

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025849.D
 Acq On : 24 Sep 2025 17:27
 Operator : CG/JU
 Sample : Q3159-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-245MSD

Quant Time: Sep 24 17:48:31 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	150985	20.000	ng	-0.02
21) Naphthalene-d8	10.519	136	645546	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	478188	20.000	ng	-0.01
64) Phenanthrene-d10	17.166	188	1037234	20.000	ng	-0.02
76) Chrysene-d12	21.624	240	1040995	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1160188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1167943	124.816	ng	0.00
7) Phenol-d6	6.949	99	1458576	117.272	ng	0.00
23) Nitrobenzene-d5	8.896	82	1054995	72.089	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	853749	143.140	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2503557	69.711	ng	-0.01
79) Terphenyl-d14	19.901	244	4759926	82.258	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	130969	33.348	ng	# 90
3) Pyridine	3.714	79	384767	35.580	ng	93
4) n-Nitrosodimethylamine	3.608	42	189330	37.103	ng	92
6) Aniline	7.084	93	472421	27.670	ng	99
8) 2-Chlorophenol	7.331	128	477271	46.494	ng	98
9) Benzaldehyde	6.902	77	253759	34.040	ng	98
10) Phenol	6.978	94	558300	42.571	ng	96
11) bis(2-Chloroethyl)ether	7.178	93	437899	41.560	ng	97
12) 1,3-Dichlorobenzene	7.637	146	466755	39.951	ng	98
13) 1,4-Dichlorobenzene	7.784	146	481294	40.442	ng	98
14) 1,2-Dichlorobenzene	8.096	146	469356	40.597	ng	98
15) Benzyl Alcohol	7.990	79	477063	46.418	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.260	45	665987	38.650	ng	99
17) 2-Methylphenol	8.202	107	419298	47.421	ng	99
18) Hexachloroethane	8.813	117	176591	38.847	ng	95
19) n-Nitroso-di-n-propyla...	8.543	70	383981	44.263	ng	96
20) 3+4-Methylphenols	8.531	107	570146	46.042	ng	98
22) Acetophenone	8.560	105	818788	47.462	ng	98
24) Nitrobenzene	8.937	77	547817	41.727	ng	96
25) Isophorone	9.460	82	1143703	44.462	ng	99
26) 2-Nitrophenol	9.643	139	273735	46.961	ng	92
27) 2,4-Dimethylphenol	9.713	122	486438	47.569	ng	98
28) bis(2-Chloroethoxy)met...	9.925	93	661390	44.481	ng	99
29) 2,4-Dichlorophenol	10.196	162	505030	49.533	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	481804	41.930	ng	99
31) Naphthalene	10.566	128	1456671	41.848	ng	99
32) Benzoic acid	9.890	122	251511	33.082	ng	97
33) 4-Chloroaniline	10.690	127	189055	13.031	ng	99
34) Hexachlorobutadiene	10.849	225	300253	40.591	ng	99
35) Caprolactam	11.496	113	183615	46.718	ng	88
36) 4-Chloro-3-methylphenol	11.831	107	619015	50.924	ng	97
37) 2-Methylnaphthalene	12.172	142	1021603	45.696	ng	99
38) 1-Methylnaphthalene	12.396	142	1066658	44.741	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	676601	46.693	ng	99
41) Hexachlorocyclopentadiene	12.525	237	457844	58.014	ng	98
43) 2,4,6-Trichlorophenol	12.795	196	452503	47.502	ng	99

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Instrument :
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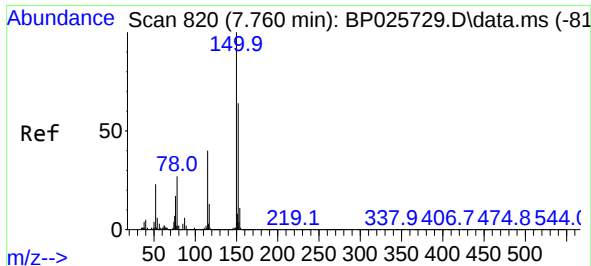
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	513411	48.427	ng	98
46) 1,1'-Biphenyl	13.190	154	1687672	48.083	ng	99
47) 2-Chloronaphthalene	13.237	162	1197506	43.330	ng	99
48) 2-Nitroaniline	13.443	65	439058	47.658	ng	97
49) Acenaphthylene	14.084	152	2094972	45.750	ng	100
50) Dimethylphthalate	13.825	163	1694777	46.422	ng	100
51) 2,6-Dinitrotoluene	13.942	165	381088	49.269	ng	96
52) Acenaphthene	14.431	154	1157463	43.831	ng	99
53) 3-Nitroaniline	14.278	138	222207	27.319	ng	98
54) 2,4-Dinitrophenol	14.501	184	310385	62.821	ng	95
55) Dibenzofuran	14.772	168	1922737	44.674	ng	98
56) 4-Nitrophenol	14.642	139	521276	74.733	ng	94
57) 2,4-Dinitrotoluene	14.742	165	562467	51.097	ng	95
58) Fluorene	15.431	166	1569329	45.855	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	492372	51.556	ng	95
60) Diethylphthalate	15.201	149	1778056	48.014	ng	99
61) 4-Chlorophenyl-phenyle...	15.425	204	795001	46.092	ng	96
62) 4-Nitroaniline	15.460	138	420600	50.475	ng	96
63) Azobenzene	15.719	77	1643925	45.910	ng	97
65) 4,6-Dinitro-2-methylph...	15.525	198	284850	41.295	ng	92
66) n-Nitrosodiphenylamine	15.642	169	1476551	46.517	ng	99
67) 4-Bromophenyl-phenylether	16.331	248	546270	47.940	ng	99
68) Hexachlorobenzene	16.454	284	613440	48.275	ng	95
69) Atrazine	16.619	200	603812	49.765	ng	97
70) Pentachlorophenol	16.819	266	788852	94.059	ng	99
71) Phenanthrene	17.207	178	2724134	46.299	ng	99
72) Anthracene	17.307	178	2833340	47.461	ng	100
73) Carbazole	17.583	167	2666782	48.049	ng	100
74) Di-n-butylphthalate	18.172	149	3367792	49.446	ng	99
75) Fluoranthene	19.301	202	3265093	46.270	ng	100
77) Benzidine	19.507	184	1158586	38.637	ng	100
78) Pyrene	19.677	202	3442157	49.556	ng	99
80) Butylbenzylphthalate	20.624	149	1550443	50.908	ng	98
81) Benzo(a)anthracene	21.601	228	3343813	46.919	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	872446	35.404	ng	99
83) Chrysene	21.677	228	3154974	46.440	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2275342	51.065	ng	98
85) Di-n-octyl phthalate	22.813	149	3949392	49.828	ng	98
87) Indeno(1,2,3-cd)pyrene	28.824	276	4158636m	49.290	ng	
88) Benzo(b)fluoranthene	23.924	252	3317387	46.758	ng	99
89) Benzo(k)fluoranthene	23.989	252	3406768	47.056	ng	99
90) Benzo(a)pyrene	24.836	252	3239085	46.620	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	3446264	49.914	ng	99
92) Benzo(g,h,i)perylene	30.018	276	3153303	46.441	ng	99

(#) = 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: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

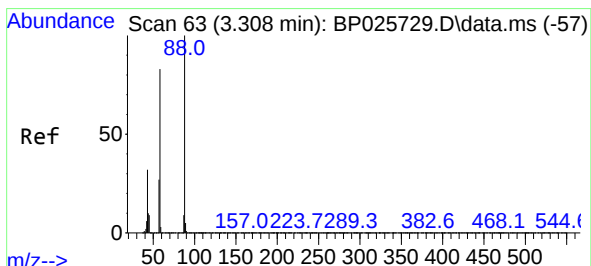
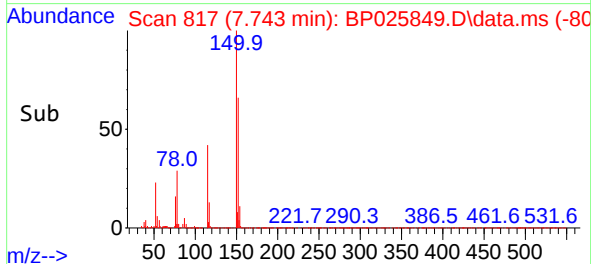
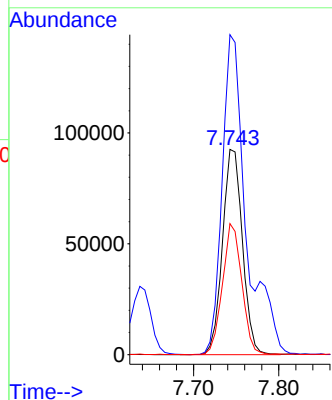
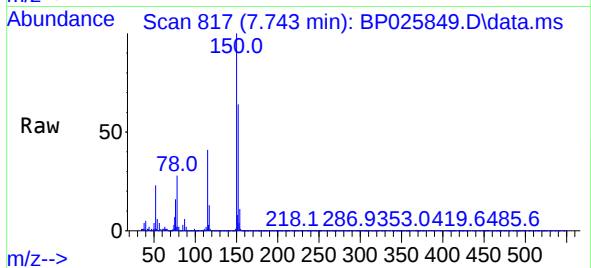
VNJ-245MSD

Tgt Ion:152 Resp: 150985
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 63.8 50.3 75.5

Manual Integrations

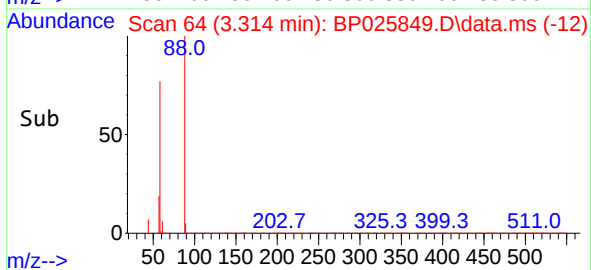
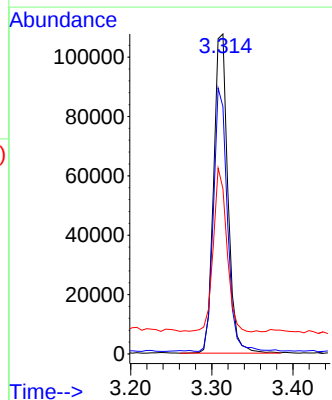
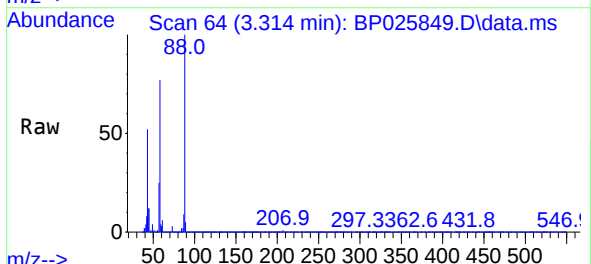
APPROVED

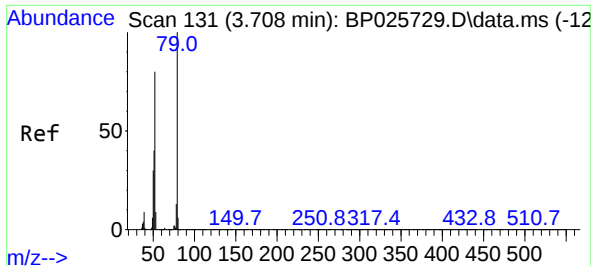
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#2
1,4-Dioxane
Concen: 33.348 ng
RT: 3.314 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

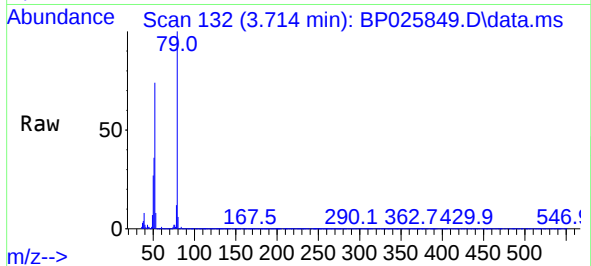
Tgt Ion: 88 Resp: 130969
Ion Ratio Lower Upper
88 100
58 80.2 65.5 98.3
43 48.6 25.2 37.8





#3
Pyridine
Concen: 35.580 ng
RT: 3.714 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

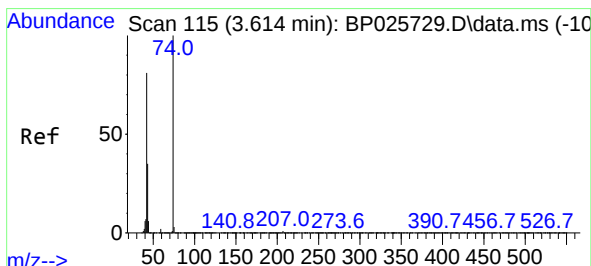
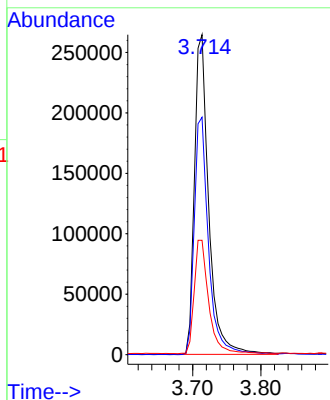
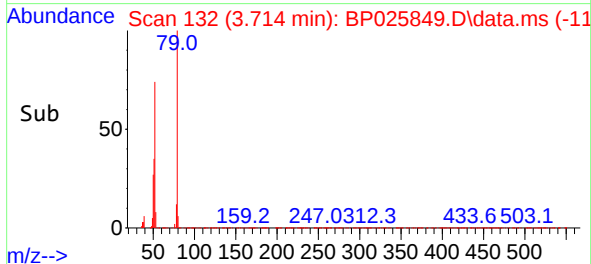
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



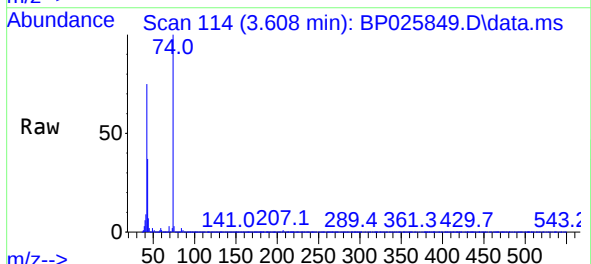
Tgt Ion: 79 Resp: 38476
Ion Ratio Lower Upper
79 100
52 74.2 63.7 95.5
51 35.8 32.4 48.6

Manual Integrations
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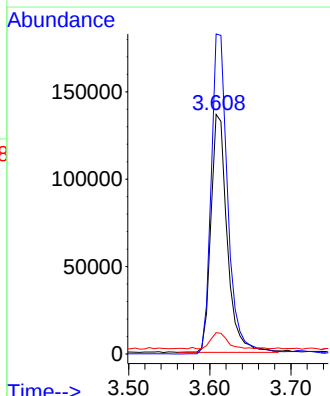
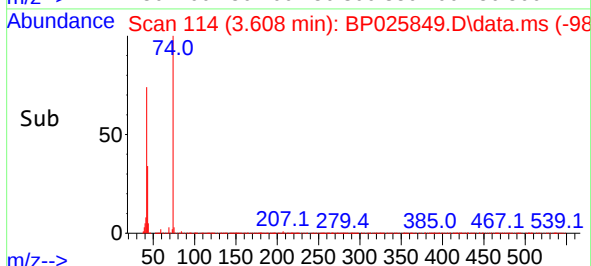
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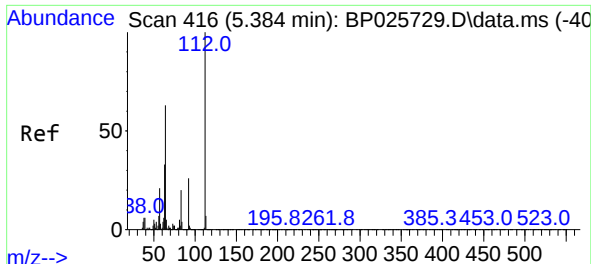


