

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025159.D
 Acq On : 16 Jul 2025 15:31
 Operator : CG/JU
 Sample : Q2586-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-16MS

Quant Time: Jul 16 15:55:13 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	7.437	152	699887	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2737740	20.000	ng	0.01
39) Acenaphthene-d10	14.101	164	1588530	20.000	ng	0.01
64) Phenanthrene-d10	16.931	188	3146715	20.000	ng	0.02
76) Chrysene-d12	21.354	240	3051037	20.000	ng	0.01
86) Perylene-d12	24.495	264	3895621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3962730	100.321	ng	0.00
7) Phenol-d6	6.643	99	5075891	98.471	ng	0.01
23) Nitrobenzene-d5	8.572	82	2831032	68.771	ng	0.00
42) 2,4,6-Tribromophenol	15.631	330	2573210	137.122	ng	0.01
45) 2-Fluorobiphenyl	12.707	172	7110551	69.344	ng	0.01
79) Terphenyl-d14	19.683	244	10505149	75.673	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	559528	36.428	ng	99
3) Pyridine	3.490	79	1565095	37.218	ng	98
4) n-Nitrosodimethylamine	3.402	42	705031	39.597	ng	93
6) Aniline	6.784	93	1991197	41.344	ng	99
8) 2-Chlorophenol	7.019	128	2089550	47.280	ng	97
9) Benzaldehyde	6.602	77	1143440	42.475	ng	96
10) Phenol	6.666	94	2382854	45.495	ng	97
11) bis(2-Chloroethyl)ether	6.884	93	1725146	42.798	ng	98
12) 1,3-Dichlorobenzene	7.331	146	2176101	43.995	ng	99
13) 1,4-Dichlorobenzene	7.472	146	2225848	44.447	ng	99
14) 1,2-Dichlorobenzene	7.784	146	2137662	44.374	ng	100
15) Benzyl Alcohol	7.678	79	1584473	46.054	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.961	45	2226490	42.480	ng	99
17) 2-Methylphenol	7.884	107	1649678	48.896	ng	100
18) Hexachloroethane	8.502	117	762146	46.717	ng	97
19) n-Nitroso-di-n-propyla...	8.243	70	1274881	41.703	ng	96
20) 3+4-Methylphenols	8.208	107	2218766	46.951	ng	99
22) Acetophenone	8.249	105	2754474	42.542	ng	97
24) Nitrobenzene	8.613	77	1883671	44.923	ng	94
25) Isophorone	9.143	82	3623072	47.095	ng	98
26) 2-Nitrophenol	9.313	139	1117472	54.443	ng	97
27) 2,4-Dimethylphenol	9.390	122	1898633	66.160	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	2315649	44.330	ng	99
29) 2,4-Dichlorophenol	9.849	162	1982098	49.811	ng	100
30) 1,2,4-Trichlorobenzene	10.055	180	2044023	46.385	ng	100
31) Naphthalene	10.243	128	6095163	43.237	ng	100
32) Benzoic acid	9.555	122	1600146	54.804	ng	97
33) 4-Chloroaniline	10.349	127	1222027	23.228	ng	99
34) Hexachlorobutadiene	10.543	225	1211774	47.919	ng	100
35) Caprolactam	11.143	113	620106m	45.552	ng	
36) 4-Chloro-3-methylphenol	11.496	107	1929471	46.399	ng	99
37) 2-Methylnaphthalene	11.866	142	3895659	39.166	ng	99
38) 1-Methylnaphthalene	12.096	142	4077893	42.037	ng	99
40) 1,2,4,5-Tetrachloroben...	12.249	216	2259295	49.487	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2567527	215.306	ng	98
43) 2,4,6-Trichlorophenol	12.496	196	1617173	58.499	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	1777151	56.725	ng	98
46) 1,1'-Biphenyl	12.907	154	5182346	44.838	ng	100
47) 2-Chloronaphthalene	12.943	162	4042071	46.530	ng	99
48) 2-Nitroaniline	13.154	65	1028349	48.306	ng	91
49) Acenaphthylene	13.813	152	6635026	49.903	ng	100
50) Dimethylphthalate	13.566	163	5001958	44.983	ng	99
51) 2,6-Dinitrotoluene	13.672	165	1115531	51.438	ng	97
52) Acenaphthene	14.160	154	3753533	43.801	ng	99
53) 3-Nitroaniline	14.001	138	859138	36.966	ng	99
54) 2,4-Dinitrophenol	14.219	184	1308940	120.570	ng	92
55) Dibenzofuran	14.507	168	6409217	45.319	ng	100
56) 4-Nitrophenol	14.348	139	2278608	106.238	ng	94
57) 2,4-Dinitrotoluene	14.484	165	1647416	51.553	ng	92
58) Fluorene	15.184	166	5136779	46.959	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1525330	53.764	ng	96
60) Diethylphthalate	14.972	149	5315209	47.591	ng	99
61) 4-Chlorophenyl-phenyle...	15.184	204	2600760	48.042	ng	98
62) 4-Nitroaniline	15.201	138	1251716	51.362	ng	96
63) Azobenzene	15.484	77	4776043	48.023	ng	97
65) 4,6-Dinitro-2-methylph...	15.260	198	926880	62.784	ng	96
66) n-Nitrosodiphenylamine	15.401	169	4655642	51.698	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1762530	54.705	ng	99
68) Hexachlorobenzene	16.207	284	2099680	53.318	ng	97
69) Atrazine	16.401	200	1651327	62.577	ng	99
70) Pentachlorophenol	16.578	266	2867779	107.829	ng	99
71) Phenanthrene	16.972	178	7523533	44.745	ng	100
72) Anthracene	17.060	178	7513699	46.579	ng	100
73) Carbazole	17.342	167	7038321	44.625	ng	100
74) Di-n-butylphthalate	17.966	149	8615571	49.054	ng	99
75) Fluoranthene	19.078	202	9502502	48.349	ng	99
77) Benzidine	19.272	184	4901681	90.965	ng	98
78) Pyrene	19.448	202	9822297	51.977	ng	99
80) Butylbenzylphthalate	20.436	149	4067605	55.264	ng	99
81) Benzo(a)anthracene	21.336	228	8880050	48.027	ng	99
82) 3,3'-Dichlorobenzidine	21.272	252	2778197	49.913	ng	99
83) Chrysene	21.407	228	8308979	46.697	ng	100
84) Bis(2-ethylhexyl)phtha...	21.325	149	5528915	55.748	ng	98
85) Di-n-octyl phthalate	22.548	149	9583181	52.100	ng	97
87) Indeno(1,2,3-cd)pyrene	28.065	276	13331323m	53.718	ng	
88) Benzo(b)fluoranthene	23.524	252	9867684	43.519	ng	99
89) Benzo(k)fluoranthene	23.583	252	9781346	43.355	ng	99
90) Benzo(a)pyrene	24.360	252	9872374	51.157	ng	99
91) Dibenzo(a,h)anthracene	28.136	278	10608175	51.712	ng	99
92) Benzo(g,h,i)perylene	29.136	276	10744660	50.702	ng	99

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

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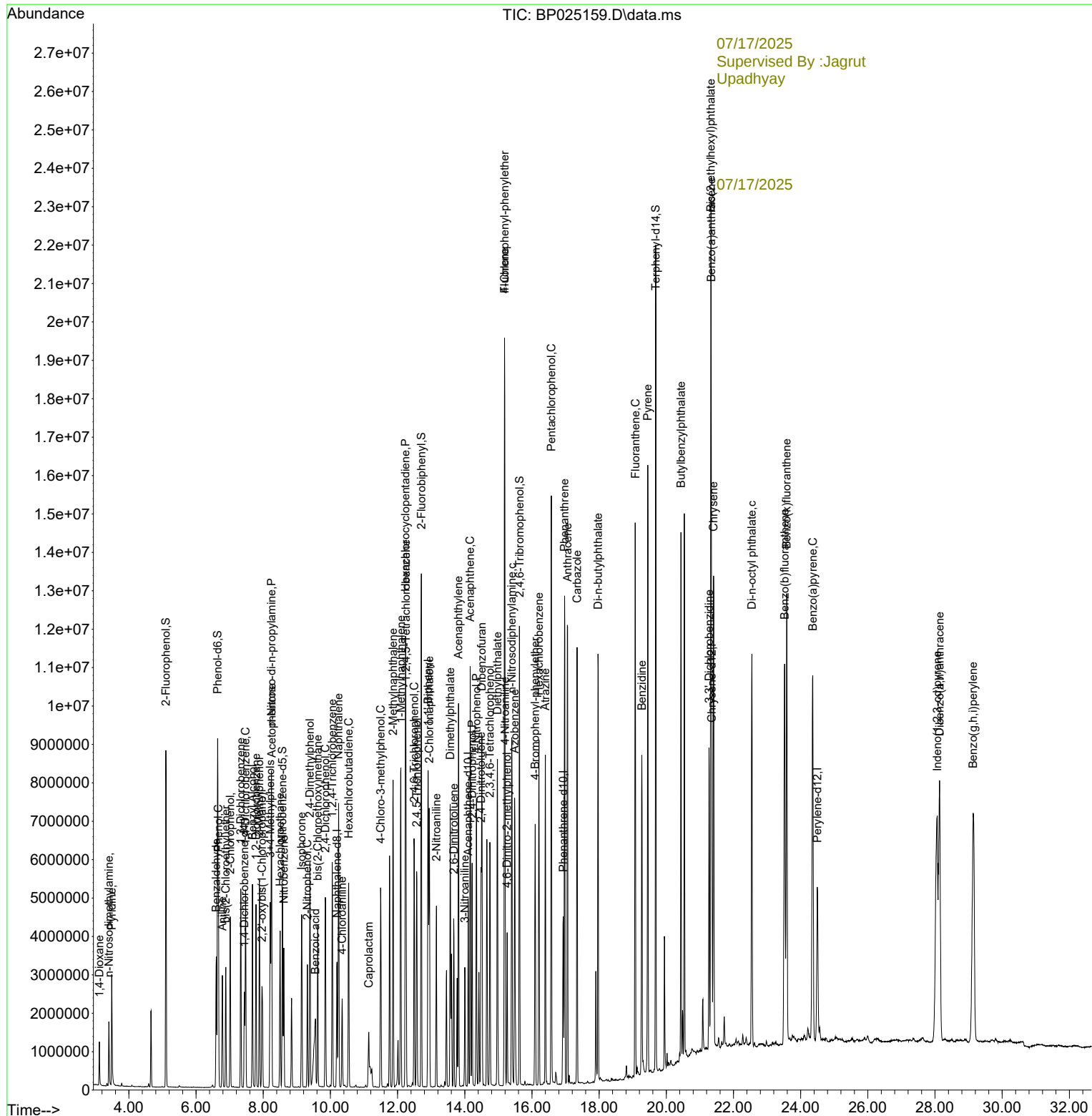
Quant Time: Jul 16 15:55:13 2025

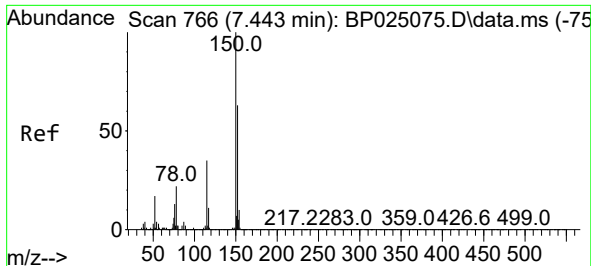
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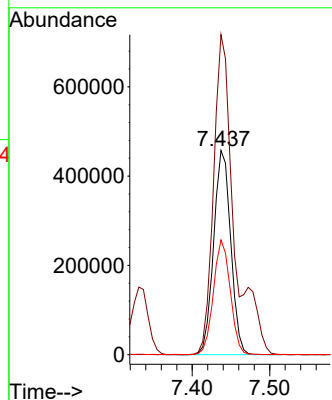
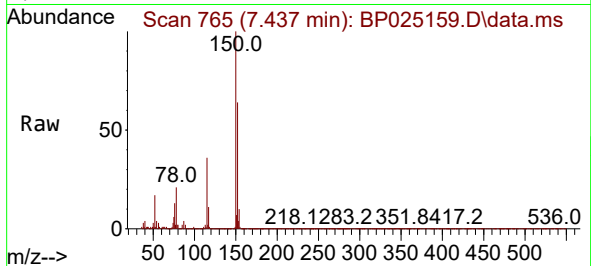
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Instrument :
BNA_P
ClientSampleId :
TP-16MS

Tgt Ion:152 Resp: 69988
Ion Ratio Lower Upper
152 100
150 156.8 126.1 189.1
115 56.2 44.3 66.5

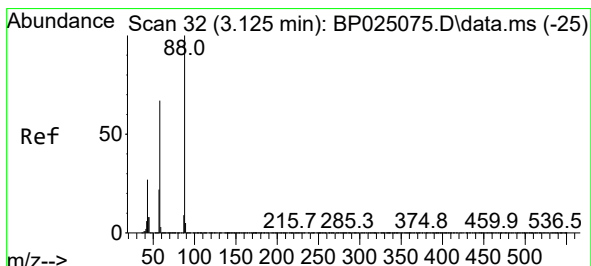
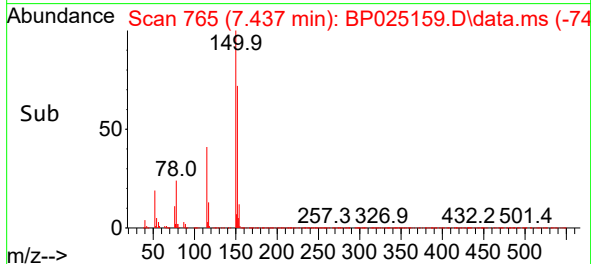
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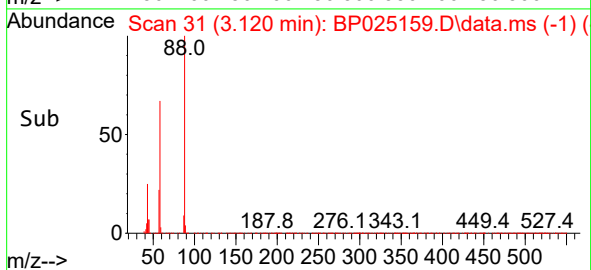
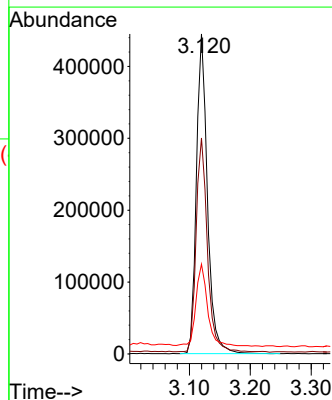
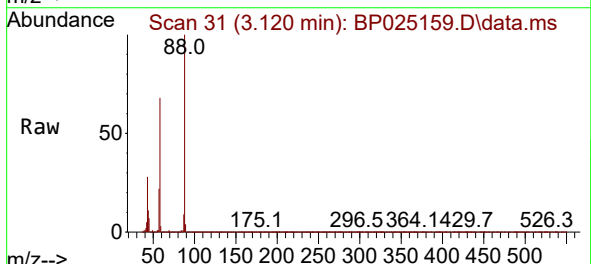
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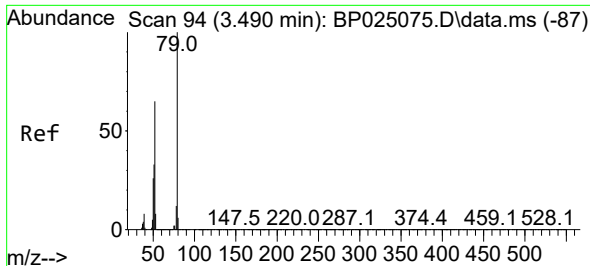
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#2
1,4-Dioxane
Concen: 36.428 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

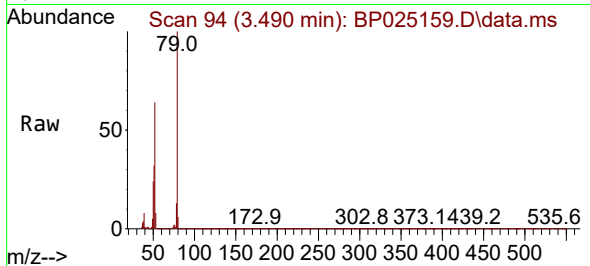
Tgt Ion: 88 Resp: 559528
Ion Ratio Lower Upper
88 100
58 69.0 55.0 82.4
43 27.8 21.9 32.9





#3
Pyridine
Concen: 37.218 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

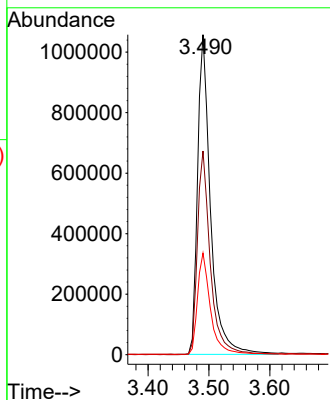
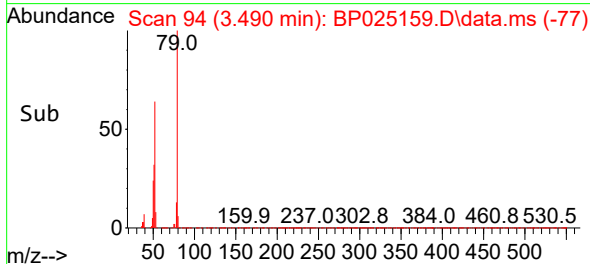
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion: 79 Resp: 156509
Ion Ratio Lower Upper
79 100
52 63.7 52.2 78.4
51 31.8 26.8 40.2

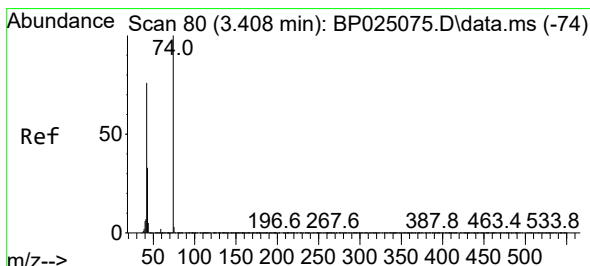
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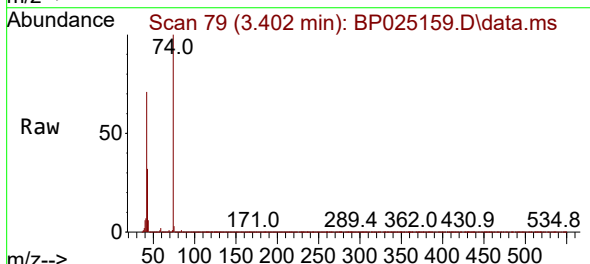


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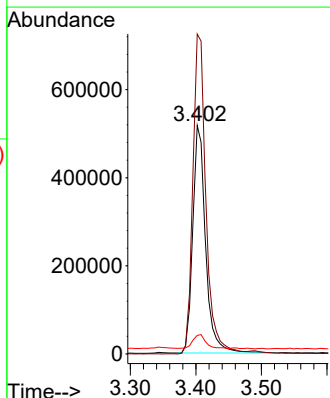
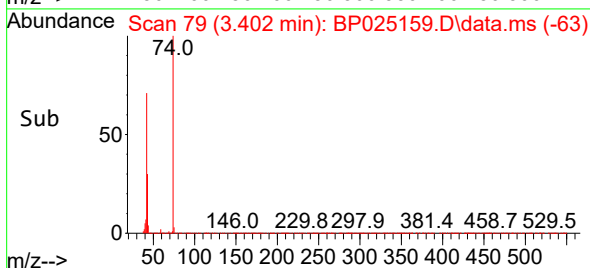
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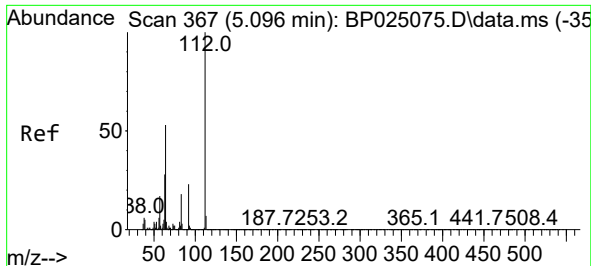


#4
n-Nitrosodimethylamine
Concen: 39.597 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



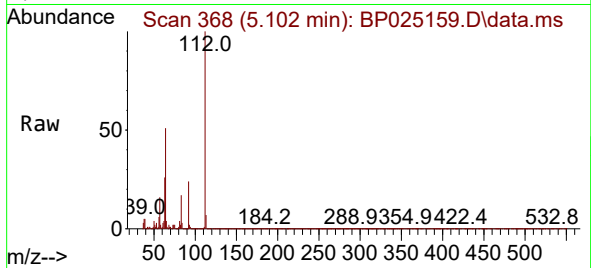
Tgt Ion: 42 Resp: 705031
Ion Ratio Lower Upper
42 100
74 140.0 105.2 157.8
44 8.1 6.6 9.8





#5
2-Fluorophenol
Concen: 100.321 ng
RT: 5.102 min Scan# 367
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

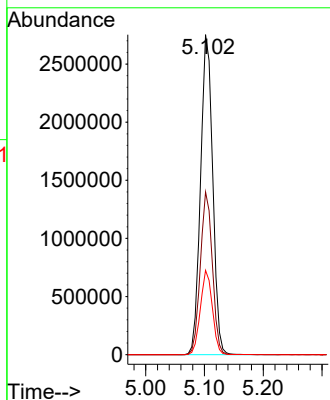
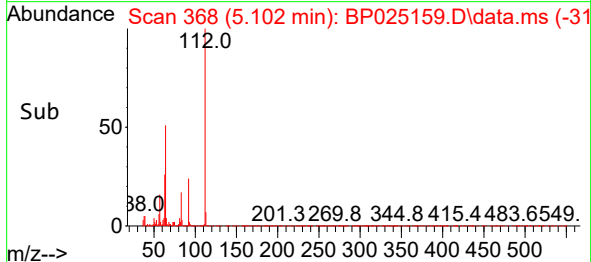
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion: 112 Resp: 3962730
Ion Ratio Lower Upper
112 100
64 50.8 42.0 63.0
63 26.4 22.2 33.2

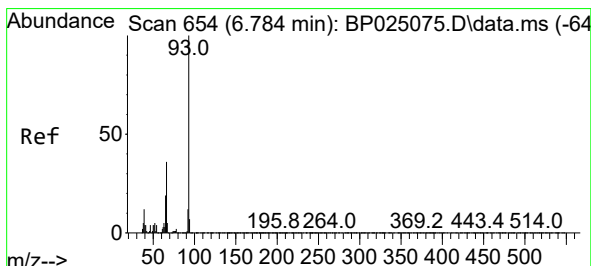
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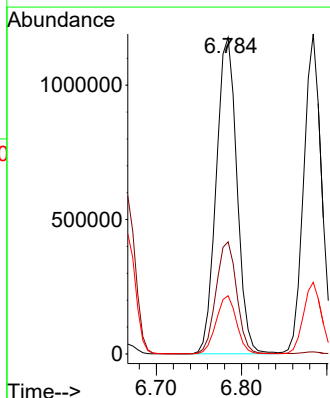
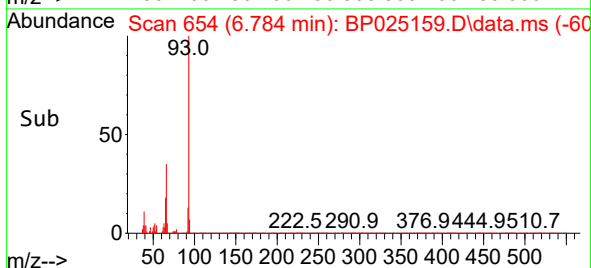
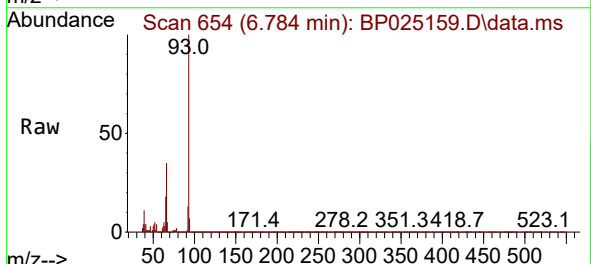
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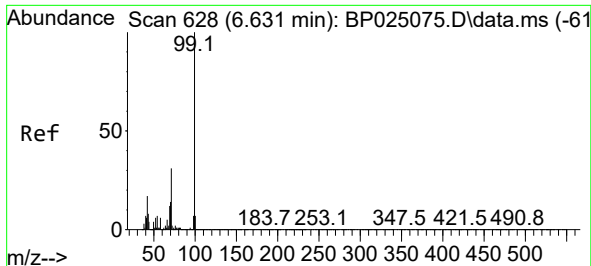
07/17/2025



#6
Aniline
Concen: 41.344 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Tgt Ion: 93 Resp: 1991197
Ion Ratio Lower Upper
93 100
66 35.5 28.9 43.3
65 18.4 15.2 22.8





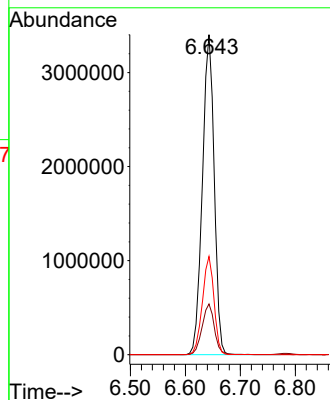
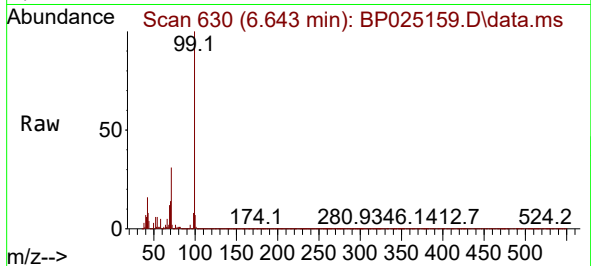
#7
Phenol-d6
Concen: 98.471 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Instrument :
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Tgt Ion: 99 Resp: 507589
Ion Ratio Lower Upper
99 100
42 15.8 13.6 20.4
71 30.7 24.4 36.6

