

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025845.D
 Acq On : 24 Sep 2025 14:41
 Operator : CG/JU
 Sample : Q3159-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/25/2025

Supervised By :Jagrut Upadhyay 09/25/2025

Quant Time: Sep 24 15:03:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 11 16:45:04 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	152433	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	642516	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	449880	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	981325	20.000	ng	0.00
76) Chrysene-d12	21.619	240	971996	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1089001	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	789261	83.546	ng	0.00
7) Phenol-d6	6.955	99	1071951	85.368	ng	0.00
23) Nitrobenzene-d5	8.890	82	638880	43.861	ng	-0.01
42) 2,4,6-Tribromophenol	15.889	330	505896	90.156	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	1486713	44.002	ng	0.00
79) Terphenyl-d14	19.901	244	2643241	48.922	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	151194	38.132	ng	97
3) Pyridine	3.702	79	421056	38.566	ng	93
4) n-Nitrosodimethylamine	3.608	42	206365	40.057	ng	88
6) Aniline	7.084	93	426583	24.748	ng	99
8) 2-Chlorophenol	7.331	128	513522	49.550	ng	98
9) Benzaldehyde	6.902	77	290760	38.632	ng	99
10) Phenol	6.978	94	654088	49.401	ng	97
11) bis(2-Chloroethyl)ether	7.178	93	477622	44.899	ng	96
12) 1,3-Dichlorobenzene	7.637	146	528794	44.831	ng	97
13) 1,4-Dichlorobenzene	7.784	146	549703	45.751	ng	99
14) 1,2-Dichlorobenzene	8.096	146	527885	45.225	ng	98
15) Benzyl Alcohol	7.990	79	481357	46.391	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.260	45	734247	42.207	ng	98
17) 2-Methylphenol	8.202	107	439962	49.286	ng	99
18) Hexachloroethane	8.813	117	205716	44.824	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	387626	44.259	ng	96
20) 3+4-Methylphenols	8.531	107	595930	47.668	ng	98
22) Acetophenone	8.560	105	842940	49.093	ng	# 99
24) Nitrobenzene	8.937	77	575680	44.056	ng	97
25) Isophorone	9.460	82	1121036	43.787	ng	99
26) 2-Nitrophenol	9.637	139	289604	49.918	ng	94
27) 2,4-Dimethylphenol	9.707	122	496294	48.762	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	678294	45.833	ng	99
29) 2,4-Dichlorophenol	10.190	162	511824	50.437	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	525655	45.962	ng	99
31) Naphthalene	10.566	128	1558447	44.983	ng	99
32) Benzoic acid	9.907	122	449198	59.362	ng	97
33) 4-Chloroaniline	10.684	127	256373	17.754	ng	99
34) Hexachlorobutadiene	10.843	225	334592	45.447	ng	100
35) Caprolactam	11.490	113	189259	48.381	ng	95
36) 4-Chloro-3-methylphenol	11.831	107	595223	49.198	ng	97
37) 2-Methylnaphthalene	12.178	142	1041680	46.813	ng	99
38) 1-Methylnaphthalene	12.395	142	1090767	45.968	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	702193	51.509	ng	99
41) Hexachlorocyclopentadiene	12.525	237	522588	70.384	ng	98
43) 2,4,6-Trichlorophenol	12.801	196	450018	50.214	ng	98

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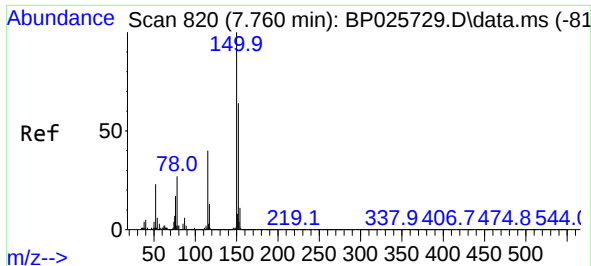
Manual Integrations
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Reviewed By :Rahul Chavli 09/25/2025
 Supervised By :Jagrut Upadhyay 09/25/2025

Quant Time: Sep 24 15:03:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

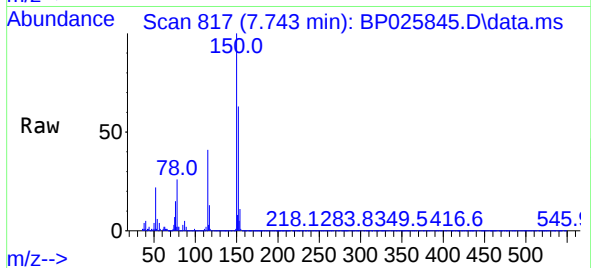
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	495149	49.643	ng	95
46) 1,1'-Biphenyl	13.195	154	1677730	50.807	ng	99
47) 2-Chloronaphthalene	13.242	162	1197961	46.074	ng	98
48) 2-Nitroaniline	13.448	65	403742	46.582	ng	97
49) Acenaphthylene	14.089	152	2034141	47.217	ng	100
50) Dimethylphthalate	13.825	163	1560647	45.438	ng	100
51) 2,6-Dinitrotoluene	13.948	165	357875	49.180	ng	94
52) Acenaphthene	14.437	154	1128044	45.404	ng	100
53) 3-Nitroaniline	14.289	138	218551	28.560	ng	99
54) 2,4-Dinitrophenol	14.501	184	435998	91.419	ng	99
55) Dibenzofuran	14.778	168	1852056	45.739	ng	98
56) 4-Nitrophenol	14.654	139	548930	83.114	ng	97
57) 2,4-Dinitrotoluene	14.748	165	517775	49.997	ng	94
58) Fluorene	15.436	166	1509318	46.876	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.025	232	452737	50.389	ng	96
60) Diethylphthalate	15.201	149	1657757	47.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.431	204	767272	47.284	ng	96
62) 4-Nitroaniline	15.472	138	395195	50.411	ng	96
63) Azobenzene	15.731	77	1660111	49.280	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	316584	48.510	ng	87
66) n-Nitrosodiphenylamine	15.654	169	1381799	46.013	ng	100
67) 4-Bromophenyl-phenylether	16.348	248	526507	48.838	ng	96
68) Hexachlorobenzene	16.472	284	583506	48.535	ng	94
69) Atrazine	16.631	200	579205	50.457	ng	97
70) Pentachlorophenol	16.831	266	732463	92.311	ng	99
71) Phenanthrene	17.225	178	2565970	46.095	ng	100
72) Anthracene	17.313	178	2601847	46.066	ng	100
73) Carbazole	17.595	167	2446842	46.598	ng	99
74) Di-n-butylphthalate	18.183	149	3090974	47.967	ng	100
75) Fluoranthene	19.307	202	3226908	48.335	ng	99
77) Benzidine	19.507	184	1606932	57.393	ng	100
78) Pyrene	19.683	202	3376227	52.057	ng	100
80) Butylbenzylphthalate	20.630	149	1457356	51.248	ng	97
81) Benzo(a)anthracene	21.601	228	3179373	47.778	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	806783	35.064	ng	100
83) Chrysene	21.671	228	3027196	47.722	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	2097741	50.421	ng	100
85) Di-n-octyl phthalate	22.807	149	3628821	49.034	ng	100
87) Indeno(1,2,3-cd)pyrene	28.818	276	3757549	47.447	ng	# 85
88) Benzo(b)fluoranthene	23.930	252	3204787	48.124	ng	98
89) Benzo(k)fluoranthene	23.995	252	3196181	47.034	ng	99
90) Benzo(a)pyrene	24.818	252	3053629	46.823	ng	99
91) Dibenzo(a,h)anthracene	28.895	278	3043235	46.958	ng	99
92) Benzo(g,h,i)perylene	30.012	276	3057868m	47.979	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

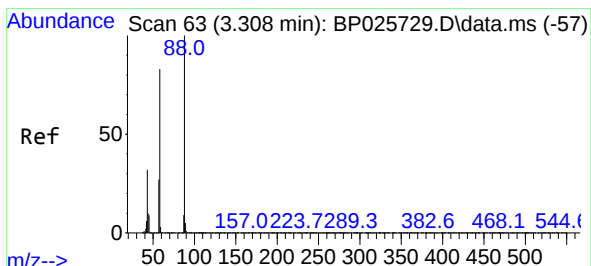
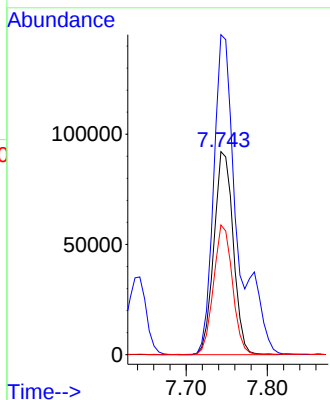
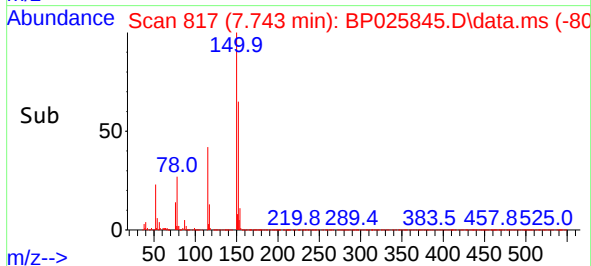
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



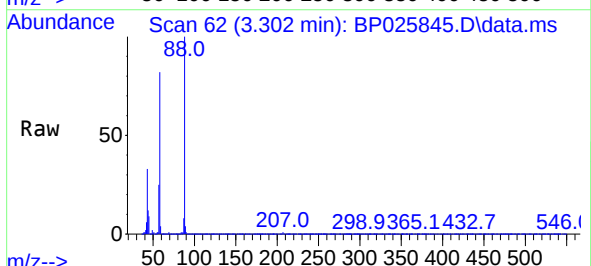
Tgt Ion:152 Resp: 15243
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 63.9 50.3 75.5

Manual Integrations
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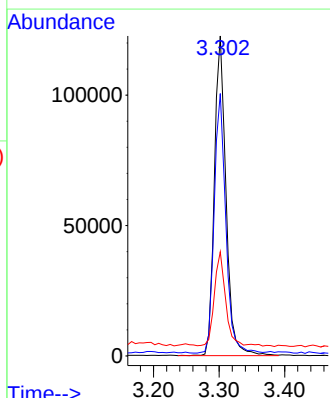
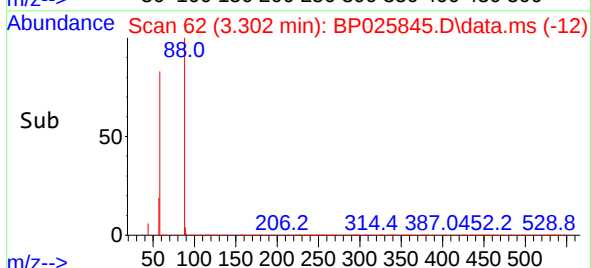
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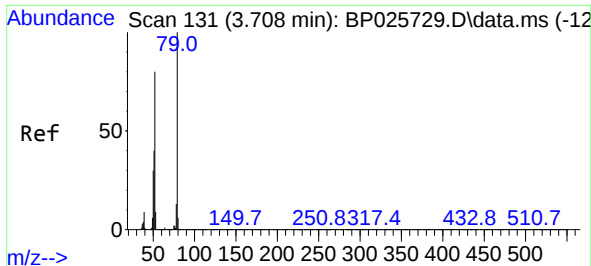


#2
1,4-Dioxane
Concen: 38.132 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



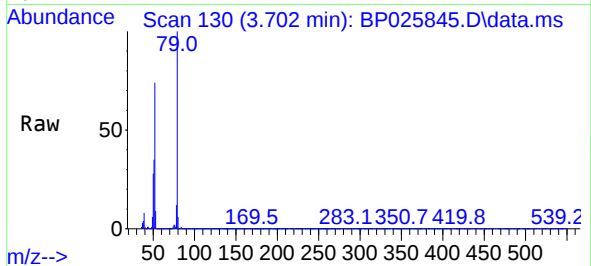
Tgt Ion: 88 Resp: 151194
Ion Ratio Lower Upper
88 100
58 80.8 65.5 98.3
43 28.0 25.2 37.8





#3
Pyridine
Concen: 38.566 ng
RT: 3.702 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

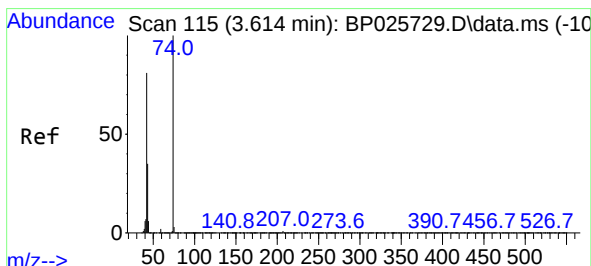
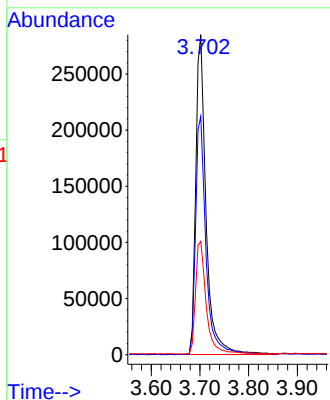
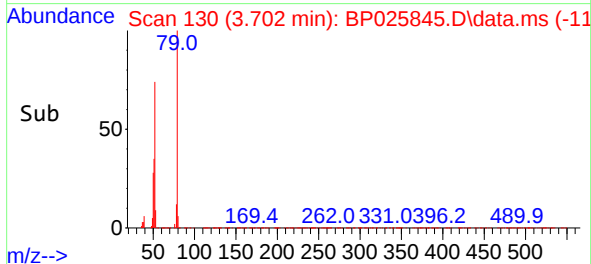
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



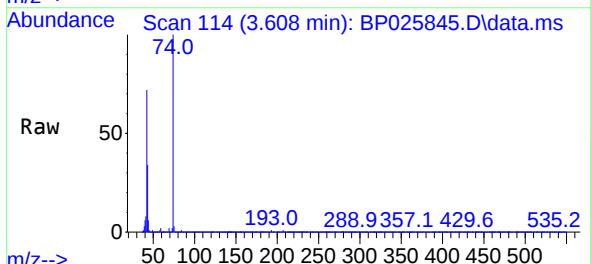
Tgt Ion: 79 Resp: 421050
Ion Ratio Lower Upper
79 100
52 74.4 63.7 95.5
51 35.5 32.4 48.6

Manual Integrations
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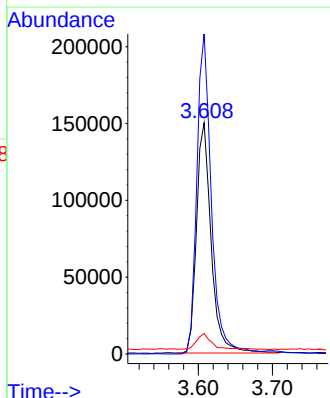
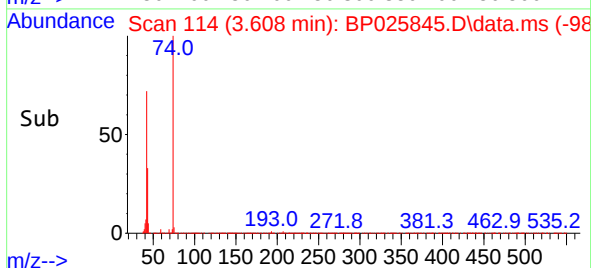
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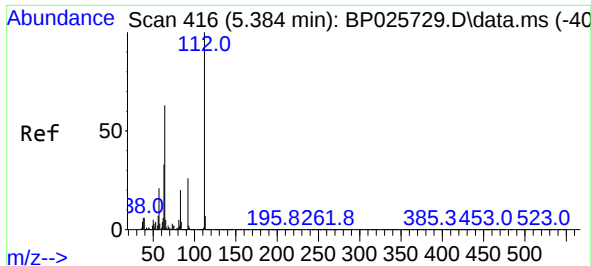


#4
n-Nitrosodimethylamine
Concen: 40.057 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



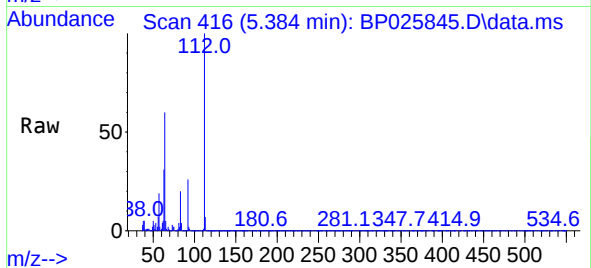
Tgt Ion: 42 Resp: 206365
Ion Ratio Lower Upper
42 100
74 138.4 99.2 148.8
44 8.8 6.4 9.6





#5
2-Fluorophenol
Concen: 83.546 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

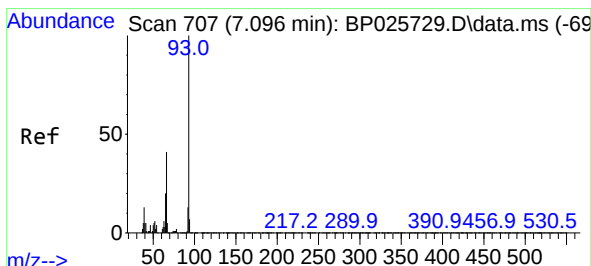
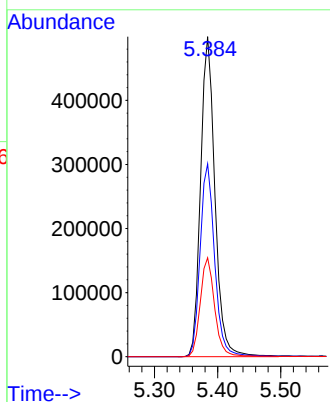
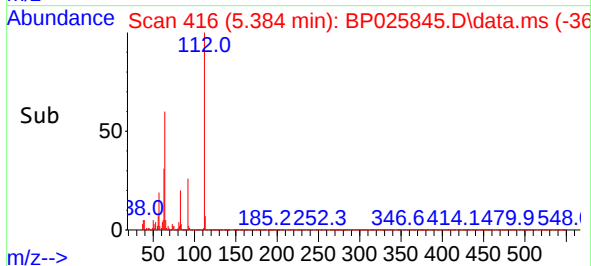
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ClientSampleId :
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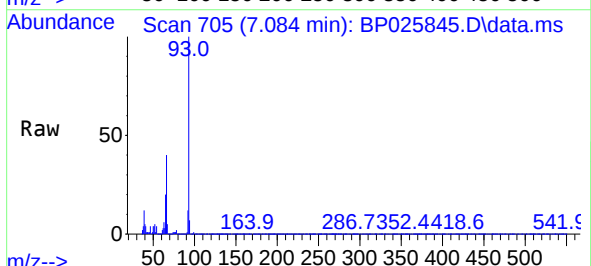
Tgt Ion: 112 Resp: 78926
Ion Ratio Lower Upper
112 100
64 60.3 50.2 75.4
63 30.9 26.7 40.1

Manual Integrations
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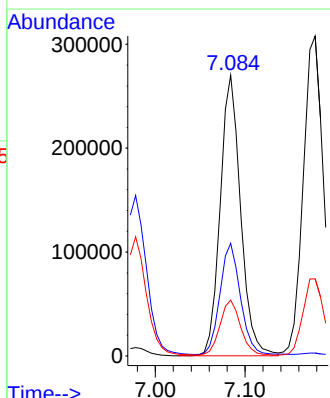
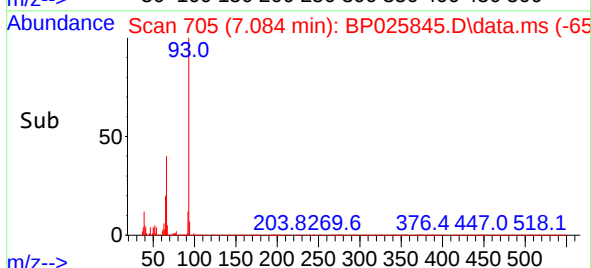
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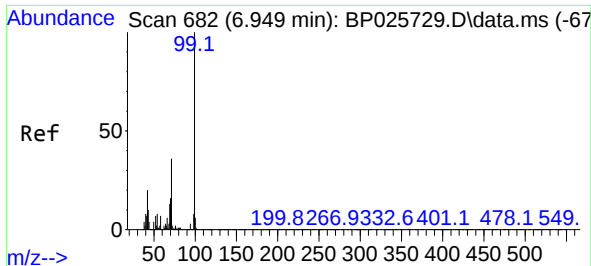


#6
Aniline
Concen: 24.748 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



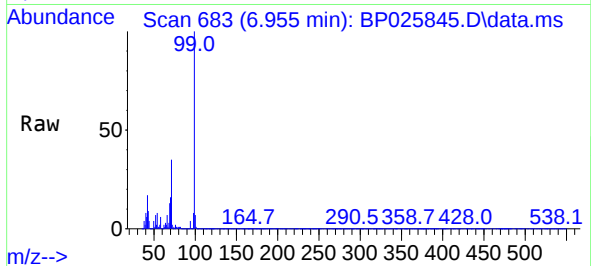
Tgt Ion: 93 Resp: 426583
Ion Ratio Lower Upper
93 100
66 40.1 32.6 49.0
65 19.9 16.2 24.2





#7
Phenol-d6
Concen: 85.368 ng
RT: 6.955 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

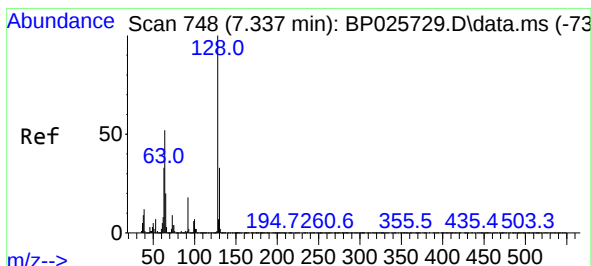
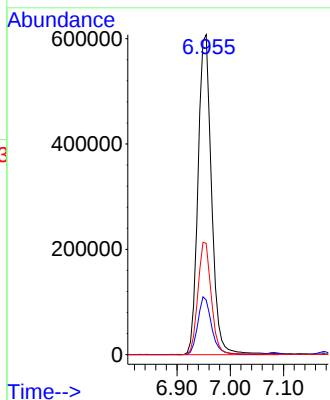
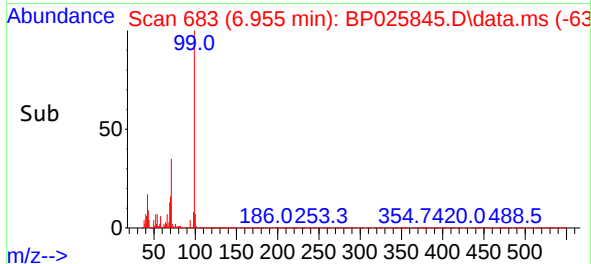
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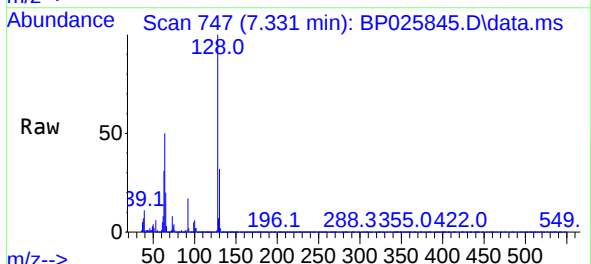
Tgt Ion: 99 Resp: 107195
Ion Ratio Lower Upper
99 100
42 17.1 15.6 23.4
71 34.8 28.6 43.0

Manual Integrations
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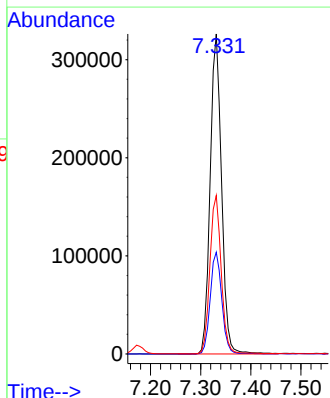
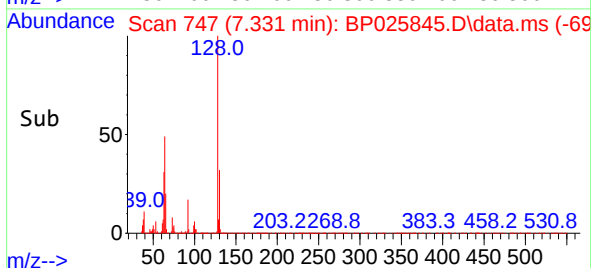
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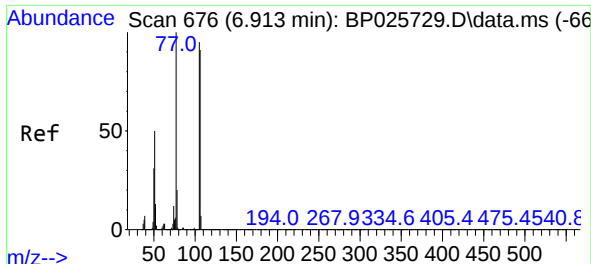


#8
2-Chlorophenol
Concen: 49.550 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:128 Resp: 513522
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 49.5 31.6 71.6





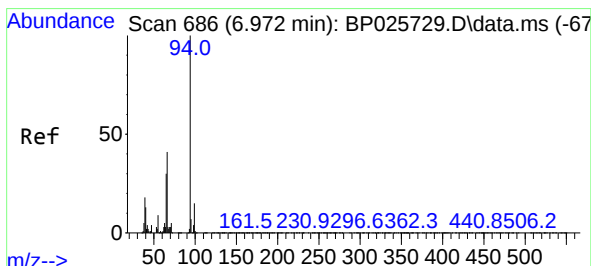
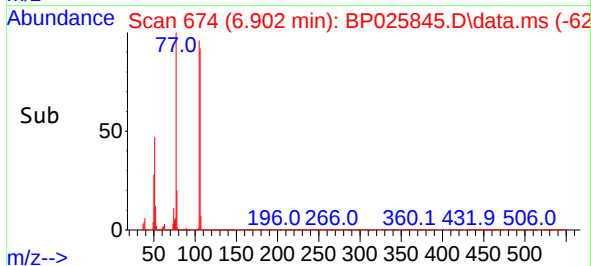
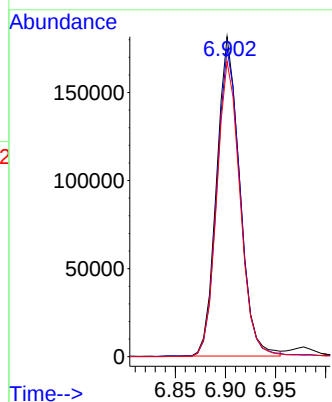
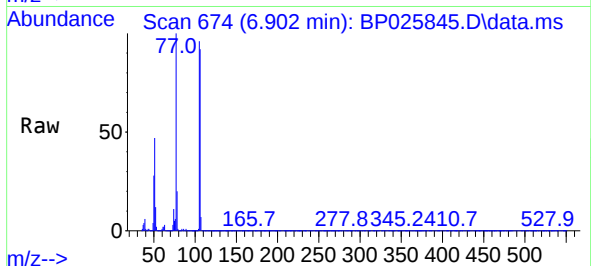
#9
Benzaldehyde
Concen: 38.632 ng
RT: 6.902 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion: 77 Resp: 290760
Ion Ratio Lower Upper
77 100
105 96.3 75.2 115.2
106 92.3 71.3 111.3

