 22.0 19.6 29.4
120 23.1 18.8 28.2





#23
Nitrobenzene-d5
Concen: 68.905 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

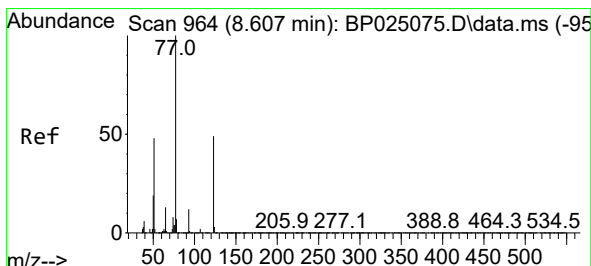
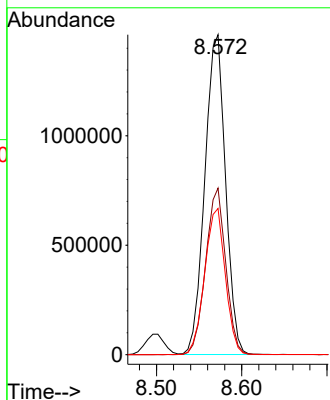
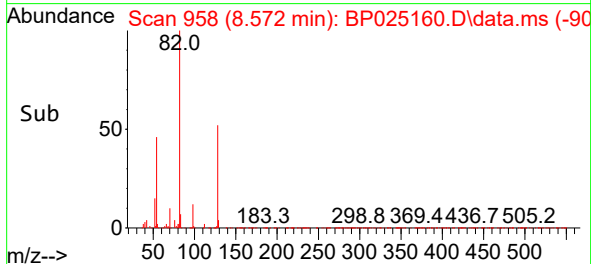
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



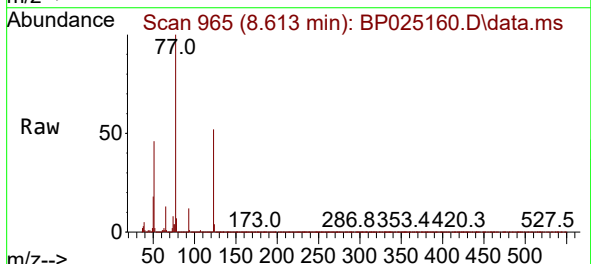
Tgt Ion: 82 Resp: 2466738
Ion Ratio Lower Upper
82 100
128 52.0 38.4 57.6
54 45.7 37.8 56.6

Manual Integrations
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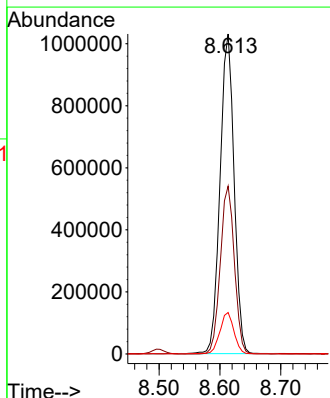
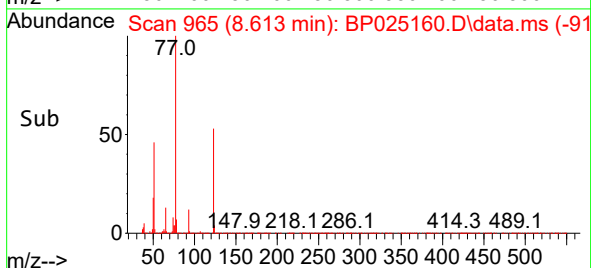
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

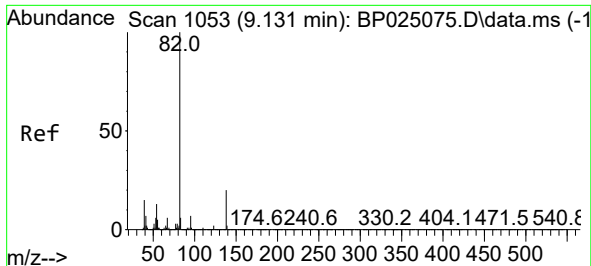


#24
Nitrobenzene
Concen: 45.267 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



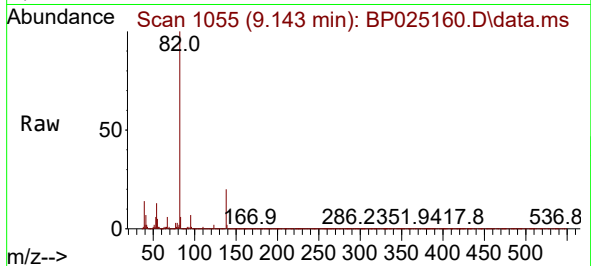
Tgt Ion: 77 Resp: 1650653
Ion Ratio Lower Upper
77 100
123 52.5 39.0 58.6
65 12.9 10.7 16.1





#25
Isophorone
Concen: 46.719 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

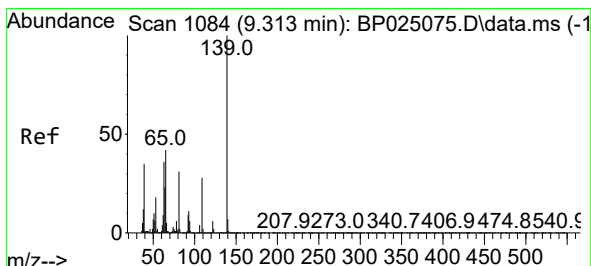
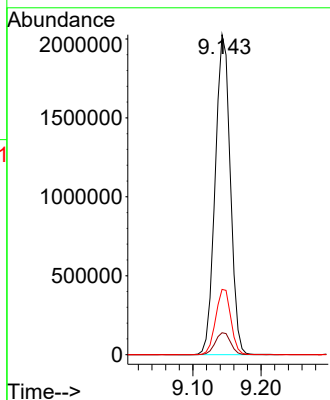
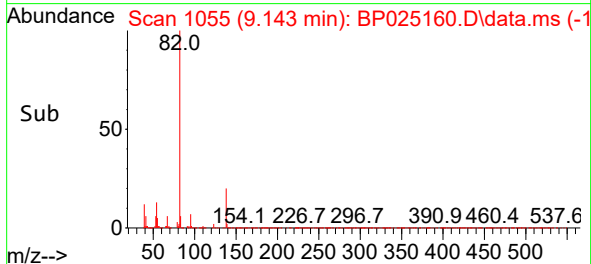
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion: 82 Resp: 312558
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 20.4 15.7 23.5

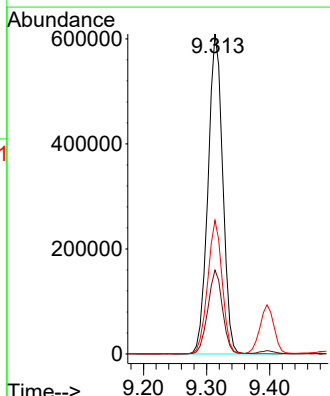
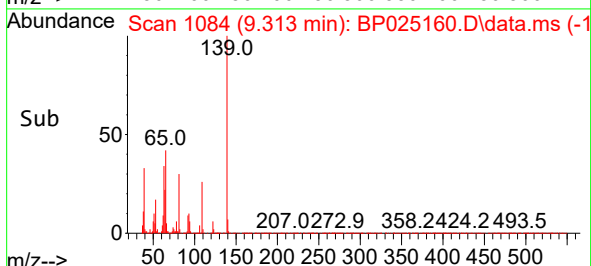
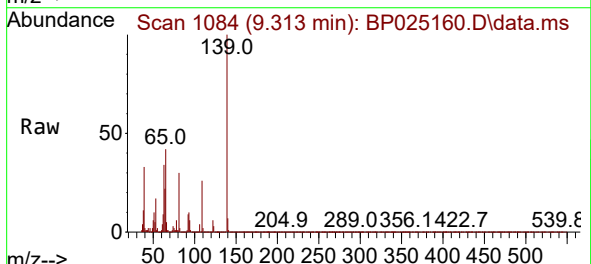
Manual Integrations
APPROVED

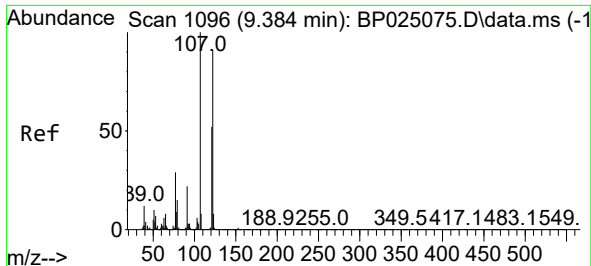
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#26
2-Nitrophenol
Concen: 55.092 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

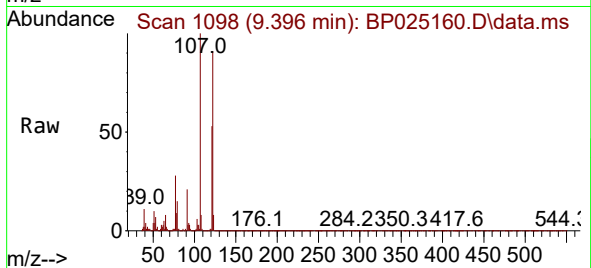
Tgt Ion:139 Resp: 984128
Ion Ratio Lower Upper
139 100
109 26.2 22.3 33.5
65 41.8 33.8 50.8





#27
2,4-Dimethylphenol
Concen: 66.552 ng
RT: 9.396 min Scan# 1096
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

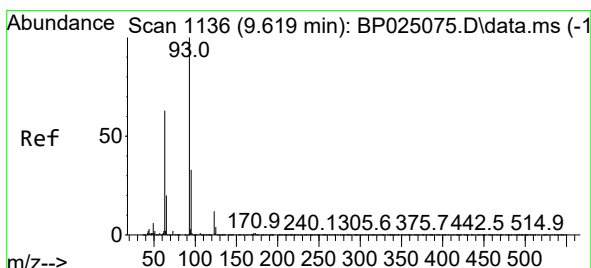
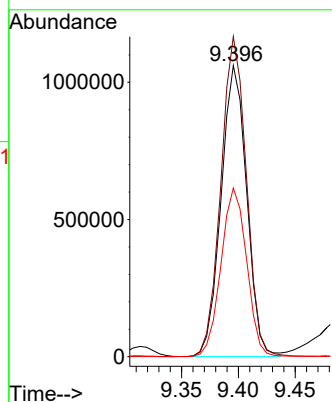
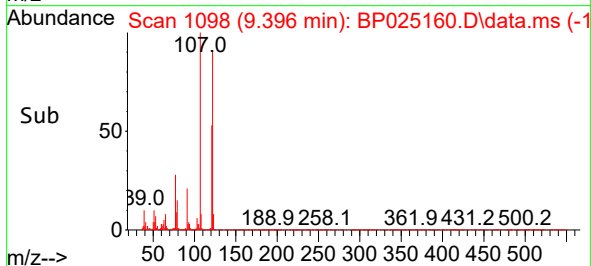
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:122 Resp: 1660894
Ion Ratio Lower Upper
122 100
107 109.9 88.2 132.2
121 57.9 46.1 69.1

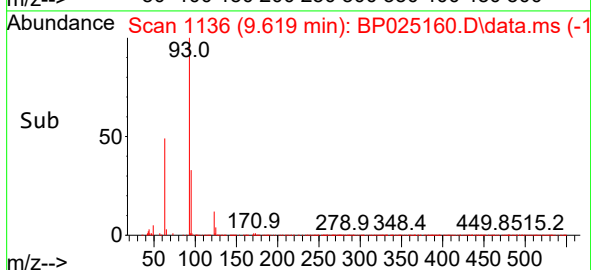
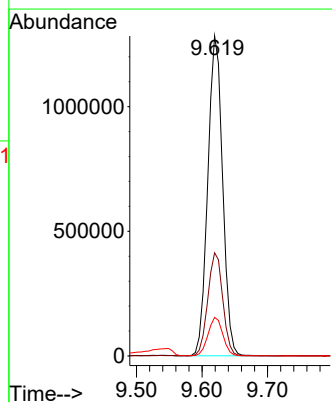
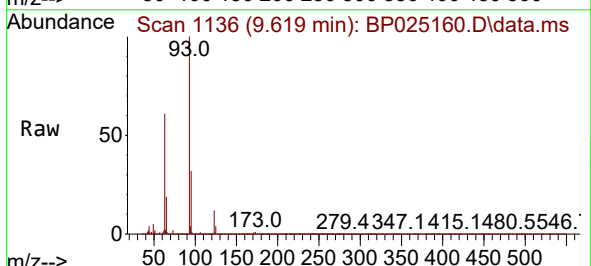
Manual Integrations
APPROVED

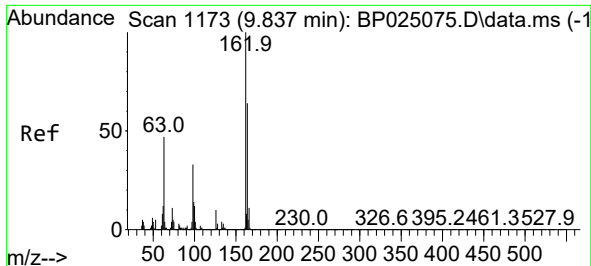
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.449 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

Tgt Ion: 93 Resp: 2019173
Ion Ratio Lower Upper
93 100
95 32.2 26.4 39.6
123 12.1 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 49.923 ng

RT: 9.849 min Scan# 1173

Delta R.T. 0.012 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:162 Resp: 172758

Ion Ratio Lower Upper

162 100

164 64.3 44.1 84.1

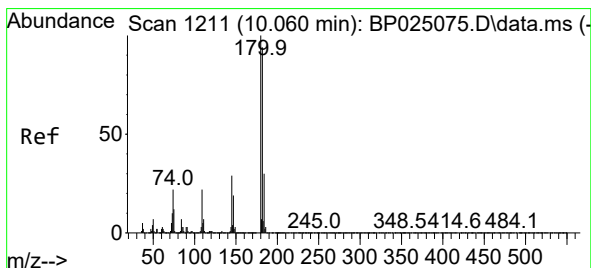
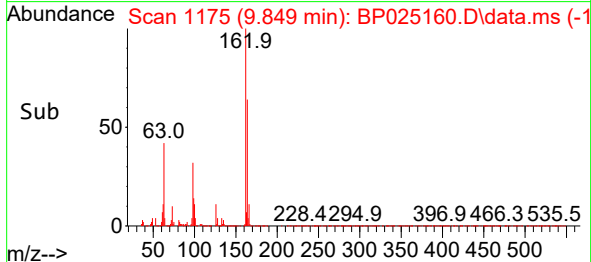
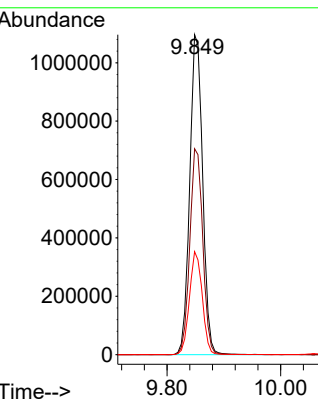
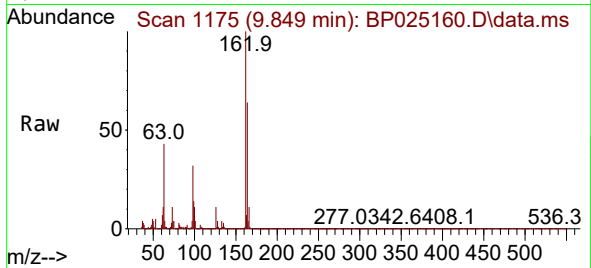
98 32.2 13.1 53.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.695 ng

RT: 10.060 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

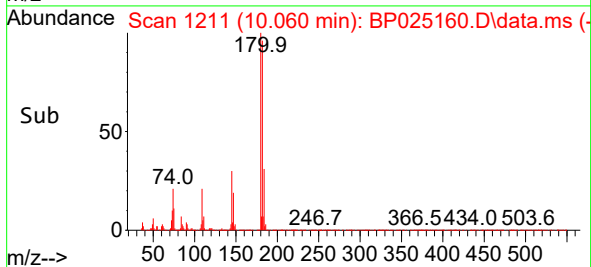
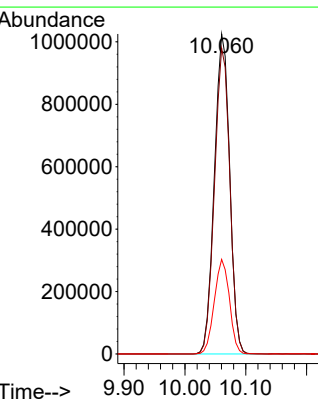
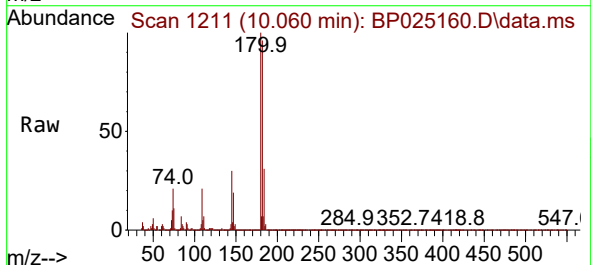
Tgt Ion:180 Resp: 1789431

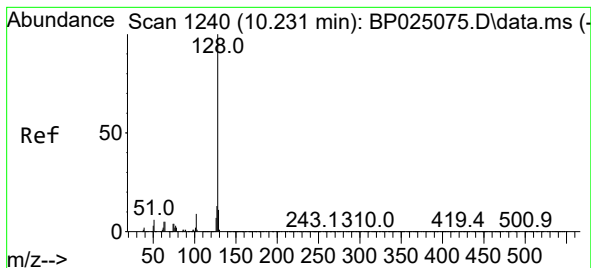
Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

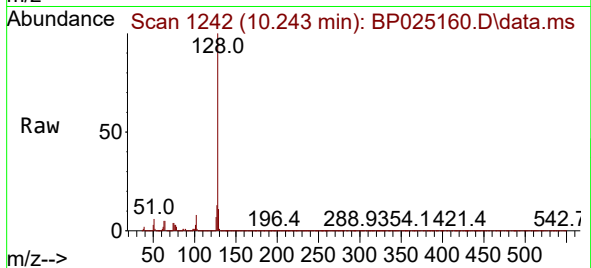
145 29.6 23.3 34.9





#31
Naphthalene
Concen: 42.504 ng
RT: 10.243 min Scan# 1124
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

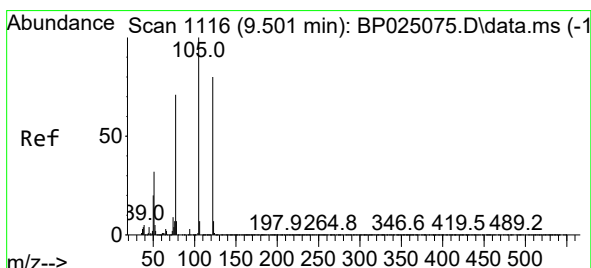
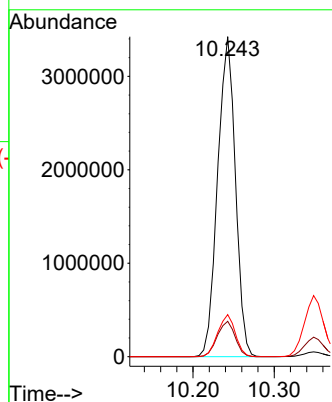
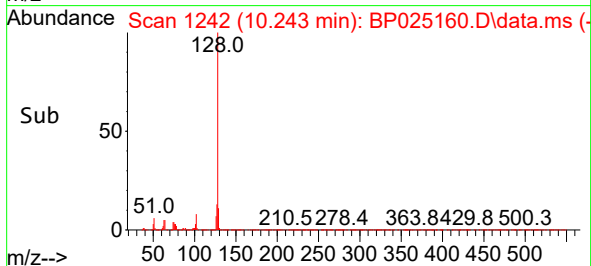
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:128 Resp: 5210779
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6