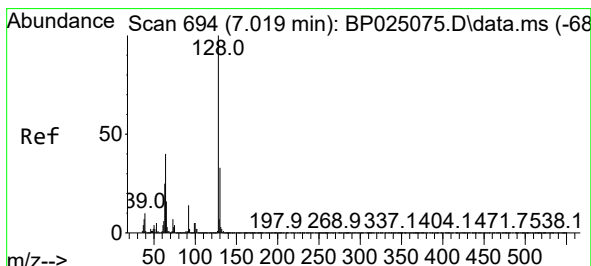
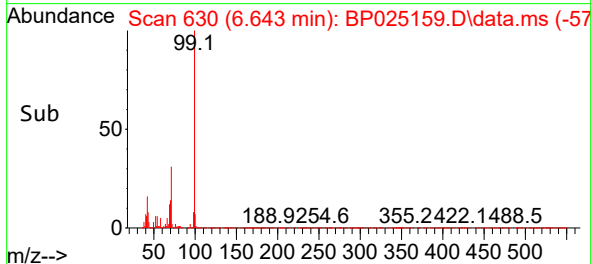
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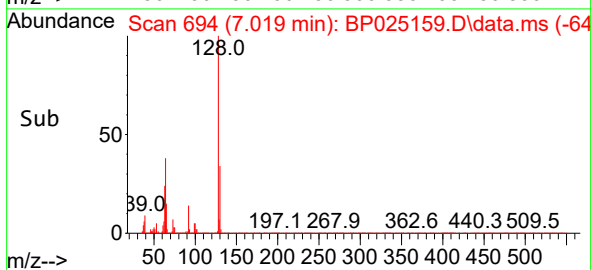
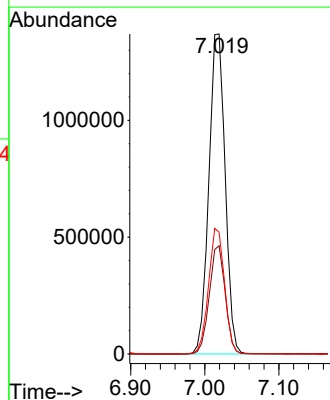
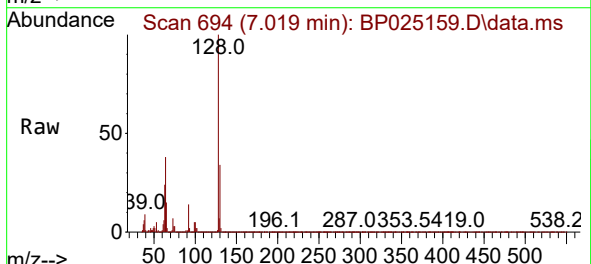
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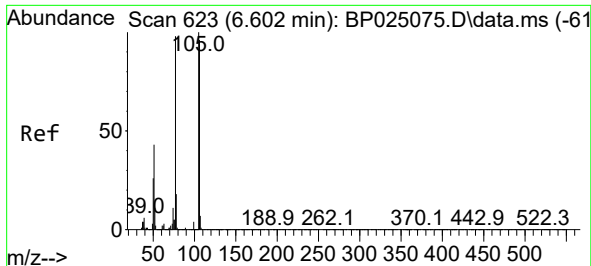
07/17/2025



#8
2-Chlorophenol
Concen: 47.280 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025159.D
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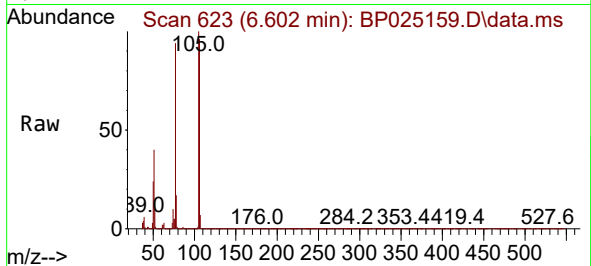
Tgt Ion:128 Resp: 2089550
Ion Ratio Lower Upper
128 100
130 33.8 12.9 52.9
64 38.1 20.3 60.3





#9
Benzaldehyde
Concen: 42.475 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025159.D
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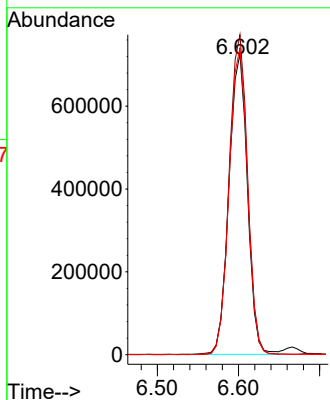
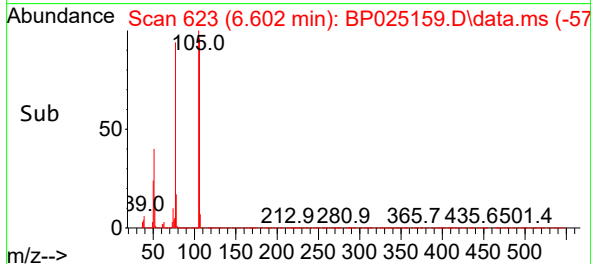
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Tgt Ion: 77 Resp: 1143440
Ion Ratio Lower Upper
77 100
105 106.3 82.4 122.4
106 102.0 78.3 118.3

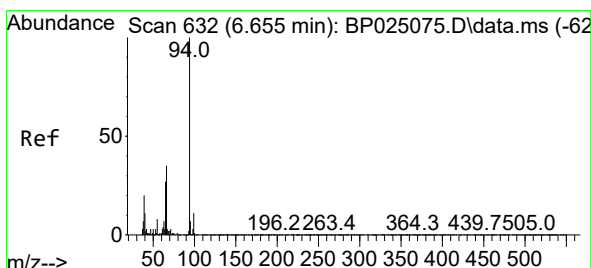
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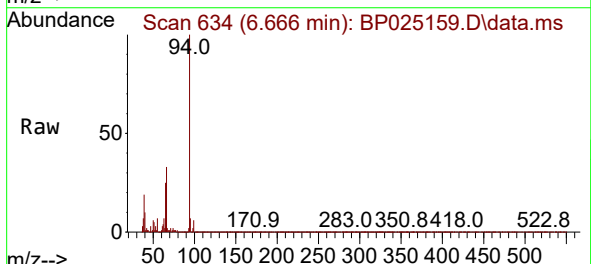


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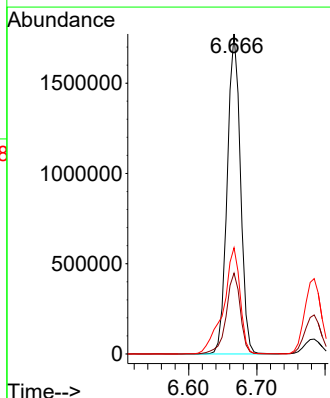
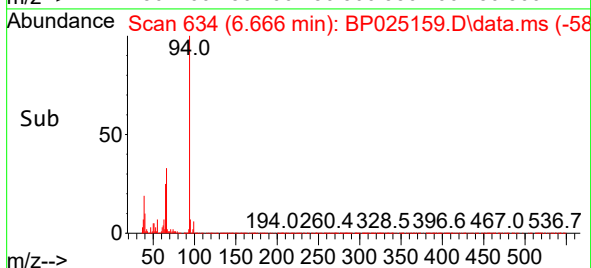
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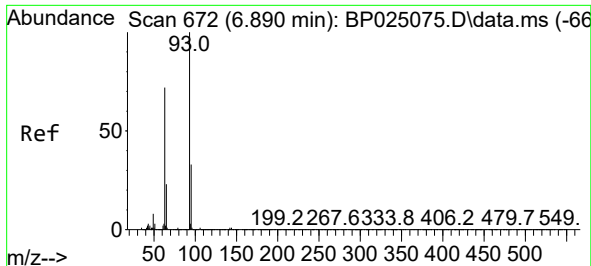


#10
Phenol
Concen: 45.495 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



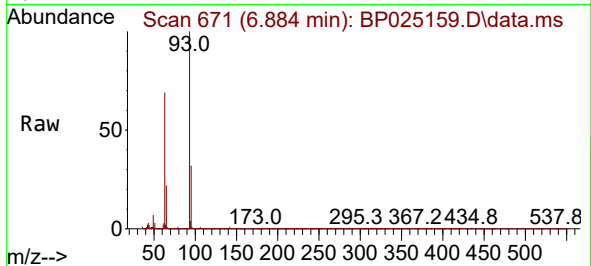
Tgt Ion: 94 Resp: 2382854
Ion Ratio Lower Upper
94 100
65 25.2 6.9 46.9
66 33.2 14.6 54.6





#11
bis(2-Chloroethyl)ether
Concen: 42.798 ng
RT: 6.884 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

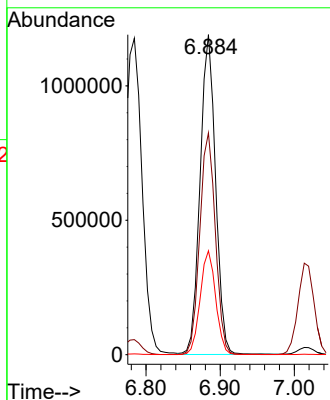
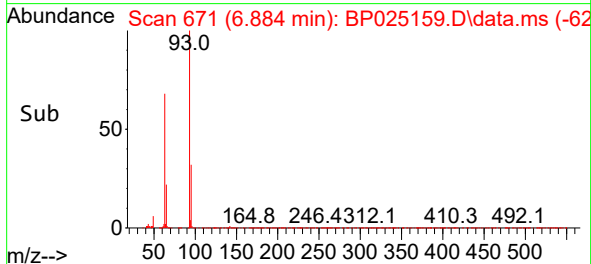
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion: 93 Resp: 1725140
Ion Ratio Lower Upper
93 100
63 69.3 51.9 91.9
95 32.5 12.4 52.4

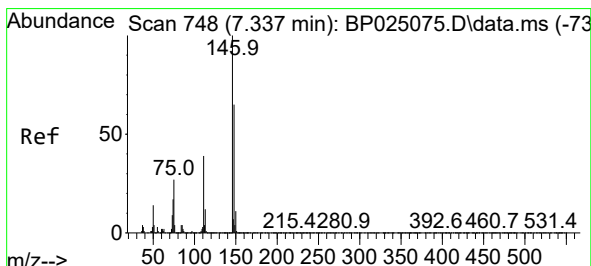
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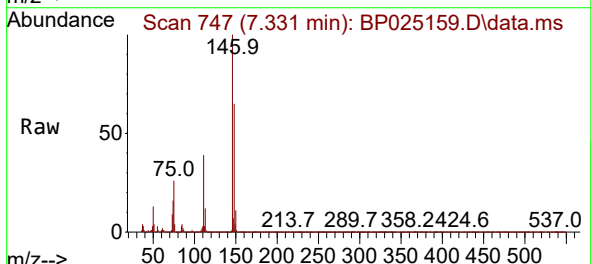


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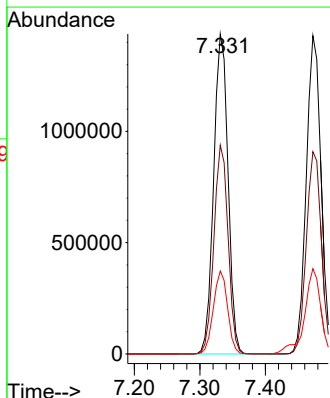
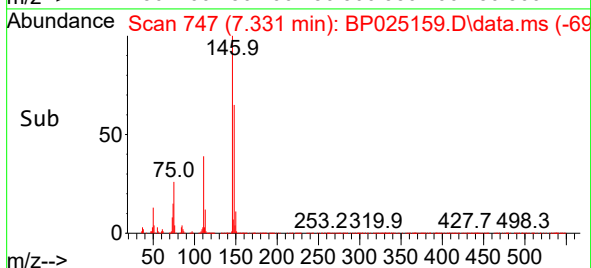
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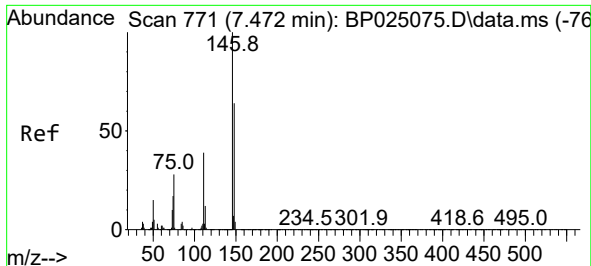


#12
1,3-Dichlorobenzene
Concen: 43.995 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



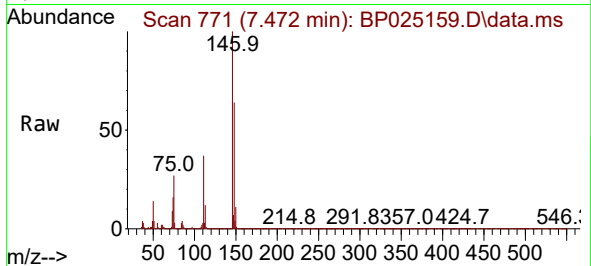
Tgt Ion:146 Resp: 2176101
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 26.0 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 44.447 ng
RT: 7.472 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

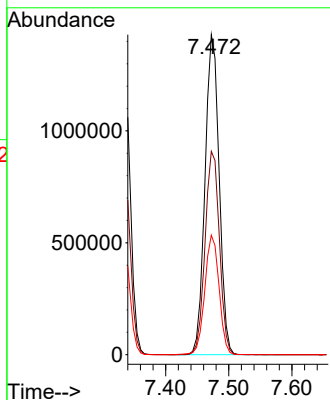
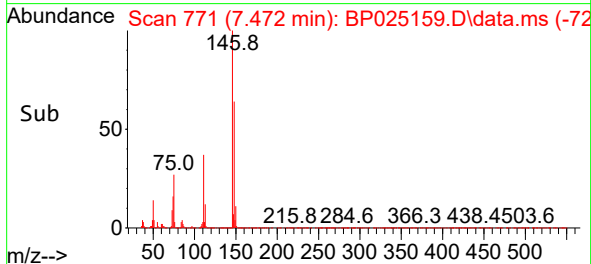
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:146 Resp: 222584
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 37.4 31.2 46.8

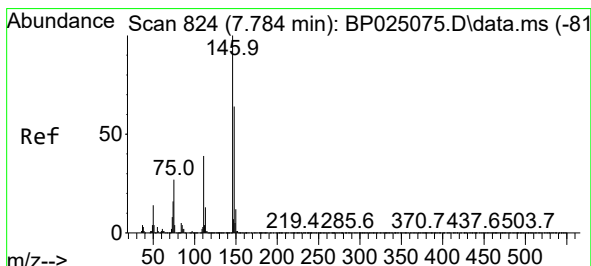
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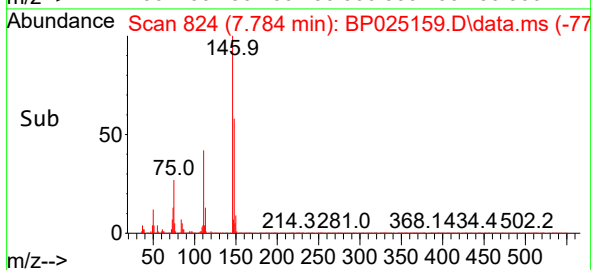
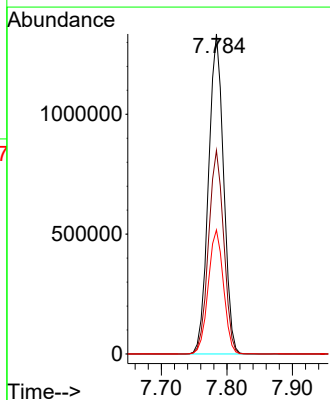
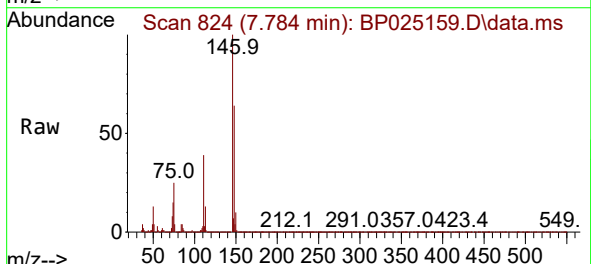
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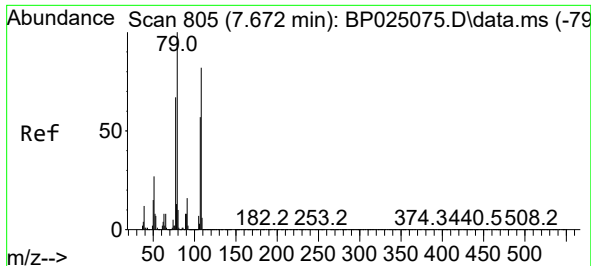
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#14
1,2-Dichlorobenzene
Concen: 44.374 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

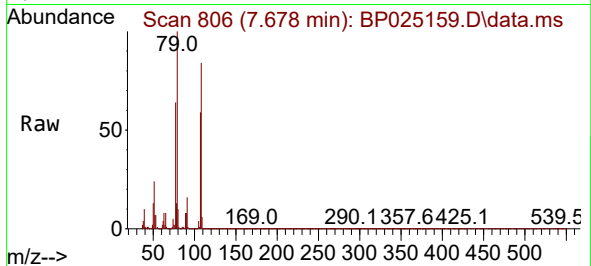
Tgt Ion:146 Resp: 2137662
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 38.7 31.2 46.8





#15
Benzyl Alcohol
Concen: 46.054 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

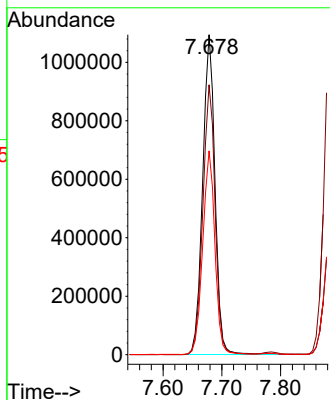
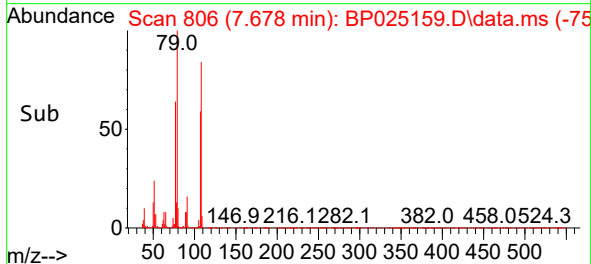
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion: 79 Resp: 158447
Ion Ratio Lower Upper
79 100
108 84.3 66.0 99.0
77 63.7 53.4 80.2

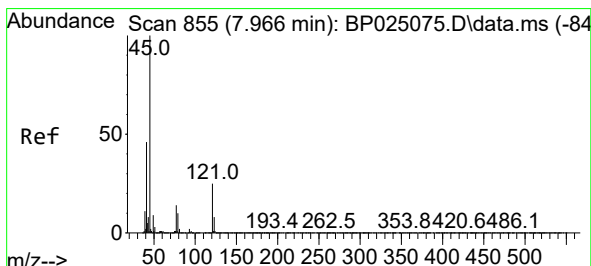
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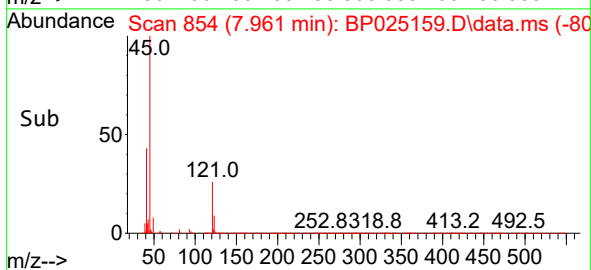
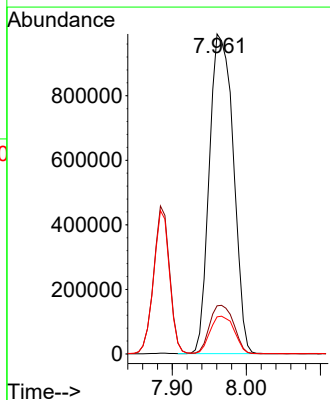
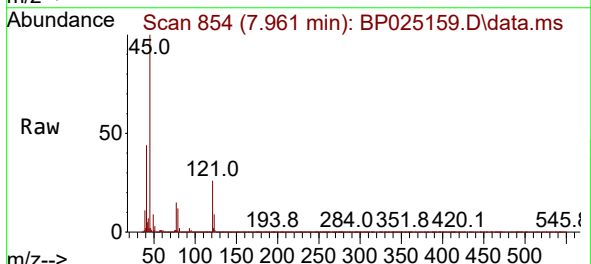
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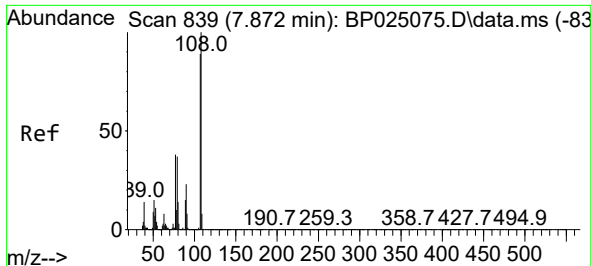
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.480 ng
RT: 7.961 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Tgt Ion: 45 Resp: 2226490
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.8
79 11.6 0.0 30.7





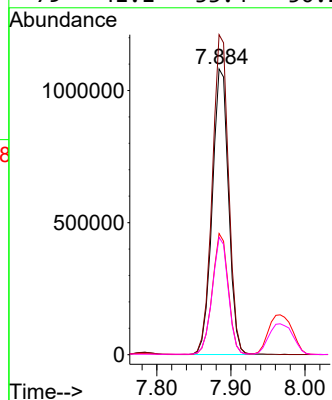
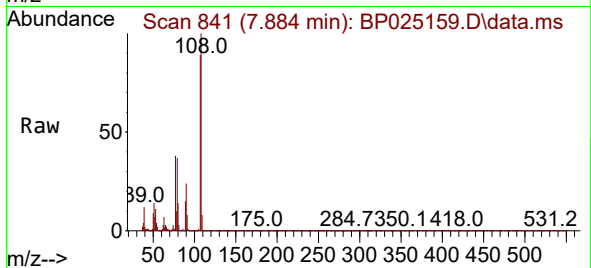
#17
2-Methylphenol
Concen: 48.896 ng
RT: 7.884 min Scan# 841
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Instrument :
BNA_P
ClientSampleId :
TP-16MS

Tgt Ion:107 Resp: 1649678
Ion Ratio Lower Upper
107 100
108 112.0 89.7 134.5
77 42.4 34.2 51.4
79 41.1 33.4 50.2

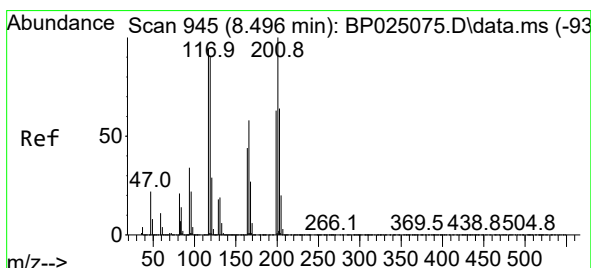
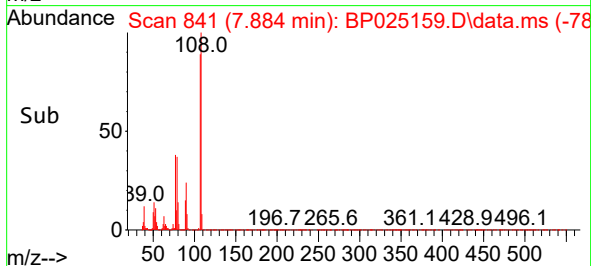
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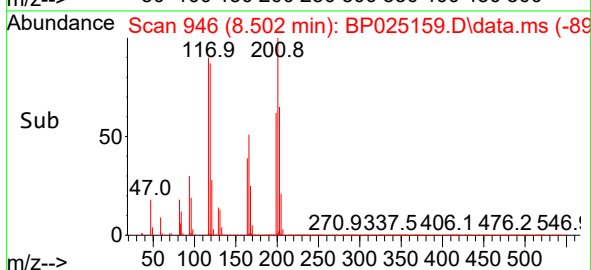
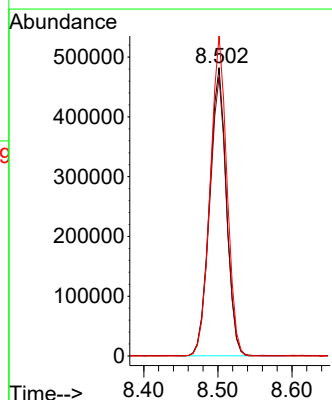
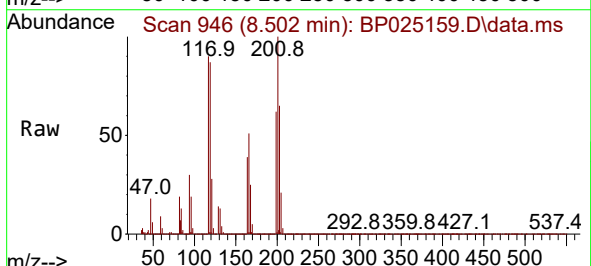
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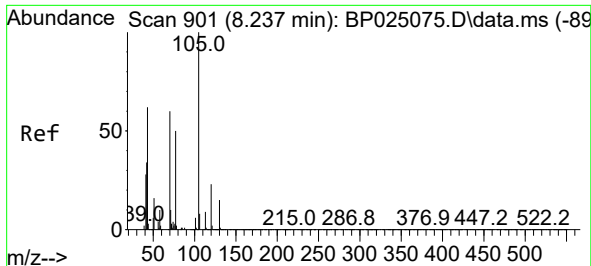
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#18
Hexachloroethane
Concen: 46.717 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

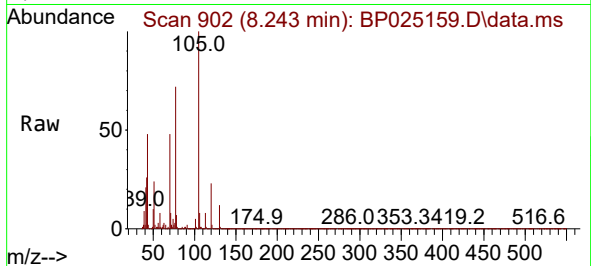
Tgt Ion:117 Resp: 762146
Ion Ratio Lower Upper
117 100
119 96.8 76.6 115.0
201 111.0 85.4 128.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.703 ng
RT: 8.243 min Scan# 901
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

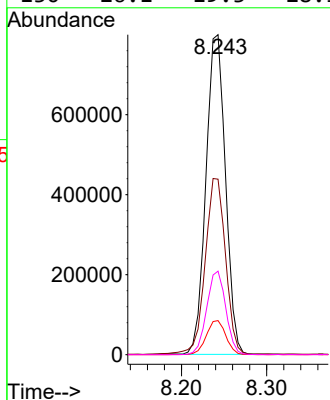
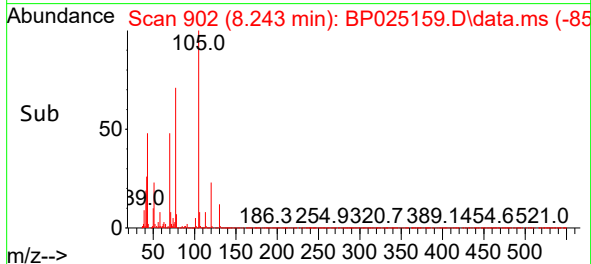
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion: 70 Resp: 127488
Ion Ratio Lower Upper
70 100
42 54.8 46.5 69.7
101 10.7 7.9 11.9
130 26.1 19.3 28.9

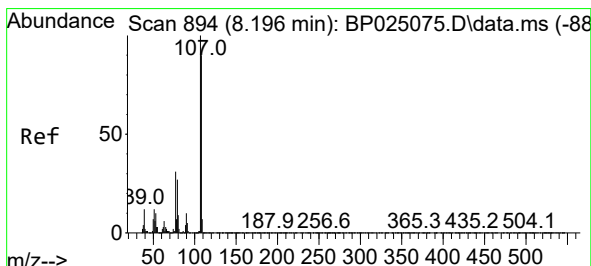
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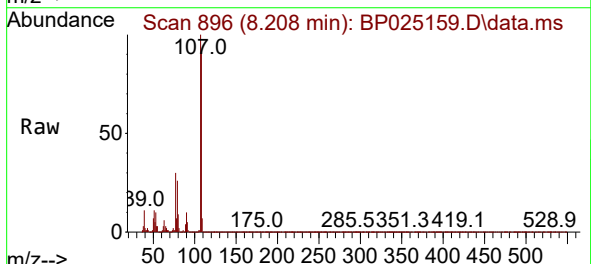


