

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025517.D
 Acq On : 20 Aug 2025 21:52
 Operator : CG/JU
 Sample : Q2819-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22BP-WMSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 01:38:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	184860	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	722280	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	447048	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	890323	20.000	ng	0.00
76) Chrysene-d12	21.654	240	903947	20.000	ng	0.00
86) Perylene-d12	25.019	264	1025346	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1144678	102.833	ng	0.00
7) Phenol-d6	6.967	99	1445596	101.293	ng	0.00
23) Nitrobenzene-d5	8.931	82	936777	65.608	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	623372	103.597	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1983638	60.642	ng	0.00
79) Terphenyl-d14	19.925	244	2999909	60.718	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	182983	41.967	ng	98
3) Pyridine	3.726	79	493698	41.368	ng	95
4) n-Nitrosodimethylamine	3.631	42	247455	50.295	ng	93
6) Aniline	7.119	93	649735	33.790	ng	97
8) 2-Chlorophenol	7.361	128	608568	48.448	ng	100
9) Benzaldehyde	6.937	77	285008	28.504	ng	97
10) Phenol	6.996	94	715775	47.797	ng	96
11) bis(2-Chloroethyl)ether	7.214	93	538406	46.128	ng	97
12) 1,3-Dichlorobenzene	7.678	146	650335	46.952	ng	99
13) 1,4-Dichlorobenzene	7.825	146	649360	45.868	ng	100
14) 1,2-Dichlorobenzene	8.137	146	625644	45.653	ng	99
15) Benzyl Alcohol	8.025	79	528480	46.605	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.308	45	736456	47.100	ng	98
17) 2-Methylphenol	8.225	107	484474	46.581	ng	99
18) Hexachloroethane	8.861	117	249463	47.925	ng	97
19) n-Nitroso-di-n-propyla...	8.584	70	405488	42.894	ng	95
20) 3+4-Methylphenols	8.549	107	658121	45.649	ng	96
22) Acetophenone	8.596	105	852338	47.056	ng	# 97
24) Nitrobenzene	8.966	77	613843	48.104	ng	99
25) Isophorone	9.496	82	1155702	45.736	ng	98
26) 2-Nitrophenol	9.672	139	323093	49.335	ng	96
27) 2,4-Dimethylphenol	9.737	122	533447	47.366	ng	96
28) bis(2-Chloroethoxy)met...	9.966	93	707355	46.309	ng	99
29) 2,4-Dichlorophenol	10.213	162	555155	49.622	ng	98
30) 1,2,4-Trichlorobenzene	10.419	180	572771	46.702	ng	97
31) Naphthalene	10.613	128	1739431	46.334	ng	99
32) Benzoic acid	9.890	122	431194	51.860	ng	96
33) 4-Chloroaniline	10.708	127	377734	22.779	ng	99
34) Hexachlorobutadiene	10.902	225	370916	48.563	ng	98
35) Caprolactam	11.502	113	187670	45.747	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	615878	47.974	ng	97
37) 2-Methylnaphthalene	12.213	142	1096821	44.896	ng	98
38) 1-Methylnaphthalene	12.437	142	1157054	44.535	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	625693	48.461	ng	98
41) Hexachlorocyclopentadiene	12.566	237	802842	102.943	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	442620	50.780	ng	99

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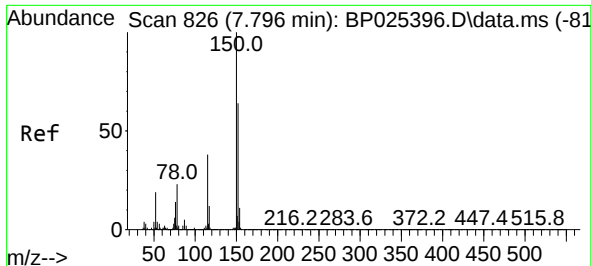
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	490354	51.330	ng	99
46) 1,1'-Biphenyl	13.231	154	1568313	48.304	ng	99
47) 2-Chloronaphthalene	13.272	162	1201838	47.550	ng	99
48) 2-Nitroaniline	13.466	65	380529	51.670	ng	98
49) Acenaphthylene	14.119	152	2000907	47.841	ng	100
50) Dimethylphthalate	13.860	163	1548844	47.312	ng	100
51) 2,6-Dinitrotoluene	13.966	165	342534	49.643	ng	95
52) Acenaphthene	14.466	154	1145454	46.659	ng	98
53) 3-Nitroaniline	14.296	138	234663	30.228	ng	92
54) 2,4-Dinitrophenol	14.513	184	436661	118.504	ng	98
55) Dibenzofuran	14.807	168	1839493	47.393	ng	98
56) 4-Nitrophenol	14.625	139	653354	102.419	ng	93
57) 2,4-Dinitrotoluene	14.766	165	502093	51.002	ng	97
58) Fluorene	15.466	166	1413344	46.148	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	422581	50.097	ng	98
60) Diethylphthalate	15.243	149	1602496	48.175	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	704890	46.278	ng	97
62) 4-Nitroaniline	15.484	138	380825	47.851	ng	96
63) Azobenzene	15.760	77	1553558	54.544	ng	98
65) 4,6-Dinitro-2-methylph...	15.548	198	287397	51.785	ng	92
66) n-Nitrosodiphenylamine	15.678	169	1274387	46.939	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	460977	47.077	ng	95
68) Hexachlorobenzene	16.495	284	537114	47.319	ng	100
69) Atrazine	16.660	200	502043	49.377	ng	98
70) Pentachlorophenol	16.854	266	733038	102.305	ng	98
71) Phenanthrene	17.254	178	2332780	47.697	ng	100
72) Anthracene	17.348	178	2303551	46.121	ng	100
73) Carbazole	17.625	167	2239338	47.601	ng	99
74) Di-n-butylphthalate	18.219	149	2892663	49.977	ng	100
75) Fluoranthene	19.336	202	2780027	47.653	ng	99
77) Benzidine	19.531	184	1311867	42.524	ng	99
78) Pyrene	19.713	202	2862551	48.721	ng	99
80) Butylbenzylphthalate	20.654	149	1352098	50.777	ng	99
81) Benzo(a)anthracene	21.636	228	2870654	48.153	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	747438	33.263	ng	99
83) Chrysene	21.701	228	2684186	48.078	ng	99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1972886	50.332	ng	99
85) Di-n-octyl phthalate	22.860	149	3483541	51.668	ng	99
87) Indeno(1,2,3-cd)pyrene	28.883	276	3754265m	49.927	ng	
88) Benzo(b)fluoranthene	23.942	252	3016187	49.886	ng	99
89) Benzo(k)fluoranthene	24.024	252	2975796	49.184	ng	99
90) Benzo(a)pyrene	24.866	252	2906291	49.381	ng	100
91) Dibenzo(a,h)anthracene	28.959	278	3060770	49.809	ng	98
92) Benzo(g,h,i)perylene	30.059	276	3035965	50.261	ng	99

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



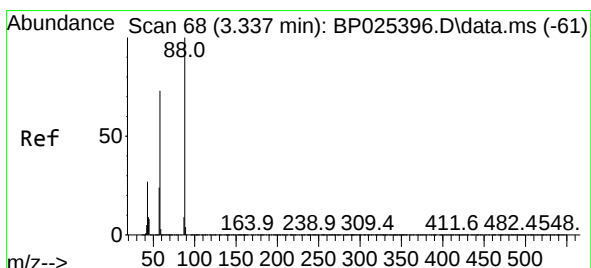
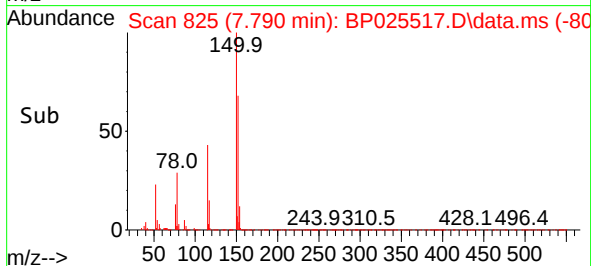
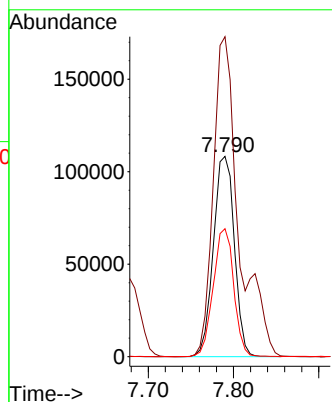
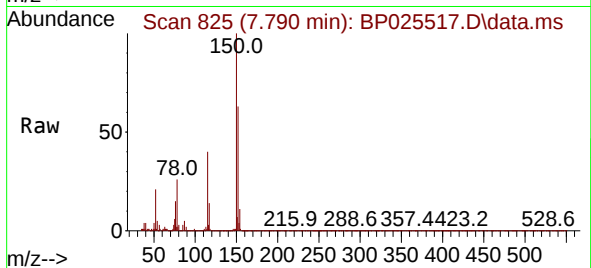
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 184860
Ion Ratio Lower Upper
152 100
150 159.8 125.9 188.9
115 63.9 48.5 72.7

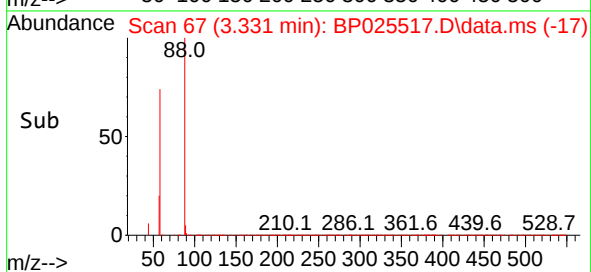
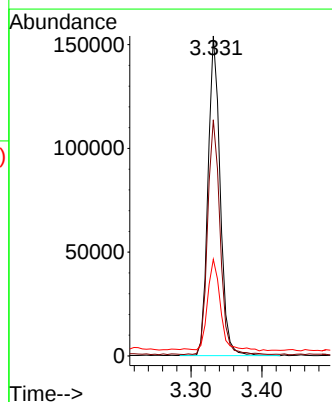
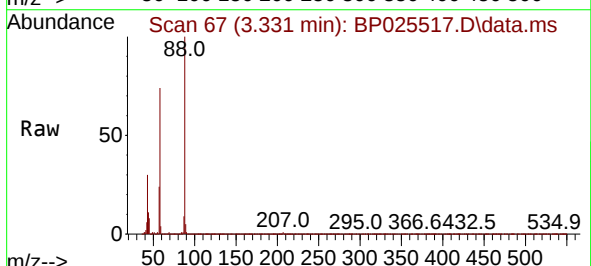
Manual Integrations
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#2
1,4-Dioxane
Concen: 41.967 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

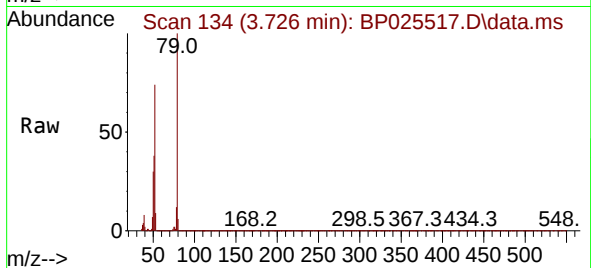
Tgt Ion: 88 Resp: 182983
Ion Ratio Lower Upper
88 100
58 75.4 59.2 88.8
43 29.6 21.7 32.5





#3
Pyridine
Concen: 41.368 ng
RT: 3.726 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

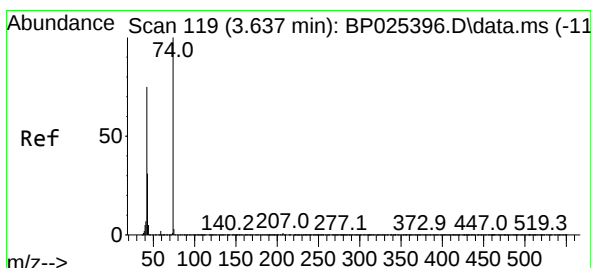
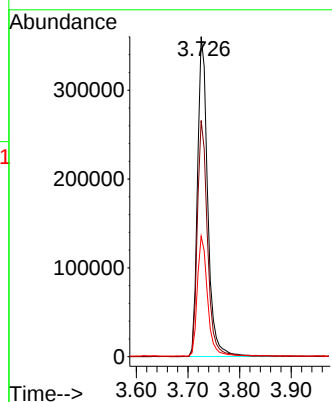
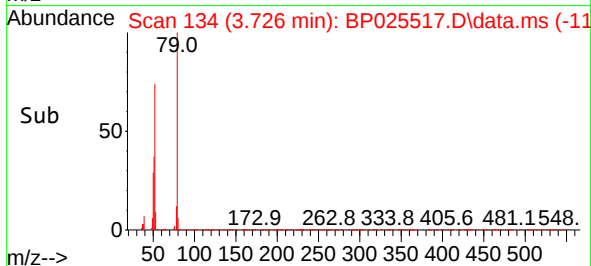
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



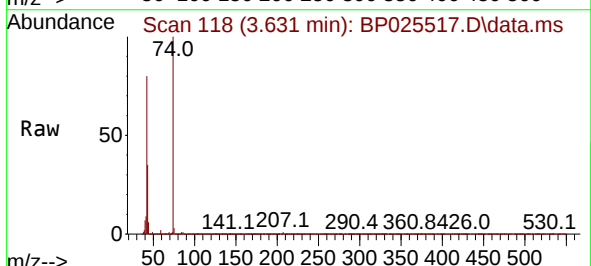
Tgt Ion: 79 Resp: 493698
Ion Ratio Lower Upper
79 100
52 73.8 55.5 83.3
51 37.6 28.3 42.5

Manual Integrations
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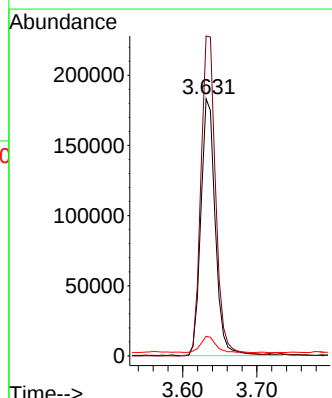
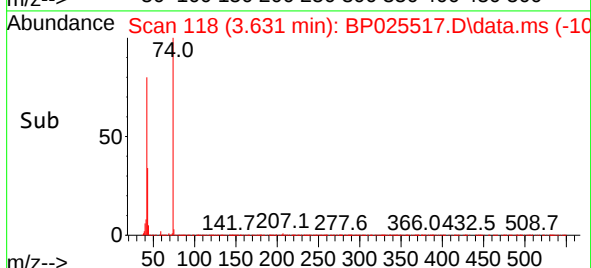
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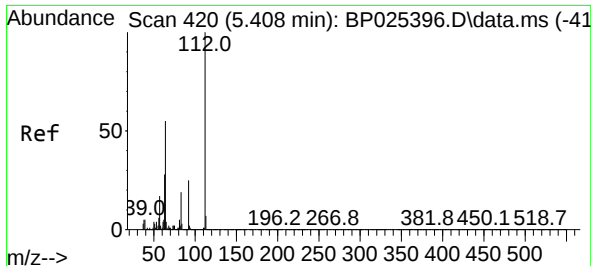


#4
n-Nitrosodimethylamine
Concen: 50.295 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



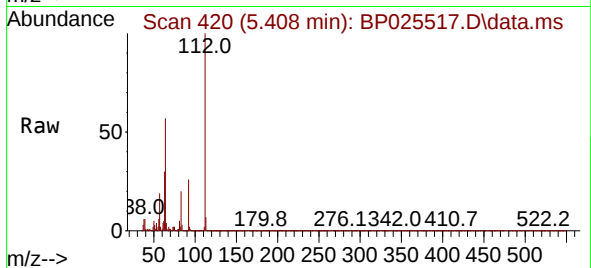
Tgt Ion: 42 Resp: 247455
Ion Ratio Lower Upper
42 100
74 124.4 107.0 160.4
44 7.6 6.2 9.4





#5
2-Fluorophenol
Concen: 102.833 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

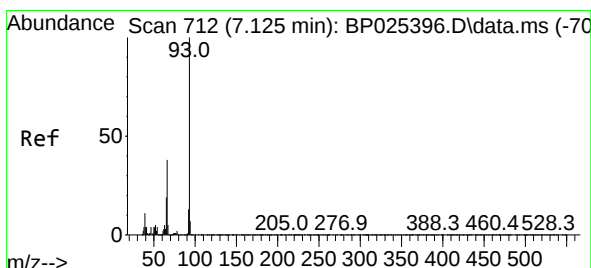
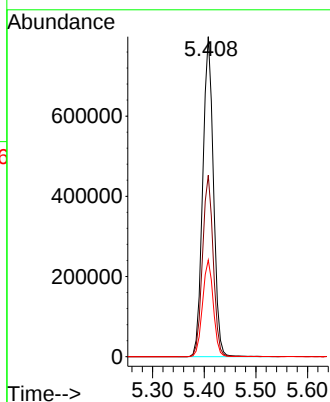
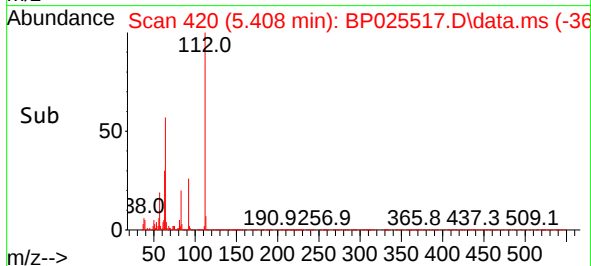
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ClientSampleId :
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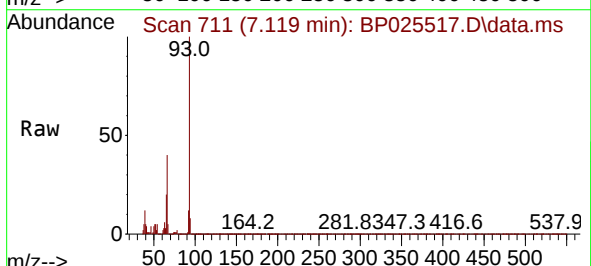
Tgt Ion:112 Resp: 1144678
Ion Ratio Lower Upper
112 100
64 56.7 43.8 65.8
63 30.2 22.7 34.1

Manual Integrations
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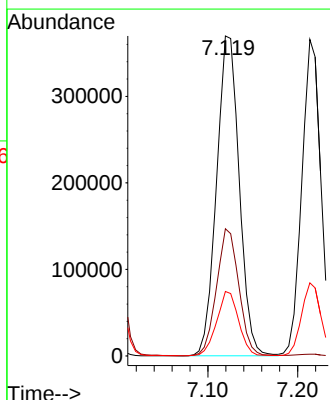
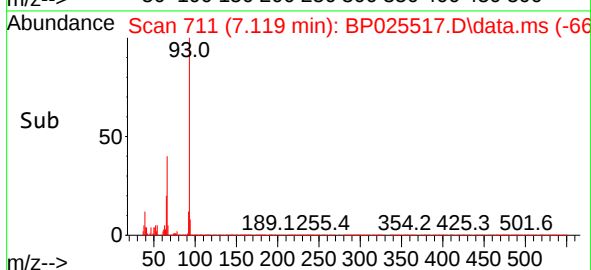
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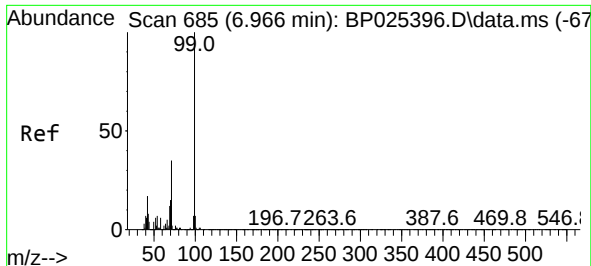


#6
Aniline
Concen: 33.790 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



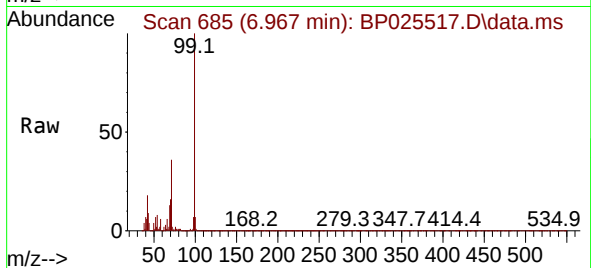
Tgt Ion: 93 Resp: 649735
Ion Ratio Lower Upper
93 100
66 39.8 30.4 45.6
65 20.1 15.3 22.9





#7
Phenol-d6
Concen: 101.293 ng
RT: 6.967 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

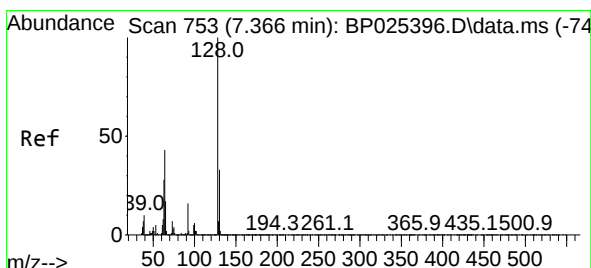
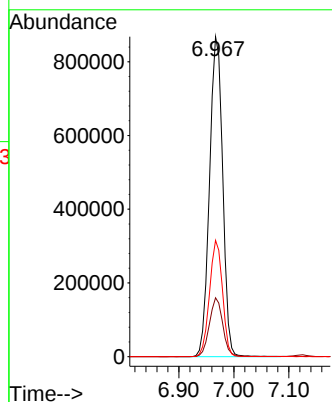
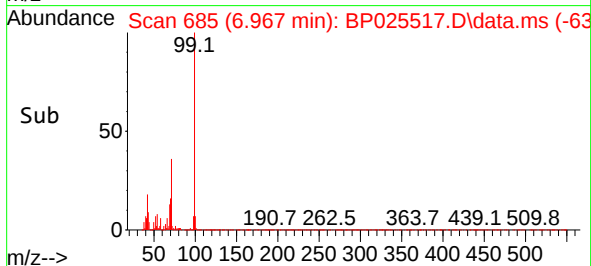
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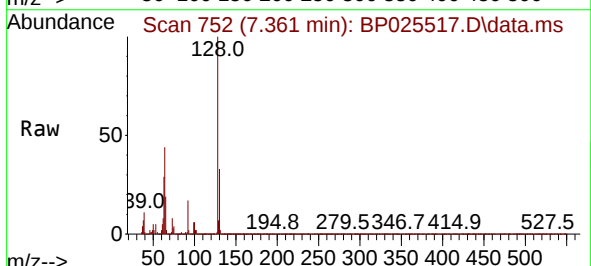
Tgt Ion: 99 Resp: 1445590
Ion Ratio Lower Upper
99 100
42 18.4 13.7 20.5
71 36.4 28.2 42.4

Manual Integrations
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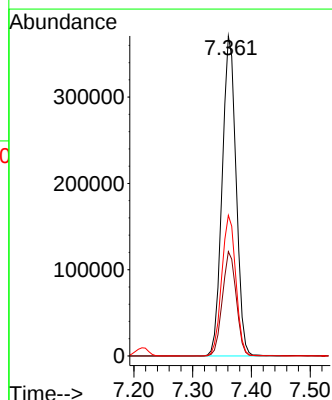
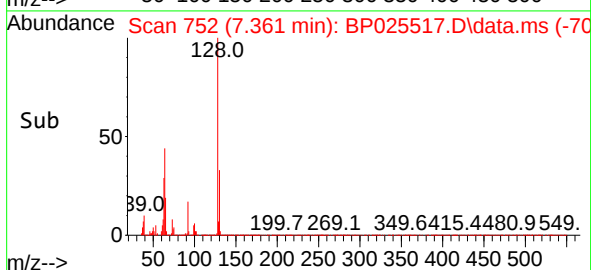
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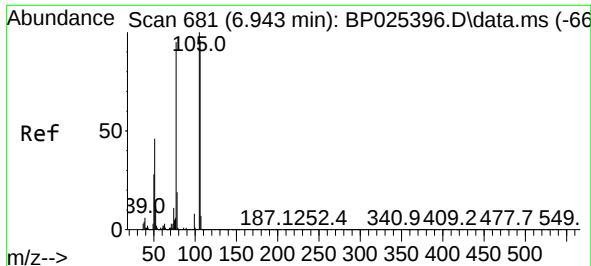


#8
2-Chlorophenol
Concen: 48.448 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



Tgt Ion:128 Resp: 608568
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 44.0 23.4 63.4





#9
Benzaldehyde
Concen: 28.504 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

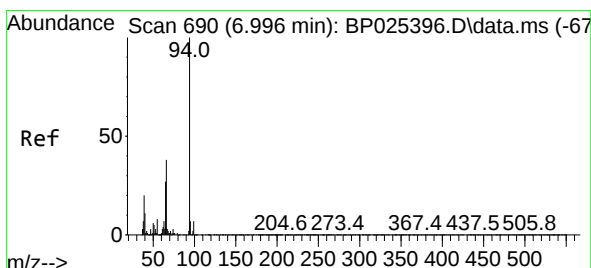
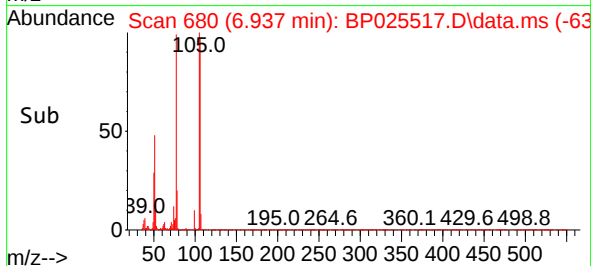
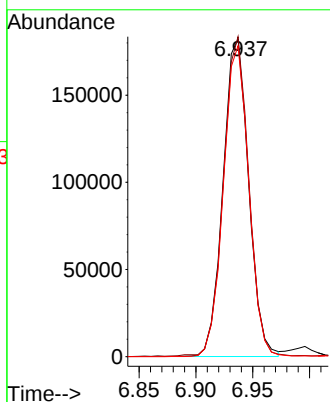
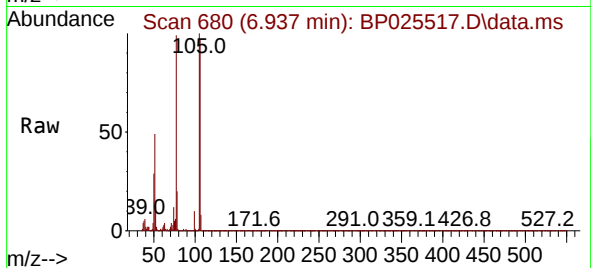
ClientSampleId :