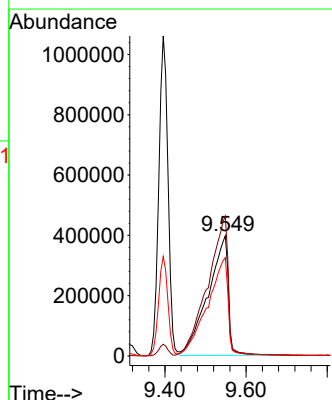
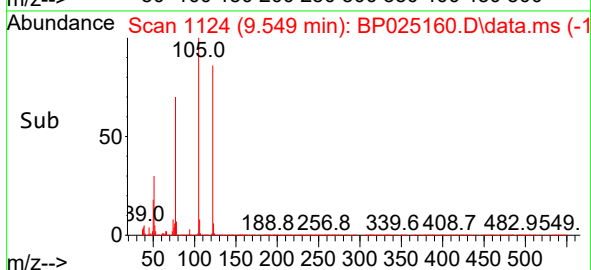
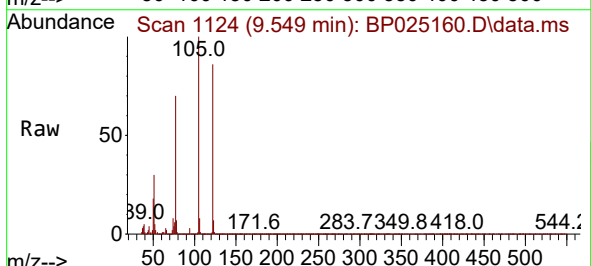
Manual Integrations
APPROVED

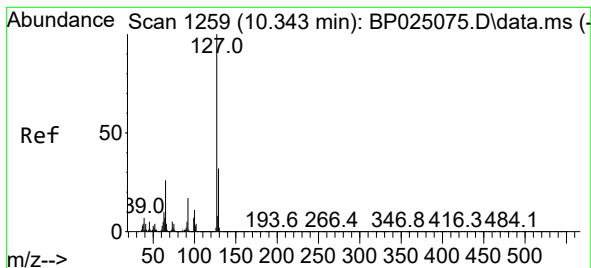
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#32
Benzoic acid
Concen: 54.126 ng
RT: 9.549 min Scan# 1124
Delta R.T. 0.048 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

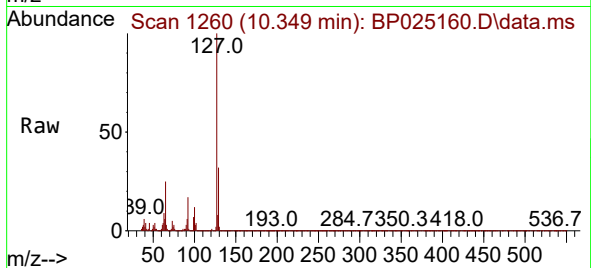
Tgt Ion:122 Resp: 1372148
Ion Ratio Lower Upper
122 100
105 116.4 101.0 141.0
77 81.8 67.6 107.6





#33
4-Chloroaniline
Concen: 23.676 ng
RT: 10.349 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

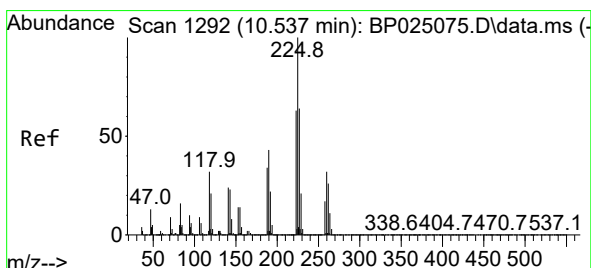
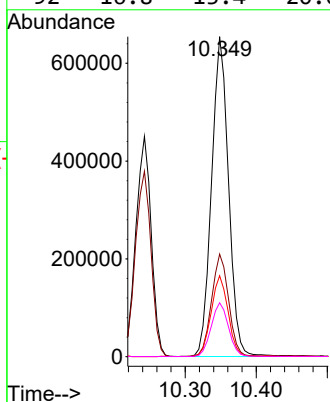
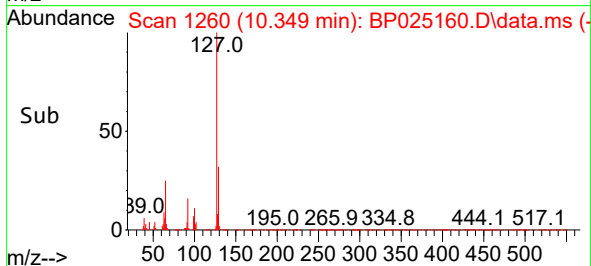
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:127 Resp: 108318
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 25.3 21.0 31.6
92 16.8 13.4 20.0

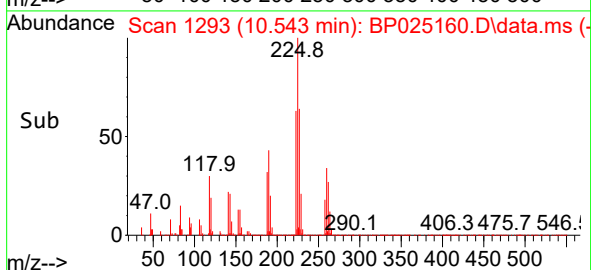
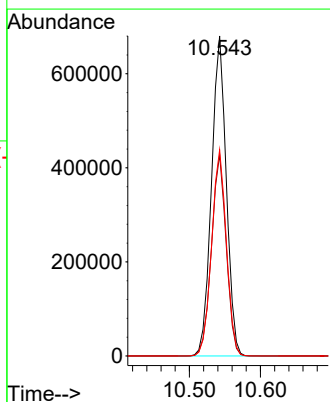
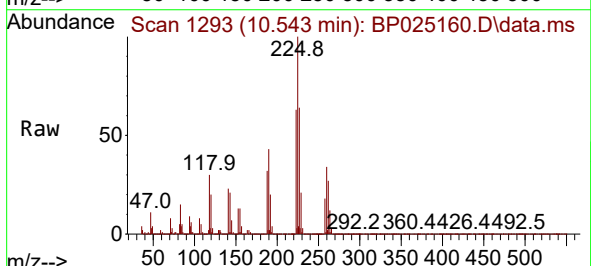
Manual Integrations
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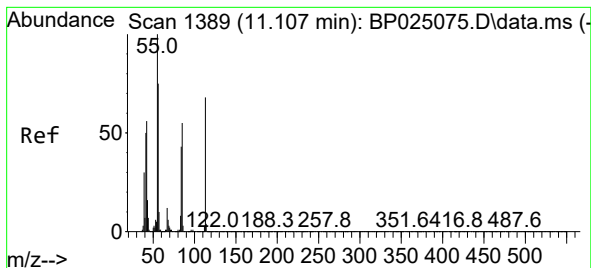
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#34
Hexachlorobutadiene
Concen: 44.675 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

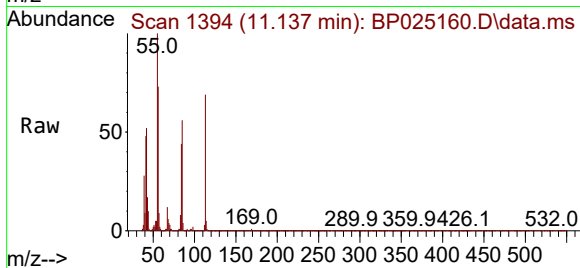
Tgt Ion:225 Resp: 982461
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 64.5 51.3 76.9





#35
Caprolactam
Concen: 43.207 ng
RT: 11.137 min Scan# 1113
Delta R.T. 0.029 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

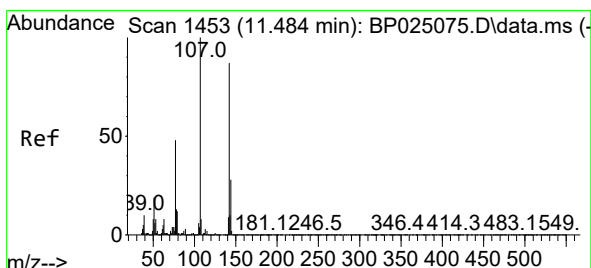
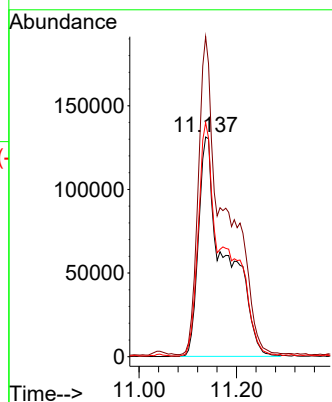
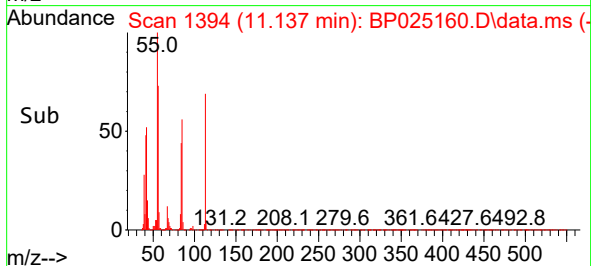
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



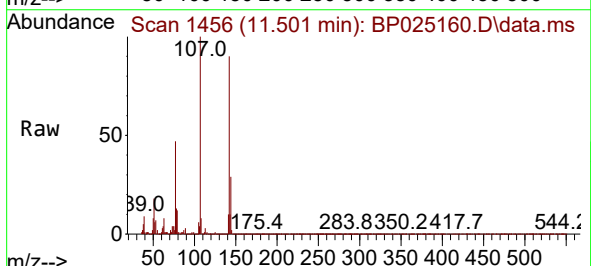
Tgt Ion:113 Resp: 511499
Ion Ratio Lower Upper
113 100
55 145.7 128.1 168.1
56 106.5 90.7 130.7

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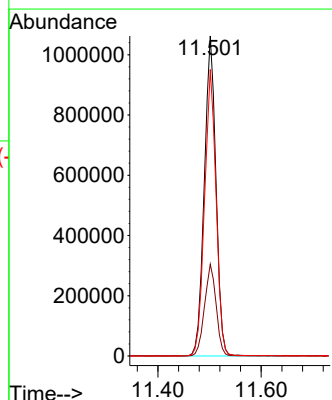
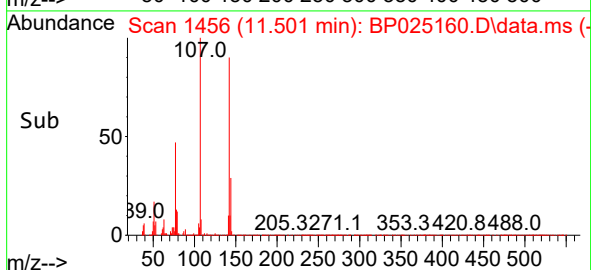
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

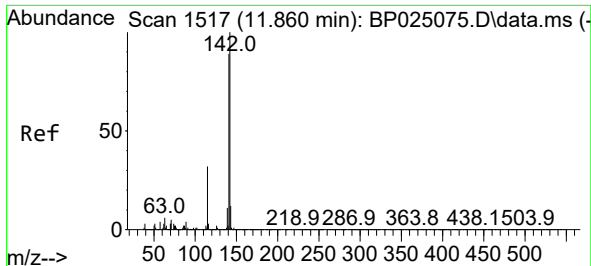


#36
4-Chloro-3-methylphenol
Concen: 45.768 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



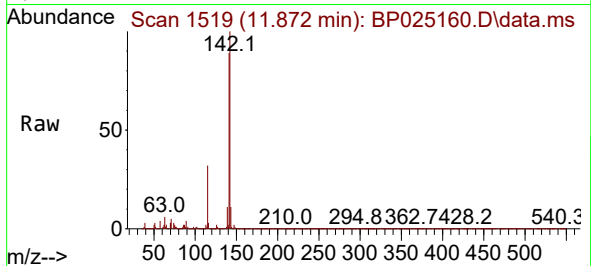
Tgt Ion:107 Resp: 1655102
Ion Ratio Lower Upper
107 100
144 28.7 22.4 33.6
142 89.5 69.6 104.4





#37
2-Methylnaphthalene
Concen: 39.227 ng
RT: 11.872 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

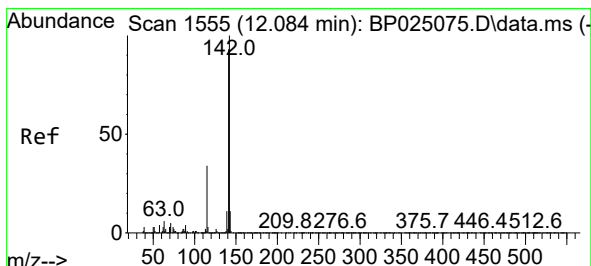
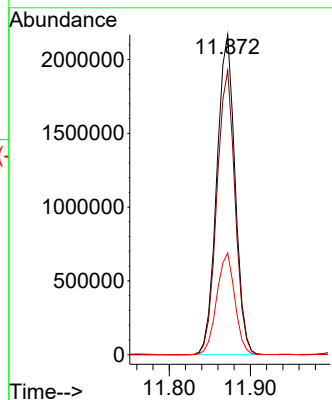
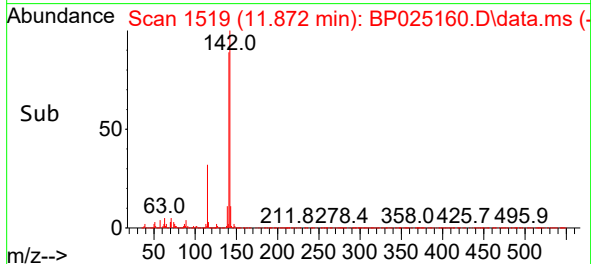
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



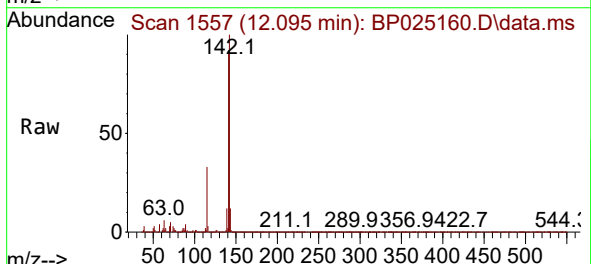
Tgt Ion:142 Resp: 339309
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8
115 31.8 25.9 38.9

Manual Integrations
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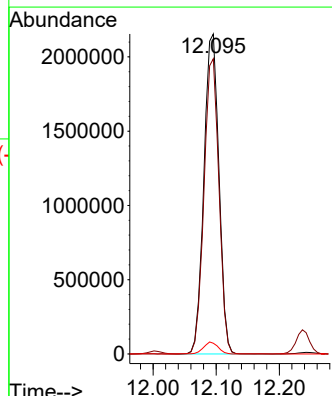
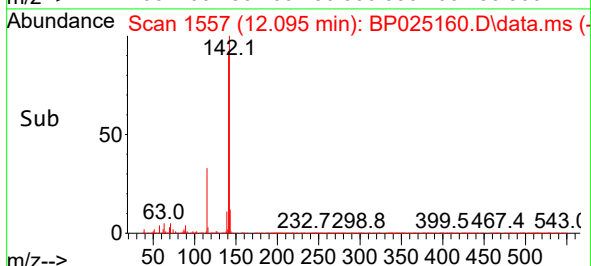
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

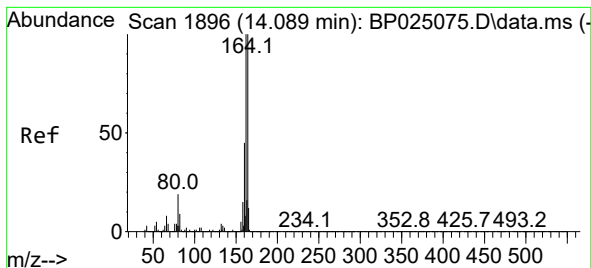


#38
1-Methylnaphthalene
Concen: 42.252 ng
RT: 12.095 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



Tgt Ion:142 Resp: 3564453
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1
116 3.4 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.095 min Scan# 1896

Delta R.T. 0.006 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:164 Resp: 1504600

Ion Ratio Lower Upper

164 100

162 100.9 80.3 120.5

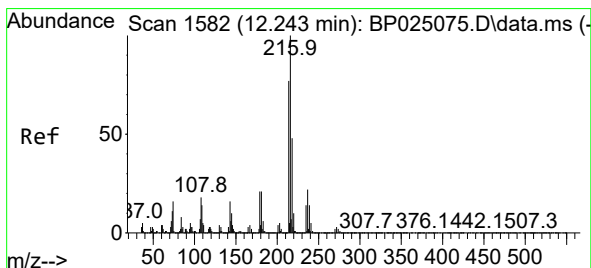
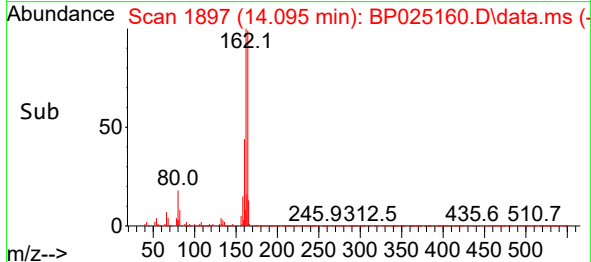
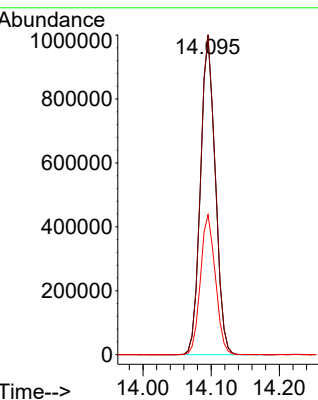
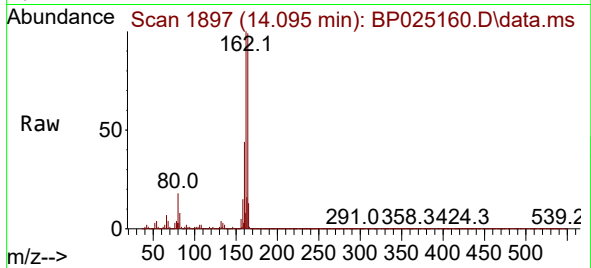
160 44.1 35.9 53.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.800 ng

RT: 12.248 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Tgt Ion:216 Resp: 1980495

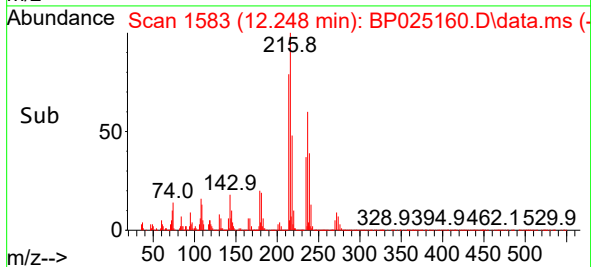
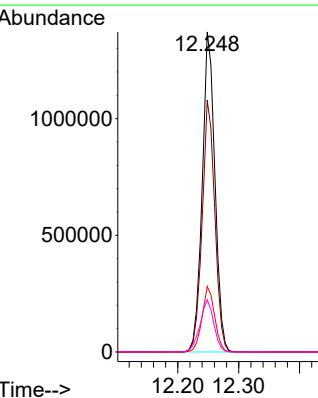
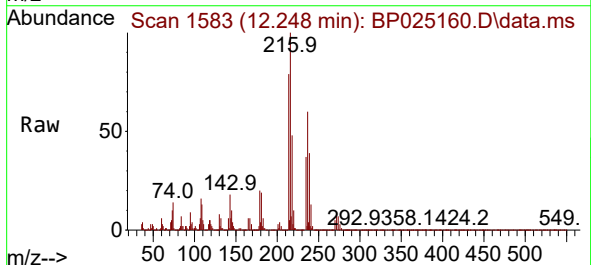
Ion Ratio Lower Upper