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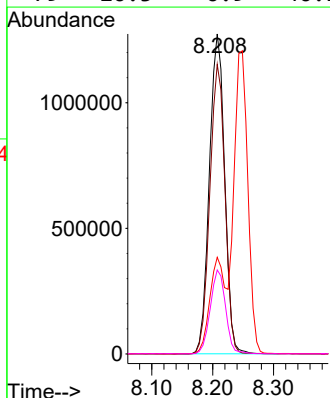
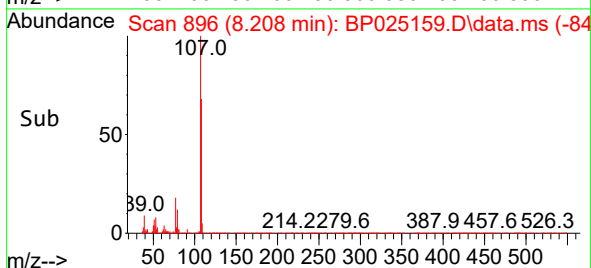
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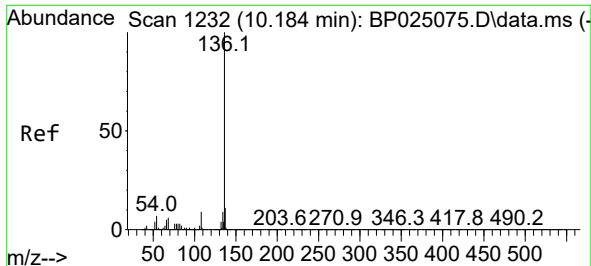


#20
3+4-Methylphenols
Concen: 46.951 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



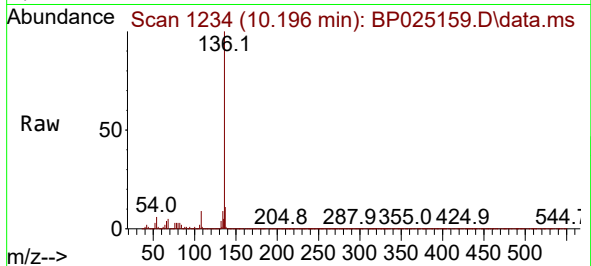
Tgt Ion:107 Resp: 2218766
Ion Ratio Lower Upper
107 100
108 90.5 69.5 109.5
77 30.2 11.4 51.4
79 26.3 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1232
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

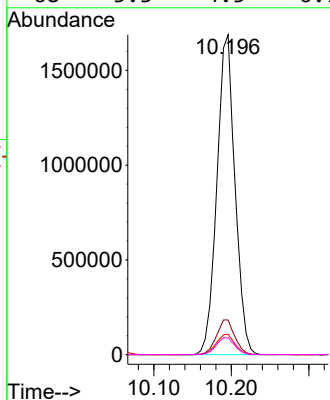
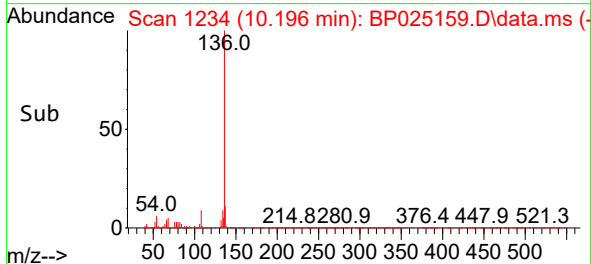
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:136 Resp: 2737740
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.4 5.4 8.2
68 5.3 4.5 6.7

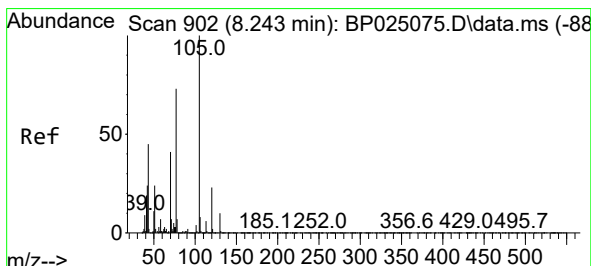
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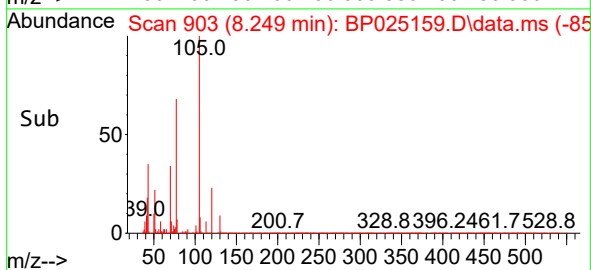
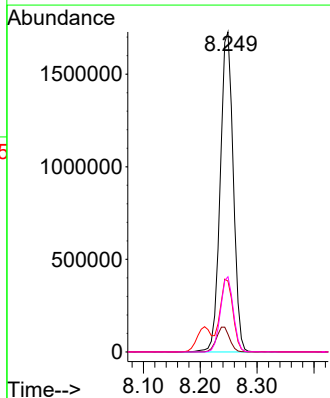
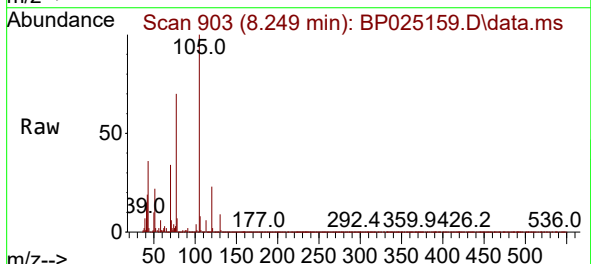
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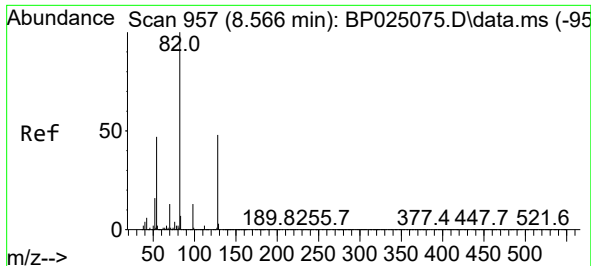
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#22
Acetophenone
Concen: 42.542 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

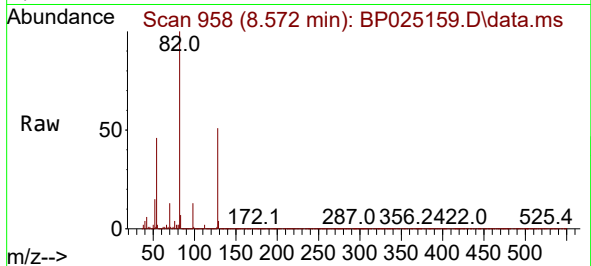
Tgt Ion:105 Resp: 2754474
Ion Ratio Lower Upper
105 100
71 5.6 5.4 8.2
51 22.2 19.6 29.4
120 23.5 18.8 28.2





#23
Nitrobenzene-d5
Concen: 68.771 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

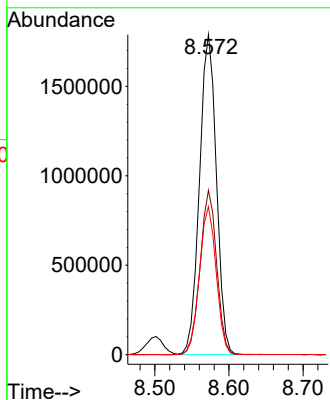
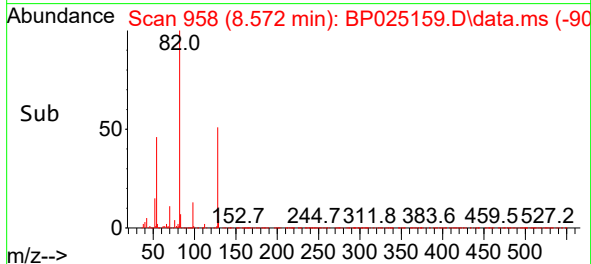
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion: 82 Resp: 283103
Ion Ratio Lower Upper
82 100
128 51.4 38.4 57.6
54 46.3 37.8 56.6

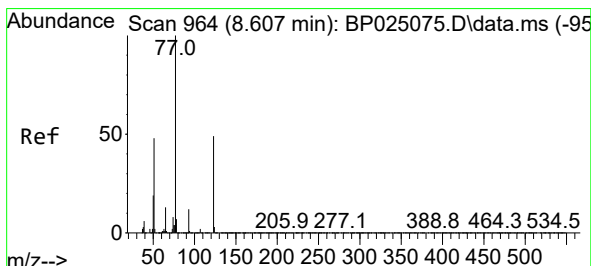
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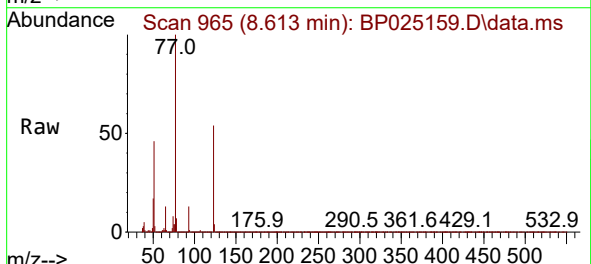


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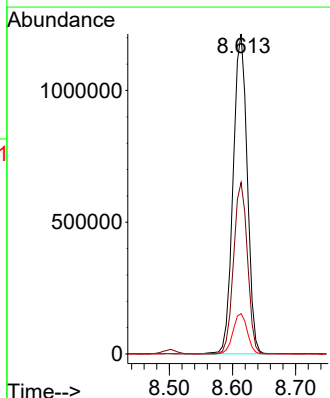
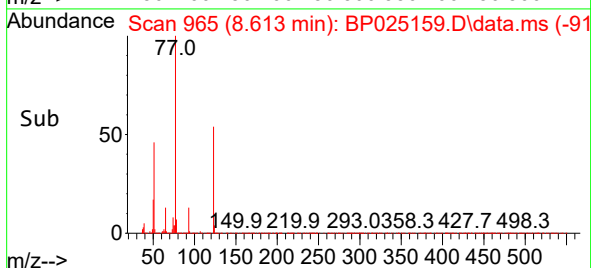
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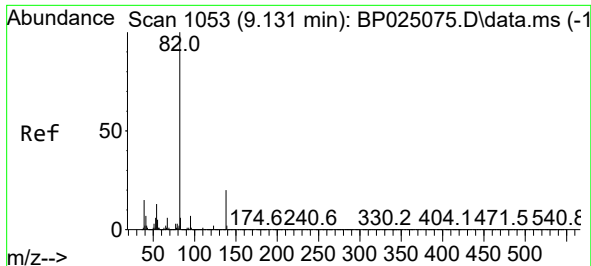


#24
Nitrobenzene
Concen: 44.923 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



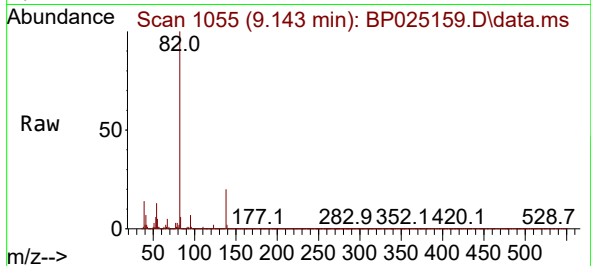
Tgt Ion: 77 Resp: 1883671
Ion Ratio Lower Upper
77 100
123 53.6 39.0 58.6
65 12.6 10.7 16.1





#25
Isophorone
Concen: 47.095 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

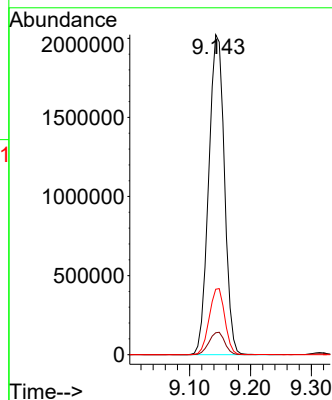
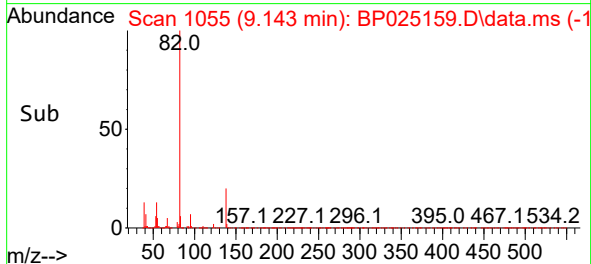
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion: 82 Resp: 3623072
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 20.5 15.7 23.5

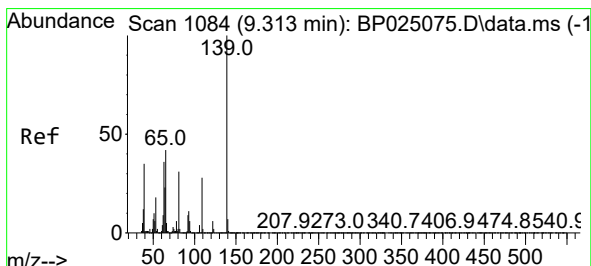
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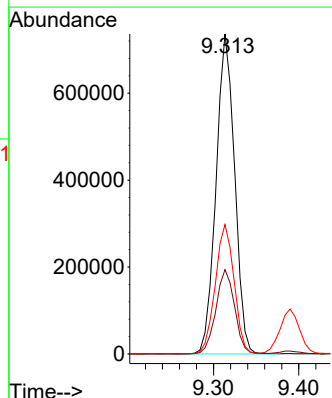
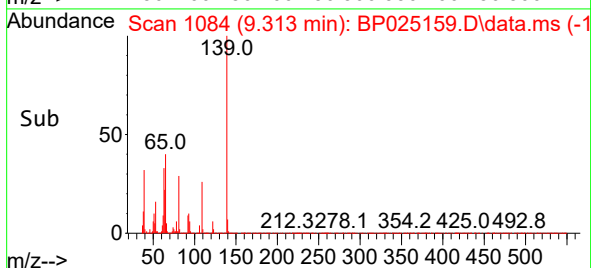
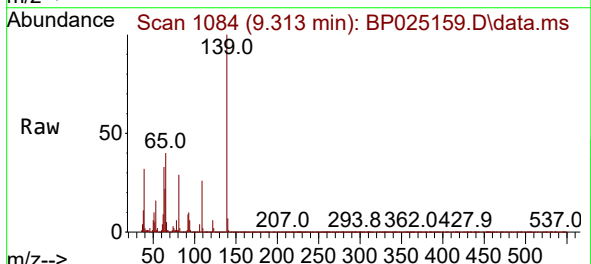
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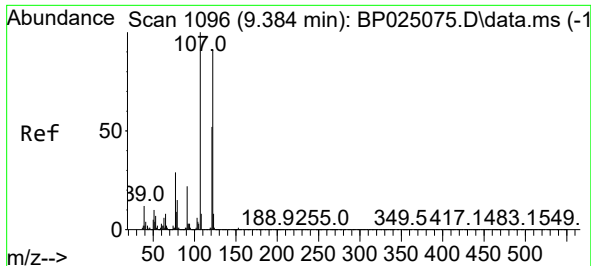
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#26
2-Nitrophenol
Concen: 54.443 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Tgt Ion:139 Resp: 1117472
Ion Ratio Lower Upper
139 100
109 26.3 22.3 33.5
65 40.5 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 66.160 ng

RT: 9.390 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:122 Resp: 189863

Ion Ratio Lower Upper

122 100

107 109.3 88.2 132.2

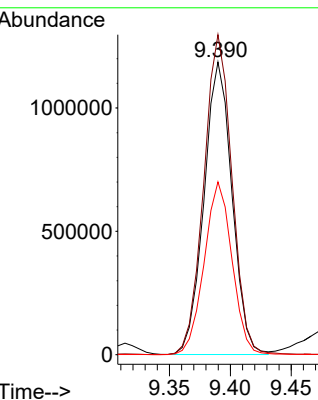
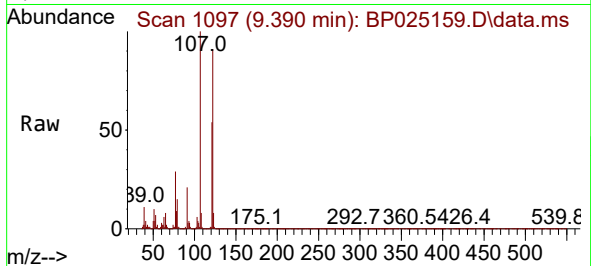
121 59.0 46.1 69.1

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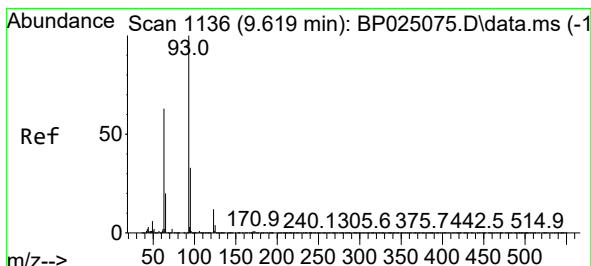
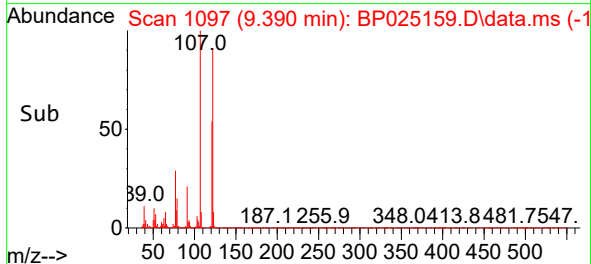
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#28

bis(2-Chloroethoxy)methane

Concen: 44.330 ng

RT: 9.619 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

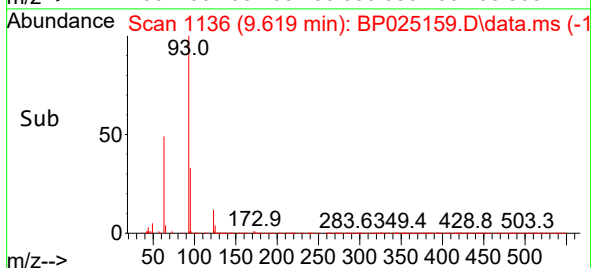
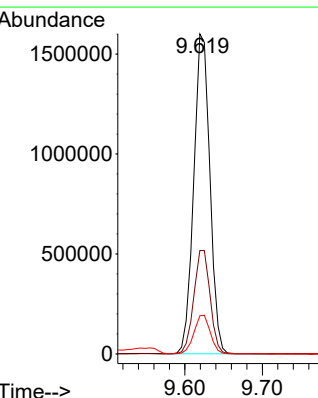
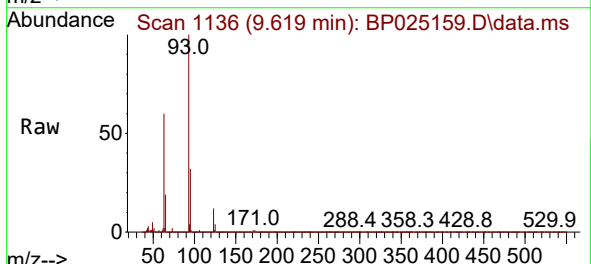
Tgt Ion: 93 Resp: 2315649

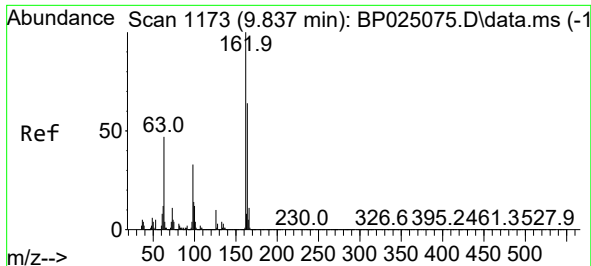
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

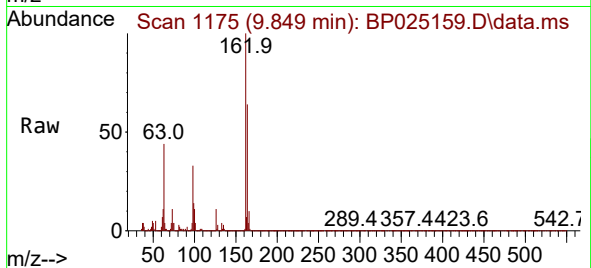
123 11.9 10.1 15.1





#29
2,4-Dichlorophenol
Concen: 49.811 ng
RT: 9.849 min Scan# 1173
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

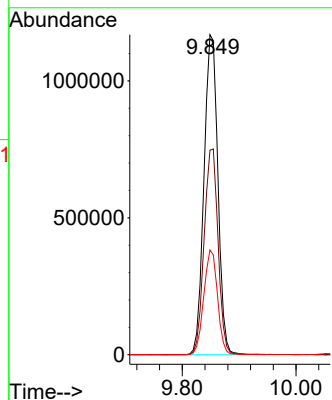
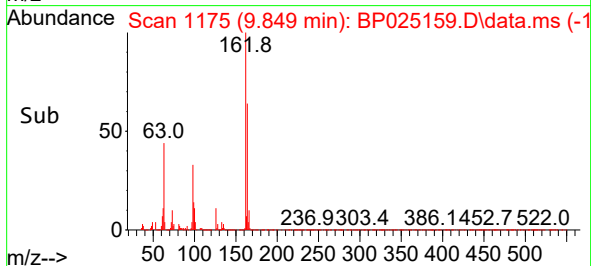
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:162 Resp: 1982098
Ion Ratio Lower Upper
162 100
164 63.9 44.1 84.1
98 32.7 13.1 53.1

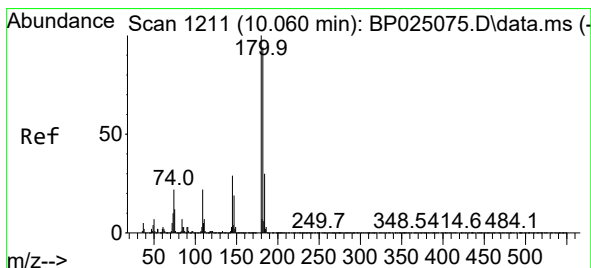
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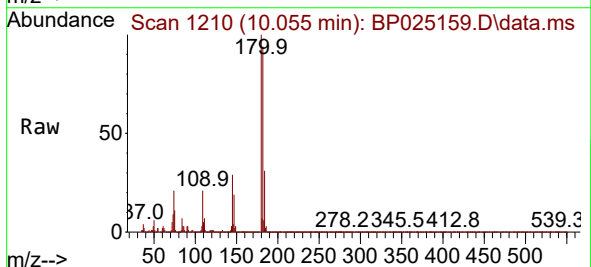


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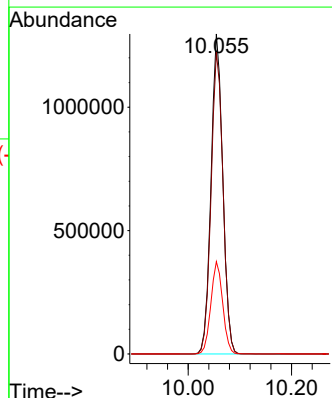
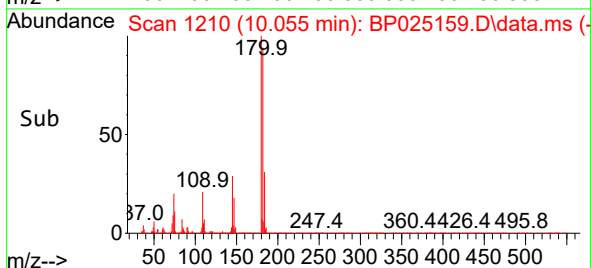
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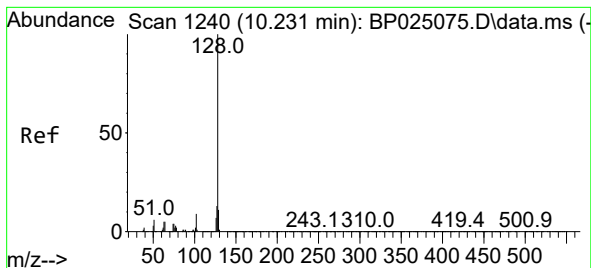


#30
1,2,4-Trichlorobenzene
Concen: 46.385 ng
RT: 10.055 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



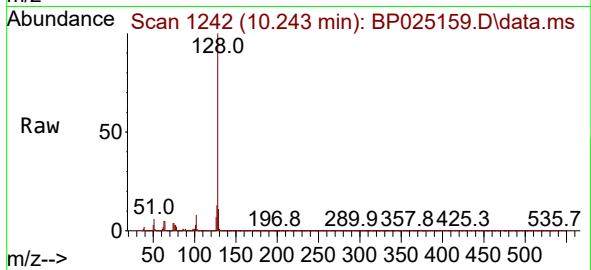
Tgt Ion:180 Resp: 2044023
Ion Ratio Lower Upper
180 100
182 94.2 75.1 112.7
145 28.8 23.3 34.9





#31
Naphthalene
Concen: 43.237 ng
RT: 10.243 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

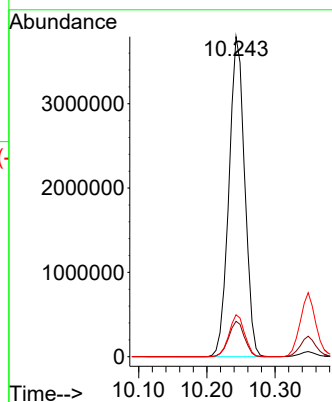
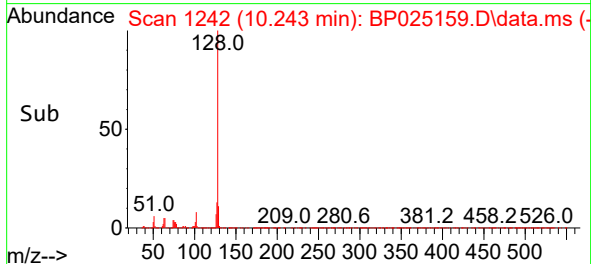
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:128 Resp: 609516
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.4 15.6