22BP-WMSD

Tgt Ion: 77 Resp: 285008
Ion Ratio Lower Upper
77 100
105 100.8 84.8 124.8
106 97.9 80.5 120.5

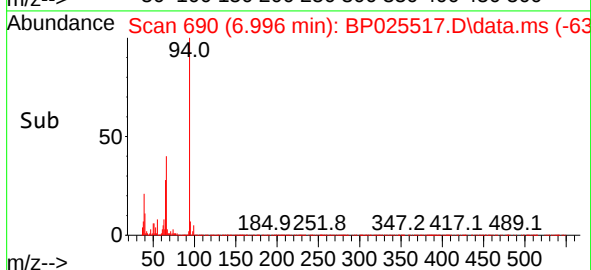
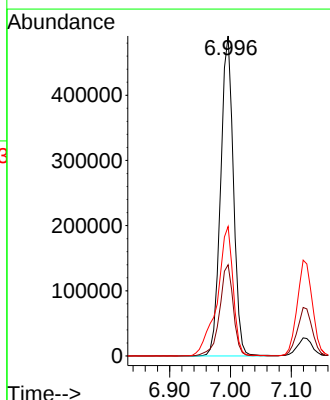
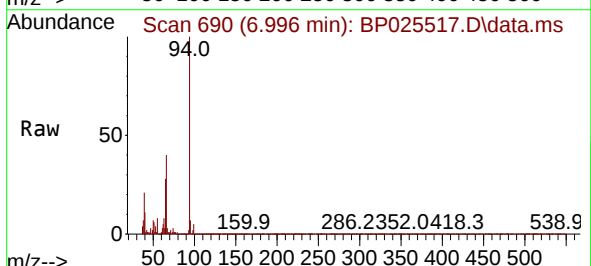
Manual Integrations
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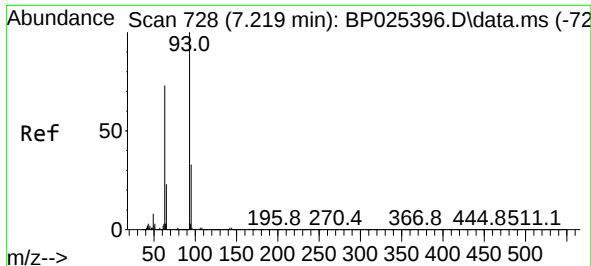
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#10
Phenol
Concen: 47.797 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

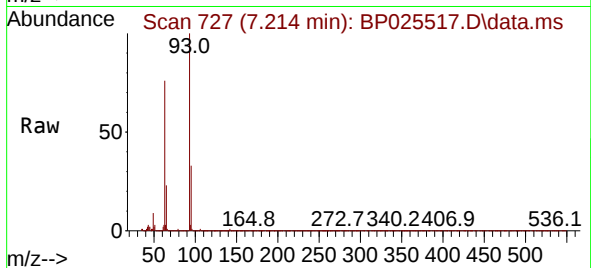
Tgt Ion: 94 Resp: 715775
Ion Ratio Lower Upper
94 100
65 28.5 6.8 46.8
66 40.5 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 46.128 ng
RT: 7.214 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

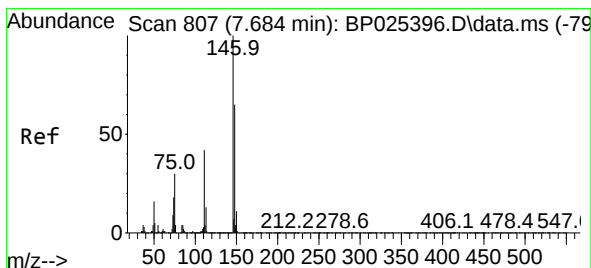
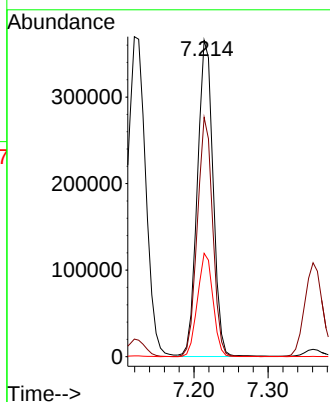
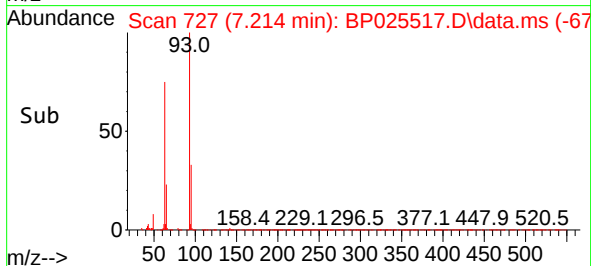
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



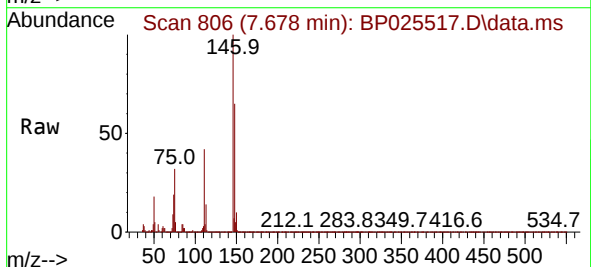
Tgt Ion: 93 Resp: 538400
Ion Ratio Lower Upper
93 100
63 75.6 52.6 92.6
95 32.7 12.7 52.7

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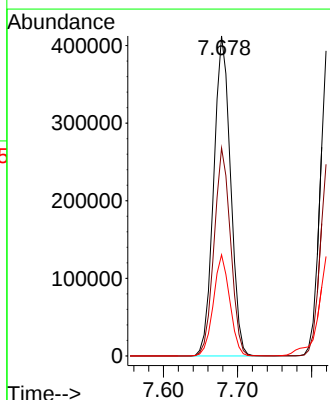
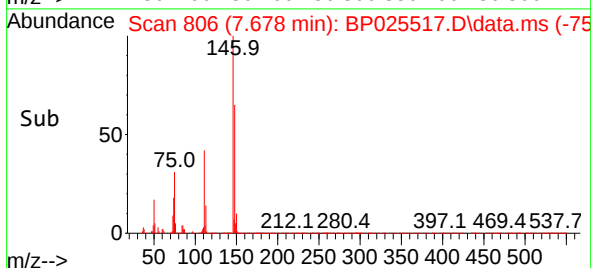
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

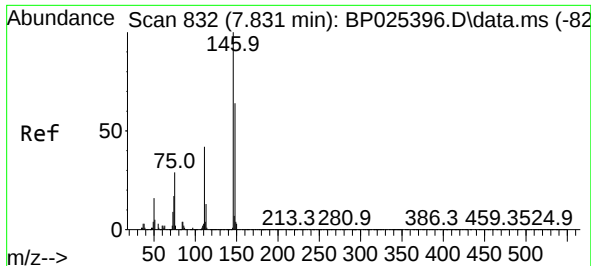


#12
1,3-Dichlorobenzene
Concen: 46.952 ng
RT: 7.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



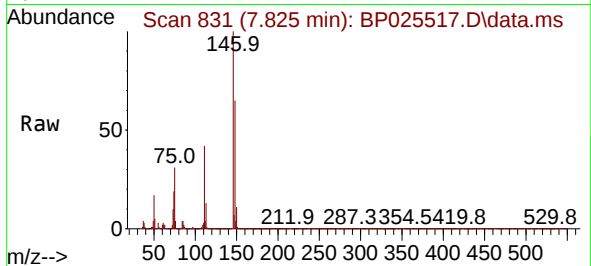
Tgt Ion:146 Resp: 650335
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 31.6 23.7 35.5





#13
1,4-Dichlorobenzene
Concen: 45.868 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

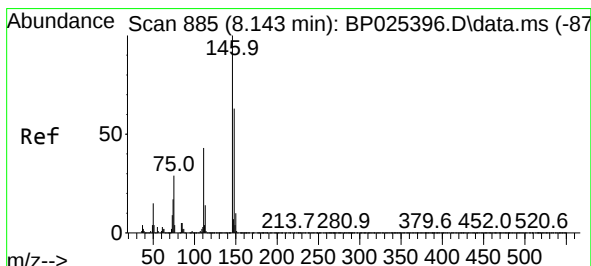
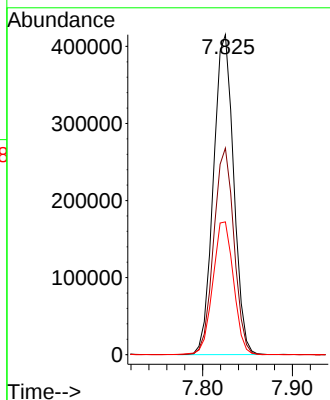
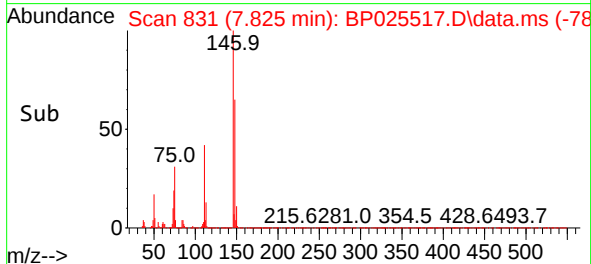
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



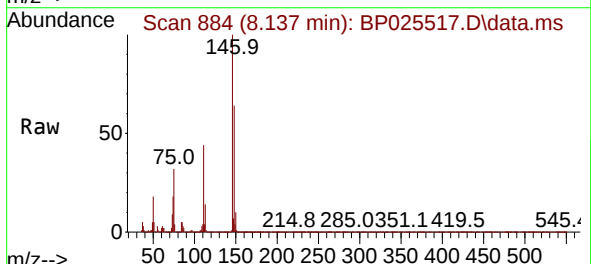
Tgt Ion:146 Resp: 649360
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
111 41.5 33.4 50.0

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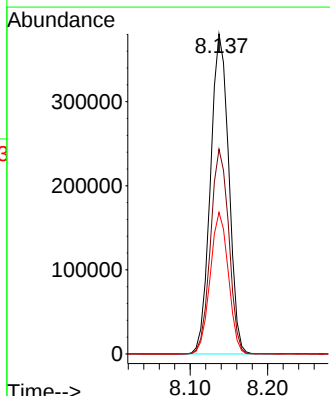
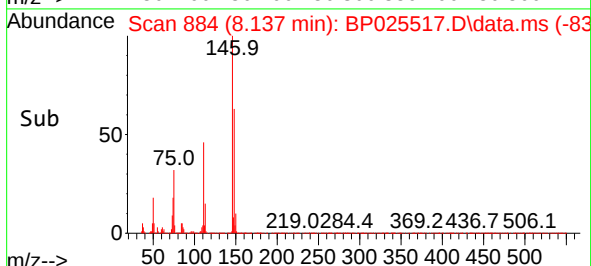
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#14
1,2-Dichlorobenzene
Concen: 45.653 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



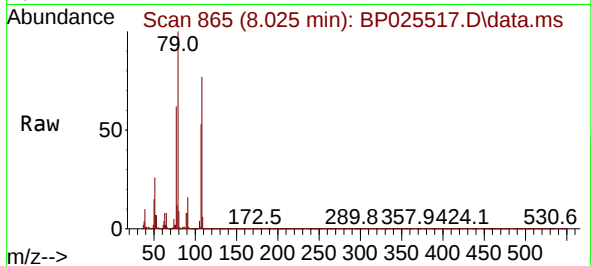
Tgt Ion:146 Resp: 625644
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
111 44.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 46.605 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

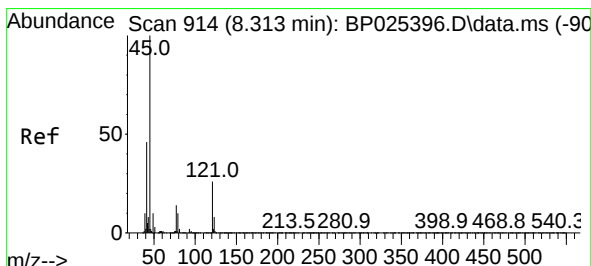
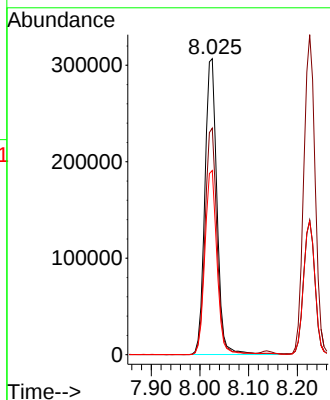
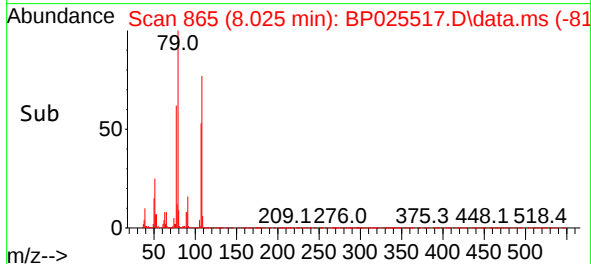
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



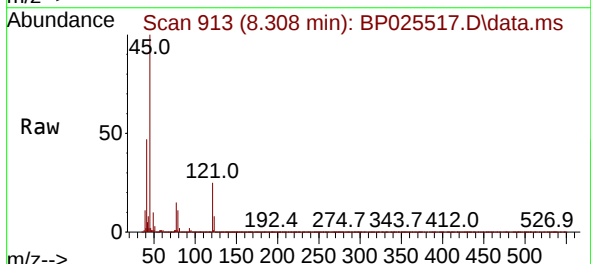
Tgt Ion: 79 Resp: 528480
Ion Ratio Lower Upper
79 100
108 76.5 63.8 95.6
77 62.2 49.0 73.4

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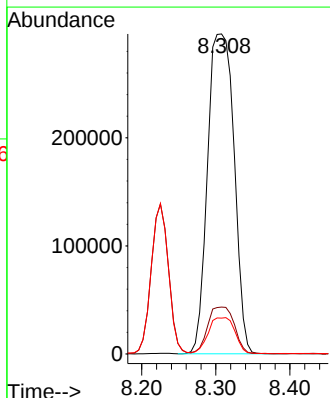
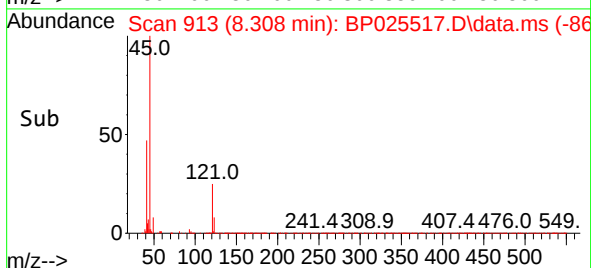
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

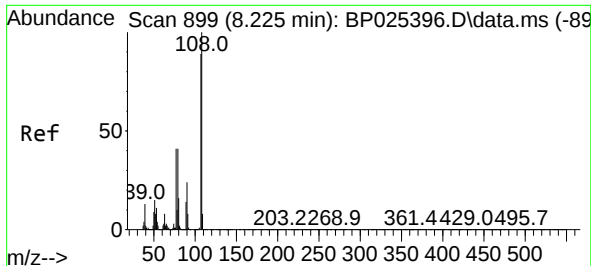


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.100 ng
RT: 8.308 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



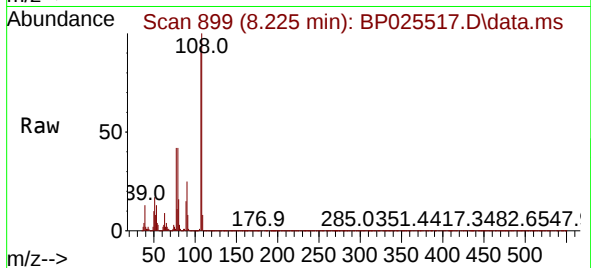
Tgt Ion: 45 Resp: 736456
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.3
79 11.2 0.0 31.8





#17
2-Methylphenol
Concen: 46.581 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

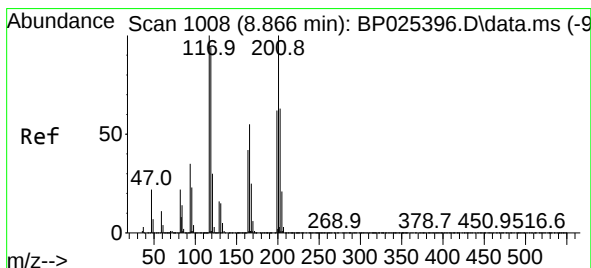
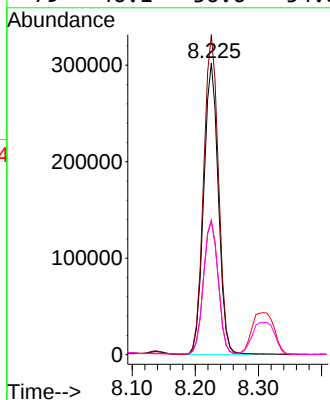
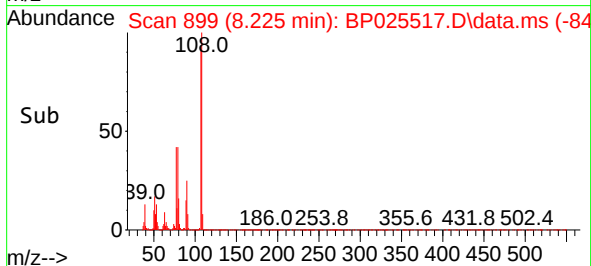
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:107 Resp: 484474
Ion Ratio Lower Upper
107 100
108 109.7 89.4 134.0
77 45.9 36.3 54.5
79 46.1 36.6 54.8

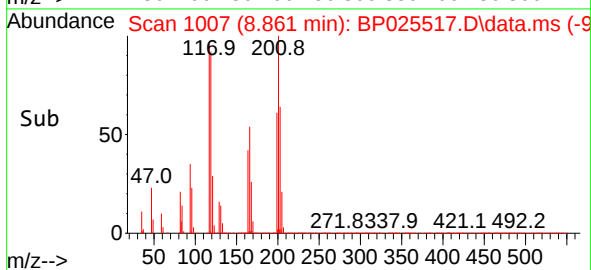
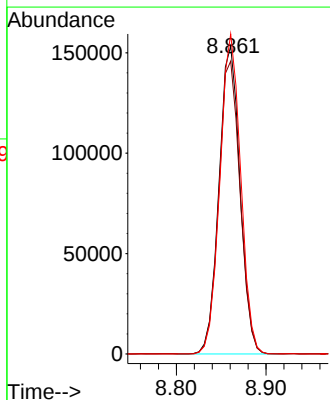
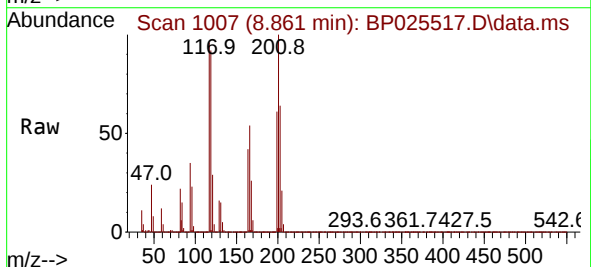
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 47.925 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

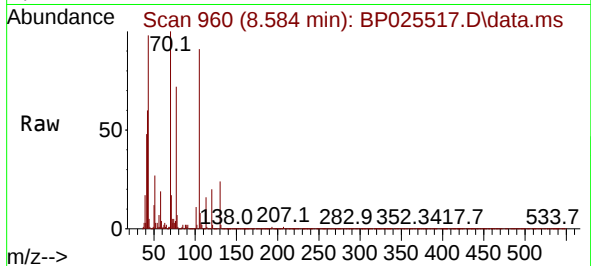
Tgt Ion:117 Resp: 249463
Ion Ratio Lower Upper
117 100
119 95.2 75.1 112.7
201 104.0 80.1 120.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.894 ng
RT: 8.584 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

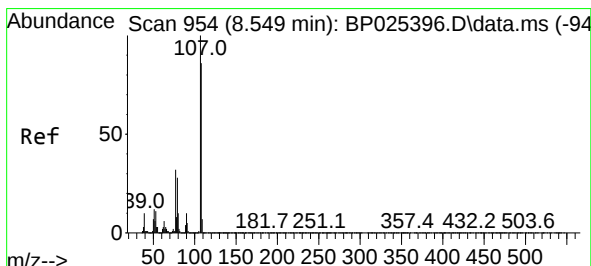
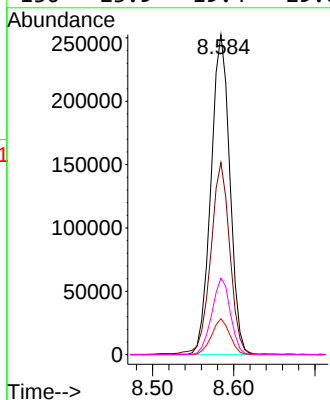
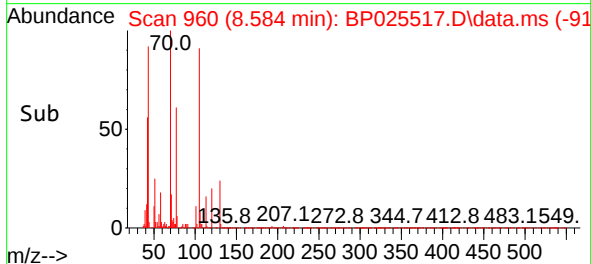
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



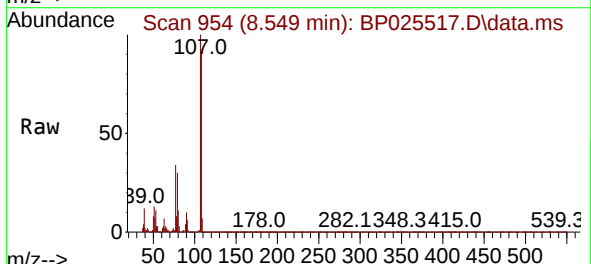
Tgt Ion: 70 Resp: 405488
Ion Ratio Lower Upper
70 100
42 60.0 43.8 65.6
101 11.3 8.5 12.7
130 23.9 19.4 29.0

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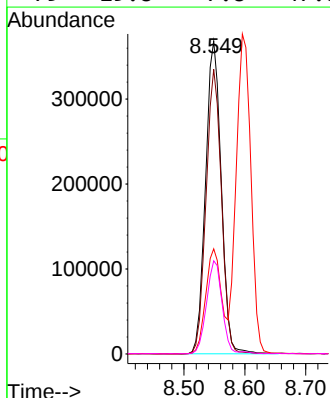
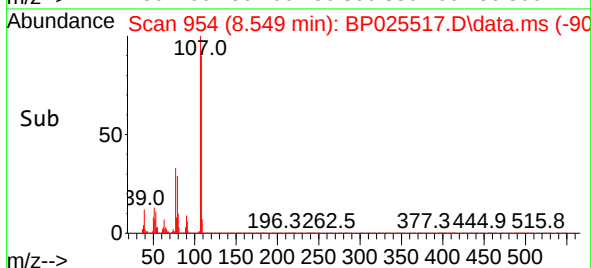
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#20
3+4-Methylphenols
Concen: 45.649 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



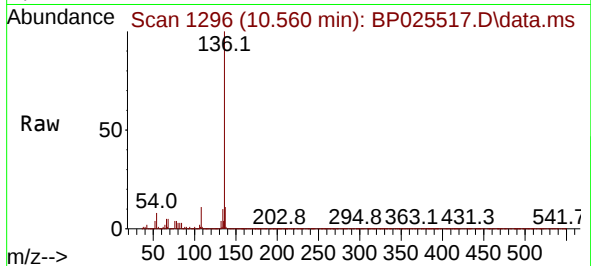
Tgt Ion:107 Resp: 658121
Ion Ratio Lower Upper
107 100
108 91.0 66.3 106.3
77 33.6 12.3 52.3
79 29.8 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

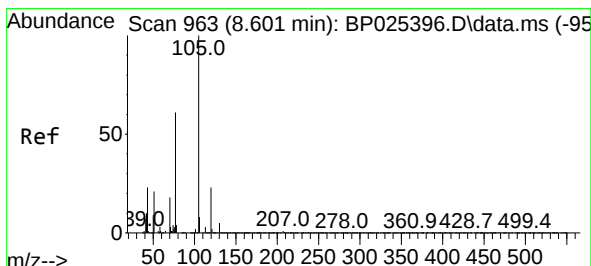
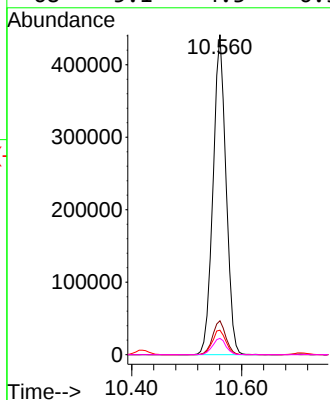
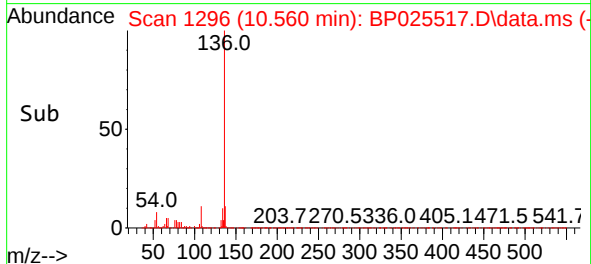
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:136 Resp: 722280
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.7 6.0 9.0
68 5.1 4.3 6.5