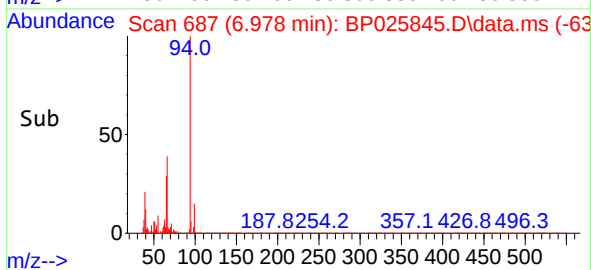
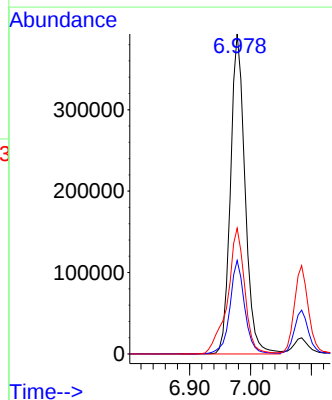
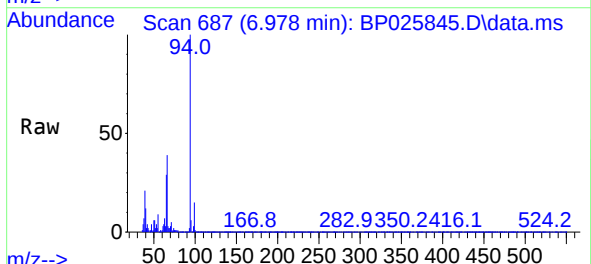
Manual Integrations
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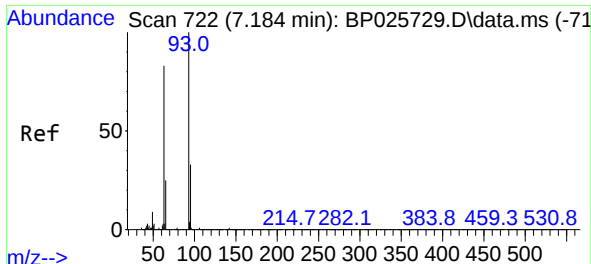
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#10
Phenol
Concen: 49.401 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

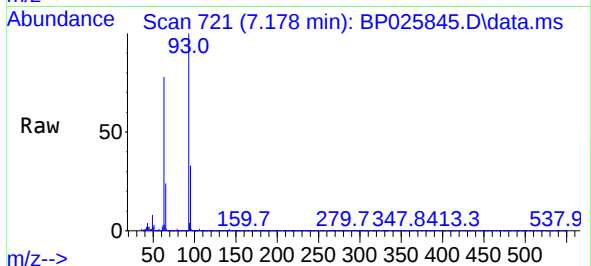
Tgt Ion: 94 Resp: 654088
Ion Ratio Lower Upper
94 100
65 29.2 10.2 50.2
66 39.3 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 44.899 ng
RT: 7.178 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

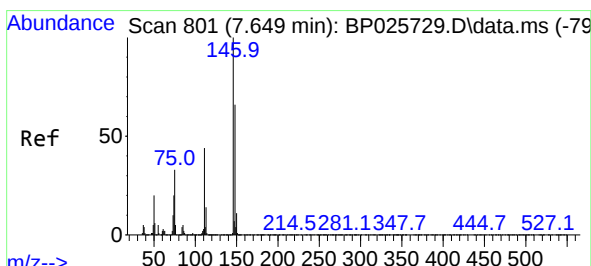
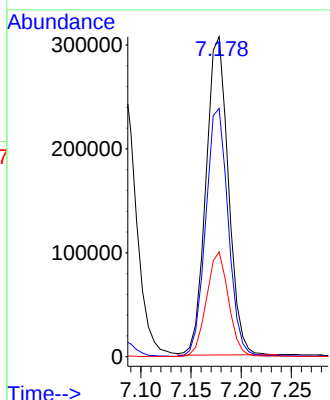
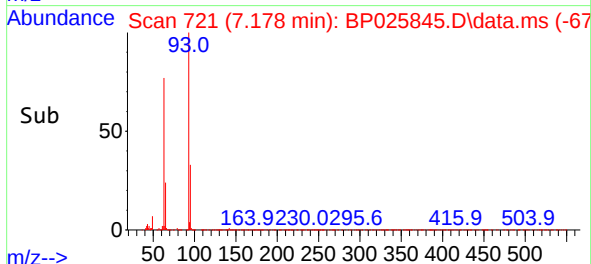
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



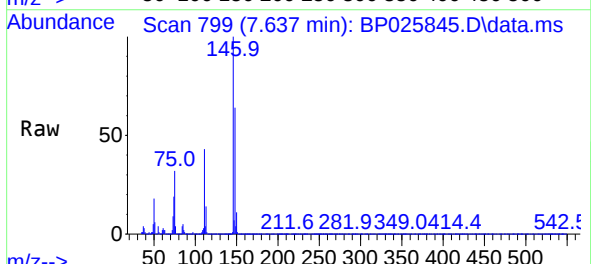
Tgt Ion: 93 Resp: 47762
Ion Ratio Lower Upper
93 100
63 77.6 62.6 102.6
95 32.8 13.2 53.2

Manual Integrations
APPROVED

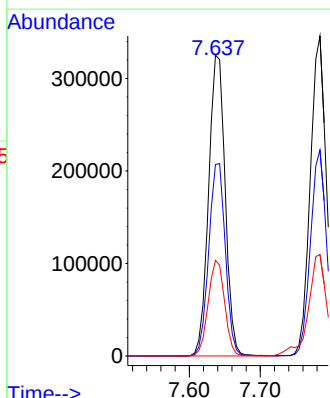
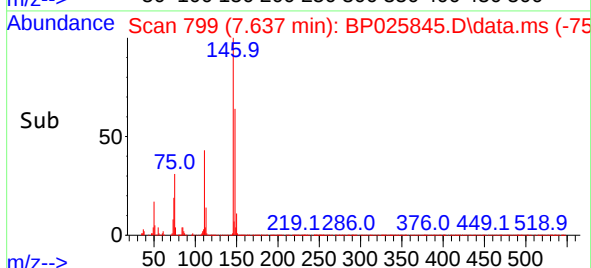
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

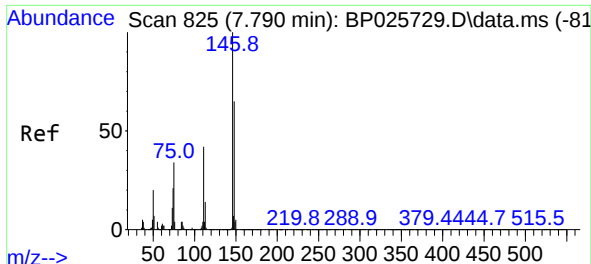


#12
1,3-Dichlorobenzene
Concen: 44.831 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:146 Resp: 528794
Ion Ratio Lower Upper
146 100
148 63.7 52.7 79.1
75 31.8 26.4 39.6





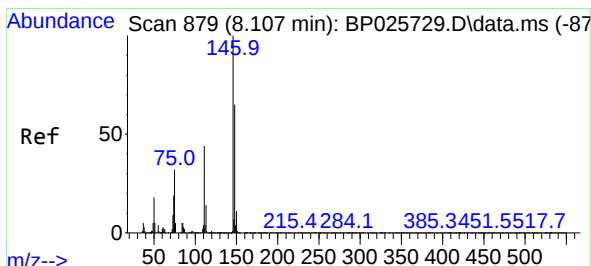
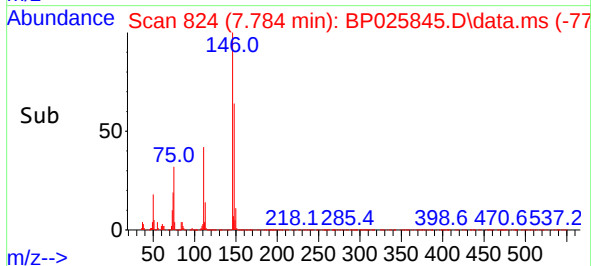
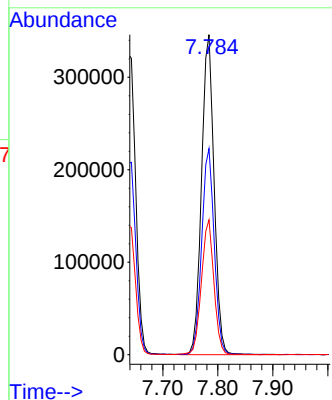
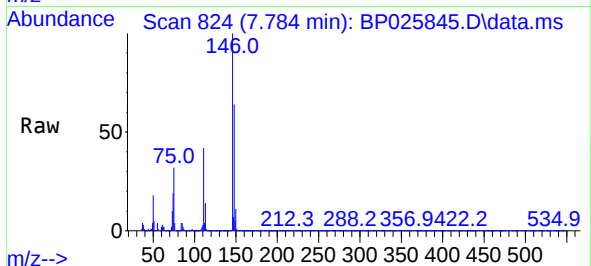
#13
1,4-Dichlorobenzene
Concen: 45.751 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:146 Resp: 54970
Ion Ratio Lower Upper
146 100
148 64.4 52.0 78.0
111 42.2 33.9 50.9

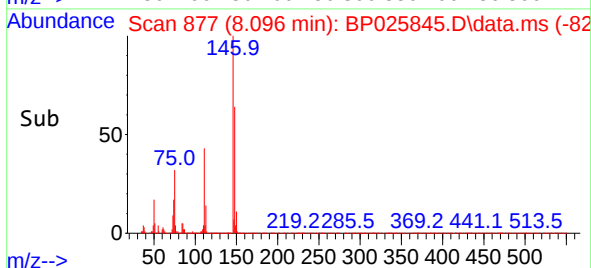
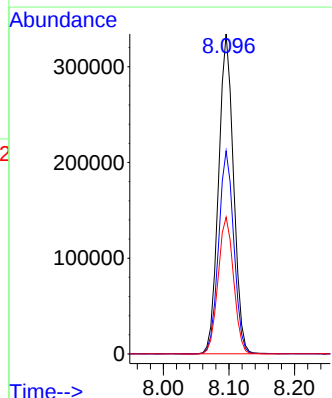
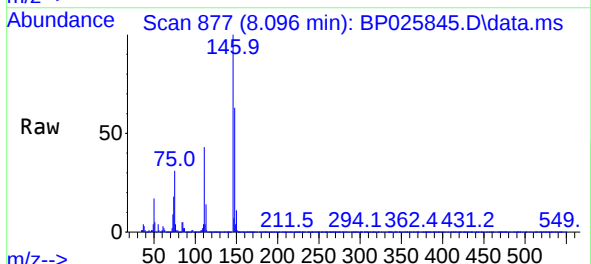
Manual Integrations
APPROVED

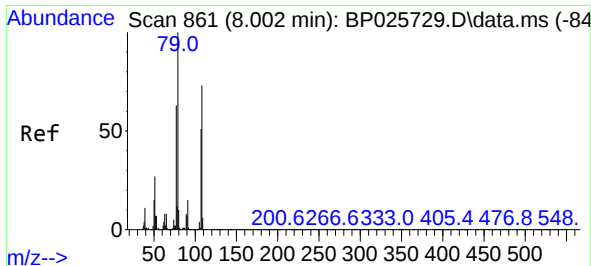
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#14
1,2-Dichlorobenzene
Concen: 45.225 ng
RT: 8.096 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

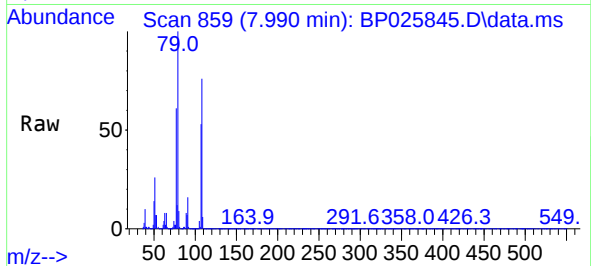
Tgt Ion:146 Resp: 527885
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
111 42.8 35.5 53.3





#15
Benzyl Alcohol
Concen: 46.391 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

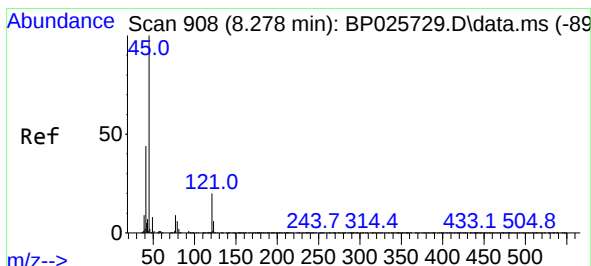
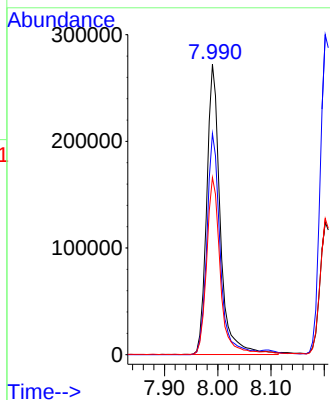
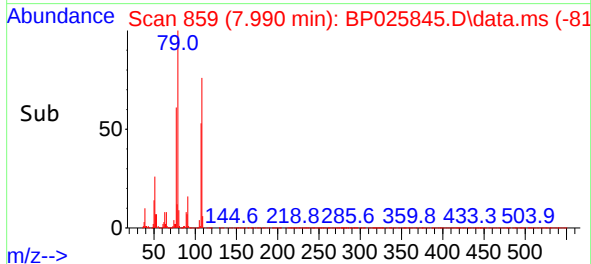
Instrument :
BNA_P
Client Sample Id :
VNJ-245MSD



Tgt Ion: 79 Resp: 48135
Ion Ratio Lower Upper
79 100
108 76.1 58.7 88.1
77 61.0 50.2 75.2

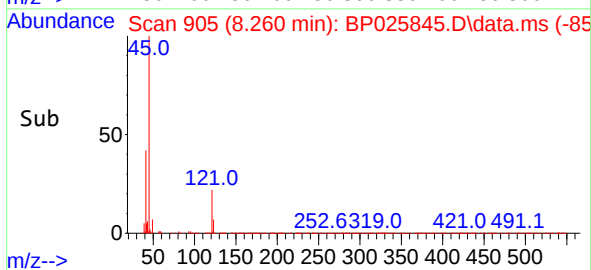
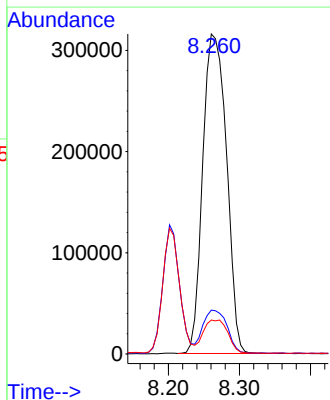
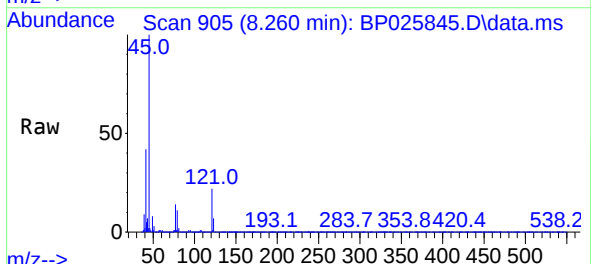
Manual Integrations
APPROVED

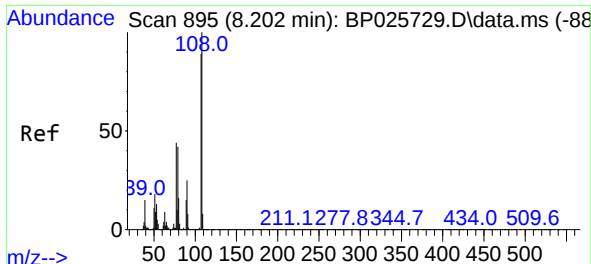
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.207 ng
RT: 8.260 min Scan# 905
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Tgt Ion: 45 Resp: 734247
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.1
79 10.6 0.0 30.0





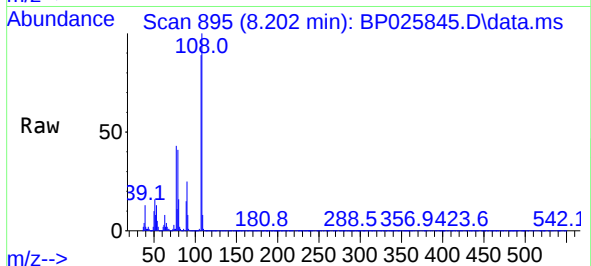
#17
2-Methylphenol
Concen: 49.286 ng
RT: 8.202 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

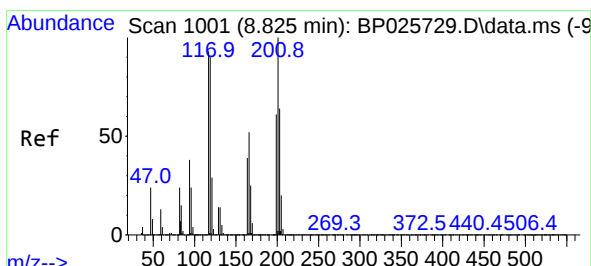
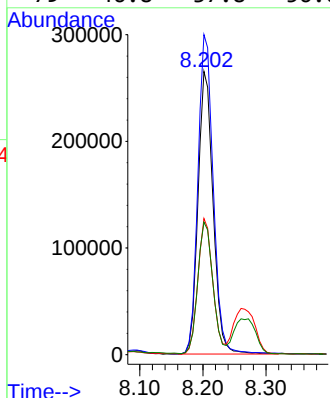
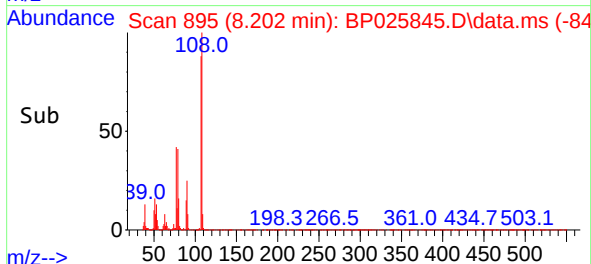


Tgt Ion:107 Resp: 439962
Ion Ratio Lower Upper
107 100
108 113.0 89.6 134.4
77 48.1 39.3 58.9
79 46.8 37.8 56.6

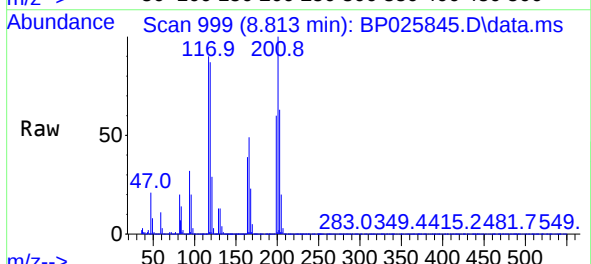
Manual Integrations

APPROVED

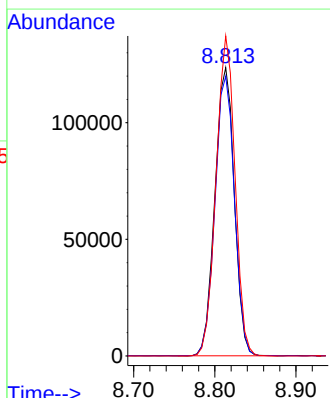
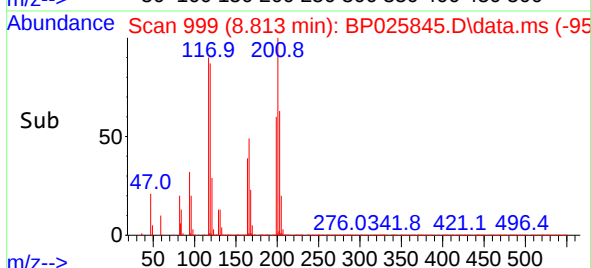
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

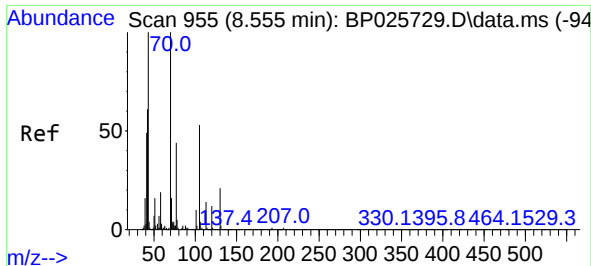


#18
Hexachloroethane
Concen: 44.824 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



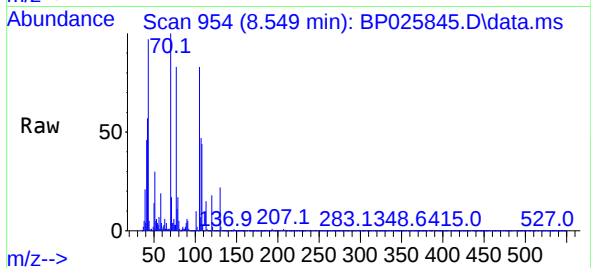
Tgt Ion:117 Resp: 205716
Ion Ratio Lower Upper
117 100
119 97.0 77.1 115.7
201 111.0 85.6 128.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.259 ng
RT: 8.549 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

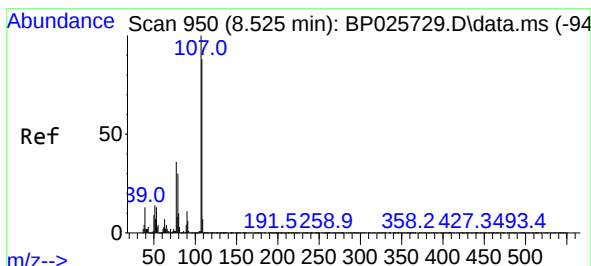
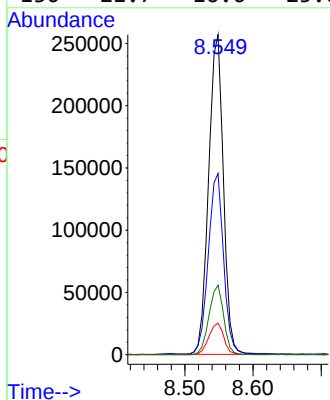
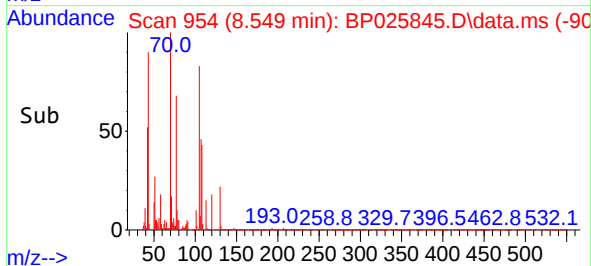
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



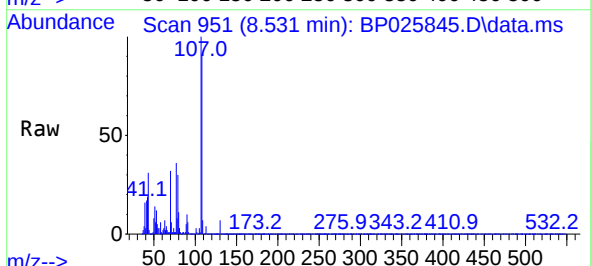
Tgt Ion: 70 Resp: 387620
Ion Ratio Lower Upper
70 100
42 56.6 49.0 73.4
101 9.9 7.9 11.9
130 21.7 16.6 25.0

Manual Integrations
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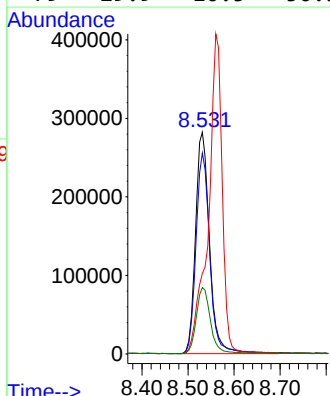
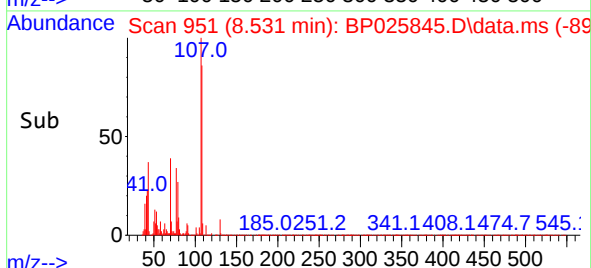
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

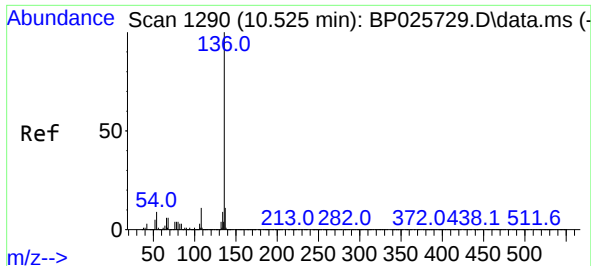


#20
3+4-Methylphenols
Concen: 47.668 ng
RT: 8.531 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:107 Resp: 595930
Ion Ratio Lower Upper
107 100
108 90.6 67.8 107.8
77 36.3 16.1 56.1
79 29.9 10.5 50.5





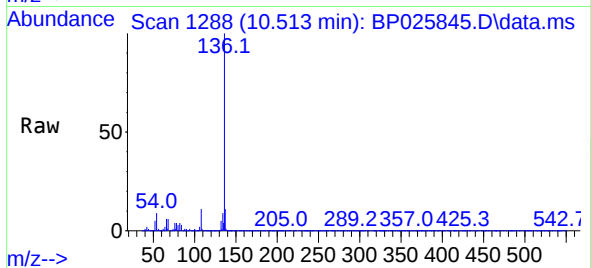
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD