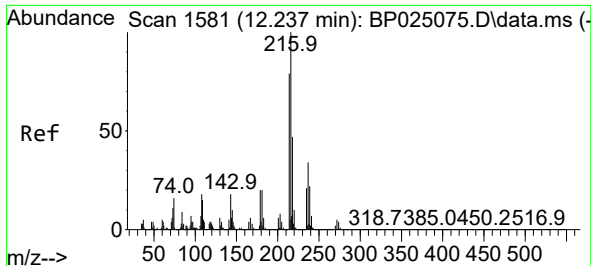
216 100

214 78.8 62.4 93.6

179 20.4 16.5 24.7

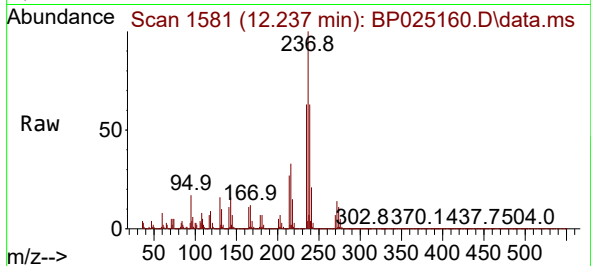
108 17.7 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 182.842 ng
RT: 12.237 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

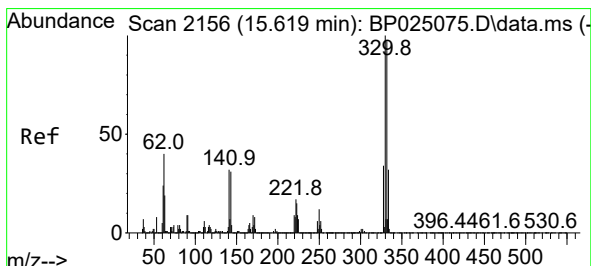
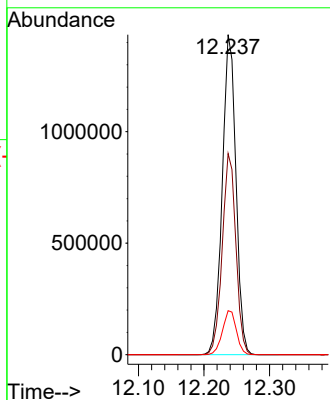
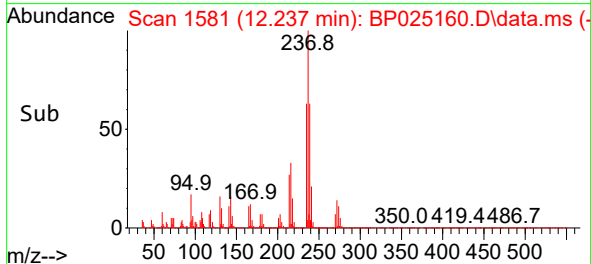
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



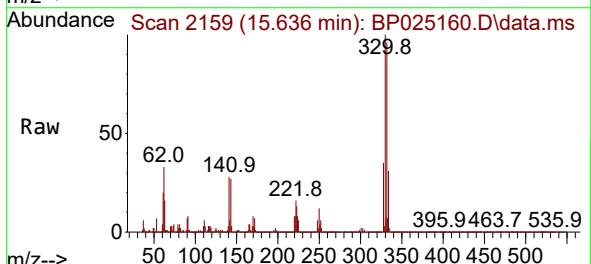
Tgt Ion: 237 Resp: 2065192
Ion Ratio Lower Upper
237 100
235 62.9 41.6 81.6
272 13.7 0.0 33.6

Manual Integrations
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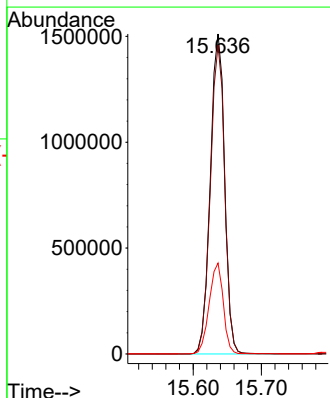
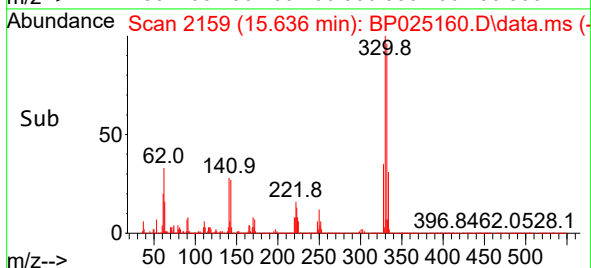
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

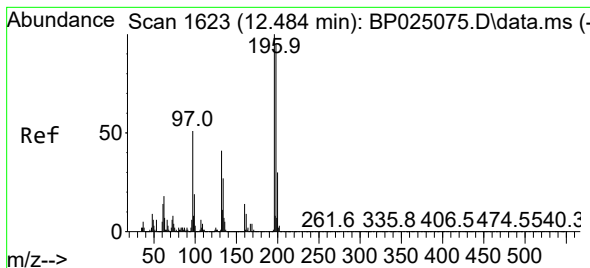


#42
2,4,6-Tribromophenol
Concen: 124.592 ng
RT: 15.636 min Scan# 2159
Delta R.T. 0.018 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



Tgt Ion: 330 Resp: 2214547
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 27.8 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 52.132 ng

RT: 12.501 min Scan# 1626

Delta R.T. 0.018 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:196 Resp: 136502

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.2

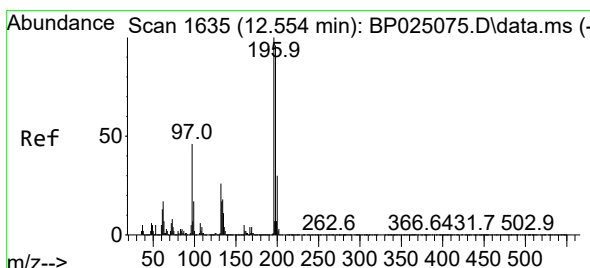
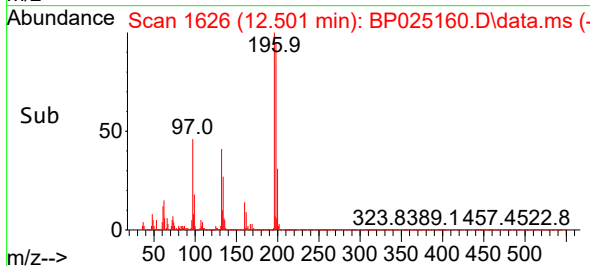
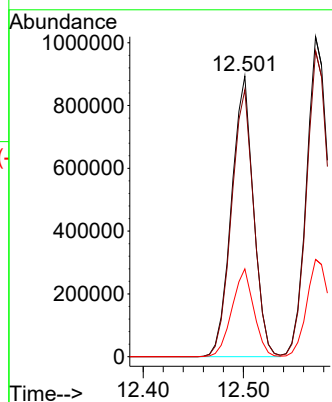
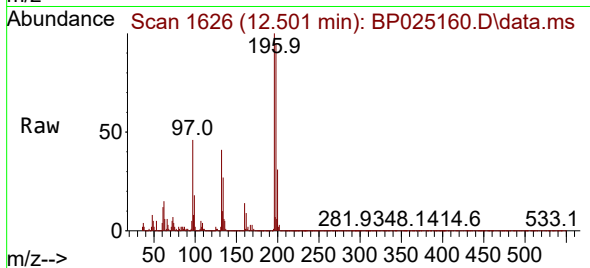
200 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#44

2,4,5-Trichlorophenol

Concen: 51.098 ng

RT: 12.572 min Scan# 1638

Delta R.T. 0.018 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Tgt Ion:196 Resp: 1516287

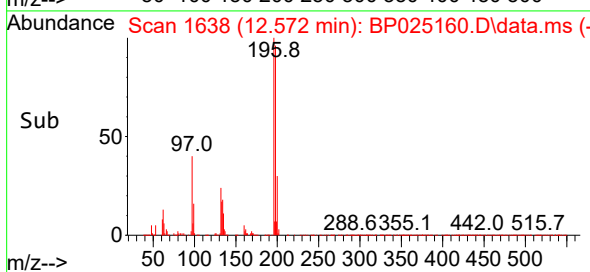
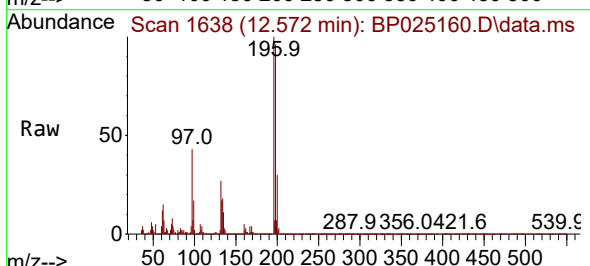
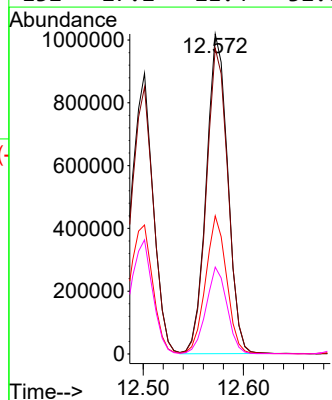
Ion Ratio Lower Upper

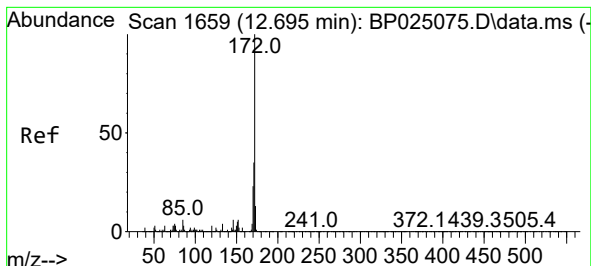
196 100

198 95.6 76.6 115.0

97 43.2 36.6 55.0

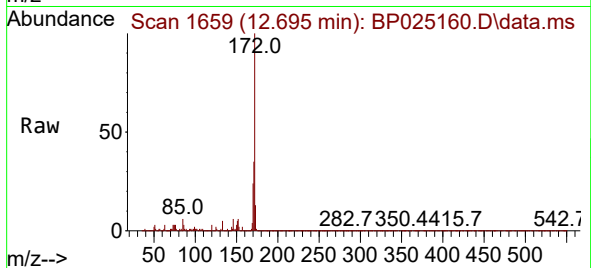
132 27.2 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 59.427 ng
RT: 12.695 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

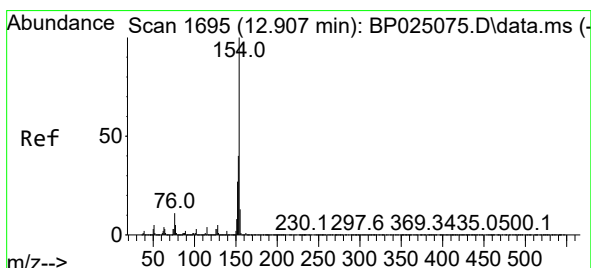
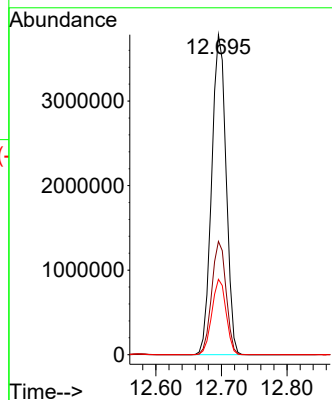
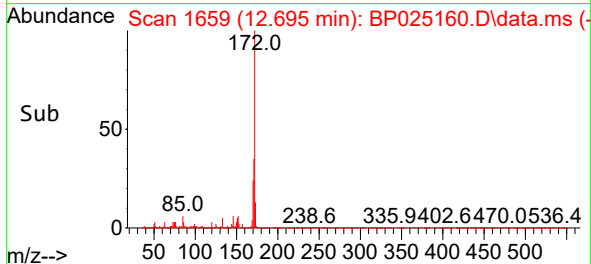
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



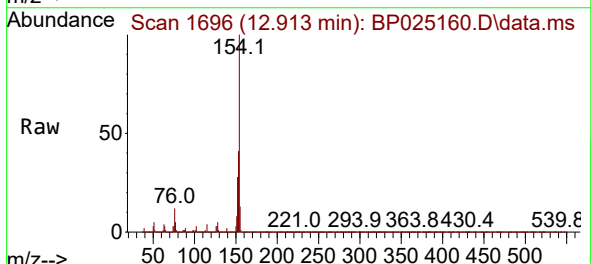
Tgt Ion:172 Resp: 577177
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.6 18.7 28.1

Manual Integrations
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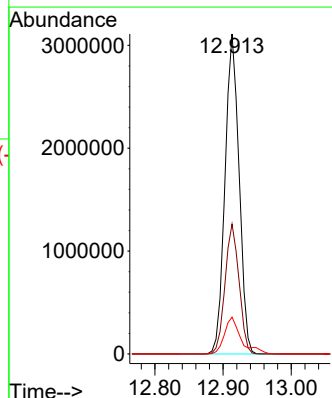
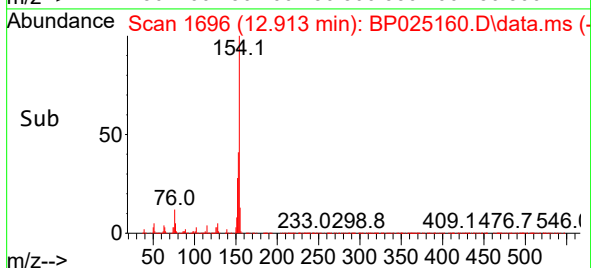
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

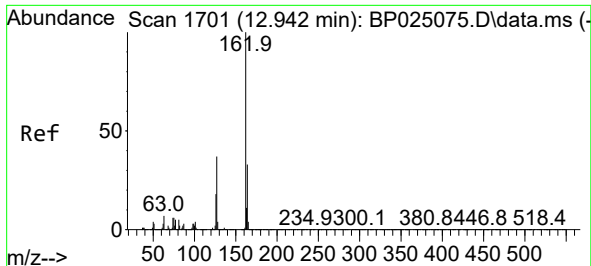


#46
1,1'-Biphenyl
Concen: 40.816 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



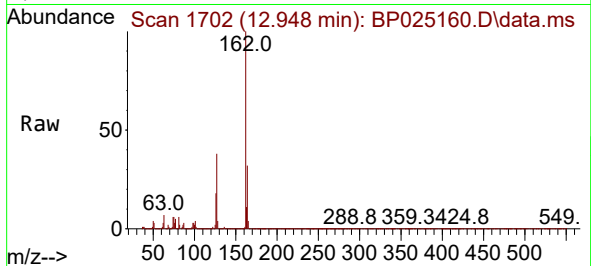
Tgt Ion:154 Resp: 4468217
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 11.5 0.0 31.5





#47
2-Chloronaphthalene
Concen: 42.044 ng
RT: 12.948 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

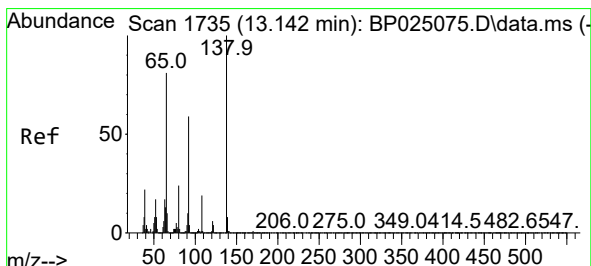
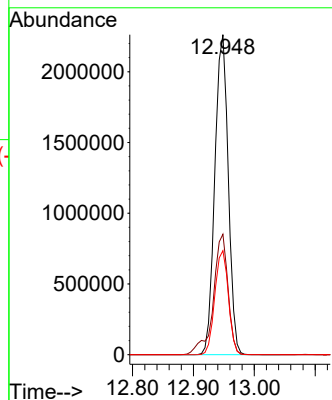
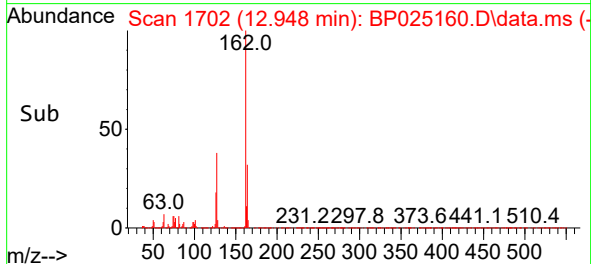
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:162 Resp: 345944
Ion Ratio Lower Upper
162 100
127 37.7 29.4 44.2
164 32.5 26.4 39.6

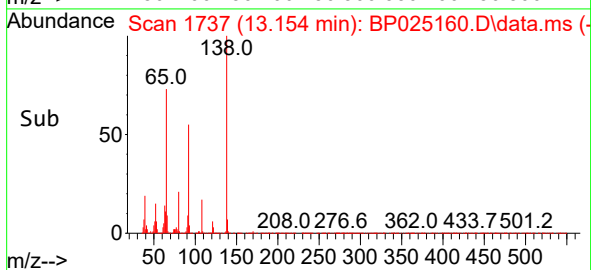
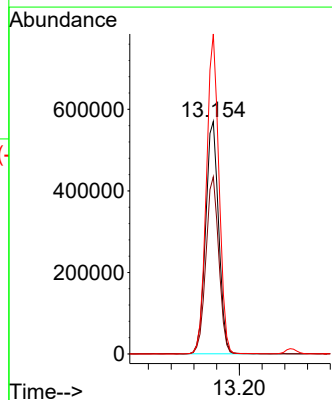
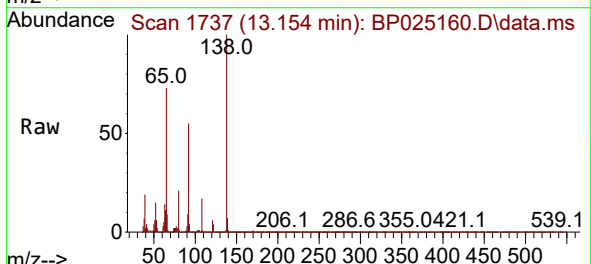
Manual Integrations
APPROVED

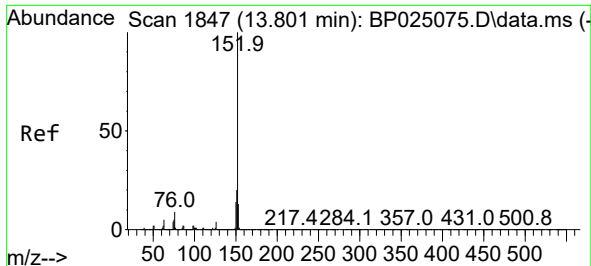
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#48
2-Nitroaniline
Concen: 44.973 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