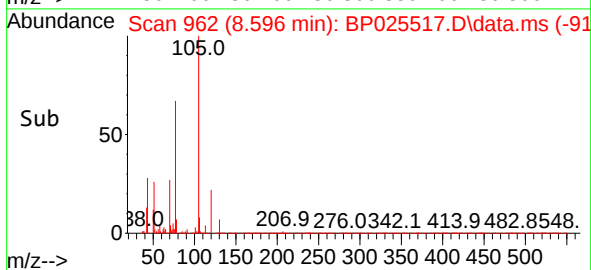
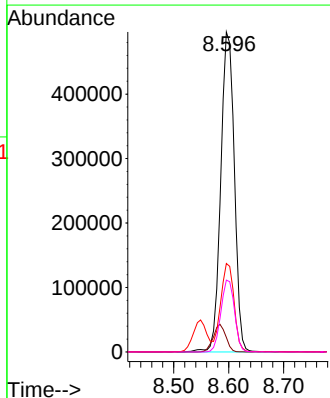
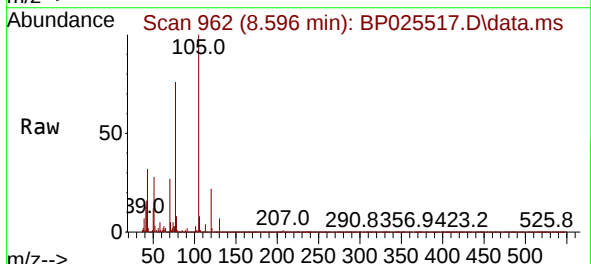
Manual Integrations
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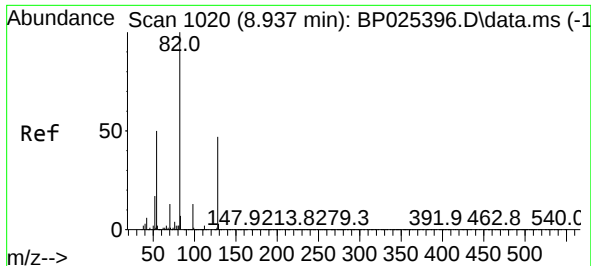
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#22
Acetophenone
Concen: 47.056 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

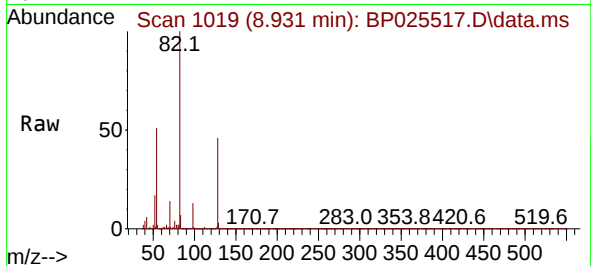
Tgt Ion:105 Resp: 852338
Ion Ratio Lower Upper
105 100
71 4.5 2.6 4.0#
51 27.7 20.6 30.8
120 22.4 18.6 27.8





#23
Nitrobenzene-d5
Concen: 65.608 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

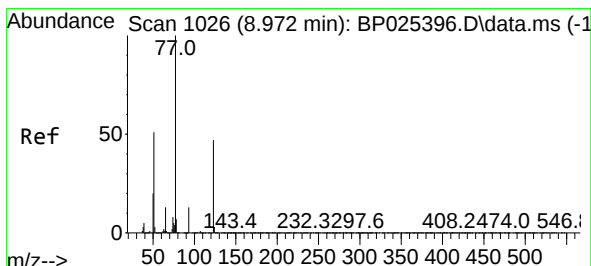
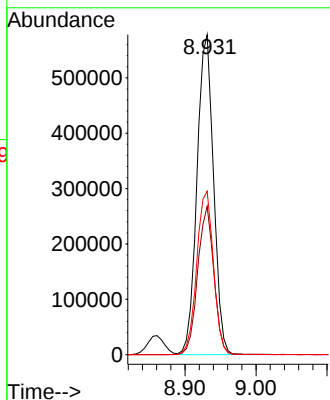
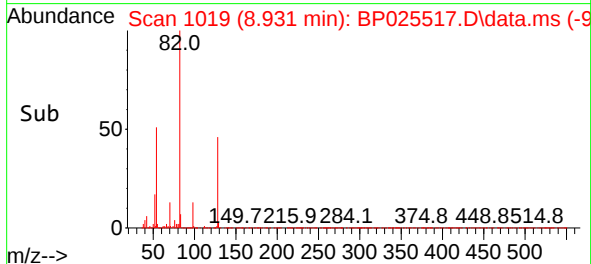
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



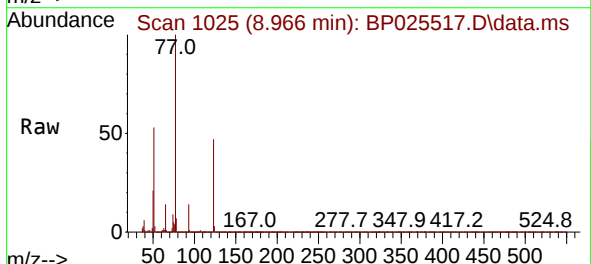
Tgt Ion: 82 Resp: 93677
Ion Ratio Lower Upper
82 100
128 46.4 37.7 56.5
54 51.1 39.8 59.6

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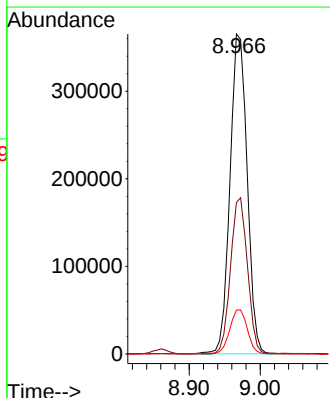
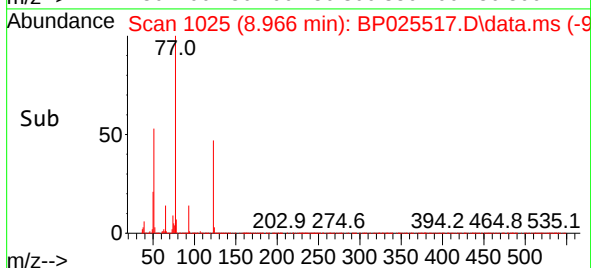
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

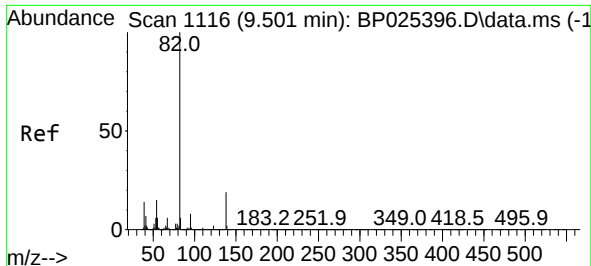


#24
Nitrobenzene
Concen: 48.104 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



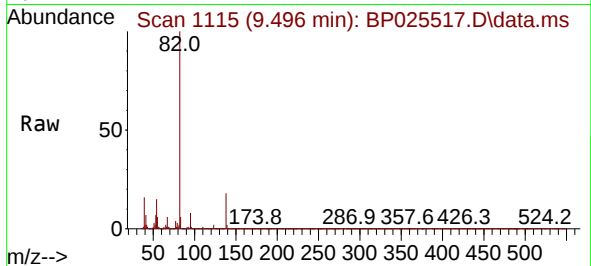
Tgt Ion: 77 Resp: 613843
Ion Ratio Lower Upper
77 100
123 47.3 38.6 58.0
65 13.7 10.6 15.8





#25
Isophorone
Concen: 45.736 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

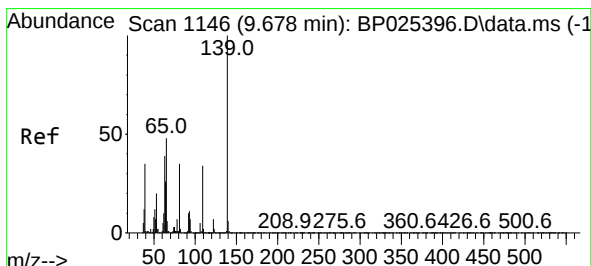
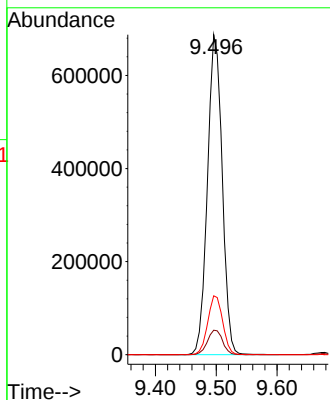
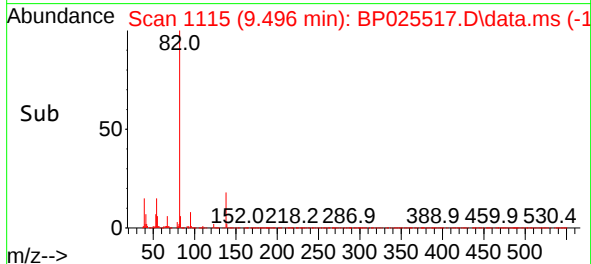
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion: 82 Resp: 115570
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.4 15.4 23.0

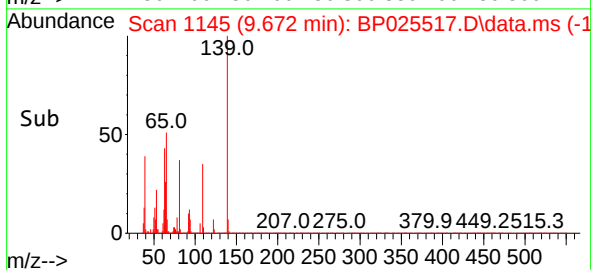
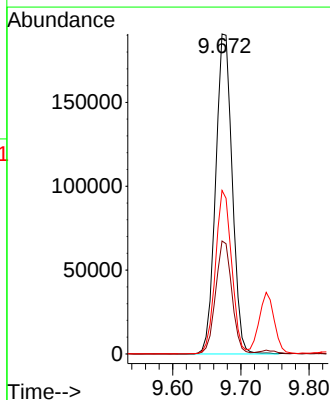
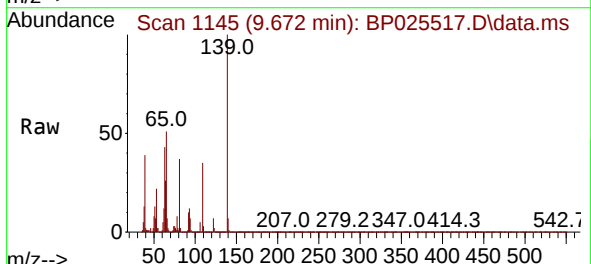
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 49.335 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Tgt Ion:139 Resp: 323093
Ion Ratio Lower Upper
139 100
109 35.3 26.9 40.3
65 51.1 38.3 57.5





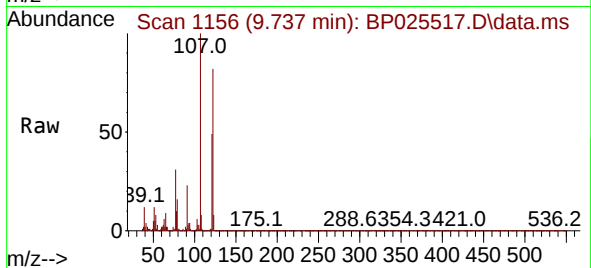
#27
2,4-Dimethylphenol
Concen: 47.366 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD



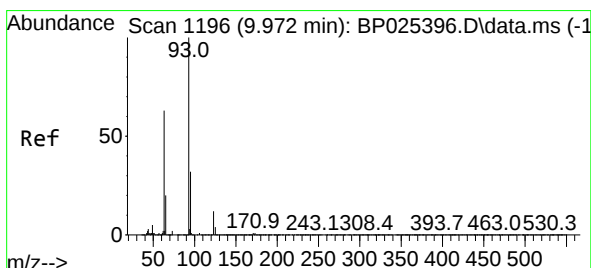
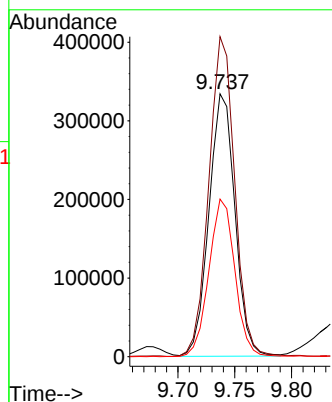
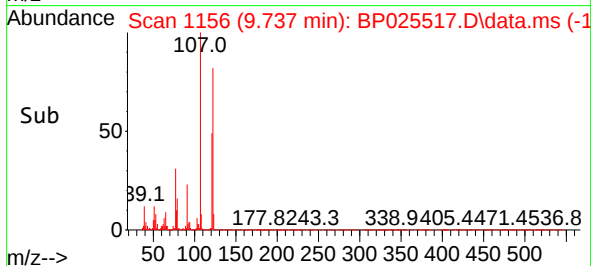
Tgt Ion:122 Resp: 53344
Ion Ratio Lower Upper
122 100
107 121.7 93.7 140.5
121 59.9 46.6 69.8

Manual Integrations

APPROVED

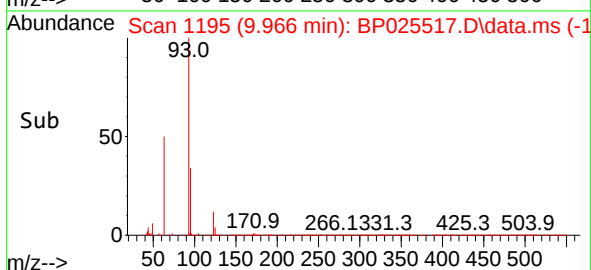
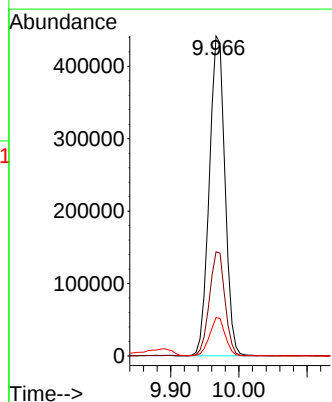
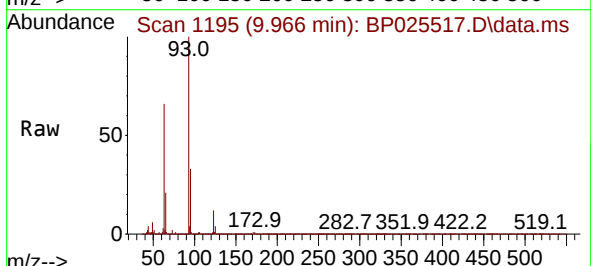
Reviewed By :Rahul Chavli 08/21/2025

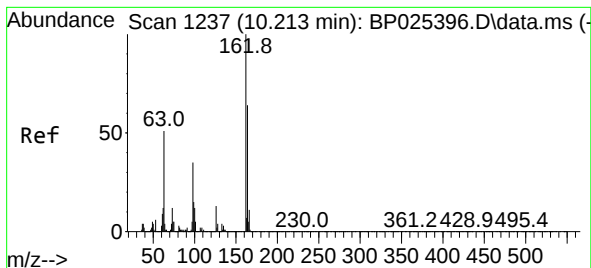
Supervised By :mohammad ahmed 08/22/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.309 ng
RT: 9.966 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

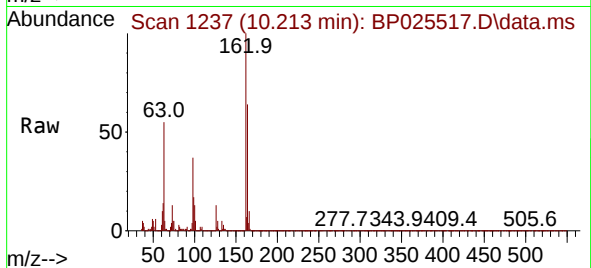
Tgt Ion: 93 Resp: 707355
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.0
123 12.0 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 49.622 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

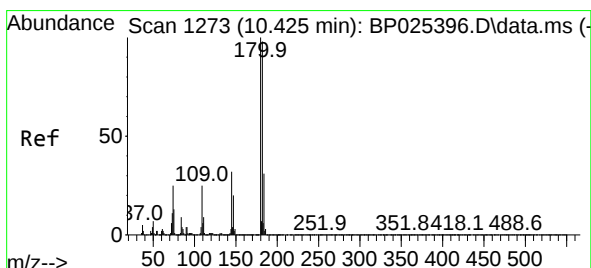
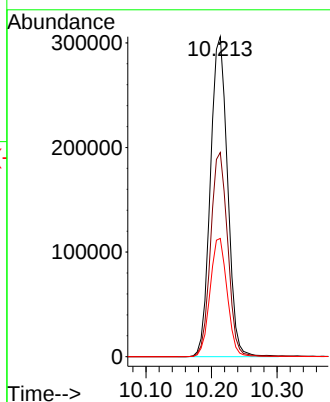
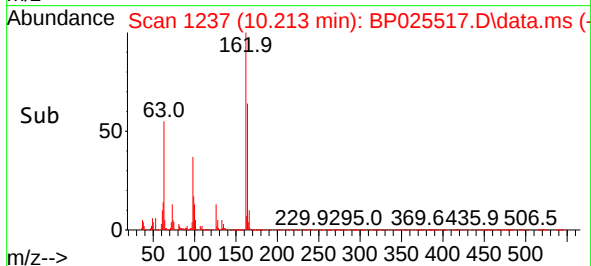
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



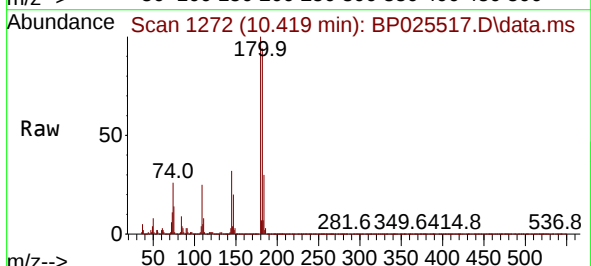
Tgt Ion:162 Resp: 55515
Ion Ratio Lower Upper
162 100
164 63.8 44.4 84.4
98 37.0 14.9 54.9

Manual Integrations
APPROVED

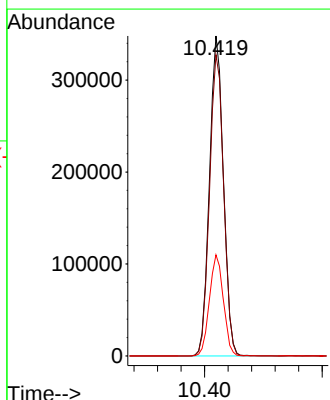
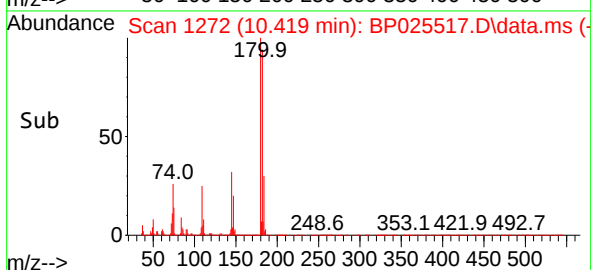
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

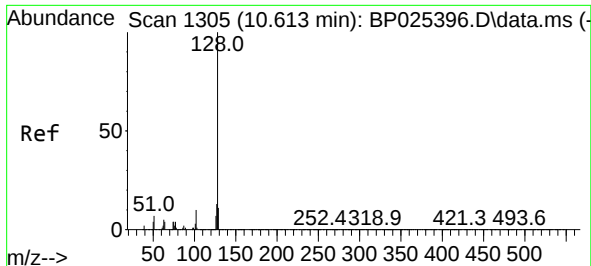


#30
1,2,4-Trichlorobenzene
Concen: 46.702 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



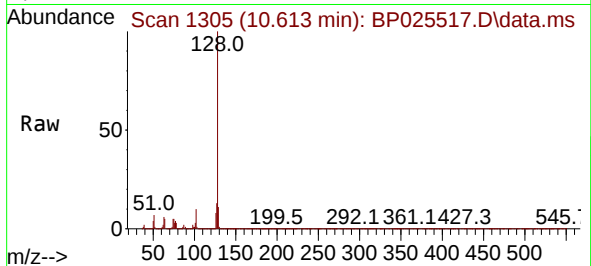
Tgt Ion:180 Resp: 572771
Ion Ratio Lower Upper
180 100
182 94.2 78.0 117.0
145 31.6 25.9 38.9





#31
Naphthalene
Concen: 46.334 ng
RT: 10.613 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

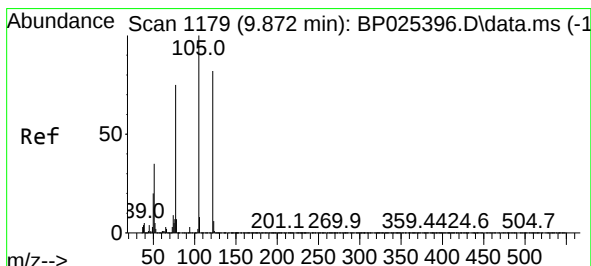
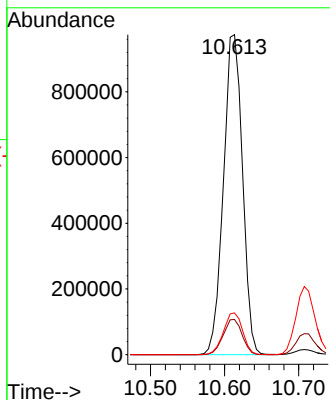
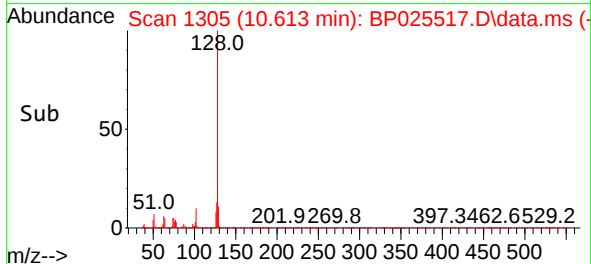
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:128 Resp: 173943
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.7 16.1

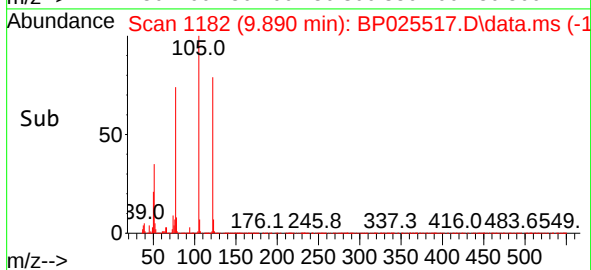
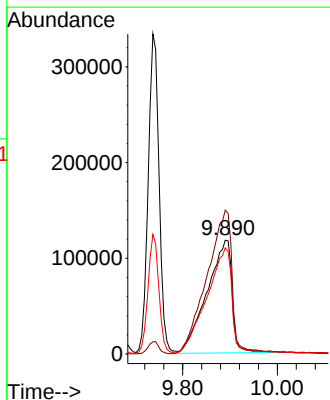
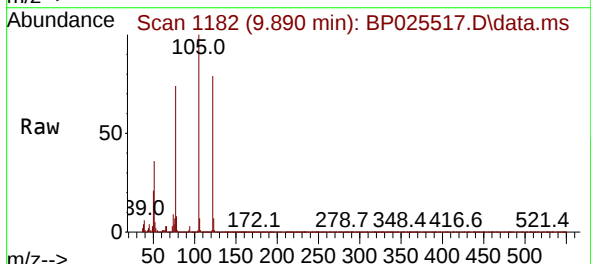
Manual Integrations
APPROVED

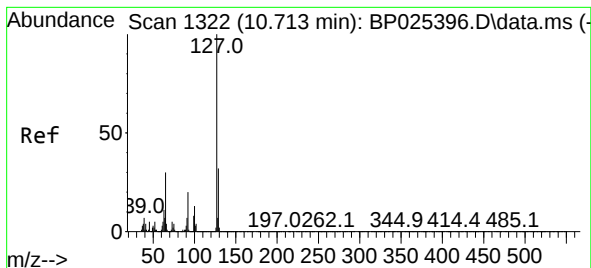
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#32
Benzoic acid
Concen: 51.860 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Tgt Ion:122 Resp: 431194
Ion Ratio Lower Upper
122 100
105 126.5 100.6 140.6
77 93.3 71.5 111.5





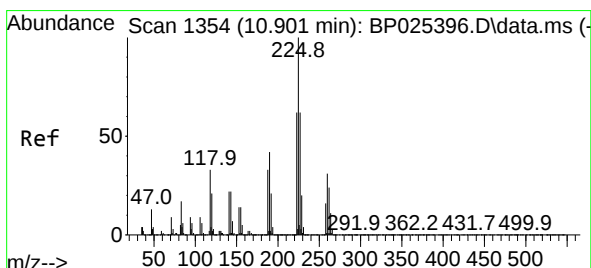
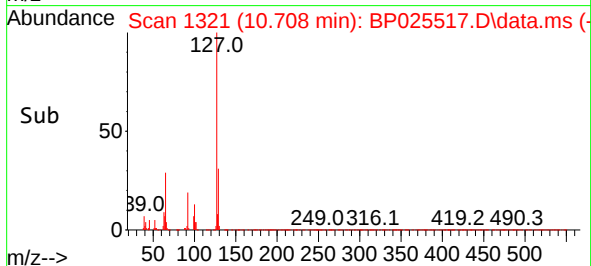
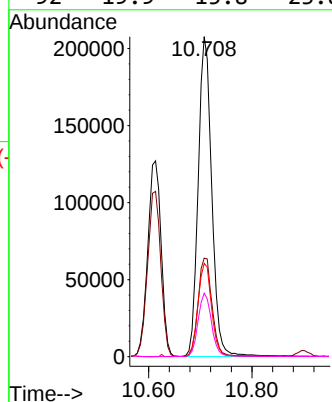
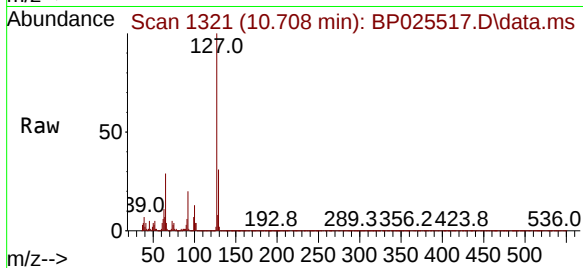
#33
4-Chloroaniline
Concen: 22.779 ng
RT: 10.708 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Instrument :
BNA_P
ClientSampleId :
22BP-WMSD