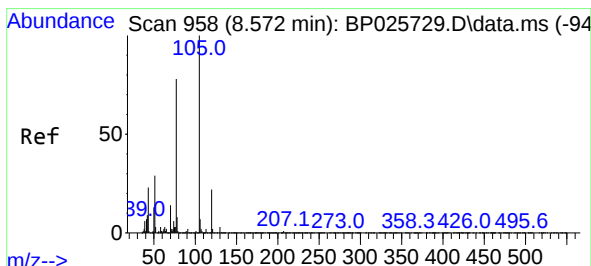
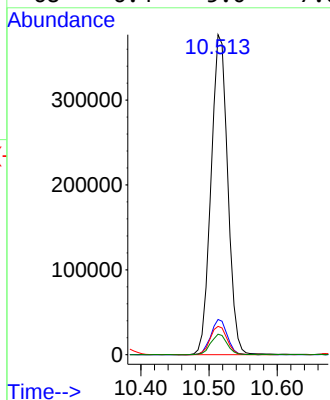
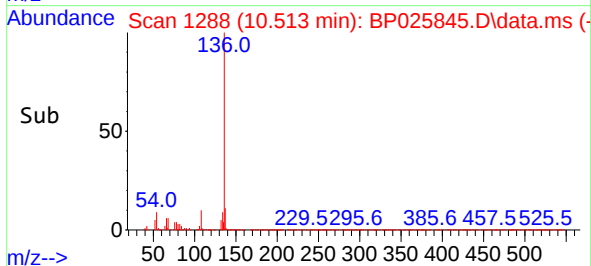
Tgt Ion:136 Resp: 642510
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.9 7.5 11.3
68 6.4 5.0 7.6

Manual Integrations

APPROVED

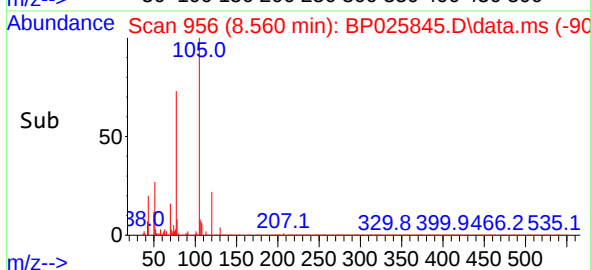
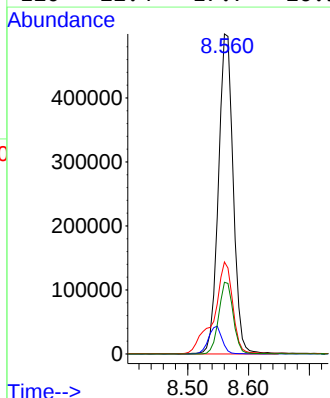
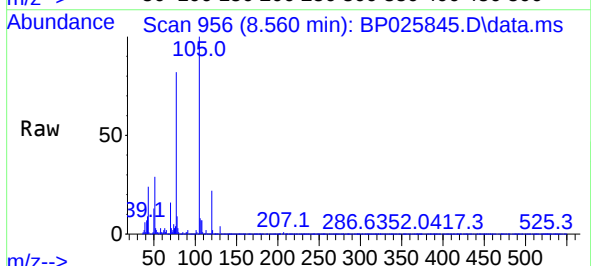
Reviewed By :Rahul Chavli 09/25/2025

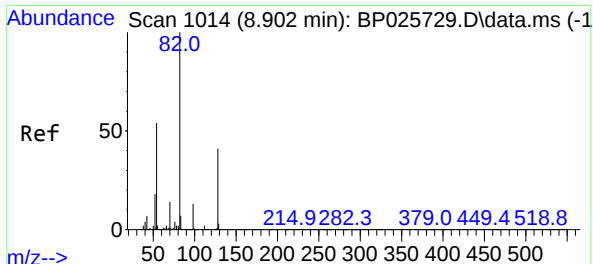
Supervised By :Jagrut Upadhyay 09/25/2025



#22
Acetophenone
Concen: 49.093 ng
RT: 8.560 min Scan# 956
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

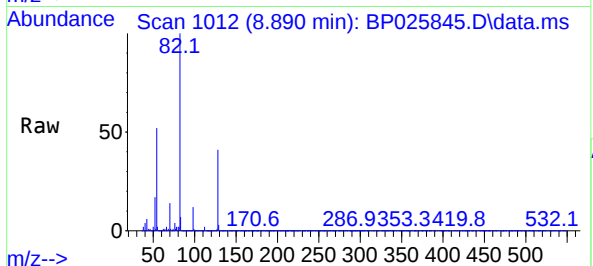
Tgt Ion:105 Resp: 842940
Ion Ratio Lower Upper
105 100
71 2.8 1.8 2.8#
51 28.7 23.5 35.3
120 22.4 17.7 26.5





#23
Nitrobenzene-d5
Concen: 43.861 ng
RT: 8.890 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

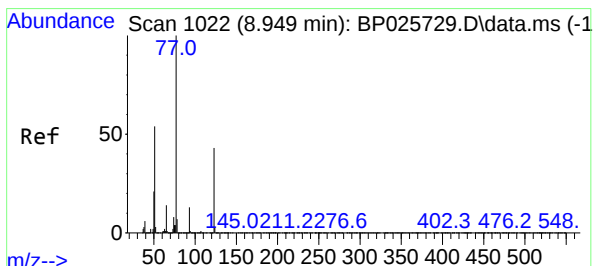
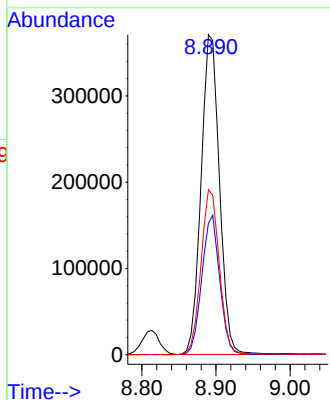
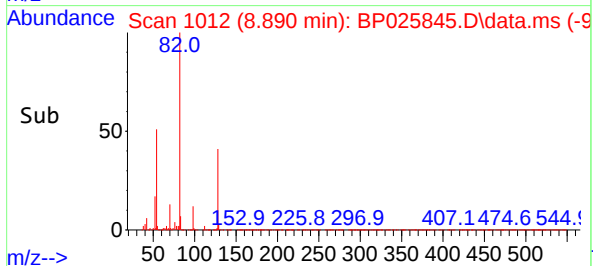
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



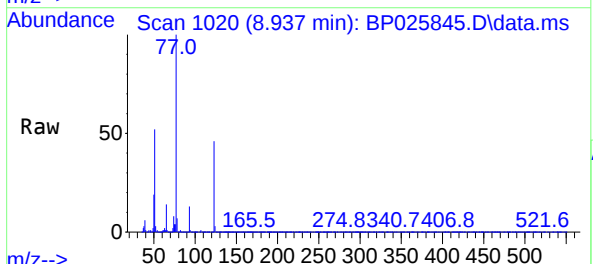
Tgt Ion: 82 Resp: 638880
Ion Ratio Lower Upper
82 100
128 41.1 32.9 49.3
54 51.5 43.4 65.2

Manual Integrations
APPROVED

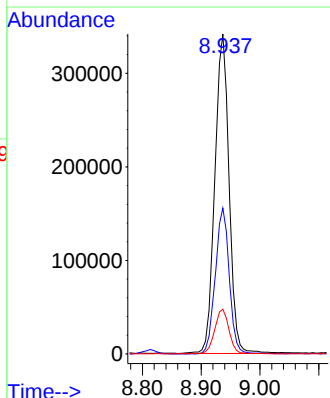
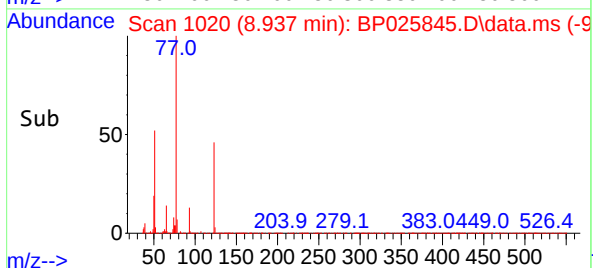
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

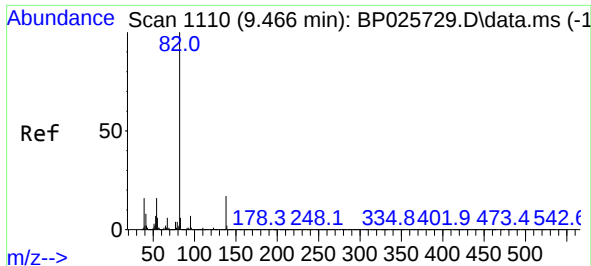


#24
Nitrobenzene
Concen: 44.056 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



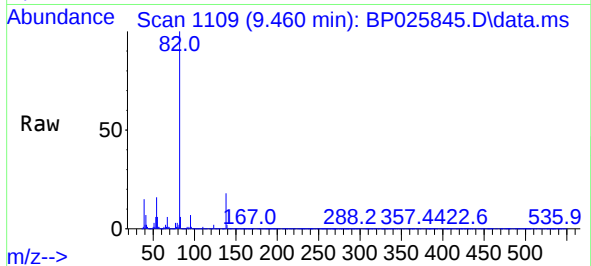
Tgt Ion: 77 Resp: 575680
Ion Ratio Lower Upper
77 100
123 45.6 34.4 51.6
65 14.0 10.8 16.2





#25
Isophorone
Concen: 43.787 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

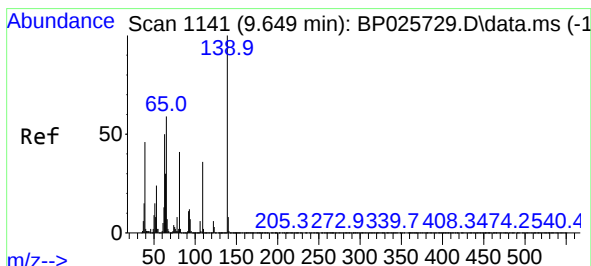
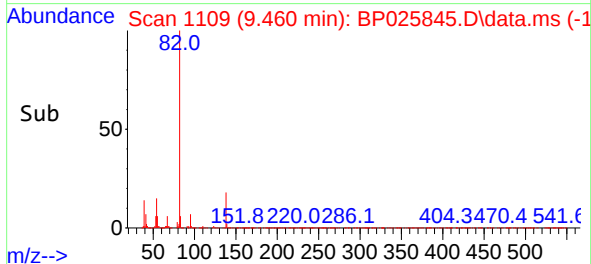
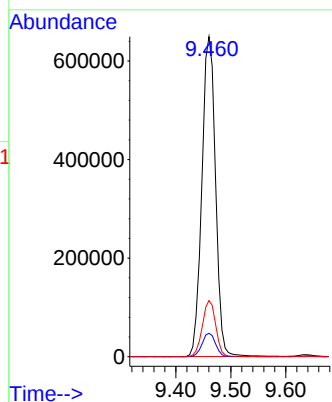
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion: 82 Resp: 1121036
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.6 13.5 20.3

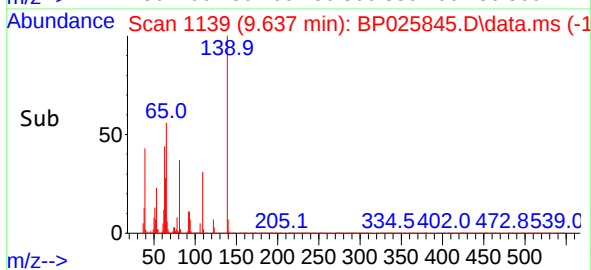
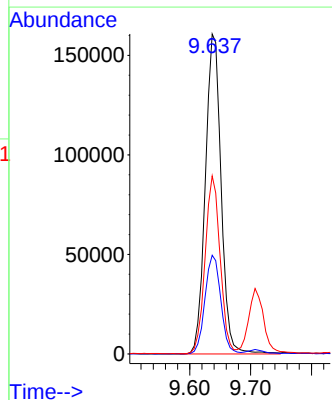
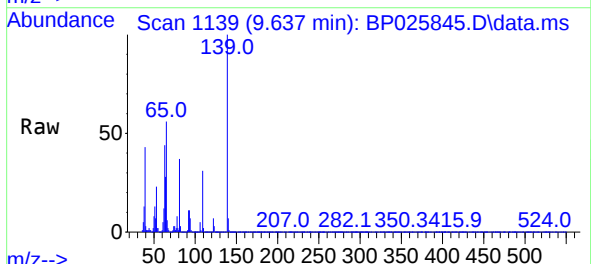
Manual Integrations
APPROVED

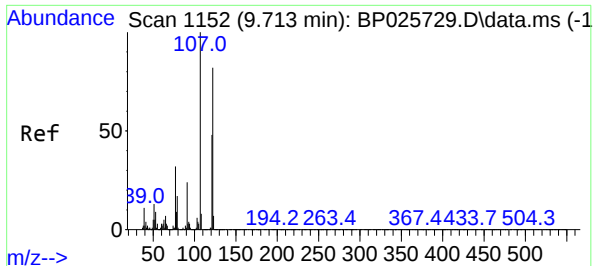
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#26
2-Nitrophenol
Concen: 49.918 ng
RT: 9.637 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Tgt Ion:139 Resp: 289604
Ion Ratio Lower Upper
139 100
109 30.9 29.0 43.4
65 55.7 46.9 70.3





#27
2,4-Dimethylphenol
Concen: 48.762 ng
RT: 9.707 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

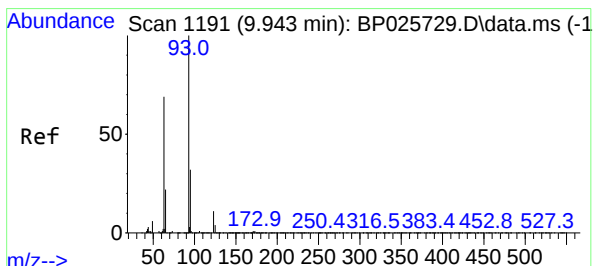
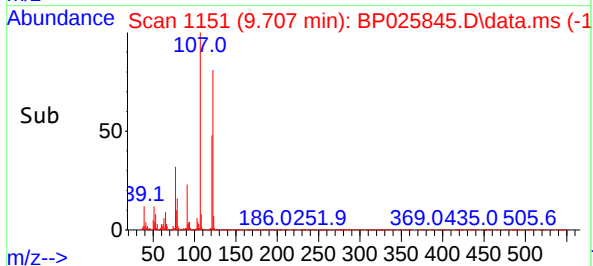
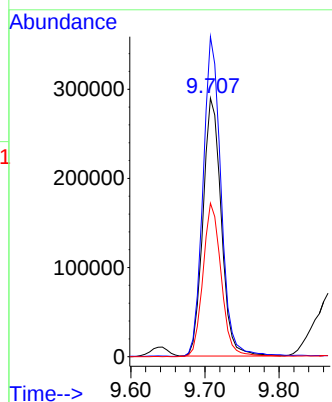
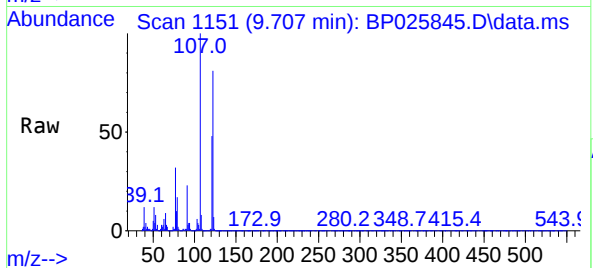
VNJ-245MSD

Tgt Ion:122 Resp: 496294
Ion Ratio Lower Upper
122 100
107 123.7 97.9 146.9
121 59.3 47.4 71.0

Manual Integrations

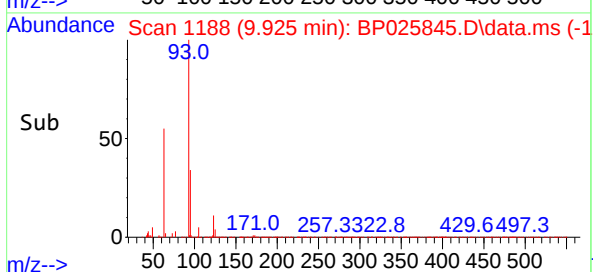
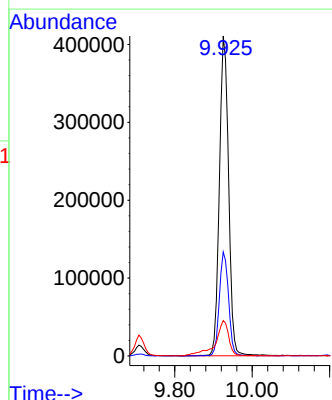
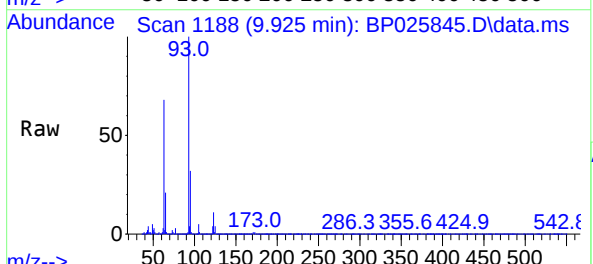
APPROVED

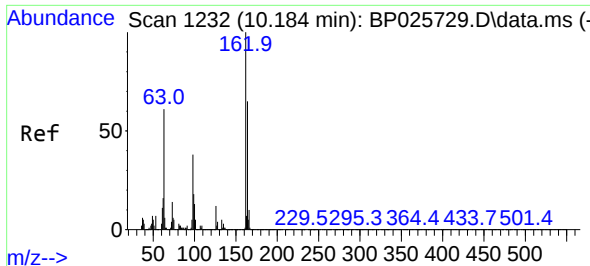
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.833 ng
RT: 9.925 min Scan# 1188
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

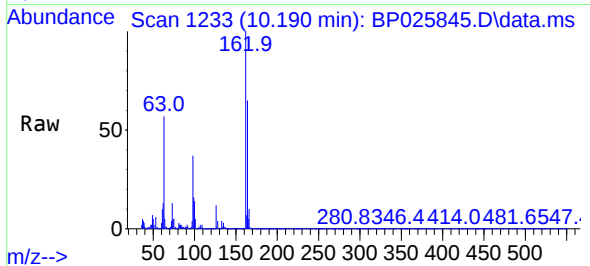
Tgt Ion: 93 Resp: 678294
Ion Ratio Lower Upper
93 100
95 32.5 25.6 38.4
123 11.1 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 50.437 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

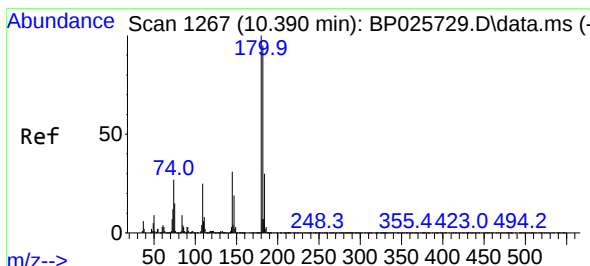
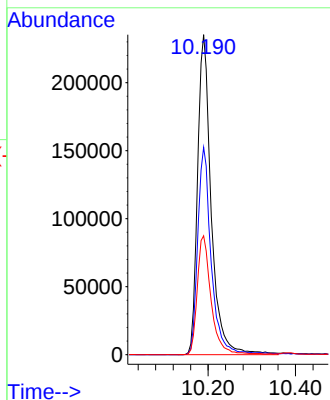
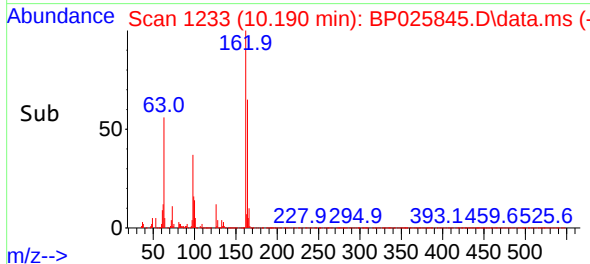
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



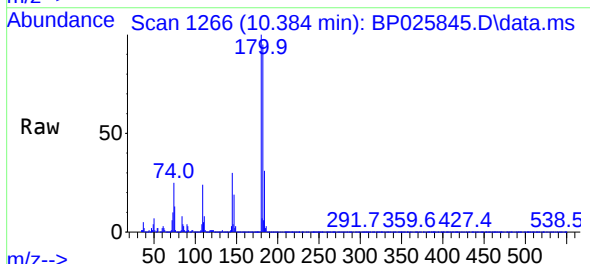
Tgt Ion:162 Resp: 511824
Ion Ratio Lower Upper
162 100
164 64.8 44.7 84.7
98 37.2 18.1 58.1

Manual Integrations
APPROVED

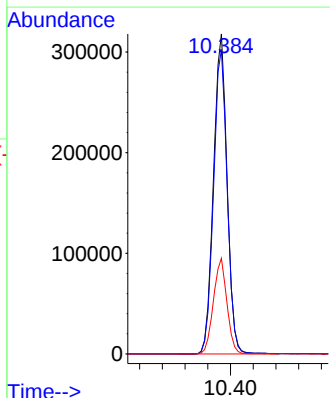
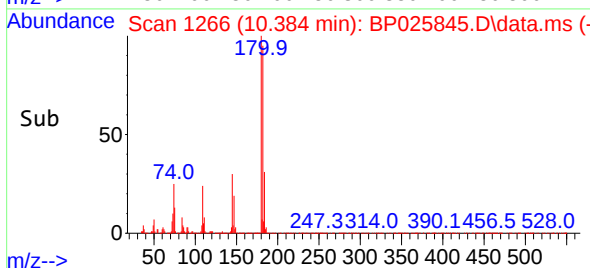
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

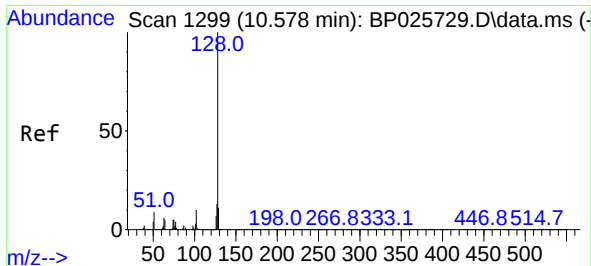


#30
1,2,4-Trichlorobenzene
Concen: 45.962 ng
RT: 10.384 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



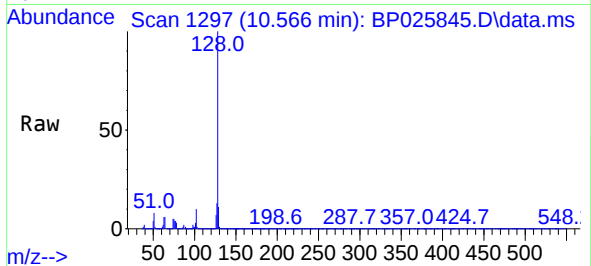
Tgt Ion:180 Resp: 525655
Ion Ratio Lower Upper
180 100
182 95.1 76.0 114.0
145 29.9 24.7 37.1





#31
Naphthalene
Concen: 44.983 ng
RT: 10.566 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

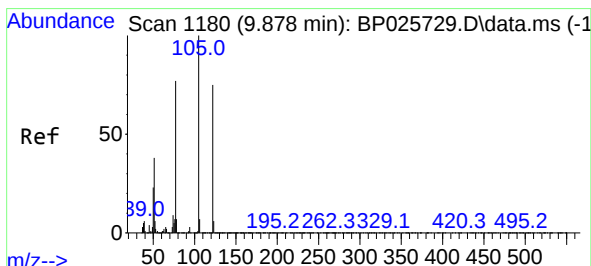
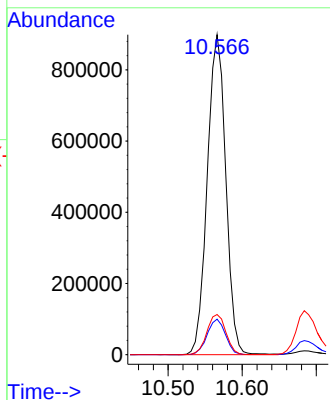
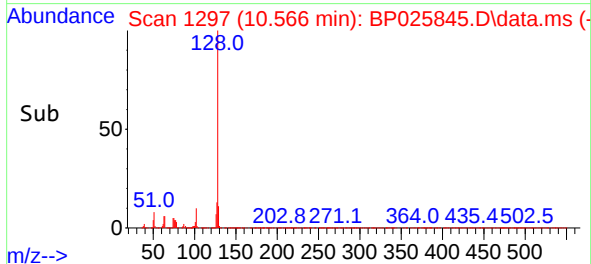
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



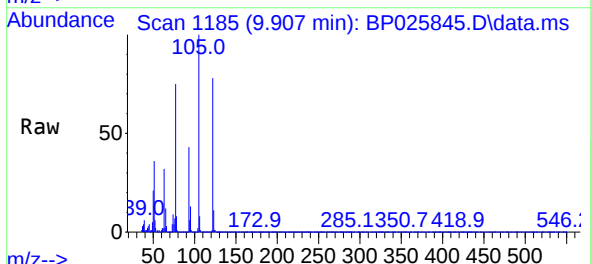
Tgt Ion:128 Resp: 155844
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.5 10.2 15.4

Manual Integrations
APPROVED

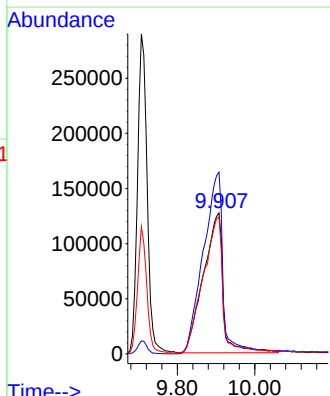
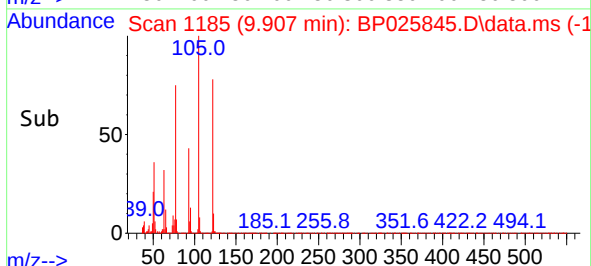
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

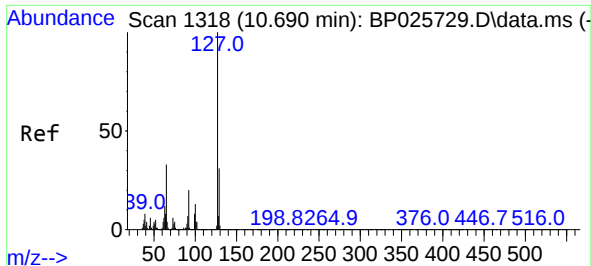


#32
Benzoic acid
Concen: 59.362 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.029 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



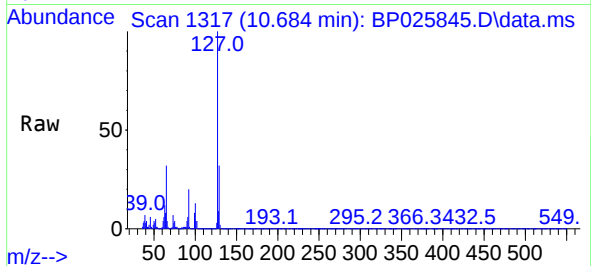
Tgt Ion:122 Resp: 449198
Ion Ratio Lower Upper
122 100
105 129.0 111.5 151.5
77 97.4 81.8 121.8