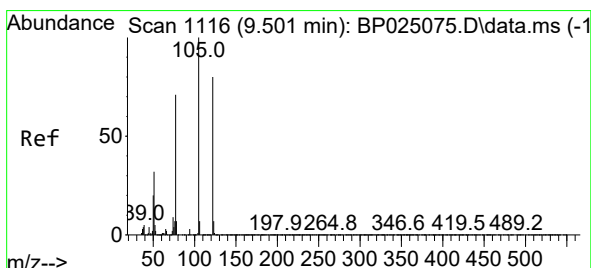
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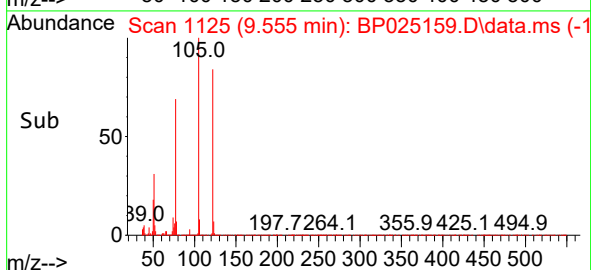
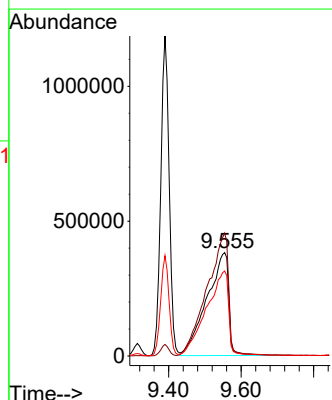
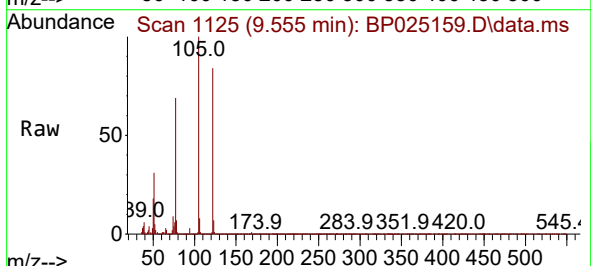
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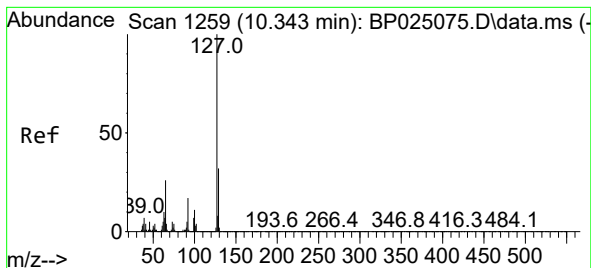
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#32
Benzoic acid
Concen: 54.804 ng
RT: 9.555 min Scan# 1125
Delta R.T. 0.054 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

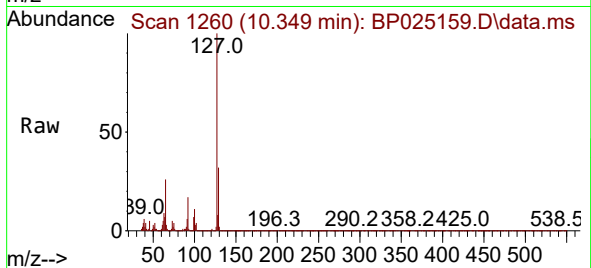
Tgt Ion:122 Resp: 1600146
Ion Ratio Lower Upper
122 100
105 119.0 101.0 141.0
77 82.2 67.6 107.6





#33
4-Chloroaniline
Concen: 23.228 ng
RT: 10.349 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

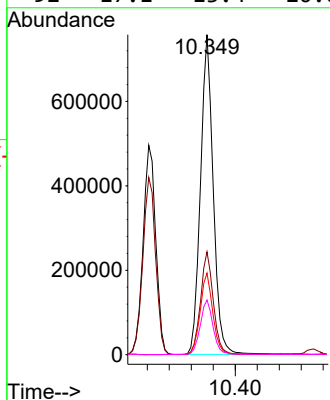
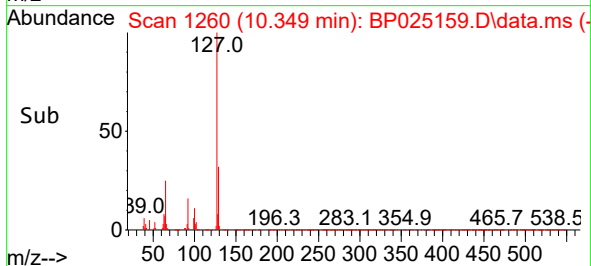
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:127 Resp: 122202
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 25.5 21.0 31.6
92 17.1 13.4 20.0

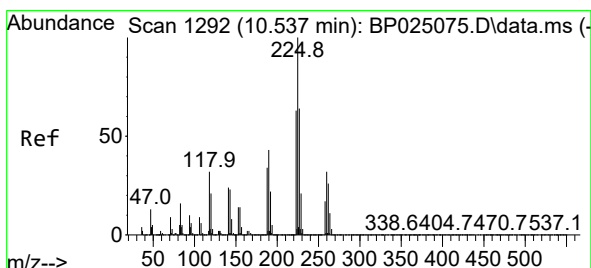
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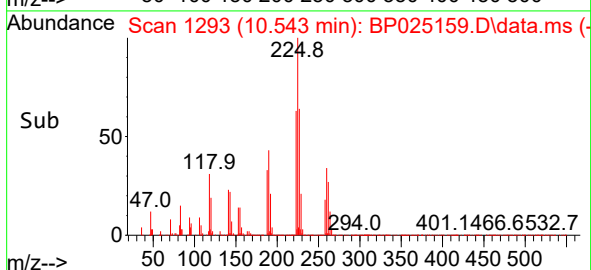
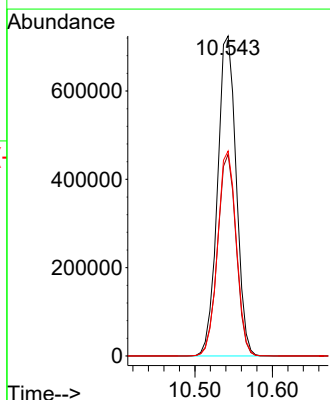
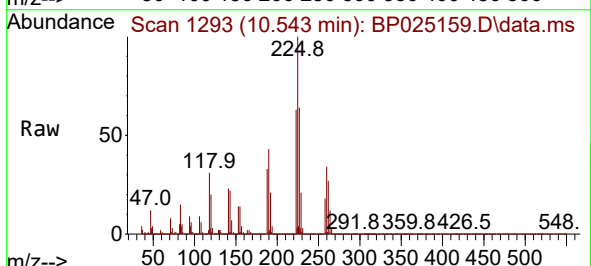
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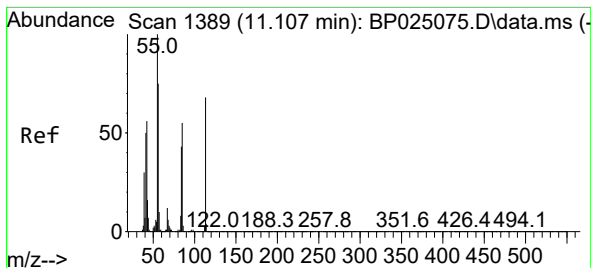
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#34
Hexachlorobutadiene
Concen: 47.919 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

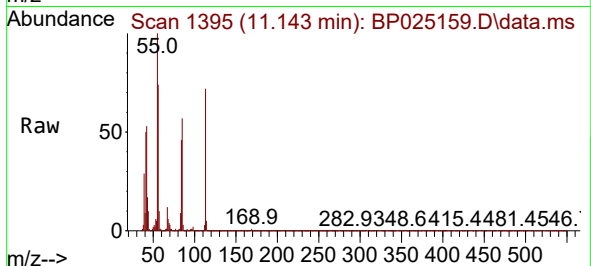
Tgt Ion:225 Resp: 1211774
Ion Ratio Lower Upper
225 100
223 63.0 50.3 75.5
227 64.1 51.3 76.9





#35
Caprolactam
Concen: 45.552 ng m
RT: 11.143 min Scan# 11
Delta R.T. 0.035 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

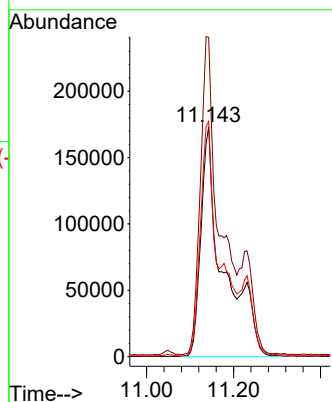
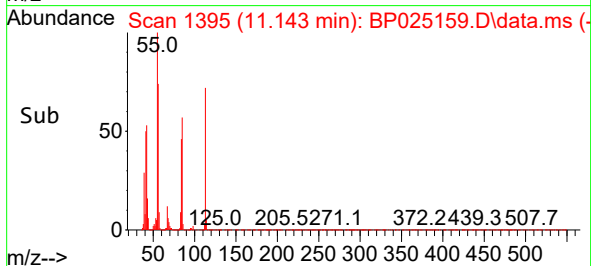
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:113 Resp: 620100
Ion Ratio Lower Upper
113 100
55 139.0 128.1 168.1
56 102.4 90.7 130.7

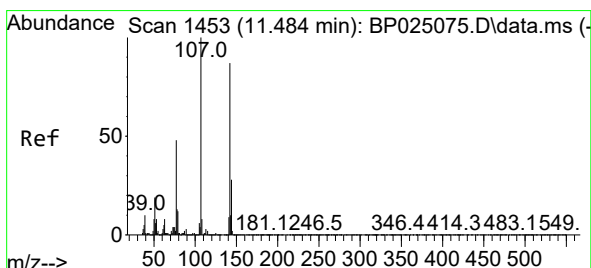
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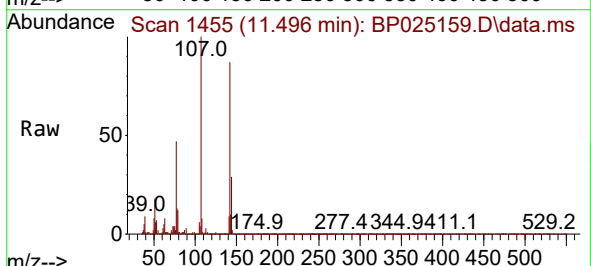


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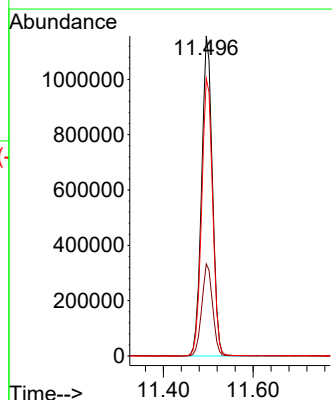
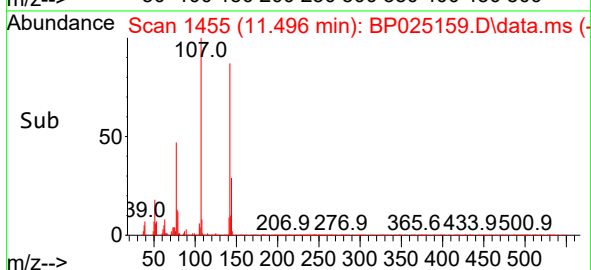
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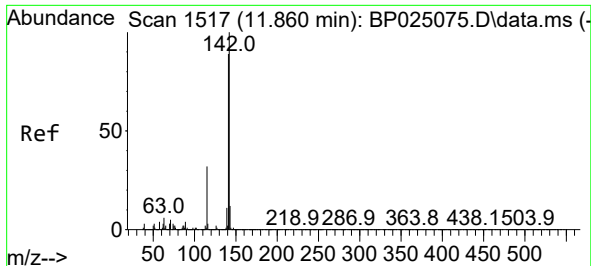


#36
4-Chloro-3-methylphenol
Concen: 46.399 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



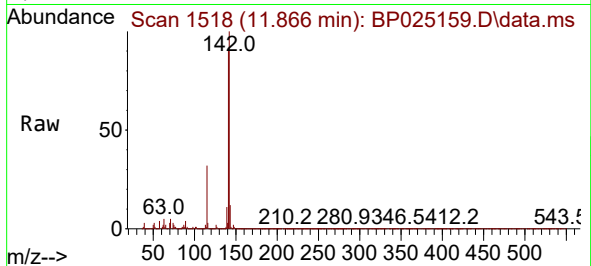
Tgt Ion:107 Resp: 1929471
Ion Ratio Lower Upper
107 100
144 28.8 22.4 33.6
142 86.7 69.6 104.4





#37
2-Methylnaphthalene
Concen: 39.166 ng
RT: 11.866 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

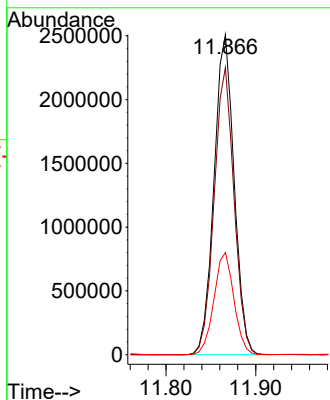
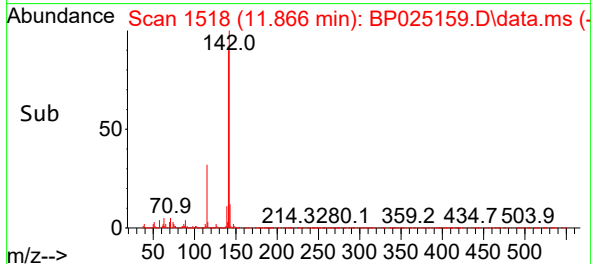
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:142 Resp: 3895659
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 31.9 25.9 38.9

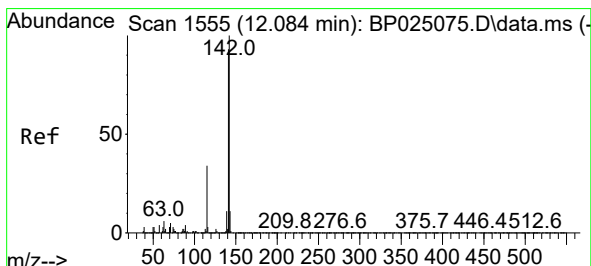
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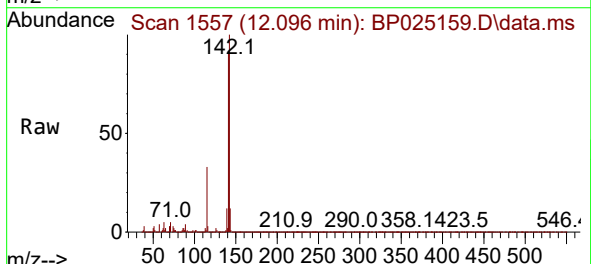


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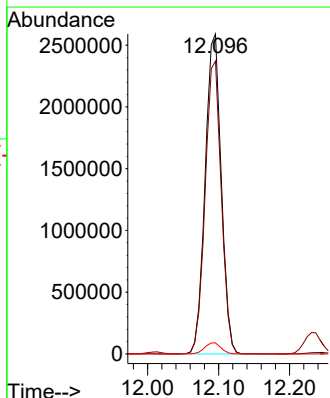
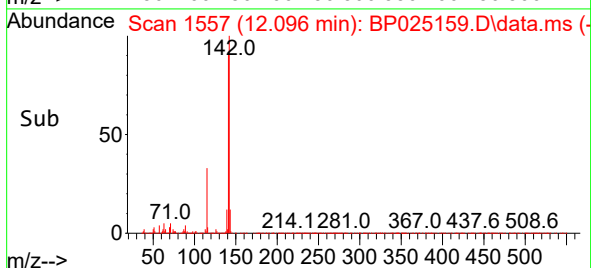
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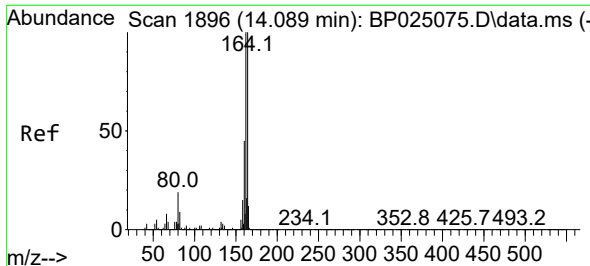


#38
1-Methylnaphthalene
Concen: 42.037 ng
RT: 12.096 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



Tgt Ion:142 Resp: 4077893
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1
116 3.5 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

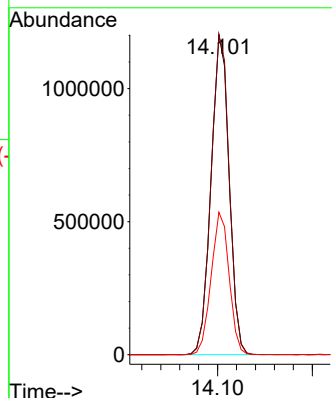
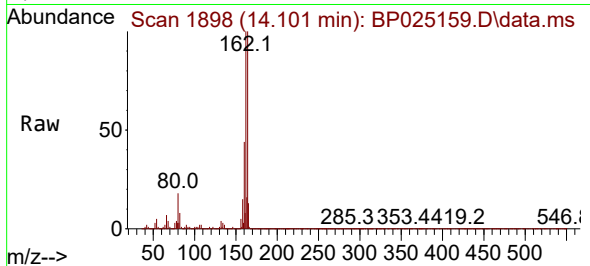
ClientSampleId :

TP-16MS

Tgt Ion:164 Resp: 1588530
Ion Ratio Lower Upper
164 100
162 100.0 80.3 120.5
160 44.5 35.9 53.9

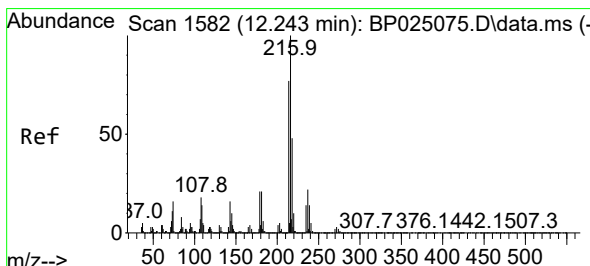
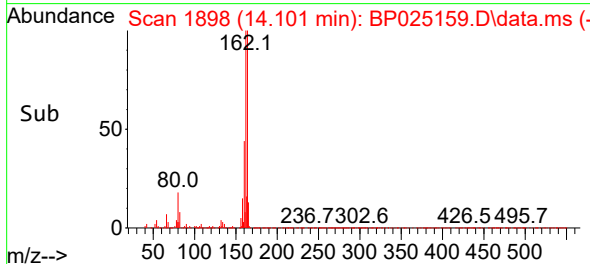
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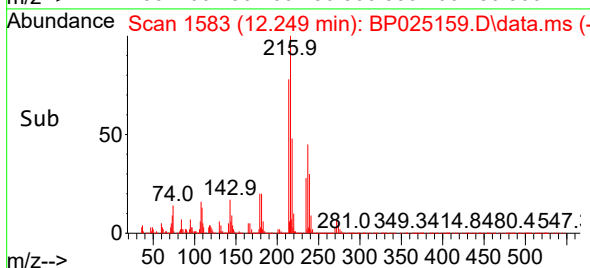
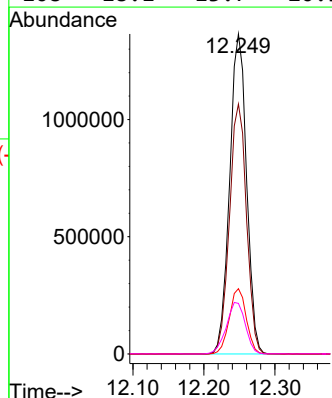
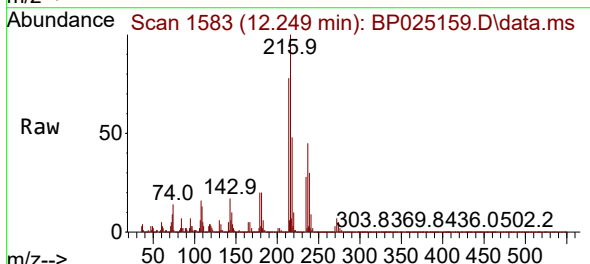
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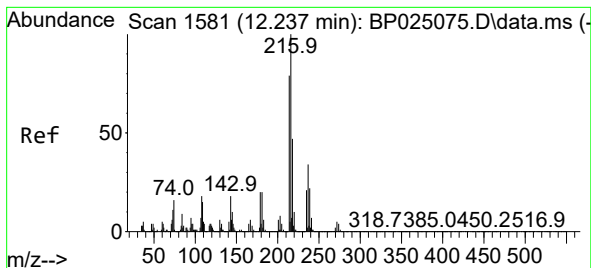
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.487 ng
RT: 12.249 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

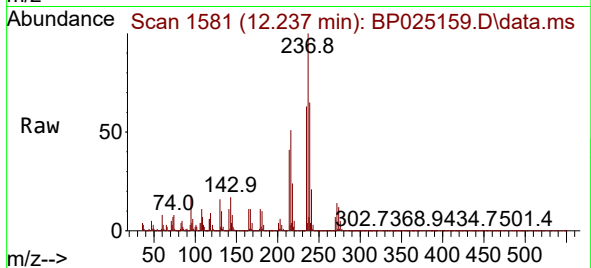
Tgt Ion:216 Resp: 2259295
Ion Ratio Lower Upper
216 100
214 78.7 62.4 93.6
179 20.5 16.5 24.7
108 18.1 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 215.306 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

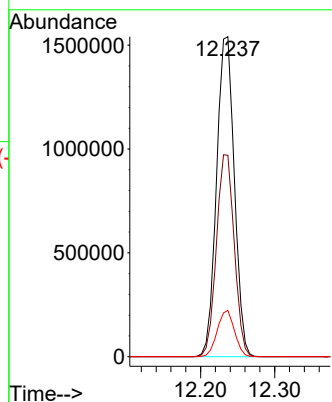
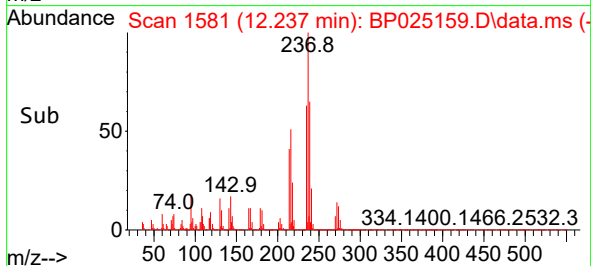
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion: 237 Resp: 256752
Ion Ratio Lower Upper
237 100
235 63.0 41.6 81.6
272 14.4 0.0 33.6

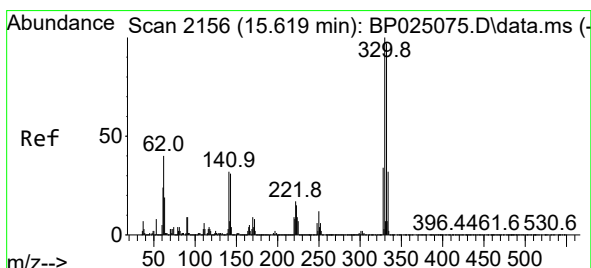
Manual Integrations
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Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

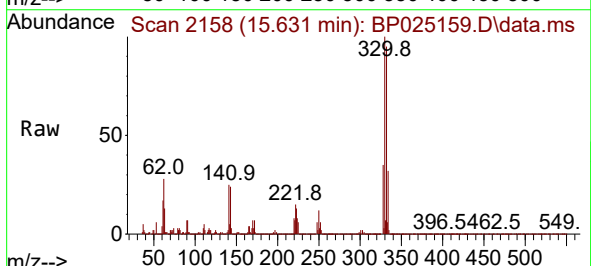


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Upadhyay

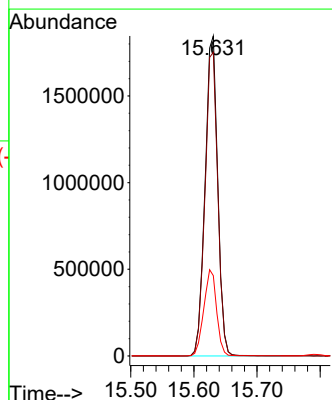
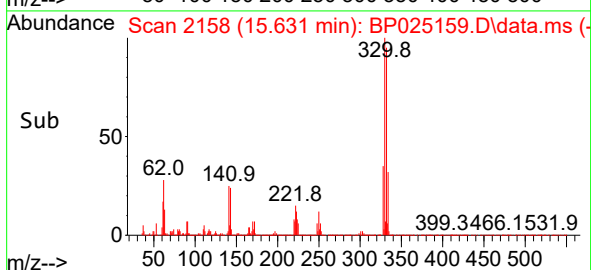
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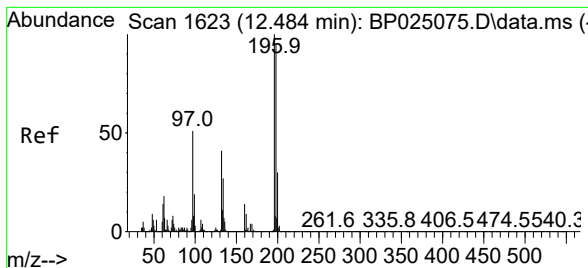


#42
2,4,6-Tribromophenol
Concen: 137.122 ng
RT: 15.631 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



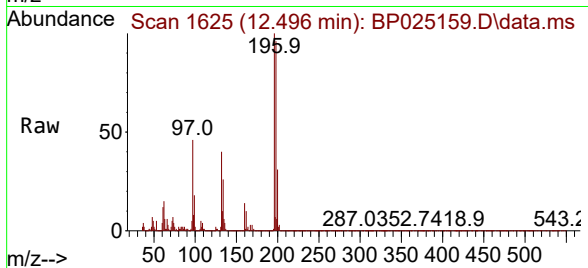
Tgt Ion: 330 Resp: 2573210
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 27.2 26.0 39.0





#43
2,4,6-Trichlorophenol
Concen: 58.499 ng
RT: 12.496 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

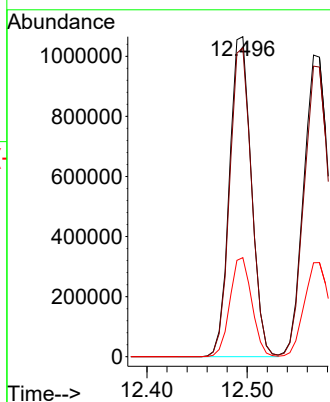
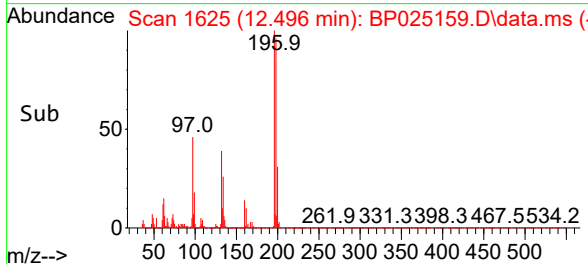
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:196 Resp: 161717
Ion Ratio Lower Upper
196 100
198 96.5 76.2 114.2
200 30.9 24.3 36.5

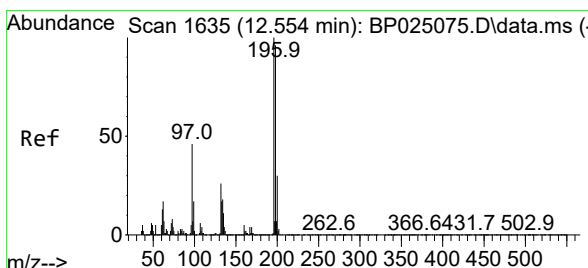
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Supervised By :Jagrut Upadhyay 07/17/2025