#4
n-Nitrosodimethylamine
Concen: 37.103 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion: 42 Resp: 189330
Ion Ratio Lower Upper
42 100
74 133.6 99.2 148.8
44 8.9 6.4 9.6





#5
2-Fluorophenol
Concen: 124.816 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

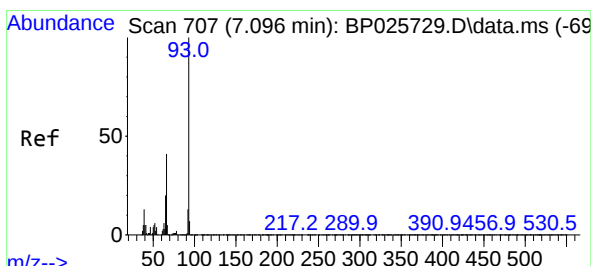
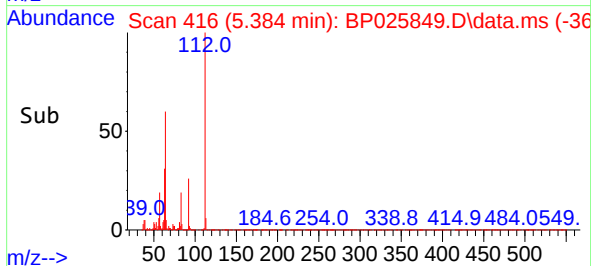
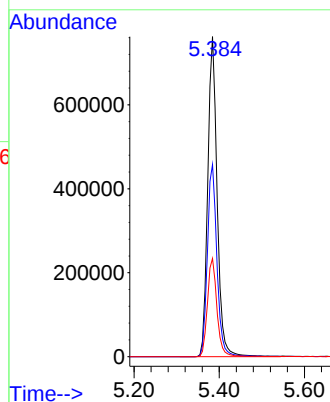
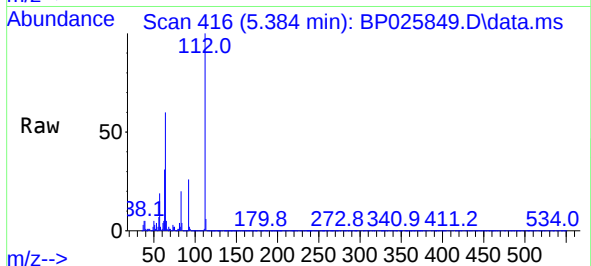
VNJ-245MSD

Tgt Ion:112 Resp: 116794
Ion Ratio Lower Upper
112 100
64 60.1 50.2 75.4
63 30.7 26.7 40.1

Manual Integrations

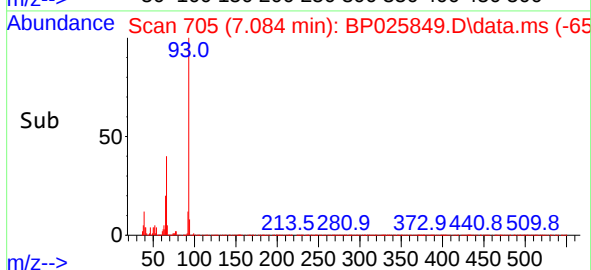
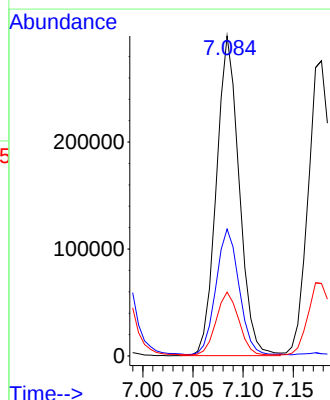
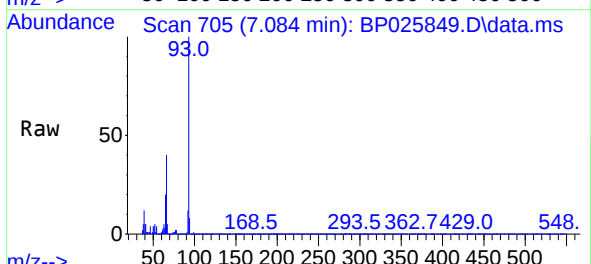
APPROVED

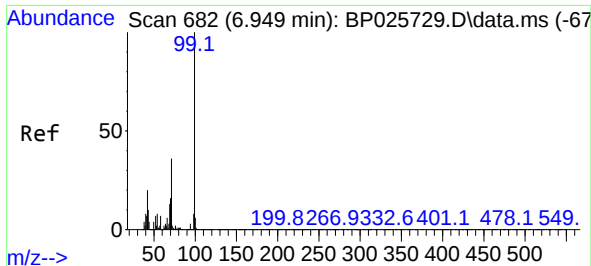
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#6
Aniline
Concen: 27.670 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

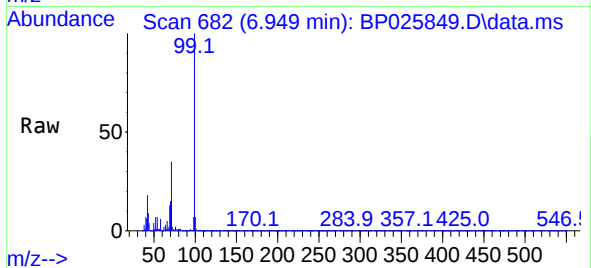
Tgt Ion: 93 Resp: 472421
Ion Ratio Lower Upper
93 100
66 39.6 32.6 49.0
65 20.0 16.2 24.2





#7
Phenol-d6
Concen: 117.272 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

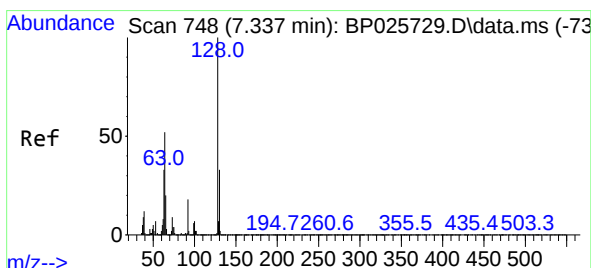
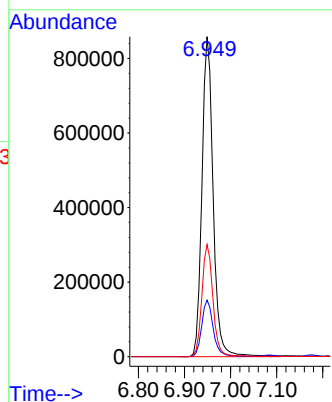
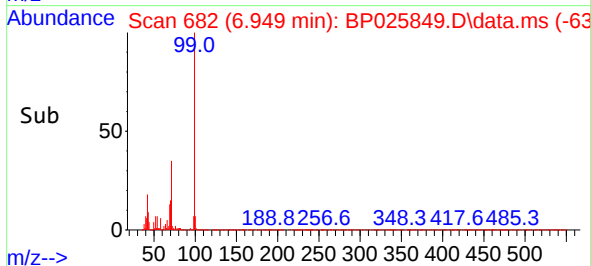
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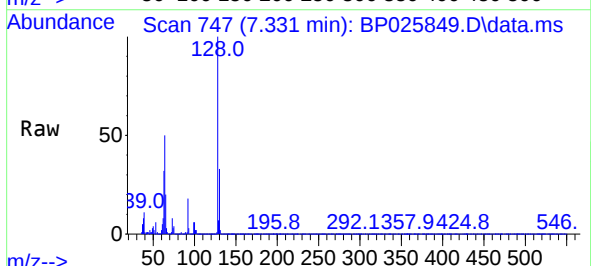
Tgt Ion: 99 Resp: 1458570
Ion Ratio Lower Upper
99 100
42 17.6 15.6 23.4
71 35.1 28.6 43.0

Manual Integrations
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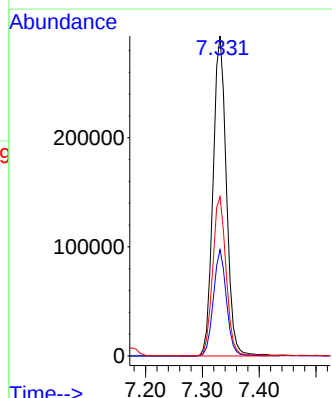
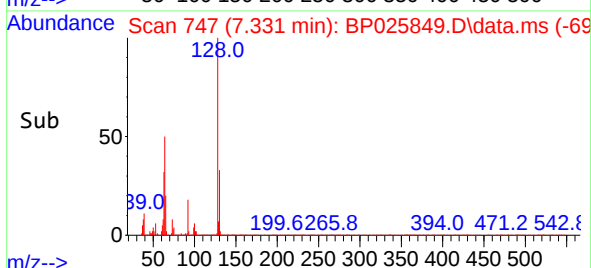
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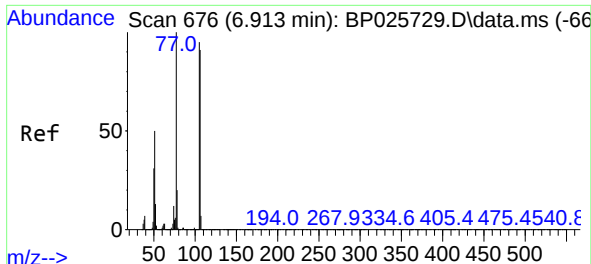


#8
2-Chlorophenol
Concen: 46.494 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion:128 Resp: 477271
Ion Ratio Lower Upper
128 100
130 33.2 12.6 52.6
64 49.8 31.6 71.6





#9
Benzaldehyde
Concen: 34.040 ng
RT: 6.902 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

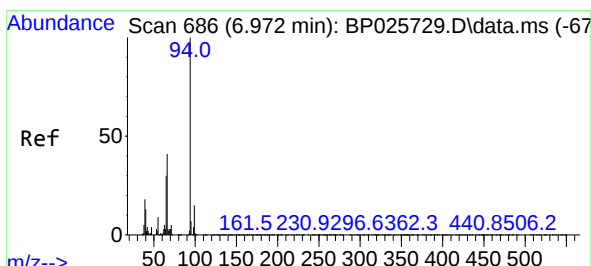
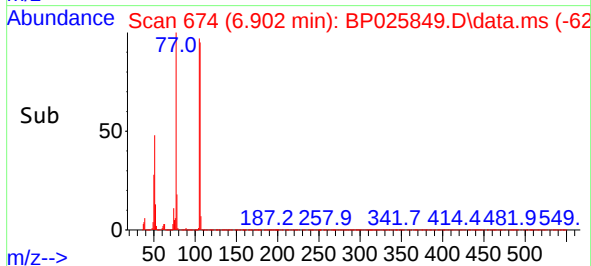
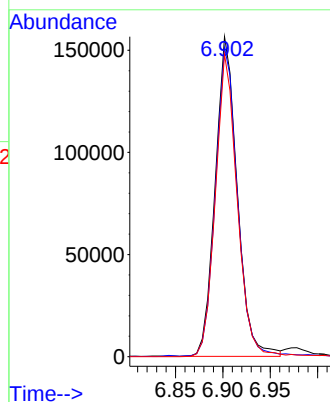
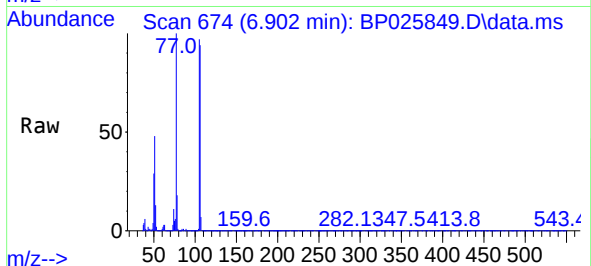
VNJ-245MSD

Tgt Ion: 77 Resp: 253759
Ion Ratio Lower Upper
77 100
105 96.7 75.2 115.2
106 94.5 71.3 111.3

Manual Integrations

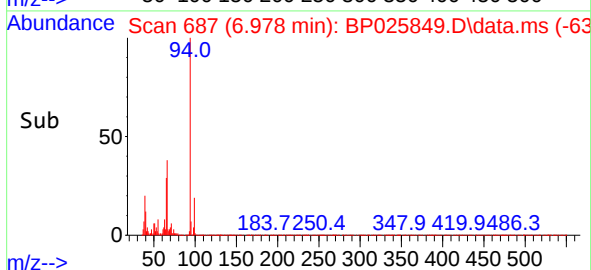
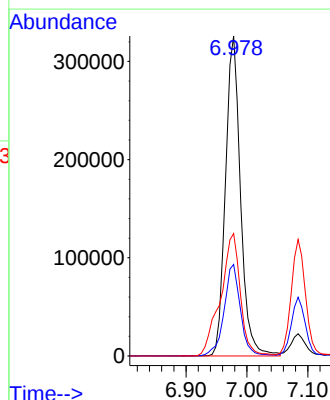
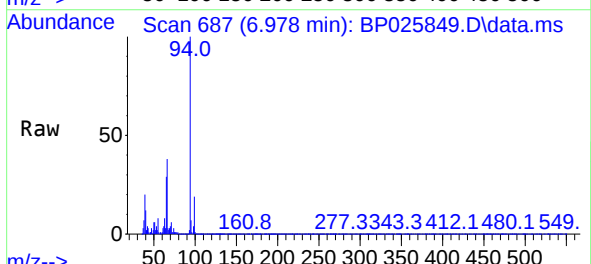
APPROVED

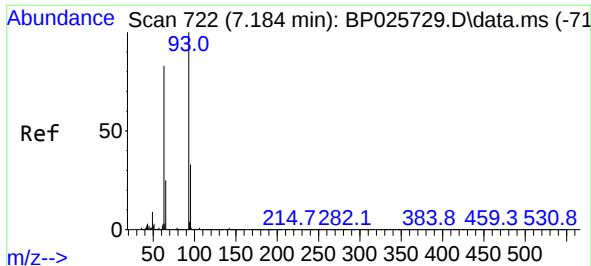
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#10
Phenol
Concen: 42.571 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

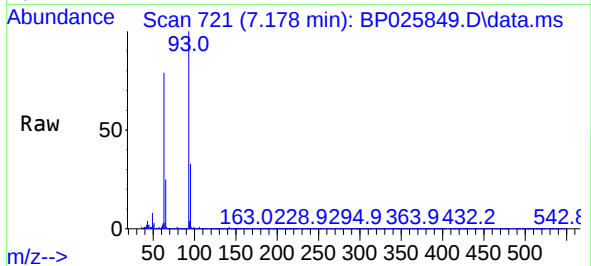
Tgt Ion: 94 Resp: 558300
Ion Ratio Lower Upper
94 100
65 28.6 10.2 50.2
66 38.3 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 41.560 ng
RT: 7.178 min Scan# 719
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

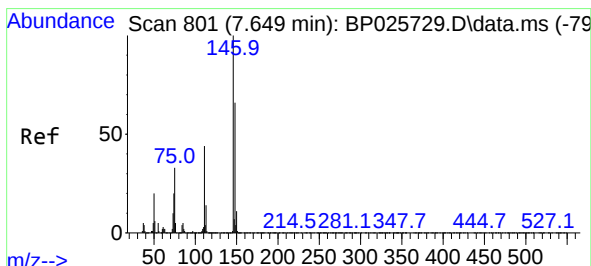
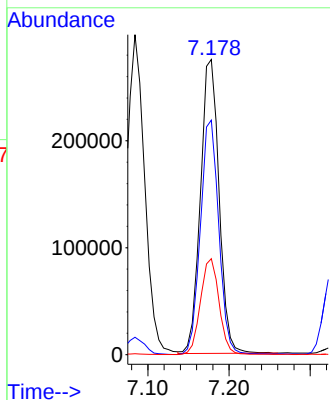
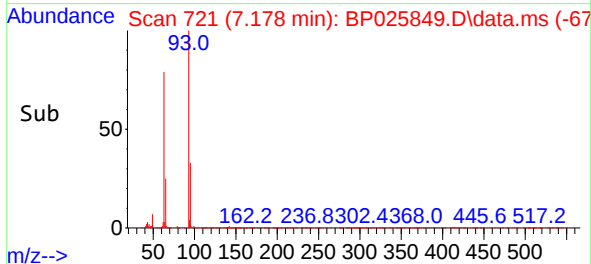
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