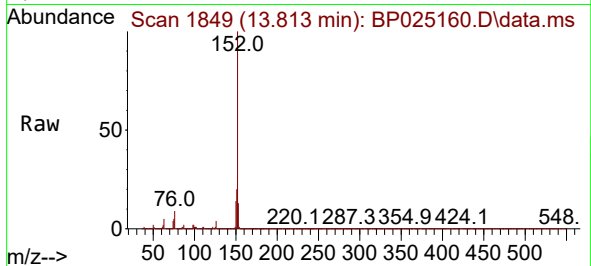
Tgt Ion: 65 Resp: 902729
Ion Ratio Lower Upper
65 100
92 76.2 58.7 88.1
138 137.6 99.0 148.4





#49
Acenaphthylene
Concen: 48.699 ng
RT: 13.813 min Scan# 1849
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

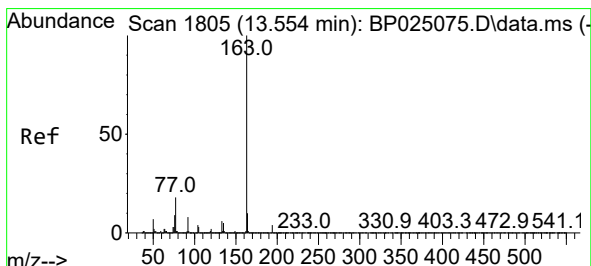
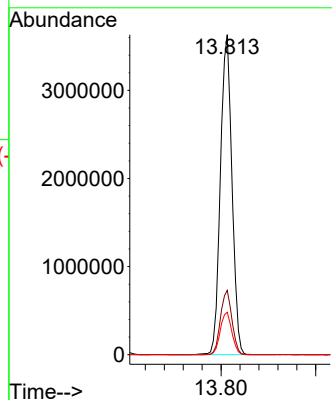
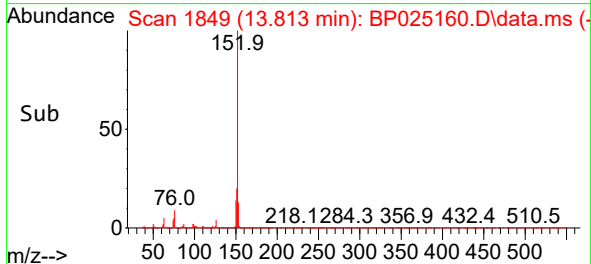
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



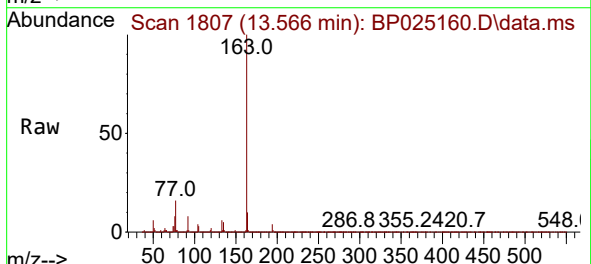
Tgt Ion:152 Resp: 613284
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.7 16.1

Manual Integrations
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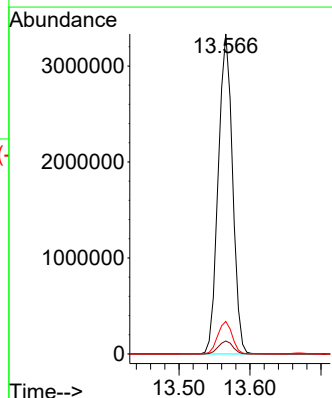
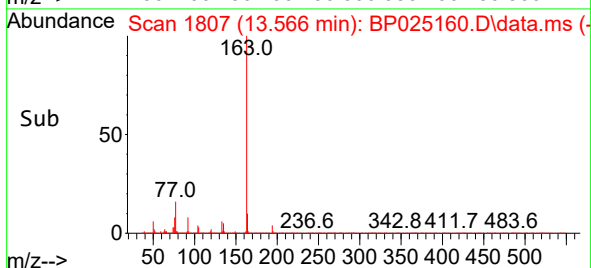
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

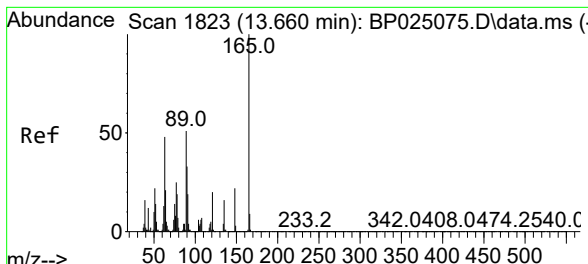


#50
Dimethylphthalate
Concen: 44.038 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



Tgt Ion:163 Resp: 4638188
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.0 12.0





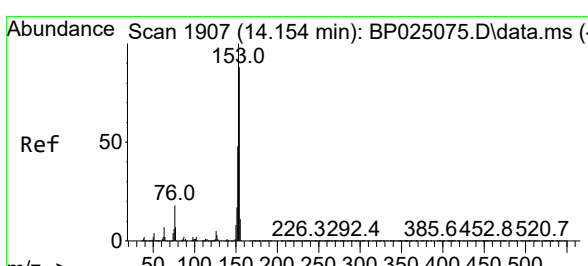
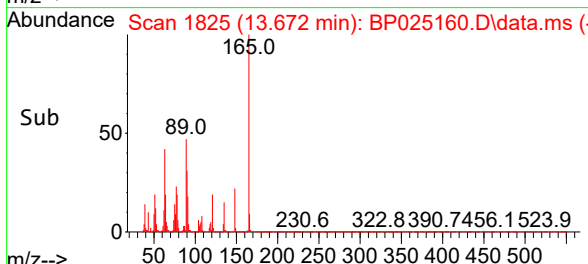
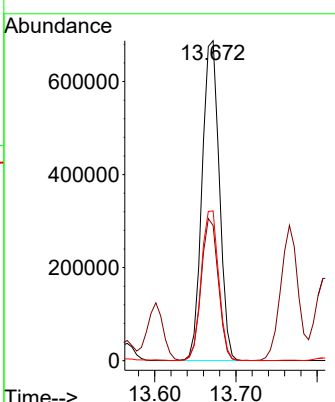
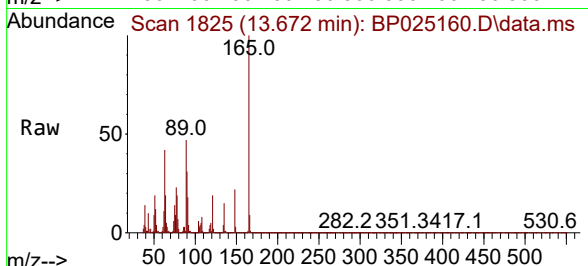
#51
 2,6-Dinitrotoluene
 Concen: 49.216 ng
 RT: 13.672 min Scan# 1825
 Delta R.T. 0.012 min
 Lab File: BP025160.D
 Acq: 16 Jul 2025 16:12

Instrument : BNA_P
 ClientSampleId : TP-16MSD

Tgt Ion:165 Resp: 1010950

Ion	Ratio	Lower	Upper
165	100		
63	42.3	38.5	57.7
89	46.8	40.6	61.0

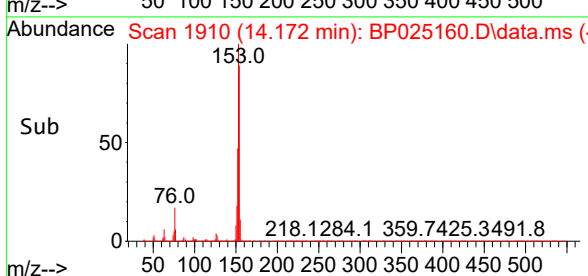
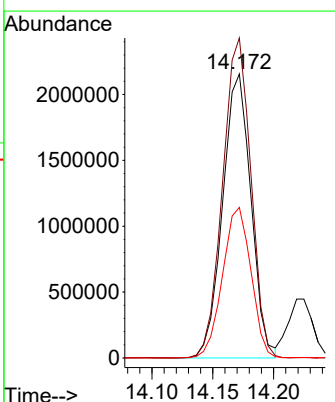
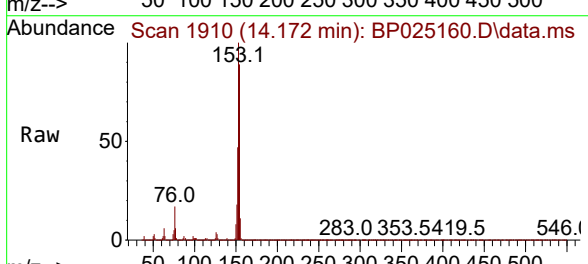
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

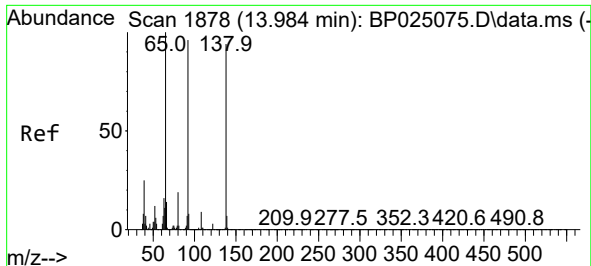


#52
 Acenaphthene
 Concen: 43.060 ng
 RT: 14.172 min Scan# 1910
 Delta R.T. 0.018 min
 Lab File: BP025160.D
 Acq: 16 Jul 2025 16:12

Tgt Ion:154 Resp: 3495080

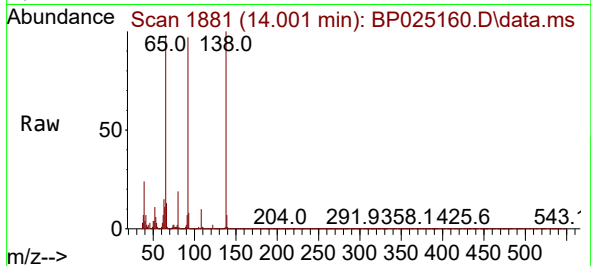
Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	136.0
152	53.0	43.8	65.8





#53
3-Nitroaniline
Concen: 34.411 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

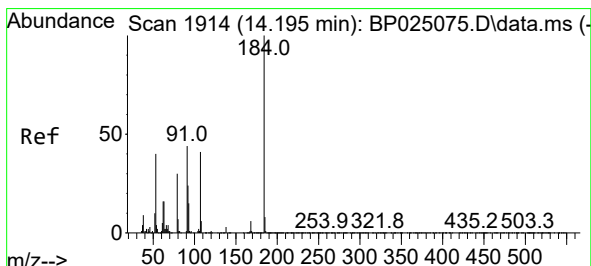
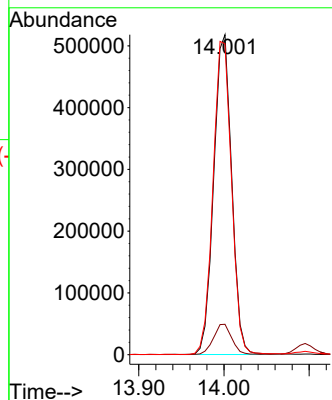
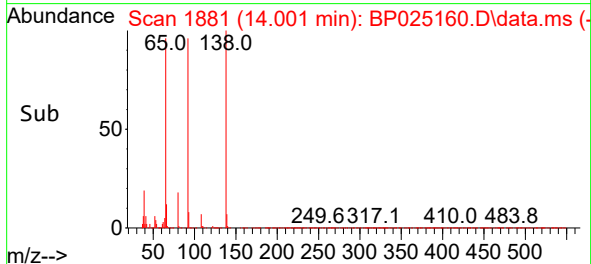
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



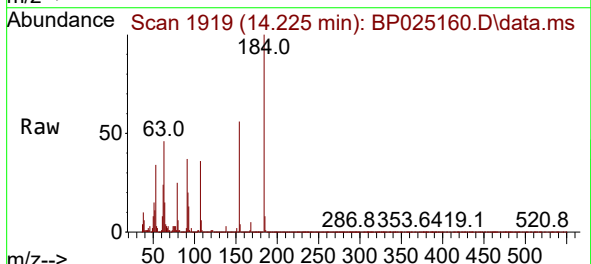
Tgt Ion:138 Resp: 757512
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 97.2 81.0 121.4

Manual Integrations
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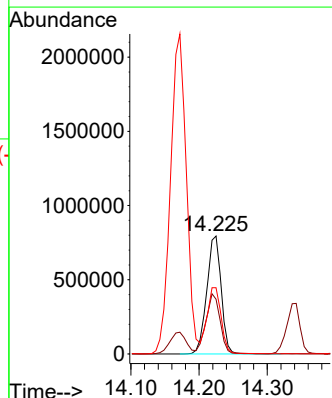
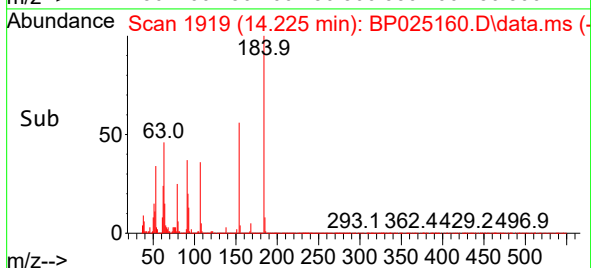
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

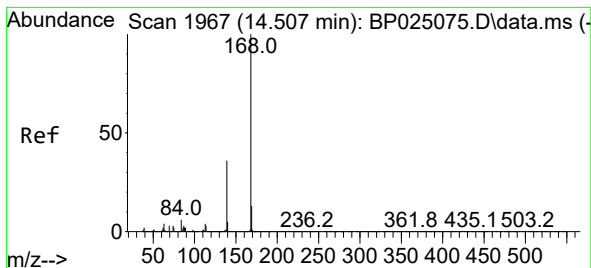


#54
2,4-Dinitrophenol
Concen: 114.062 ng
RT: 14.225 min Scan# 1919
Delta R.T. 0.030 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



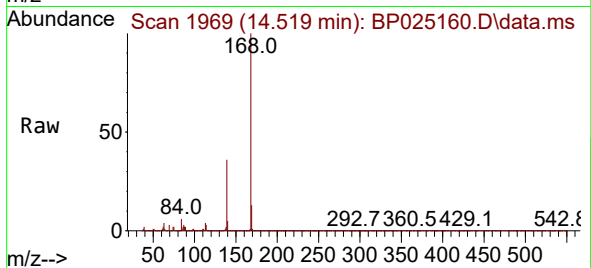
Tgt Ion:184 Resp: 1169730
Ion Ratio Lower Upper
184 100
63 46.4 47.4 71.0#
154 56.2 47.8 71.8





#55
Dibenzenofuran
Concen: 38.872 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

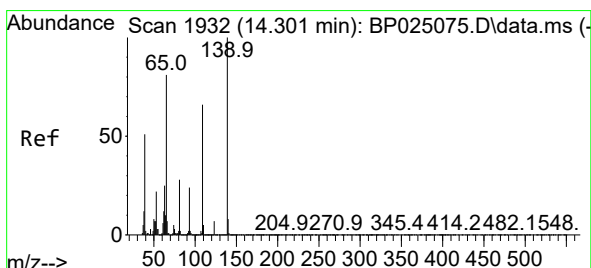
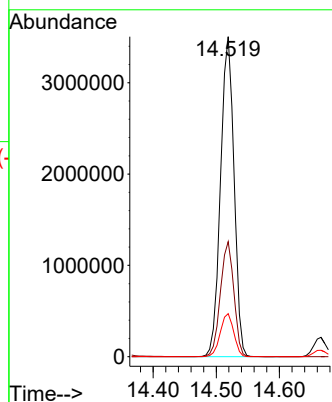
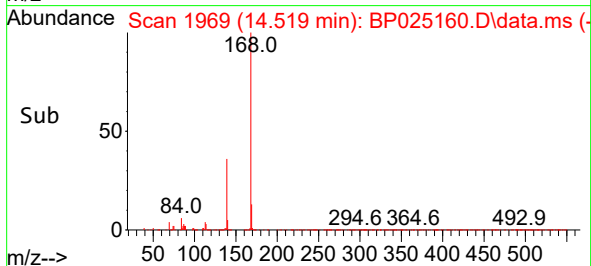
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



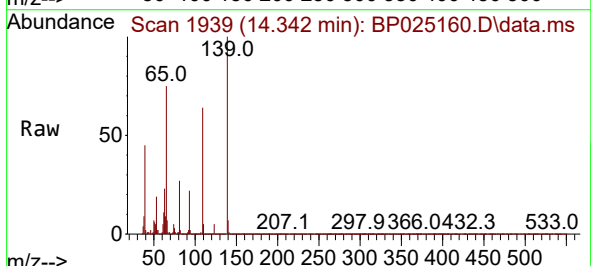
Tgt Ion:168 Resp: 5207092
Ion Ratio Lower Upper
168 100
139 36.0 28.6 43.0
169 13.4 10.7 16.1

Manual Integrations
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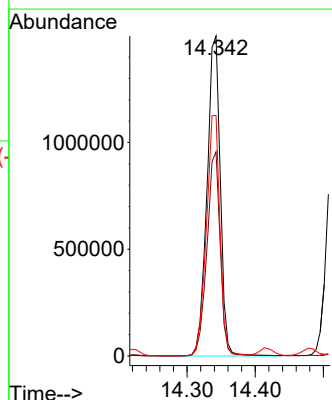
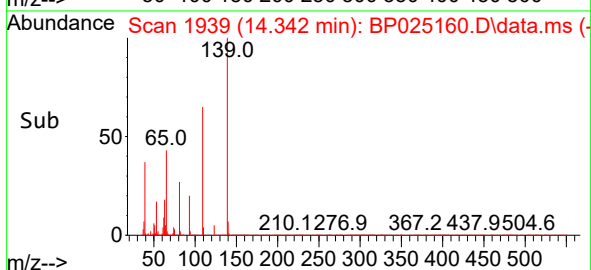
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

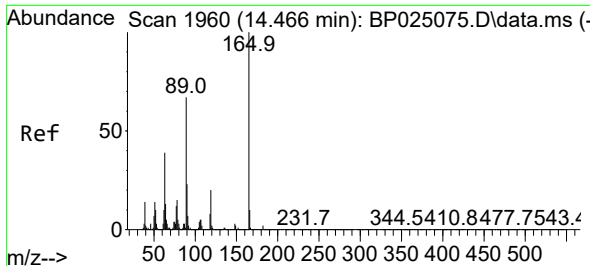


#56
4-Nitrophenol
Concen: 100.129 ng
RT: 14.342 min Scan# 1939
Delta R.T. 0.041 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



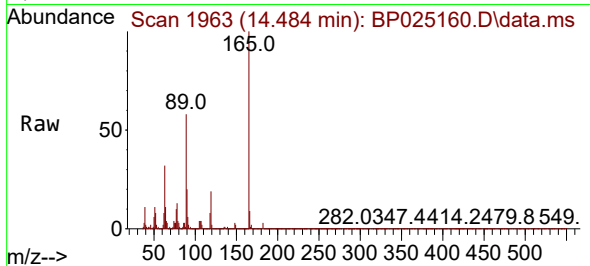
Tgt Ion:139 Resp: 2034106
Ion Ratio Lower Upper
139 100
109 63.8 45.9 85.9
65 75.2 61.4 101.4





#57
2,4-Dinitrotoluene
Concen: 45.105 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