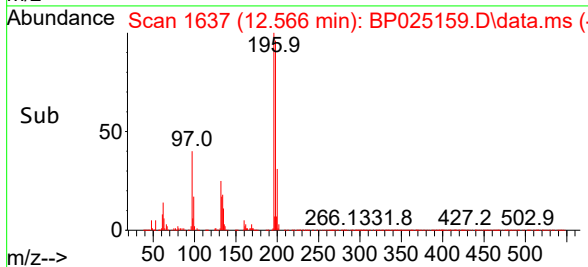
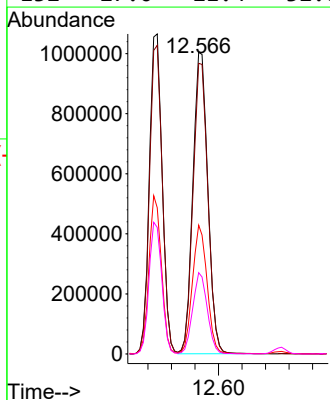
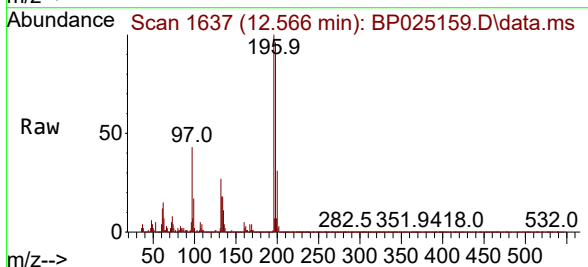
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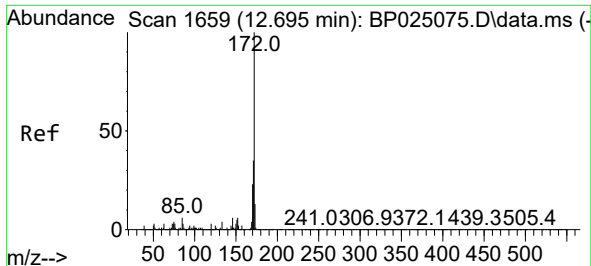
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#44
2,4,5-Trichlorophenol
Concen: 56.725 ng
RT: 12.566 min Scan# 1637
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

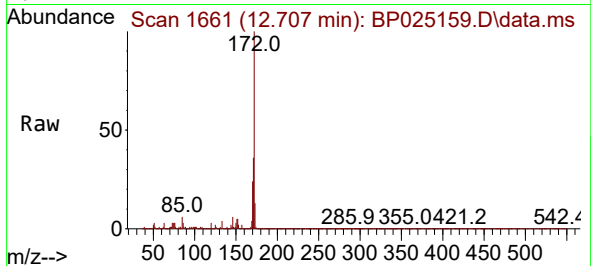
Tgt Ion:196 Resp: 1777151
Ion Ratio Lower Upper
196 100
198 96.3 76.6 115.0
97 42.7 36.6 55.0
132 27.0 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 69.344 ng
RT: 12.707 min Scan# 1661
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

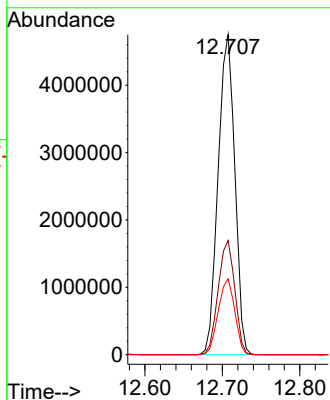
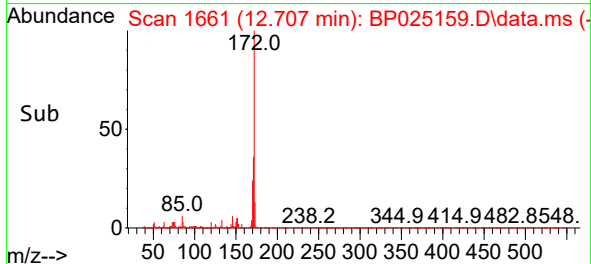
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:172 Resp: 711055
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.7 18.7 28.1

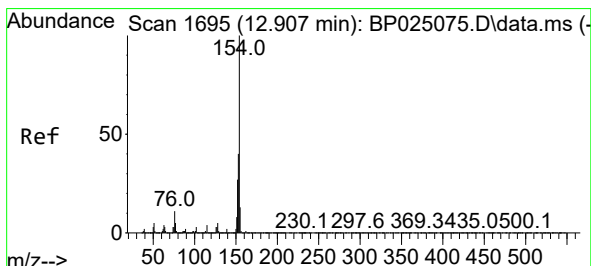
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Supervised By :Jagrut Upadhyay 07/17/2025

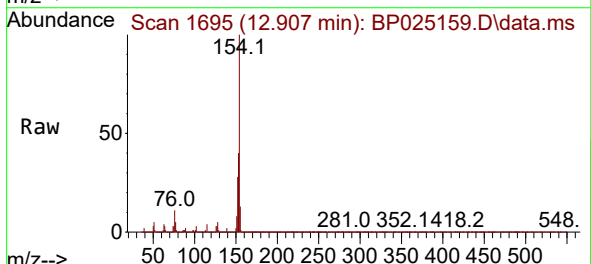


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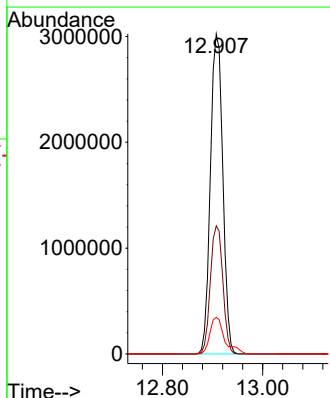
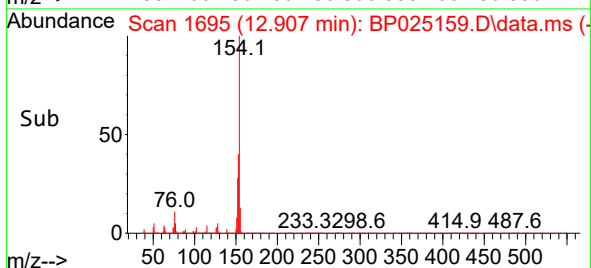
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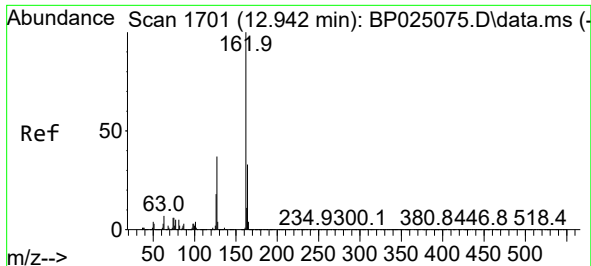


#46
1,1'-Biphenyl
Concen: 44.838 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



Tgt Ion:154 Resp: 5182346
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.5 0.0 31.5





#47

2-Chloronaphthalene

Concen: 46.530 ng

RT: 12.943 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:162 Resp: 404207

Ion Ratio Lower Upper

162 100

127 37.6 29.4 44.2

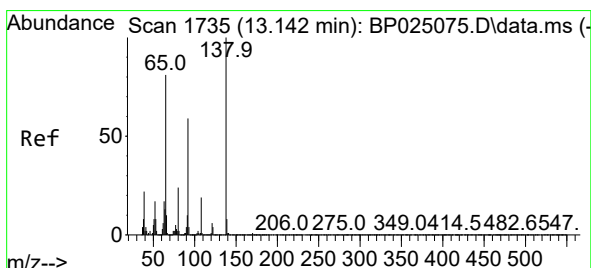
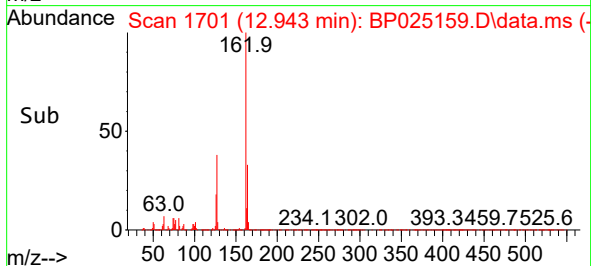
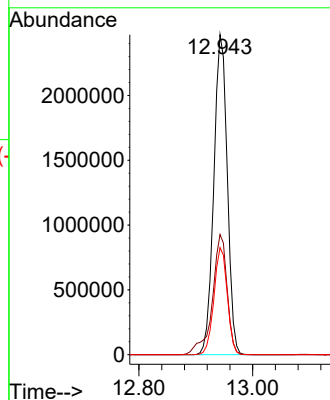
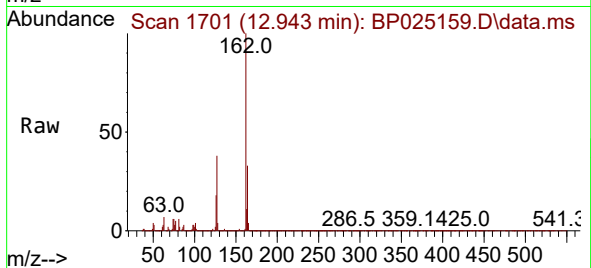
164 33.4 26.4 39.6

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#48

2-Nitroaniline

Concen: 48.306 ng

RT: 13.154 min Scan# 1737

Delta R.T. 0.012 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

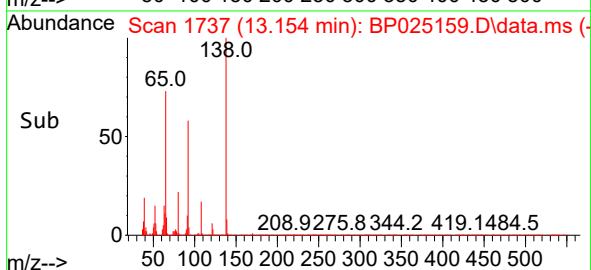
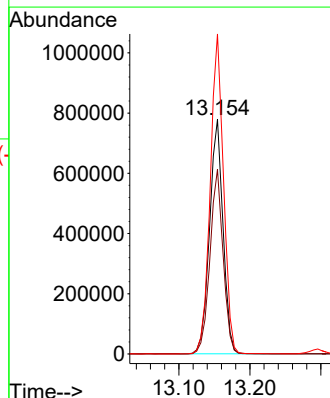
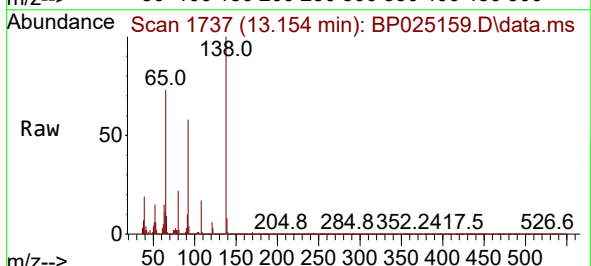
Tgt Ion: 65 Resp: 1028349

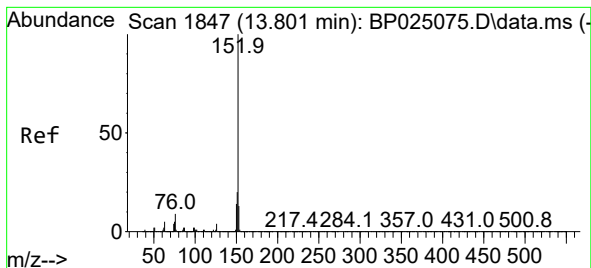
Ion Ratio Lower Upper

65 100

92 78.8 58.7 88.1

138 136.4 99.0 148.4





#49

Acenaphthylene

Concen: 49.903 ng

RT: 13.813 min Scan# 1849

Delta R.T. 0.012 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:152 Resp: 6635020

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

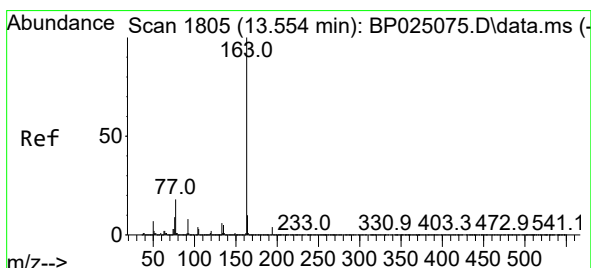
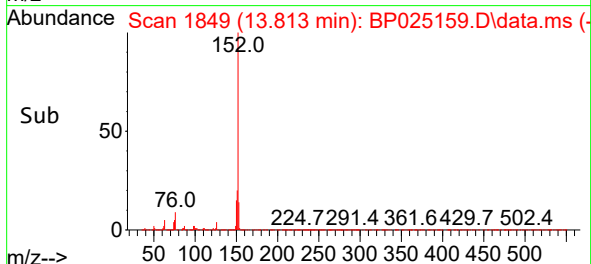
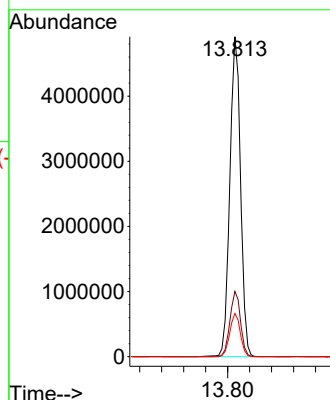
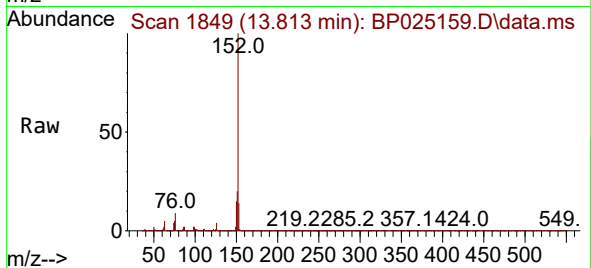
153 13.5 10.7 16.1

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#50

Dimethylphthalate

Concen: 44.983 ng

RT: 13.566 min Scan# 1807

Delta R.T. 0.012 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

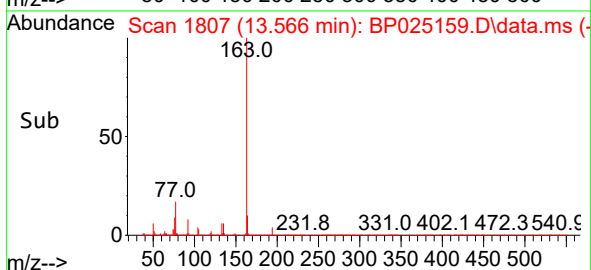
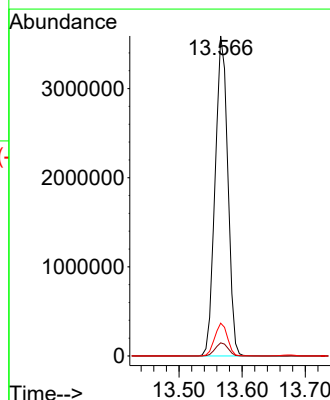
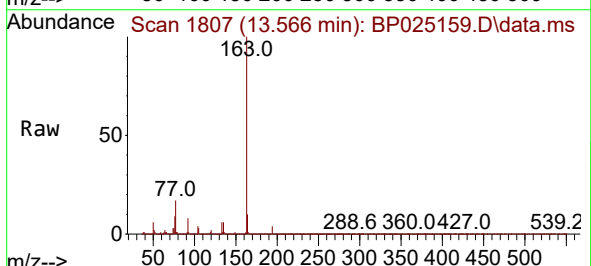
Tgt Ion:163 Resp: 5001958

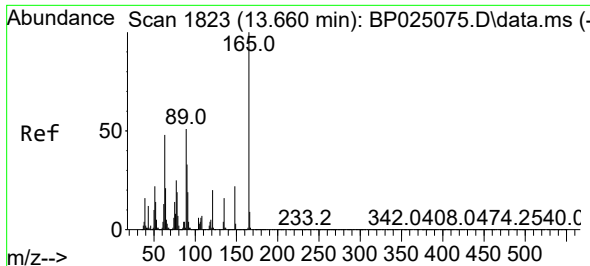
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

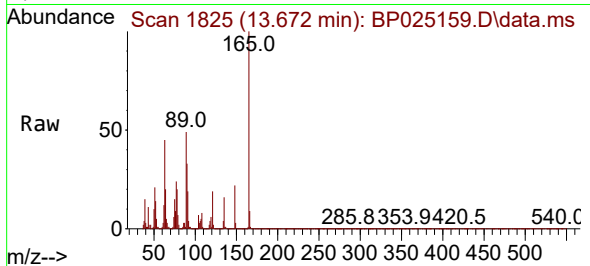
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 51.438 ng
RT: 13.672 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

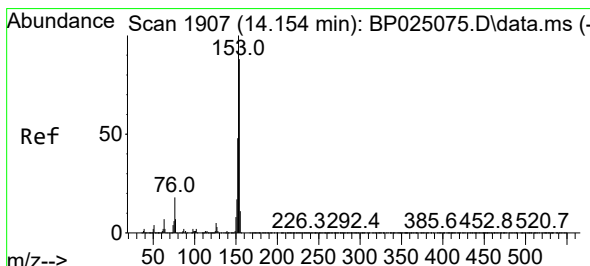
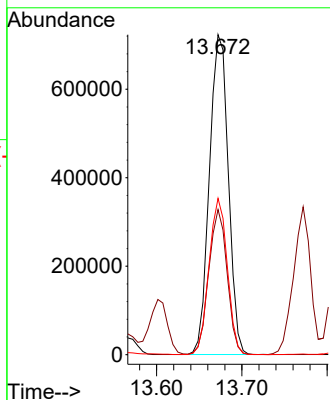
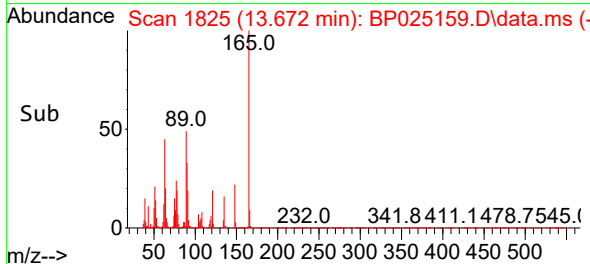
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:165 Resp: 111553
Ion Ratio Lower Upper
165 100
63 45.4 38.5 57.7
89 48.8 40.6 61.0

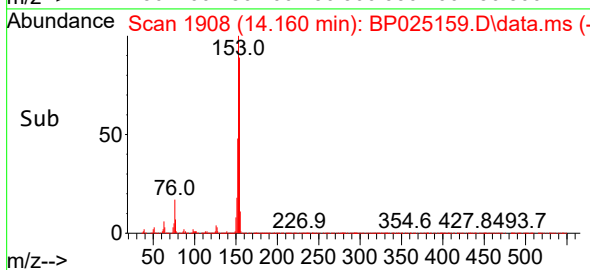
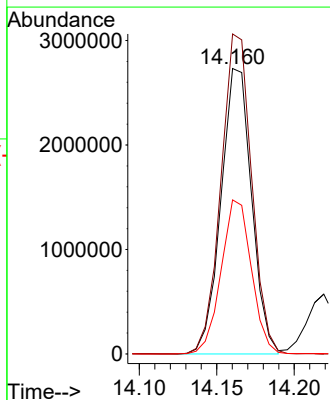
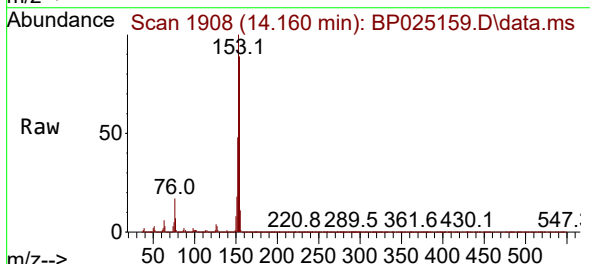
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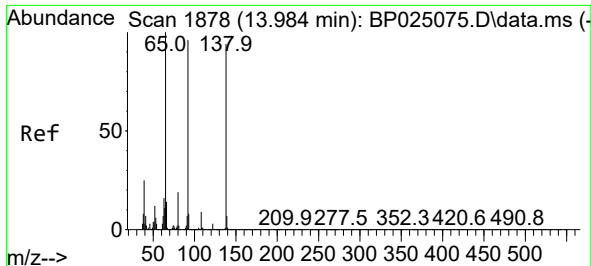
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#52
Acenaphthene
Concen: 43.801 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

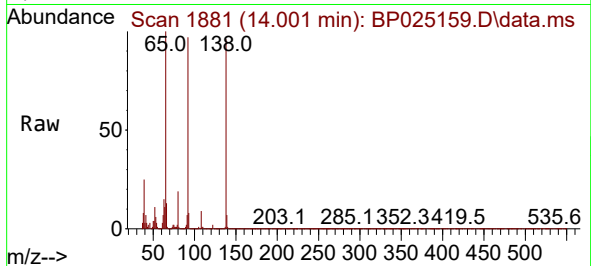
Tgt Ion:154 Resp: 3753533
Ion Ratio Lower Upper
154 100
153 112.1 90.6 136.0
152 54.0 43.8 65.8





#53
3-Nitroaniline
Concen: 36.966 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

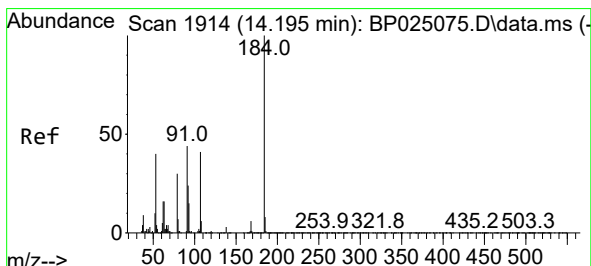
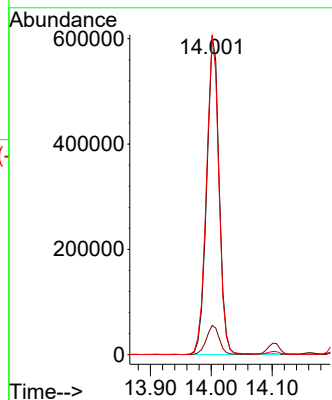
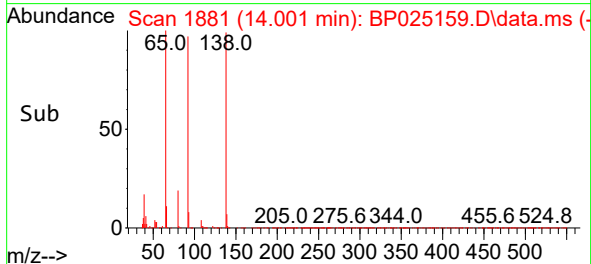
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:138 Resp: 859138
Ion Ratio Lower Upper
138 100
108 9.2 7.8 11.8
92 100.6 81.0 121.4

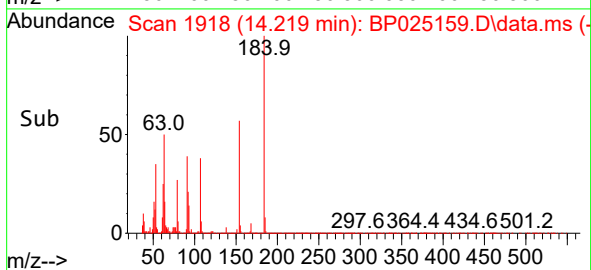
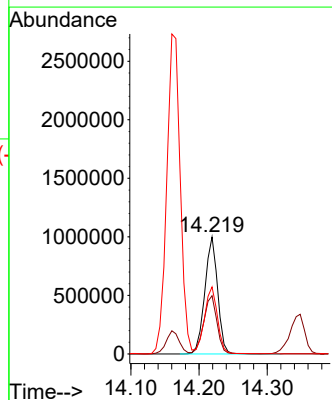
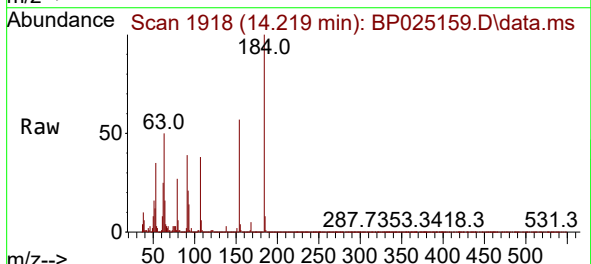
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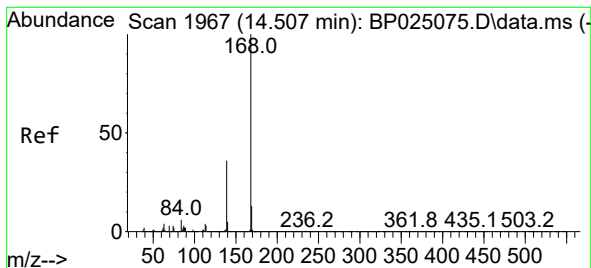
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#54
2,4-Dinitrophenol
Concen: 120.570 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

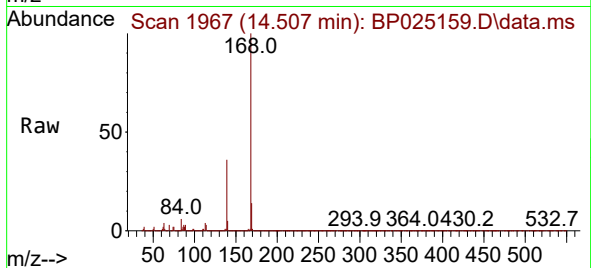
Tgt Ion:184 Resp: 1308940
Ion Ratio Lower Upper
184 100
63 49.8 47.4 71.0
154 57.3 47.8 71.8





#55
Dibenzenofuran
Concen: 45.319 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

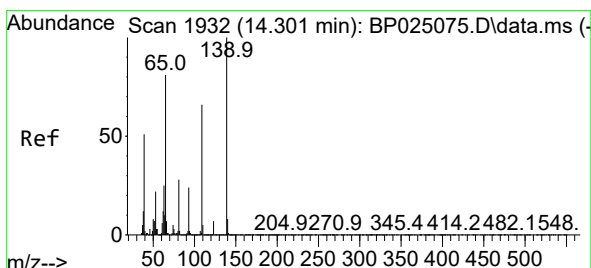
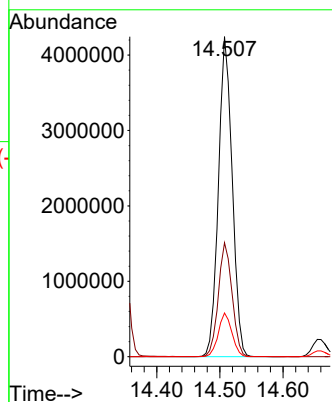
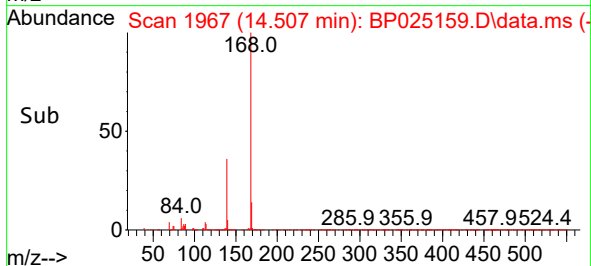
Instrument :
BNA_P
ClientSampleId :
TP-16MS



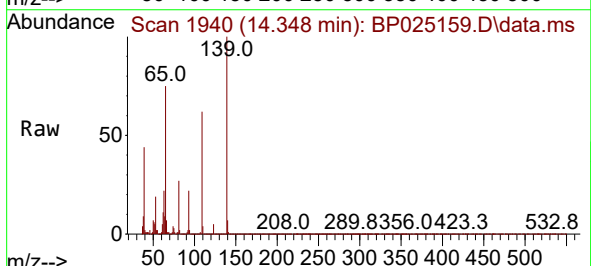
Tgt Ion:168 Resp: 640921
Ion Ratio Lower Upper
168 100
139 35.6 28.6 43.0
169 13.6 10.7 16.1