#33
4-Chloroaniline
Concen: 17.754 ng
RT: 10.684 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

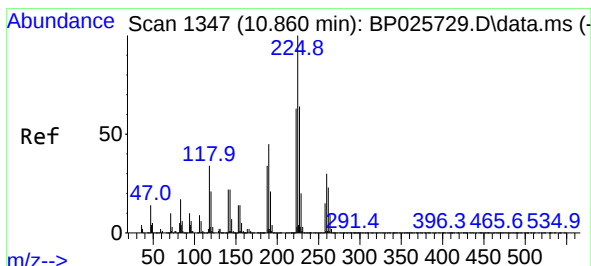
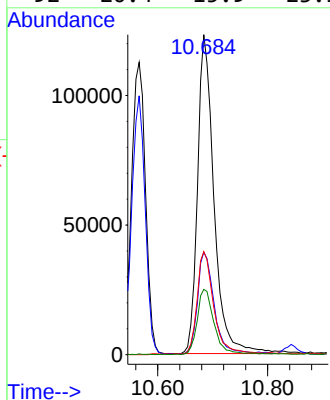
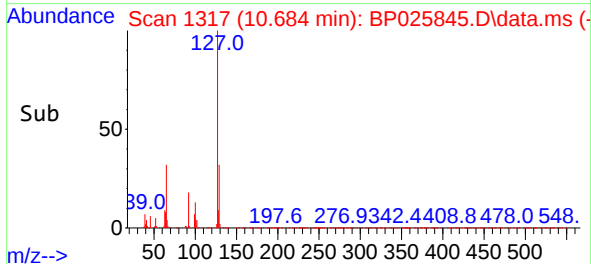
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



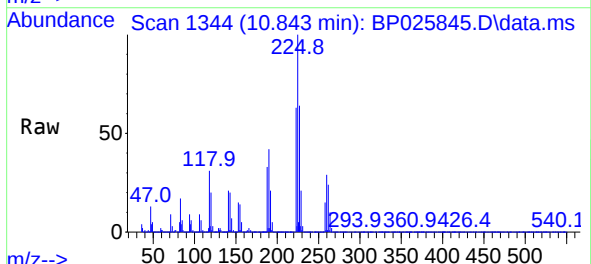
Tgt Ion:127 Resp: 25637
Ion Ratio Lower Upper
127 100
129 32.0 25.1 37.7
65 32.2 26.4 39.6
92 20.4 15.9 23.9

Manual Integrations
APPROVED

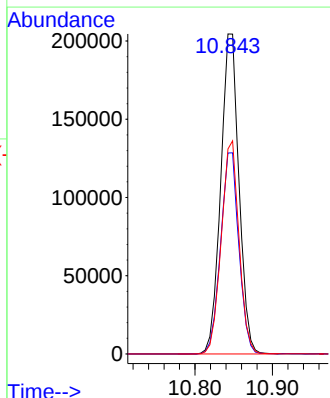
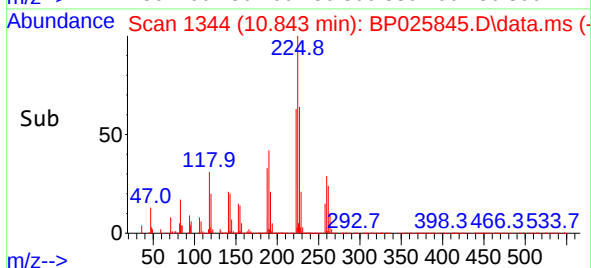
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

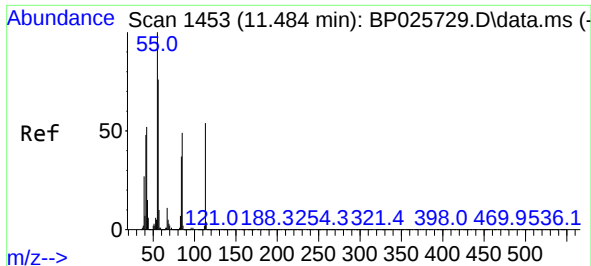


#34
Hexachlorobutadiene
Concen: 45.447 ng
RT: 10.843 min Scan# 1344
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



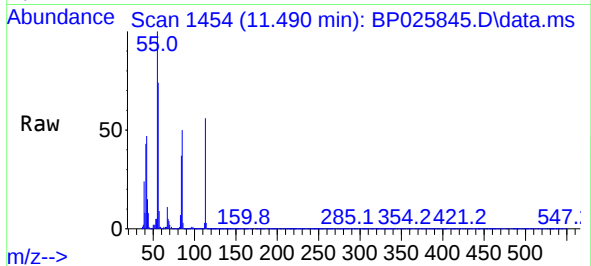
Tgt Ion:225 Resp: 334592
Ion Ratio Lower Upper
225 100
223 62.8 50.1 75.1
227 64.0 51.2 76.8





#35
Caprolactam
Concen: 48.381 ng
RT: 11.490 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

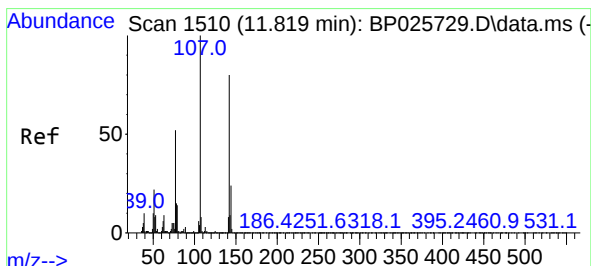
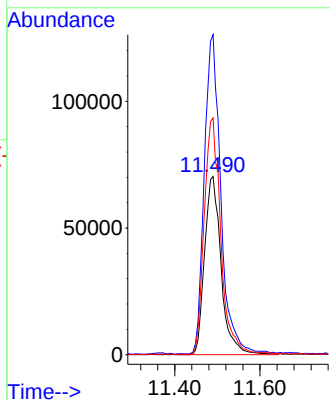
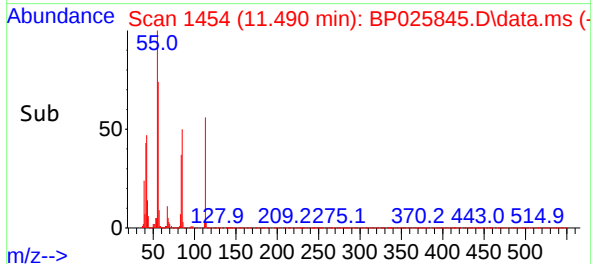
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



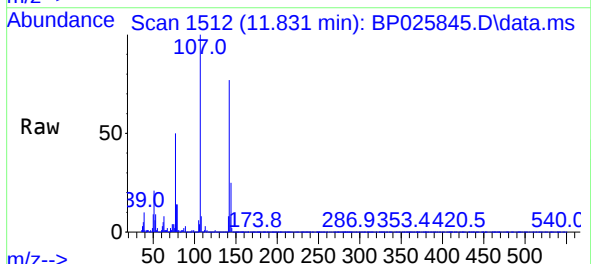
Tgt Ion:113 Resp: 189259
Ion Ratio Lower Upper
113 100
55 179.6 165.5 205.5
56 132.9 121.1 161.1

Manual Integrations
APPROVED

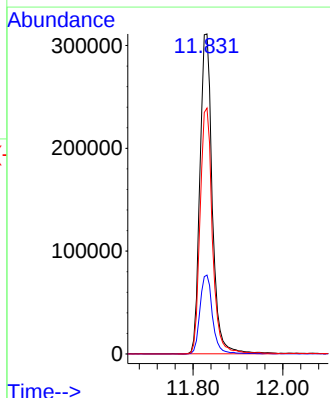
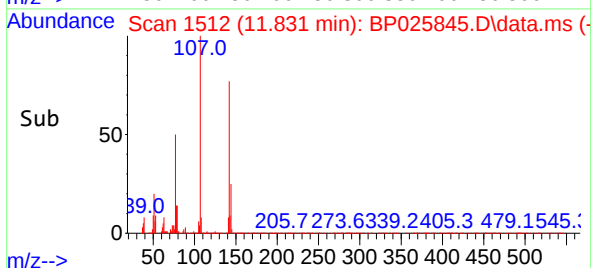
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

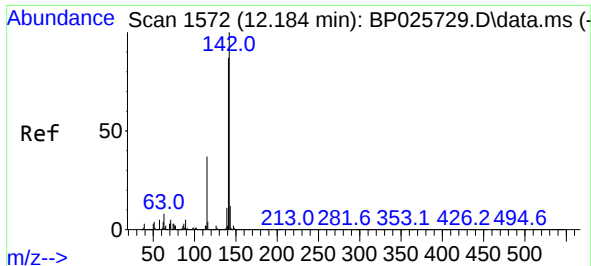


#36
4-Chloro-3-methylphenol
Concen: 49.198 ng
RT: 11.831 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:107 Resp: 595223
Ion Ratio Lower Upper
107 100
144 24.7 19.4 29.2
142 76.8 63.8 95.6





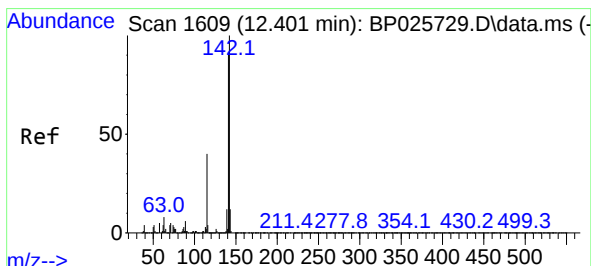
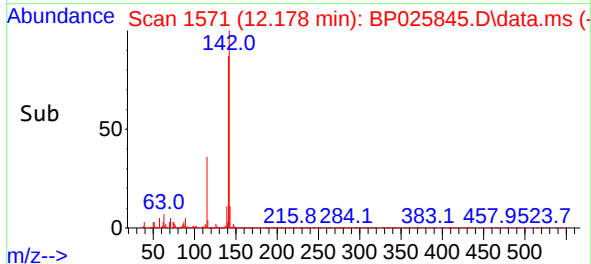
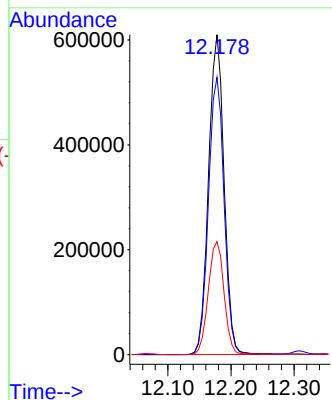
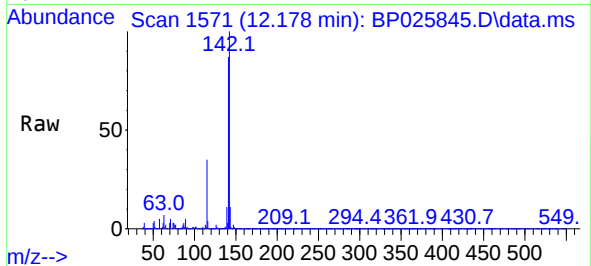
#37
2-Methylnaphthalene
Concen: 46.813 ng
RT: 12.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:142 Resp: 1041680
Ion Ratio Lower Upper
142 100
141 86.6 69.6 104.4
115 35.3 30.0 45.0

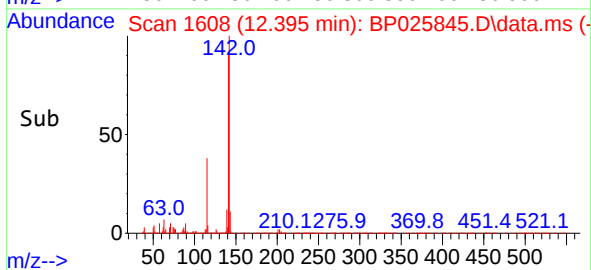
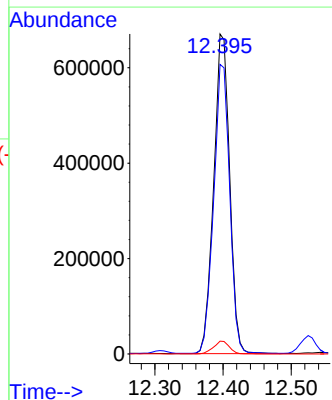
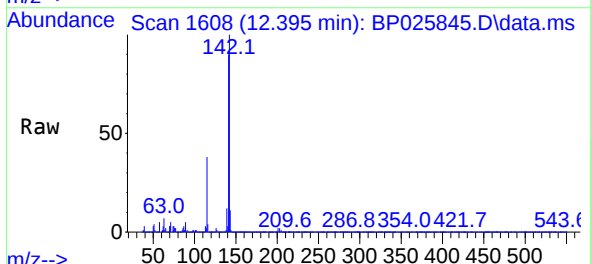
Manual Integrations
APPROVED

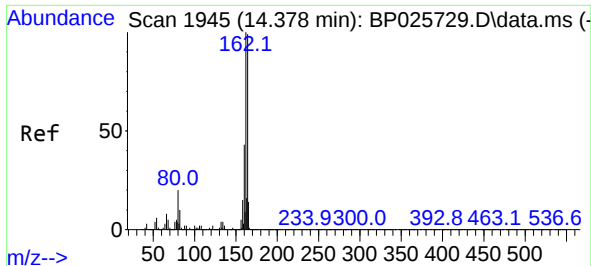
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#38
1-Methylnaphthalene
Concen: 45.968 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

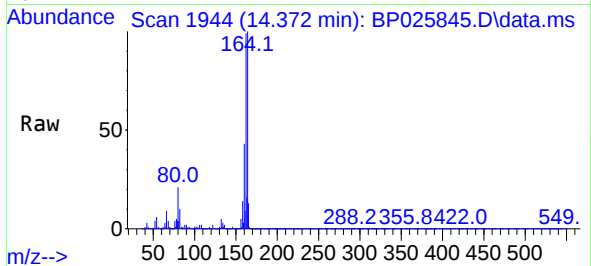
Tgt Ion:142 Resp: 1090767
Ion Ratio Lower Upper
142 100
141 90.5 72.7 109.1
116 4.0 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

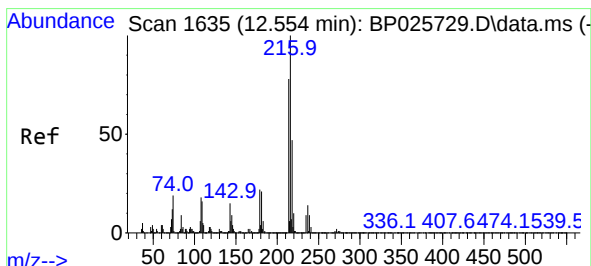
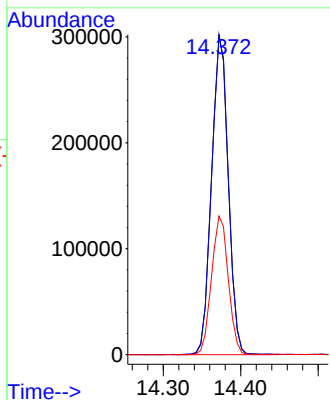
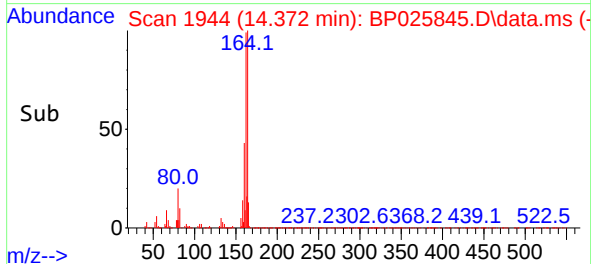
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



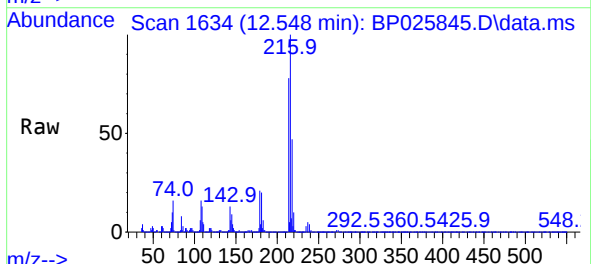
Tgt Ion:164 Resp: 449880
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 43.3 35.0 52.6

Manual Integrations
APPROVED

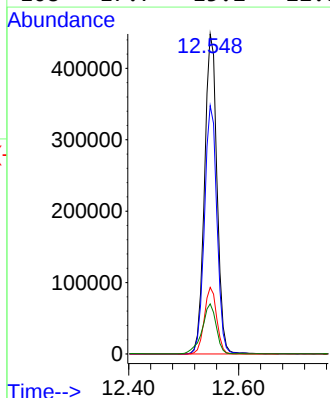
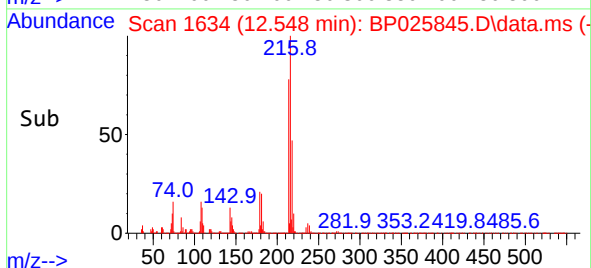
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

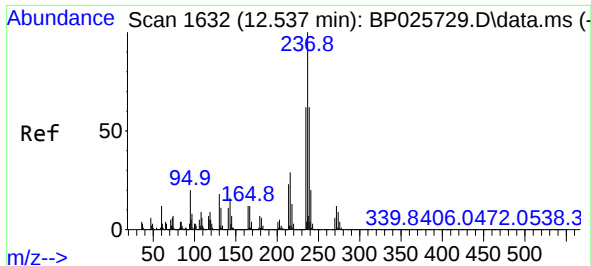


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.509 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



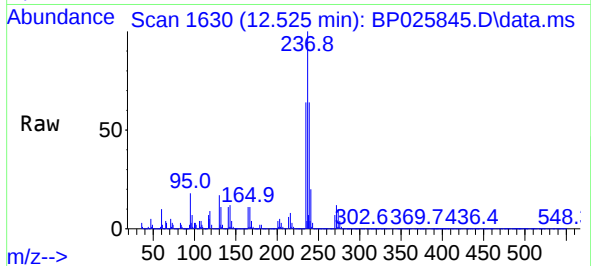
Tgt Ion:216 Resp: 702193
Ion Ratio Lower Upper
216 100
214 78.2 62.4 93.6
179 20.8 17.0 25.6
108 17.7 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 70.384 ng
RT: 12.525 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

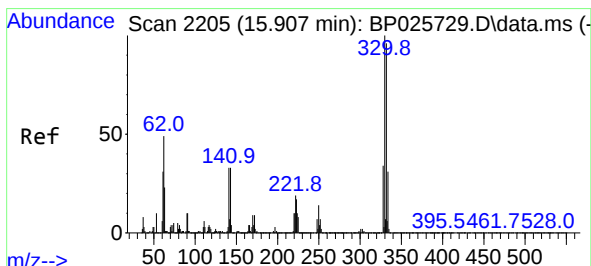
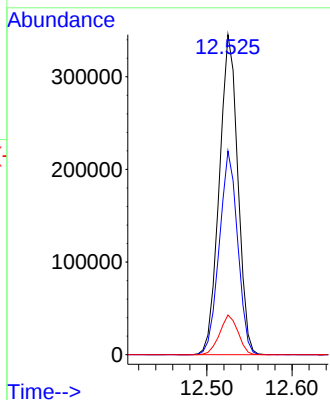
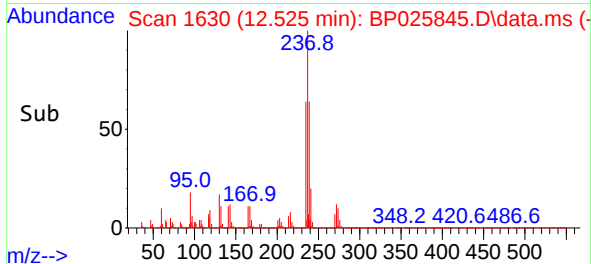
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



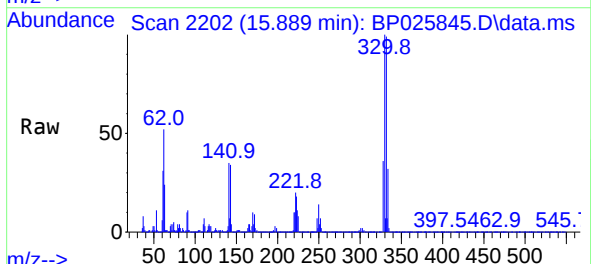
Tgt Ion:237 Resp: 522588
Ion Ratio Lower Upper
237 100
235 63.6 41.9 81.9
272 12.4 0.0 31.8

Manual Integrations
APPROVED

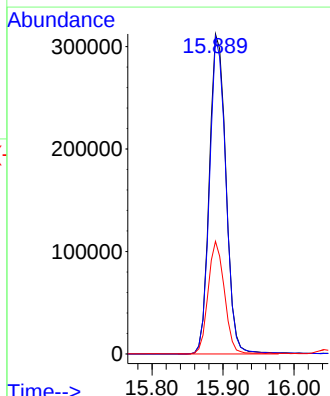
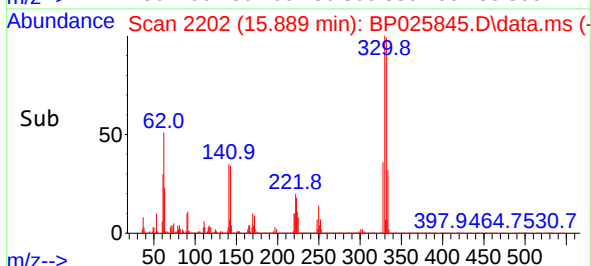
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

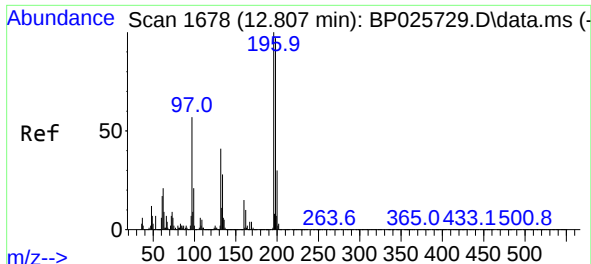


#42
2,4,6-Tribromophenol
Concen: 90.156 ng
RT: 15.889 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:330 Resp: 505896
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 34.6 31.0 46.4





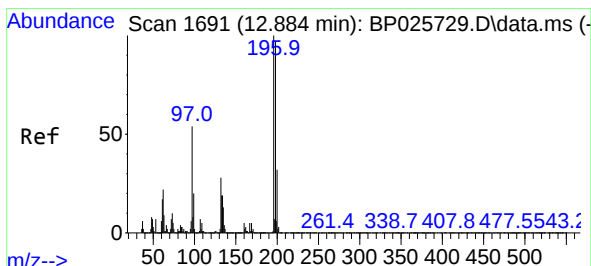
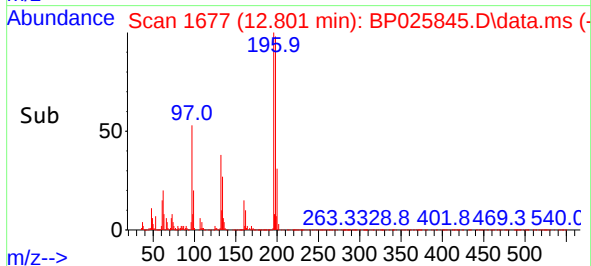
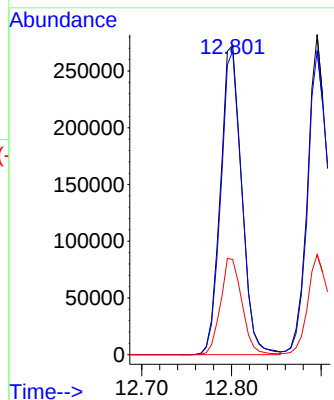
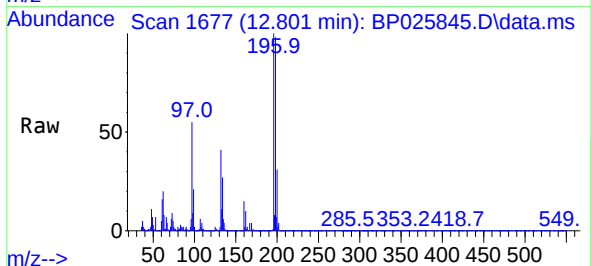
#43
2,4,6-Trichlorophenol
Concen: 50.214 ng
RT: 12.801 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:196 Resp: 450018
Ion Ratio Lower Upper
196 100
198 98.1 77.2 115.8
200 30.8 24.2 36.2

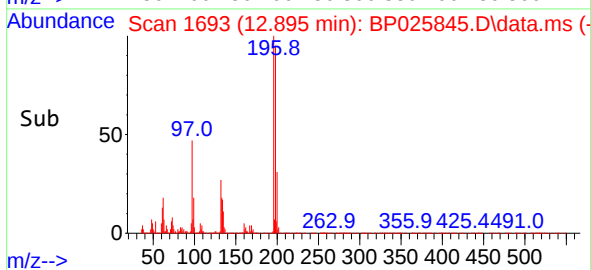
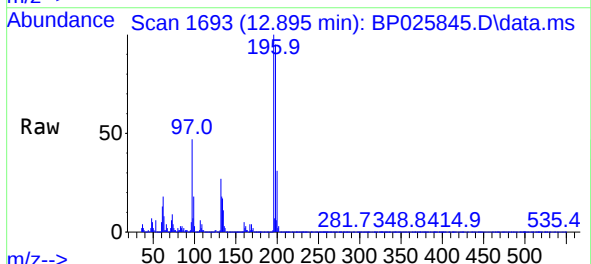
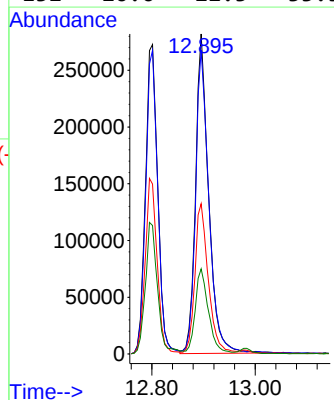
Manual Integrations
APPROVED

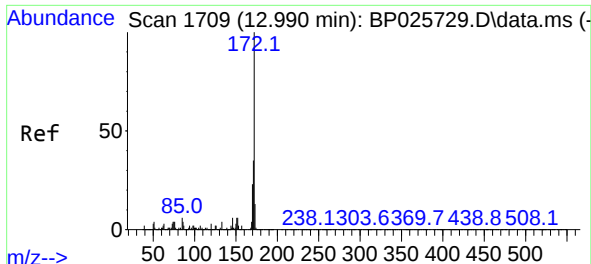
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#44
2,4,5-Trichlorophenol
Concen: 49.643 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Tgt Ion:196 Resp: 495149
Ion Ratio Lower Upper
196 100
198 94.9 77.8 116.8
97 46.9 43.3 64.9
132 26.6 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 44.002 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