Tgt Ion:	127	Resp:	377734
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.4	38.2
65	29.1	23.8	35.6
92	19.9	15.8	23.8

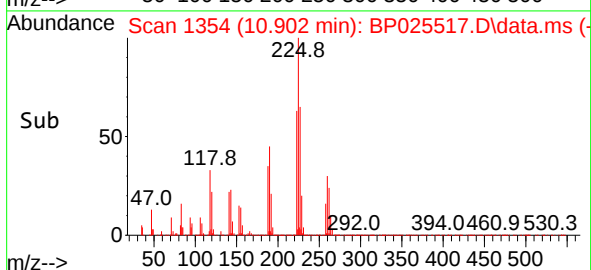
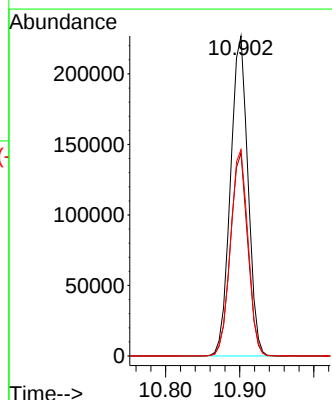
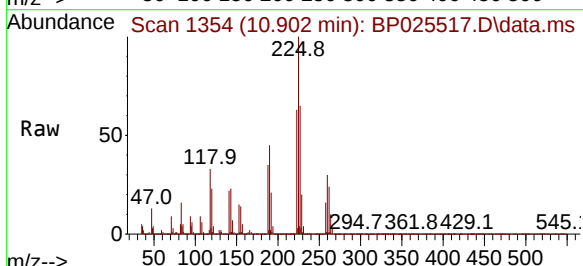
Manual Integrations
APPROVED

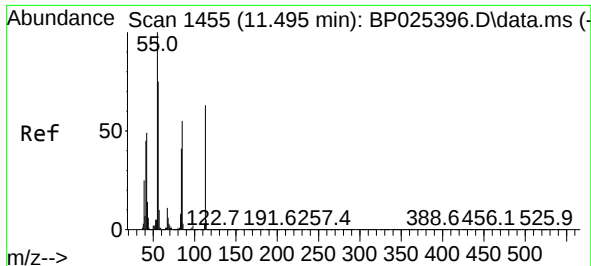
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#34
Hexachlorobutadiene
Concen: 48.563 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

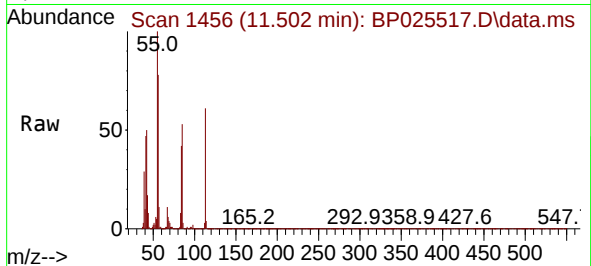
Tgt Ion:	225	Resp:	370916
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	64.5	49.7	74.5





#35
Caprolactam
Concen: 45.747 ng
RT: 11.502 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

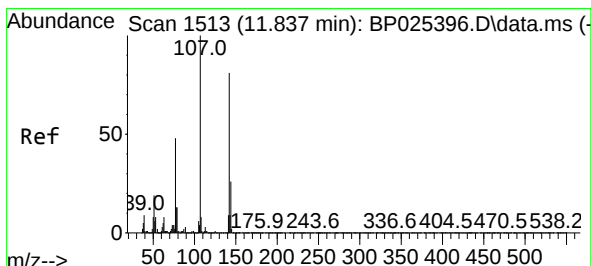
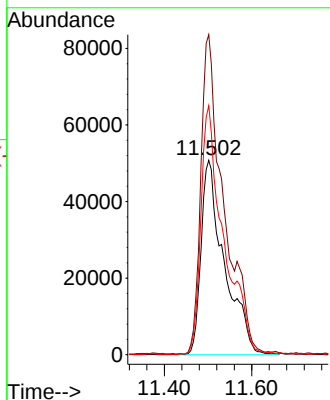
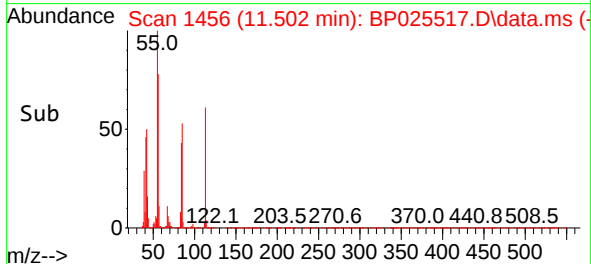
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:113 Resp: 187670
Ion Ratio Lower Upper
113 100
55 164.6 140.0 180.0
56 128.1 100.0 140.0

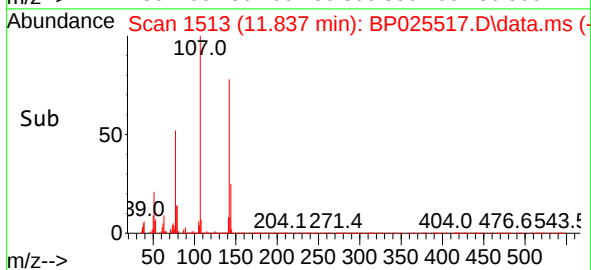
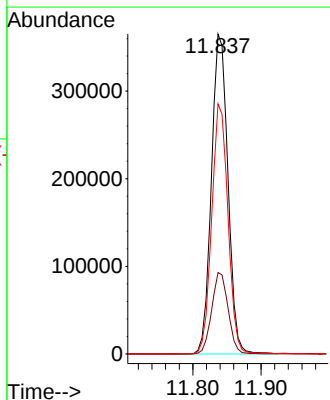
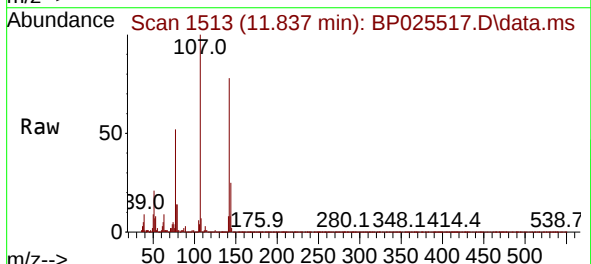
Manual Integrations
APPROVED

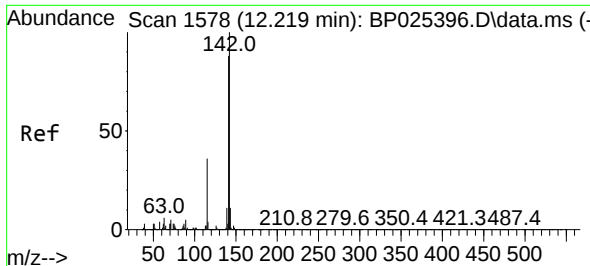
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#36
4-Chloro-3-methylphenol
Concen: 47.974 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

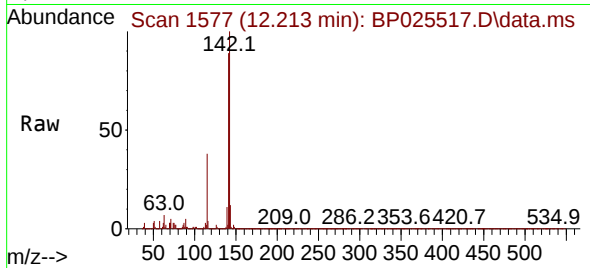
Tgt Ion:107 Resp: 615878
Ion Ratio Lower Upper
107 100
144 25.5 21.0 31.4
142 78.1 64.6 97.0





#37
2-Methylnaphthalene
Concen: 44.896 ng
RT: 12.213 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

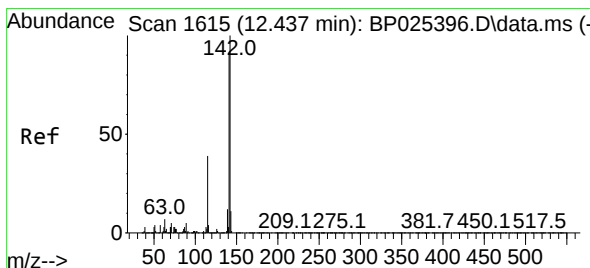
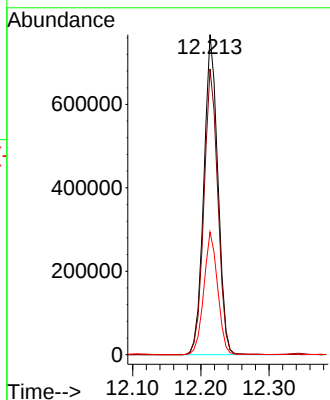
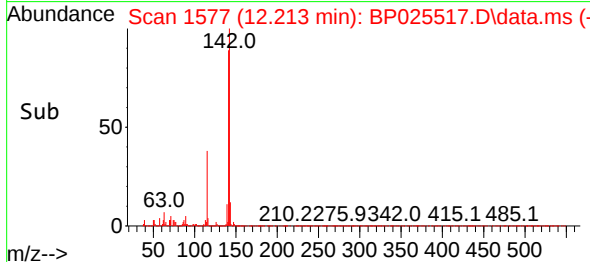
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



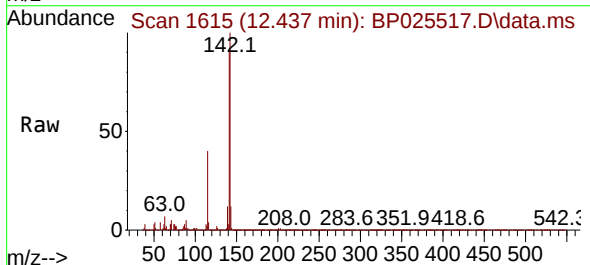
Tgt Ion:142 Resp: 109682
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 38.4 28.9 43.3

Manual Integrations
APPROVED

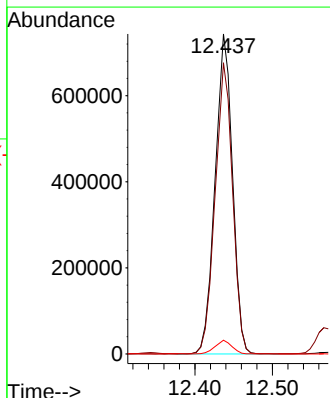
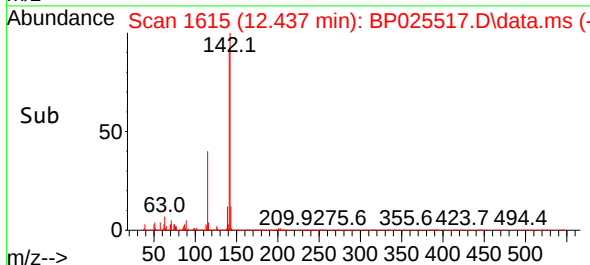
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

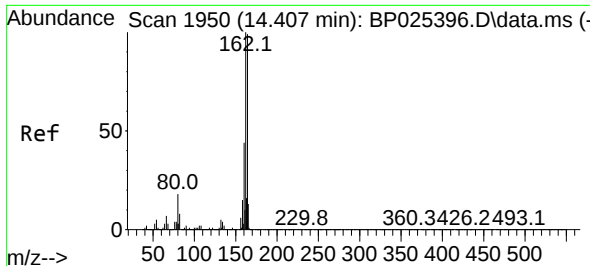


#38
1-Methylnaphthalene
Concen: 44.535 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



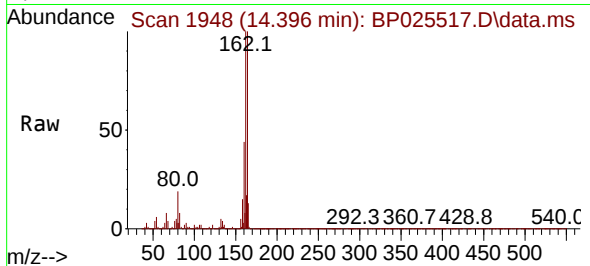
Tgt Ion:142 Resp: 1157054
Ion Ratio Lower Upper
142 100
141 91.0 73.1 109.7
116 4.3 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

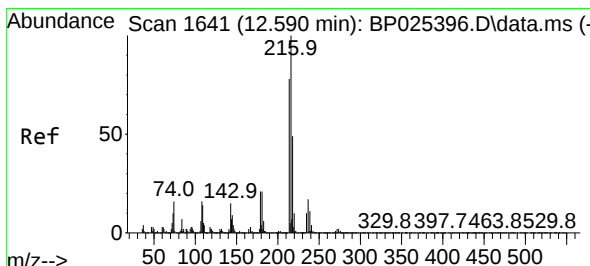
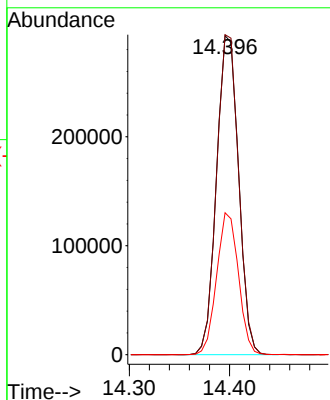
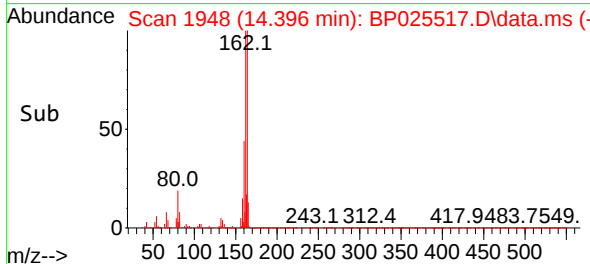
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:164 Resp: 447048
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 44.5 35.4 53.2

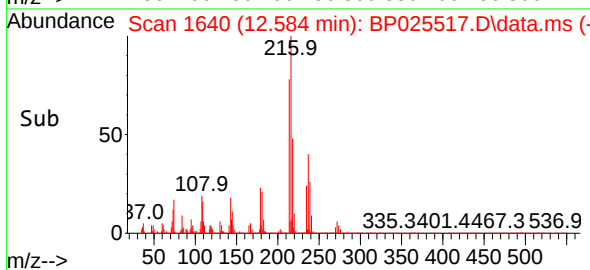
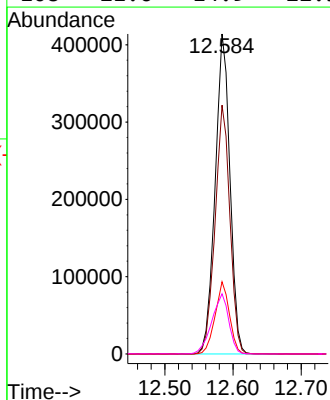
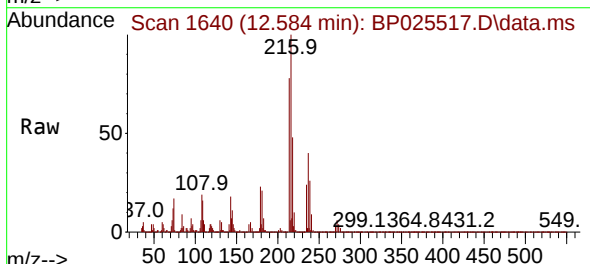
Manual Integrations
APPROVED

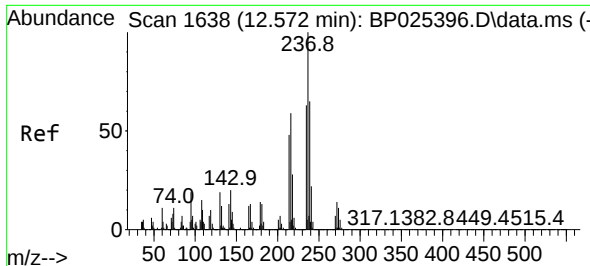
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.461 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

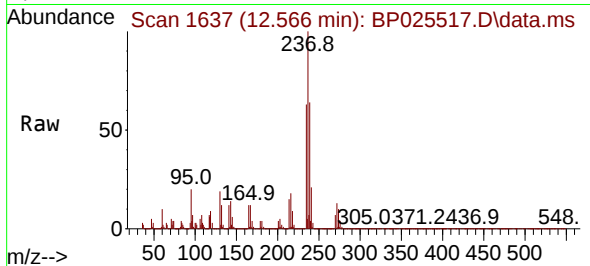
Tgt Ion:216 Resp: 625693
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 21.9 17.1 25.7
108 21.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 102.943 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

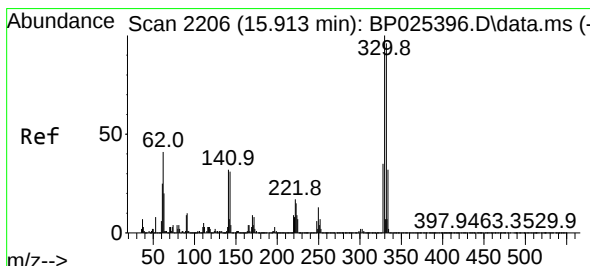
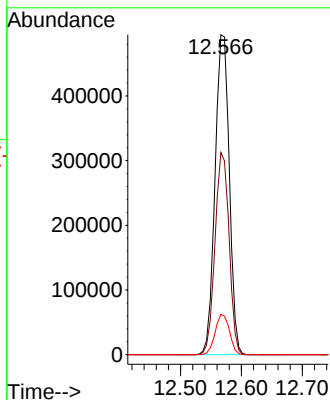
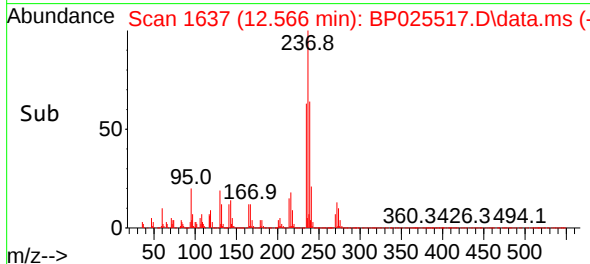
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



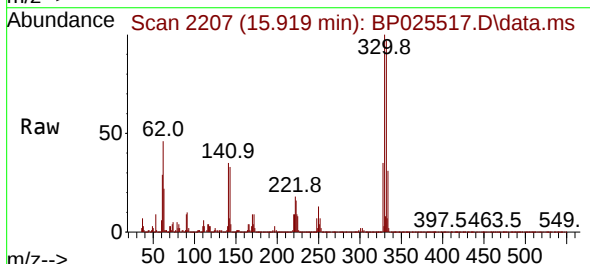
Tgt Ion: 237 Resp: 80284
Ion Ratio Lower Upper
237 100
235 63.2 42.7 82.7
272 12.6 0.0 34.0

Manual Integrations
APPROVED

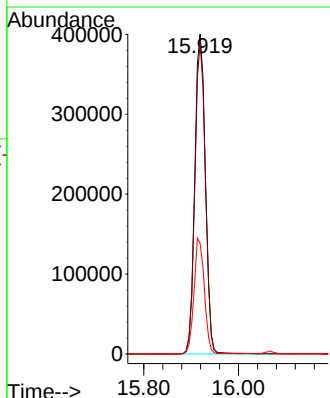
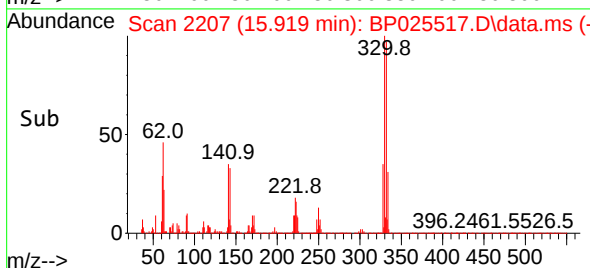
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

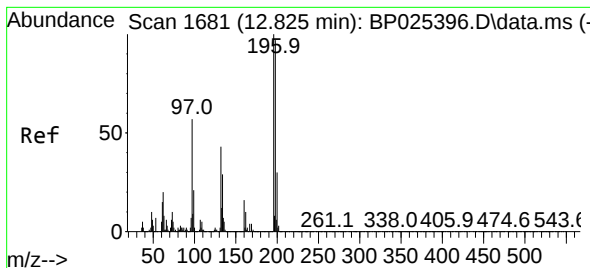


#42
2,4,6-Tribromophenol
Concen: 103.597 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



Tgt Ion: 330 Resp: 623372
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 35.3 26.6 39.8





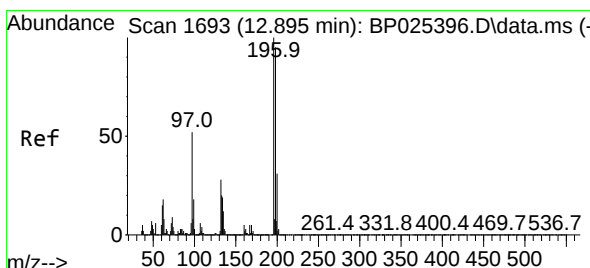
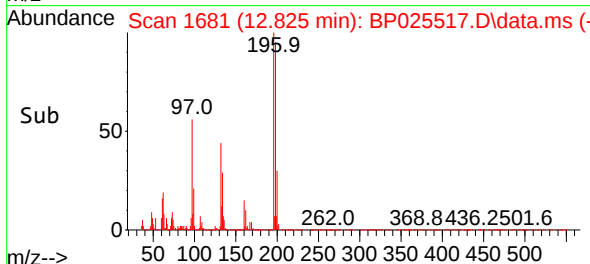
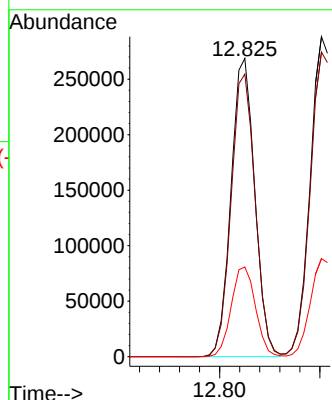
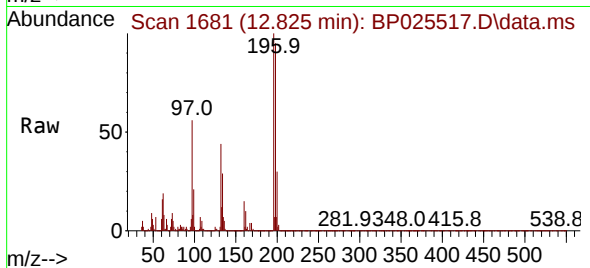
#43
2,4,6-Trichlorophenol
Concen: 50.780 ng
RT: 12.825 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Instrument :
BNA_P
ClientSampleId :
22BP-WMSD

Tgt Ion:196 Resp: 442620
Ion Ratio Lower Upper
196 100
198 94.8 77.2 115.8
200 30.1 23.9 35.9

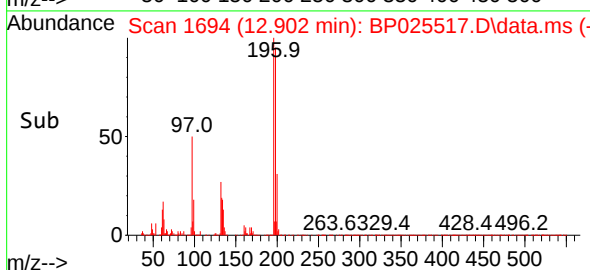
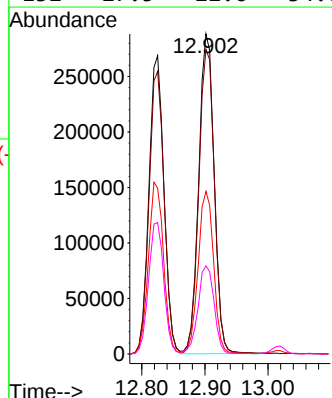
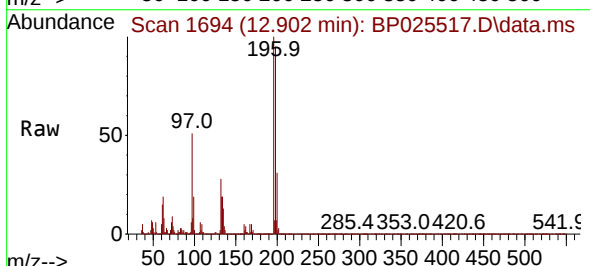
Manual Integrations
APPROVED

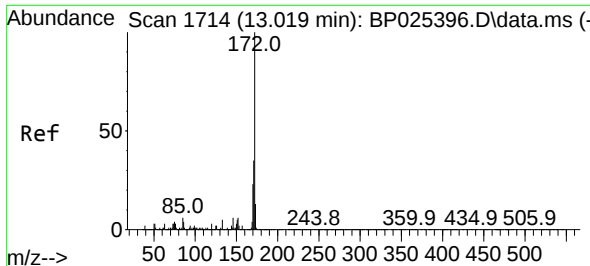
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#44
2,4,5-Trichlorophenol
Concen: 51.330 ng
RT: 12.902 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

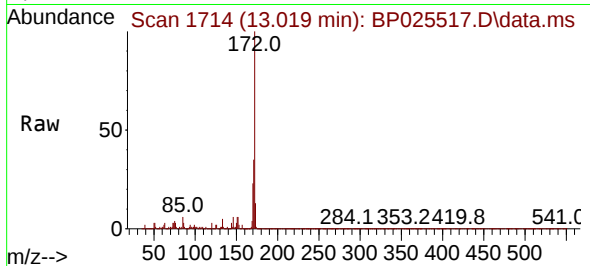
Tgt Ion:196 Resp: 490354
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
97 50.8 41.2 61.8
132 27.5 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 60.642 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