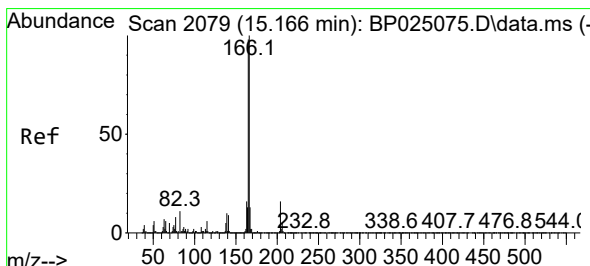
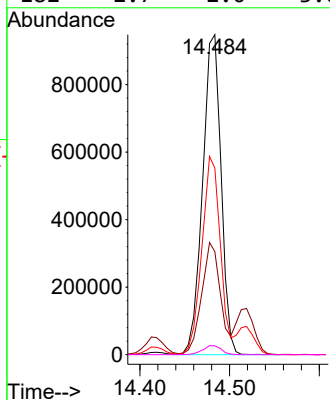
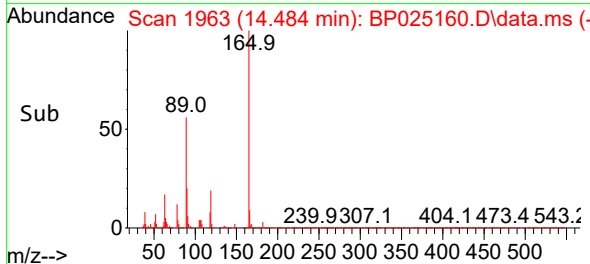
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



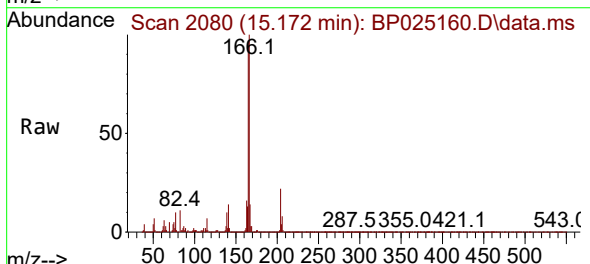
Tgt Ion:165 Resp: 135469
Ion Ratio Lower Upper
165 100
63 32.2 31.0 46.4
89 58.3 53.4 80.0
182 2.7 2.0 3.0

Manual Integrations
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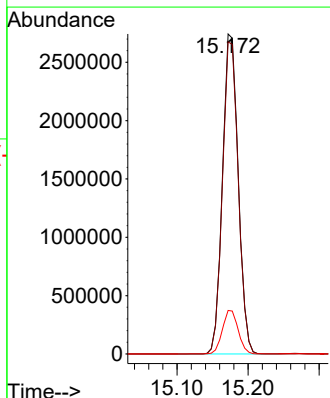
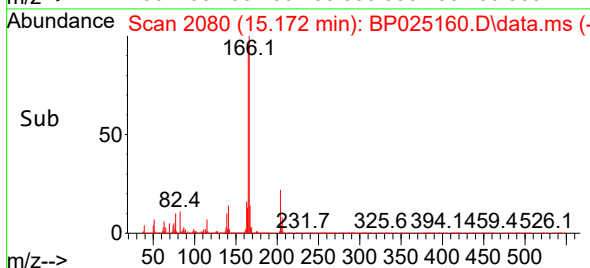
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

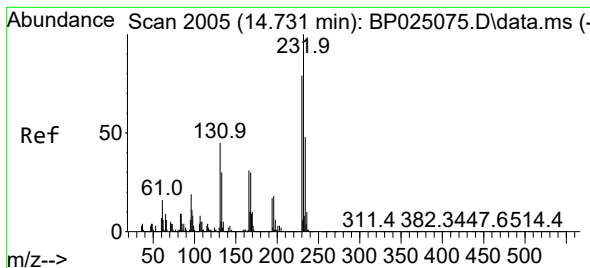


#58
Fluorene
Concen: 40.644 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



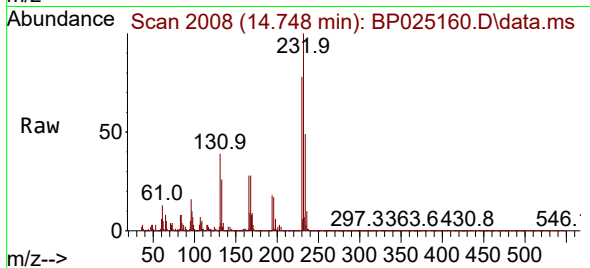
Tgt Ion:166 Resp: 4211120
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.818 ng
RT: 14.748 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

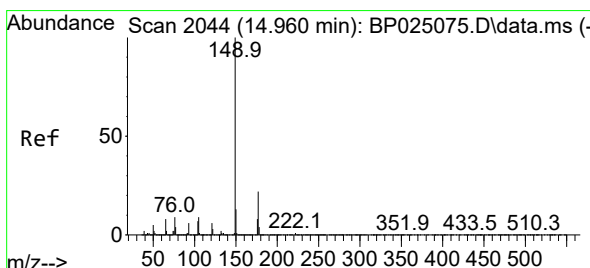
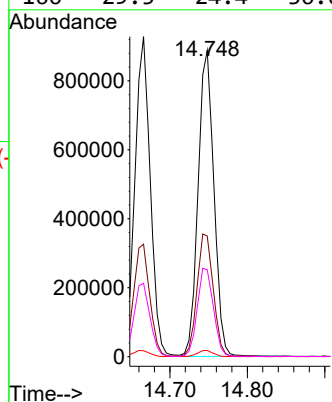
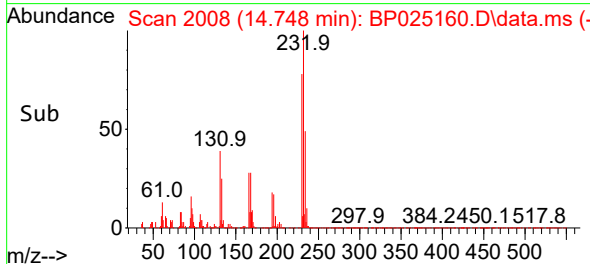
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:232 Resp: 1258069
Ion Ratio Lower Upper
232 100
131 40.7 35.7 53.5
130 2.0 1.8 2.6
166 29.5 24.4 36.6

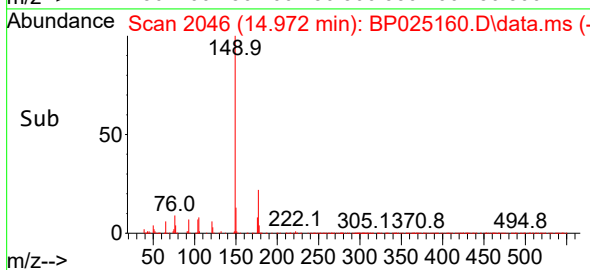
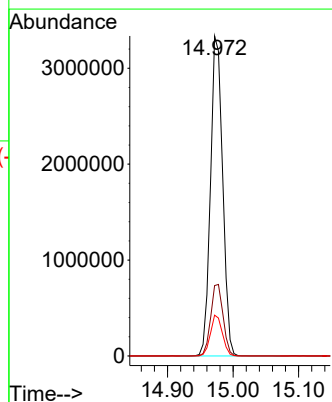
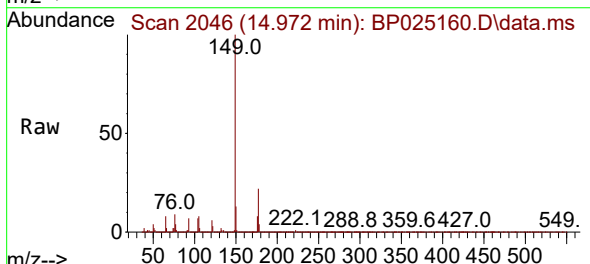
Manual Integrations
APPROVED

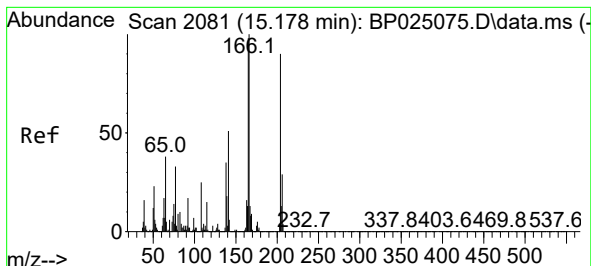
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#60
Diethylphthalate
Concen: 40.689 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

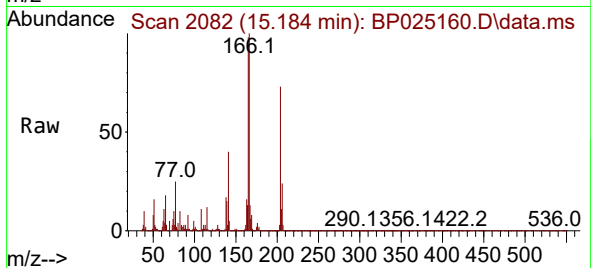
Tgt Ion:149 Resp: 4304212
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.801 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

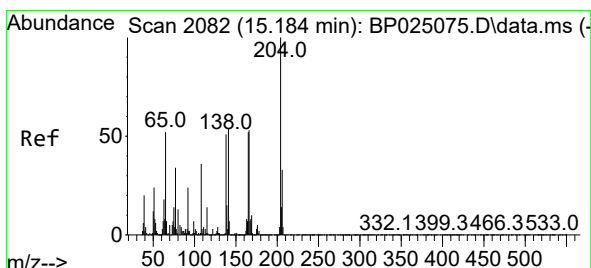
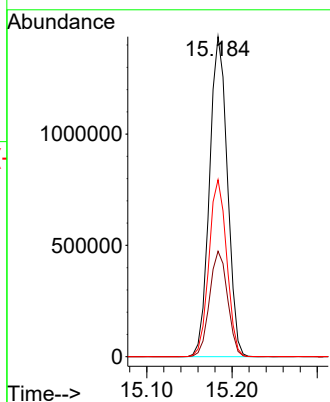
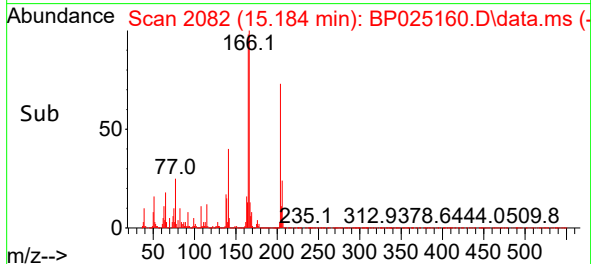
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



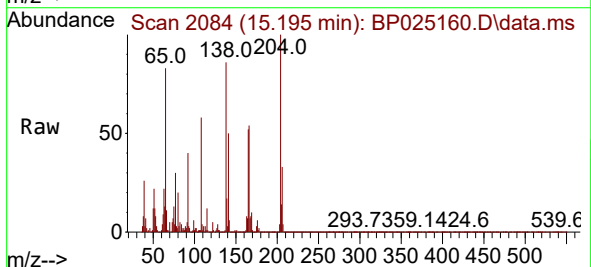
Tgt Ion: 204 Resp: 2092058
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 55.3 45.1 67.7

Manual Integrations
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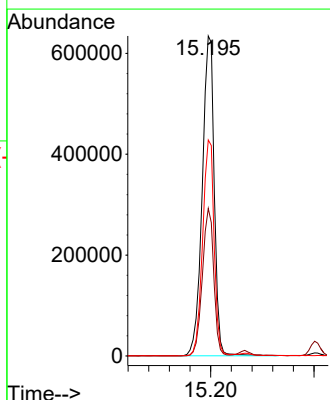
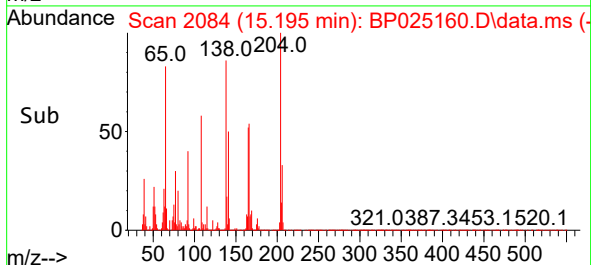
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

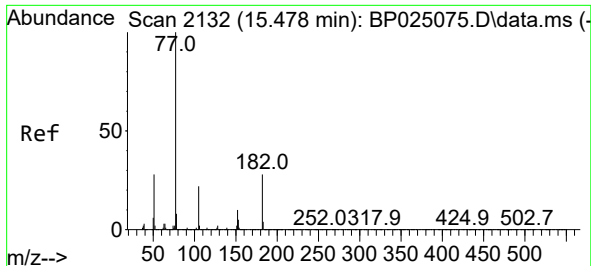


#62
4-Nitroaniline
Concen: 44.353 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



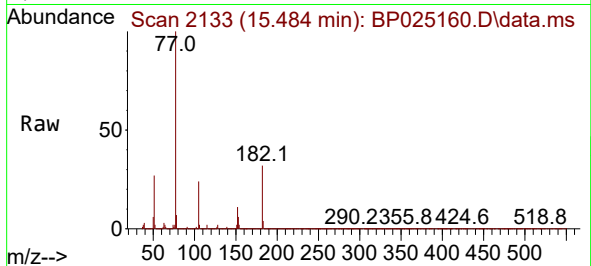
Tgt Ion: 138 Resp: 1023784
Ion Ratio Lower Upper
138 100
92 46.1 26.0 66.0
108 67.5 50.0 90.0





#63
Azobenzene
Concen: 43.166 ng
RT: 15.484 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

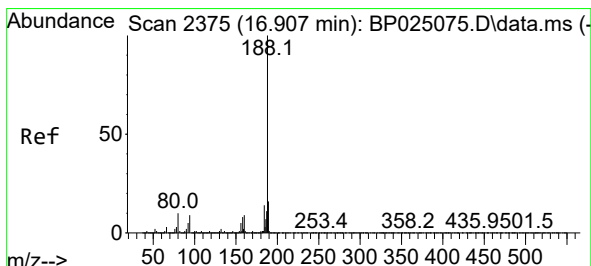
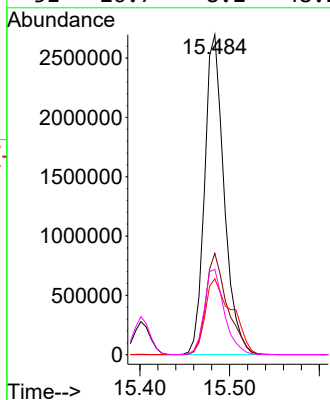
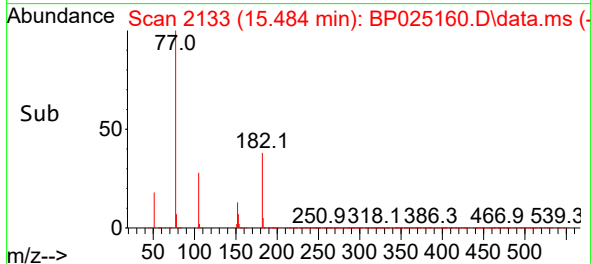
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion: 77 Resp: 406618
Ion Ratio Lower Upper
77 100
182 31.7 7.7 47.7
105 23.7 1.9 41.9
51 26.7 8.2 48.2

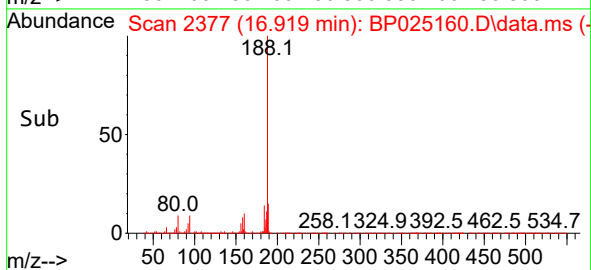
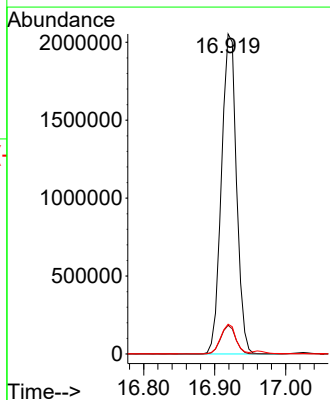
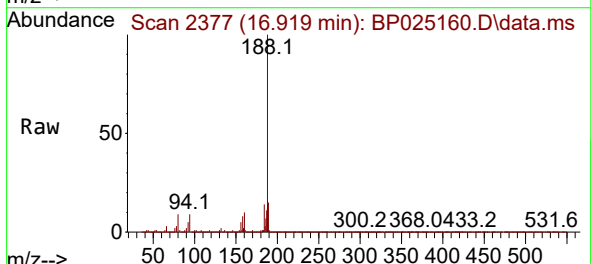
Manual Integrations
APPROVED

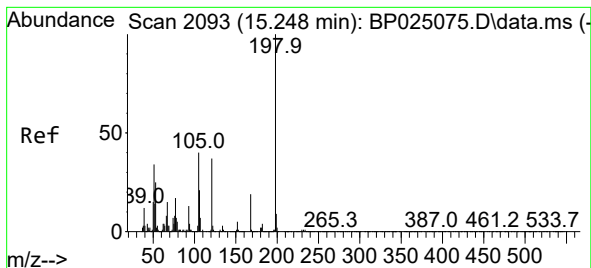
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

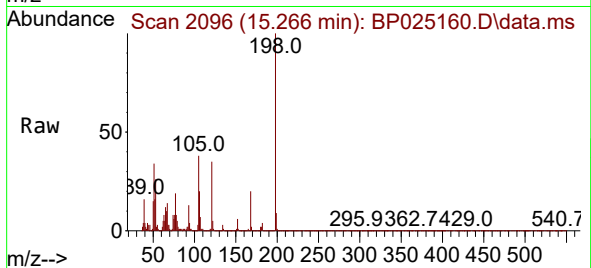
Tgt Ion:188 Resp: 3011946
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 9.3 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 52.373 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.018 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

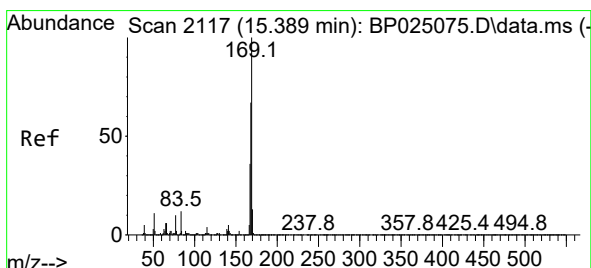
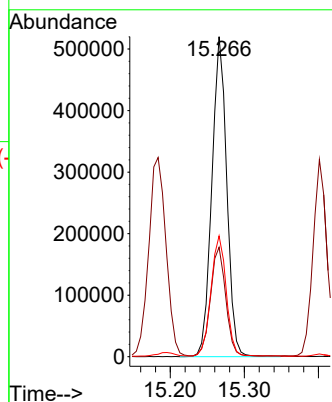
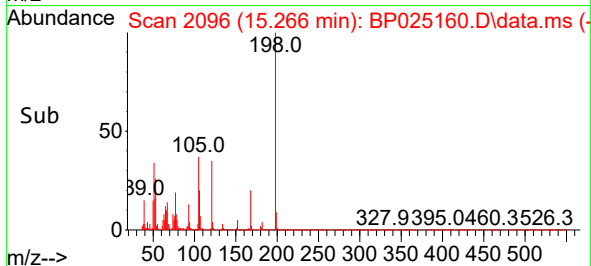
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:198 Resp: 725725
Ion Ratio Lower Upper
198 100
51 34.2 16.8 56.8
105 37.7 20.8 60.8