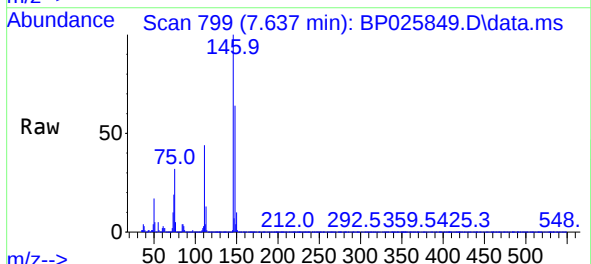
Tgt Ion: 93 Resp: 437899
Ion Ratio Lower Upper
93 100
63 79.5 62.6 102.6
95 32.5 13.2 53.2

Manual Integrations
APPROVED

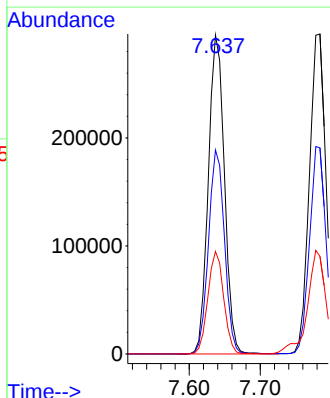
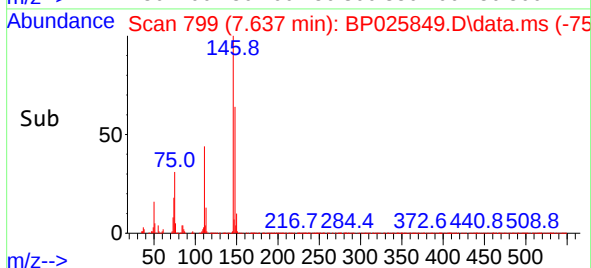
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

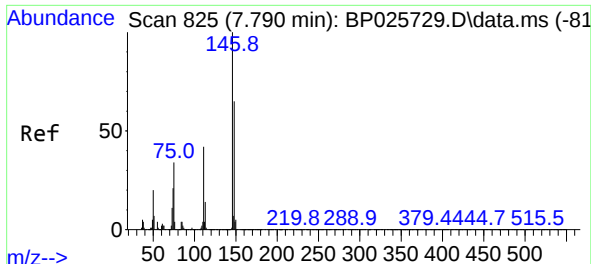


#12
1,3-Dichlorobenzene
Concen: 39.951 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



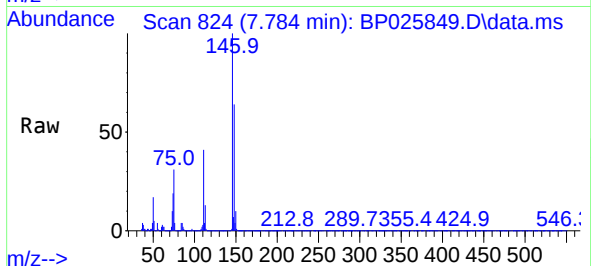
Tgt Ion:146 Resp: 466755
Ion Ratio Lower Upper
146 100
148 64.0 52.7 79.1
75 32.2 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 40.442 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

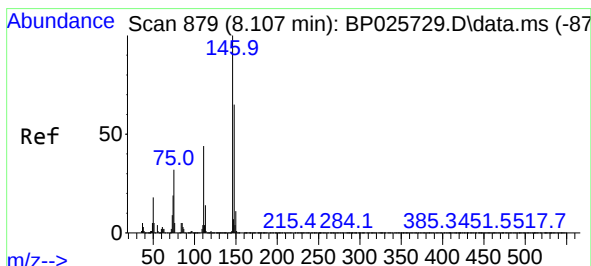
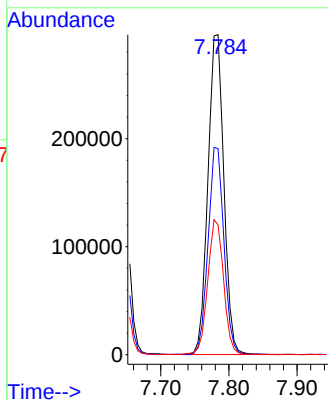
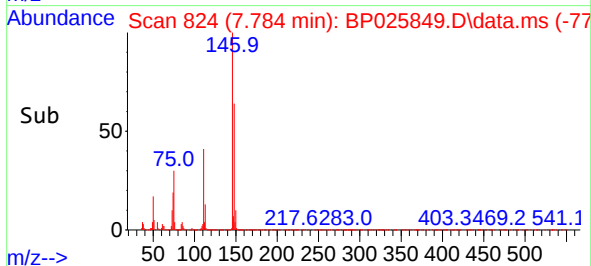
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



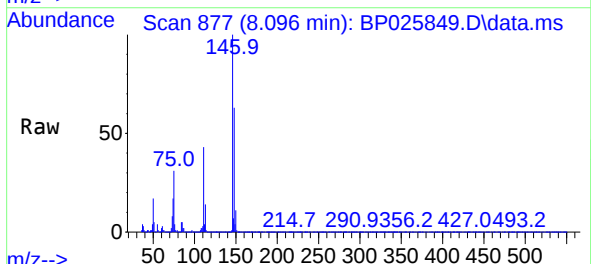
Tgt Ion:146 Resp: 481294
Ion Ratio Lower Upper
146 100
148 64.4 52.0 78.0
111 40.5 33.9 50.9

Manual Integrations
APPROVED

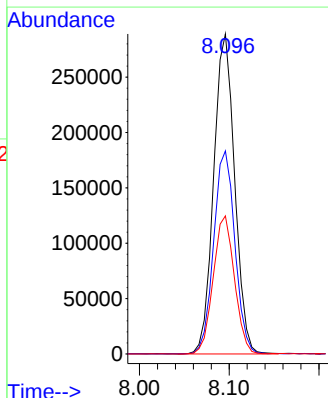
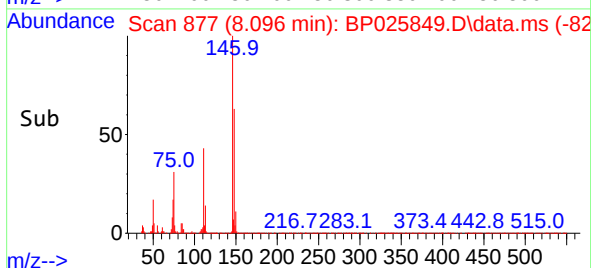
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

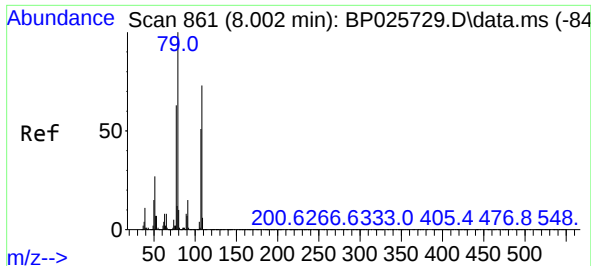


#14
1,2-Dichlorobenzene
Concen: 40.597 ng
RT: 8.096 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



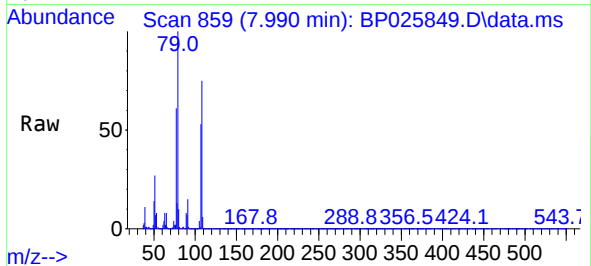
Tgt Ion:146 Resp: 469356
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
111 43.1 35.5 53.3





#15
Benzyl Alcohol
Concen: 46.418 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

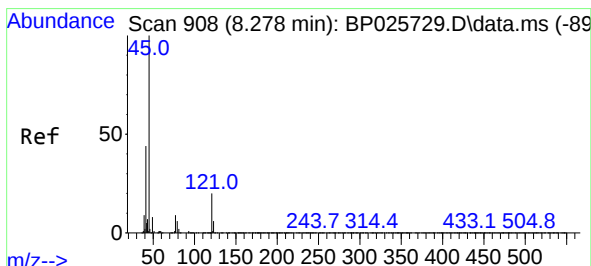
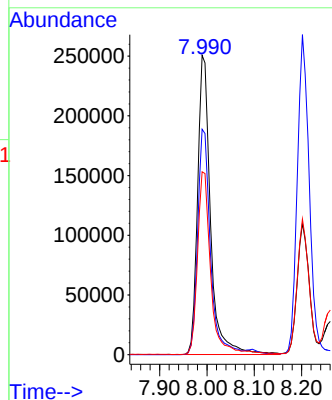
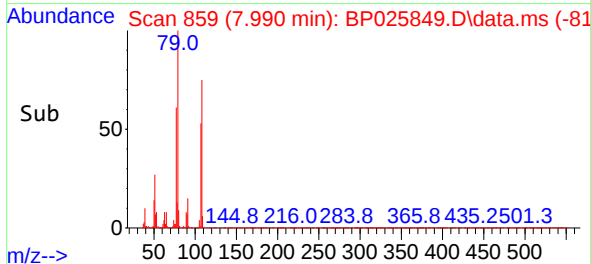
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion: 79 Resp: 47706
Ion Ratio Lower Upper
79 100
108 75.3 58.7 88.1
77 61.1 50.2 75.2

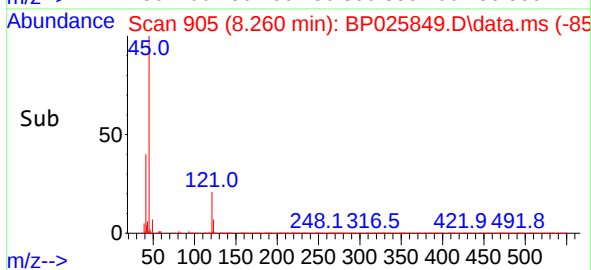
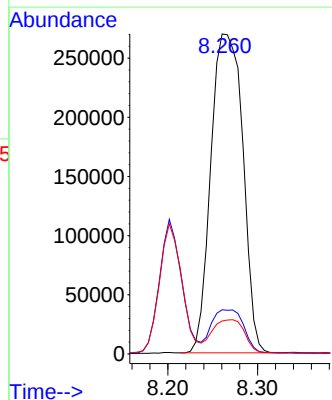
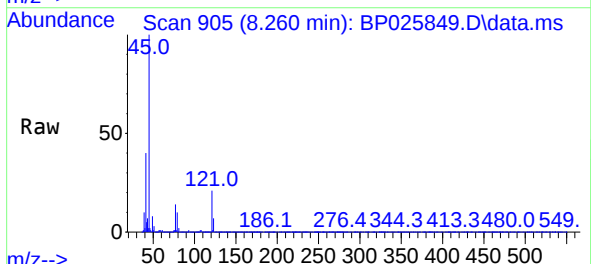
Manual Integrations
APPROVED

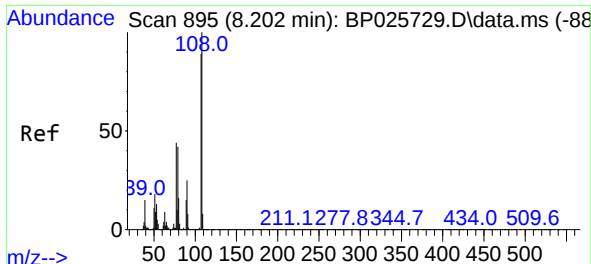
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.650 ng
RT: 8.260 min Scan# 905
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion: 45 Resp: 665987
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.1
79 10.3 0.0 30.0





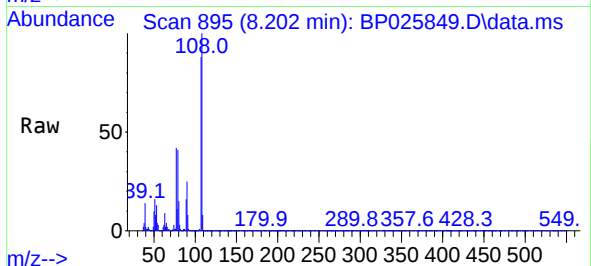
#17
2-Methylphenol
Concen: 47.421 ng
RT: 8.202 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD



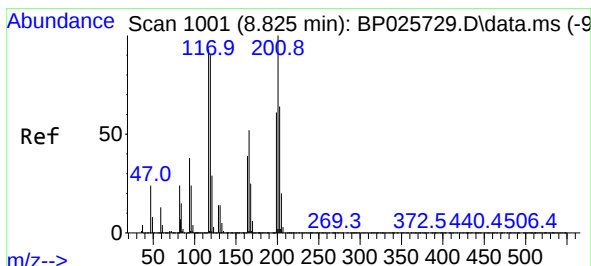
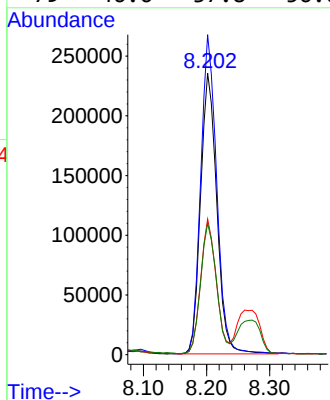
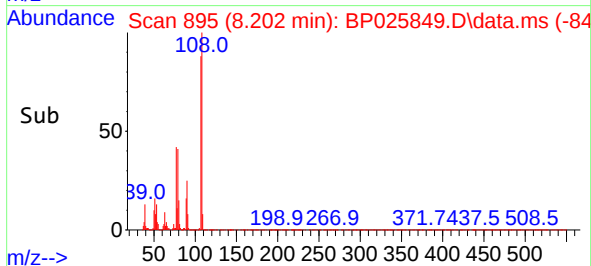
Tgt Ion:107 Resp: 419298
Ion Ratio Lower Upper
107 100
108 113.7 89.6 134.4
77 48.2 39.3 58.9
79 46.6 37.8 56.6

Manual Integrations

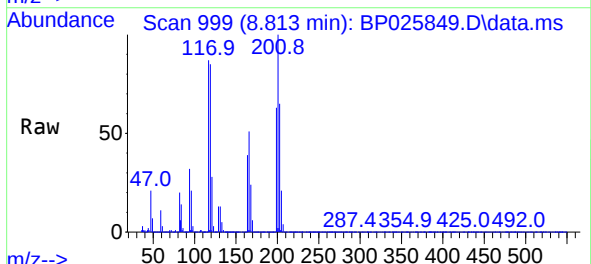
APPROVED

Reviewed By :Rahul Chavli 09/25/2025

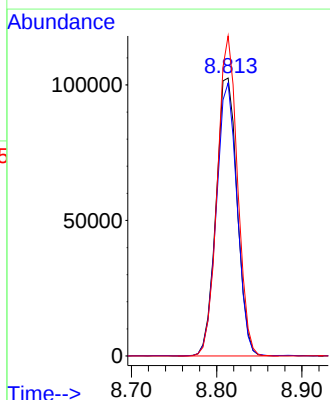
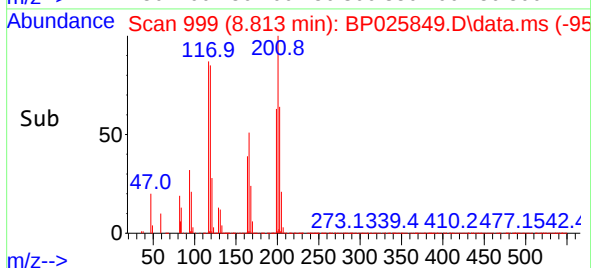
Supervised By :Jagrut Upadhyay 09/25/2025