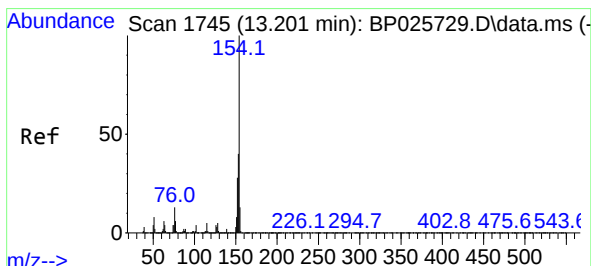
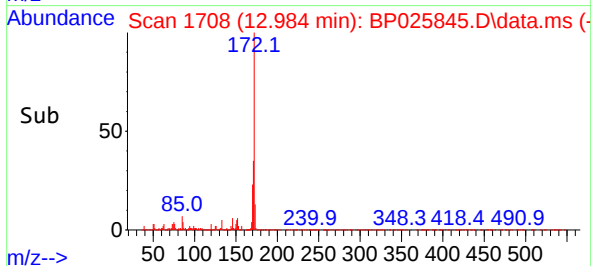
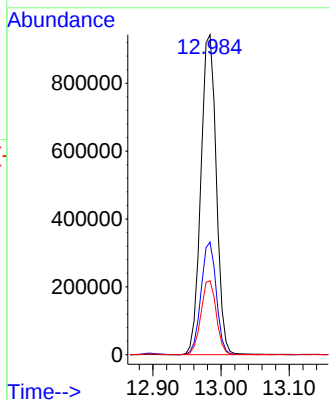
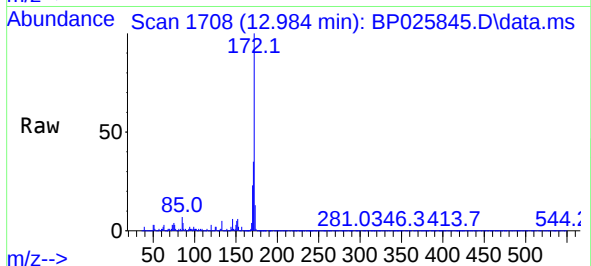
VNJ-245MSD

Tgt Ion:172 Resp: 1486711
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.1 18.6 27.8

Manual Integrations

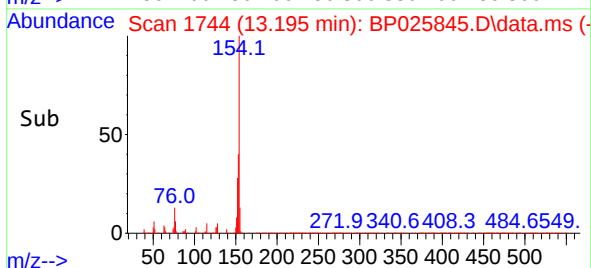
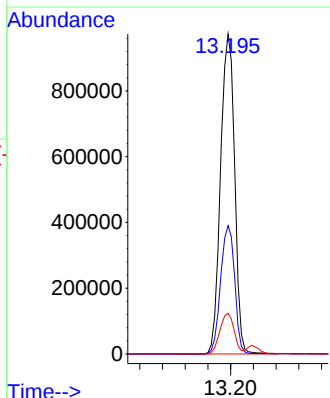
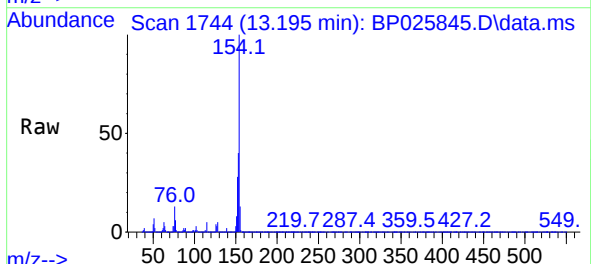
APPROVED

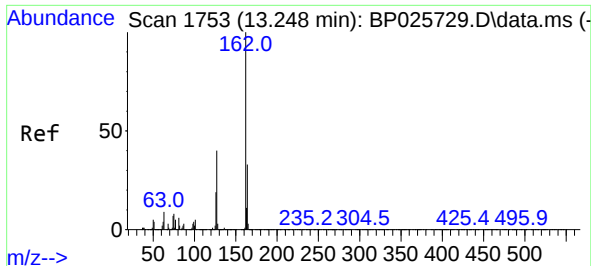
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#46
1,1'-Biphenyl
Concen: 50.807 ng
RT: 13.195 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Tgt Ion:154 Resp: 1677730
Ion Ratio Lower Upper
154 100
153 40.1 19.7 59.7
76 12.7 0.0 33.3





#47
2-Chloronaphthalene
Concen: 46.074 ng
RT: 13.242 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

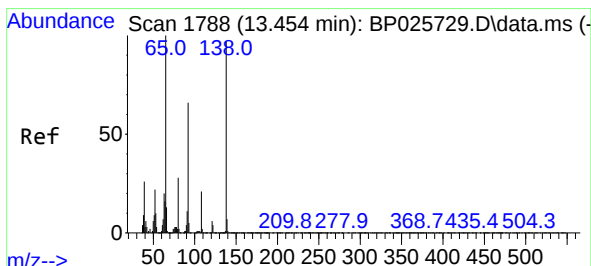
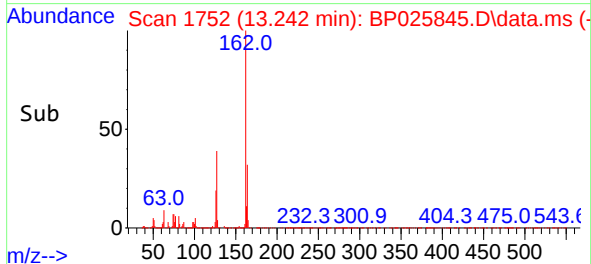
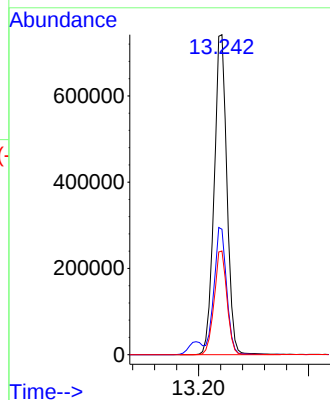
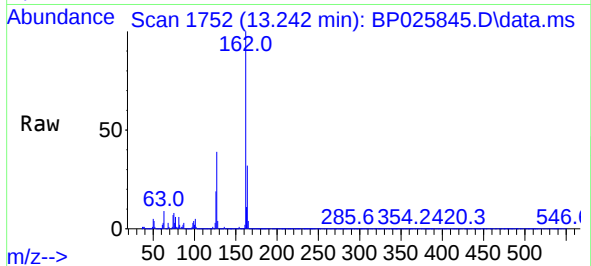
VNJ-245MSD

Tgt Ion:162 Resp: 119796
Ion Ratio Lower Upper
162 100
127 39.2 32.2 48.4
164 32.4 26.5 39.7

Manual Integrations

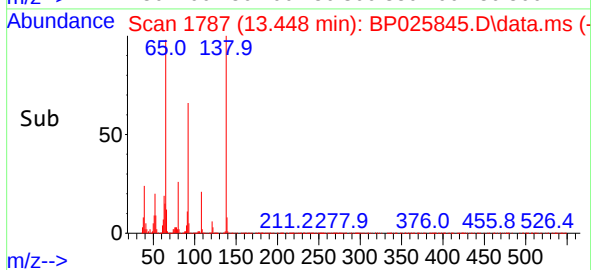
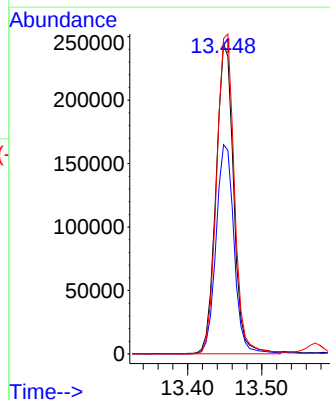
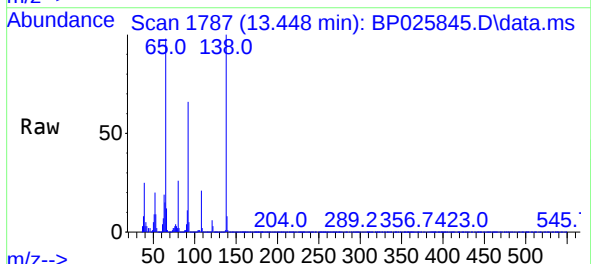
APPROVED

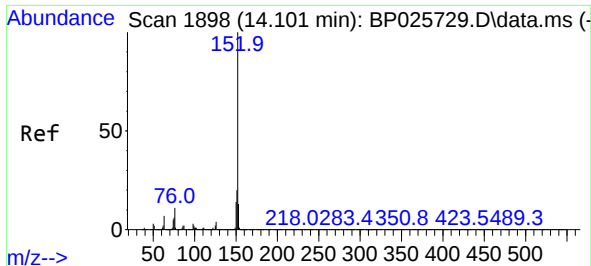
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#48
2-Nitroaniline
Concen: 46.582 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

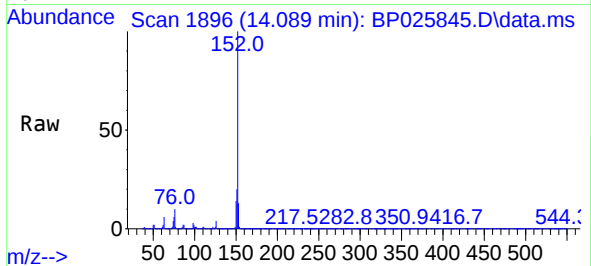
Tgt Ion: 65 Resp: 403742
Ion Ratio Lower Upper
65 100
92 67.4 53.1 79.7
138 101.6 77.8 116.8





#49
Acenaphthylene
Concen: 47.217 ng
RT: 14.089 min Scan# 1896
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

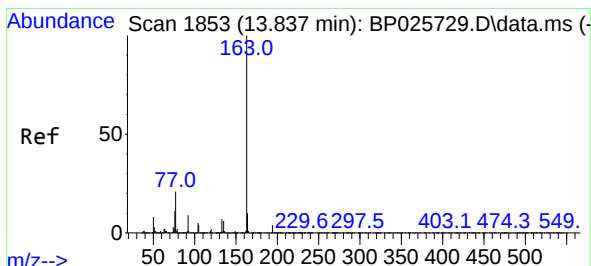
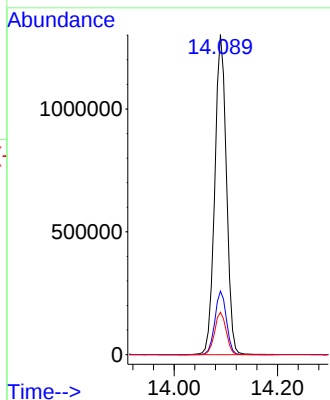
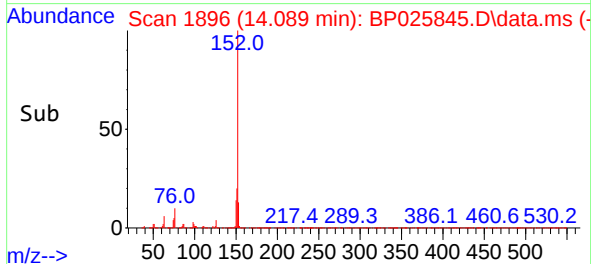
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:152 Resp: 203414
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.2 10.5 15.7

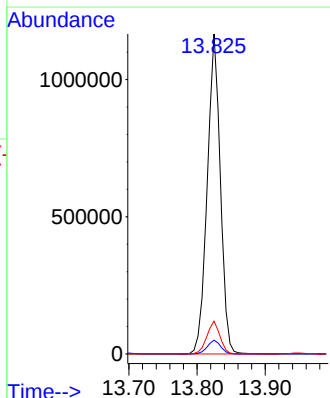
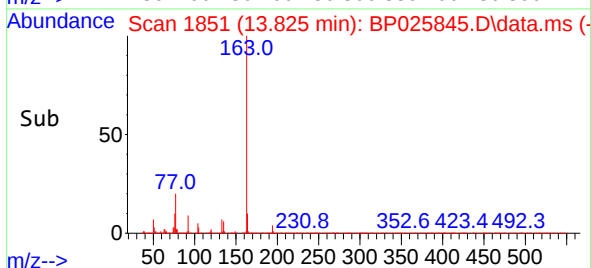
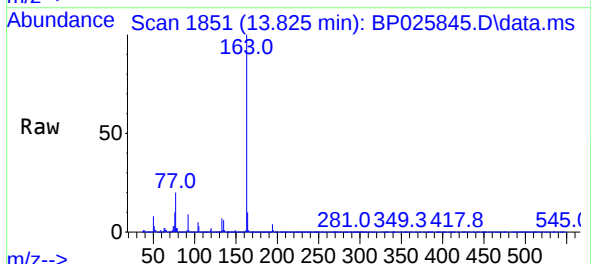
Manual Integrations
APPROVED

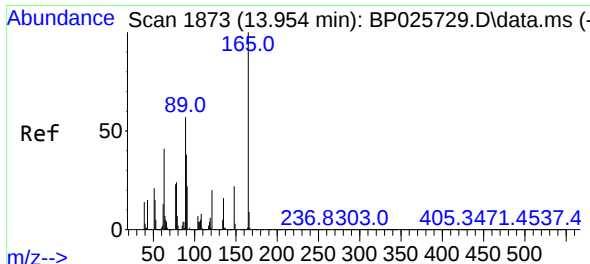
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#50
Dimethylphthalate
Concen: 45.438 ng
RT: 13.825 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

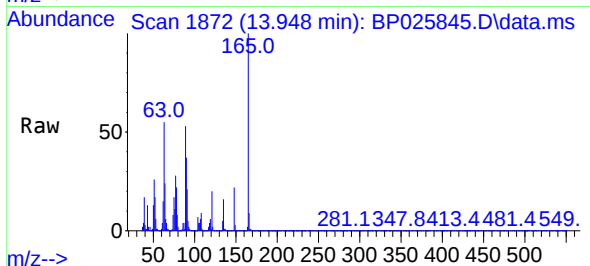
Tgt Ion:163 Resp: 1560647
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.180 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

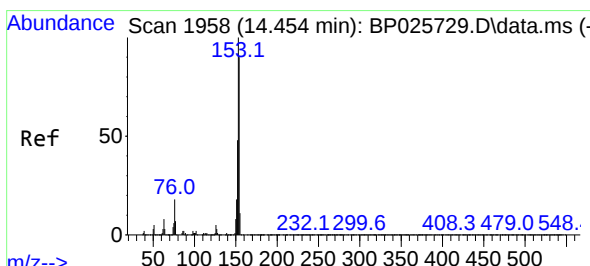
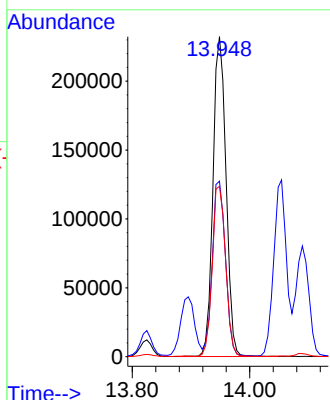
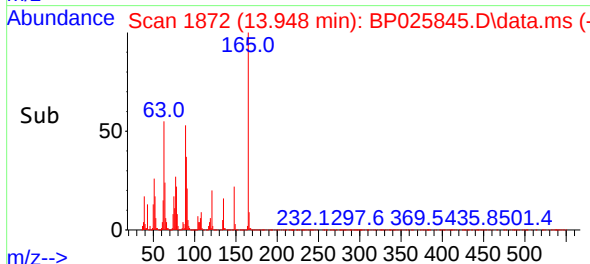
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



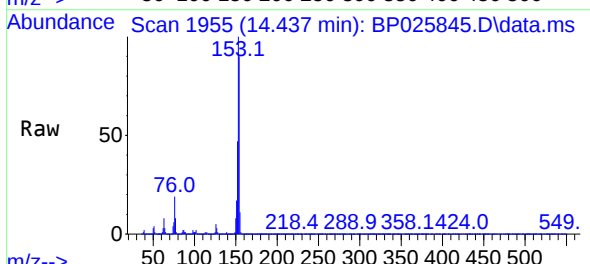
Tgt Ion:165 Resp: 357879
Ion Ratio Lower Upper
165 100
63 54.8 48.1 72.1
89 53.3 45.4 68.0

Manual Integrations
APPROVED

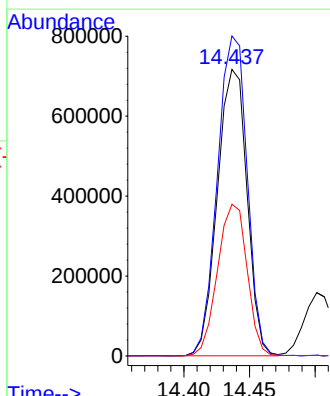
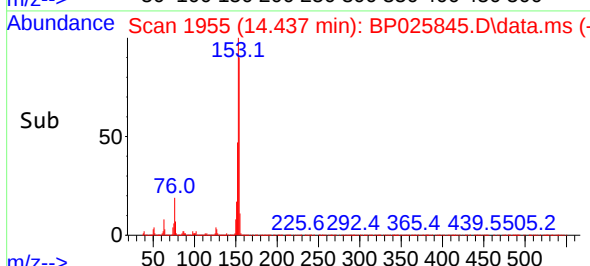
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

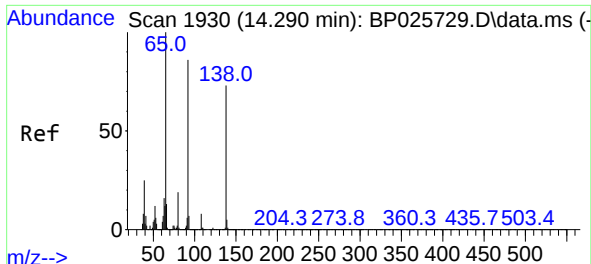


#52
Acenaphthene
Concen: 45.404 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



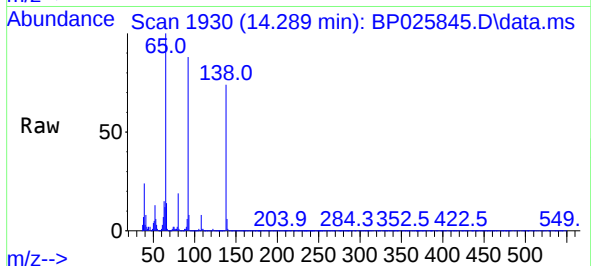
Tgt Ion:154 Resp: 1128044
Ion Ratio Lower Upper
154 100
153 111.6 89.4 134.0
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 28.560 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

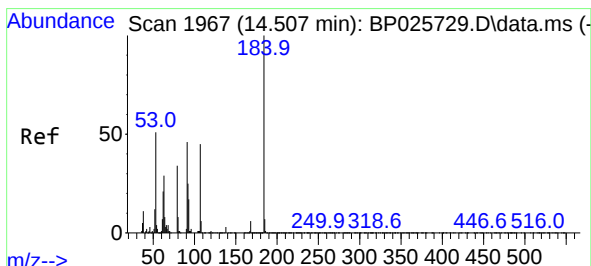
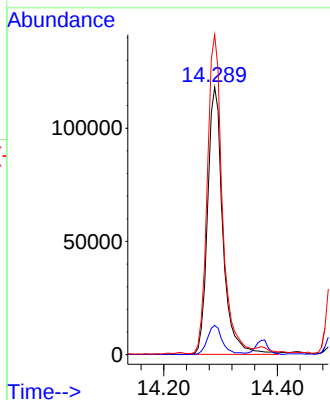
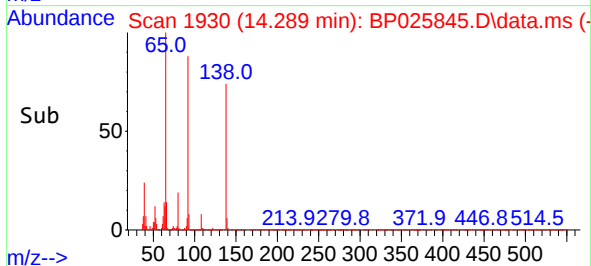
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



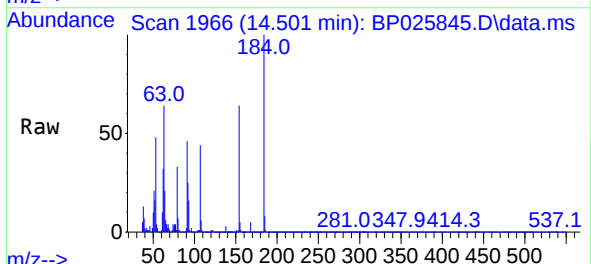
Tgt Ion:138 Resp: 21855
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 119.6 94.6 142.0

Manual Integrations
APPROVED

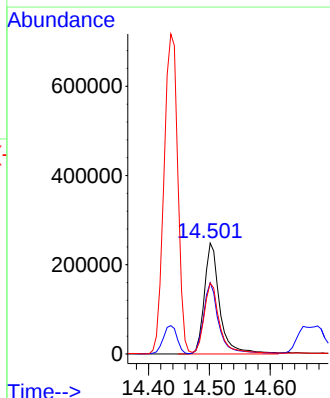
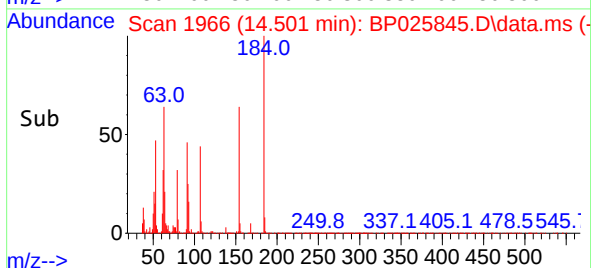
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

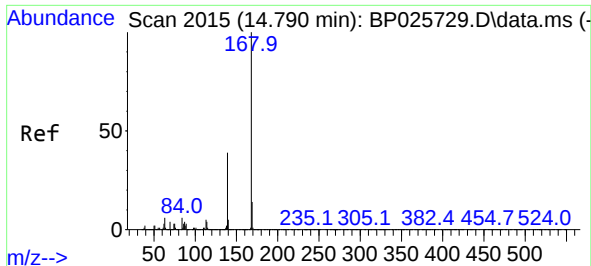


#54
2,4-Dinitrophenol
Concen: 91.419 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



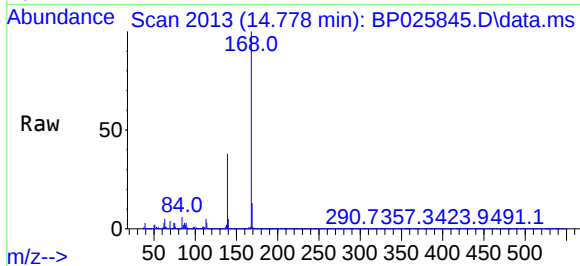
Tgt Ion:184 Resp: 435998
Ion Ratio Lower Upper
184 100
63 64.2 52.5 78.7
154 63.8 51.5 77.3





#55
Dibenzenofuran
Concen: 45.739 ng
RT: 14.778 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

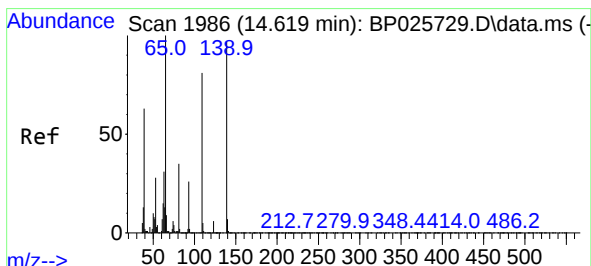
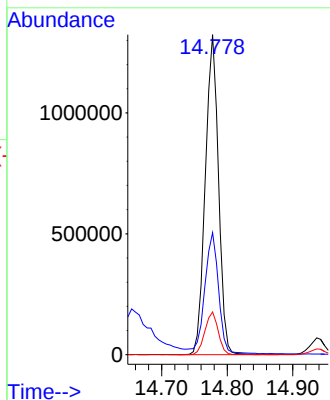
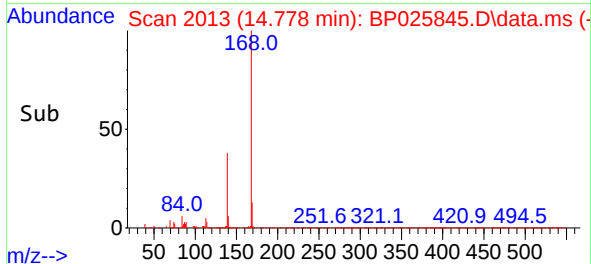
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



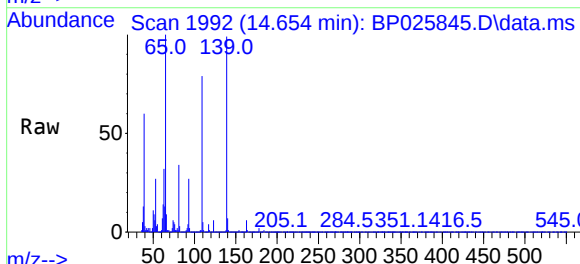
Tgt Ion:168 Resp: 1852056
Ion Ratio Lower Upper
168 100
139 38.2 31.7 47.5
169 13.4 10.8 16.2

Manual Integrations
APPROVED

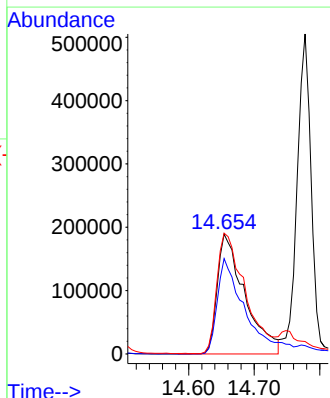
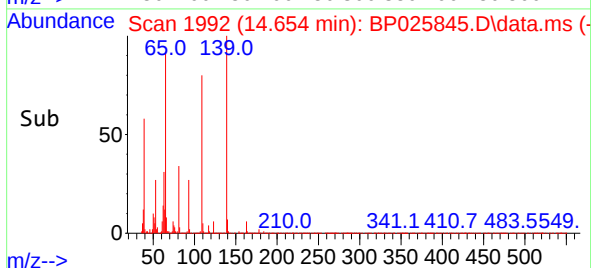
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