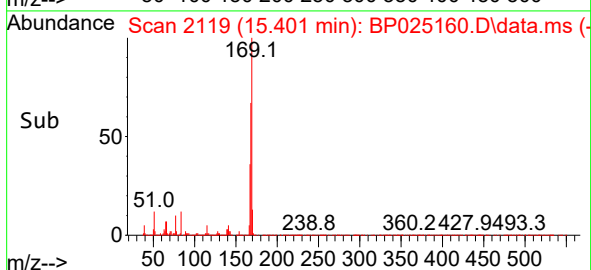
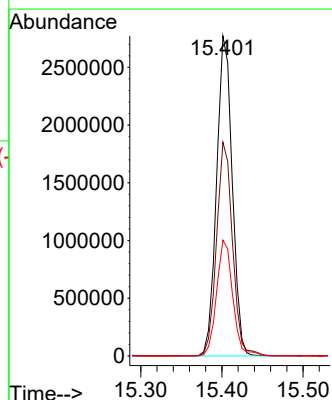
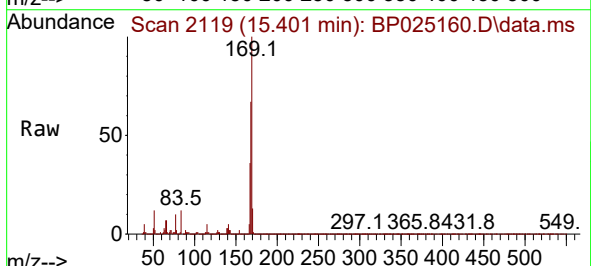
Manual Integrations
APPROVED

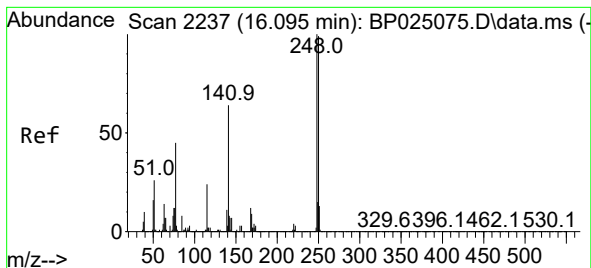
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#66
n-Nitrosodiphenylamine
Concen: 43.136 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

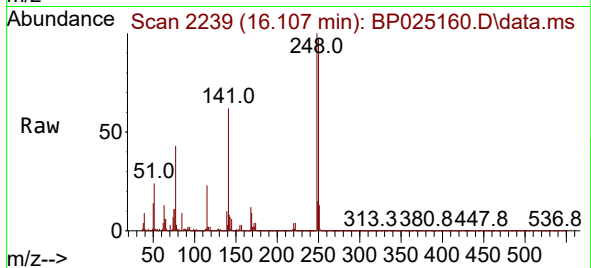
Tgt Ion:169 Resp: 3718193
Ion Ratio Lower Upper
169 100
168 66.8 54.1 81.1
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.348 ng
RT: 16.107 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

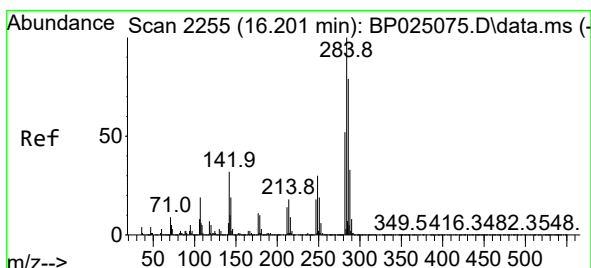
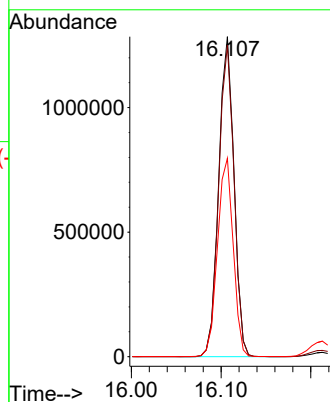
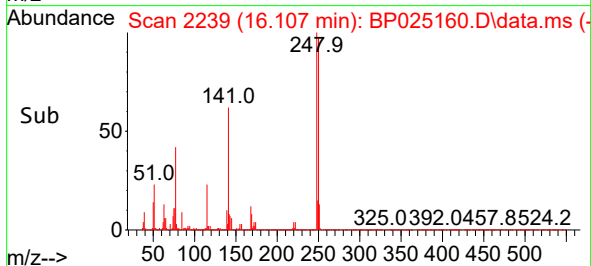
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



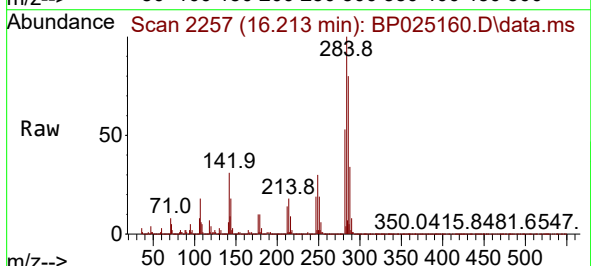
Tgt Ion:248 Resp: 152184
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.2
141 62.0 51.4 77.0

Manual Integrations
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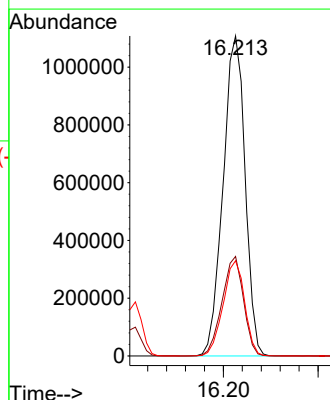
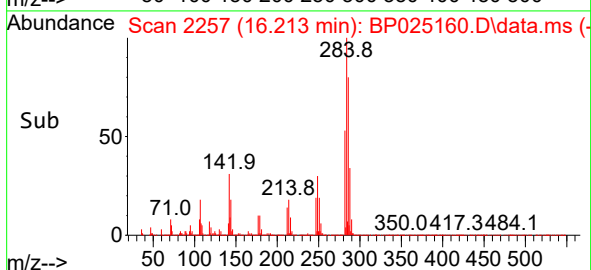
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

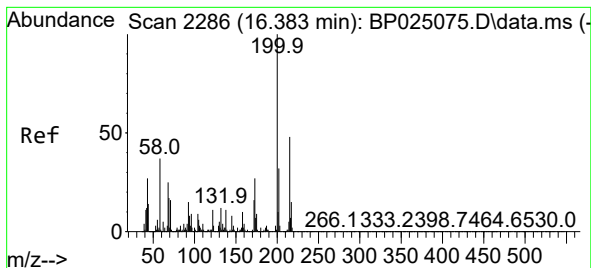


#68
Hexachlorobenzene
Concen: 47.375 ng
RT: 16.213 min Scan# 2257
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



Tgt Ion:284 Resp: 1785730
Ion Ratio Lower Upper
284 100
142 31.1 25.9 38.9
249 29.8 23.8 35.8





#69

Atrazine

Concen: 58.006 ng

RT: 16.401 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:200 Resp: 146516

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

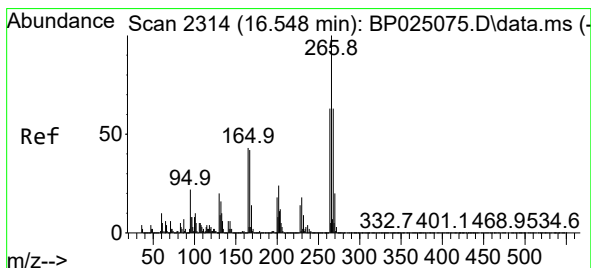
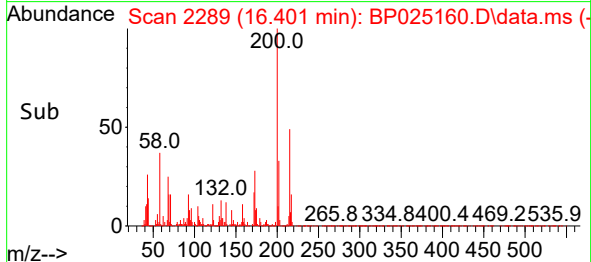
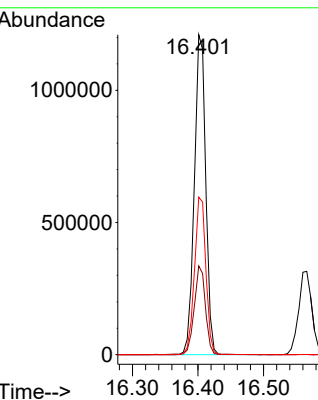
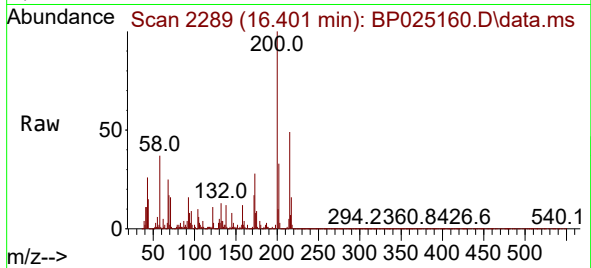
215 49.3 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#70

Pentachlorophenol

Concen: 101.761 ng

RT: 16.566 min Scan# 2317

Delta R.T. 0.018 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

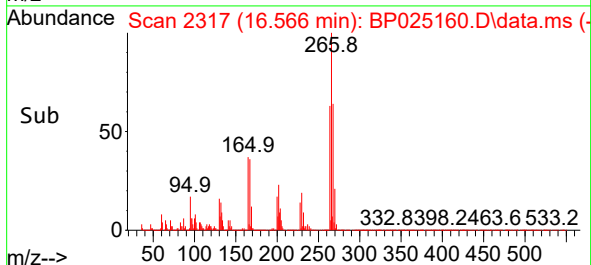
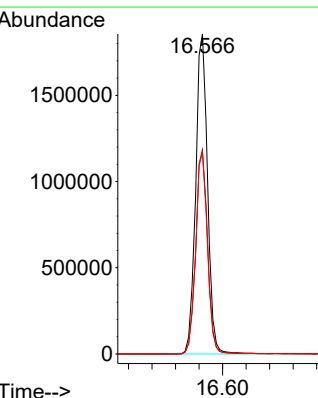
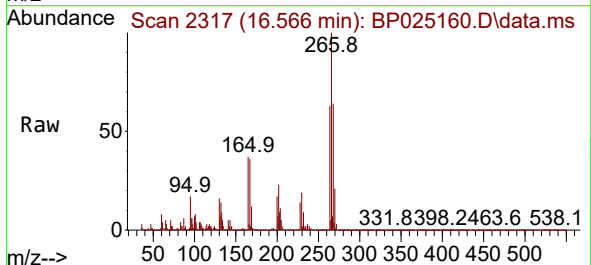
Tgt Ion:266 Resp: 2590493

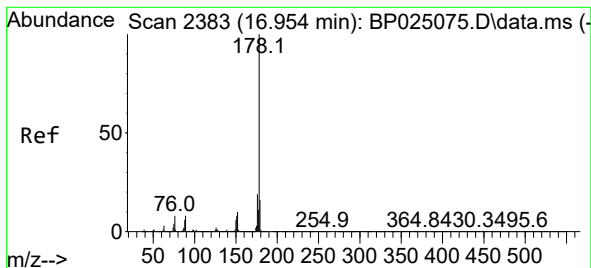
Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 44.971 ng

RT: 16.966 min Scan# 2401

Delta R.T. 0.012 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:178 Resp: 723772

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

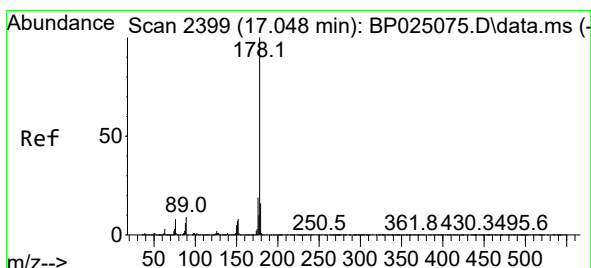
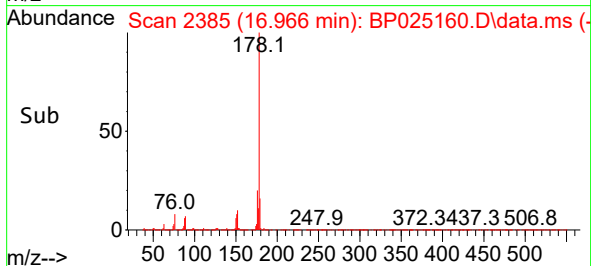
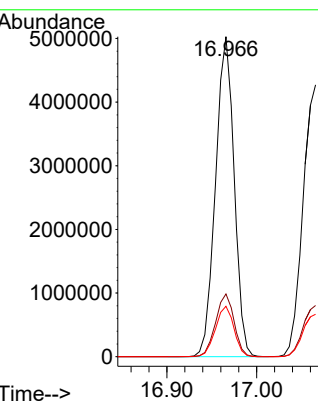
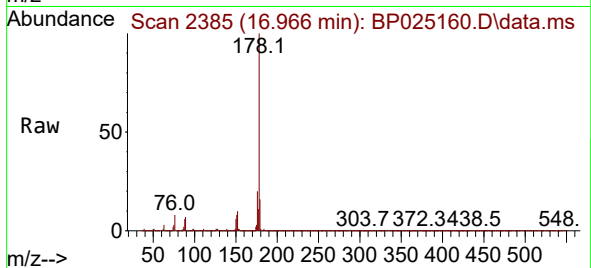
179 15.8 12.6 19.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#72

Anthracene

Concen: 47.378 ng

RT: 17.066 min Scan# 2402

Delta R.T. 0.018 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

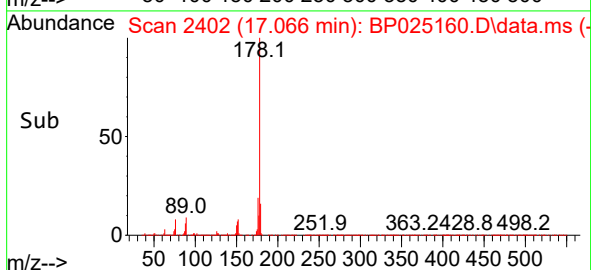
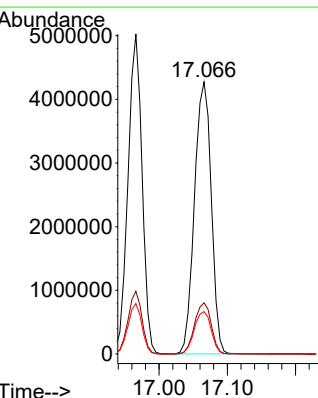
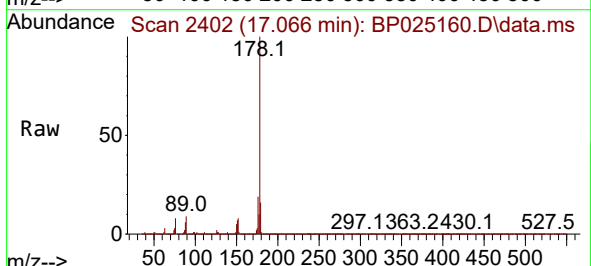
Tgt Ion:178 Resp: 7315237

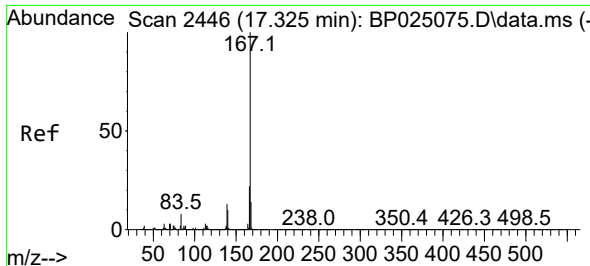
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

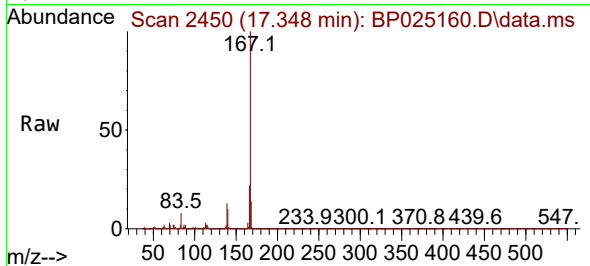
179 15.6 12.5 18.7





#73
Carbazole
Concen: 45.530 ng
RT: 17.348 min Scan# 2446
Delta R.T. 0.024 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

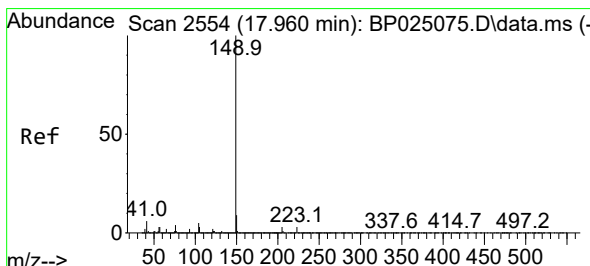
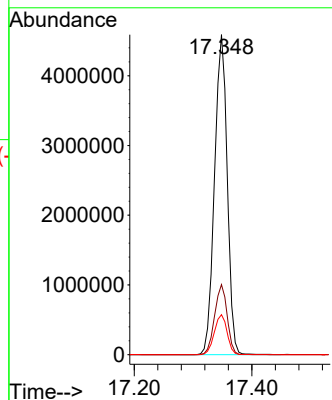
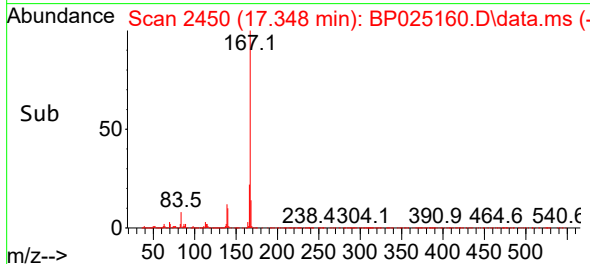
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



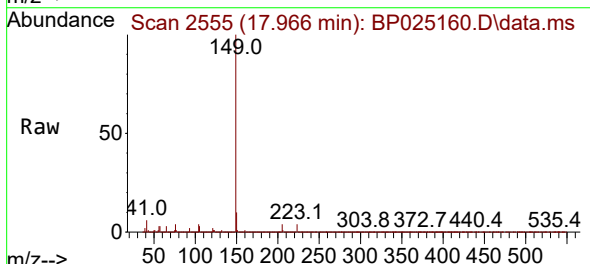
Tgt Ion:167 Resp: 687353
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.0
139 12.5 10.4 15.6

Manual Integrations
APPROVED

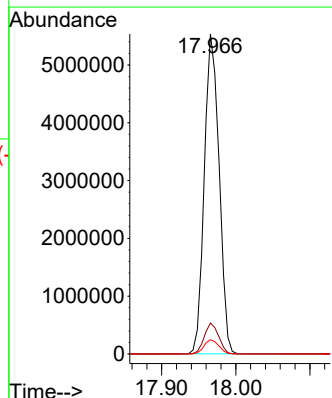
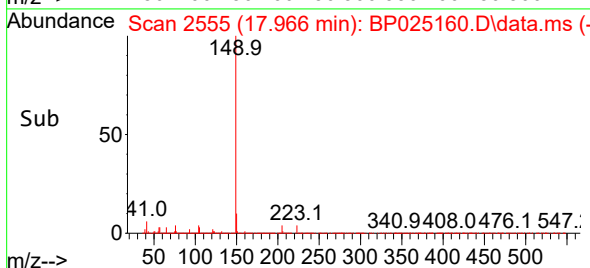
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

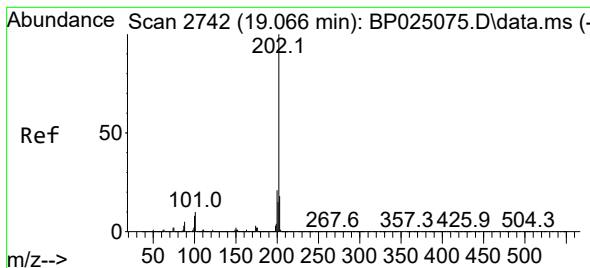


#74
Di-n-butylphthalate
Concen: 45.608 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