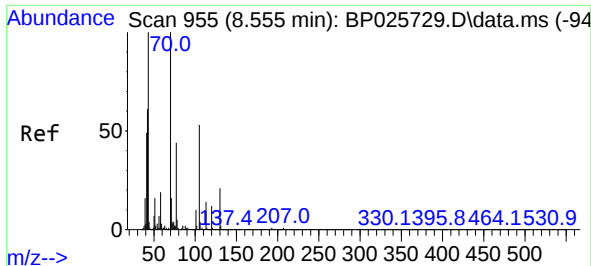


#18
Hexachloroethane
Concen: 38.847 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion:117 Resp: 176591
Ion Ratio Lower Upper
117 100
119 98.2 77.1 115.7
201 115.1 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.263 ng

RT: 8.543 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025849.D

Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

Tgt Ion: 70 Resp: 38398

Ion Ratio Lower Upper

70 100

42 57.0 49.0 73.4

101 10.0 7.9 11.9

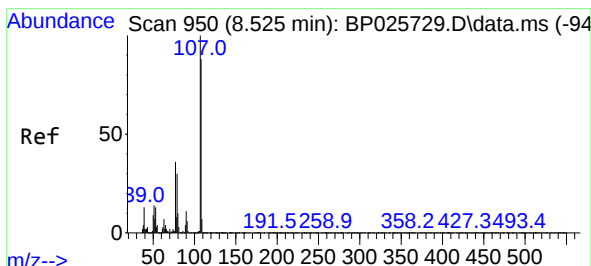
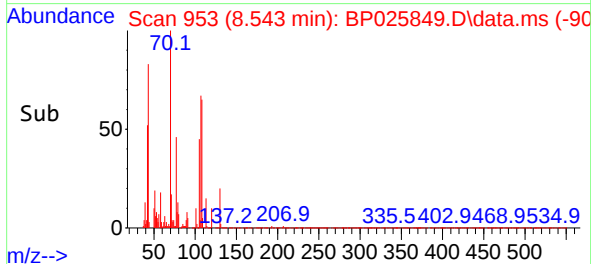
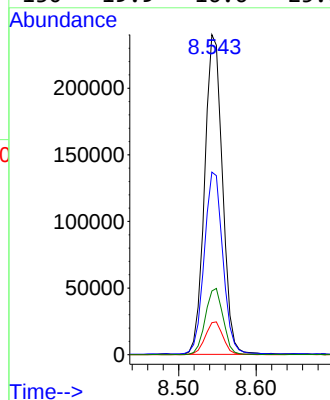
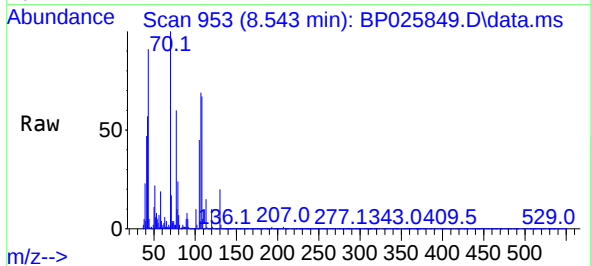
130 19.9 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/25/2025

Supervised By :Jagrut Upadhyay 09/25/2025



#20

3+4-Methylphenols

Concen: 46.042 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025849.D

Acq: 24 Sep 2025 17:27

Tgt Ion:107 Resp: 570146

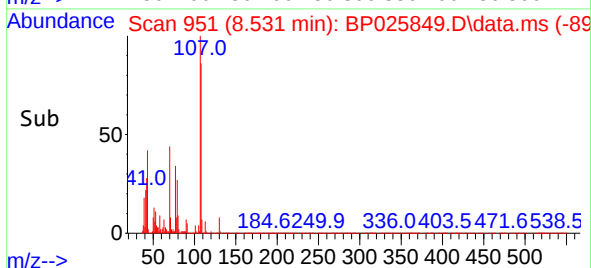
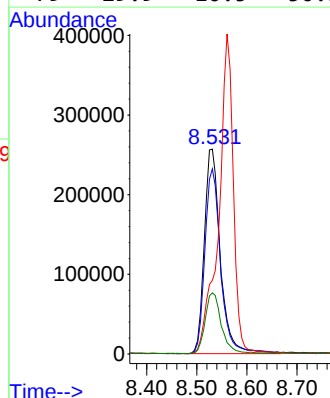
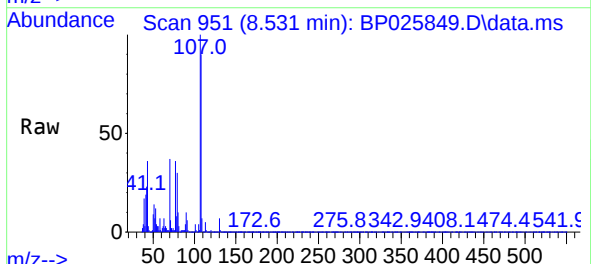
Ion Ratio Lower Upper

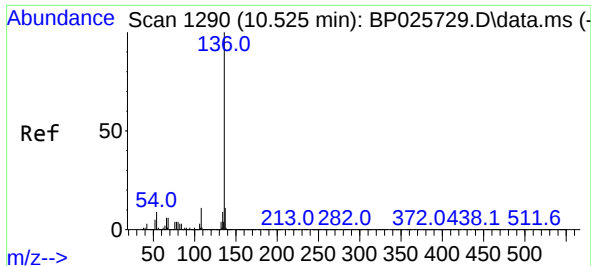
107 100

108 90.4 67.8 107.8

77 36.0 16.1 56.1

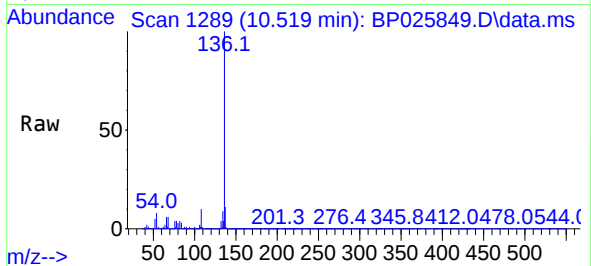
79 29.9 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

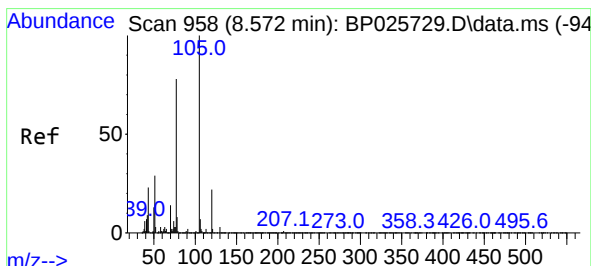
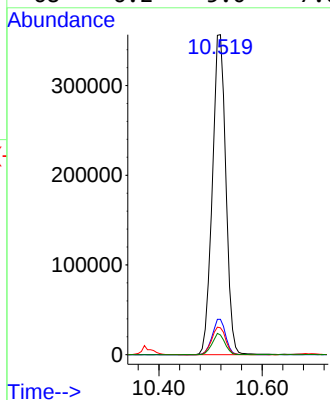
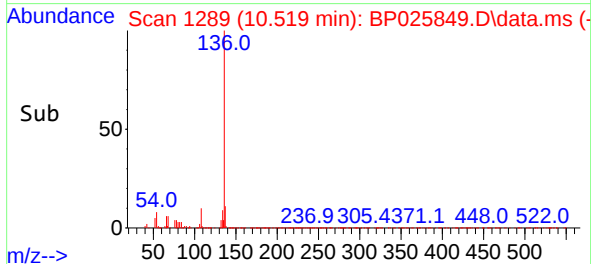
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:136 Resp: 645540
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.4 7.5 11.3
68 6.2 5.0 7.6

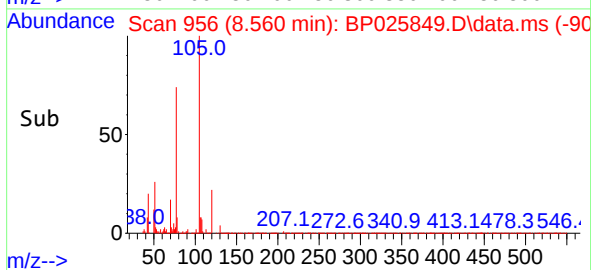
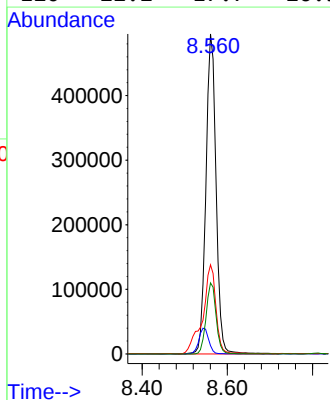
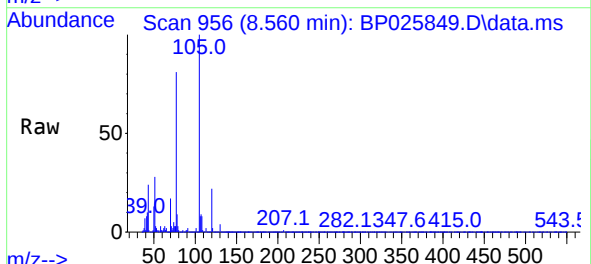
Manual Integrations
APPROVED

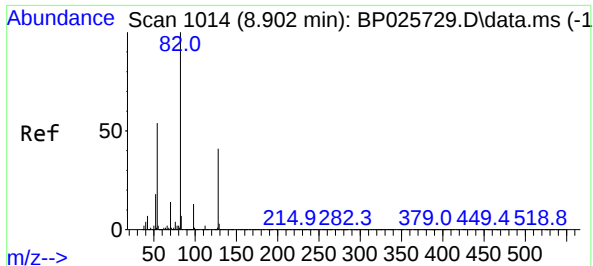
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#22
Acetophenone
Concen: 47.462 ng
RT: 8.560 min Scan# 956
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

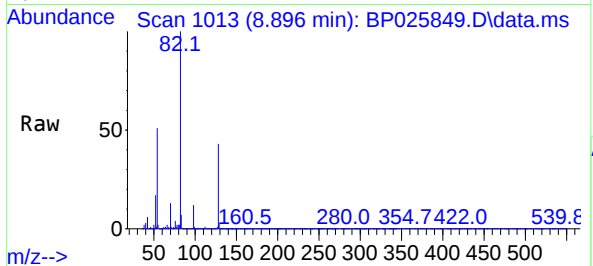
Tgt Ion:105 Resp: 818788
Ion Ratio Lower Upper
105 100
71 2.6 1.8 2.8
51 27.8 23.5 35.3
120 22.2 17.7 26.5





#23
Nitrobenzene-d5
Concen: 72.089 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

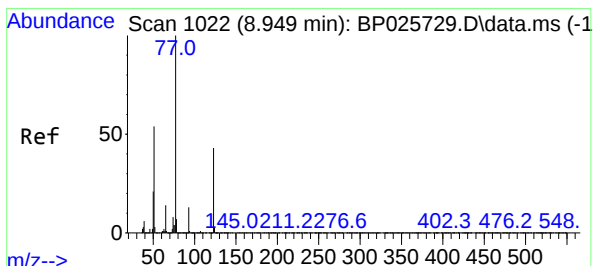
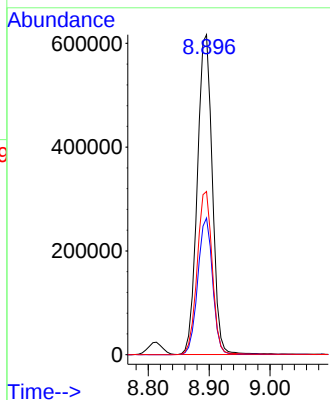
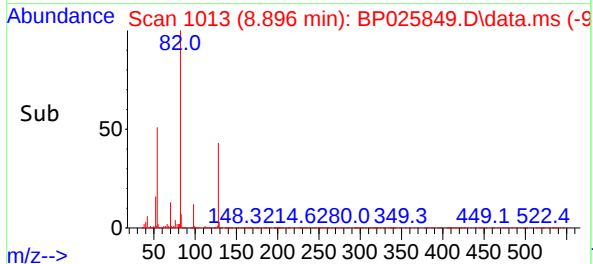
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



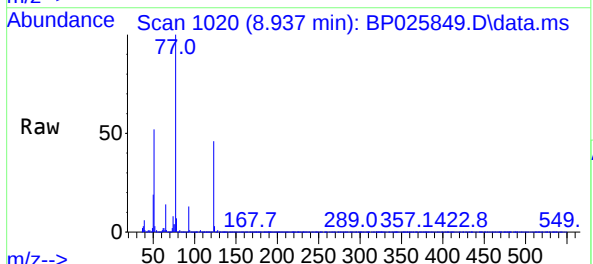
Tgt Ion: 82 Resp: 105499
Ion Ratio Lower Upper
82 100
128 42.7 32.9 49.3
54 51.0 43.4 65.2

Manual Integrations
APPROVED

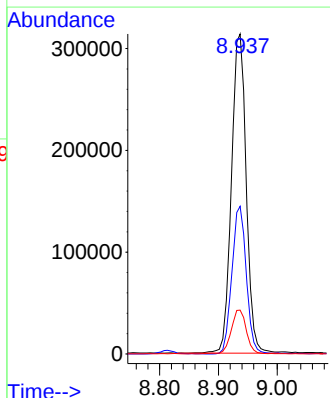
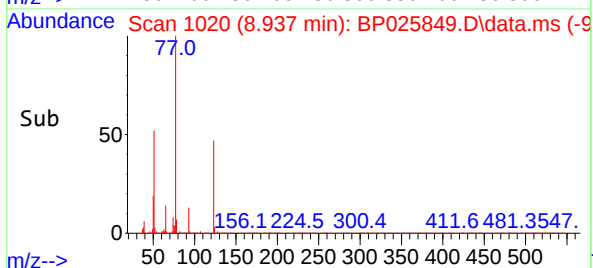
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

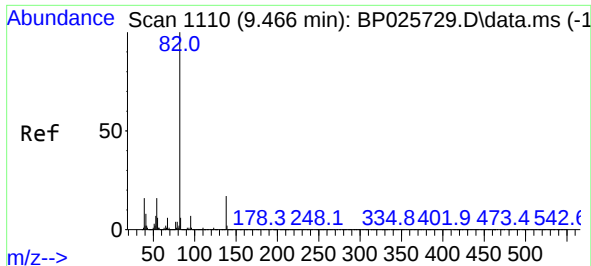


#24
Nitrobenzene
Concen: 41.727 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



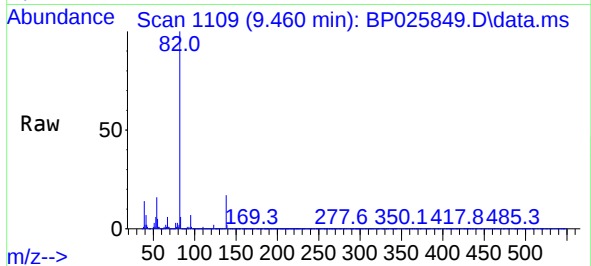
Tgt Ion: 77 Resp: 547817
Ion Ratio Lower Upper
77 100
123 46.1 34.4 51.6
65 13.7 10.8 16.2





#25
Isophorone
Concen: 44.462 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