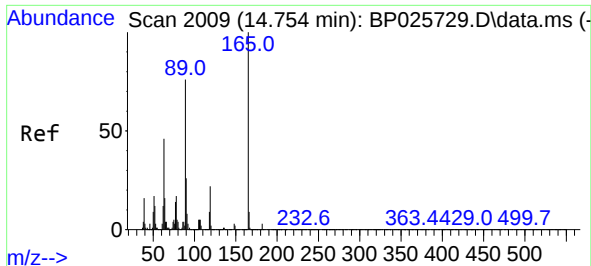


#56
4-Nitrophenol
Concen: 83.114 ng
RT: 14.654 min Scan# 1992
Delta R.T. 0.035 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:139 Resp: 548930
Ion Ratio Lower Upper
139 100
109 79.6 62.9 102.9
65 100.9 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 49.997 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

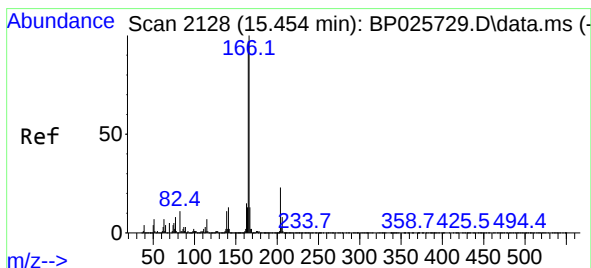
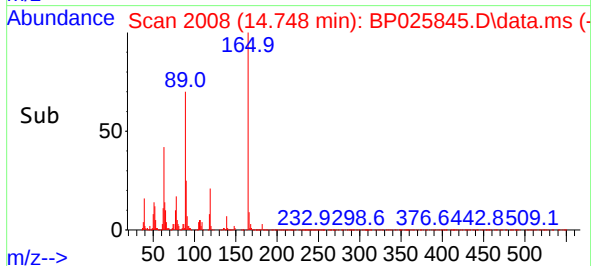
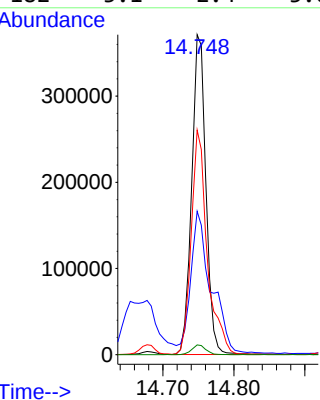
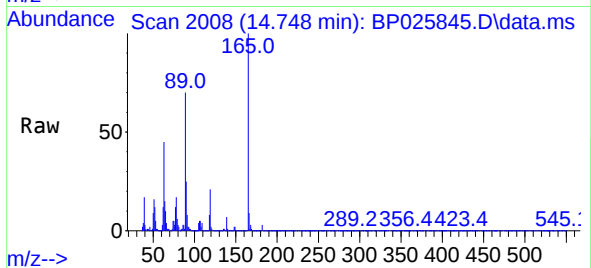
VNJ-245MSD

Tgt Ion:165 Resp: 51777
Ion Ratio Lower Upper
165 100
63 44.8 37.7 56.5
89 70.2 61.0 91.6
182 3.1 2.4 3.6

Manual Integrations

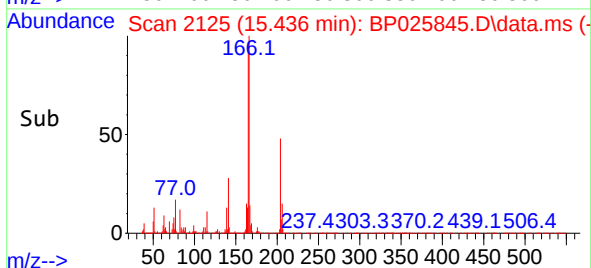
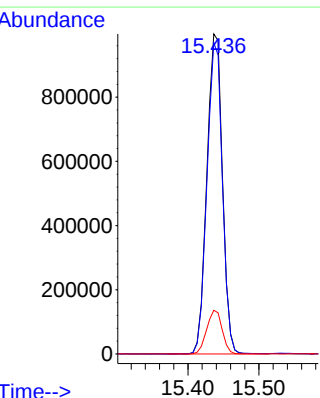
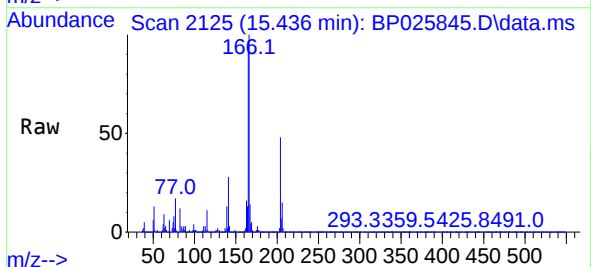
APPROVED

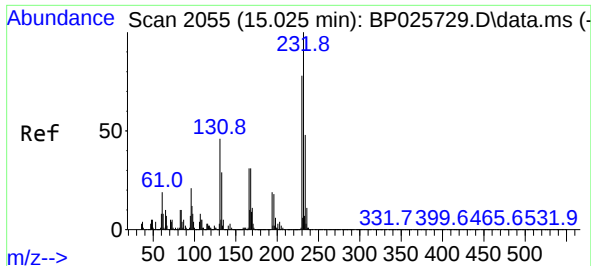
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#58
Fluorene
Concen: 46.876 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

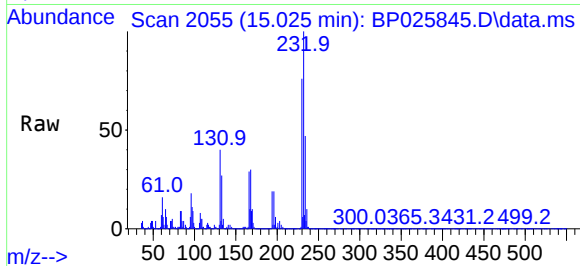
Tgt Ion:166 Resp: 1509318
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.389 ng
RT: 15.025 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

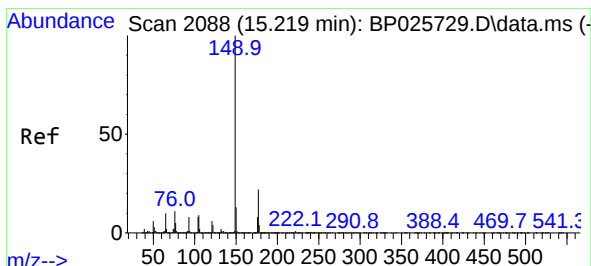
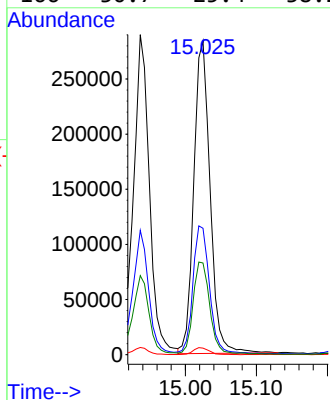
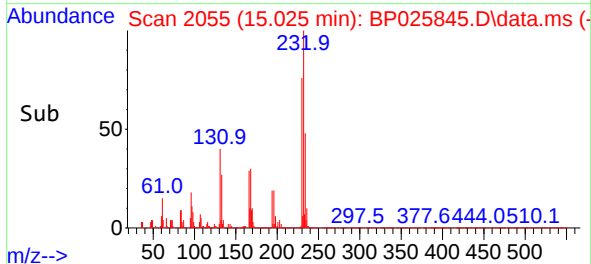
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



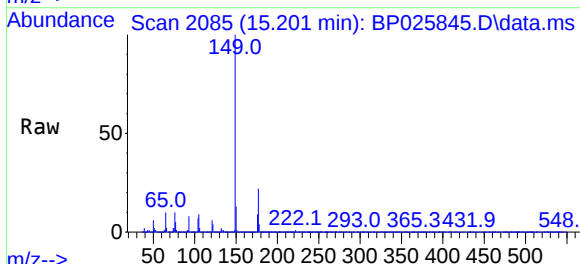
Tgt Ion:232 Resp: 452731
Ion Ratio Lower Upper
232 100
131 42.3 36.7 55.1
130 2.3 2.0 3.0
166 30.7 25.4 38.2

Manual Integrations
APPROVED

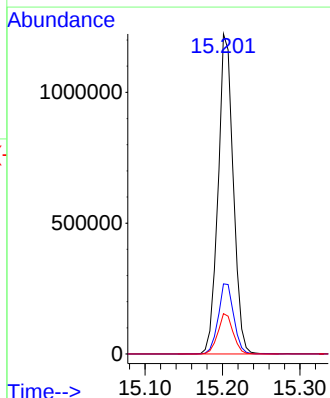
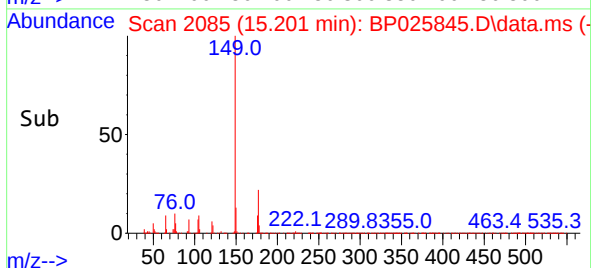
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

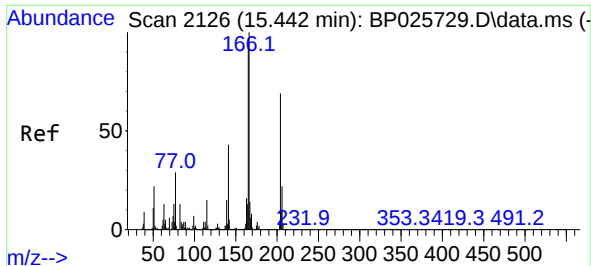


#60
Diethylphthalate
Concen: 47.582 ng
RT: 15.201 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:149 Resp: 1657757
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.6 10.0 15.0





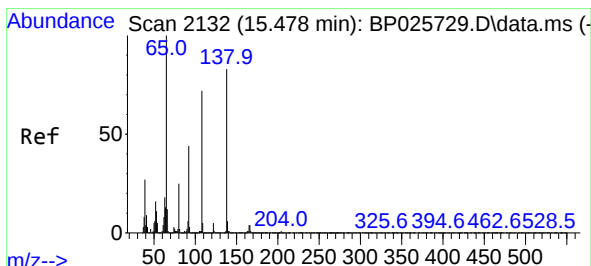
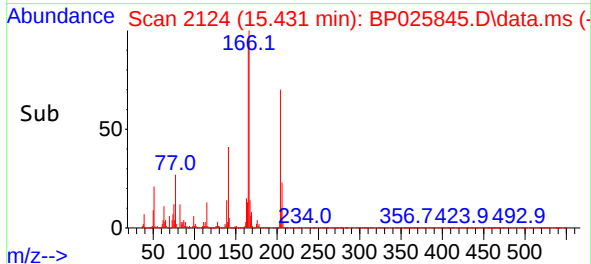
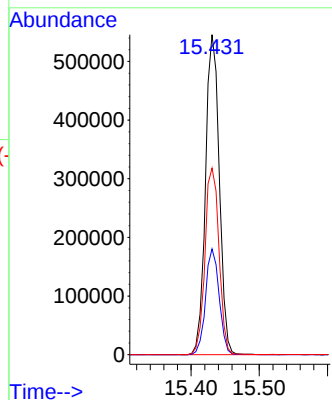
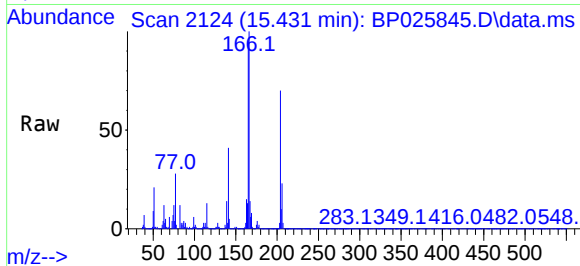
#61
4-Chlorophenyl-phenylether
Concen: 47.284 ng
RT: 15.431 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:204 Resp: 76727
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 58.3 49.7 74.5

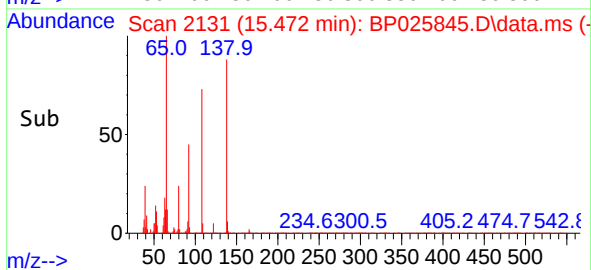
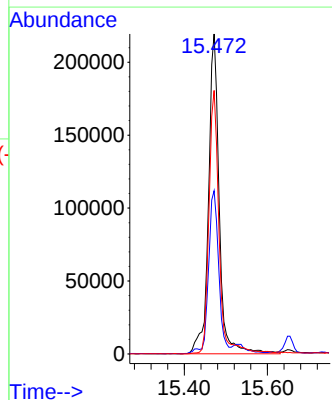
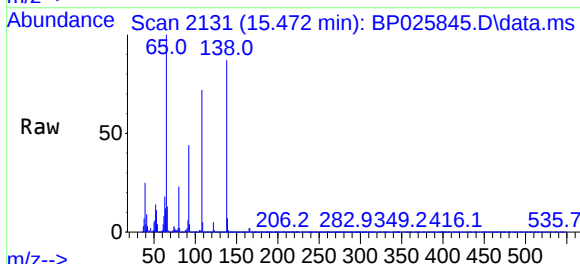
Manual Integrations
APPROVED

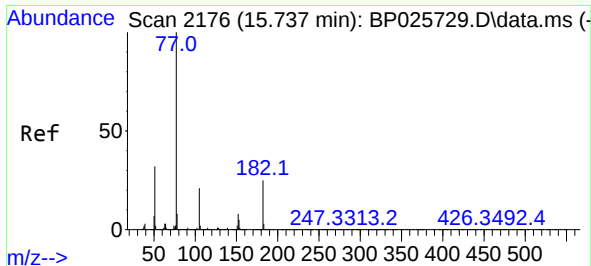
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#62
4-Nitroaniline
Concen: 50.411 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

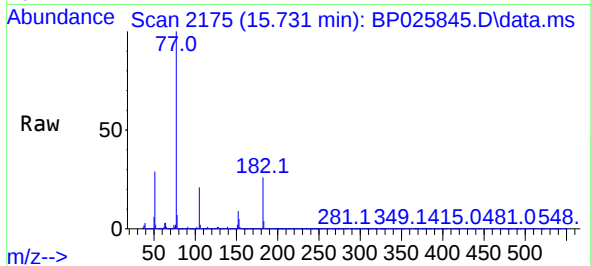
Tgt Ion:138 Resp: 395195
Ion Ratio Lower Upper
138 100
92 51.0 33.3 73.3
108 82.4 66.7 106.7





#63
Azobenzene
Concen: 49.280 ng
RT: 15.731 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

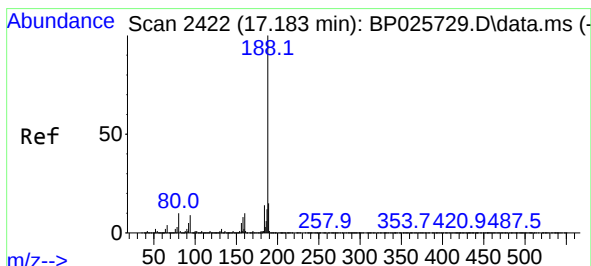
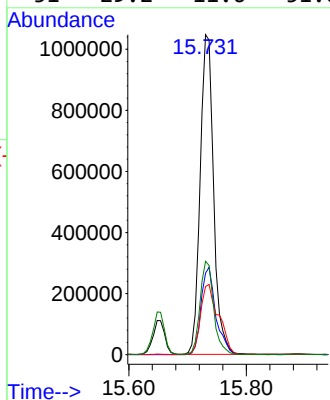
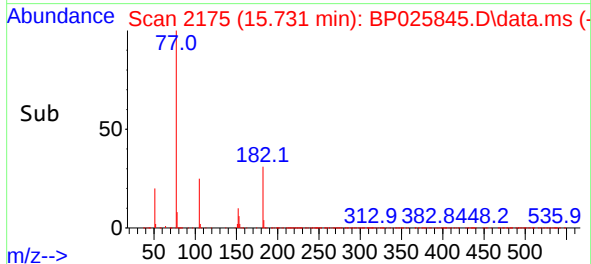
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion: 77 Resp: 166011
Ion Ratio Lower Upper
77 100
182 25.5 5.2 45.2
105 21.3 1.1 41.1
51 29.2 11.6 51.6

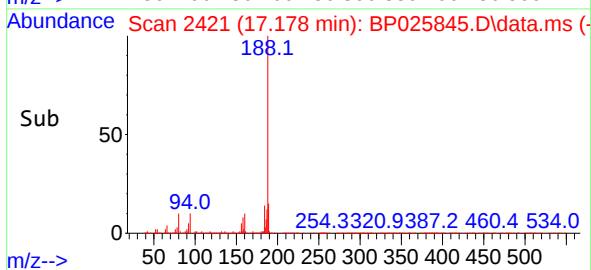
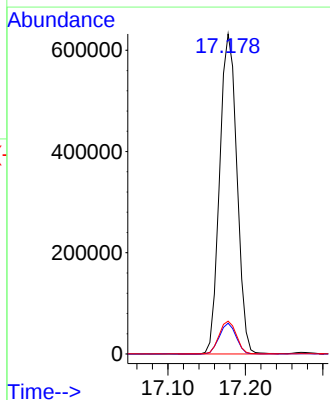
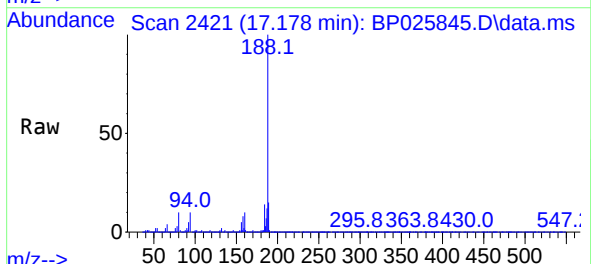
Manual Integrations
APPROVED

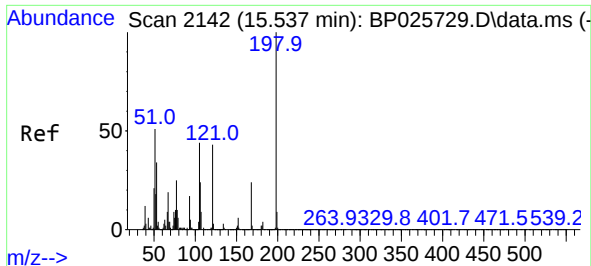
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

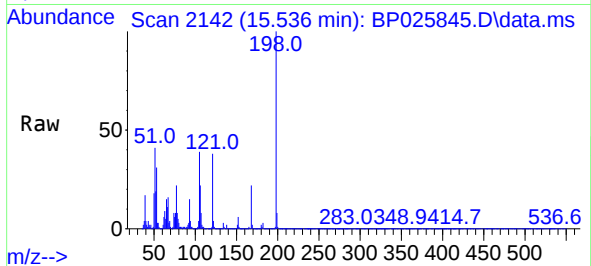
Tgt Ion:188 Resp: 981325
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.3 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 48.510 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

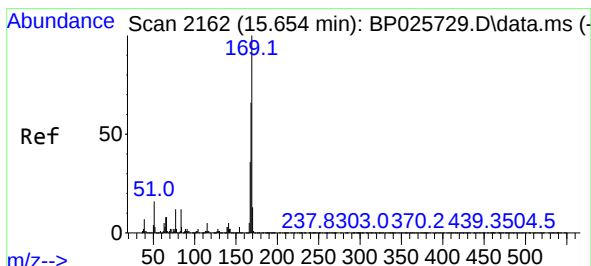
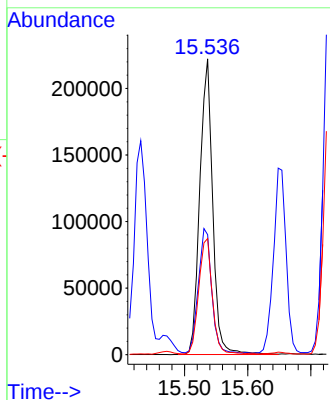
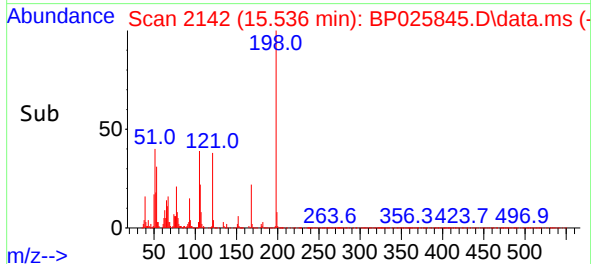
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



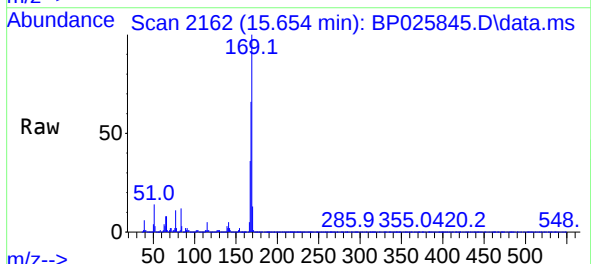
Tgt Ion:198 Resp: 316584
Ion Ratio Lower Upper
198 100
51 40.6 33.4 73.4
105 39.2 24.3 64.3

Manual Integrations
APPROVED

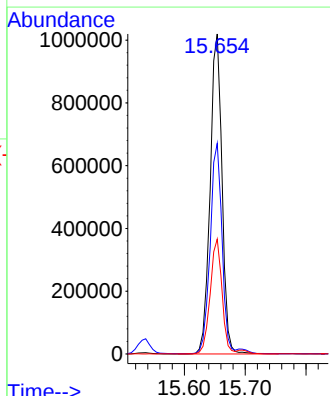
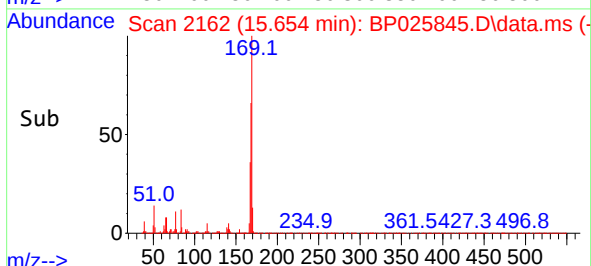
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

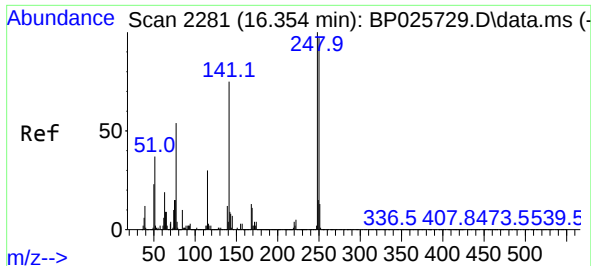


#66
n-Nitrosodiphenylamine
Concen: 46.013 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:169 Resp: 1381799
Ion Ratio Lower Upper
169 100
168 65.8 52.6 78.8
167 35.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 48.838 ng
RT: 16.348 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

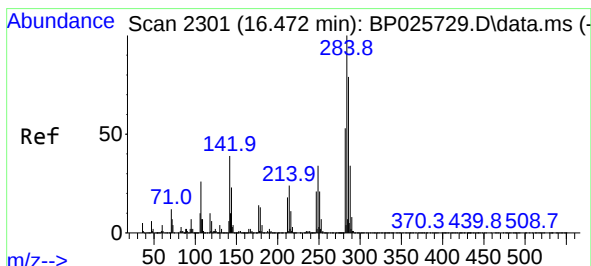
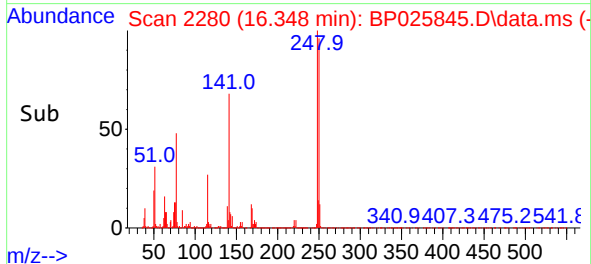
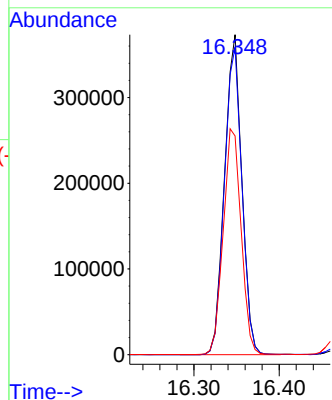
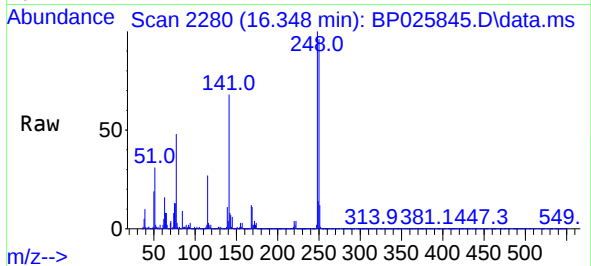
VNJ-245MSD

Tgt Ion:248 Resp: 52650
Ion Ratio Lower Upper
248 100
250 96.1 77.5 116.3
141 68.4 60.2 90.4

Manual Integrations

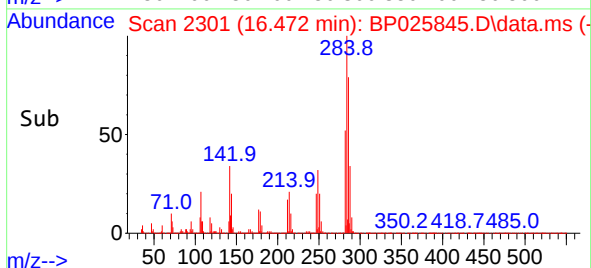
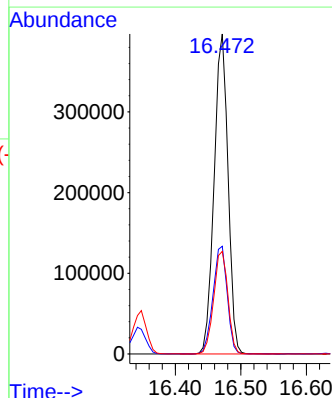
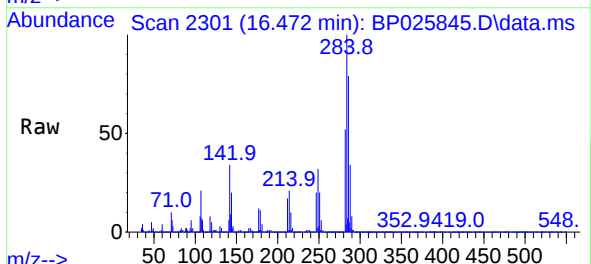
APPROVED