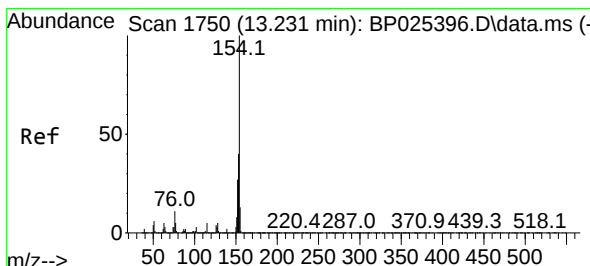
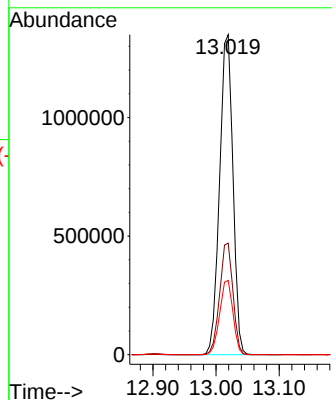
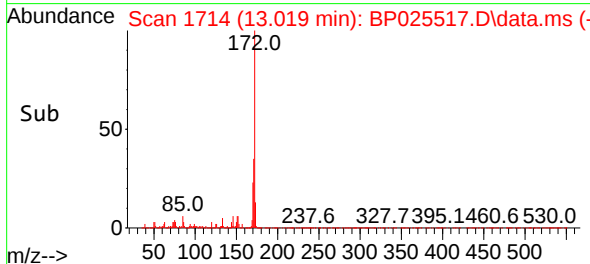
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



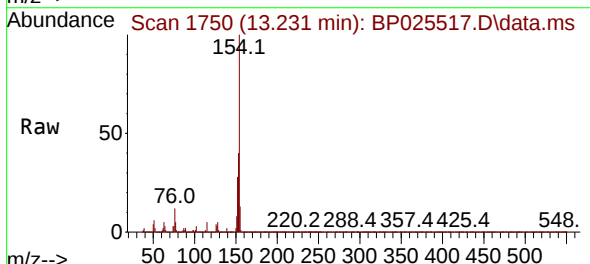
Tgt Ion:172 Resp: 1983638
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.2 18.6 28.0

Manual Integrations
APPROVED

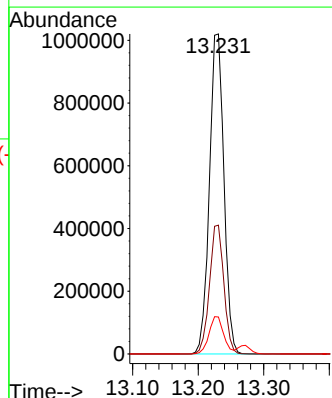
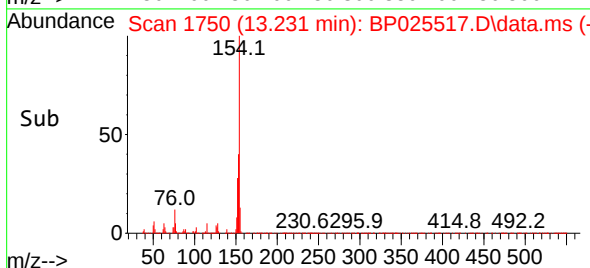
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

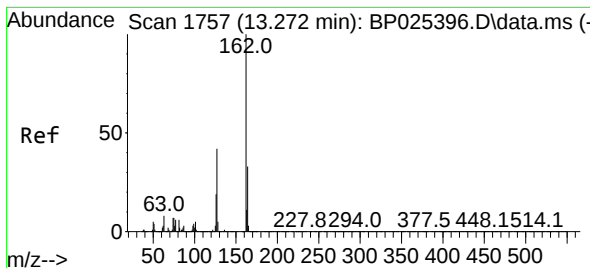


#46
1,1'-Biphenyl
Concen: 48.304 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



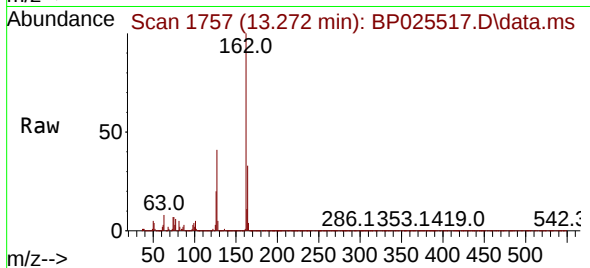
Tgt Ion:154 Resp: 1568313
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 11.6 0.0 31.1





#47
2-Chloronaphthalene
Concen: 47.550 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

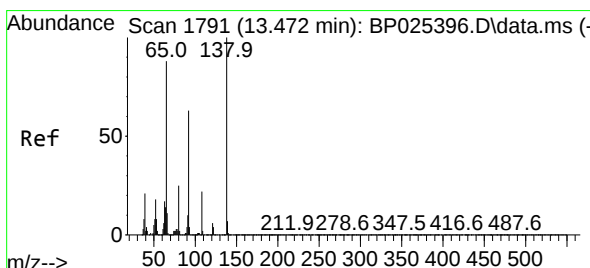
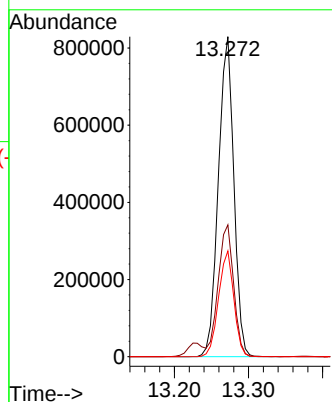
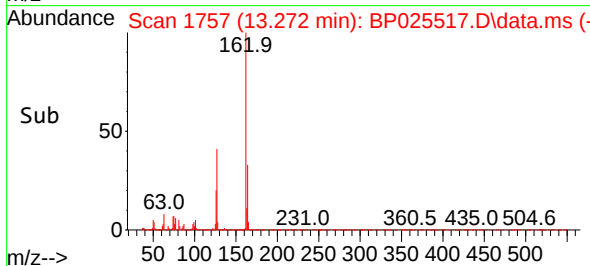
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



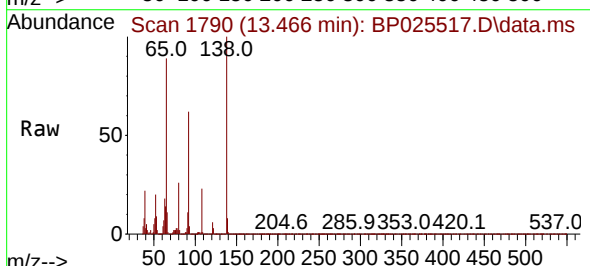
Tgt Ion:162 Resp: 1201838
Ion Ratio Lower Upper
162 100
127 41.2 33.4 50.2
164 33.0 26.2 39.2

Manual Integrations
APPROVED

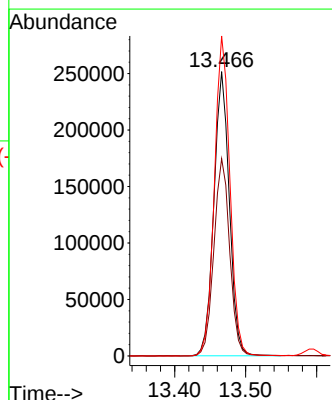
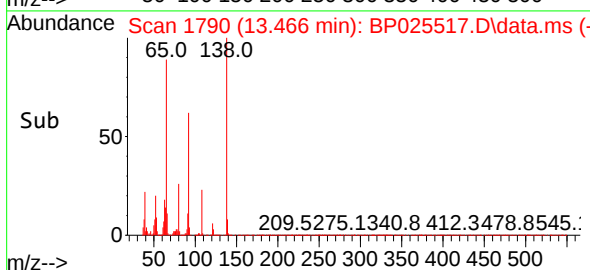
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

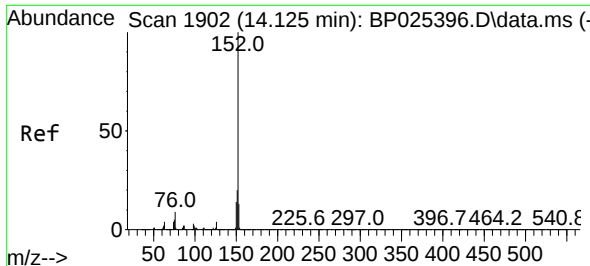


#48
2-Nitroaniline
Concen: 51.670 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



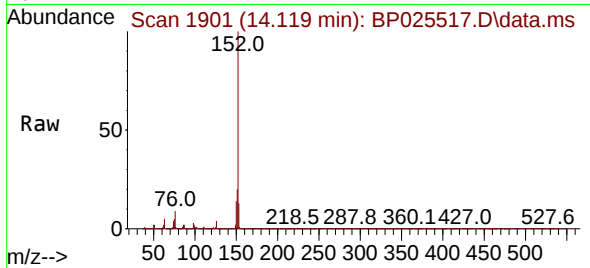
Tgt Ion: 65 Resp: 380529
Ion Ratio Lower Upper
65 100
92 69.4 57.6 86.4
138 112.5 91.0 136.6





#49
Acenaphthylene
Concen: 47.841 ng
RT: 14.119 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

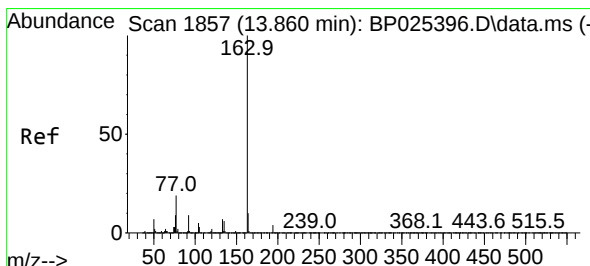
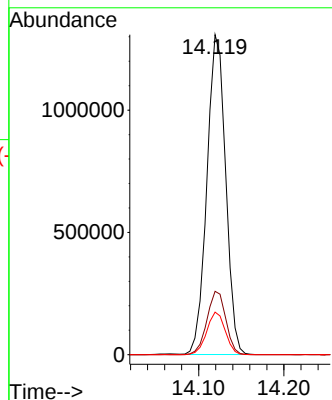
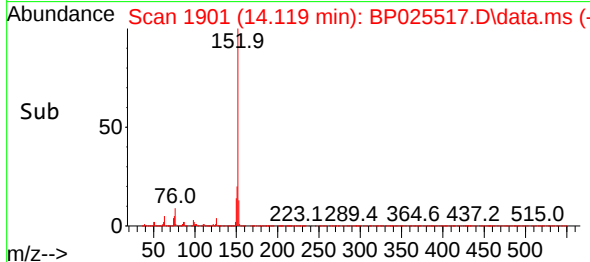
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



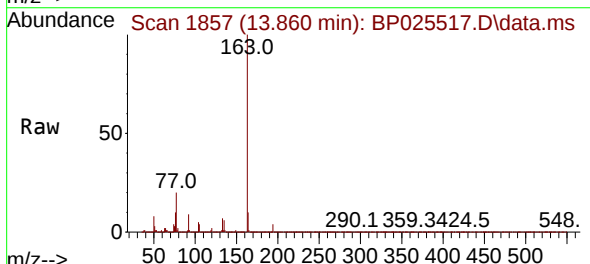
Tgt Ion:152 Resp: 2000907
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.6 15.8

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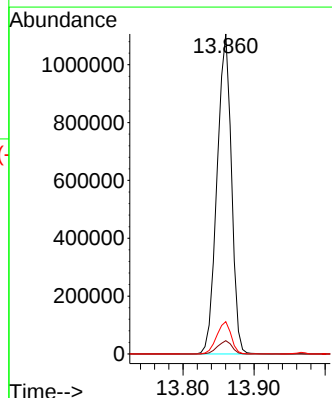
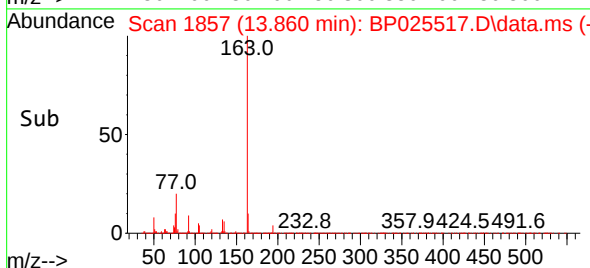
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

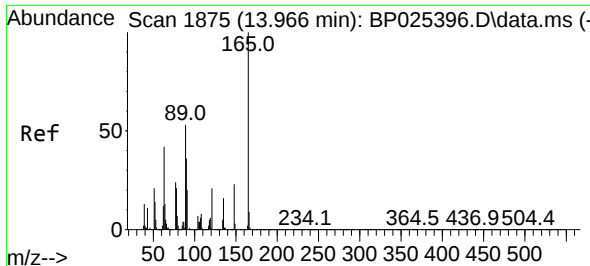


#50
Dimethylphthalate
Concen: 47.312 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



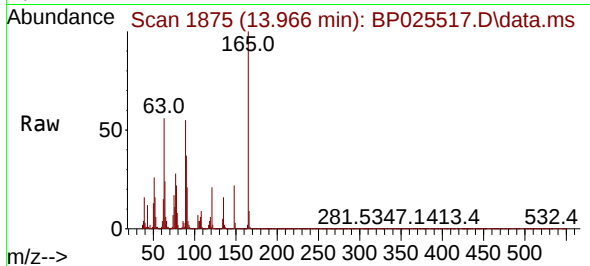
Tgt Ion:163 Resp: 1548844
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.643 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

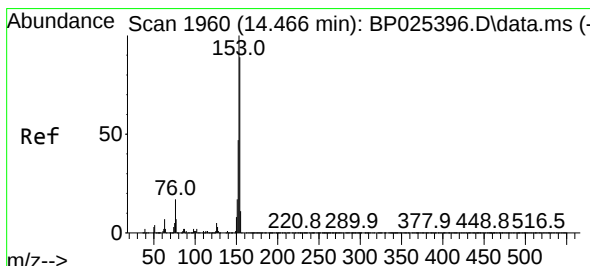
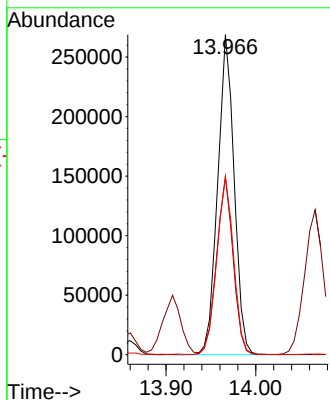
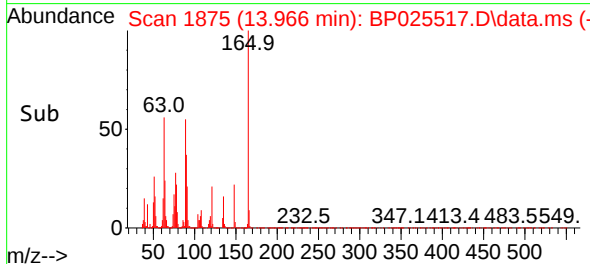
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:165 Resp: 342534
Ion Ratio Lower Upper
165 100
63 55.7 40.9 61.3
89 55.5 42.1 63.1

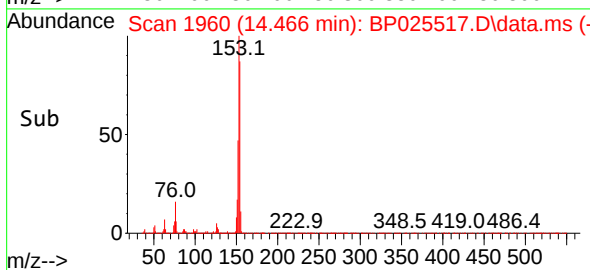
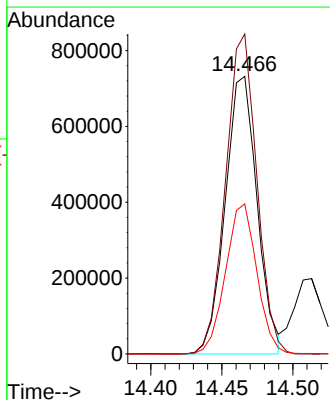
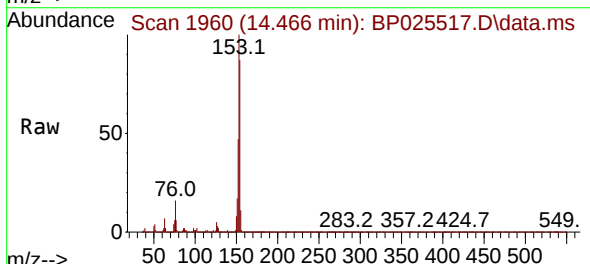
Manual Integrations
APPROVED

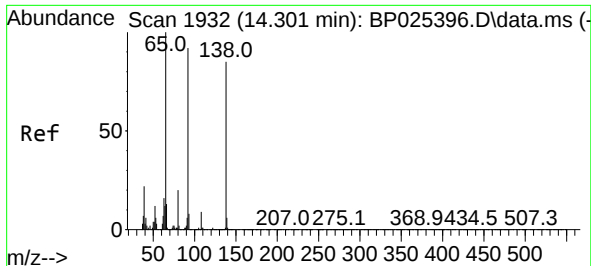
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#52
Acenaphthene
Concen: 46.659 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

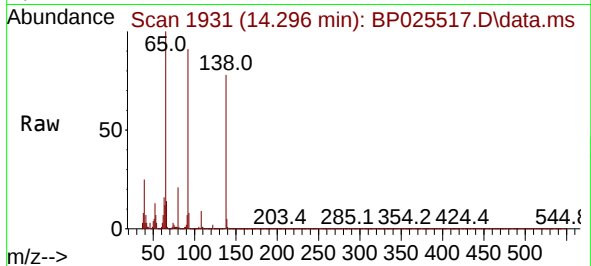
Tgt Ion:154 Resp: 1145454
Ion Ratio Lower Upper
154 100
153 115.2 90.2 135.2
152 54.0 42.1 63.1





#53
3-Nitroaniline
Concen: 30.228 ng
RT: 14.296 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

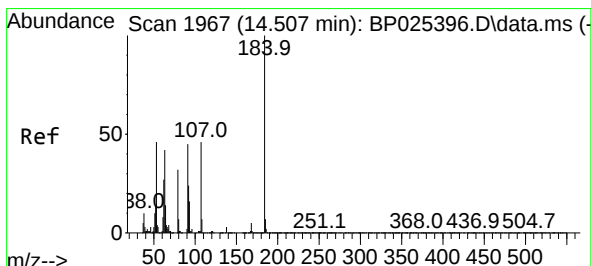
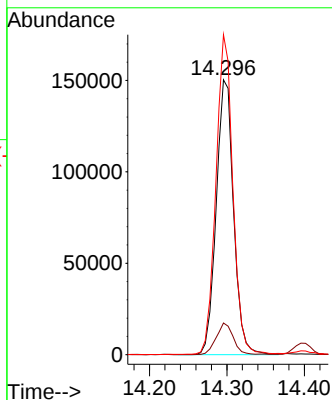
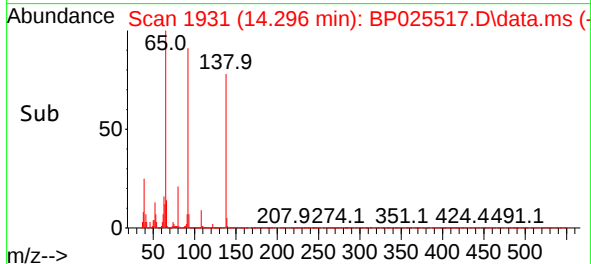
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:138 Resp: 234661
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 116.4 86.2 129.2

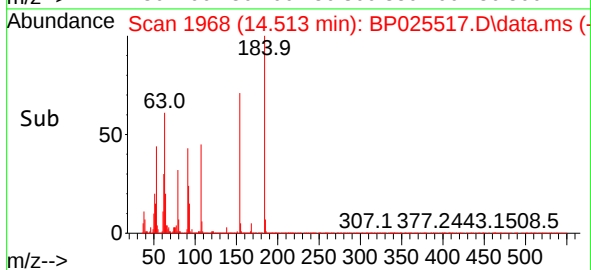
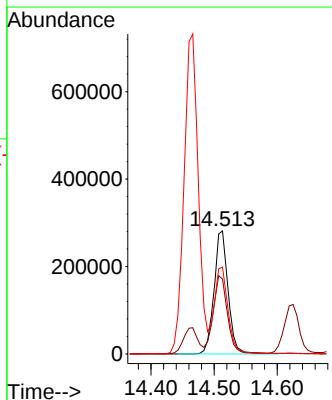
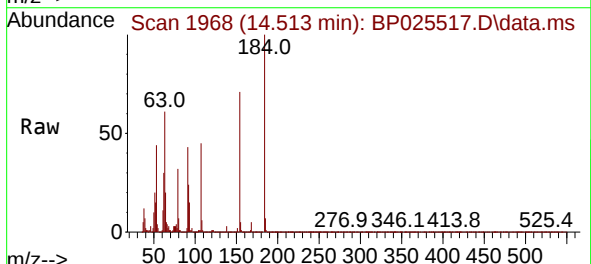
Manual Integrations
APPROVED

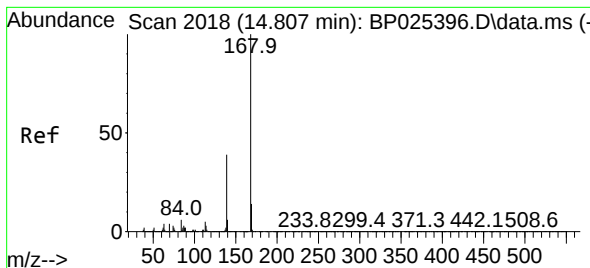
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#54
2,4-Dinitrophenol
Concen: 118.504 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

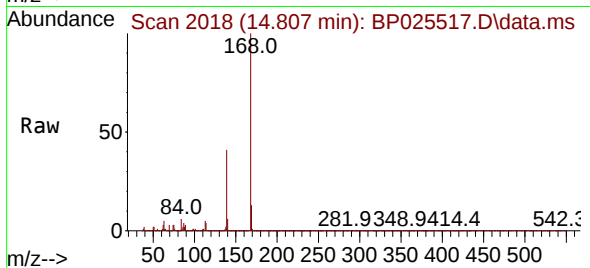
Tgt Ion:184 Resp: 436661
Ion Ratio Lower Upper
184 100
63 60.9 49.4 74.2
154 70.6 54.6 82.0





#55
Dibenzenofuran
Concen: 47.393 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

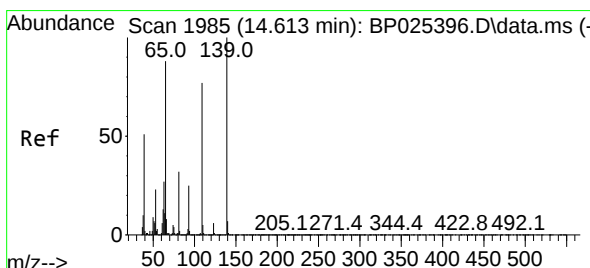
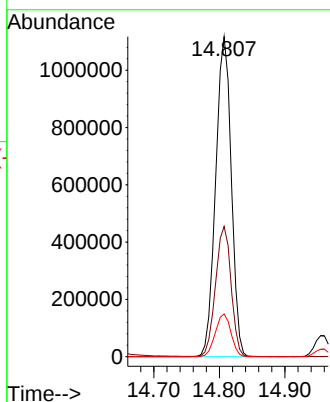
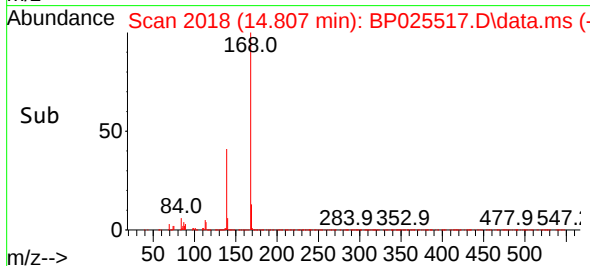
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



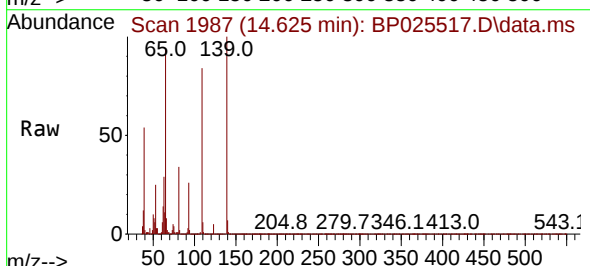
Tgt Ion:168 Resp: 183949
Ion Ratio Lower Upper
168 100
139 40.7 31.5 47.3
169 13.3 10.9 16.3

Manual Integrations
APPROVED

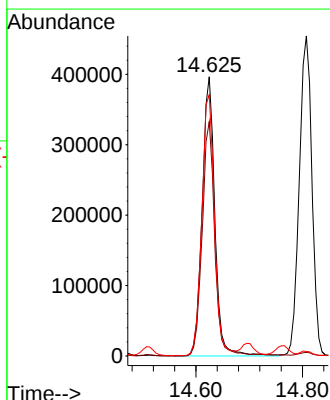
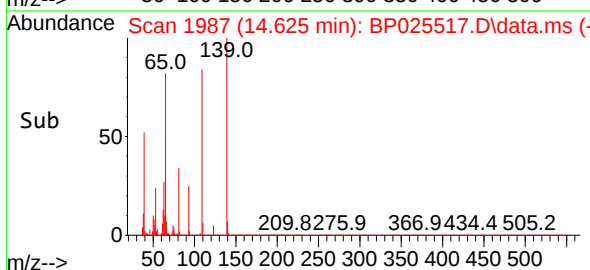
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

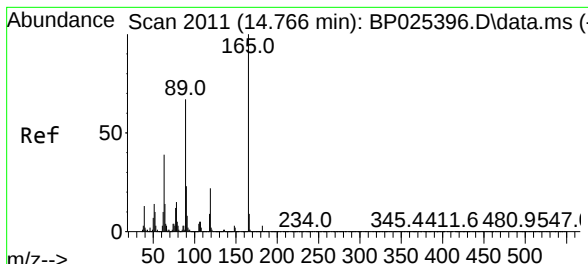


#56
4-Nitrophenol
Concen: 102.419 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



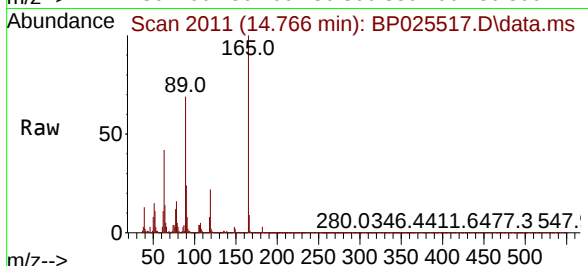
Tgt Ion:139 Resp: 653354
Ion Ratio Lower Upper
139 100
109 83.9 56.6 96.6
65 93.6 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 51.002 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