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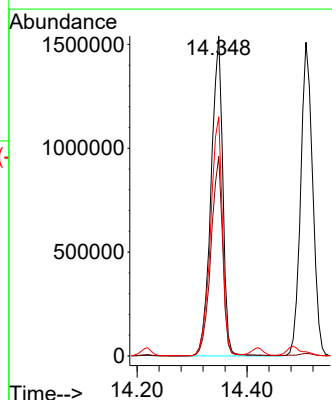
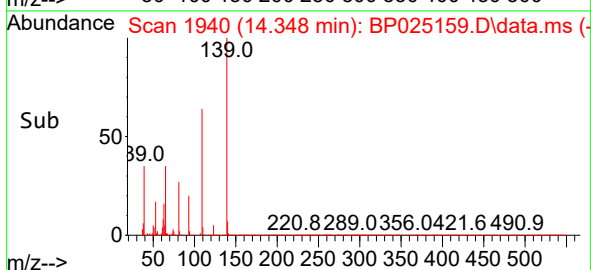
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

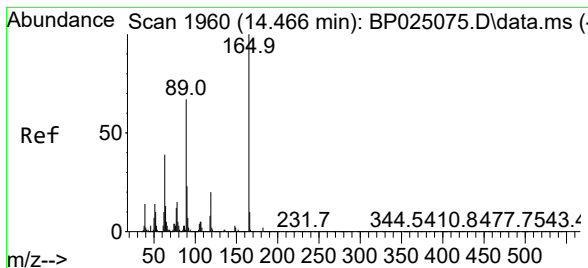


#56
4-Nitrophenol
Concen: 106.238 ng
RT: 14.348 min Scan# 1940
Delta R.T. 0.047 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



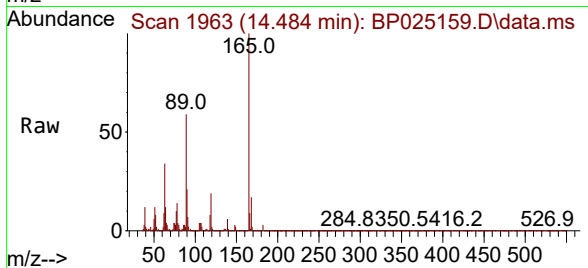
Tgt Ion:139 Resp: 2278608
Ion Ratio Lower Upper
139 100
109 62.3 45.9 85.9
65 74.7 61.4 101.4





#57
2,4-Dinitrotoluene
Concen: 51.553 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

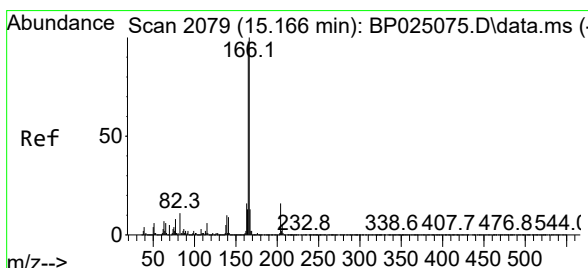
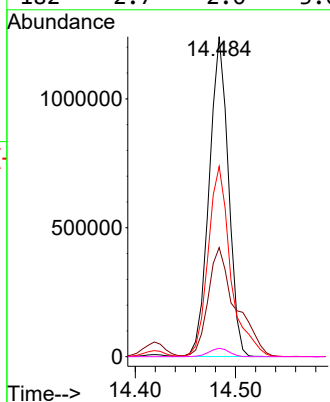
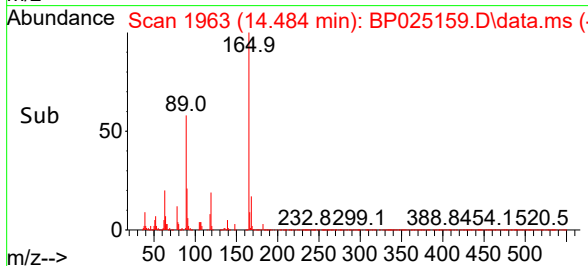
Instrument :
BNA_P
ClientSampleId :
TP-16MS



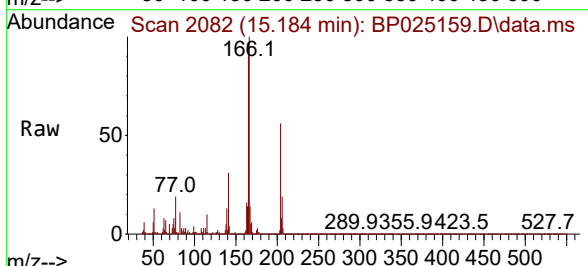
Tgt Ion:165 Resp: 1647410
Ion Ratio Lower Upper
165 100
63 34.1 31.0 46.4
89 59.4 53.4 80.0
182 2.7 2.0 3.0

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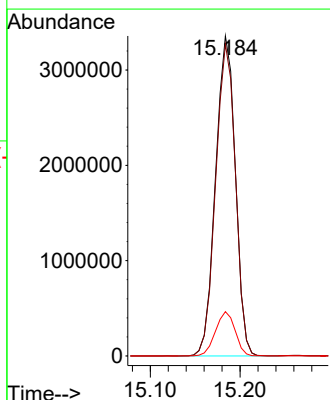
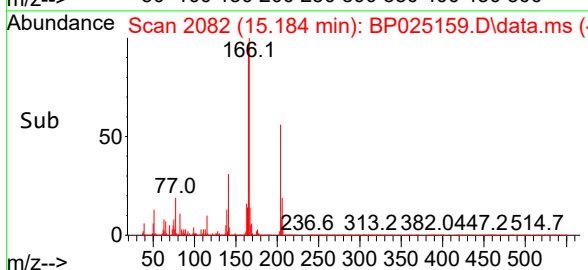
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

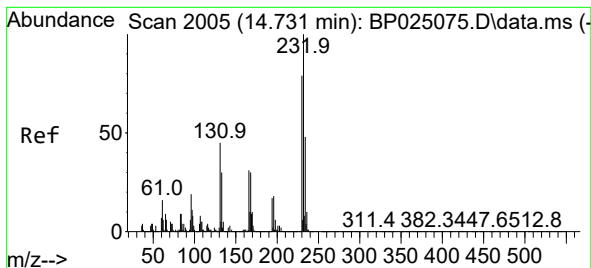


#58
Fluorene
Concen: 46.959 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.018 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



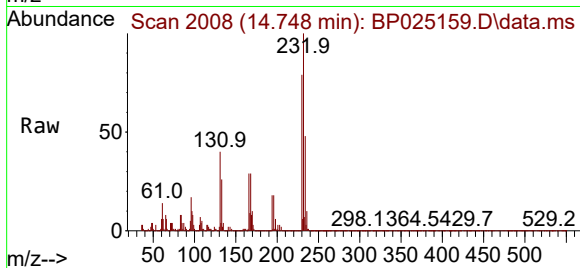
Tgt Ion:166 Resp: 5136779
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.764 ng
RT: 14.748 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

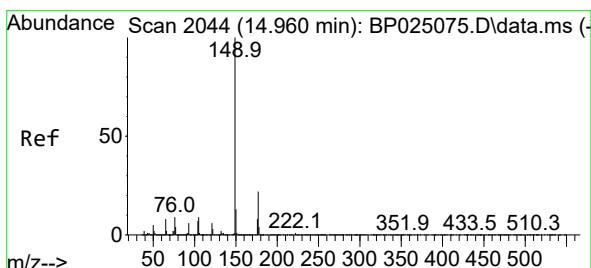
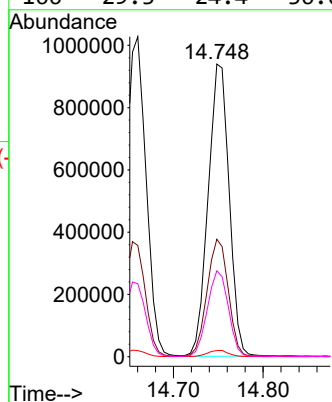
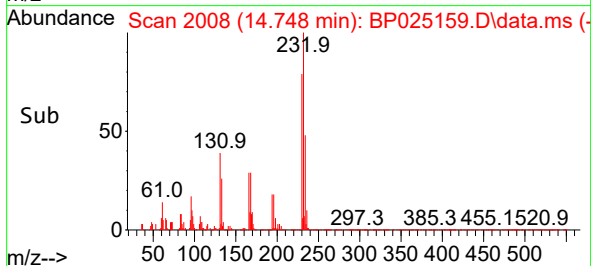
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:232 Resp: 1525330
Ion Ratio Lower Upper
232 100
131 40.8 35.7 53.5
130 2.1 1.8 2.6
166 29.3 24.4 36.6

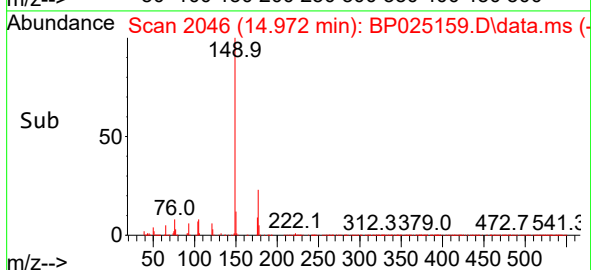
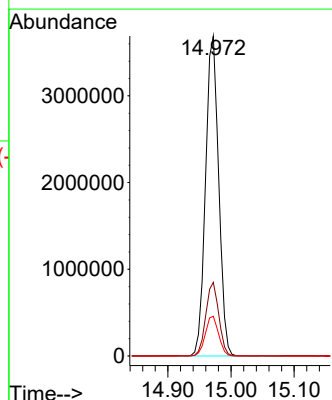
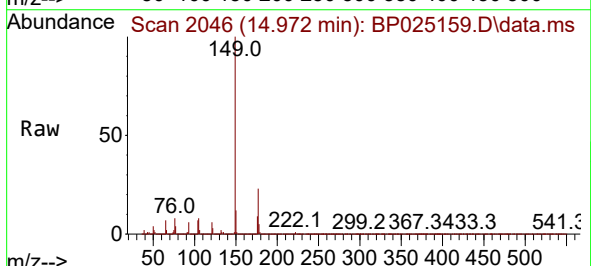
Manual Integrations
APPROVED

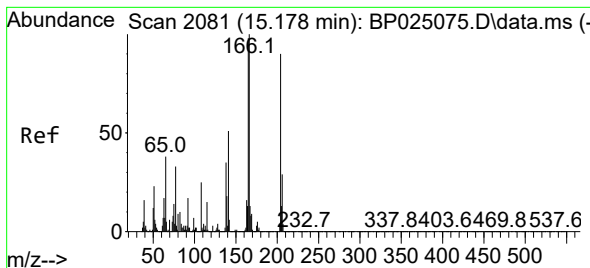
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#60
Diethylphthalate
Concen: 47.591 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

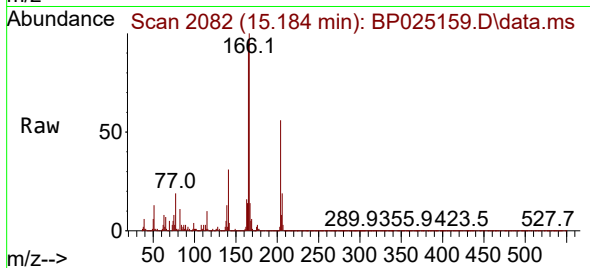
Tgt Ion:149 Resp: 5315209
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.8
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.042 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

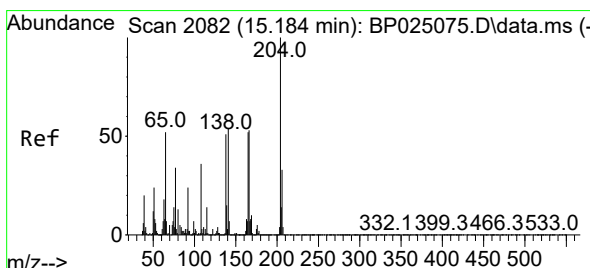
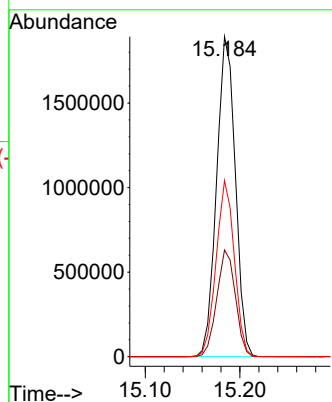
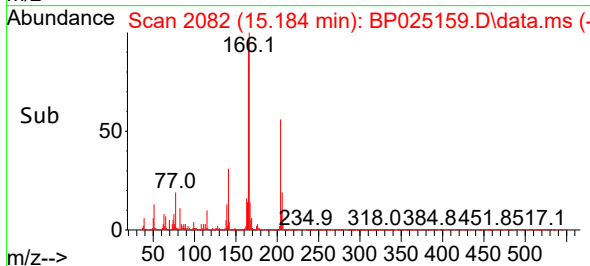
Instrument :
BNA_P
ClientSampleId :
TP-16MS



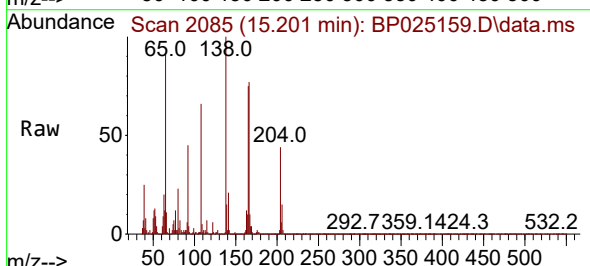
Tgt Ion:204 Resp: 2600760
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 55.1 45.1 67.7

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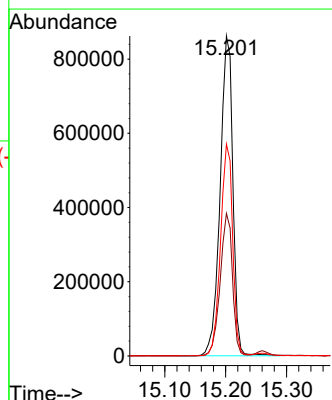
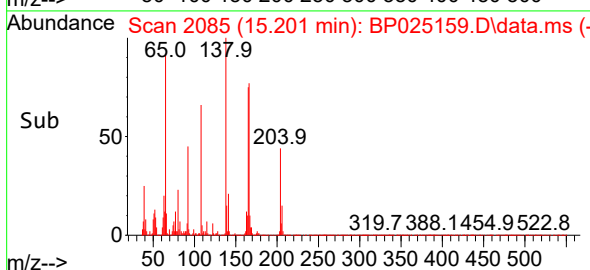
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

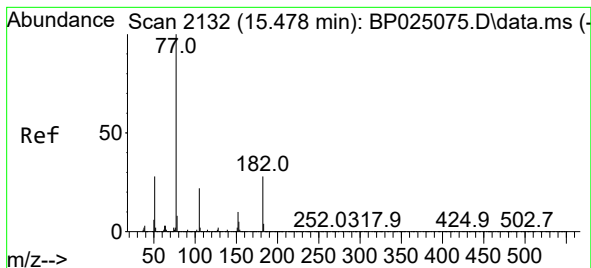


#62
4-Nitroaniline
Concen: 51.362 ng
RT: 15.201 min Scan# 2085
Delta R.T. 0.018 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



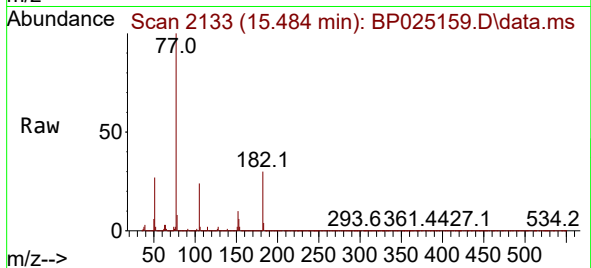
Tgt Ion:138 Resp: 1251716
Ion Ratio Lower Upper
138 100
92 44.5 26.0 66.0
108 66.2 50.0 90.0





#63
Azobenzene
Concen: 48.023 ng
RT: 15.484 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

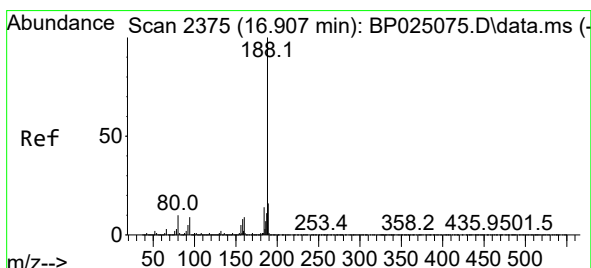
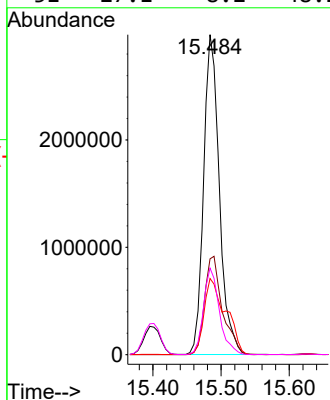
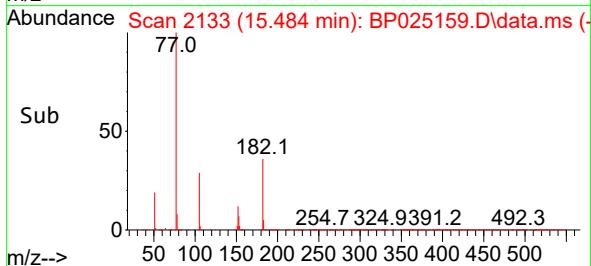
Instrument :
BNA_P
ClientSampleId :
TP-16MS



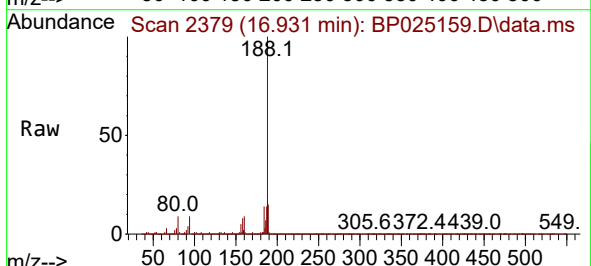
Tgt Ion: 77 Resp: 477604
Ion Ratio Lower Upper
77 100
182 30.0 7.7 47.7
105 23.8 1.9 41.9
51 27.1 8.2 48.2

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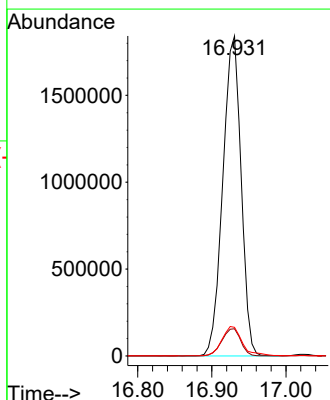
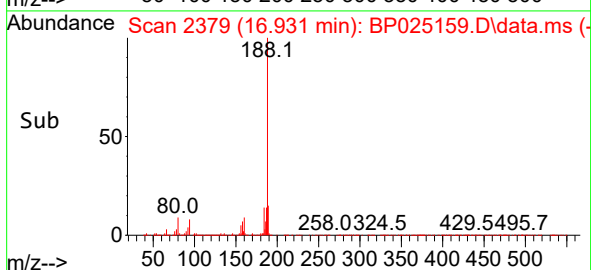
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

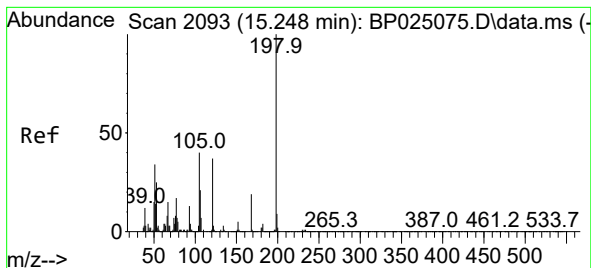


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.931 min Scan# 2379
Delta R.T. 0.024 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



Tgt Ion:188 Resp: 3146715
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 8.9 7.8 11.6





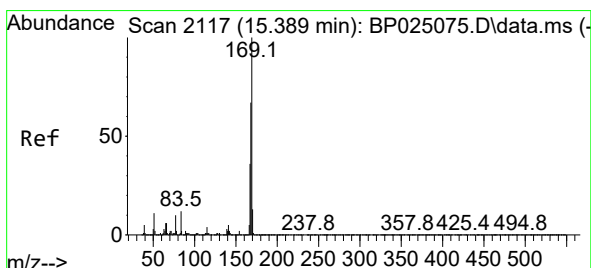
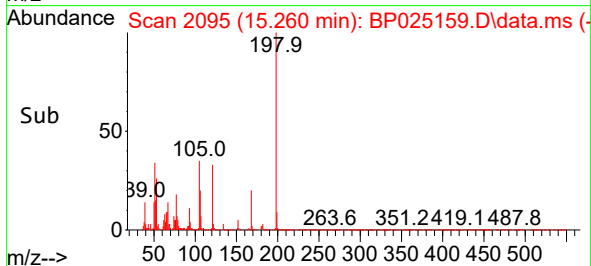
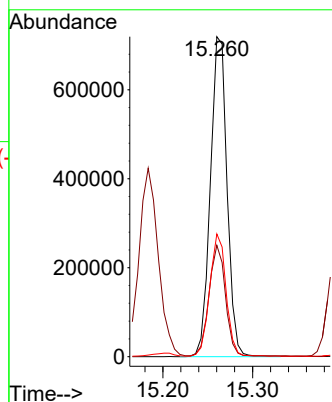
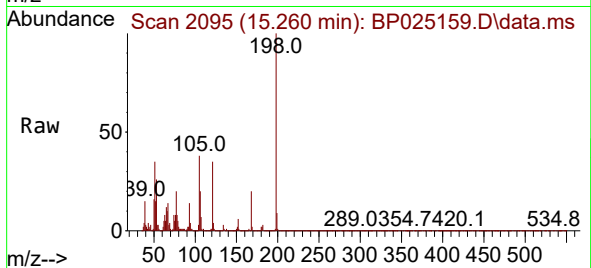
#65
4,6-Dinitro-2-methylphenol
Concen: 62.784 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Instrument :
BNA_P
ClientSampleId :
TP-16MS

Tgt Ion:198 Resp: 926880
Ion Ratio Lower Upper
198 100
51 34.8 16.8 56.8
105 38.4 20.8 60.8

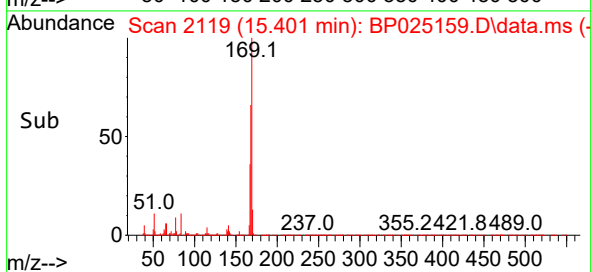
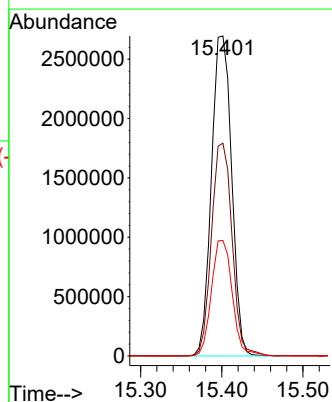
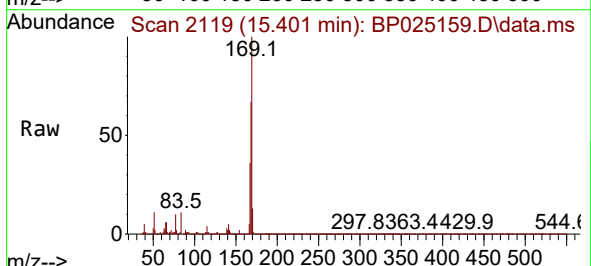
Manual Integrations
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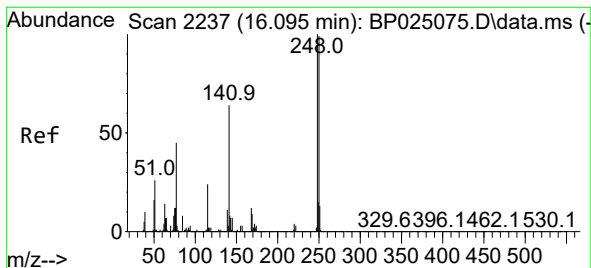
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#66
n-Nitrosodiphenylamine
Concen: 51.698 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

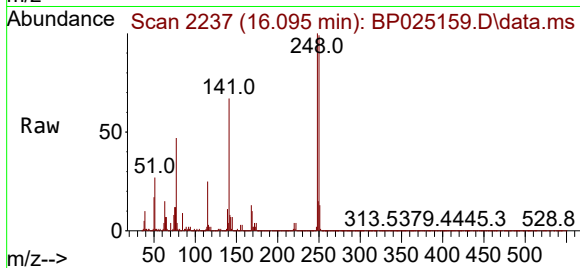
Tgt Ion:169 Resp: 4655642
Ion Ratio Lower Upper
169 100
168 66.5 54.1 81.1
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 54.705 ng
RT: 16.095 min Scan# 2237
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

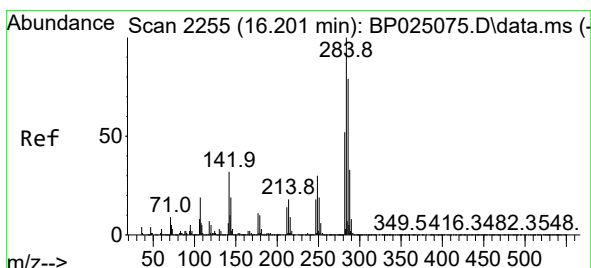
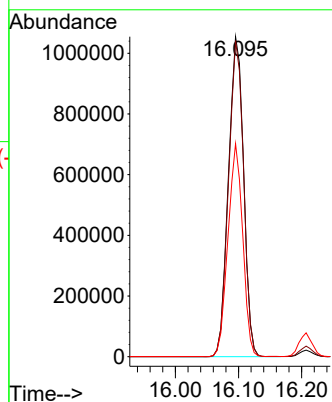
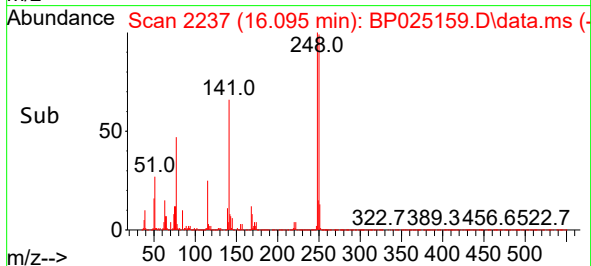
Instrument :
BNA_P
ClientSampleId :
TP-16MS