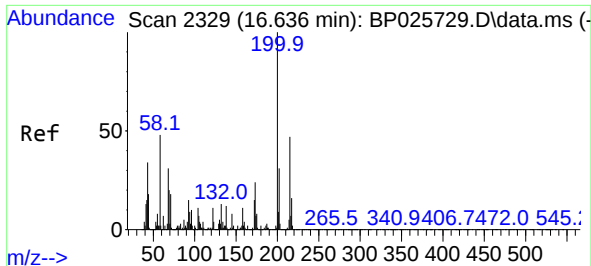
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#68
Hexachlorobenzene
Concen: 48.535 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

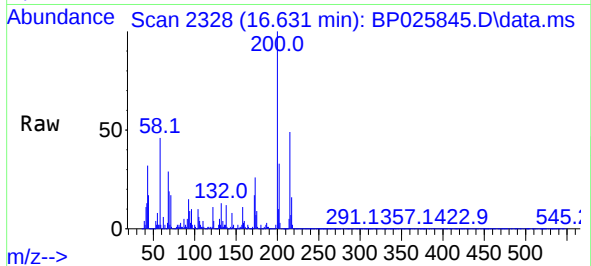
Tgt Ion:284 Resp: 583506
Ion Ratio Lower Upper
284 100
142 33.7 31.3 46.9
249 32.0 27.3 40.9





#69
Atrazine
Concen: 50.457 ng
RT: 16.631 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

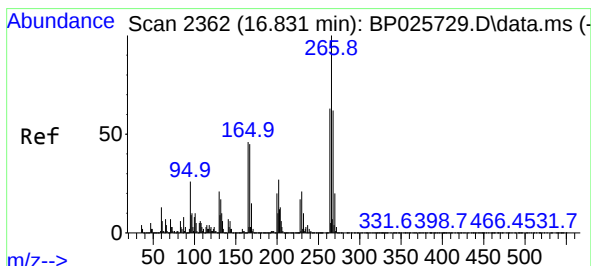
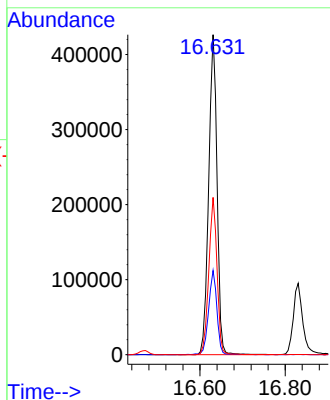
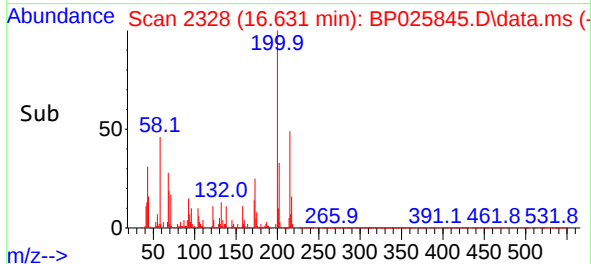
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:200 Resp: 57920
Ion Ratio Lower Upper
200 100
173 26.3 4.2 44.2
215 49.1 27.3 67.3

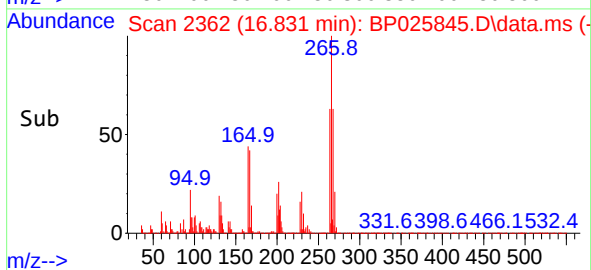
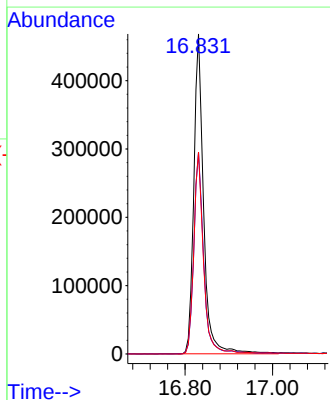
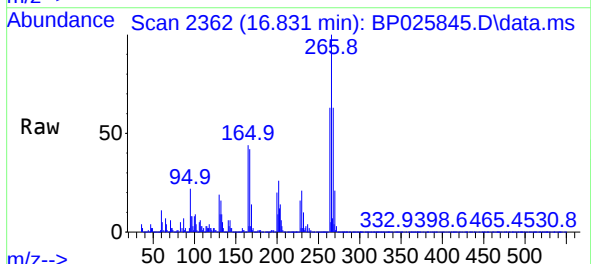
Manual Integrations
APPROVED

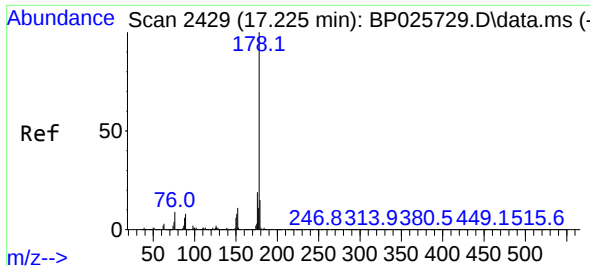
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#70
Pentachlorophenol
Concen: 92.311 ng
RT: 16.831 min Scan# 2362
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Tgt Ion:266 Resp: 732463
Ion Ratio Lower Upper
266 100
268 63.1 49.8 74.8
264 63.1 50.2 75.2





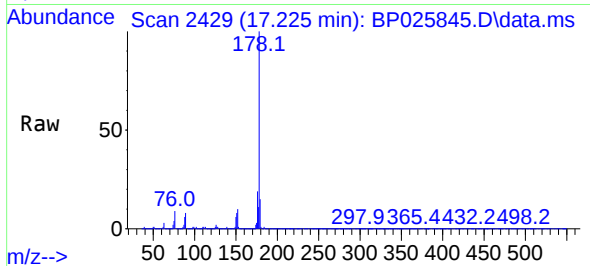
#71
Phenanthrene
Concen: 46.095 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

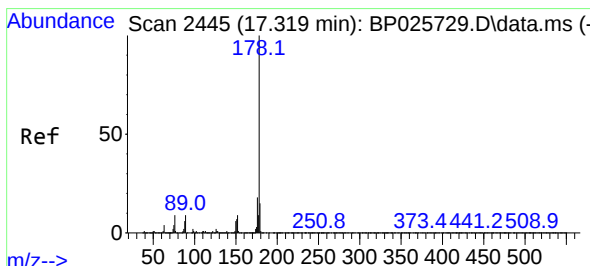
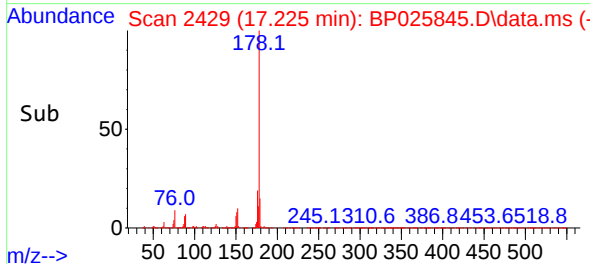
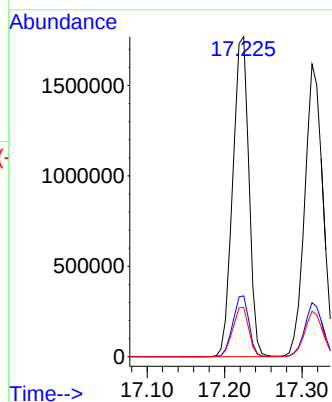


Tgt Ion:178 Resp: 2565970
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.2 18.4

Manual Integrations

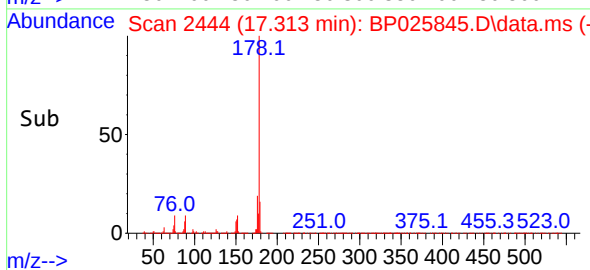
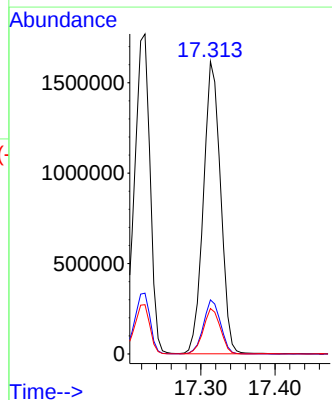
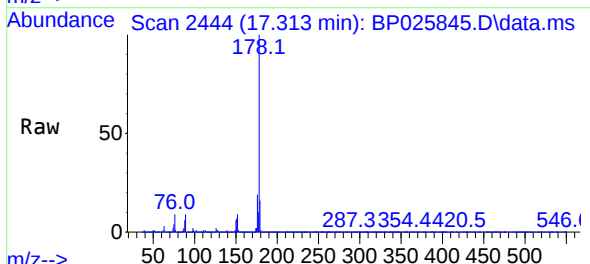
APPROVED

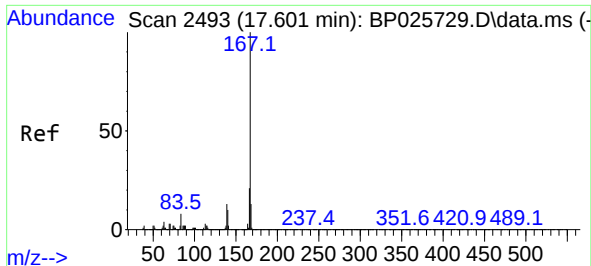
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#72
Anthracene
Concen: 46.066 ng
RT: 17.313 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Tgt Ion:178 Resp: 2601847
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.2 18.4





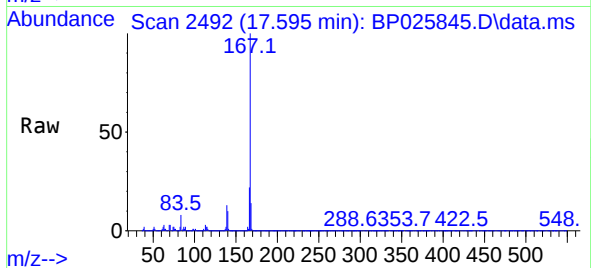
#73
 Carbazole
 Concen: 46.598 ng
 RT: 17.595 min Scan# 2492
 Delta R.T. -0.006 min
 Lab File: BP025845.D
 Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD



Tgt Ion:167 Resp: 244684

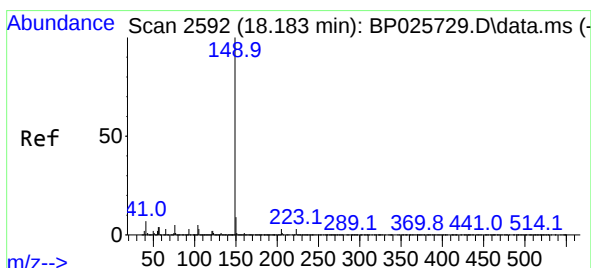
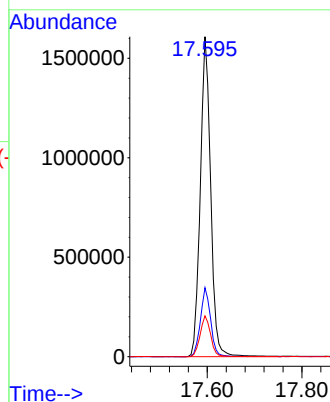
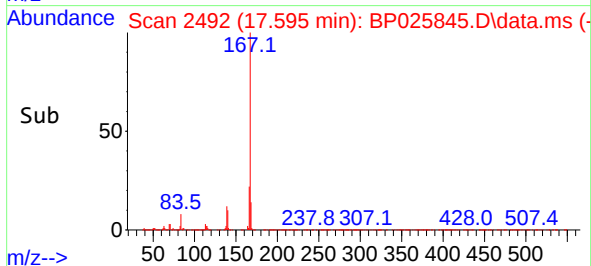
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.4
139	12.8	10.6	16.0

Manual Integrations

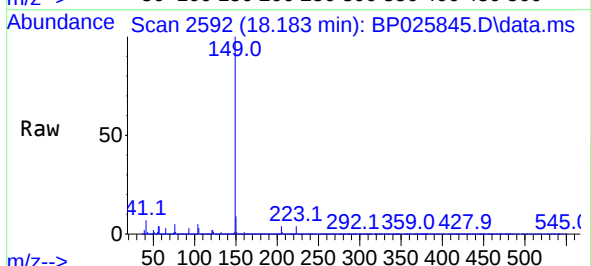
APPROVED

Reviewed By :Rahul Chavli 09/25/2025

Supervised By :Jagrut Upadhyay 09/25/2025

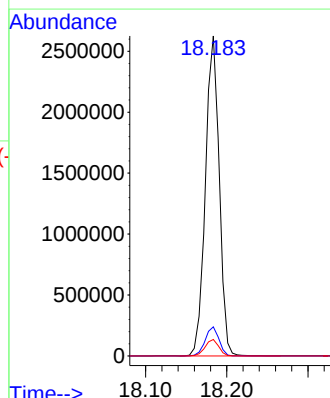
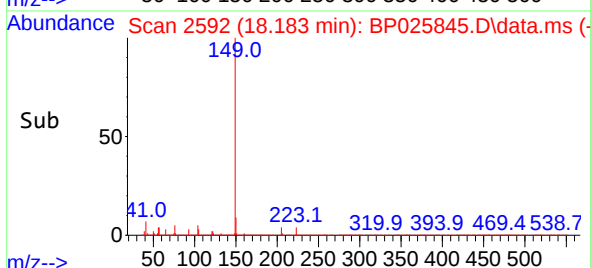


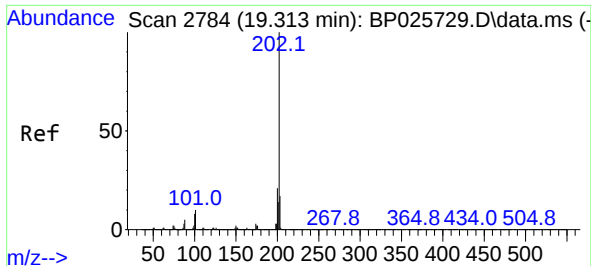
#74
 Di-n-butylphthalate
 Concen: 47.967 ng
 RT: 18.183 min Scan# 2592
 Delta R.T. -0.000 min
 Lab File: BP025845.D
 Acq: 24 Sep 2025 14:41



Tgt Ion:149 Resp: 3090974

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.3	6.5





#75
Fluoranthene
Concen: 48.335 ng
RT: 19.307 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

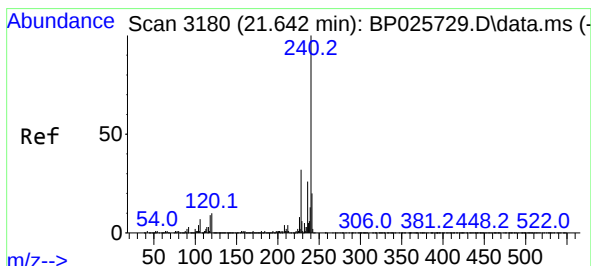
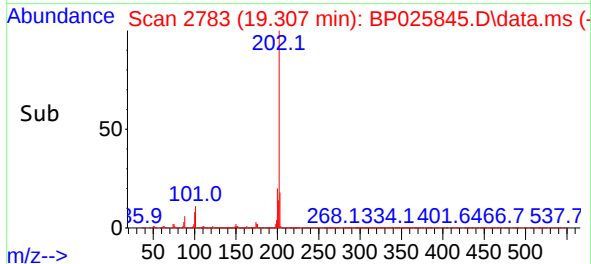
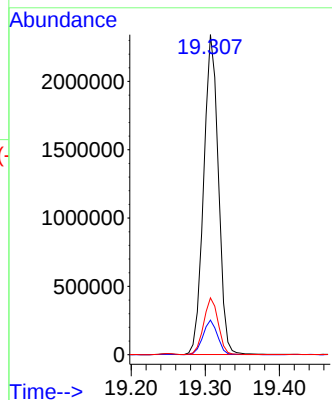
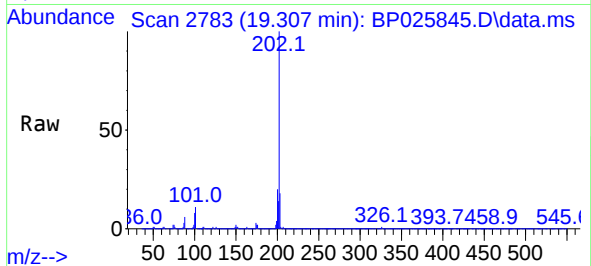
VNJ-245MSD

Tgt Ion:202 Resp: 3226908
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.4
203 17.7 0.0 37.4

Manual Integrations

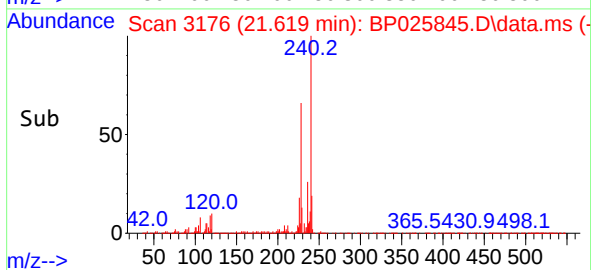
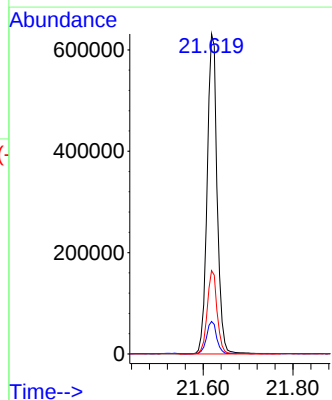
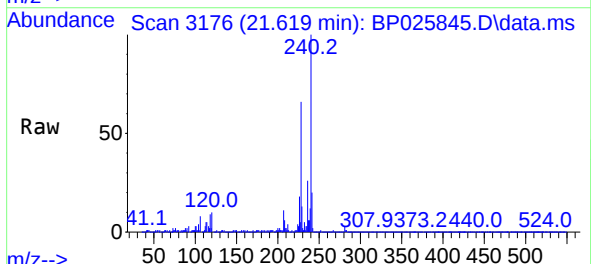
APPROVED

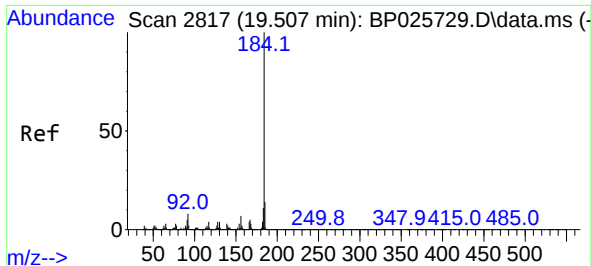
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.024 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Tgt Ion:240 Resp: 971996
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 26.0 20.7 31.1





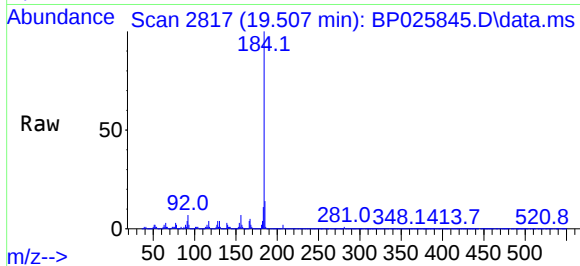
#77
Benzidine
Concen: 57.393 ng
RT: 19.507 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

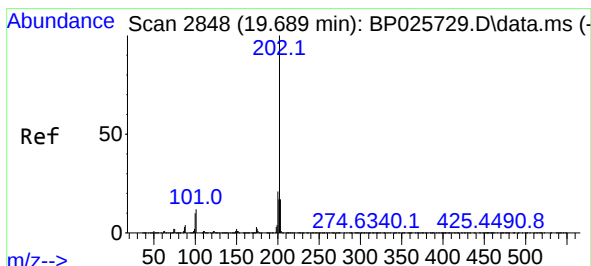
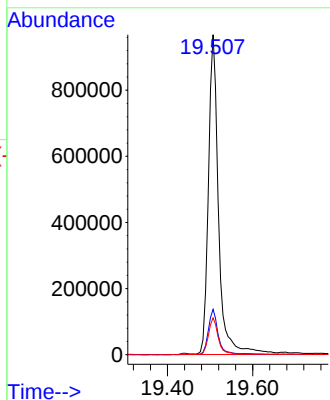
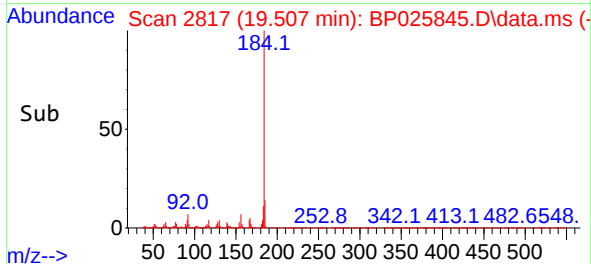


Tgt Ion:184 Resp: 160693
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.5 9.2 13.8

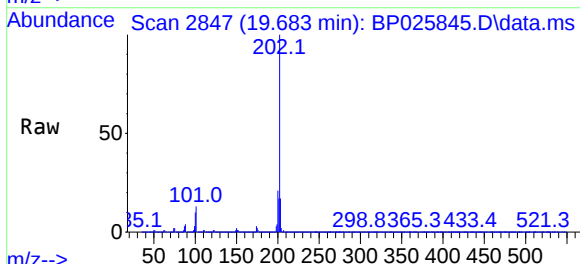
Manual Integrations

APPROVED

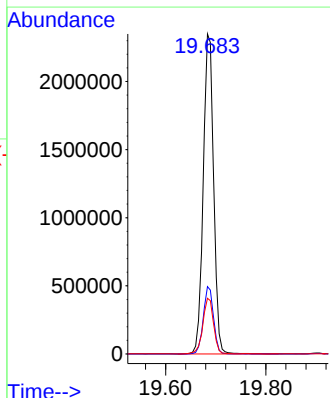
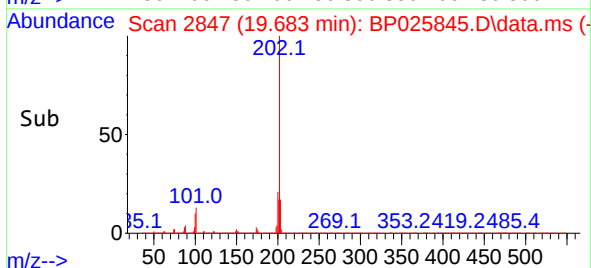
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

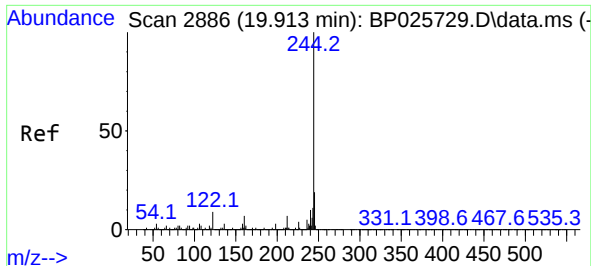


#78
Pyrene
Concen: 52.057 ng
RT: 19.683 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:202 Resp: 3376227
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.4 13.9 20.9





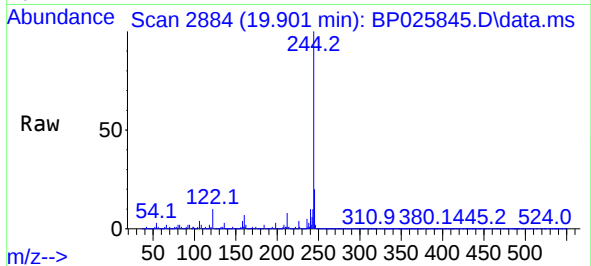
#79
Terphenyl-d14
Concen: 48.922 ng
RT: 19.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

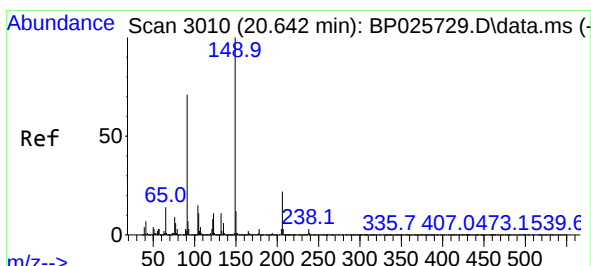
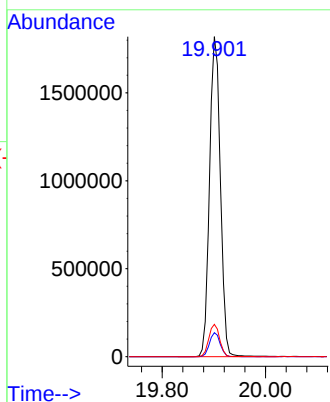
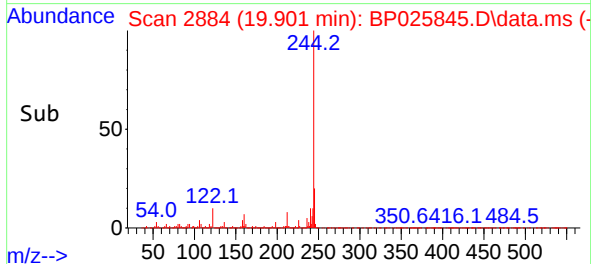


Tgt Ion:244 Resp: 264324
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.1 7.1 10.7

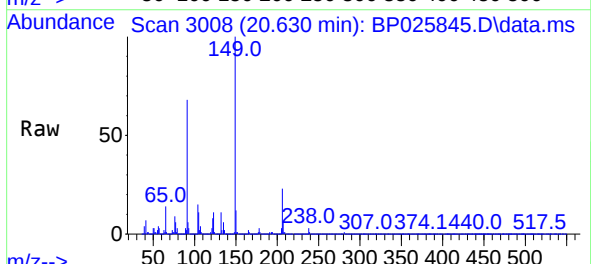
Manual Integrations

APPROVED

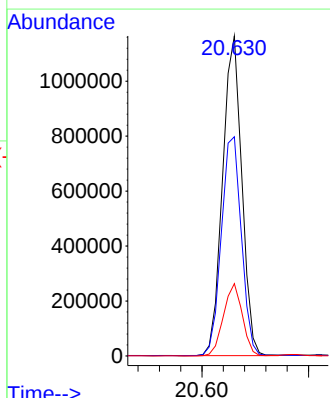
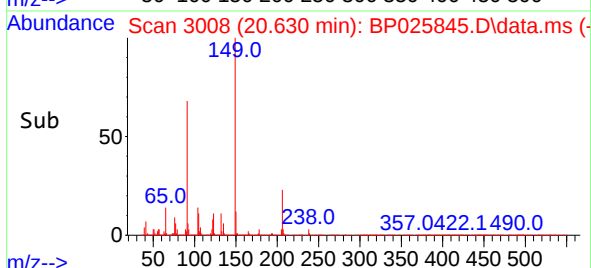
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