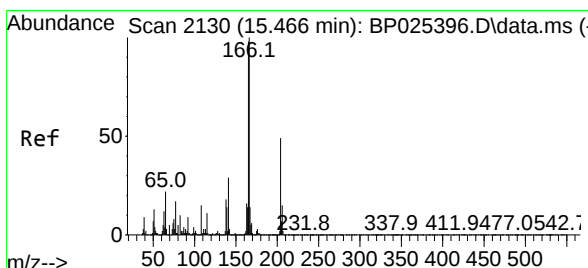
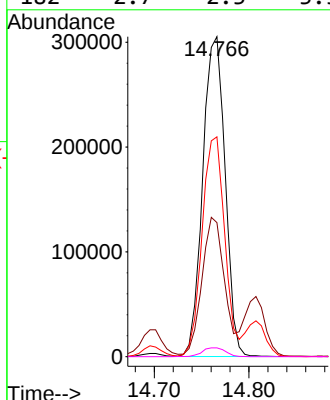
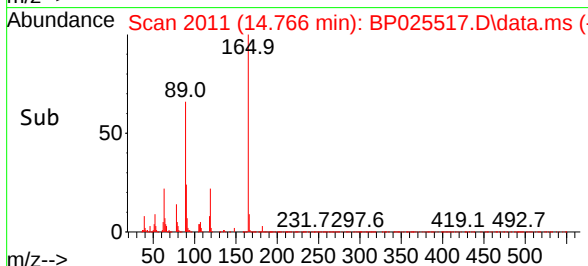
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



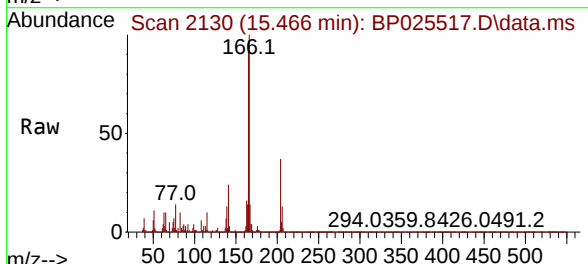
Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.9	31.4	47.2
89	68.7	53.3	79.9
182	2.7	2.3	3.5

Manual Integrations
APPROVED

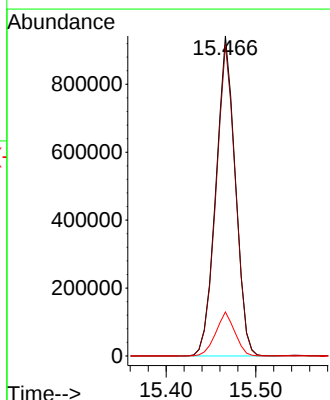
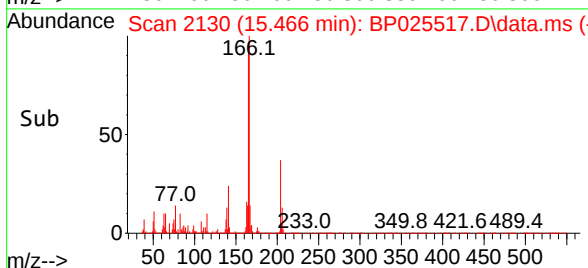
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

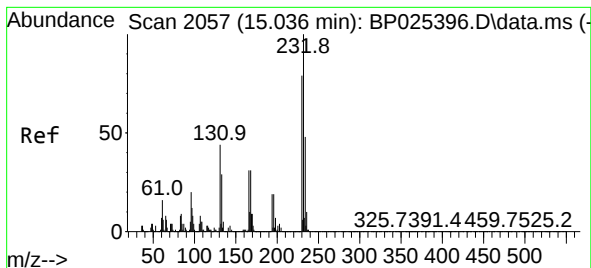


#58
Fluorene
Concen: 46.148 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



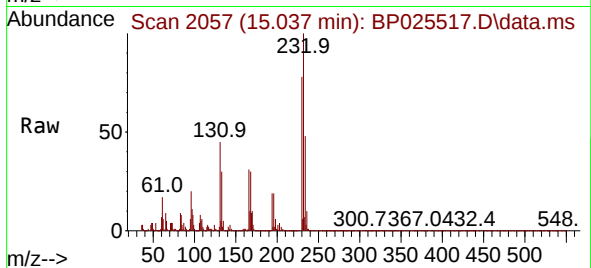
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.8	118.2
167	13.7	11.0	16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.097 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

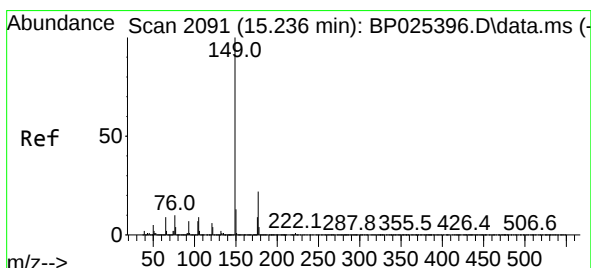
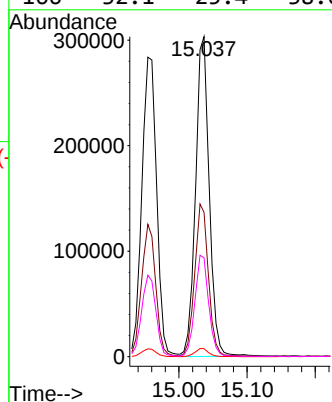
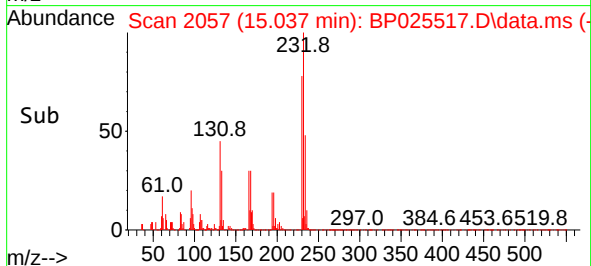
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



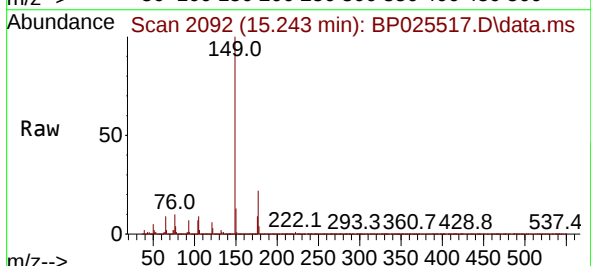
Tgt Ion:232 Resp: 422581
Ion Ratio Lower Upper
232 100
131 47.8 37.0 55.6
130 2.6 1.9 2.9
166 32.1 25.4 38.0

Manual Integrations
APPROVED

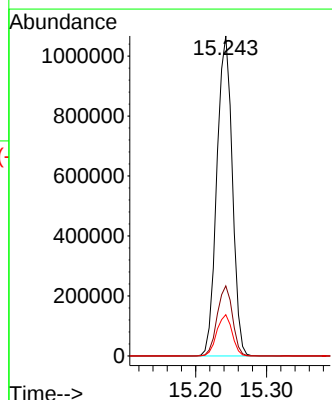
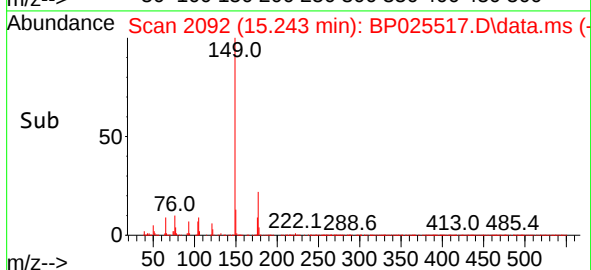
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

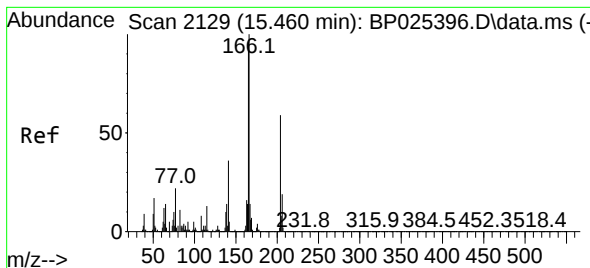


#60
Diethylphthalate
Concen: 48.175 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



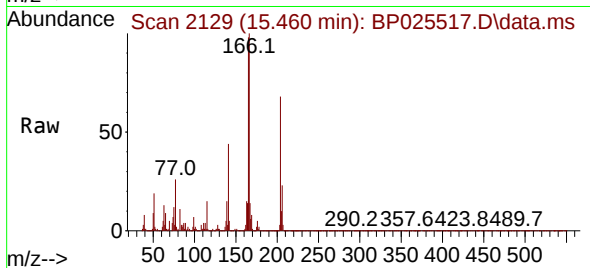
Tgt Ion:149 Resp: 1602496
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.278 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

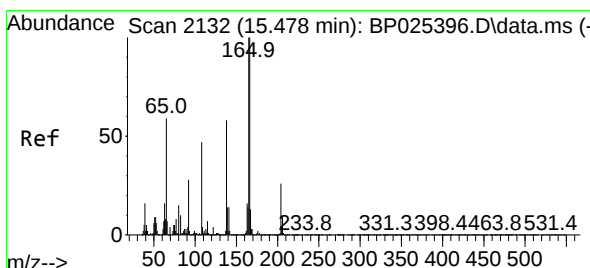
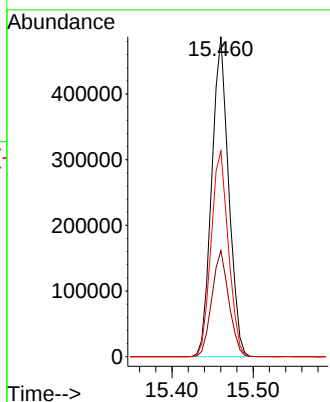
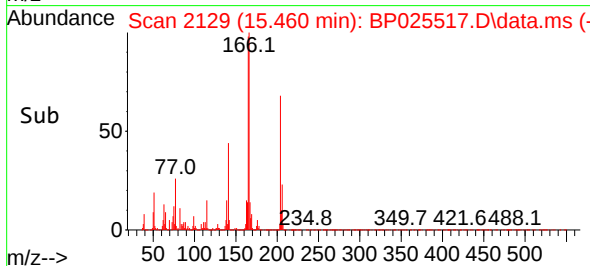
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



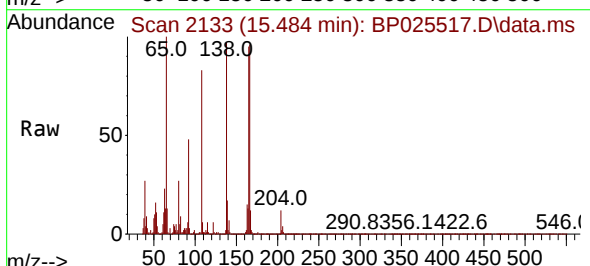
Tgt Ion:204 Resp: 704890
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 64.3 49.4 74.2

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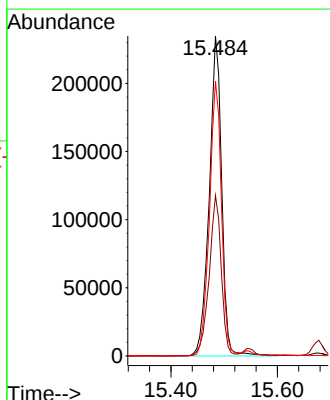
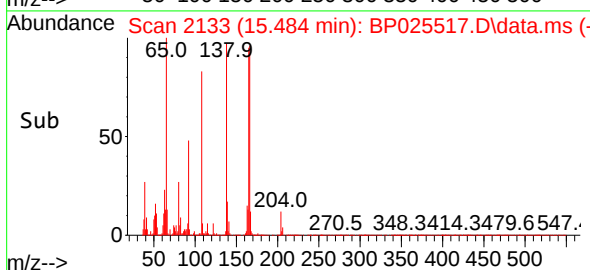
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

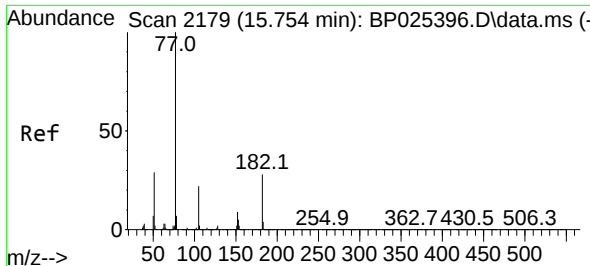


#62
4-Nitroaniline
Concen: 47.851 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



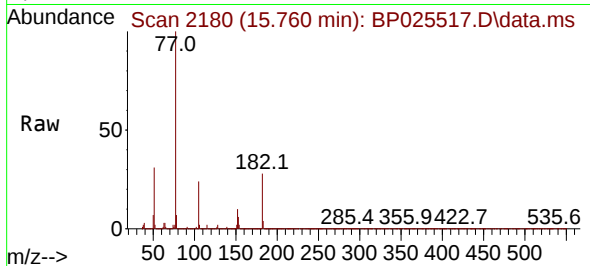
Tgt Ion:138 Resp: 380825
Ion Ratio Lower Upper
138 100
92 50.2 29.1 69.1
108 85.8 61.5 101.5





#63
Azobenzene
Concen: 54.544 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

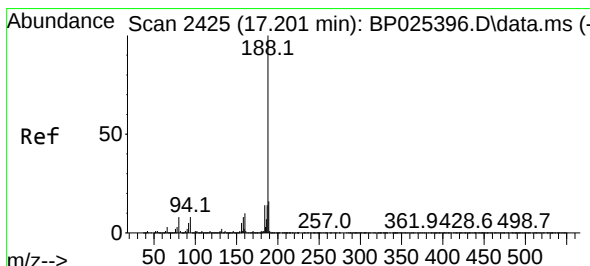
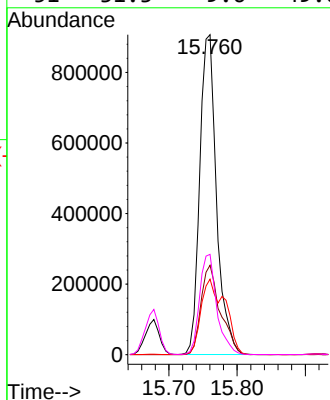
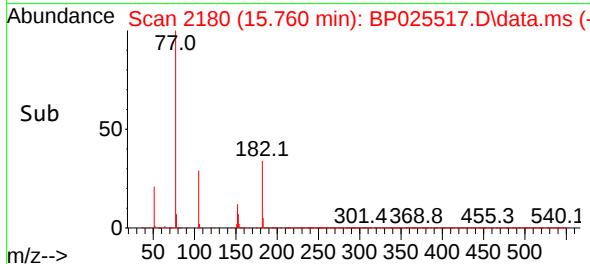
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion: 77 Resp: 155355
Ion Ratio Lower Upper
77 100
182 27.9 7.5 47.5
105 23.6 2.1 42.1
51 31.3 9.6 49.6

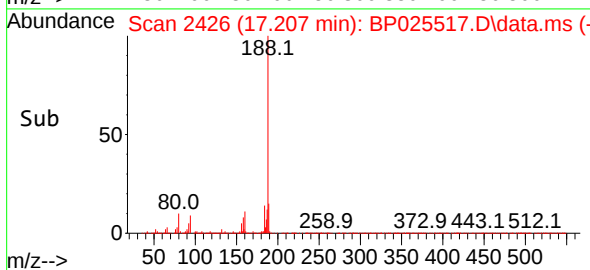
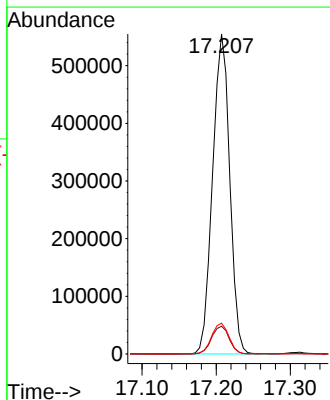
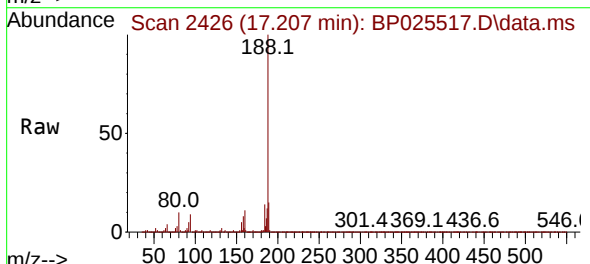
Manual Integrations
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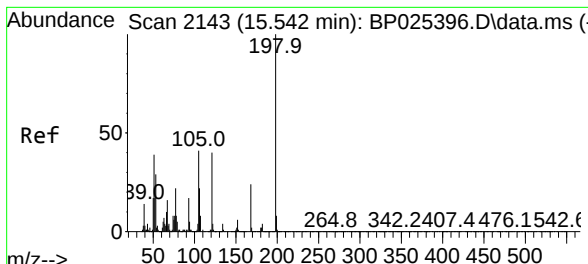
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Tgt Ion:188 Resp: 890323
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.6 6.7 10.1



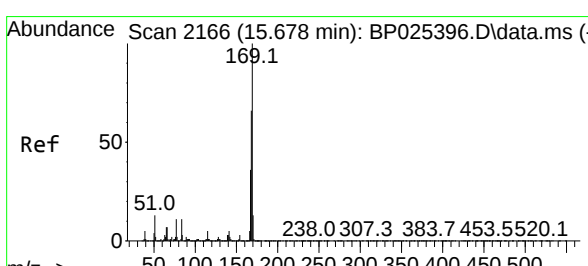
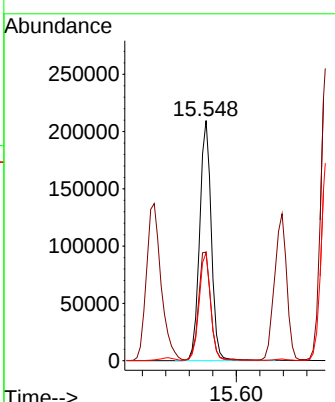
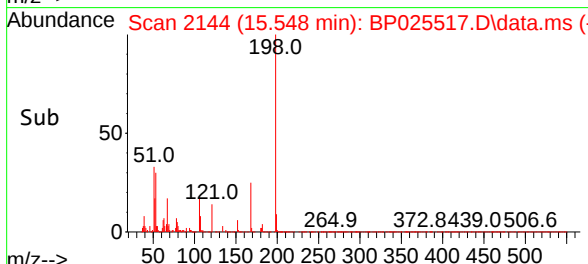
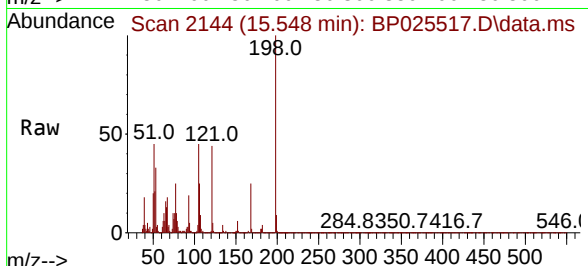


#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.785 ng
 RT: 15.548 min Scan# 2143
 Delta R.T. 0.006 min
 Lab File: BP025517.D
 Acq: 20 Aug 2025 21:52

Instrument : BNA_P
 ClientSampleId : 22BP-WMSD

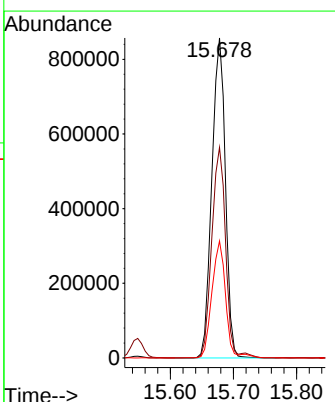
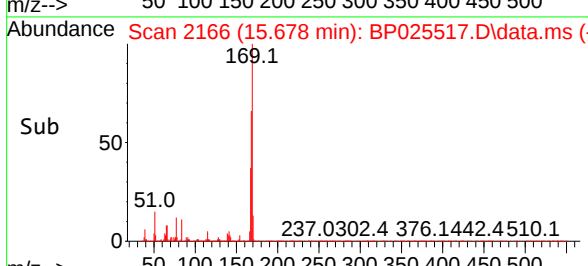
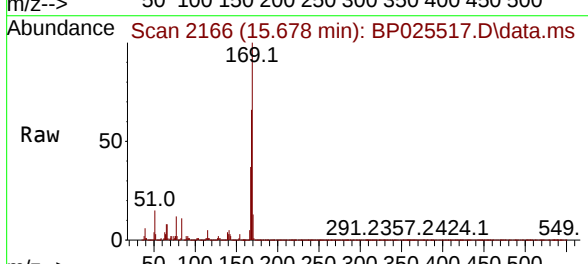
Tgt Ion:	198	Resp:	28739
Ion Ratio	Lower	Upper	
198	100		
51	45.3	19.6	59.6
105	44.9	20.9	60.9

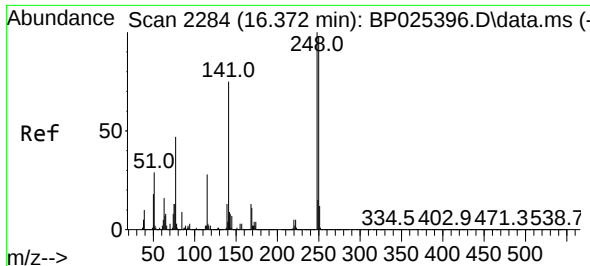
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025



#66
 n-Nitrosodiphenylamine
 Concen: 46.939 ng
 RT: 15.678 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: BP025517.D
 Acq: 20 Aug 2025 21:52

Tgt Ion:	169	Resp:	1274387
Ion Ratio	Lower	Upper	
169	100		
168	65.8	53.2	79.8
167	36.6	28.7	43.1





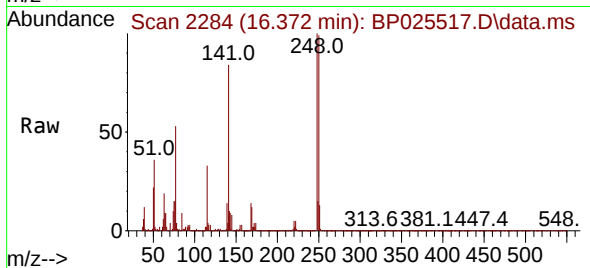
#67
4-Bromophenyl-phenylether
Concen: 47.077 ng
RT: 16.372 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD

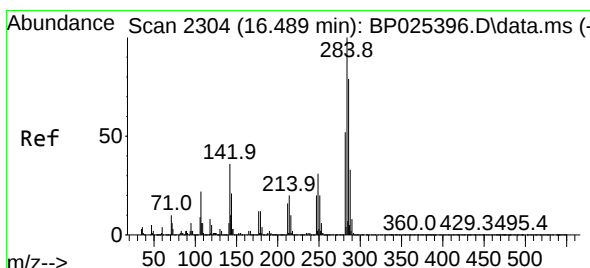
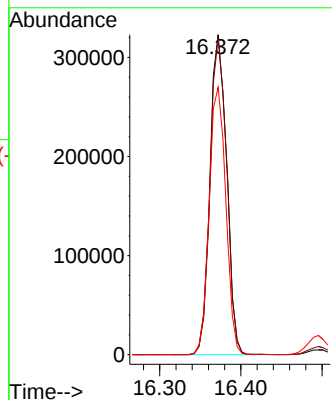
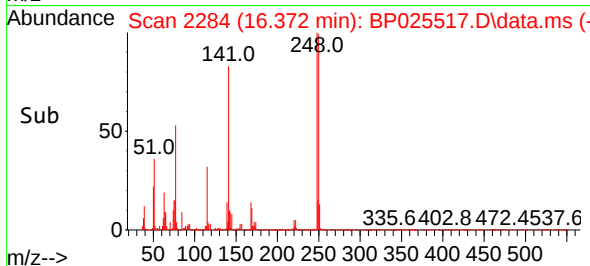


Tgt Ion:248 Resp: 46097
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.2
141 83.6 59.6 89.4

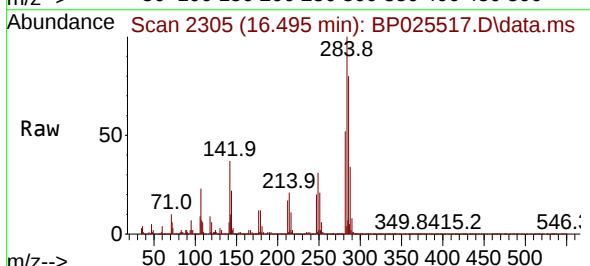
Manual Integrations

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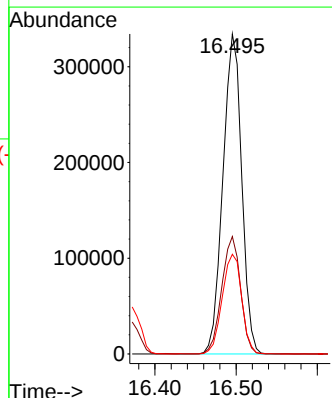
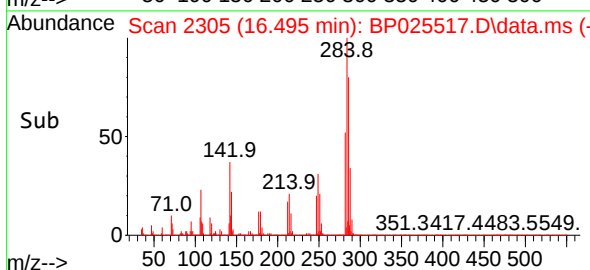
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

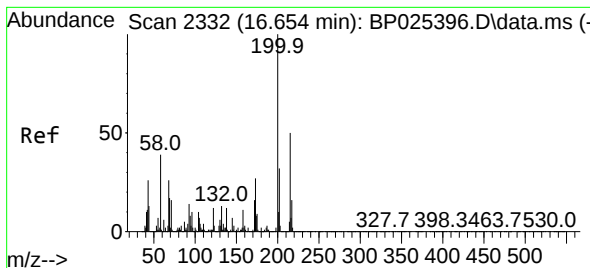


#68
Hexachlorobenzene
Concen: 47.319 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52