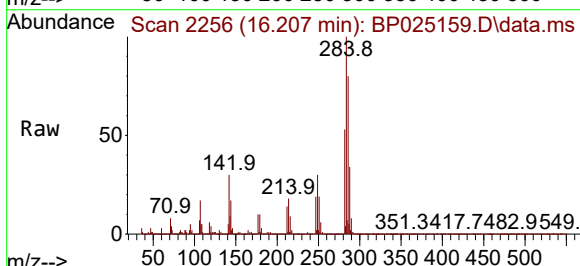
Tgt Ion:248 Resp: 1762530
Ion Ratio Lower Upper
248 100
250 98.8 79.4 119.2
141 66.6 51.4 77.0

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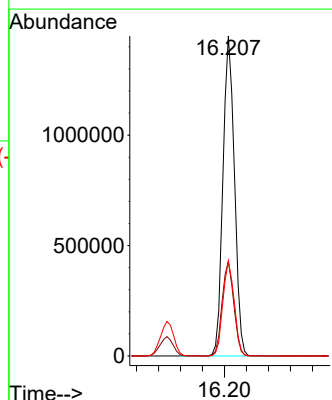
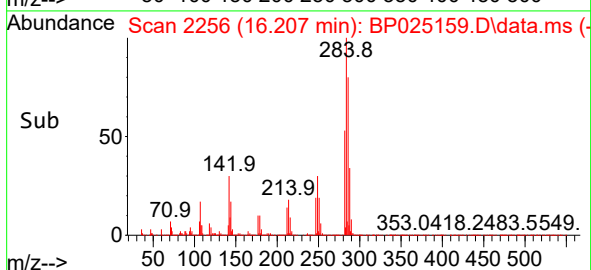
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

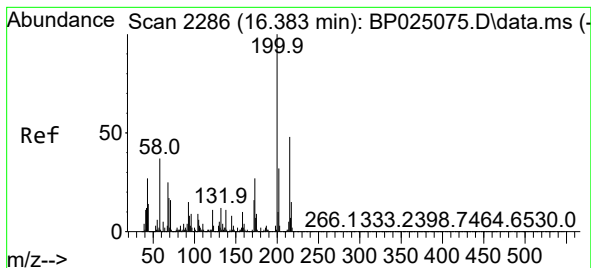


#68
Hexachlorobenzene
Concen: 53.318 ng
RT: 16.207 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



Tgt Ion:284 Resp: 2099680
Ion Ratio Lower Upper
284 100
142 29.6 25.9 38.9
249 29.7 23.8 35.8





#69

Atrazine

Concen: 62.577 ng

RT: 16.401 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:200 Resp: 165132

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

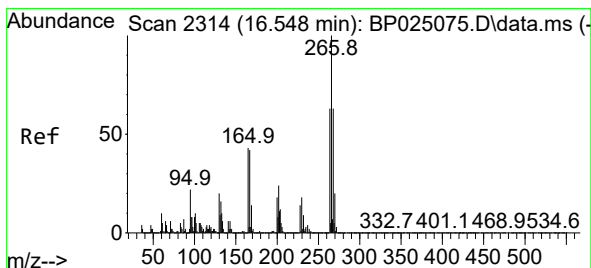
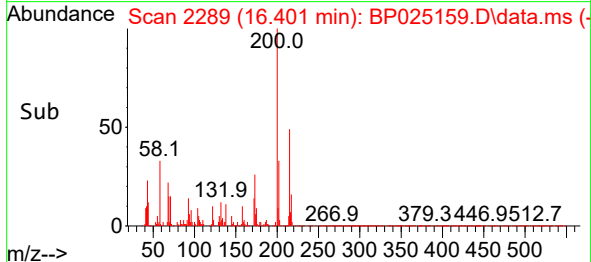
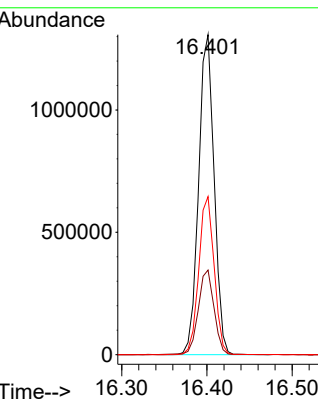
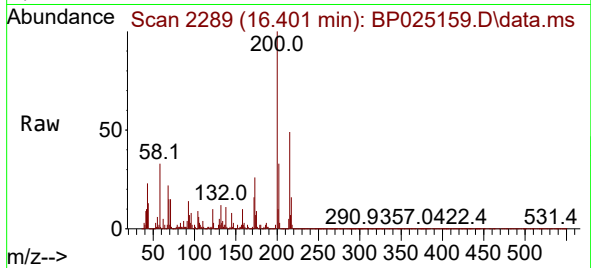
215 49.4 28.0 68.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#70

Pentachlorophenol

Concen: 107.829 ng

RT: 16.578 min Scan# 2319

Delta R.T. 0.030 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

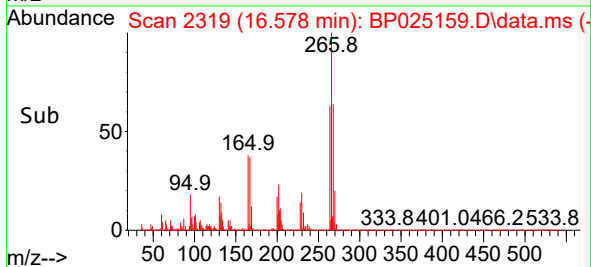
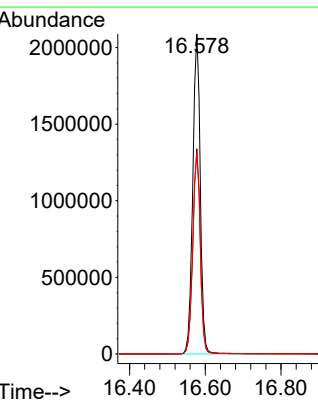
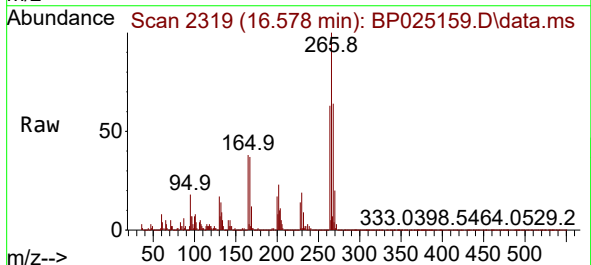
Tgt Ion:266 Resp: 2867779

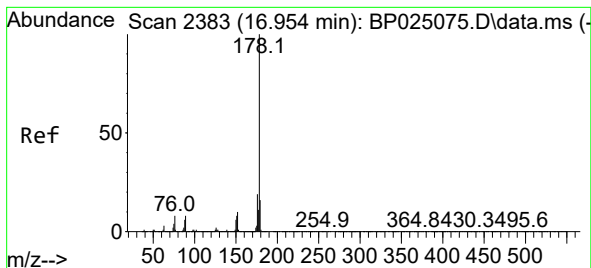
Ion Ratio Lower Upper

266 100

268 64.1 50.4 75.6

264 62.8 50.2 75.2





#71

Phenanthrene

Concen: 44.745 ng

RT: 16.972 min Scan# 2401

Delta R.T. 0.018 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:178 Resp: 752353

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

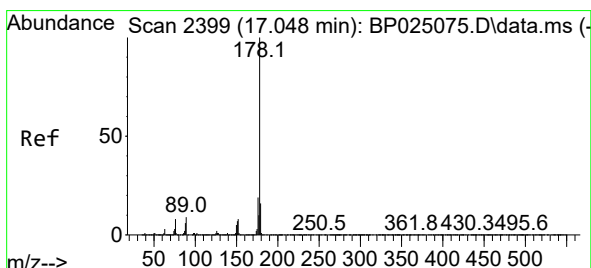
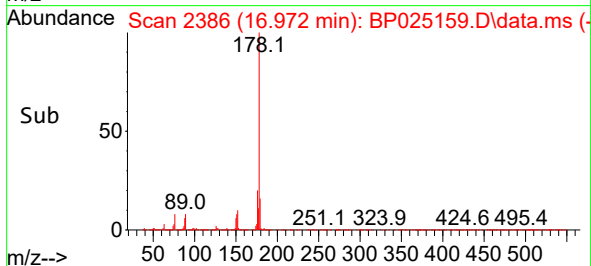
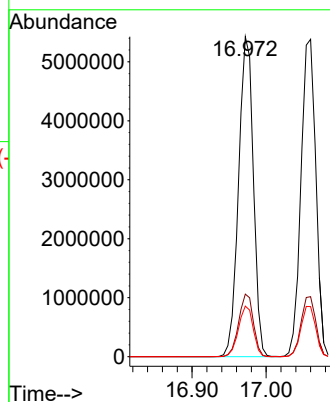
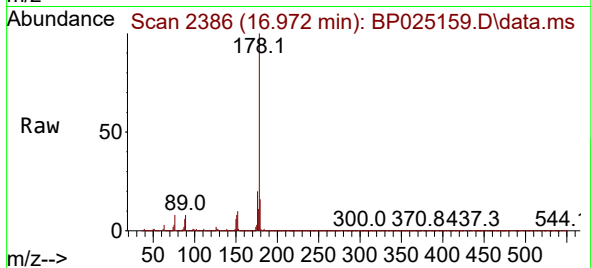
179 15.8 12.6 19.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#72

Anthracene

Concen: 46.579 ng

RT: 17.060 min Scan# 2401

Delta R.T. 0.012 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

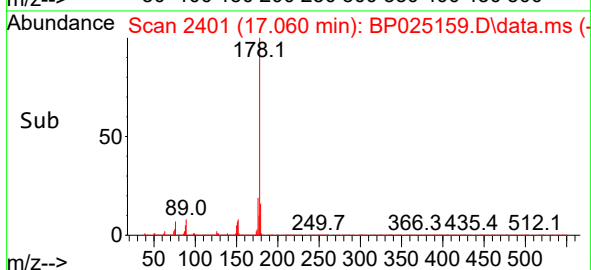
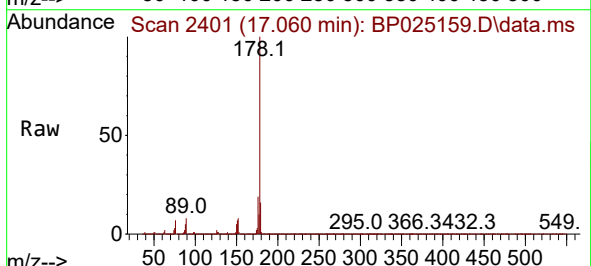
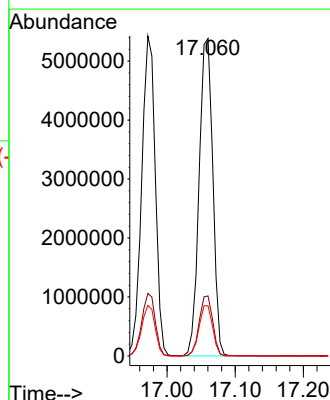
Tgt Ion:178 Resp: 7513699

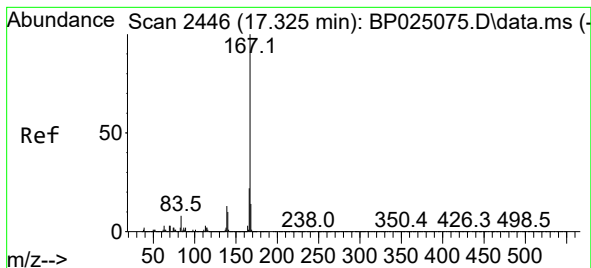
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.8 12.5 18.7





#73

Carbazole

Concen: 44.625 ng

RT: 17.342 min Scan# 2446

Delta R.T. 0.018 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:167 Resp: 703832

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

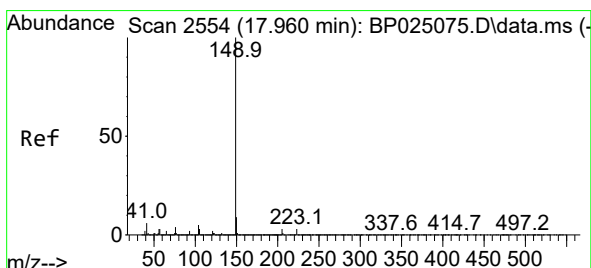
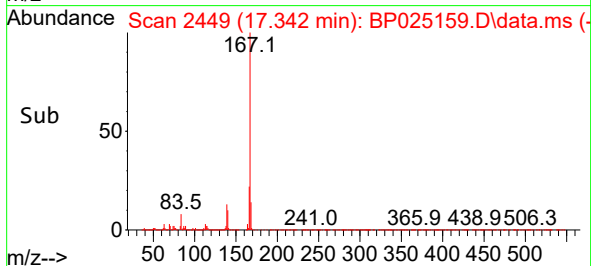
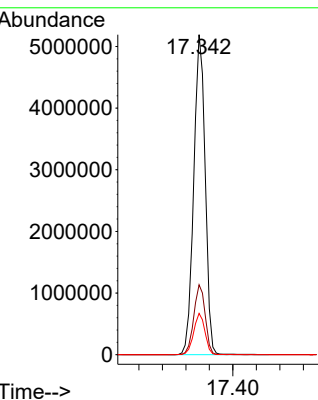
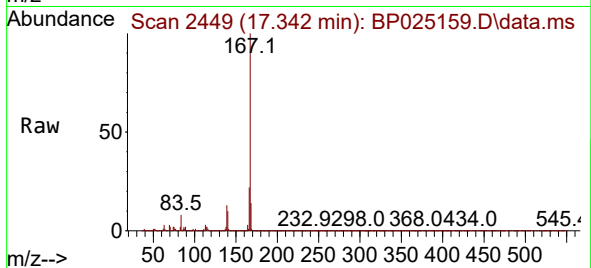
139 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#74

Di-n-butylphthalate

Concen: 49.054 ng

RT: 17.966 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

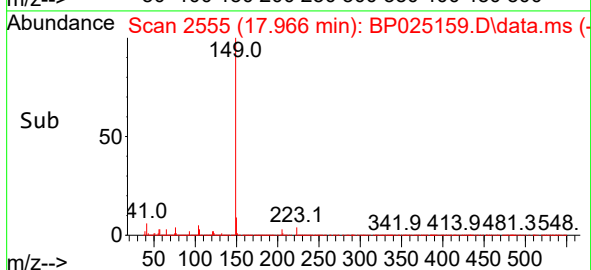
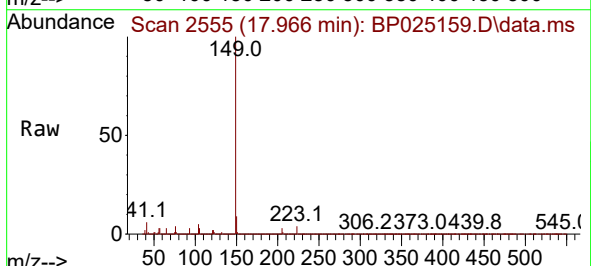
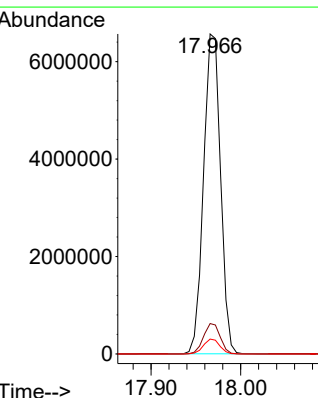
Tgt Ion:149 Resp: 8615571

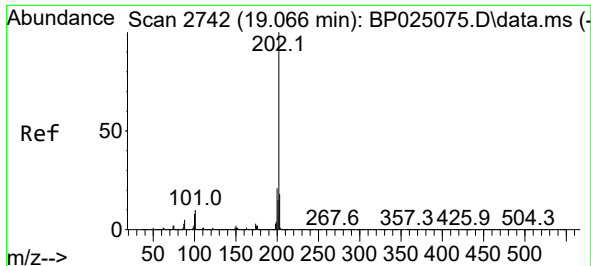
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

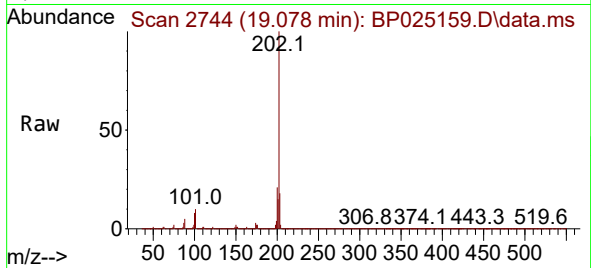
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 48.349 ng
RT: 19.078 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

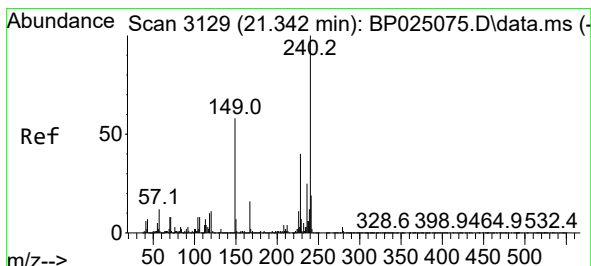
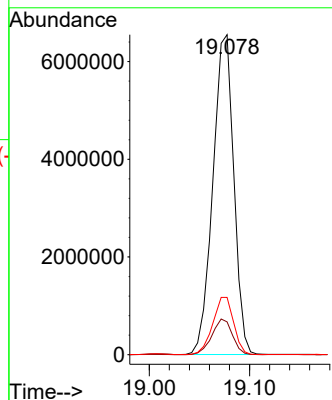
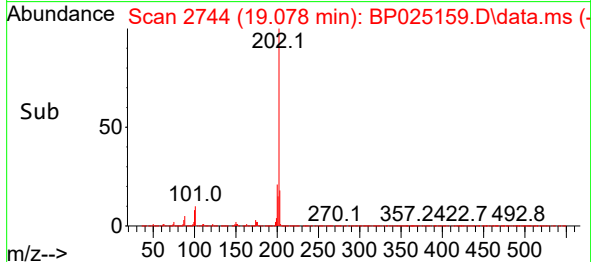
Instrument :
BNA_P
ClientSampleId :
TP-16MS



Tgt Ion:202 Resp: 9502502
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.9 0.0 37.6

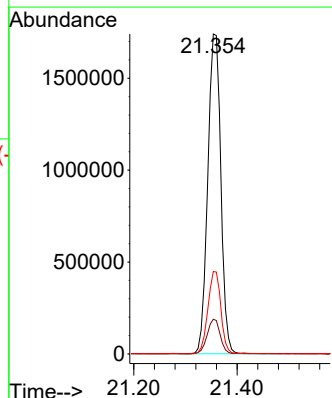
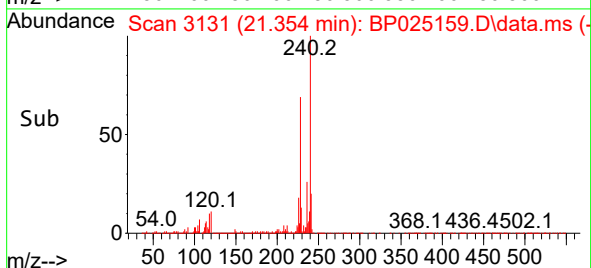
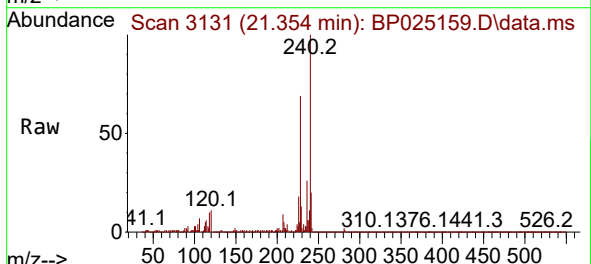
Manual Integrations
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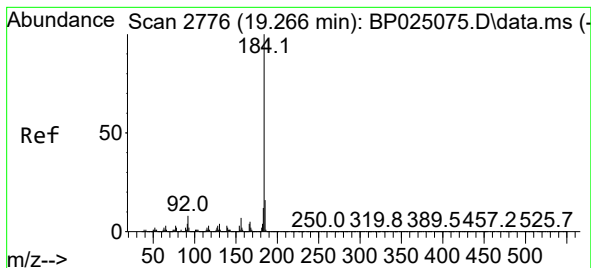
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Tgt Ion:240 Resp: 3051037
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.8 20.3 30.5





#77

Benzidine

Concen: 90.965 ng

RT: 19.272 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:184 Resp: 490168

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

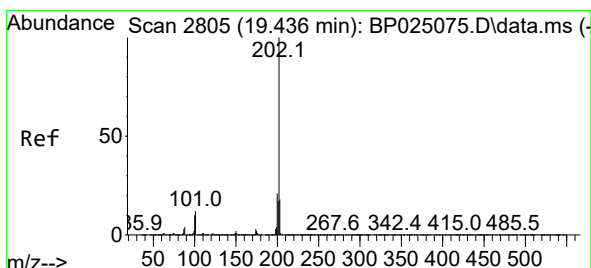
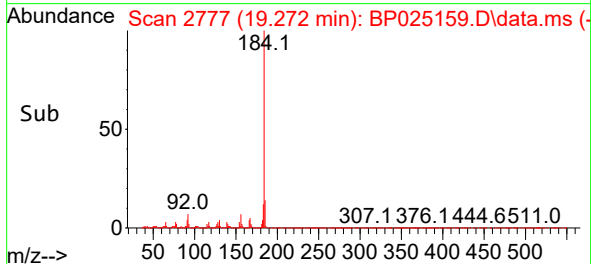
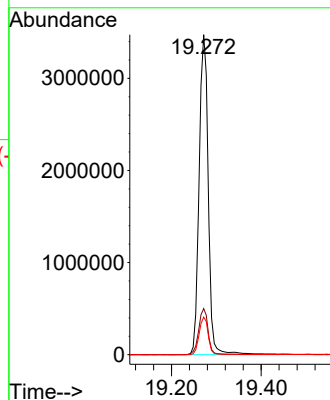
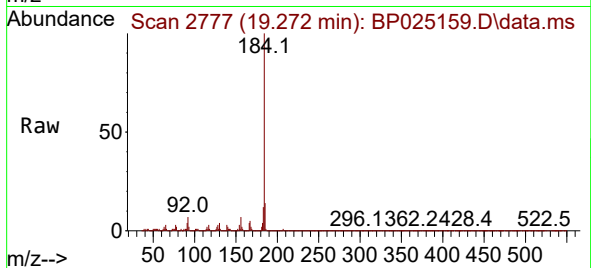
183 11.8 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#78

Pyrene

Concen: 51.977 ng

RT: 19.448 min Scan# 2807

Delta R.T. 0.012 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

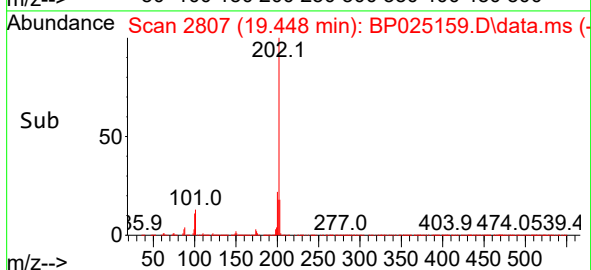
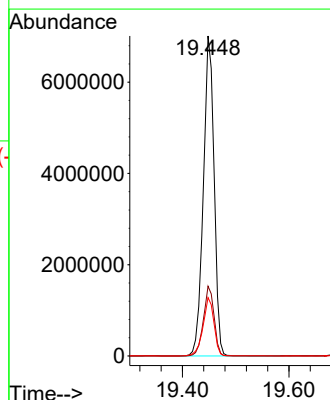
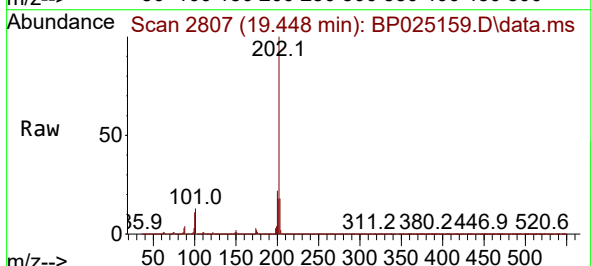
Tgt Ion:202 Resp: 9822297

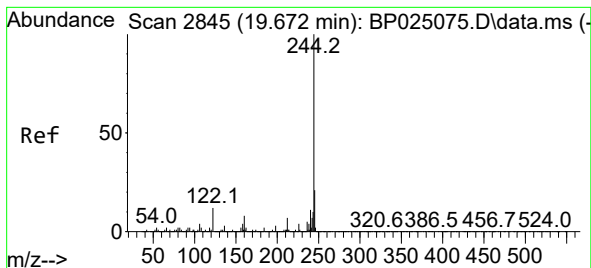
Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 75.673 ng

RT: 19.683 min Scan# 2845

Delta R.T. 0.012 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:244 Resp:10505149

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

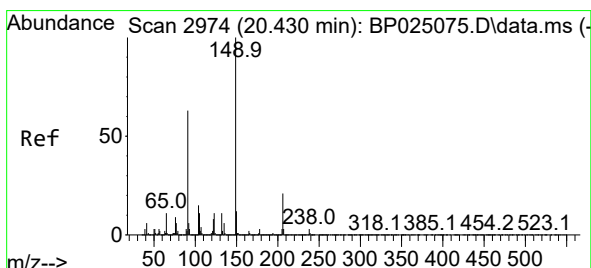
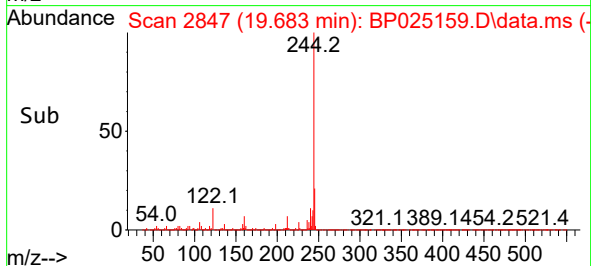
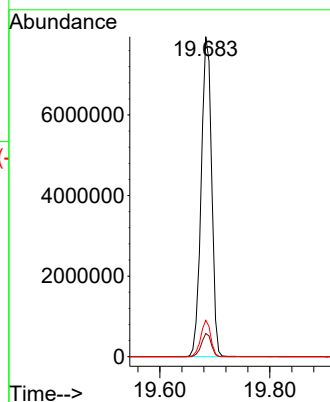
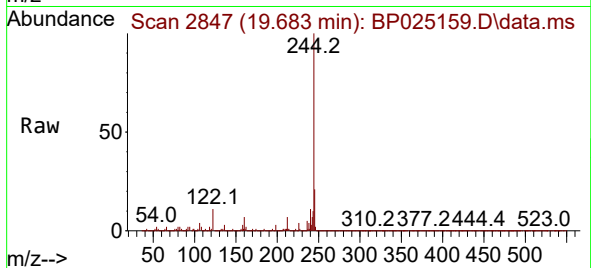
122 11.4 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#80