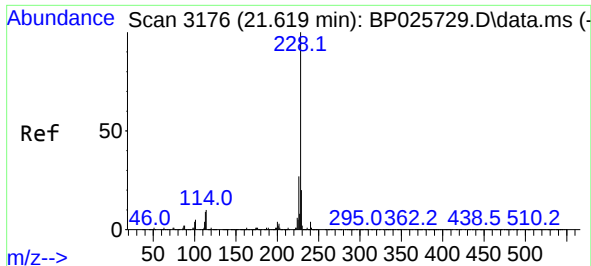


#80
Butylbenzylphthalate
Concen: 51.248 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:149 Resp: 1457356
Ion Ratio Lower Upper
149 100
91 68.5 56.6 85.0
206 22.6 17.4 26.0





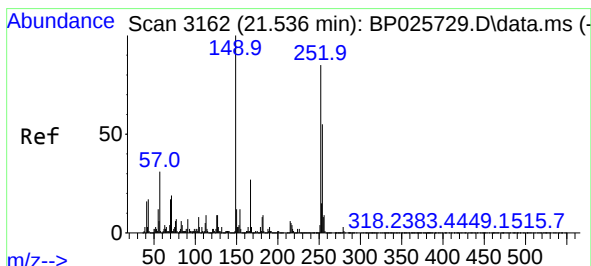
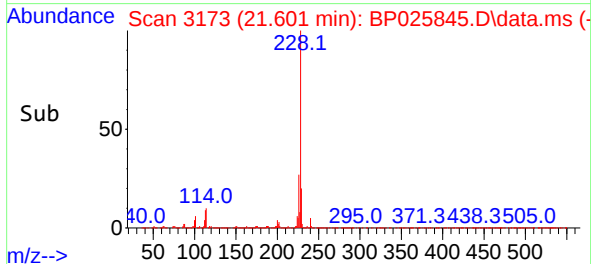
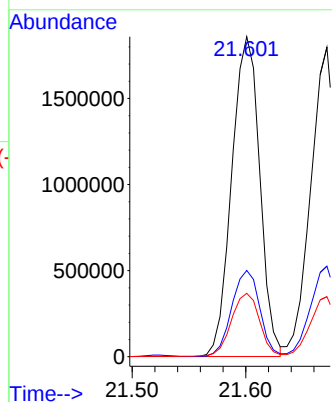
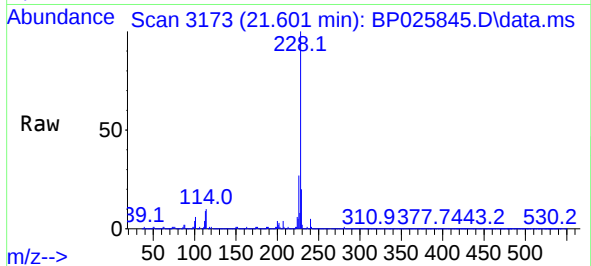
#81
Benzo(a)anthracene
Concen: 47.778 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:228 Resp: 317937
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.8 15.7 23.5

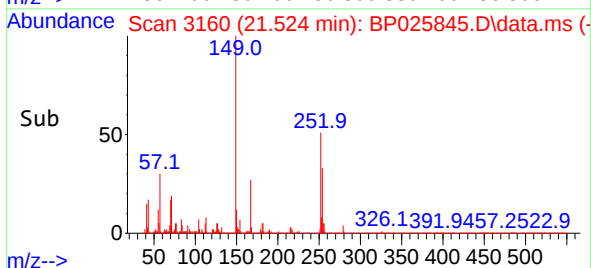
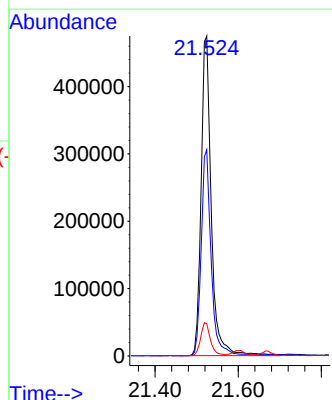
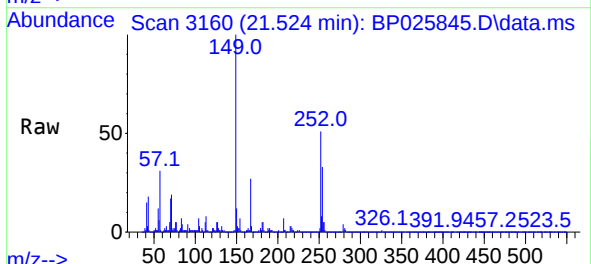
Manual Integrations
APPROVED

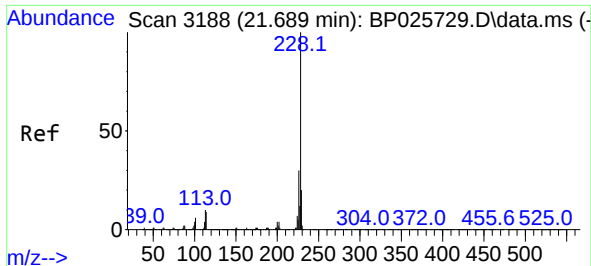
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#82
3,3'-Dichlorobenzidine
Concen: 35.064 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

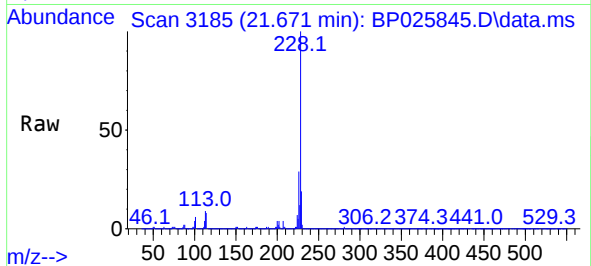
Tgt Ion:252 Resp: 806783
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.0
126 10.1 8.3 12.5





#83
Chrysene
Concen: 47.722 ng
RT: 21.671 min Scan# 3188
Delta R.T. -0.018 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

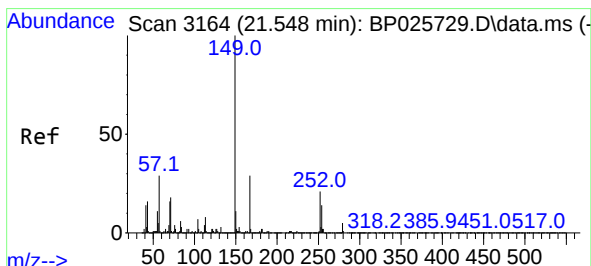
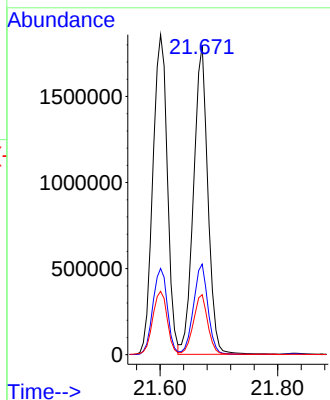
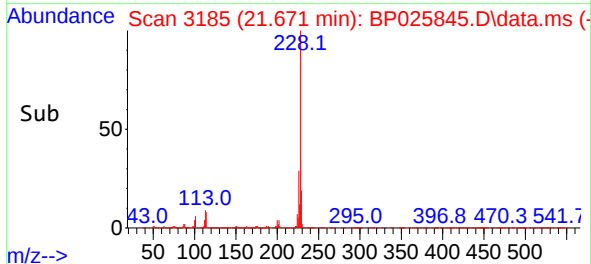
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:228 Resp: 3027190
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.6
229 19.4 15.6 23.4

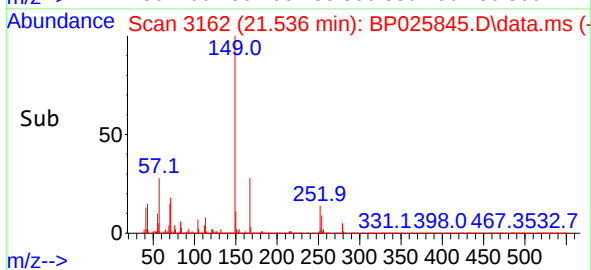
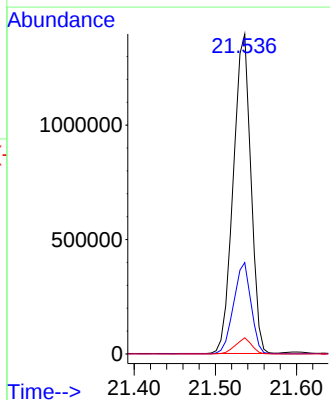
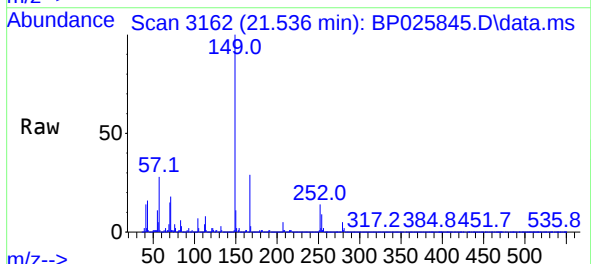
Manual Integrations
APPROVED

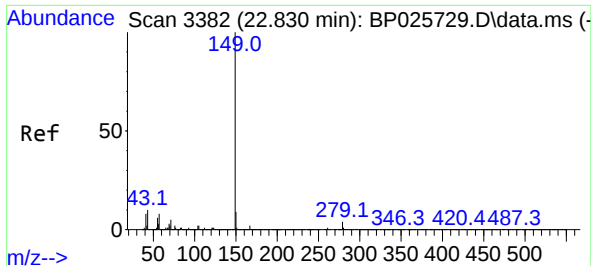
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.421 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

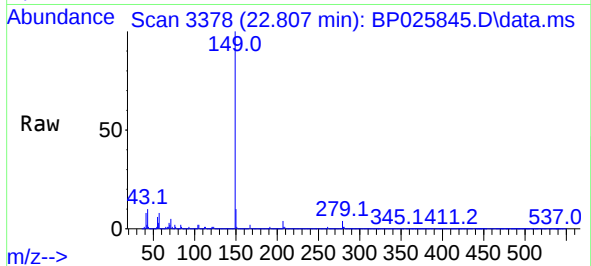
Tgt Ion:149 Resp: 2097741
Ion Ratio Lower Upper
149 100
167 28.5 22.9 34.3
279 5.0 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 49.034 ng
RT: 22.807 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

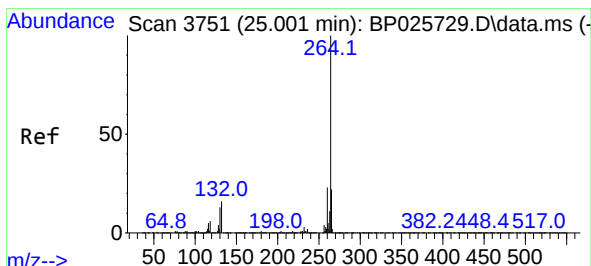
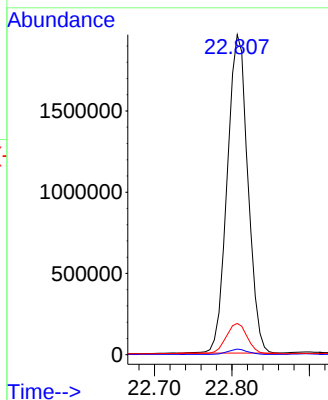
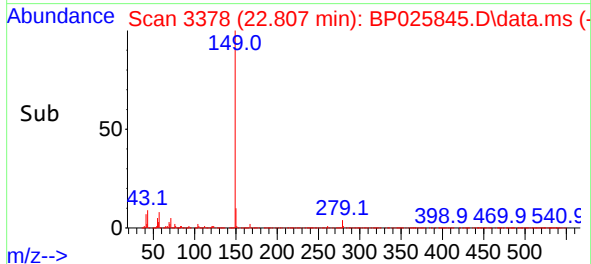
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:149 Resp: 362882
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.0 12.0

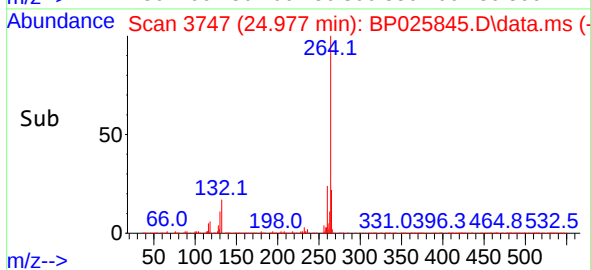
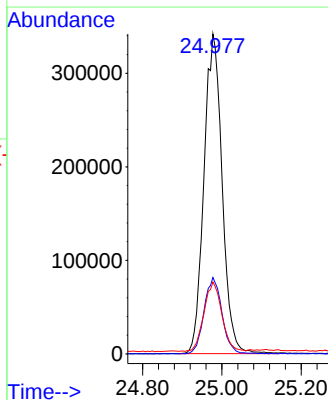
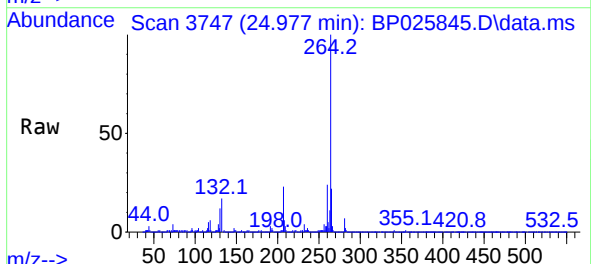
Manual Integrations
APPROVED

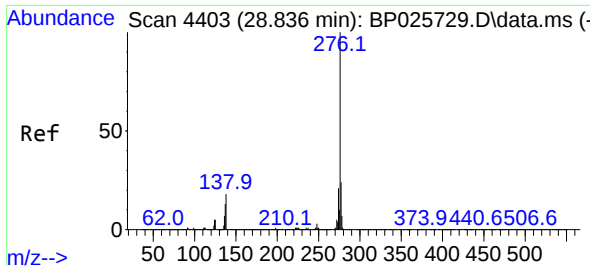
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.977 min Scan# 3747
Delta R.T. -0.024 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

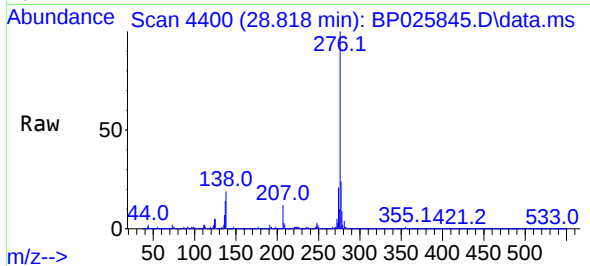
Tgt Ion:264 Resp: 1089001
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 22.5 17.3 25.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.447 ng
 RT: 28.818 min Scan# 4403
 Delta R.T. -0.018 min
 Lab File: BP025845.D
 Acq: 24 Sep 2025 14:41

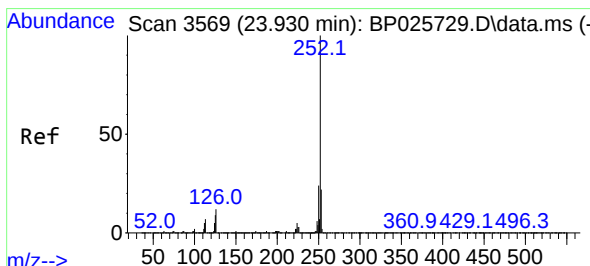
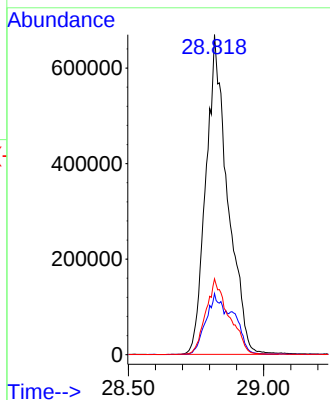
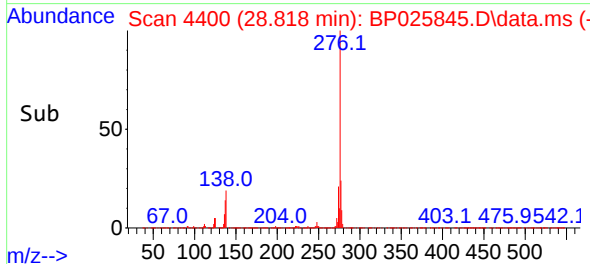
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-245MSD



Tgt Ion: 276 Resp: 3757549
 Ion Ratio Lower Upper
 276 100
 138 16.6 13.4 20.2
 277 25.1 9.1 13.7

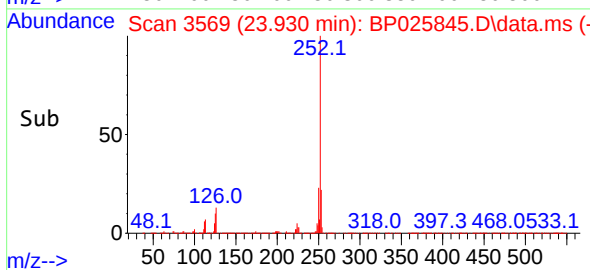
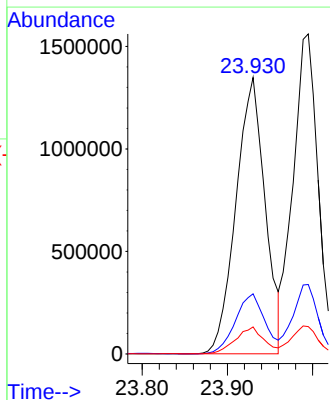
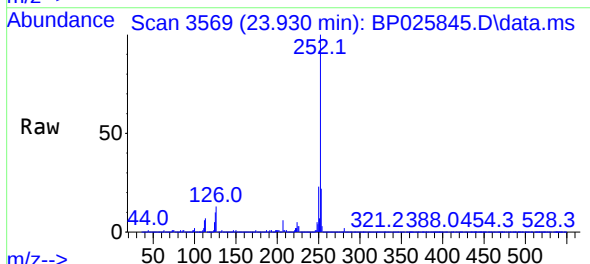
Manual Integrations
 APPROVED

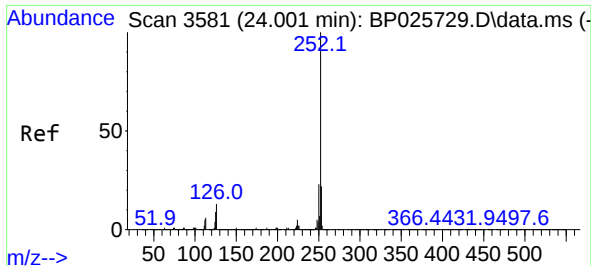
Reviewed By :Rahul Chavli 09/25/2025
 Supervised By :Jagrut Upadhyay 09/25/2025



#88
 Benzo(b)fluoranthene
 Concen: 48.124 ng
 RT: 23.930 min Scan# 3569
 Delta R.T. -0.000 min
 Lab File: BP025845.D
 Acq: 24 Sep 2025 14:41

Tgt Ion: 252 Resp: 3204787
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.9 26.9
 125 9.8 7.3 10.9





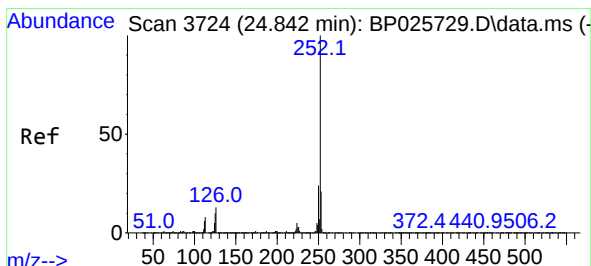
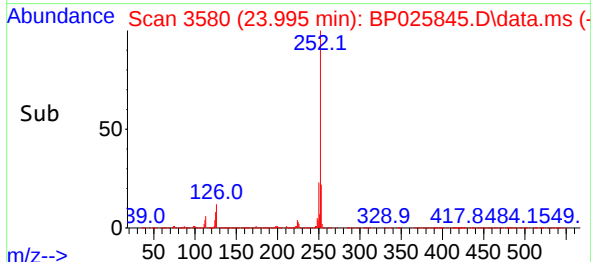
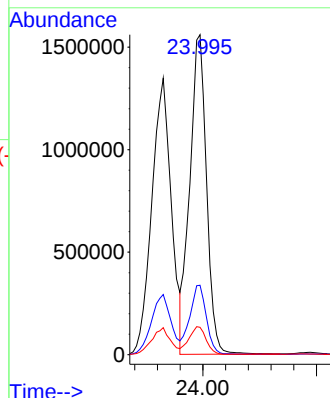
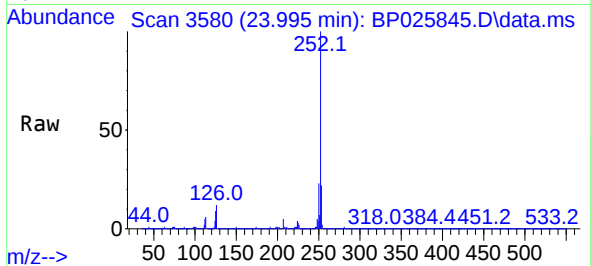
#89
Benzo(k)fluoranthene
Concen: 47.034 ng
RT: 23.995 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:252 Resp: 319618
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.6 7.5 11.3

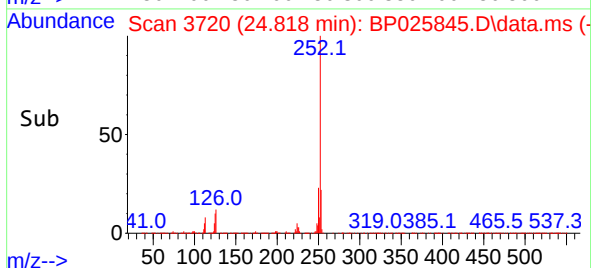
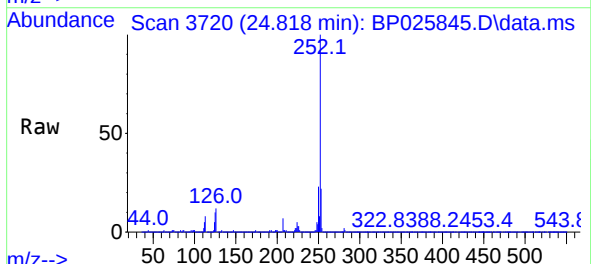
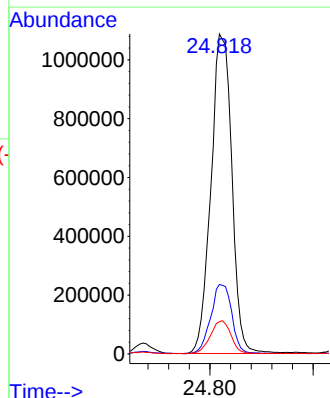
Manual Integrations
APPROVED

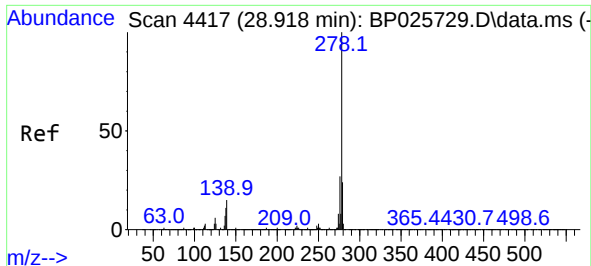
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#90
Benzo(a)pyrene
Concen: 46.823 ng
RT: 24.818 min Scan# 3720
Delta R.T. -0.024 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Tgt Ion:252 Resp: 3053629
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.1 8.3 12.5





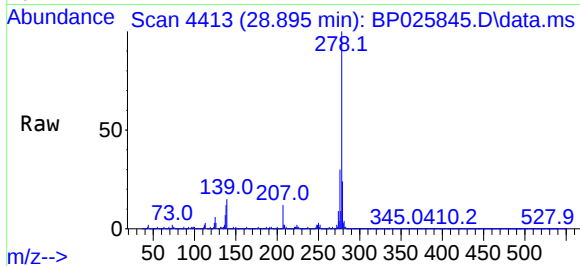
#91
Dibenzo(a,h)anthracene
Concen: 46.958 ng
RT: 28.895 min Scan# 4413
Delta R.T. -0.024 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

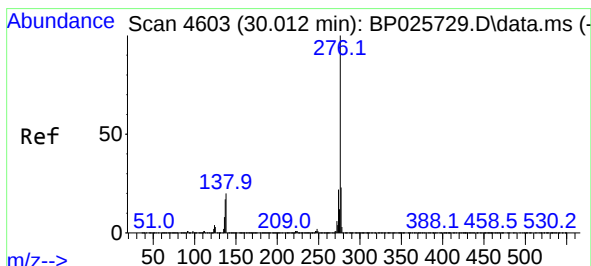
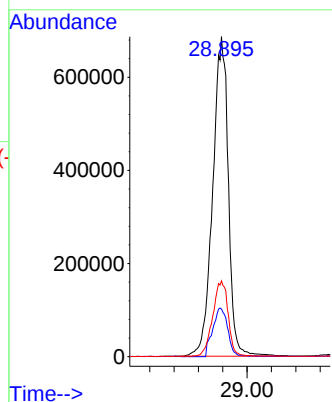
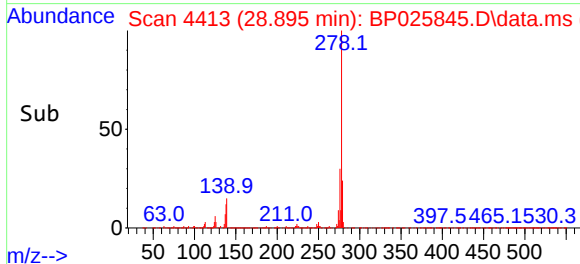


Tgt Ion:278 Resp: 3043235
Ion Ratio Lower Upper
278 100
139 14.9 12.1 18.1
279 23.7 19.6 29.4

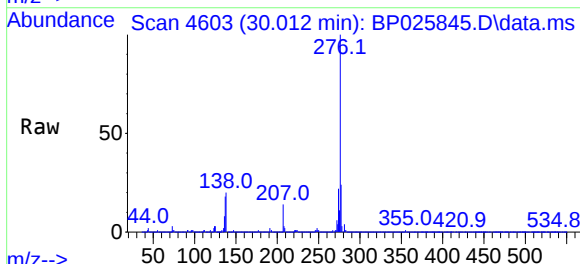
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#92
Benzo(g,h,i)perylene
Concen: 47.979 ng m
RT: 30.012 min Scan# 4603
Delta R.T. -0.000 min
Lab File: BP025845.D
Acq: 24 Sep 2025 14:41



Tgt Ion:276 Resp: 3057868
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 20.2 16.0 24.0