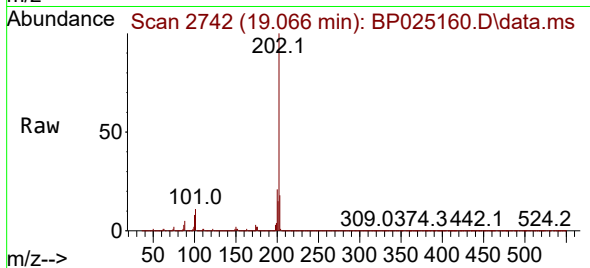
Tgt Ion:149 Resp: 7667267
Ion Ratio Lower Upper
149 100
150 9.7 7.3 10.9
104 4.4 3.8 5.6





#75
Fluoranthene
Concen: 44.160 ng
RT: 19.066 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

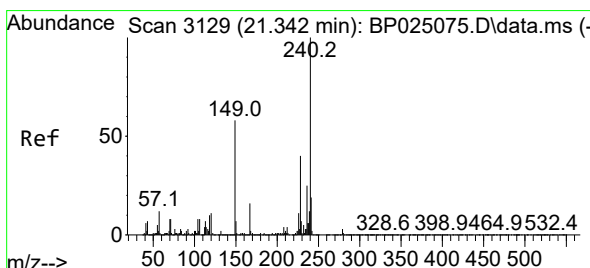
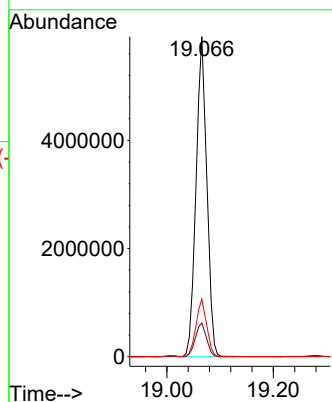
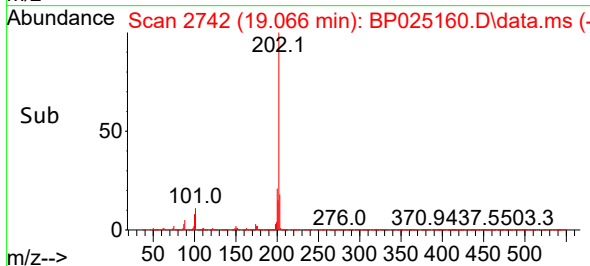
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



Tgt Ion:202 Resp: 830759
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.4
203 18.0 0.0 37.6

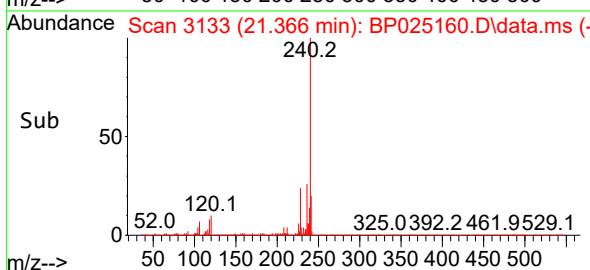
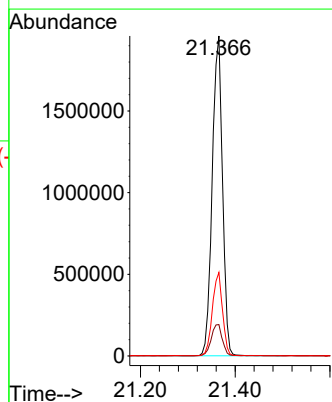
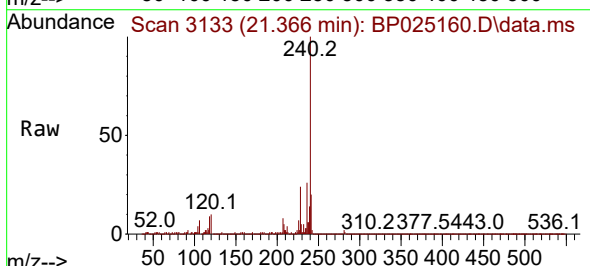
Manual Integrations
APPROVED

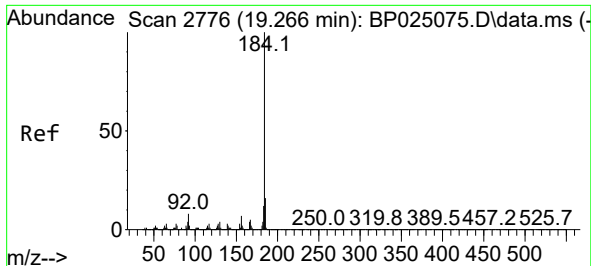
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.366 min Scan# 3133
Delta R.T. 0.024 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

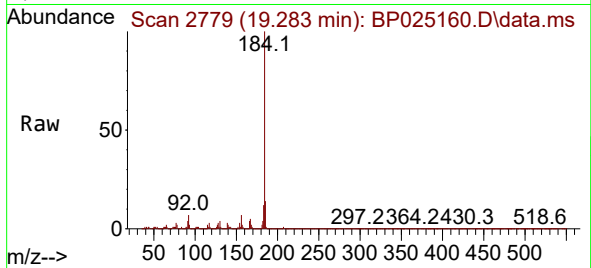
Tgt Ion:240 Resp: 2944568
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.1 20.3 30.5





#77
Benzidine
Concen: 96.021 ng
RT: 19.283 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

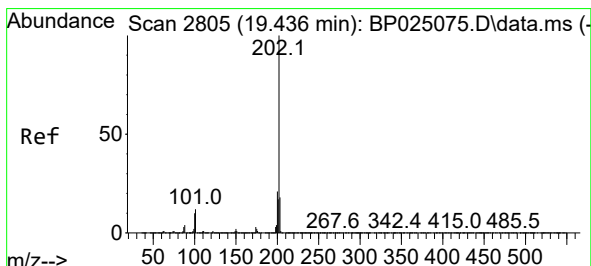
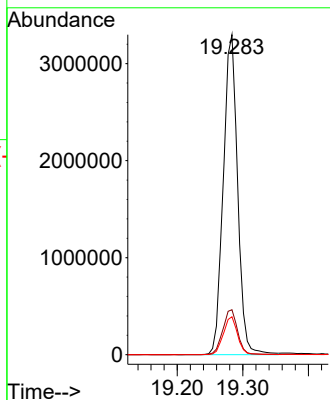
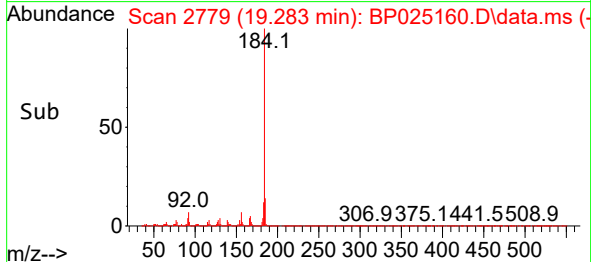
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



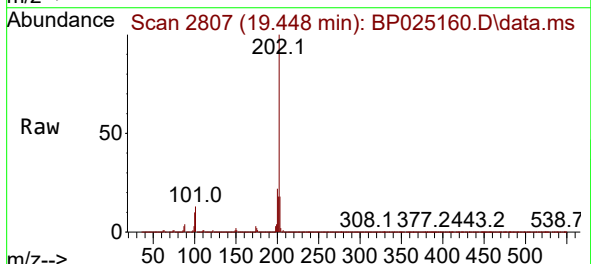
Tgt Ion:184 Resp: 4993570
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.9 9.4 14.2

Manual Integrations
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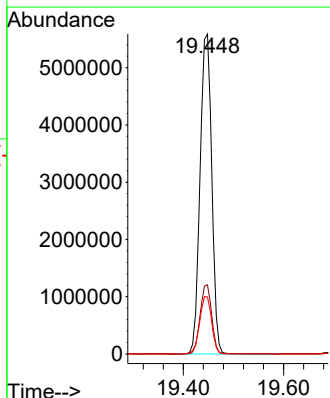
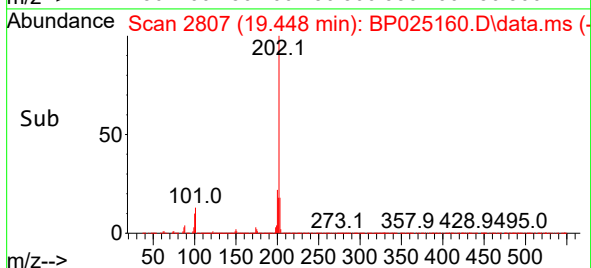
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

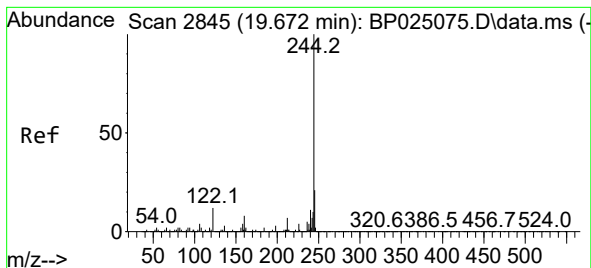


#78
Pyrene
Concen: 49.543 ng
RT: 19.448 min Scan# 2807
Delta R.T. 0.012 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



Tgt Ion:202 Resp: 9035679
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 73.012 ng

RT: 19.689 min Scan# 2848

Delta R.T. 0.018 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:244 Resp: 978198

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

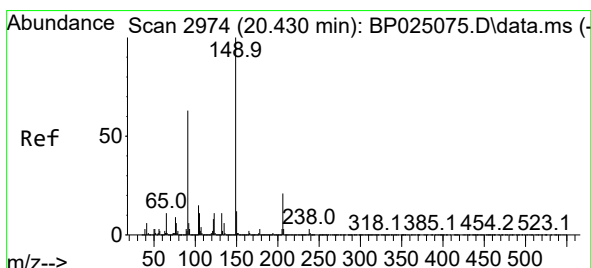
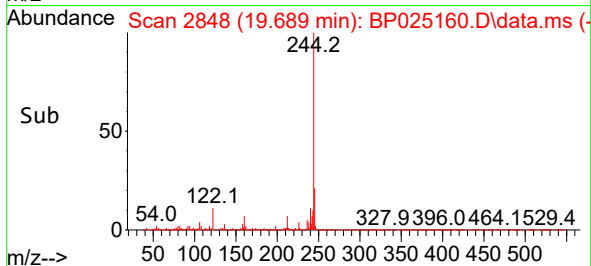
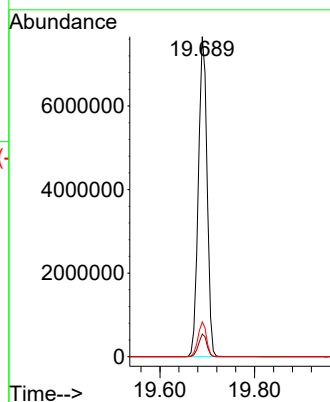
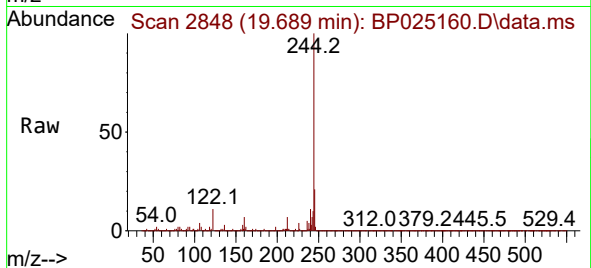
122 10.9 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#80

Butylbenzylphthalate

Concen: 50.656 ng

RT: 20.442 min Scan# 2976

Delta R.T. 0.012 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

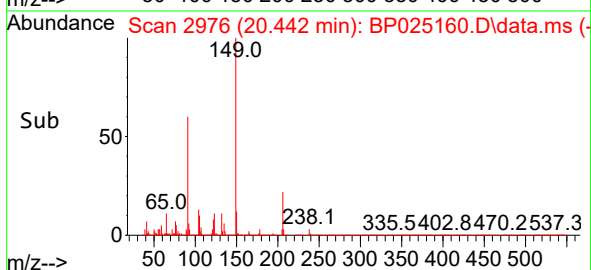
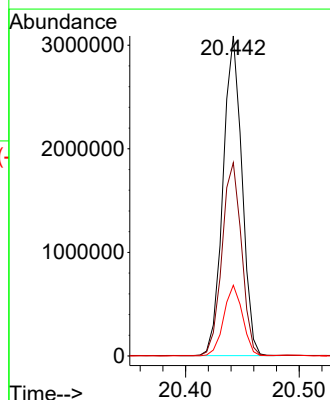
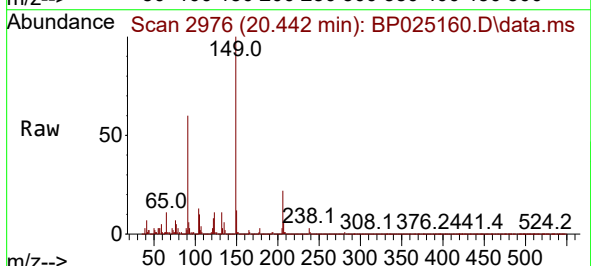
Tgt Ion:149 Resp: 3574983

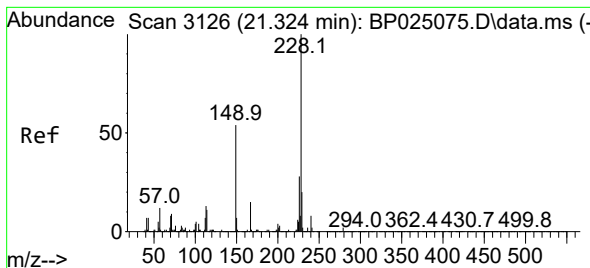
Ion Ratio Lower Upper

149 100

91 60.4 50.6 76.0

206 22.1 17.2 25.8





#81

Benzo(a)anthracene

Concen: 47.420 ng

RT: 21.342 min Scan# 3126

Delta R.T. 0.018 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:228 Resp: 846191

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

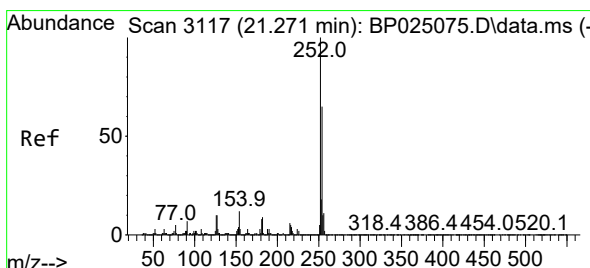
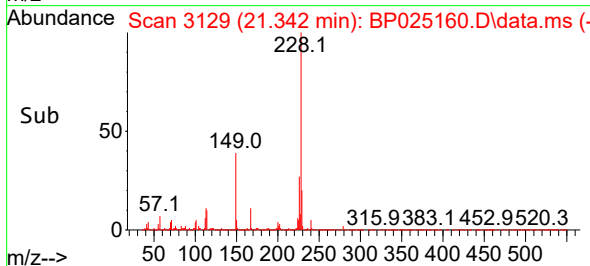
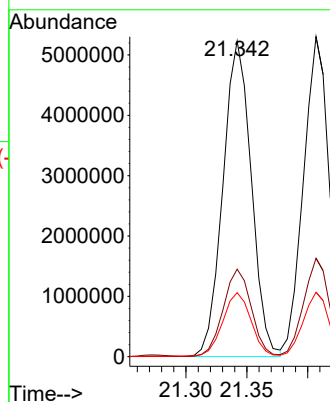
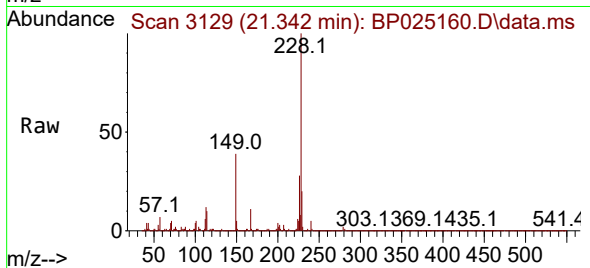
229 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#82

3,3'-Dichlorobenzidine

Concen: 50.264 ng

RT: 21.271 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

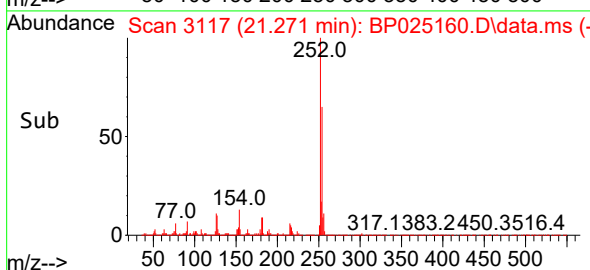
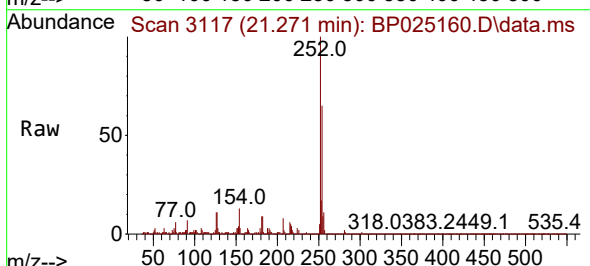
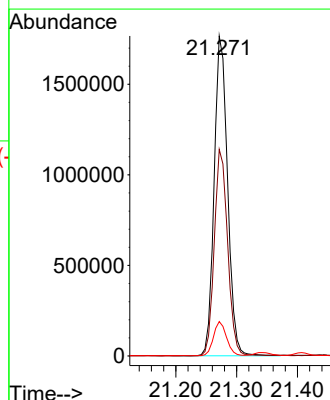
Tgt Ion:252 Resp: 2700101

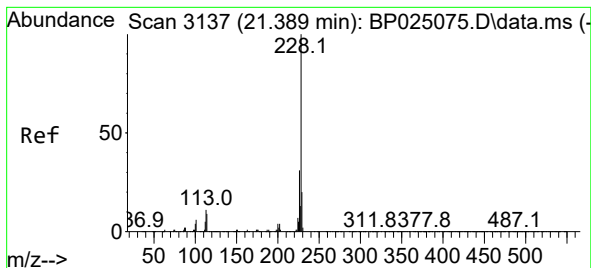
Ion Ratio Lower Upper

252 100

254 64.6 51.9 77.9

126 10.7 8.1 12.1





#83

Chrysene

Concen: 45.391 ng

RT: 21.407 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:228 Resp: 7794704