Tgt Ion:284 Resp: 537114
Ion Ratio Lower Upper
284 100
142 36.7 29.1 43.7
249 31.2 25.0 37.4





#69

Atrazine

Concen: 49.377 ng

RT: 16.660 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

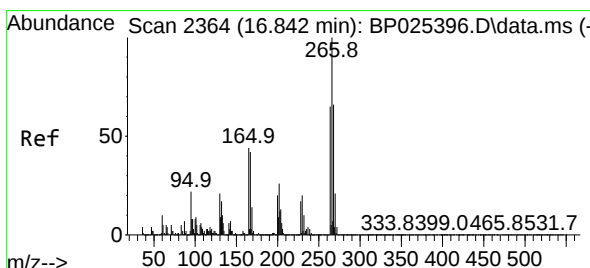
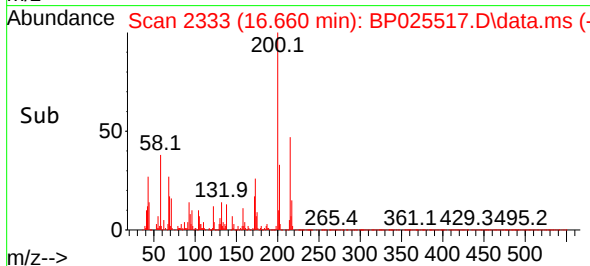
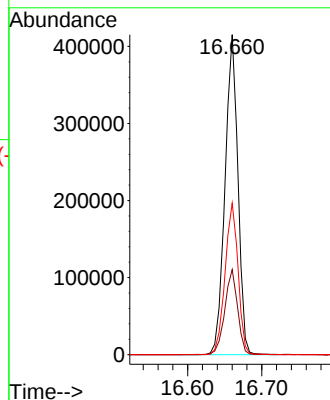
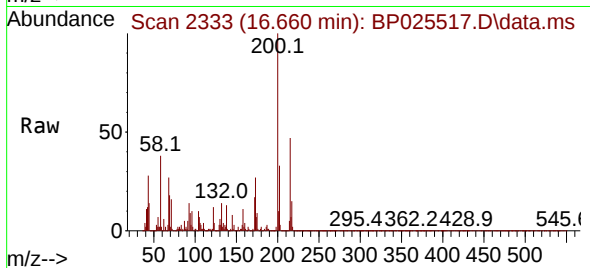
22BP-WMSD

Tgt Ion:200 Resp: 50204
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.7 46.7
 215 47.4 29.7 69.7

Manual Integrations

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



#70

Pentachlorophenol

Concen: 102.305 ng

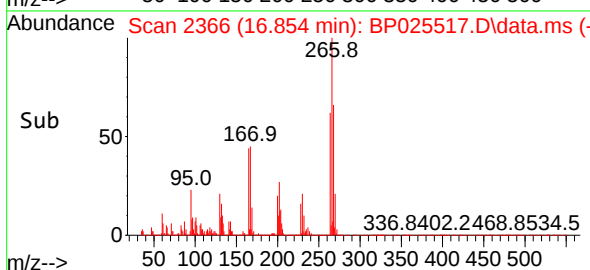
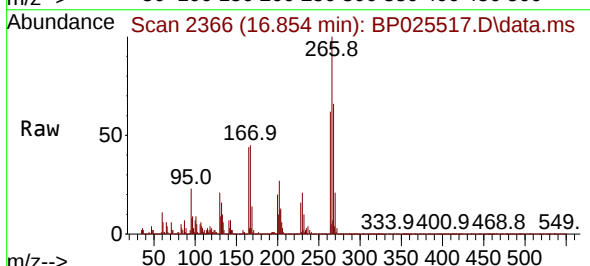
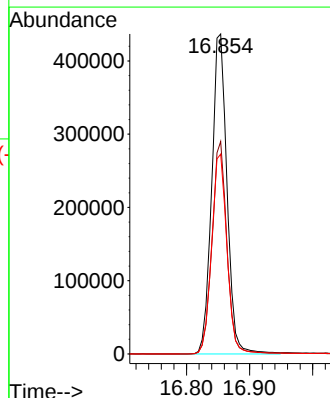
RT: 16.854 min Scan# 2366

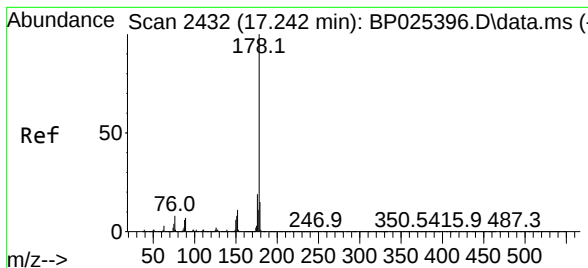
Delta R.T. 0.012 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Tgt Ion:266 Resp: 733038
 Ion Ratio Lower Upper
 266 100
 268 66.4 52.6 79.0
 264 62.5 52.0 78.0





#71

Phenanthrene

Concen: 47.697 ng

RT: 17.254 min Scan# 2432

Delta R.T. 0.012 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD

Tgt Ion:178 Resp: 2332780

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

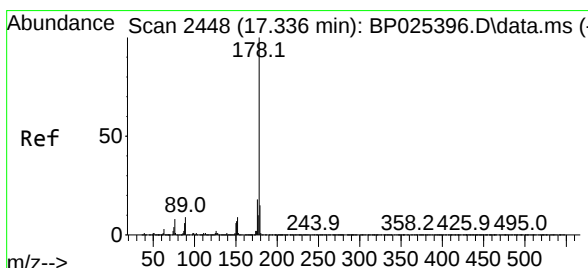
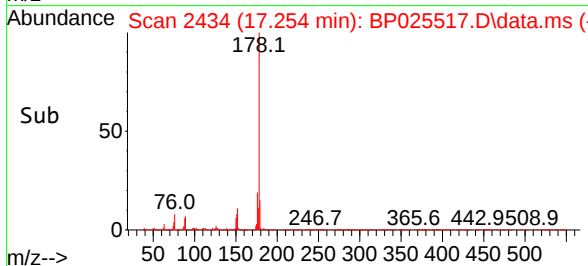
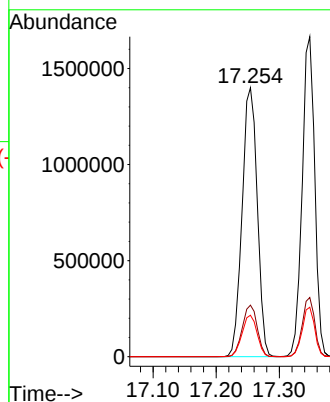
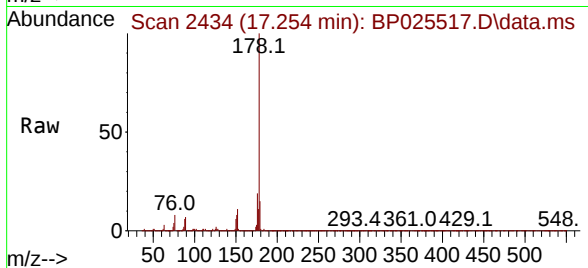
179 15.4 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#72

Anthracene

Concen: 46.121 ng

RT: 17.348 min Scan# 2450

Delta R.T. 0.012 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

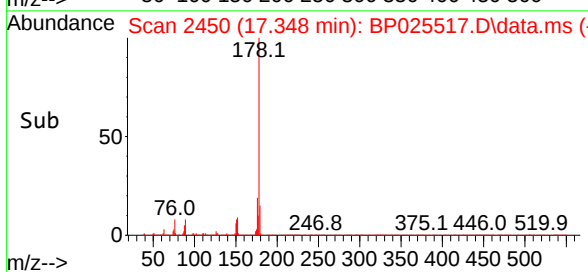
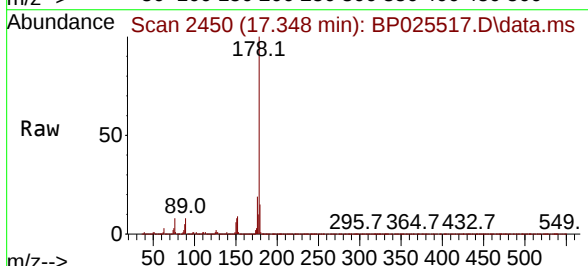
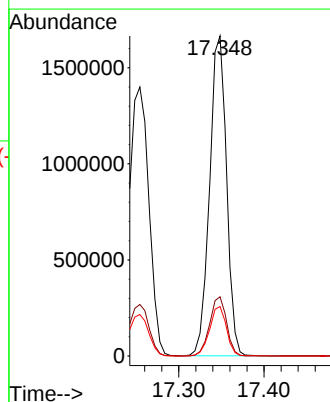
Tgt Ion:178 Resp: 2303551

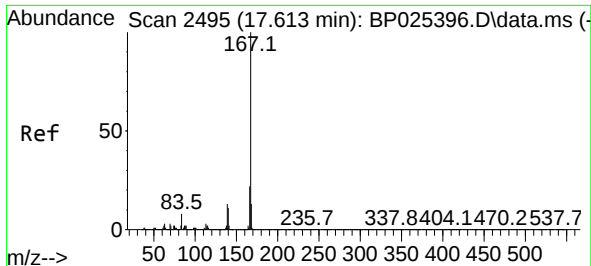
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

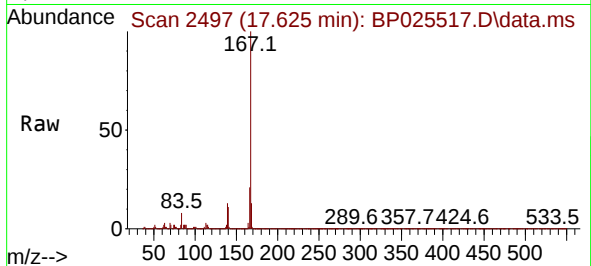
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 47.601 ng
 RT: 17.625 min Scan# 2495
 Delta R.T. 0.012 min
 Lab File: BP025517.D
 Acq: 20 Aug 2025 21:52

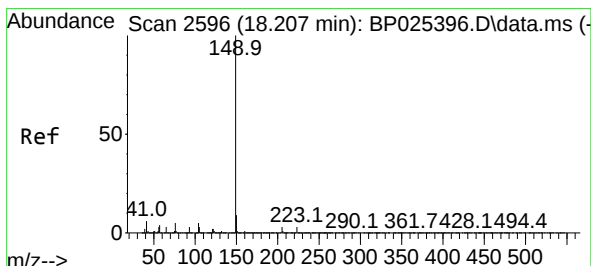
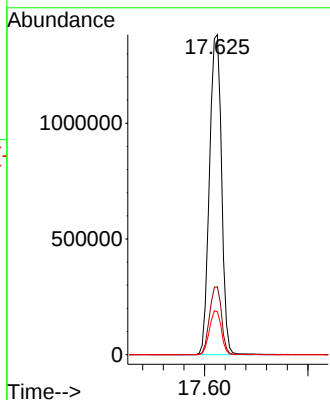
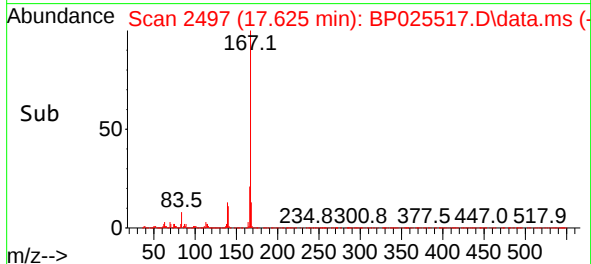
Instrument :
 BNA_P
 ClientSampleId :
 22BP-WMSD



Tgt Ion:167 Resp: 2239338
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.5 26.3
 139 13.5 10.6 16.0

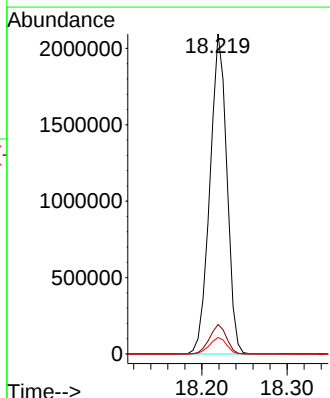
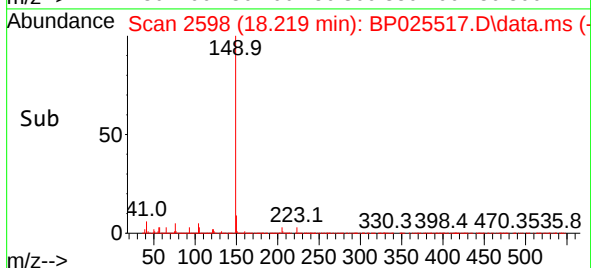
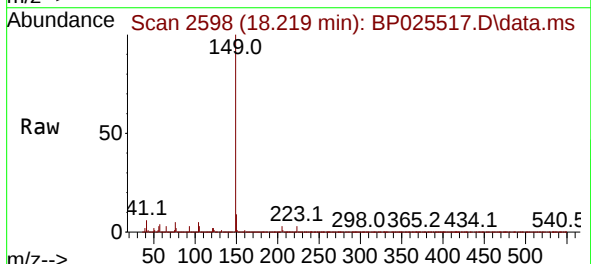
Manual Integrations
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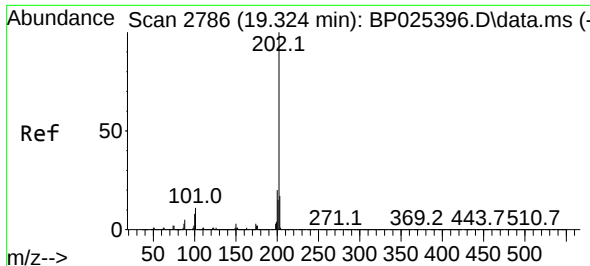
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025



#74
 Di-n-butylphthalate
 Concen: 49.977 ng
 RT: 18.219 min Scan# 2598
 Delta R.T. 0.012 min
 Lab File: BP025517.D
 Acq: 20 Aug 2025 21:52

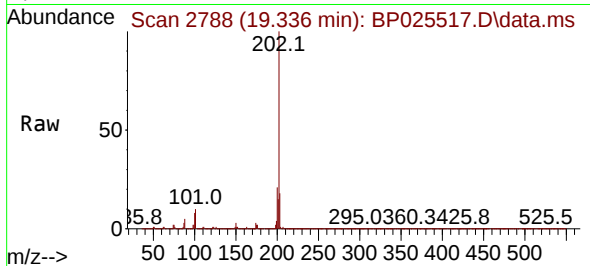
Tgt Ion:149 Resp: 2892663
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 47.653 ng
RT: 19.336 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

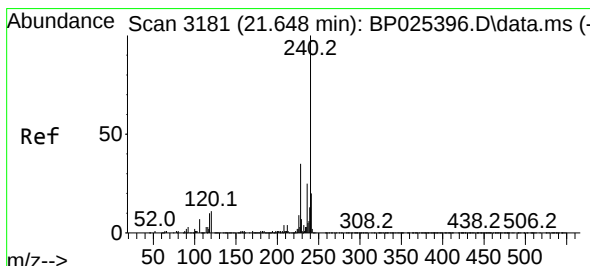
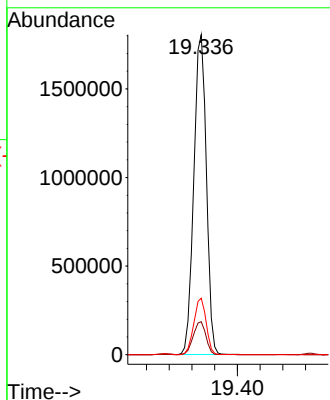
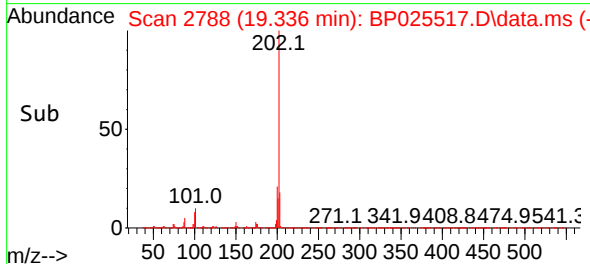
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:202 Resp: 278002
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.7 0.0 37.3

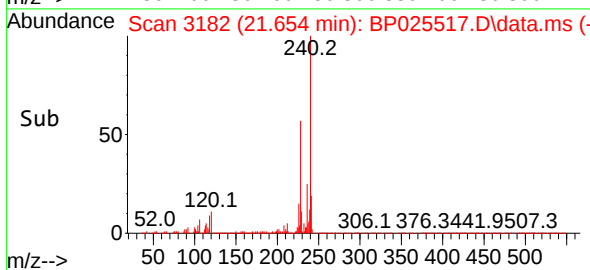
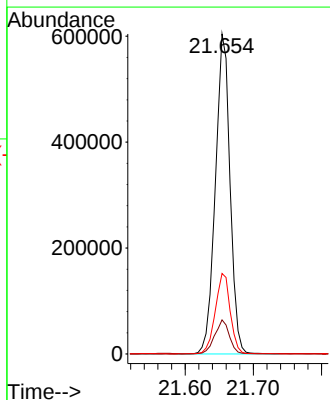
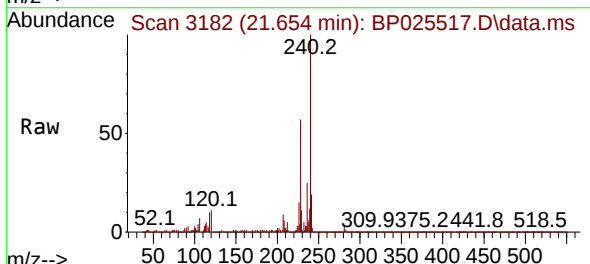
Manual Integrations
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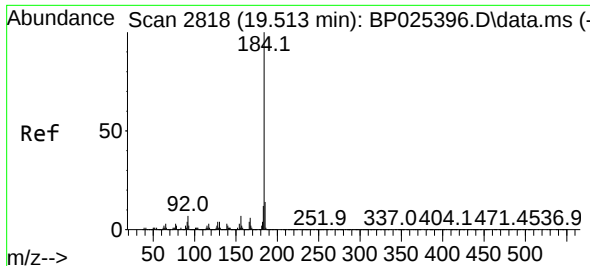
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

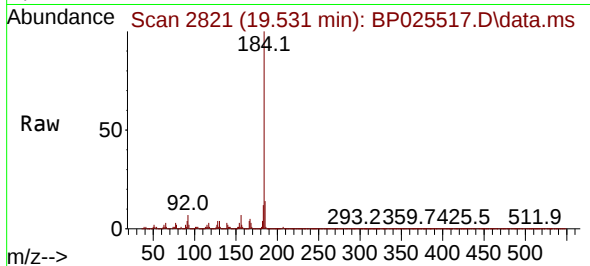
Tgt Ion:240 Resp: 903947
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.1 19.8 29.8





#77
Benzidine
Concen: 42.524 ng
RT: 19.531 min Scan# 2818
Delta R.T. 0.018 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

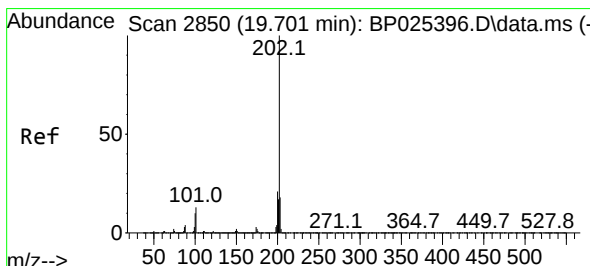
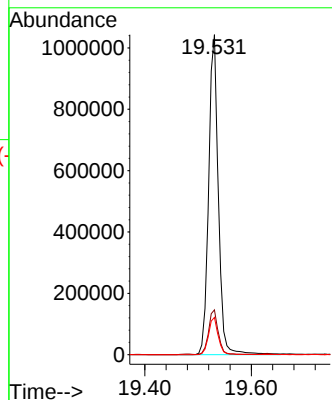
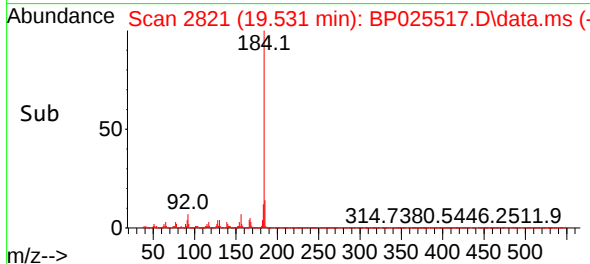
Instrument :
BNA_P
ClientSampleId :
22BP-WMSD



Tgt Ion:184 Resp: 131186
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.7 9.4 14.2

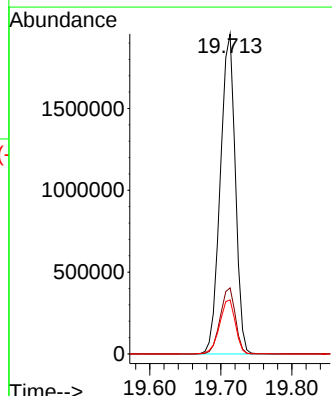
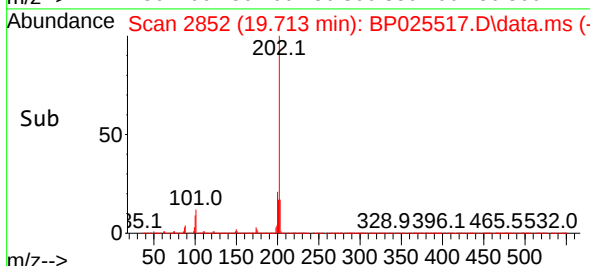
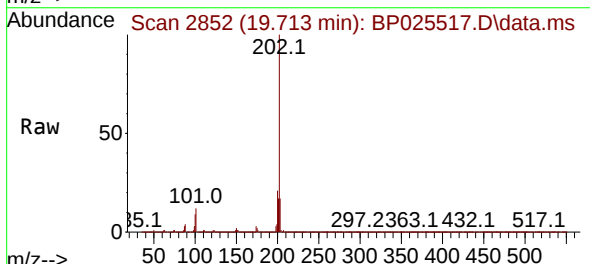
Manual Integrations
APPROVED

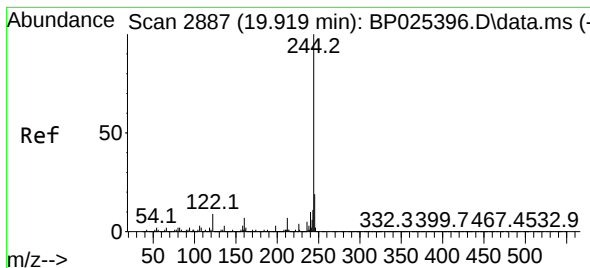
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#78
Pyrene
Concen: 48.721 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025517.D
Acq: 20 Aug 2025 21:52

Tgt Ion:202 Resp: 2862551
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 16.9 14.2 21.2





#79

Terphenyl-d14

Concen: 60.718 ng

RT: 19.925 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025517.D

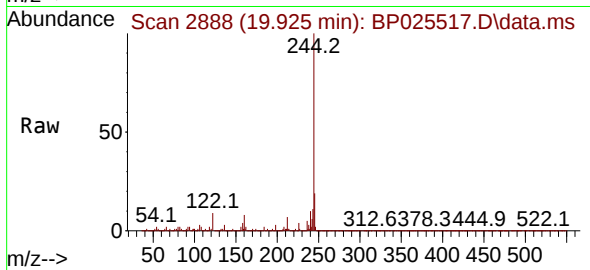
Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD



Tgt Ion:244 Resp: 2999909

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

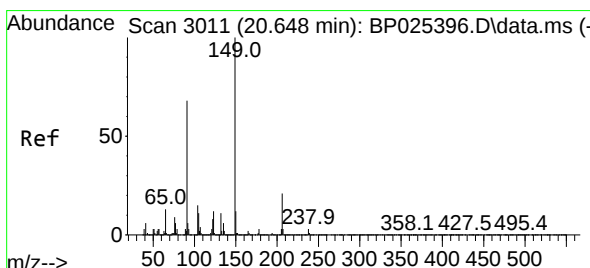
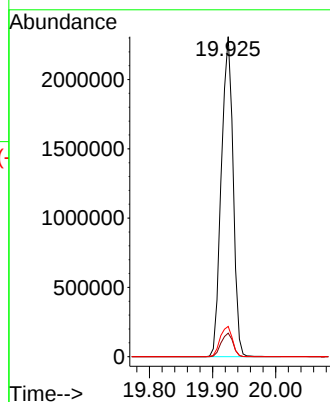
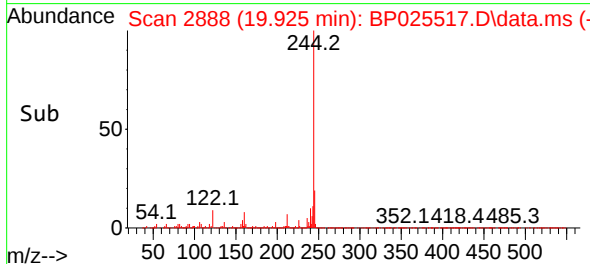
122 9.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#80

Butylbenzylphthalate

Concen: 50.777 ng

RT: 20.654 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

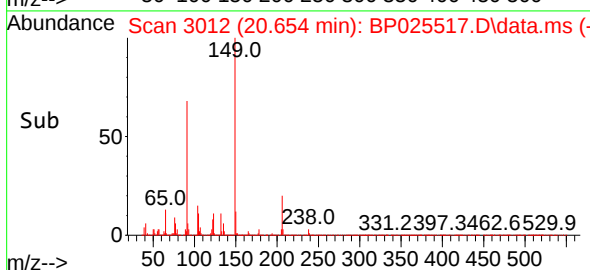
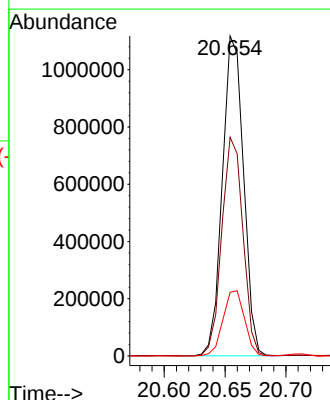
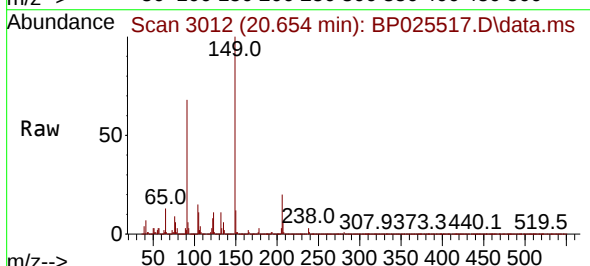
Tgt Ion:149 Resp: 1352098