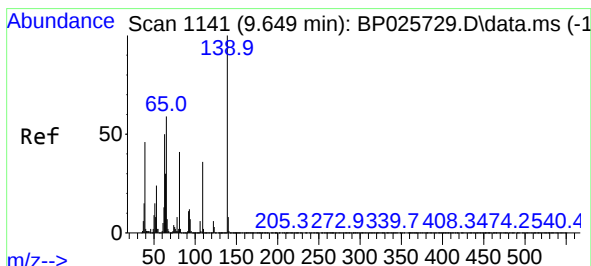
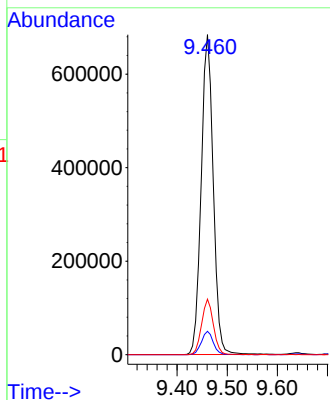
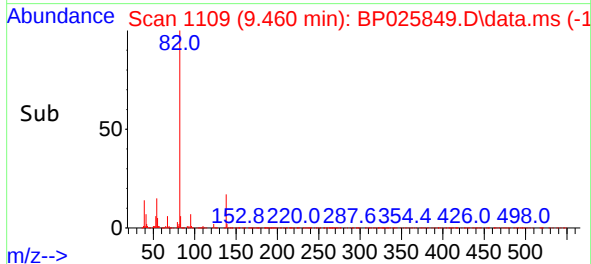
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion: 82 Resp: 114370
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.3 13.5 20.3

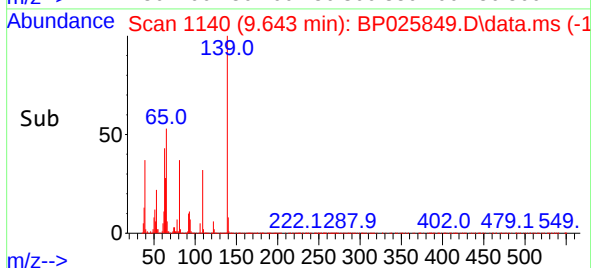
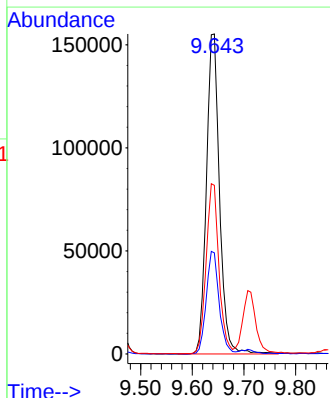
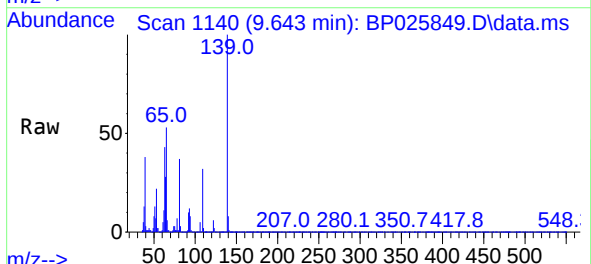
Manual Integrations
APPROVED

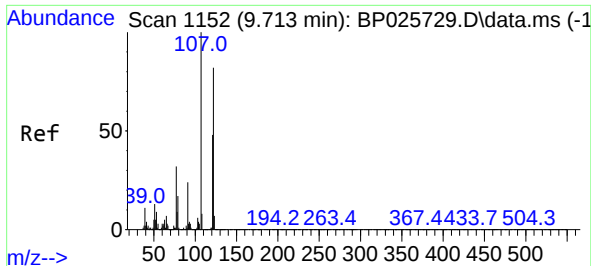
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#26
2-Nitrophenol
Concen: 46.961 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:139 Resp: 273735
Ion Ratio Lower Upper
139 100
109 31.6 29.0 43.4
65 52.7 46.9 70.3





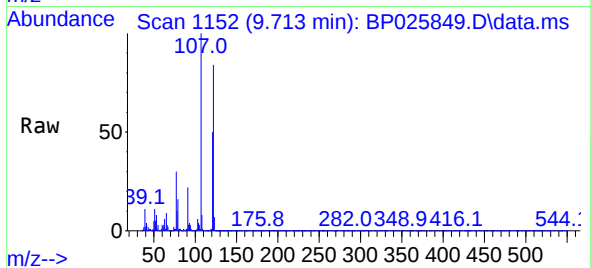
#27
2,4-Dimethylphenol
Concen: 47.569 ng
RT: 9.713 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD



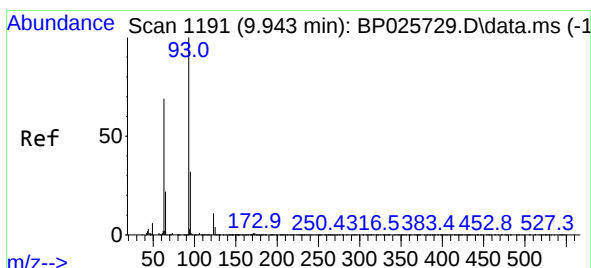
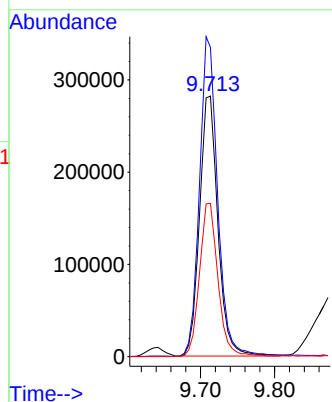
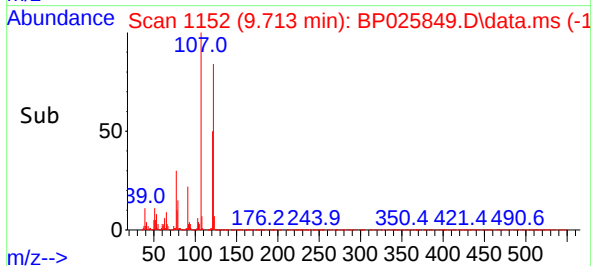
Tgt Ion: 122 Resp: 486438
Ion Ratio Lower Upper
122 100
107 118.6 97.9 146.9
121 58.8 47.4 71.0

Manual Integrations

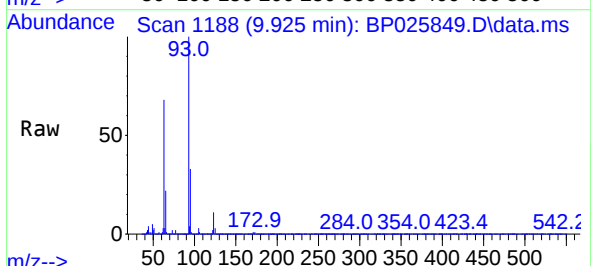
APPROVED

Reviewed By :Rahul Chavli 09/25/2025

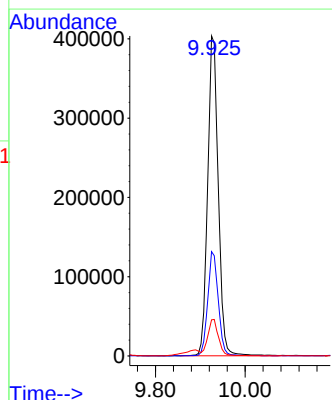
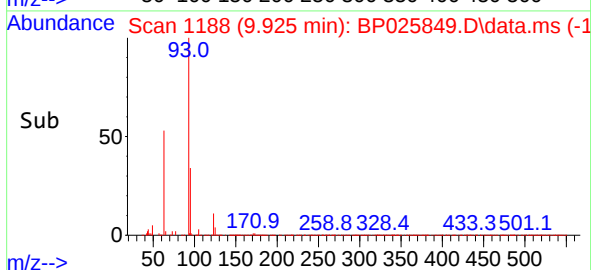
Supervised By :Jagrut Upadhyay 09/25/2025

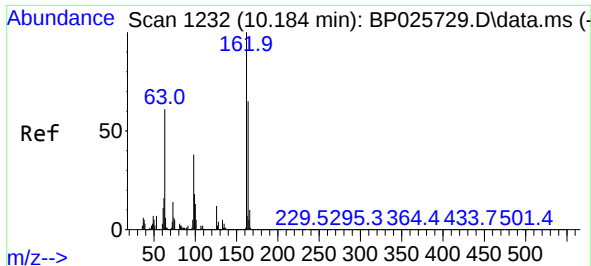


#28
bis(2-Chloroethoxy)methane
Concen: 44.481 ng
RT: 9.925 min Scan# 1188
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



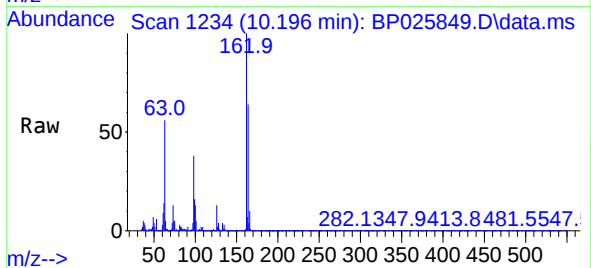
Tgt Ion: 93 Resp: 661390
Ion Ratio Lower Upper
93 100
95 32.6 25.6 38.4
123 11.3 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 49.533 ng
RT: 10.196 min Scan# 1232
Delta R.T. 0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

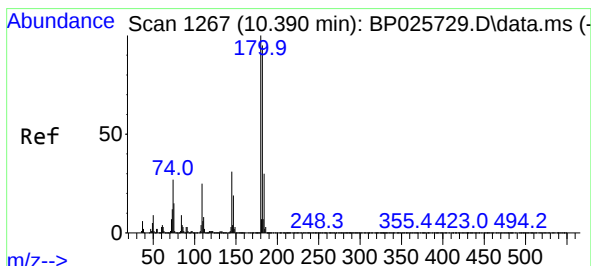
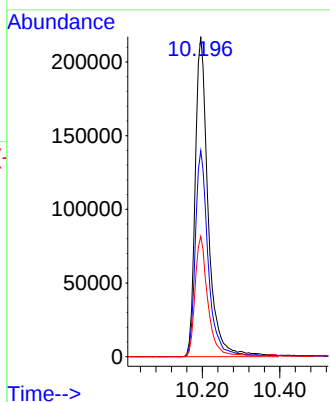
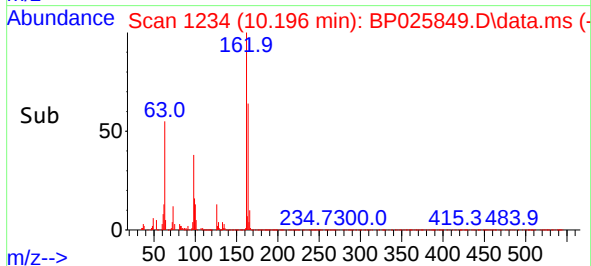
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



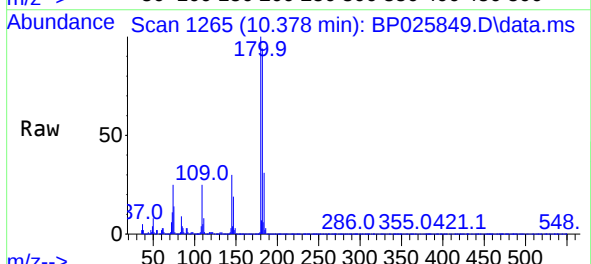
Tgt Ion:162 Resp: 505030
Ion Ratio Lower Upper
162 100
164 64.4 44.7 84.7
98 37.6 18.1 58.1

Manual Integrations
APPROVED

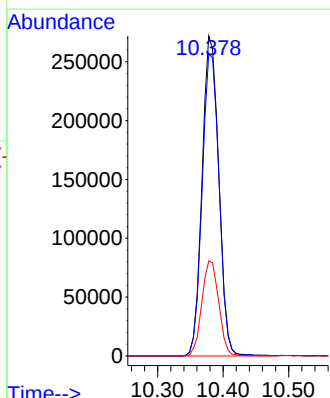
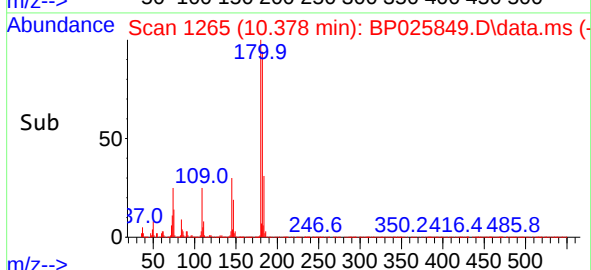
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

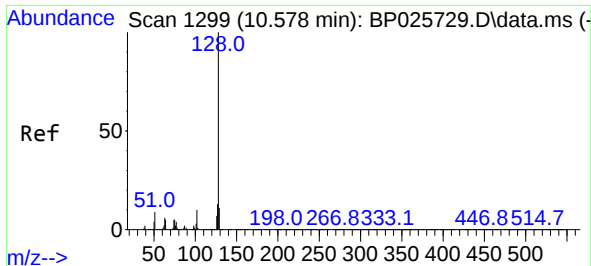


#30
1,2,4-Trichlorobenzene
Concen: 41.930 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion:180 Resp: 481804
Ion Ratio Lower Upper
180 100
182 94.4 76.0 114.0
145 29.7 24.7 37.1





#31
Naphthalene
Concen: 41.848 ng
RT: 10.566 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

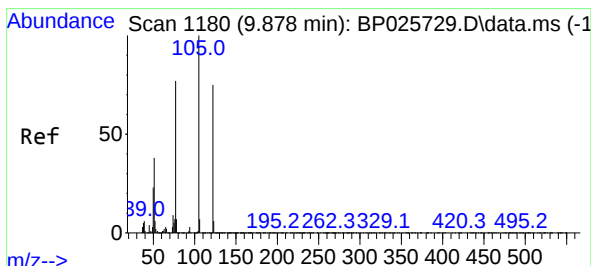
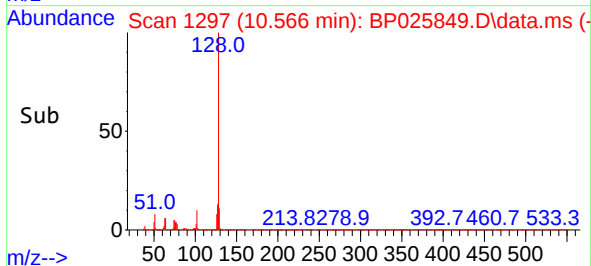
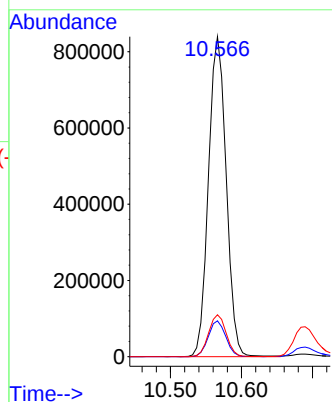
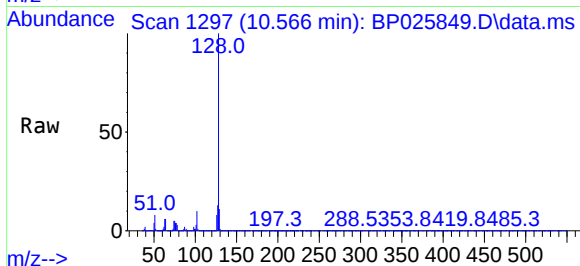
VNJ-245MSD

Tgt Ion:128 Resp: 145667
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.1 10.2 15.4

Manual Integrations

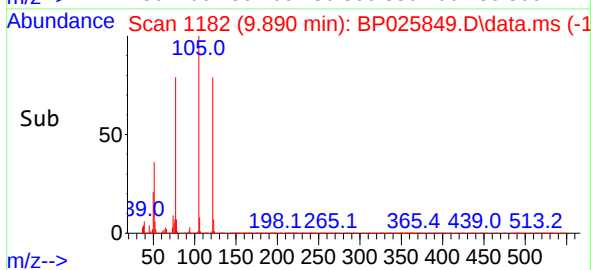
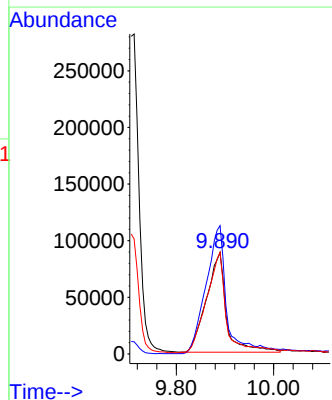
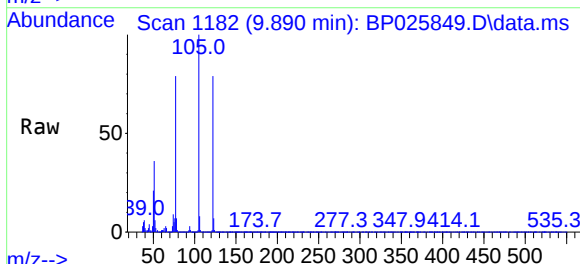
APPROVED