Butylbenzylphthalate

Concen: 55.264 ng

RT: 20.436 min Scan# 2975

Delta R.T. 0.006 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

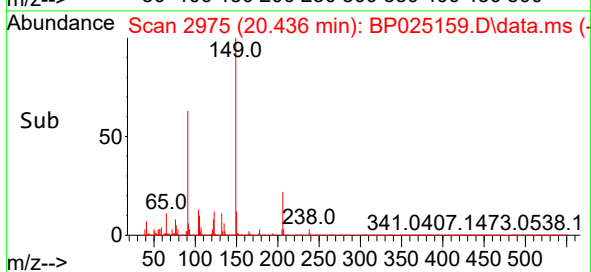
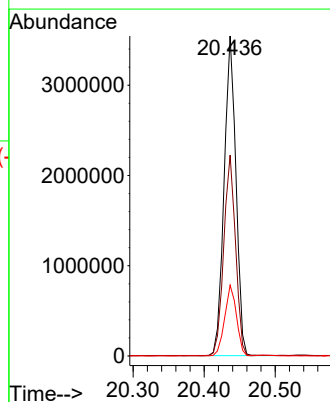
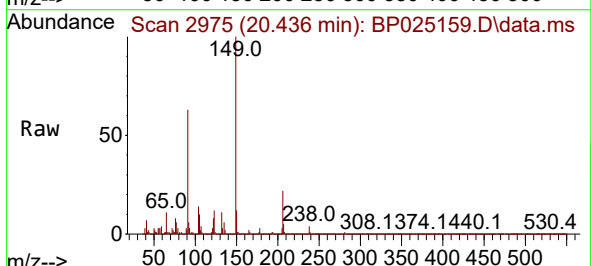
Tgt Ion:149 Resp: 4067605

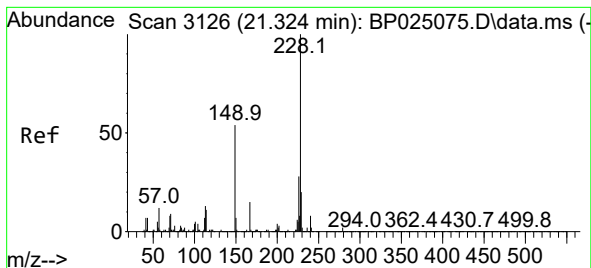
Ion Ratio Lower Upper

149 100

91 62.7 50.6 76.0

206 22.1 17.2 25.8





#81

Benzo(a)anthracene

Concen: 48.027 ng

RT: 21.336 min Scan# 3126

Delta R.T. 0.012 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:228 Resp: 8880050

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

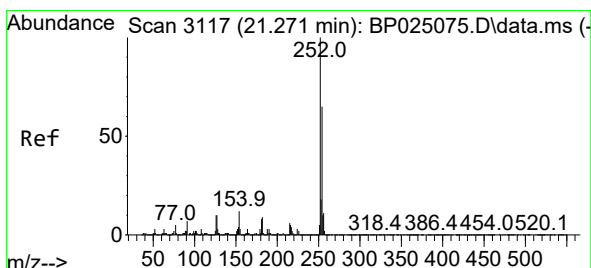
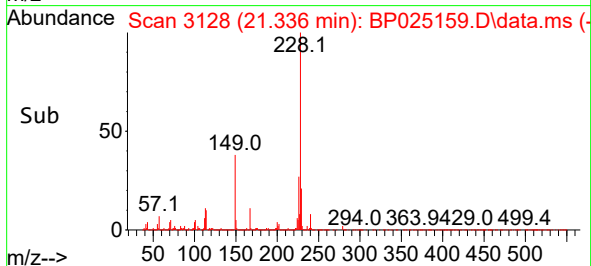
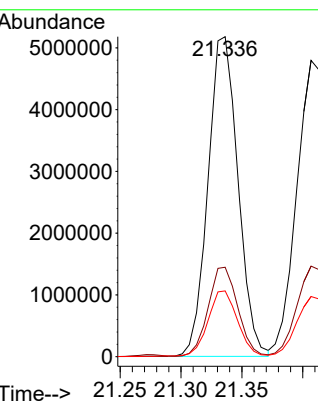
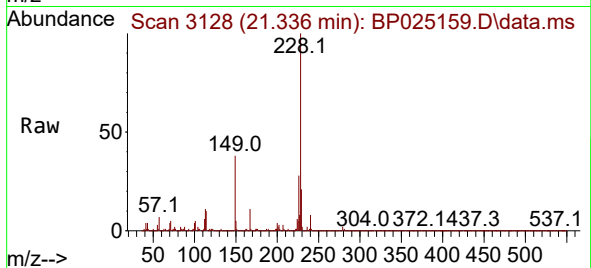
229 20.6 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#82

3,3'-Dichlorobenzidine

Concen: 49.913 ng

RT: 21.272 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

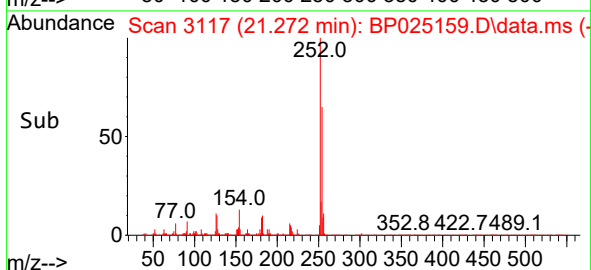
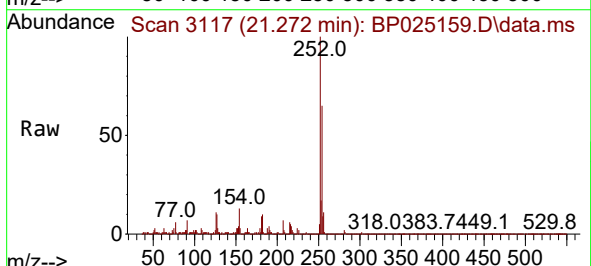
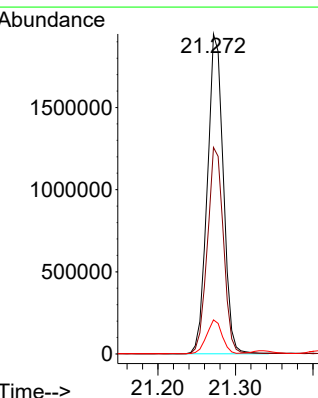
Tgt Ion:252 Resp: 2778197

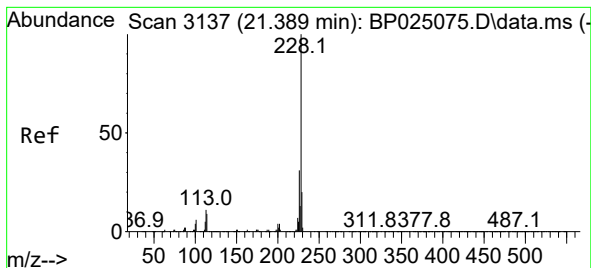
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 10.7 8.1 12.1





#83

Chrysene

Concen: 46.697 ng

RT: 21.407 min Scan# 3140

Delta R.T. 0.018 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:228 Resp: 8308979

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

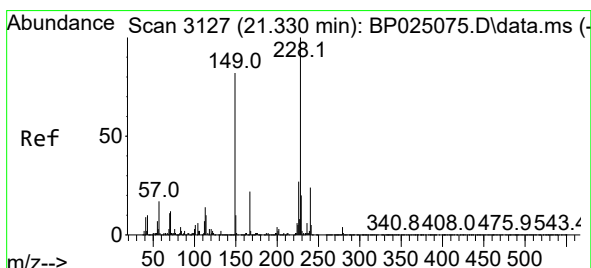
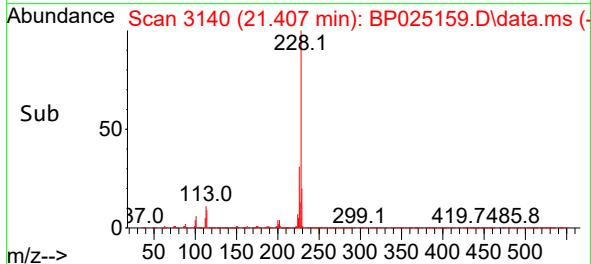
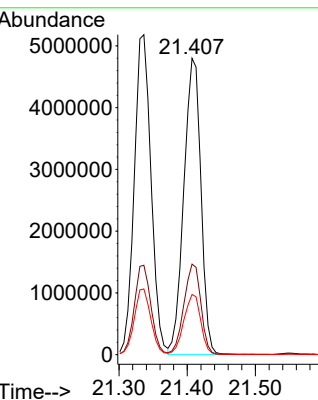
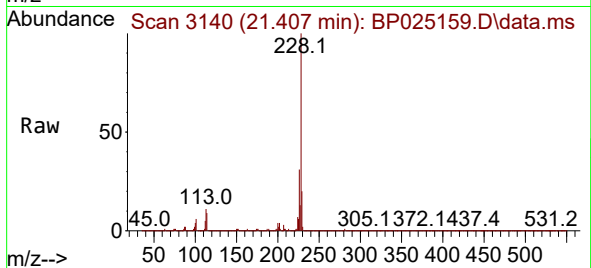
229 20.3 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.748 ng

RT: 21.325 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

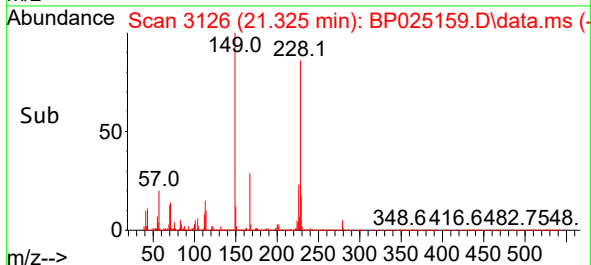
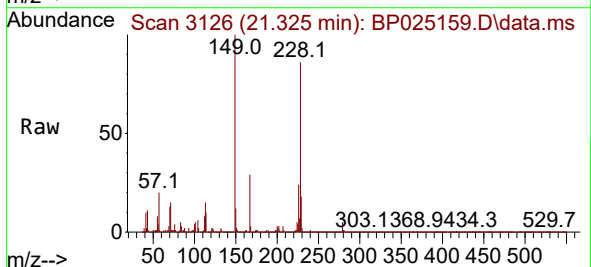
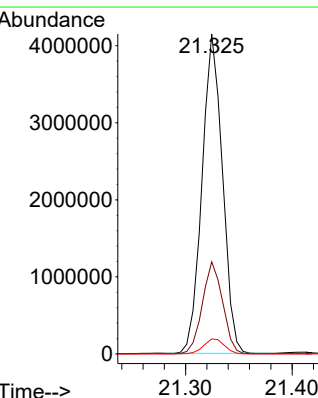
Tgt Ion:149 Resp: 5528915

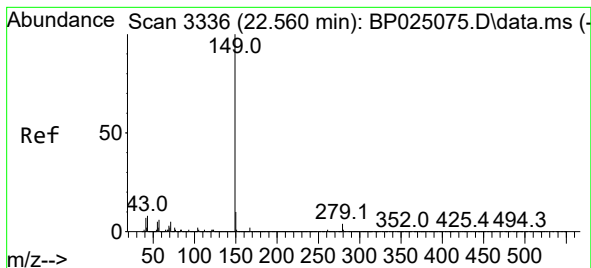
Ion Ratio Lower Upper

149 100

167 28.8 21.9 32.9

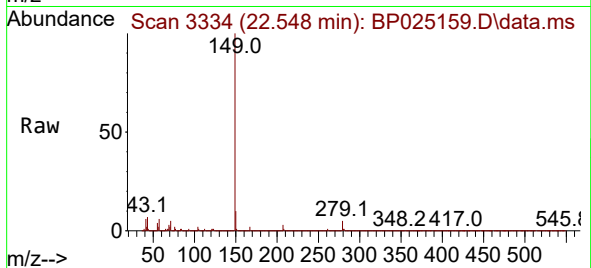
279 4.7 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 52.100 ng
RT: 22.548 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

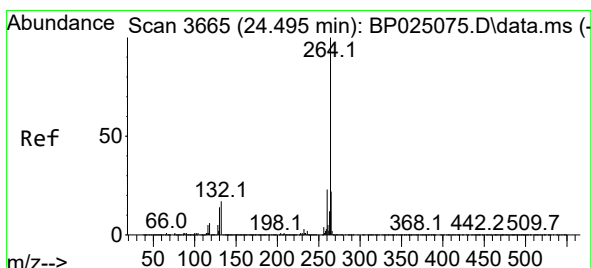
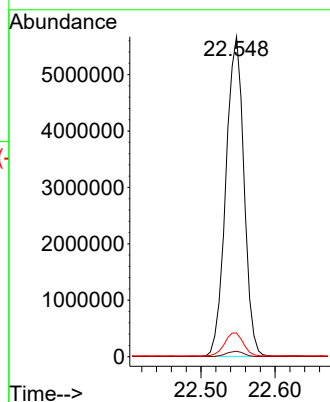
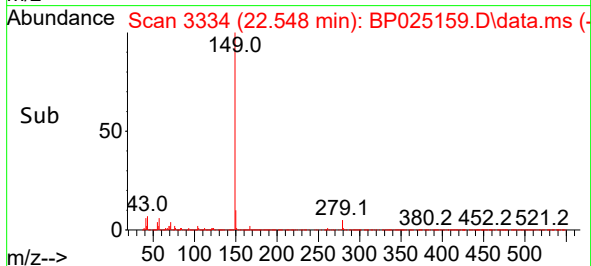
Instrument :
BNA_P
ClientSampleId :
TP-16MS



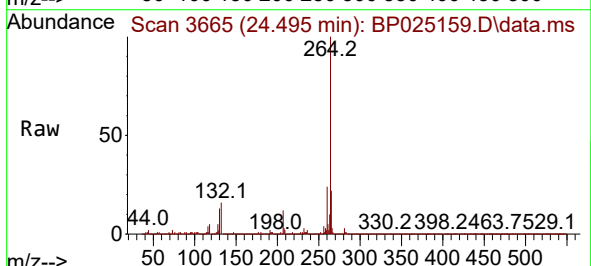
Tgt Ion:149 Resp: 958318
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.9 10.3

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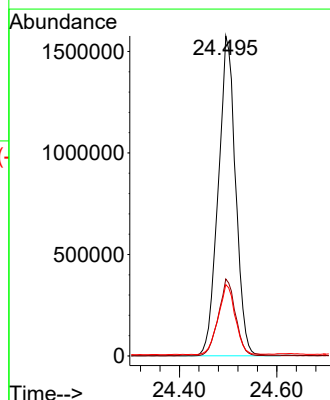
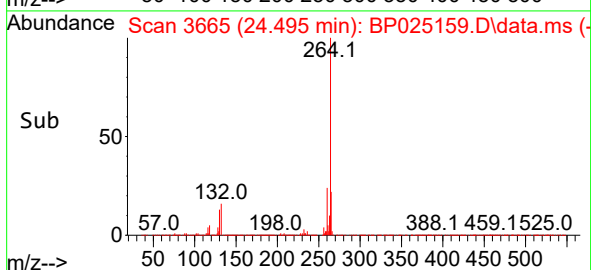
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

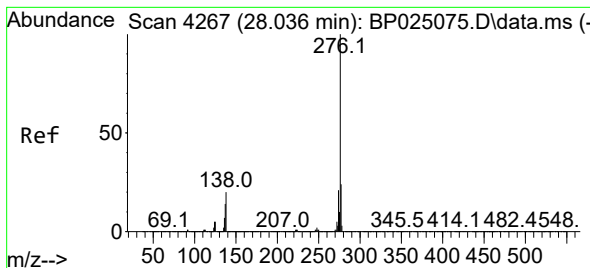


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



Tgt Ion:264 Resp: 3895621
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.718 ng m

RT: 28.065 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TP-16MS

Tgt Ion:276 Resp:1333132

Ion Ratio Lower Upper

276 100

138 16.0 13.0 19.6

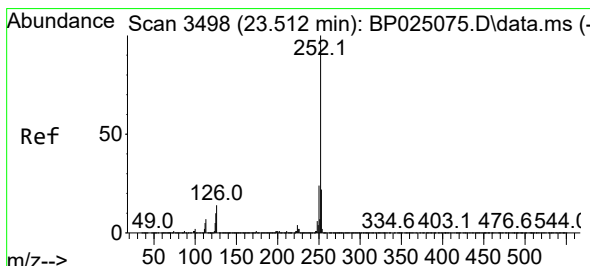
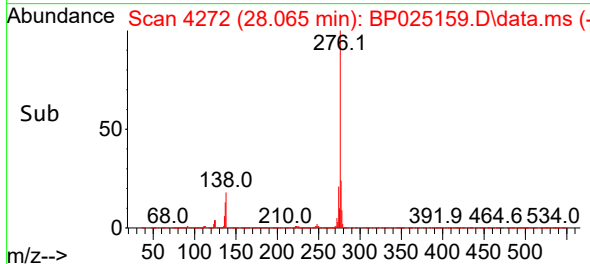
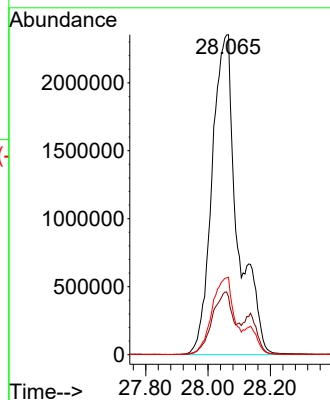
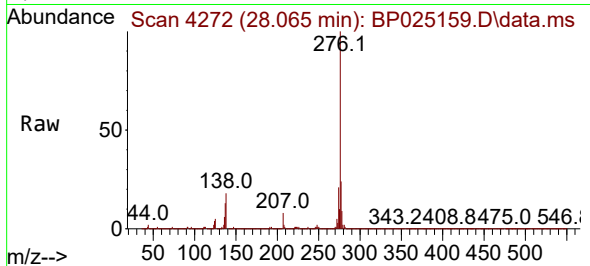
277 20.7 15.9 23.9

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: 43.519 ng

RT: 23.524 min Scan# 3500

Delta R.T. 0.012 min

Lab File: BP025159.D

Acq: 16 Jul 2025 15:31

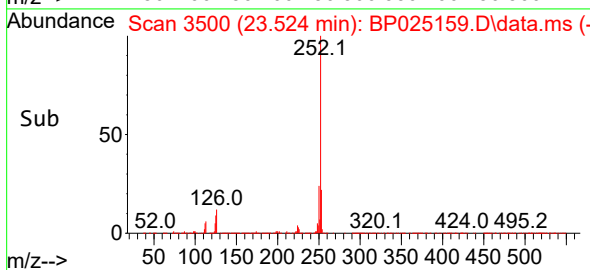
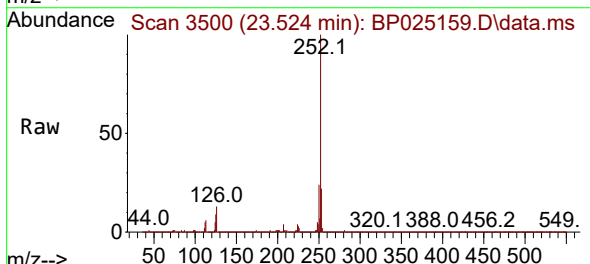
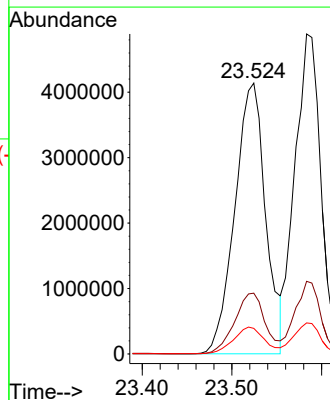
Tgt Ion:252 Resp: 9867684

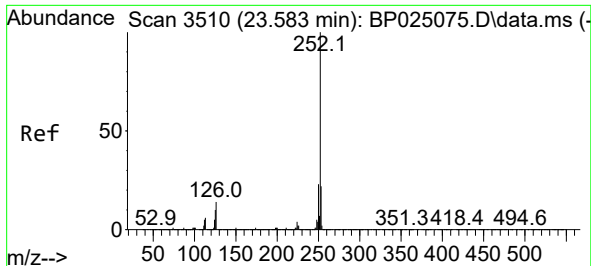
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 9.4 8.1 12.1





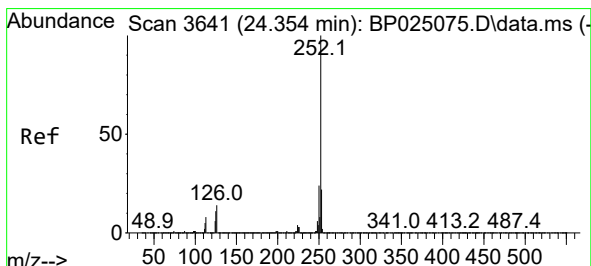
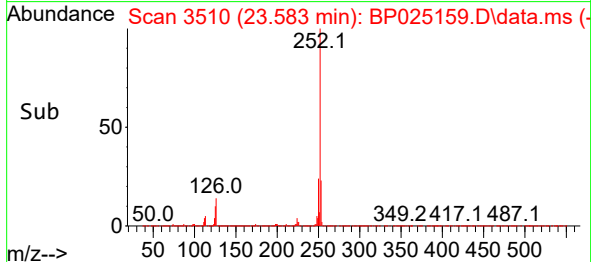
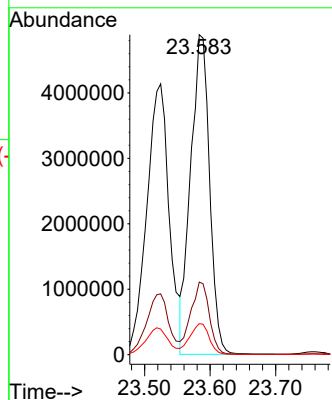
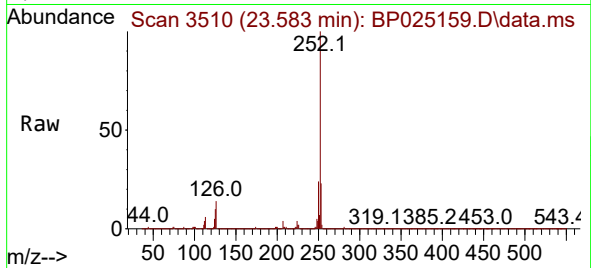
#89
Benzo(k)fluoranthene
Concen: 43.355 ng
RT: 23.583 min Scan# 3510
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

Instrument :
BNA_P
ClientSampleId :
TP-16MS

Tgt Ion:252 Resp: 9781340
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.7 8.2 12.2

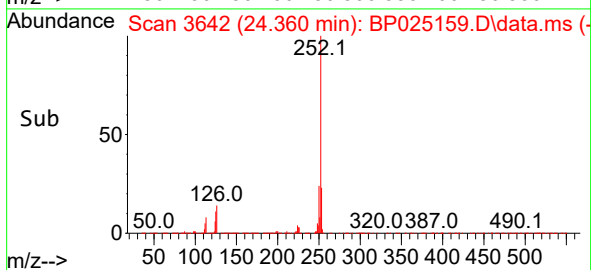
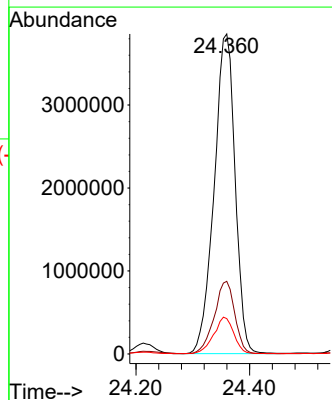
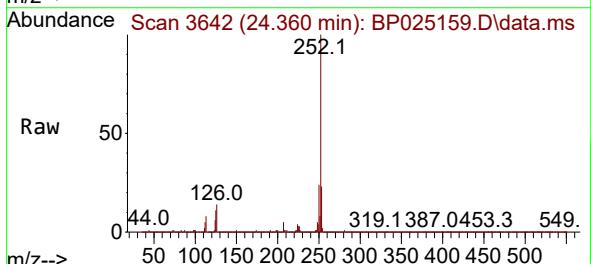
Manual Integrations
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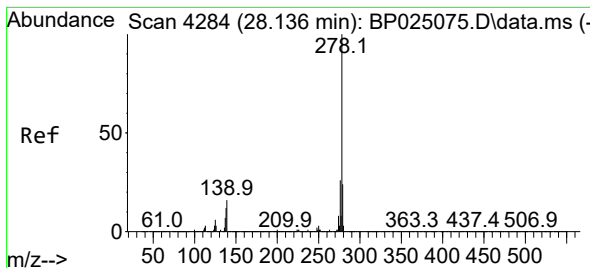
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#90
Benzo(a)pyrene
Concen: 51.157 ng
RT: 24.360 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

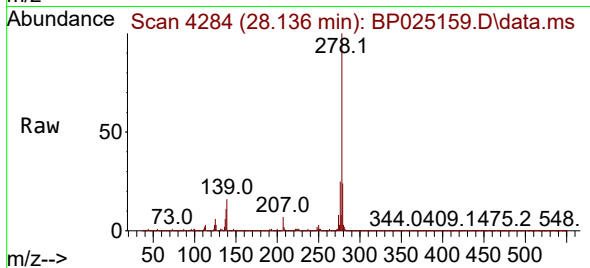
Tgt Ion:252 Resp: 9872374
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 11.0 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 51.712 ng
RT: 28.136 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31

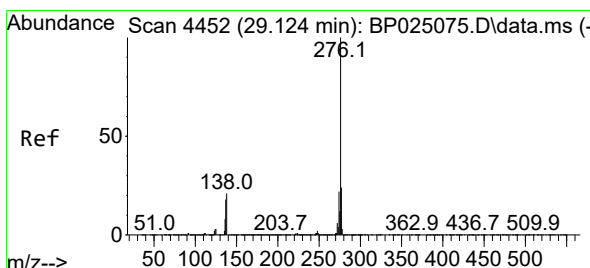
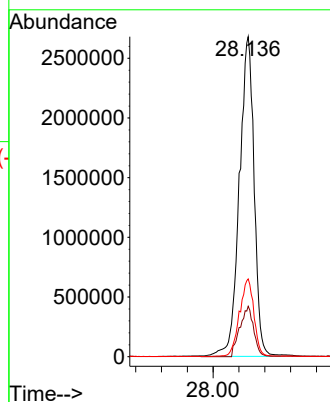
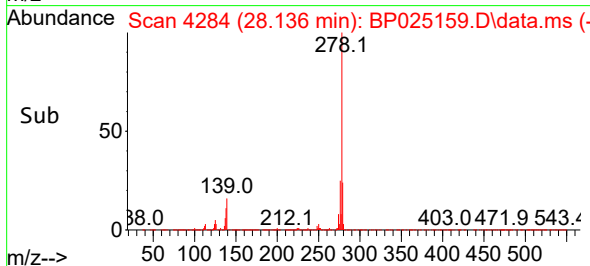
Instrument :
BNA_P
ClientSampleId :
TP-16MS



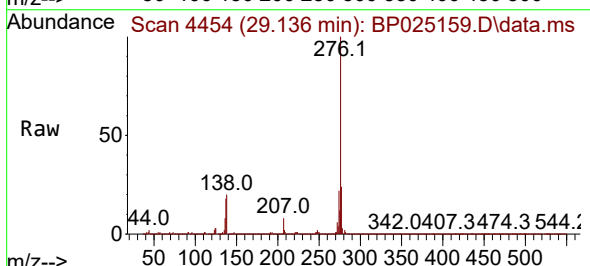
Tgt Ion: 278 Resp: 1060817
Ion Ratio Lower Upper
278 100
139 15.8 13.1 19.7
279 24.3 18.9 28.3

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.702 ng
RT: 29.136 min Scan# 4454
Delta R.T. 0.012 min
Lab File: BP025159.D
Acq: 16 Jul 2025 15:31



Tgt Ion: 276 Resp: 10744660
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 20.4 16.9 25.3