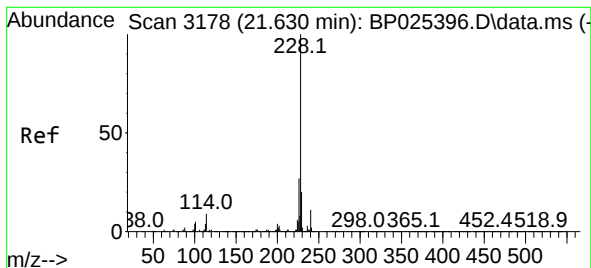
Ion Ratio Lower Upper

149 100

91 68.4 54.2 81.2

206 19.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.153 ng

RT: 21.636 min Scan# 3178

Delta R.T. 0.006 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Instrument :

BNP_P

ClientSampleId :

22BP-WMSD

Tgt Ion:228 Resp: 2870654

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

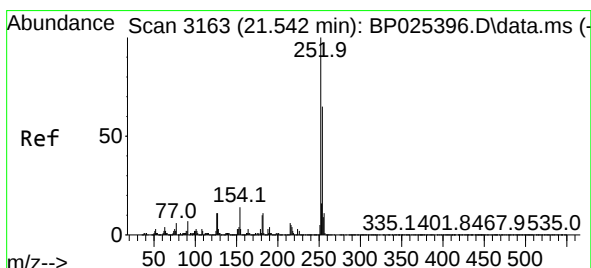
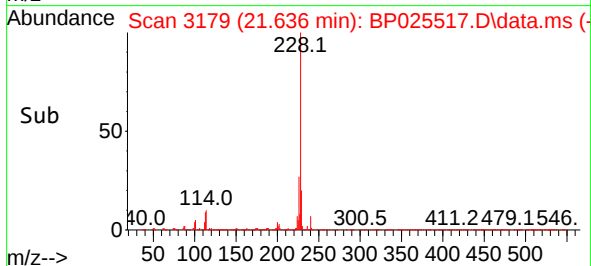
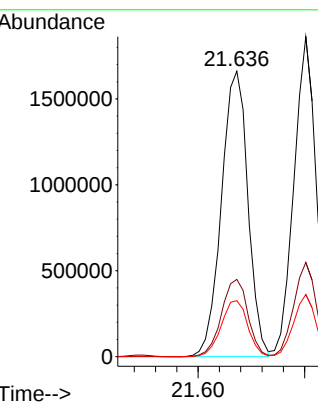
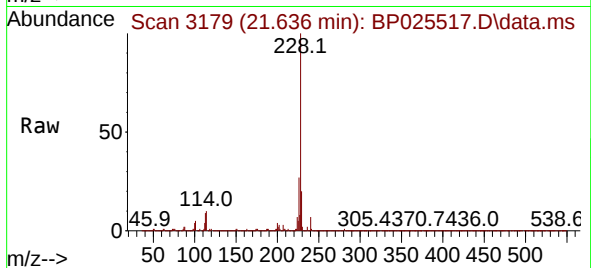
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#82

3,3'-Dichlorobenzidine

Concen: 33.263 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

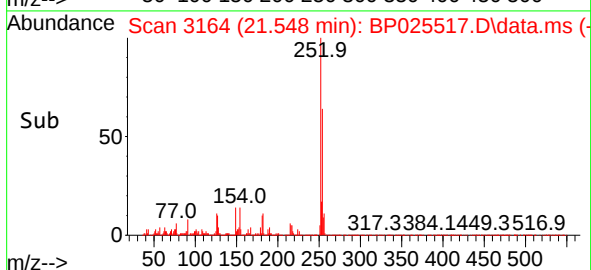
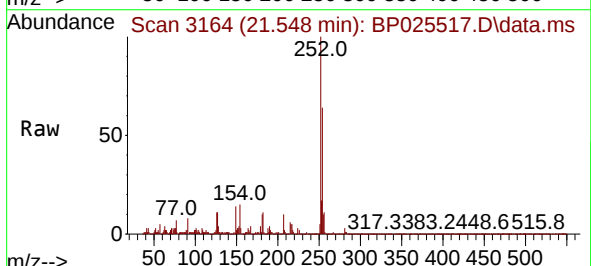
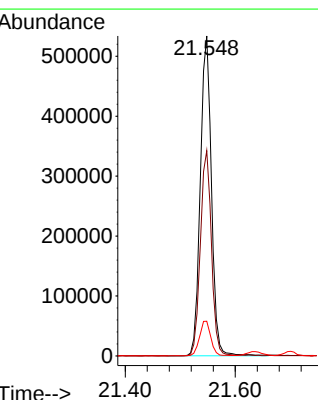
Tgt Ion:252 Resp: 747438

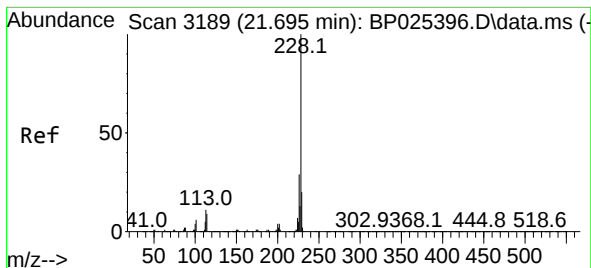
Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

126 10.8 9.1 13.7





#83

Chrysene

Concen: 48.078 ng

RT: 21.701 min Scan# 3189

Delta R.T. 0.006 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD

Tgt Ion:228 Resp: 2684186

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

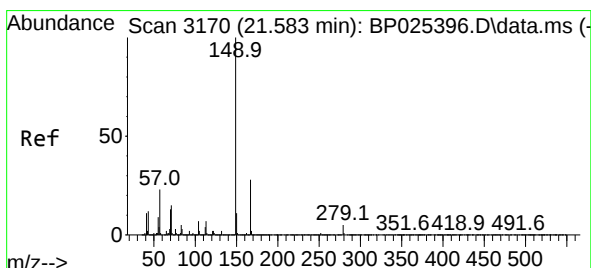
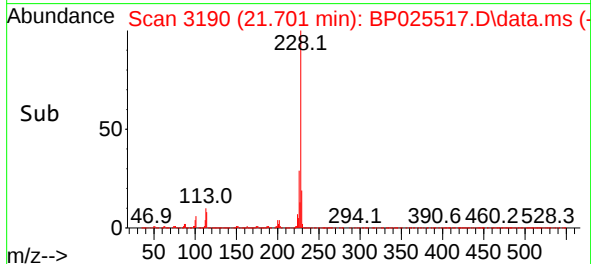
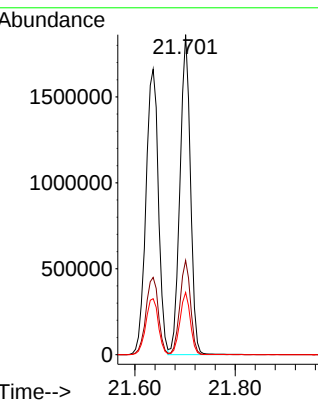
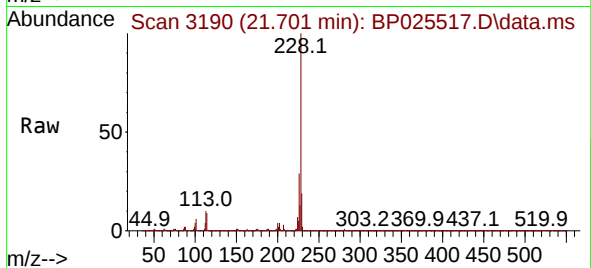
229 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.332 ng

RT: 21.572 min Scan# 3168

Delta R.T. -0.012 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

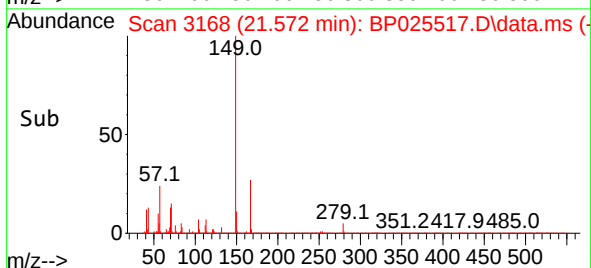
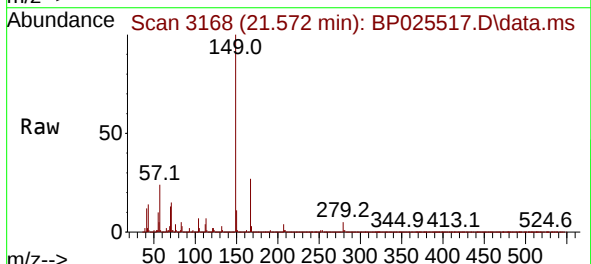
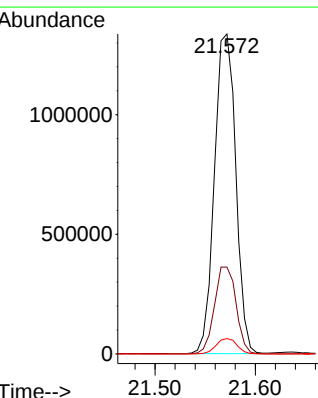
Tgt Ion:149 Resp: 1972886

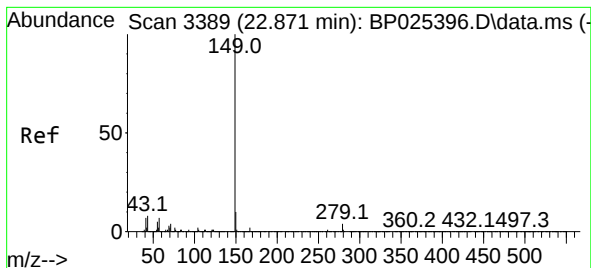
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.668 ng

RT: 22.860 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD

Tgt Ion:149 Resp: 348354

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

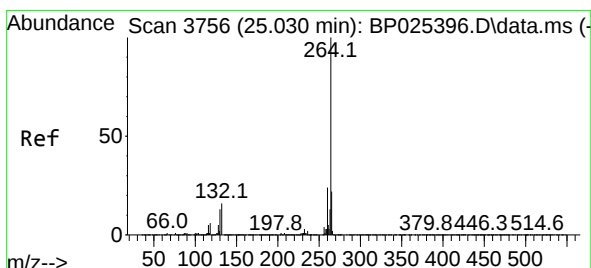
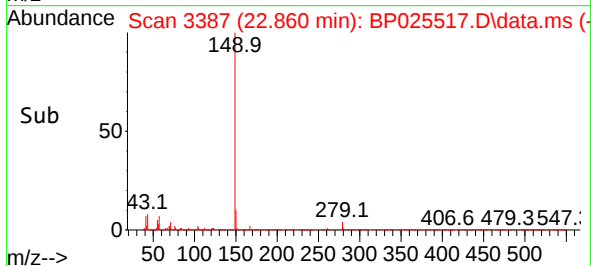
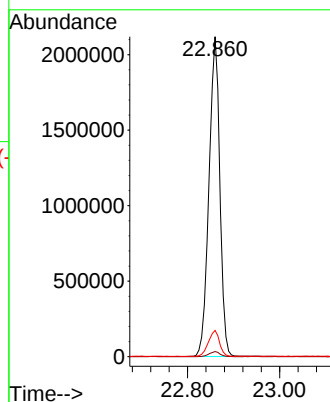
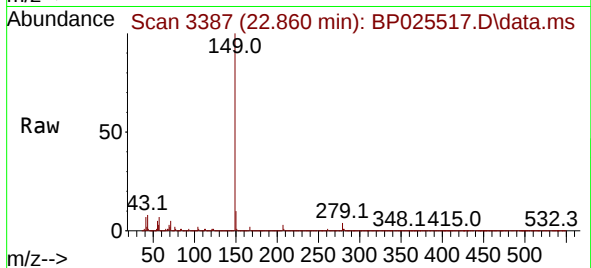
43 8.3 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.019 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

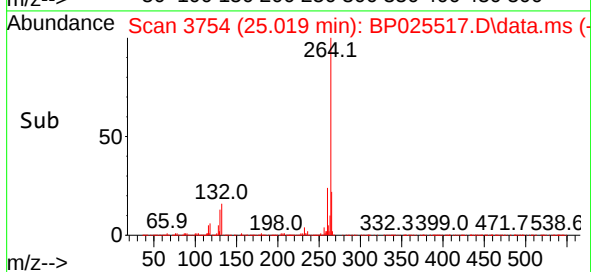
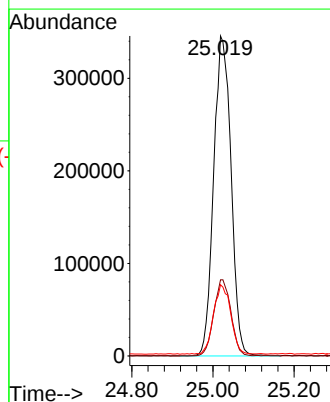
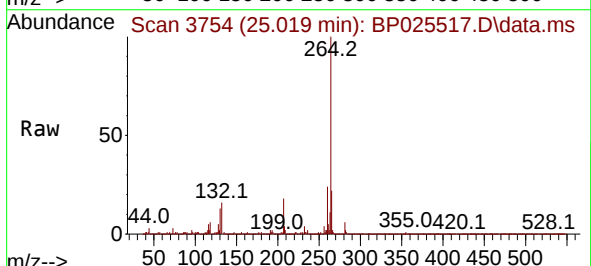
Tgt Ion:264 Resp: 1025346

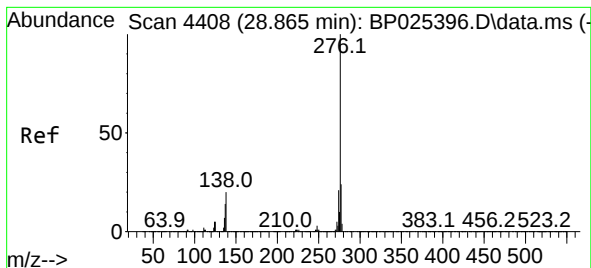
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.927 ng m

RT: 28.883 min Scan# 4408

Delta R.T. 0.018 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD

Tgt Ion:276 Resp: 375426

Ion Ratio Lower Upper

276 100

138 16.3 12.9 19.3

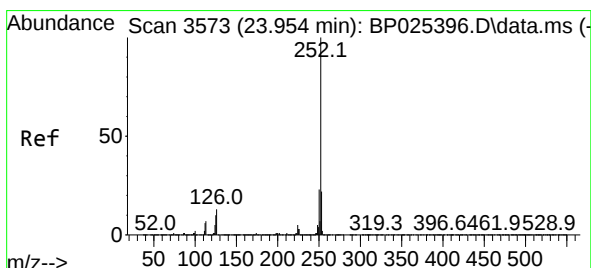
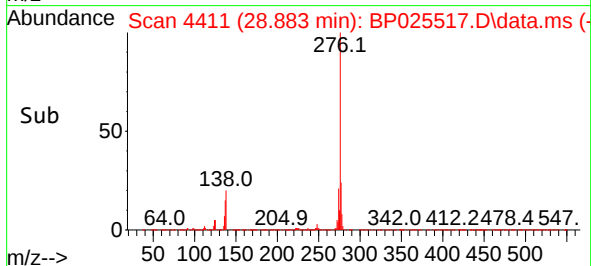
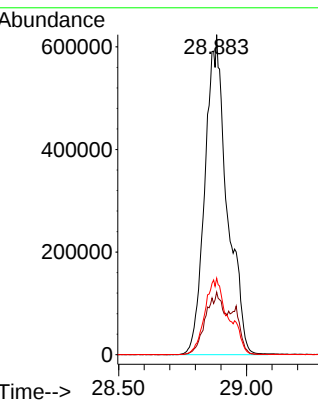
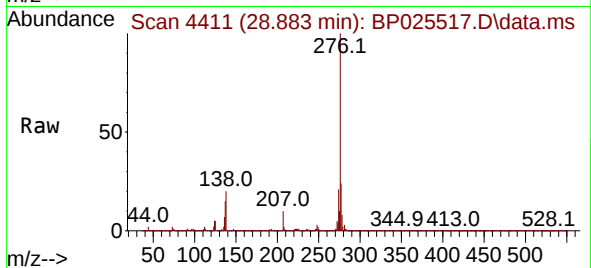
277 11.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#88

Benzo(b)fluoranthene

Concen: 49.886 ng

RT: 23.942 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

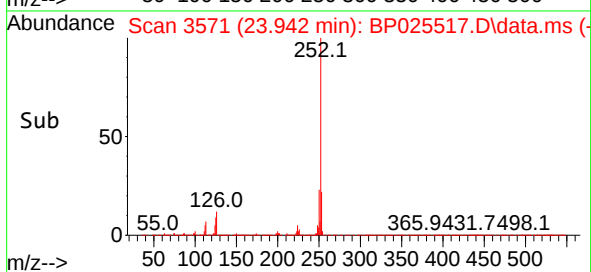
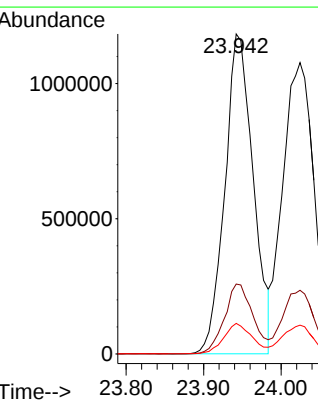
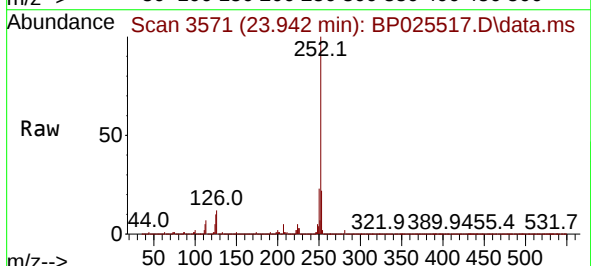
Tgt Ion:252 Resp: 3016187

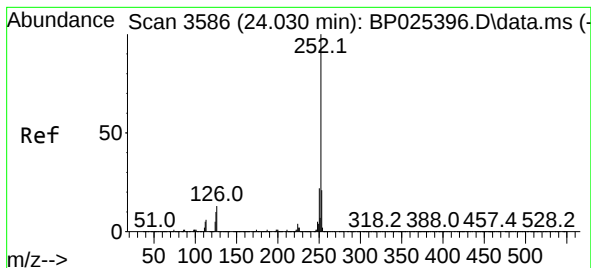
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 49.184 ng

RT: 24.024 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD

Tgt Ion:252 Resp: 2975790

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

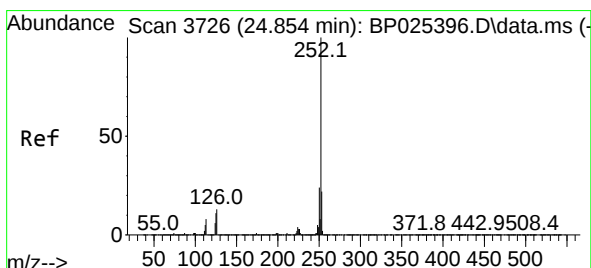
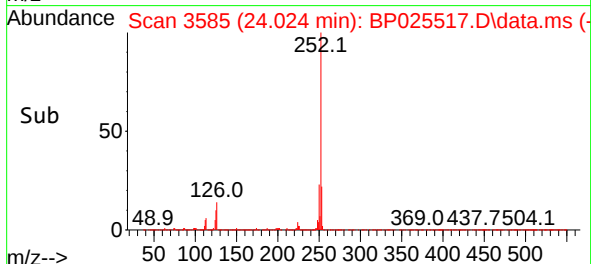
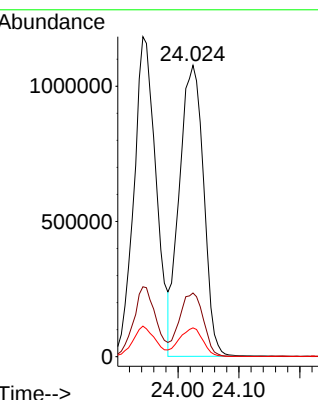
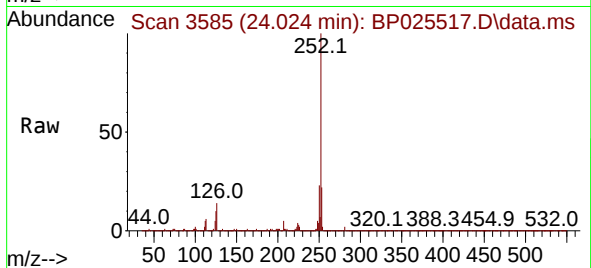
125 9.9 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#90

Benzo(a)pyrene

Concen: 49.381 ng

RT: 24.866 min Scan# 3728

Delta R.T. 0.012 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

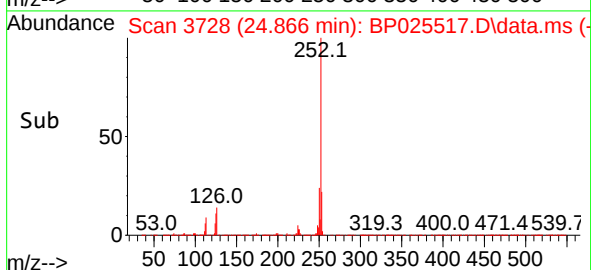
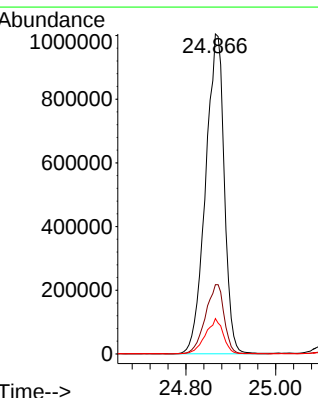
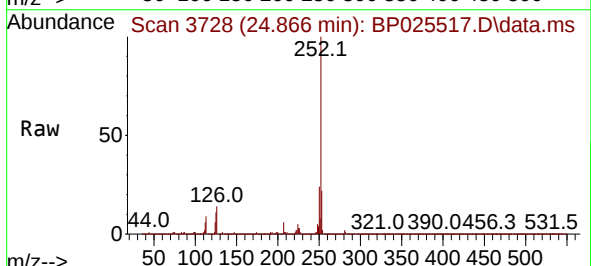
Tgt Ion:252 Resp: 2906291

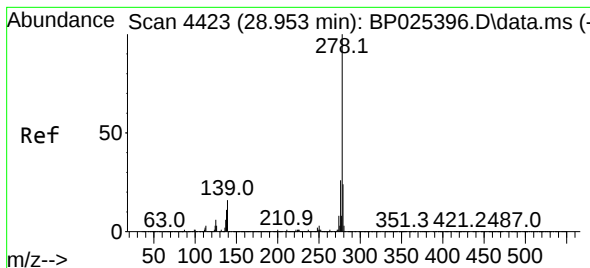
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 49.809 ng

RT: 28.959 min Scan# 4423

Delta R.T. 0.006 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Instrument :

BNA_P

ClientSampleId :

22BP-WMSD

Tgt Ion:278 Resp: 3060770

Ion Ratio Lower Upper

278 100

139 15.4 13.0 19.4

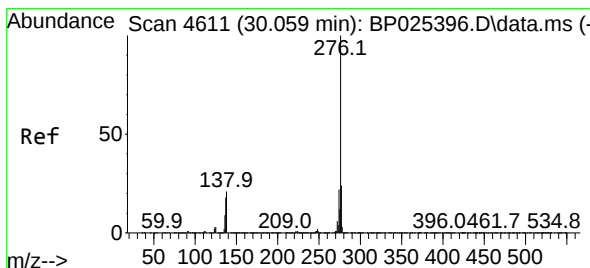
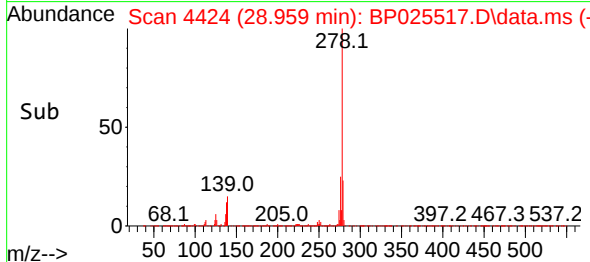
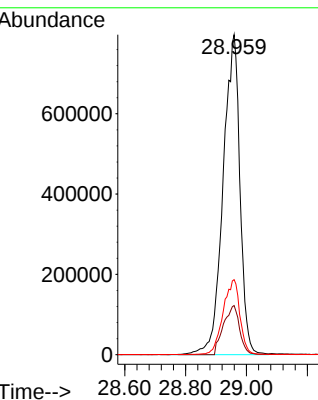
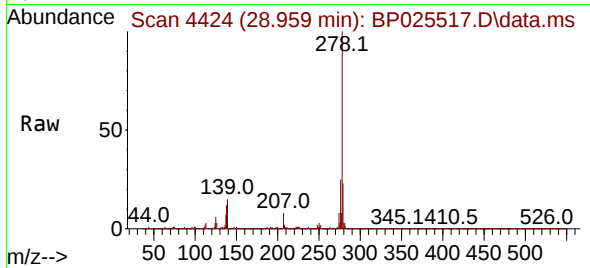
279 23.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#92

Benzo(g,h,i)perylene

Concen: 50.261 ng

RT: 30.059 min Scan# 4611

Delta R.T. 0.000 min

Lab File: BP025517.D

Acq: 20 Aug 2025 21:52

Tgt Ion:276 Resp: 3035965

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 20.1 16.7 25.1