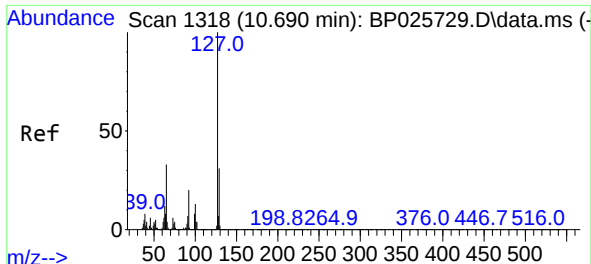
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#32
Benzoic acid
Concen: 33.082 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

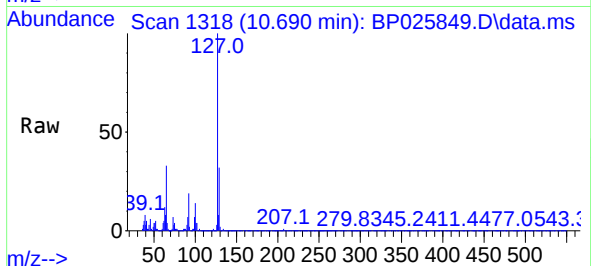
Tgt Ion:122 Resp: 251511
Ion Ratio Lower Upper
122 100
105 126.5 111.5 151.5
77 100.2 81.8 121.8





#33
4-Chloroaniline
Concen: 13.031 ng
RT: 10.690 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

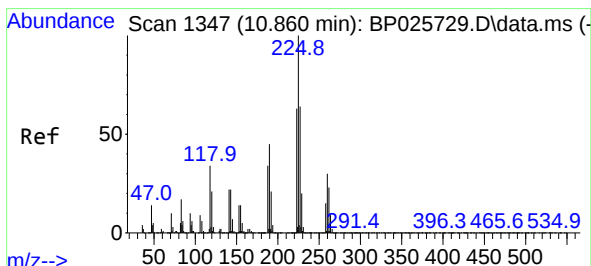
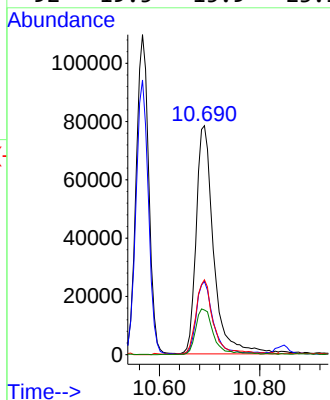
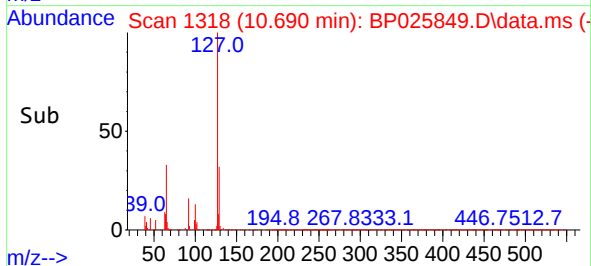
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



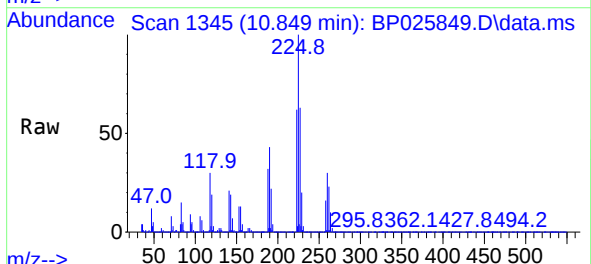
Tgt Ion:127 Resp: 18905
Ion Ratio Lower Upper
127 100
129 32.0 25.1 37.7
65 32.7 26.4 39.6
92 19.5 15.9 23.9

Manual Integrations
APPROVED

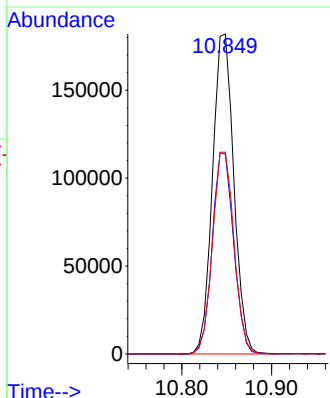
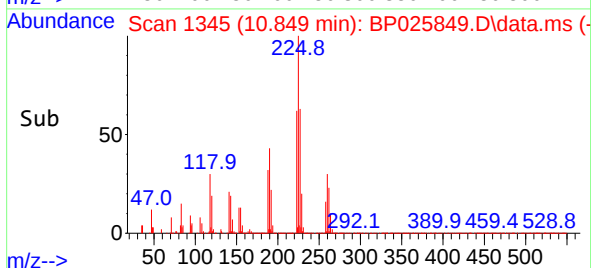
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

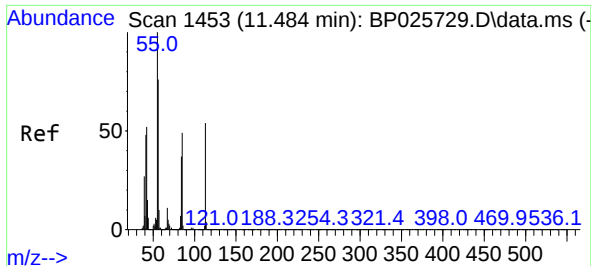


#34
Hexachlorobutadiene
Concen: 40.591 ng
RT: 10.849 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



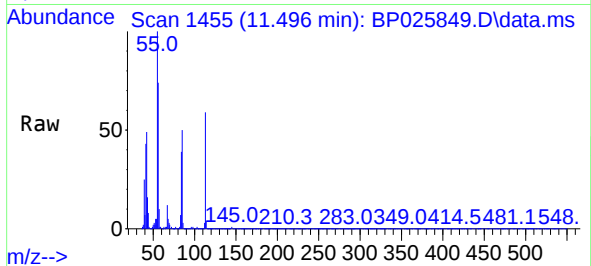
Tgt Ion:225 Resp: 300253
Ion Ratio Lower Upper
225 100
223 62.4 50.1 75.1
227 63.1 51.2 76.8





#35
Caprolactam
Concen: 46.718 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

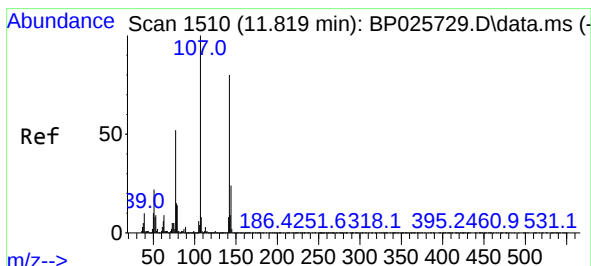
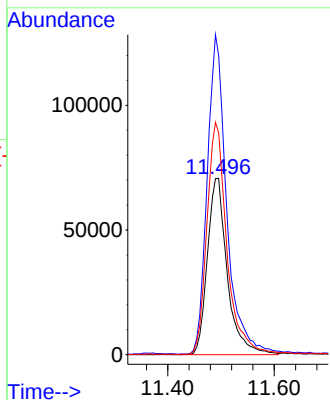
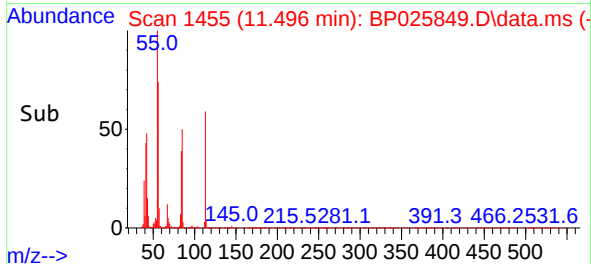
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



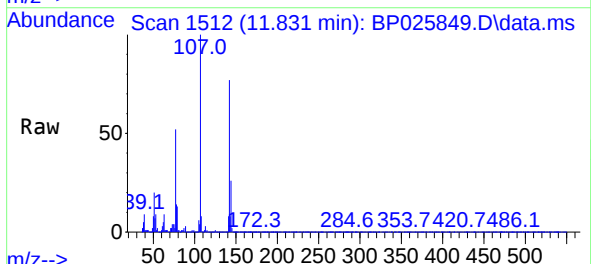
Tgt Ion:113 Resp: 183615
Ion Ratio Lower Upper
113 100
55 169.4 165.5 205.5
56 125.8 121.1 161.1

Manual Integrations
APPROVED

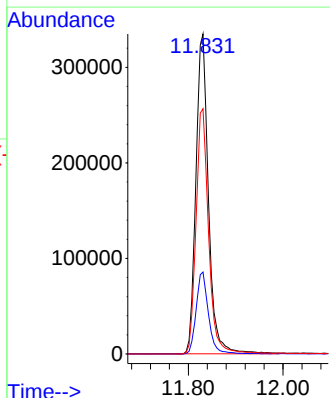
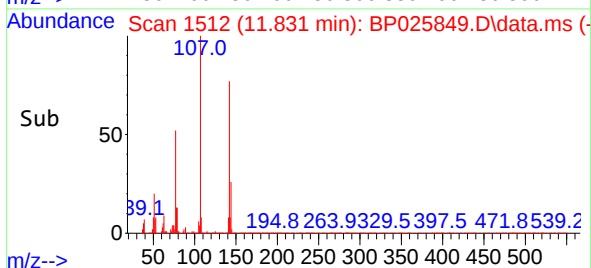
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

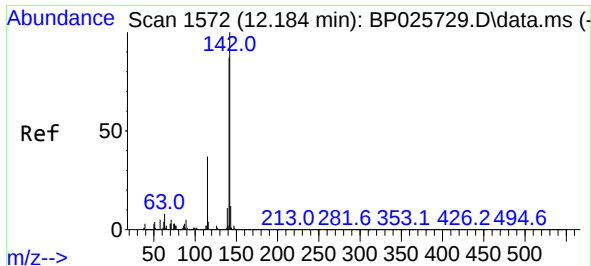


#36
4-Chloro-3-methylphenol
Concen: 50.924 ng
RT: 11.831 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion:107 Resp: 619015
Ion Ratio Lower Upper
107 100
144 25.6 19.4 29.2
142 76.7 63.8 95.6





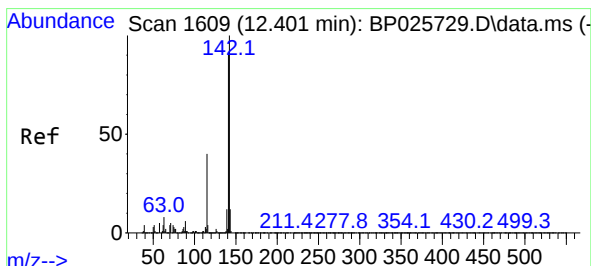
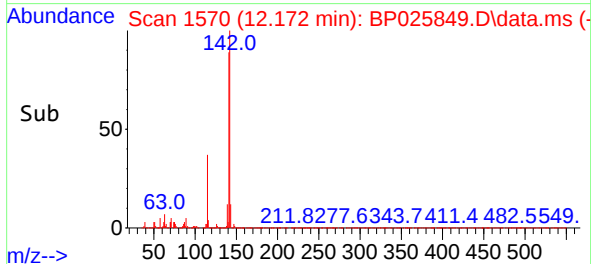
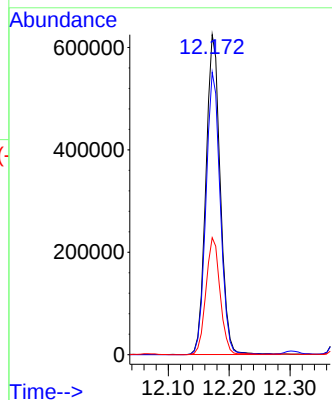
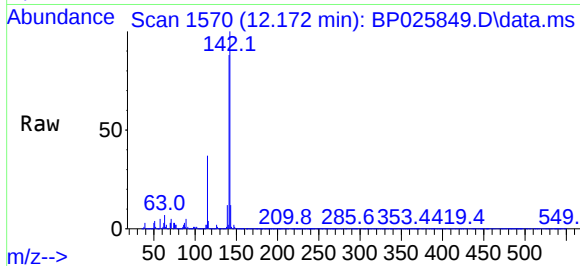
#37
2-Methylnaphthalene
Concen: 45.696 ng
RT: 12.172 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:142 Resp: 1021600
Ion Ratio Lower Upper
142 100
141 88.2 69.6 104.4
115 36.5 30.0 45.0

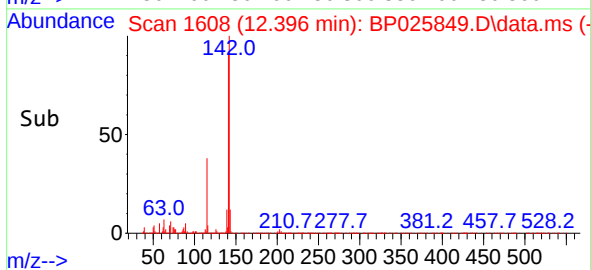
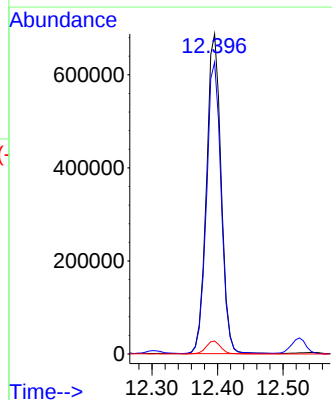
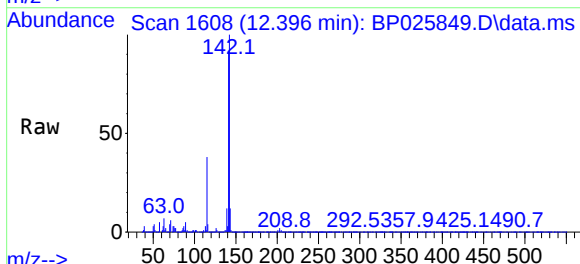
Manual Integrations
APPROVED

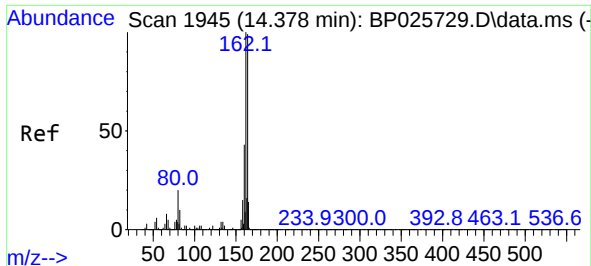
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#38
1-Methylnaphthalene
Concen: 44.741 ng
RT: 12.396 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

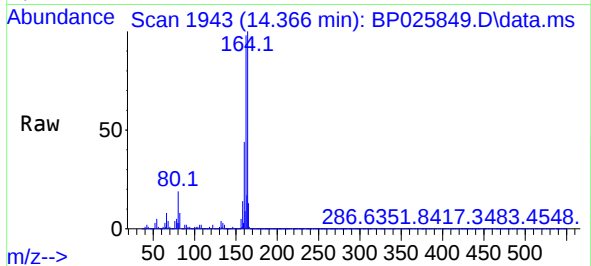
Tgt Ion:142 Resp: 1066658
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1
116 4.0 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