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

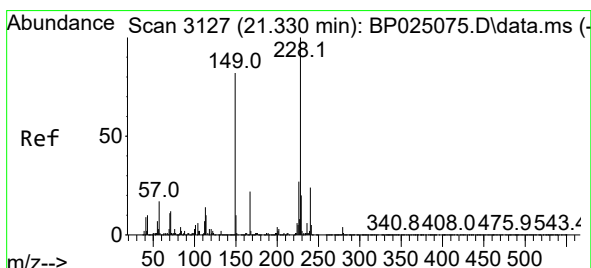
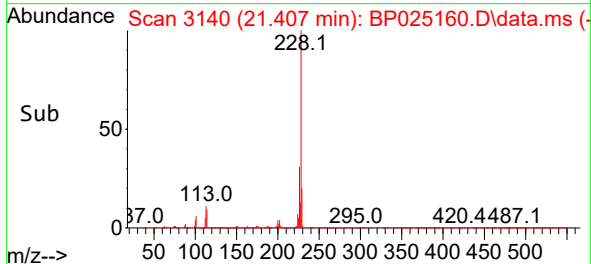
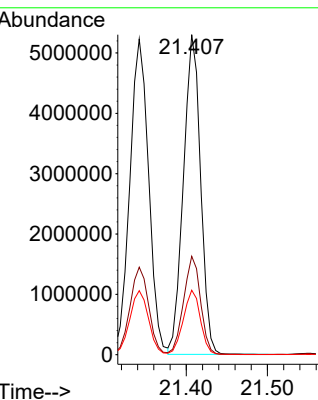
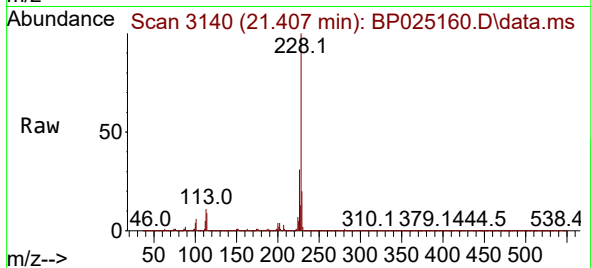
229 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.677 ng

RT: 21.330 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

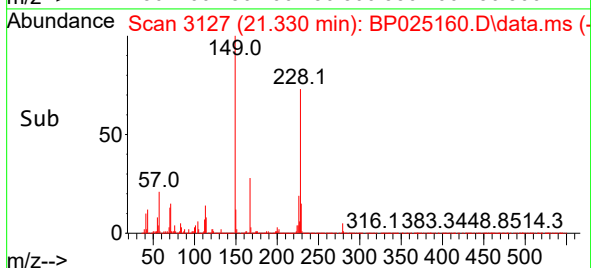
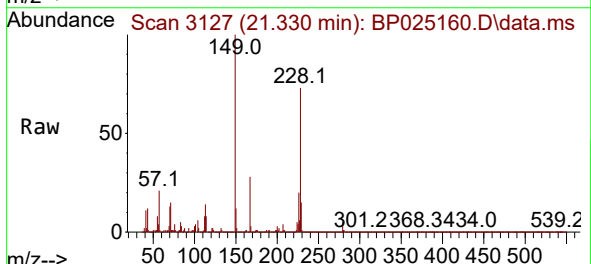
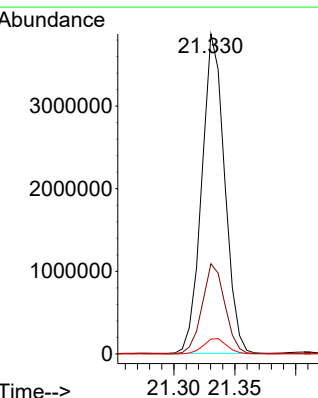
Tgt Ion:149 Resp: 5042006

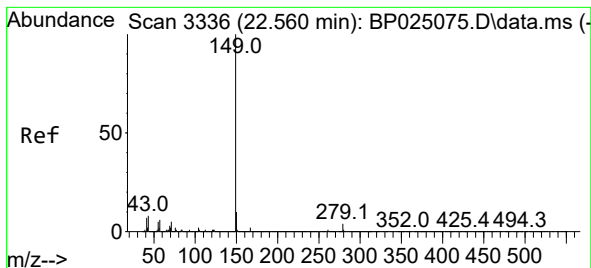
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.122 ng

RT: 22.548 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025160.D

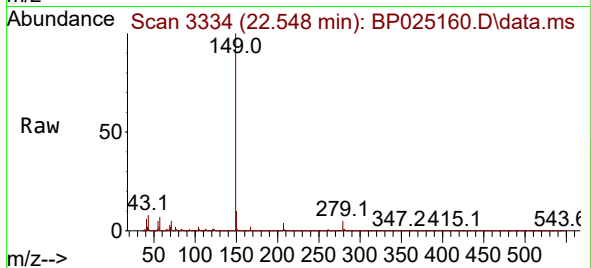
Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD



Tgt Ion:149 Resp: 965516

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

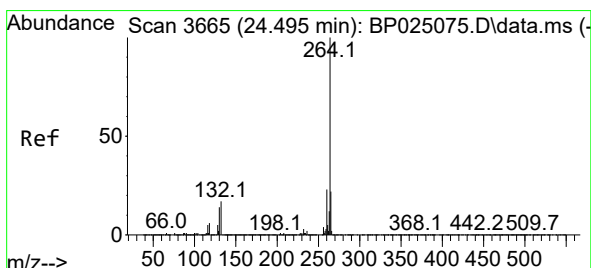
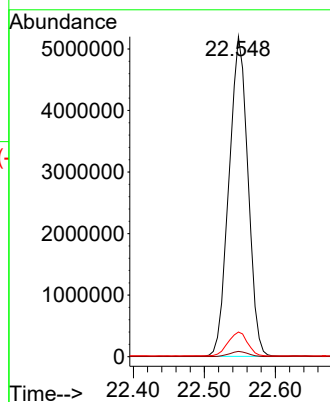
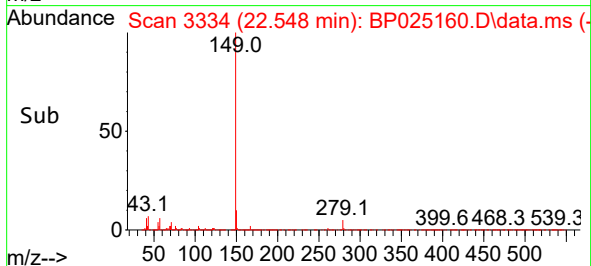
43 7.6 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.501 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

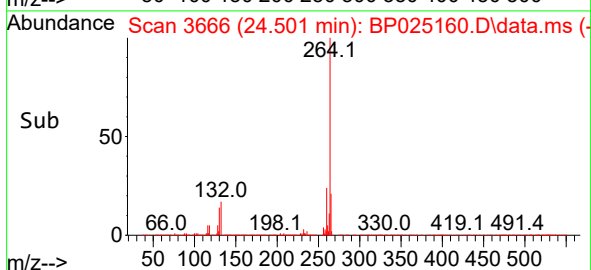
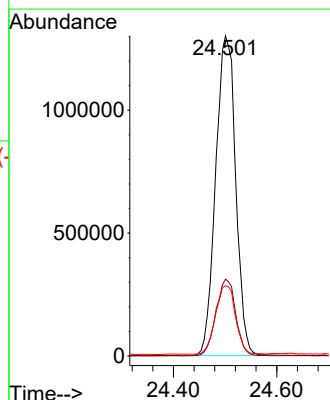
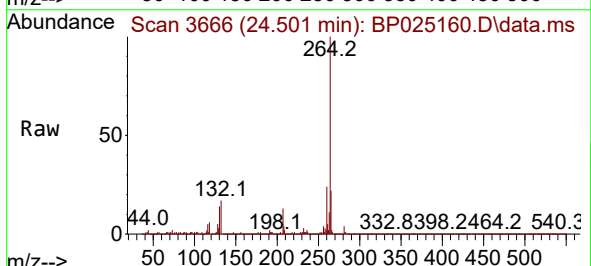
Tgt Ion:264 Resp: 3502501

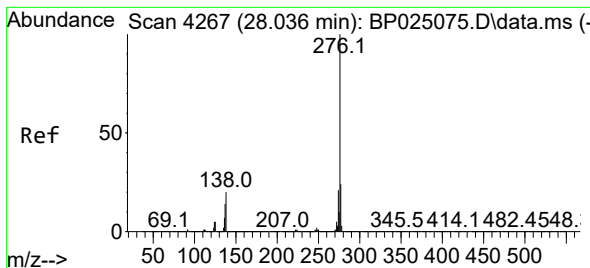
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 21.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.014 ng m

RT: 28.059 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:276 Resp:1182895

Ion Ratio Lower Upper

276 100

138 0.0 13.0 19.6

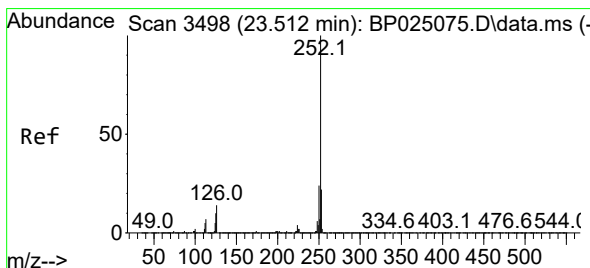
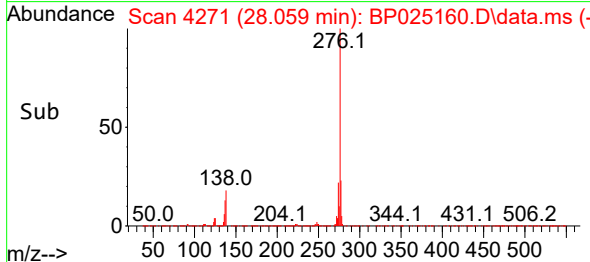
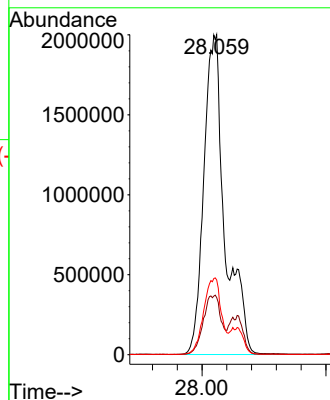
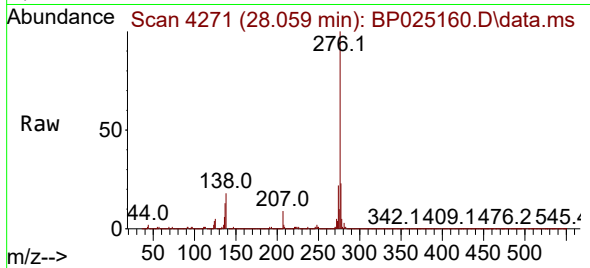
277 20.2 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#88

Benzo(b)fluoranthene

Concen: 46.103 ng

RT: 23.524 min Scan# 3500

Delta R.T. 0.012 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

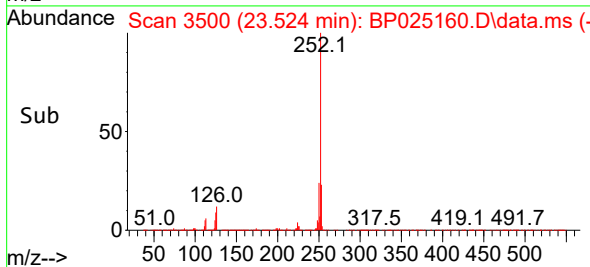
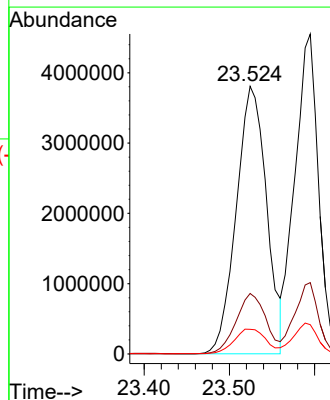
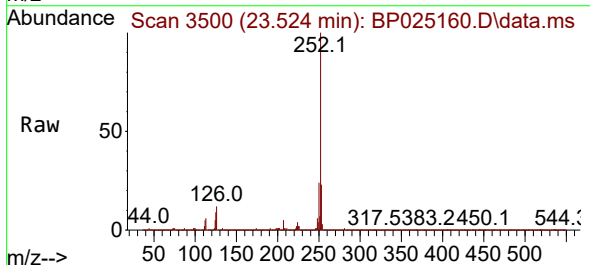
Tgt Ion:252 Resp: 9398618

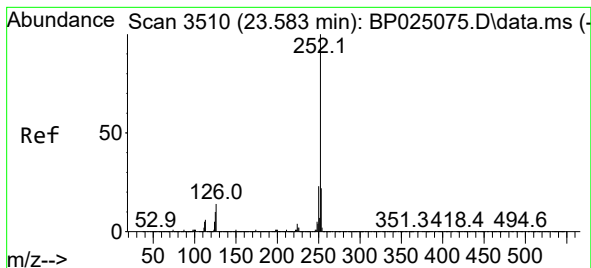
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 9.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.095 ng

RT: 23.595 min Scan# 3510

Delta R.T. 0.012 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TP-16MSD

Tgt Ion:252 Resp: 8741479

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

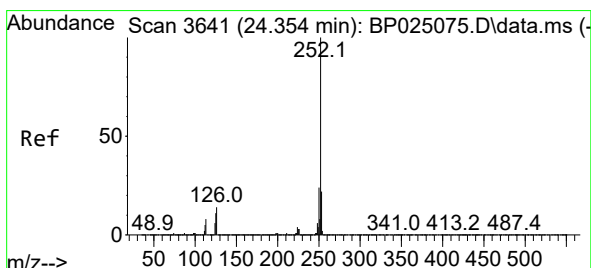
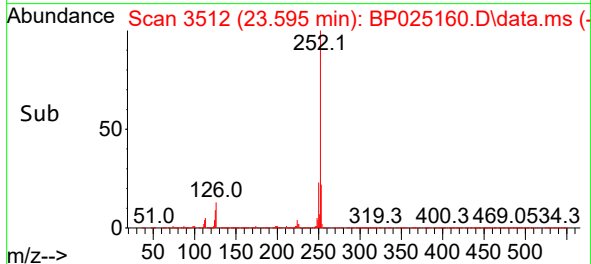
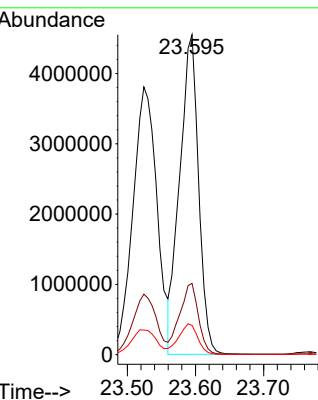
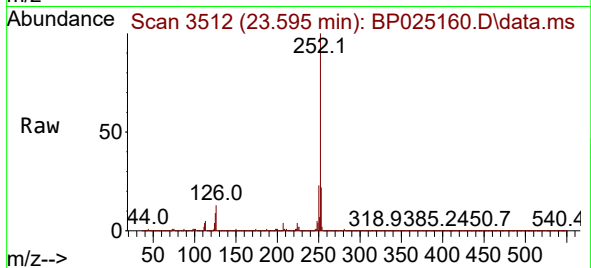
125 9.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#90

Benzo(a)pyrene

Concen: 52.506 ng

RT: 24.365 min Scan# 3643

Delta R.T. 0.012 min

Lab File: BP025160.D

Acq: 16 Jul 2025 16:12

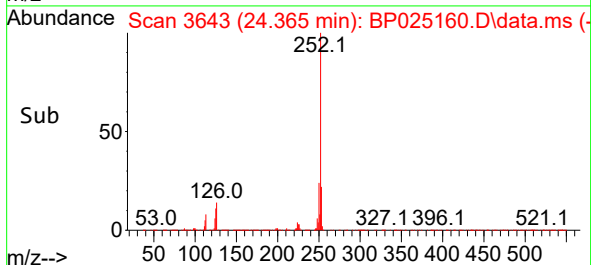
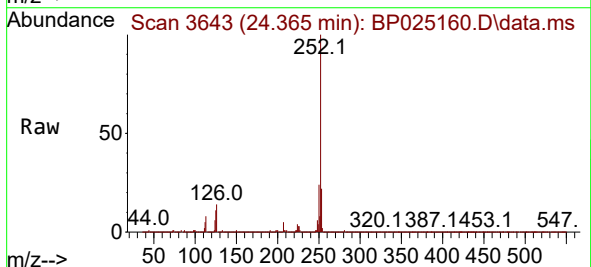
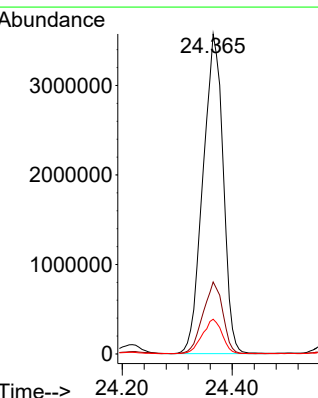
Tgt Ion:252 Resp: 9110282

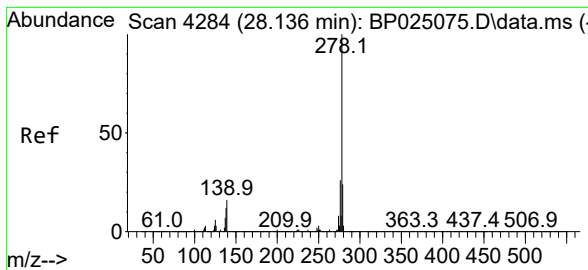
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

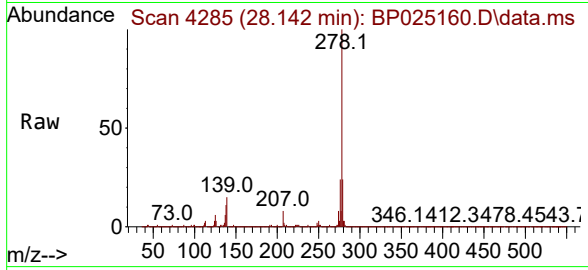
125 10.8 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 51.024 ng
RT: 28.142 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12

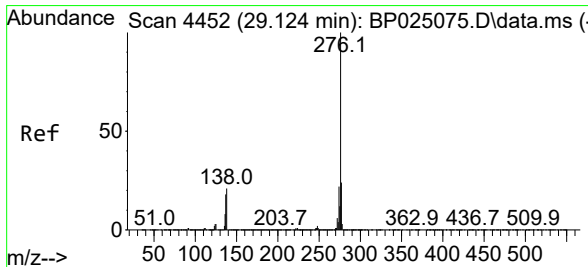
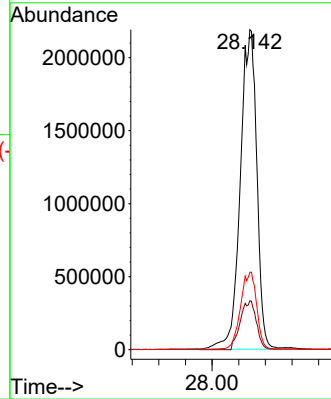
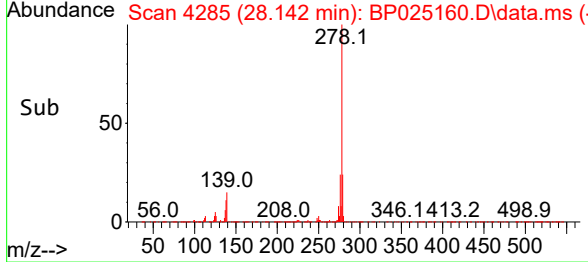
Instrument :
BNA_P
ClientSampleId :
TP-16MSD



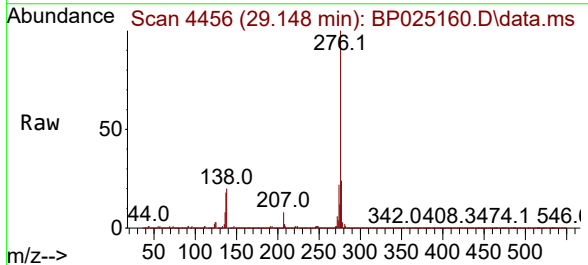
Tgt Ion: 278 Resp: 941079
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 24.2 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#92
Benzo(g,h,i)perylene
Concen: 50.054 ng
RT: 29.148 min Scan# 4456
Delta R.T. 0.024 min
Lab File: BP025160.D
Acq: 16 Jul 2025 16:12



Tgt Ion: 276 Resp: 9536802
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 19.7 16.9 25.3