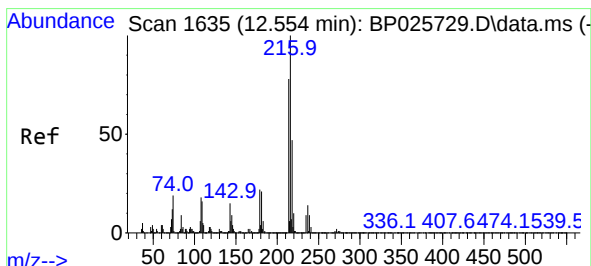
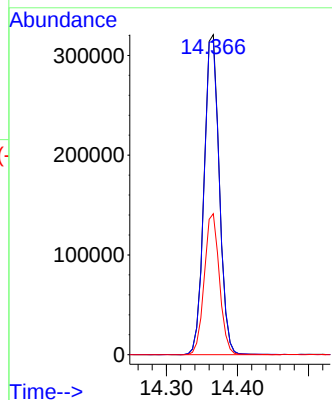
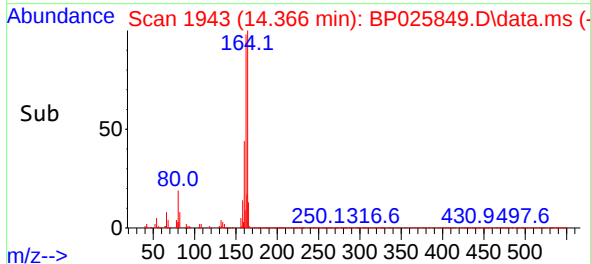
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



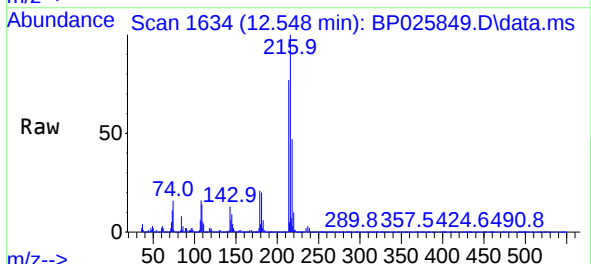
Tgt Ion:164 Resp: 478188
Ion Ratio Lower Upper
164 100
162 98.0 80.6 120.8
160 44.0 35.0 52.6

Manual Integrations
APPROVED

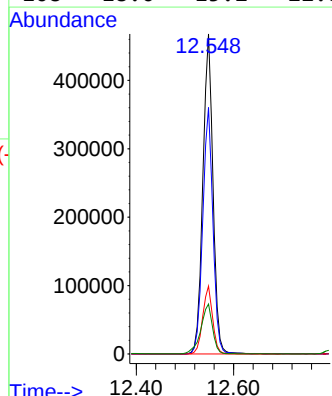
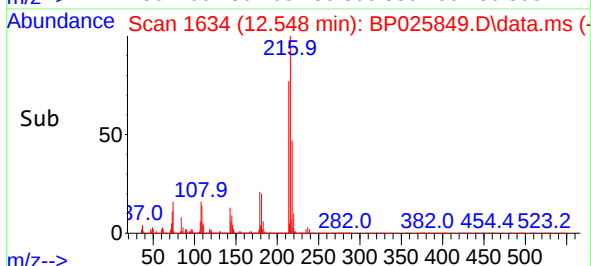
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

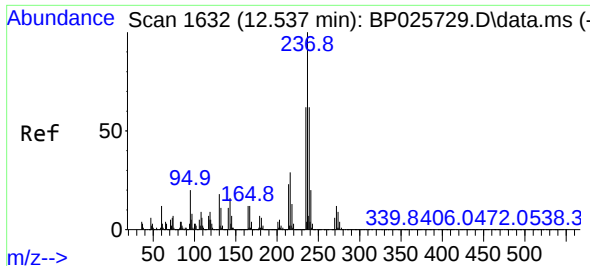


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.693 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



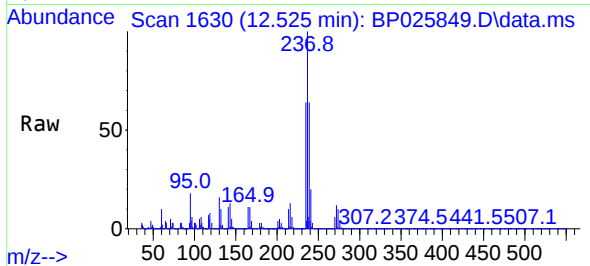
Tgt Ion:216 Resp: 676601
Ion Ratio Lower Upper
216 100
214 77.3 62.4 93.6
179 20.8 17.0 25.6
108 18.0 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 58.014 ng
RT: 12.525 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

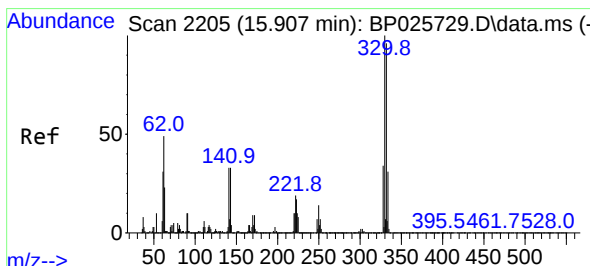
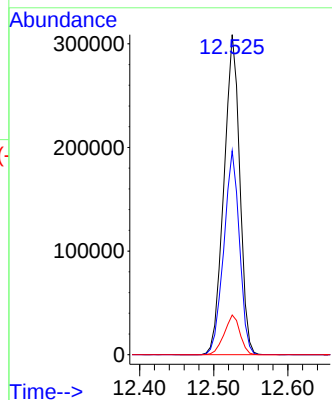
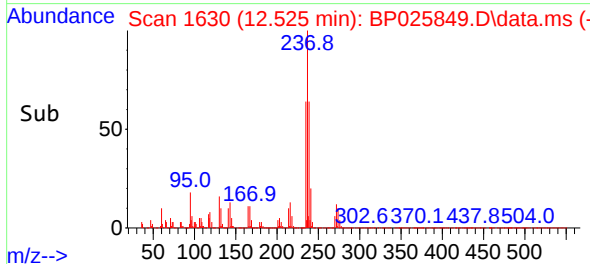
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



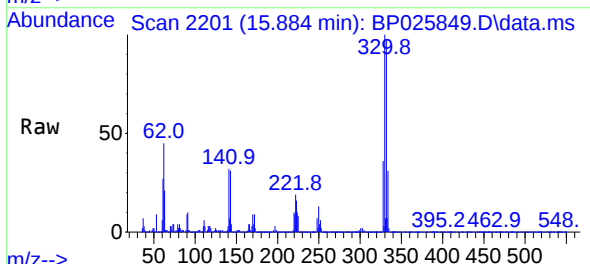
Tgt Ion:237 Resp: 45784
Ion Ratio Lower Upper
237 100
235 63.7 41.9 81.9
272 12.4 0.0 31.8

Manual Integrations
APPROVED

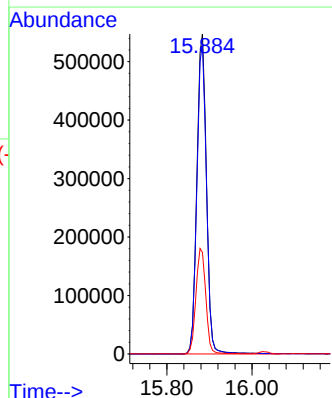
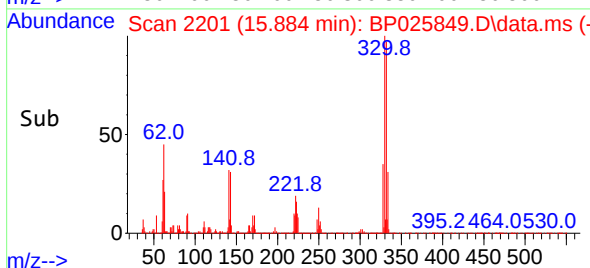
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

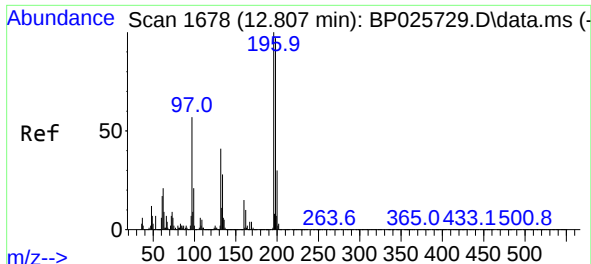


#42
2,4,6-Tribromophenol
Concen: 143.140 ng
RT: 15.884 min Scan# 2201
Delta R.T. -0.024 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion:330 Resp: 853749
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 34.0 31.0 46.4





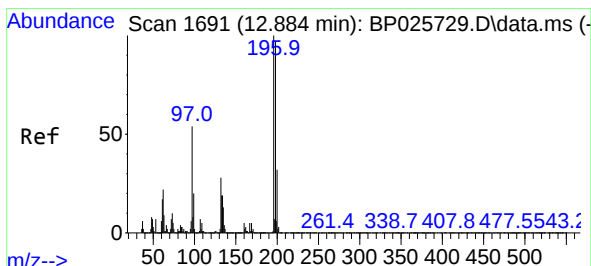
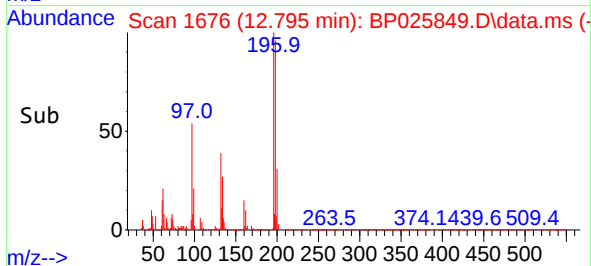
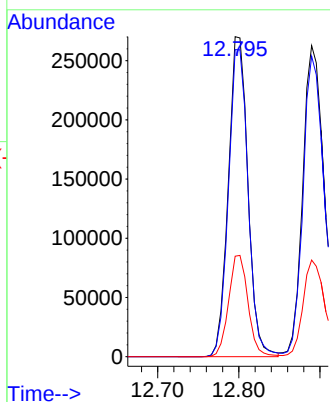
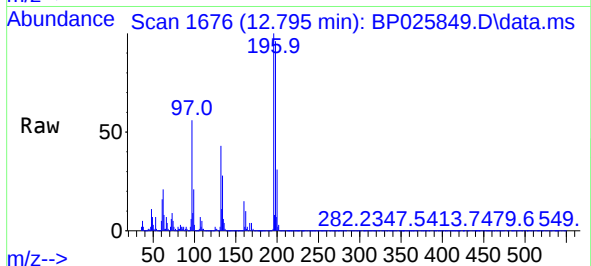
#43
2,4,6-Trichlorophenol
Concen: 47.502 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:196 Resp: 452500
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
200 31.4 24.2 36.2

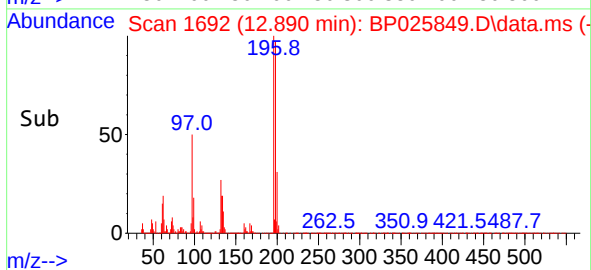
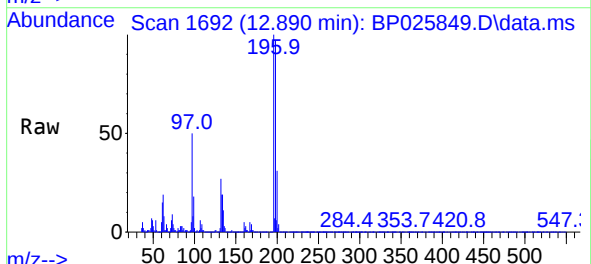
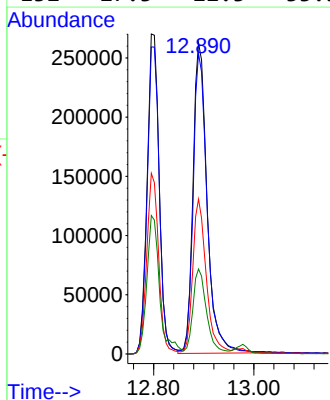
Manual Integrations
APPROVED

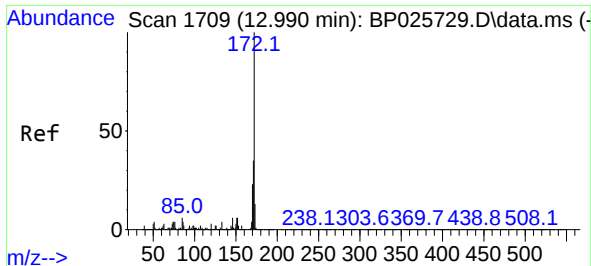
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#44
2,4,5-Trichlorophenol
Concen: 48.427 ng
RT: 12.890 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:196 Resp: 513411
Ion Ratio Lower Upper
196 100
198 96.6 77.8 116.8
97 49.8 43.3 64.9
132 27.3 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 69.711 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

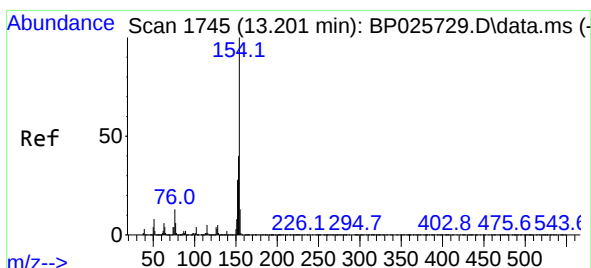
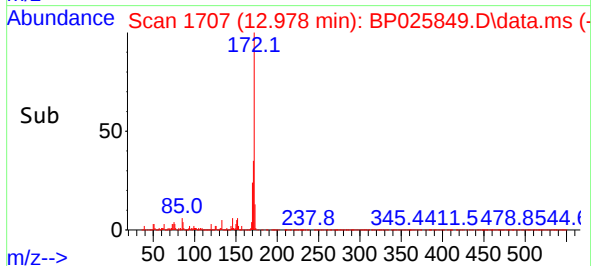
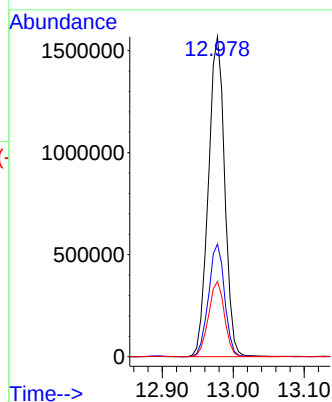
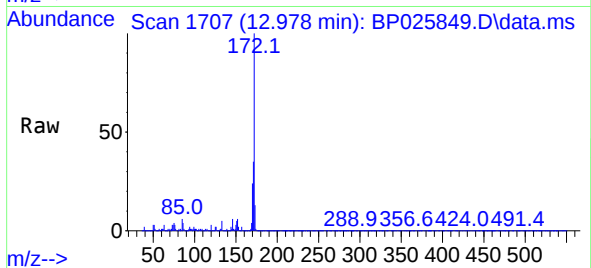
VNJ-245MSD

Tgt Ion:172 Resp: 250355
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.5 18.6 27.8

Manual Integrations

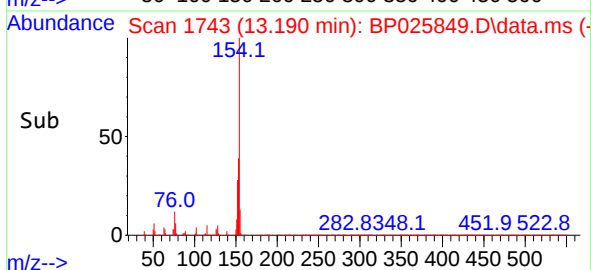
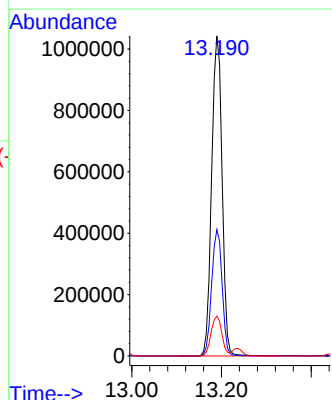
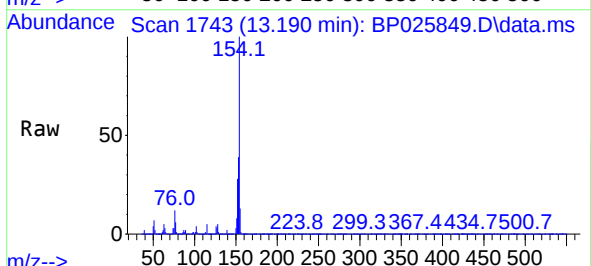
APPROVED

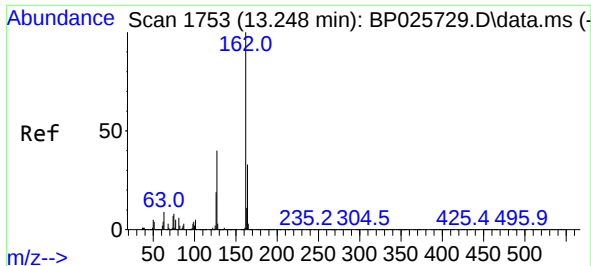
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#46
1,1'-Biphenyl
Concen: 48.083 ng
RT: 13.190 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:154 Resp: 1687672
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 12.4 0.0 33.3





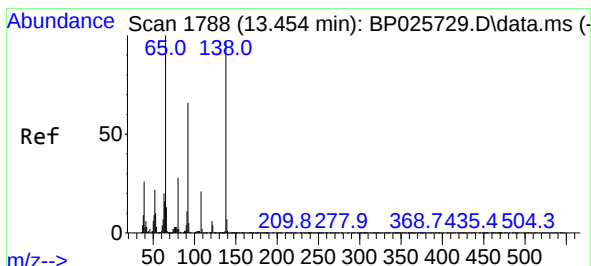
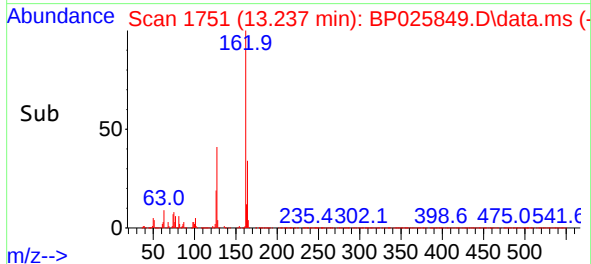
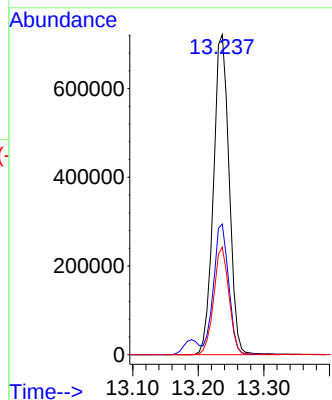
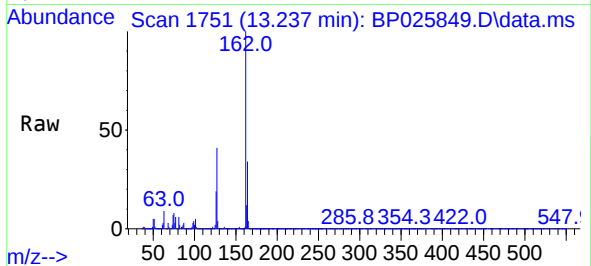
#47
2-Chloronaphthalene
Concen: 43.330 ng
RT: 13.237 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:162 Resp: 1197500
Ion Ratio Lower Upper
162 100
127 40.8 32.2 48.4
164 33.6 26.5 39.7

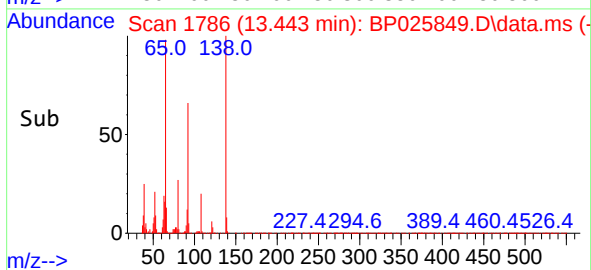
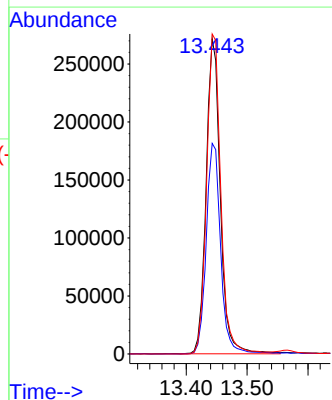
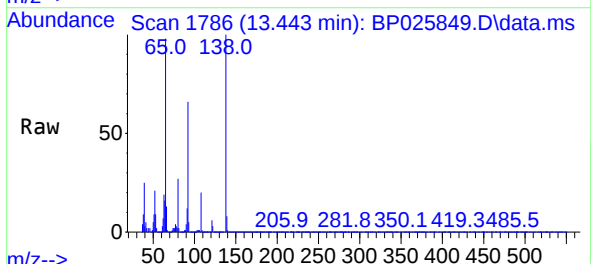
Manual Integrations
APPROVED

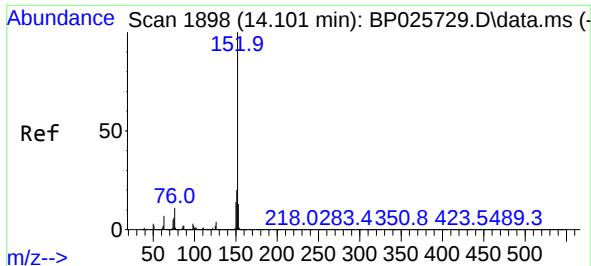
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#48
2-Nitroaniline
Concen: 47.658 ng
RT: 13.443 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion: 65 Resp: 439058
Ion Ratio Lower Upper
65 100
92 66.8 53.1 79.7
138 101.5 77.8 116.8





#49
Acenaphthylene
Concen: 45.750 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

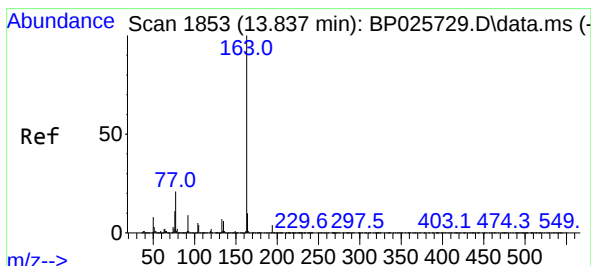
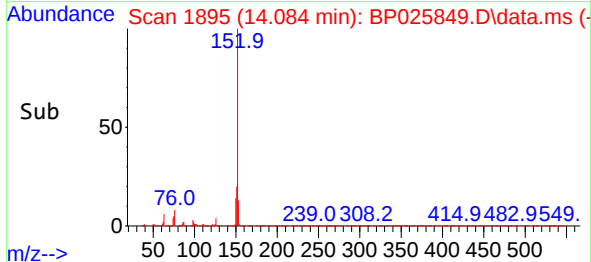
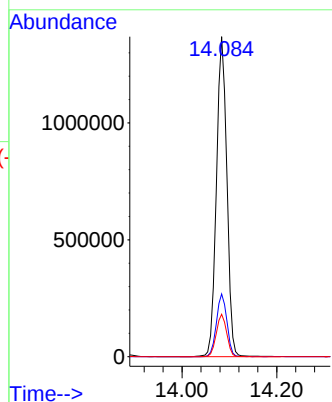
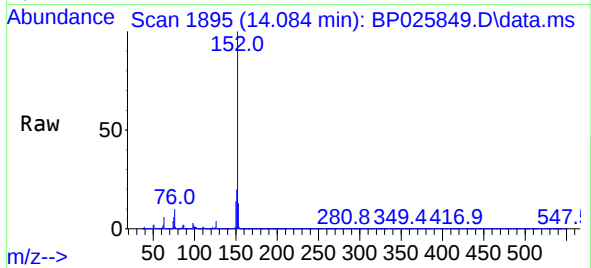
VNJ-245MSD

Tgt Ion:152 Resp: 2094972
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.2 10.5 15.7

Manual Integrations

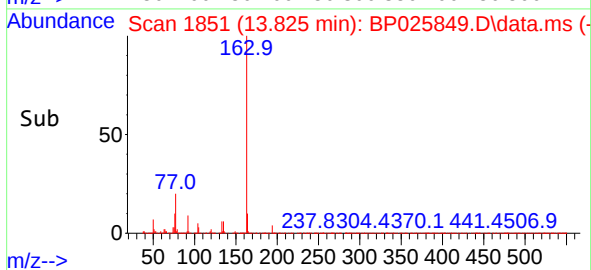
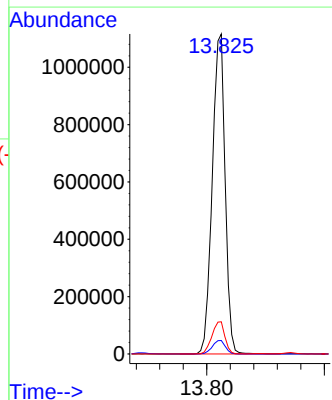
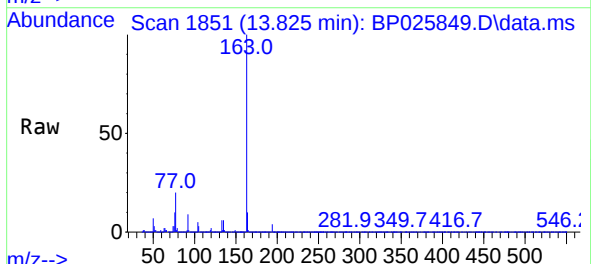
APPROVED

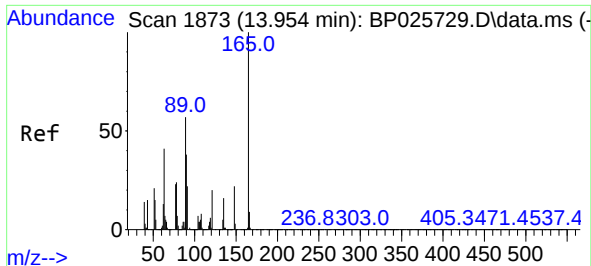
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#50
Dimethylphthalate
Concen: 46.422 ng
RT: 13.825 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

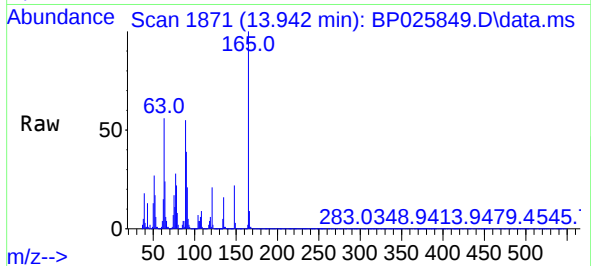
Tgt Ion:163 Resp: 1694777
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.269 ng
RT: 13.942 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

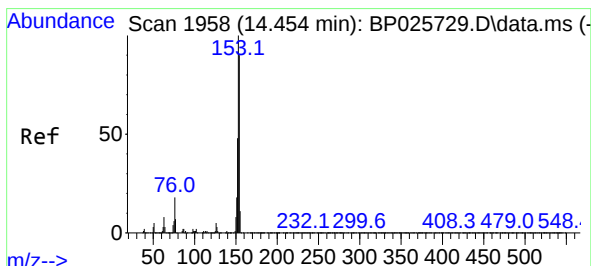
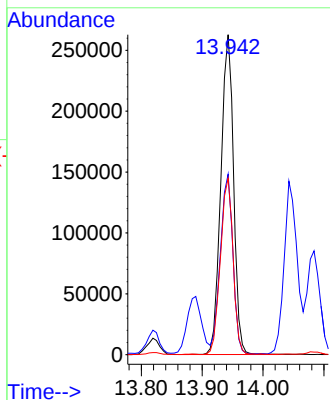
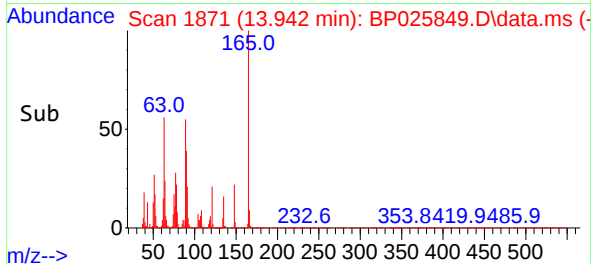
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



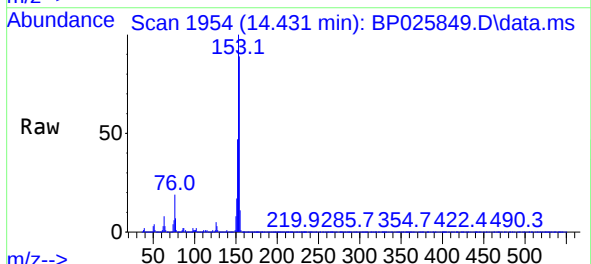
Tgt Ion:165 Resp: 381088
Ion Ratio Lower Upper
165 100
63 56.4 48.1 72.1
89 55.1 45.4 68.0

Manual Integrations
APPROVED

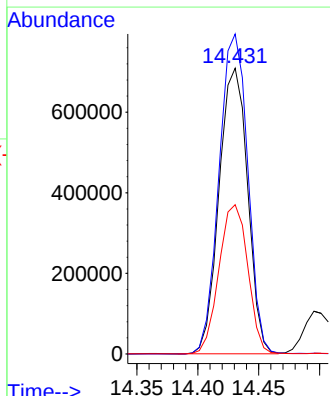
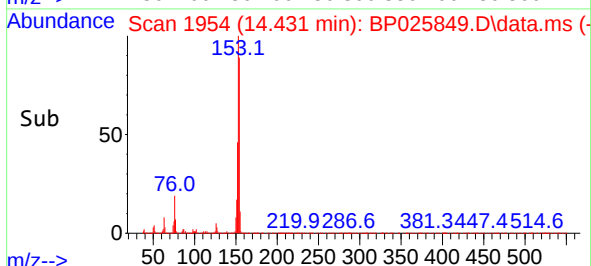
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

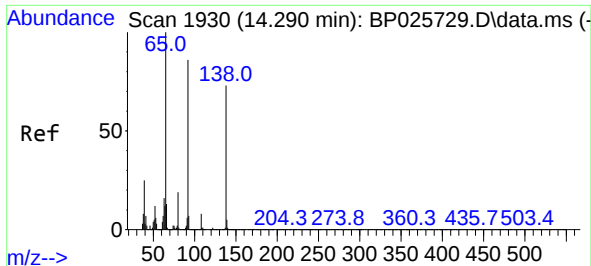


#52
Acenaphthene
Concen: 43.831 ng
RT: 14.431 min Scan# 1954
Delta R.T. -0.024 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



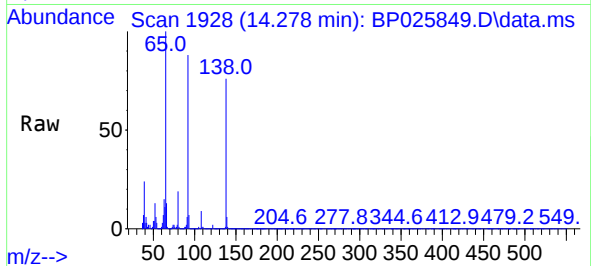
Tgt Ion:154 Resp: 1157463
Ion Ratio Lower Upper
154 100
153 112.0 89.4 134.0
152 52.2 42.5 63.7





#53
3-Nitroaniline
Concen: 27.319 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

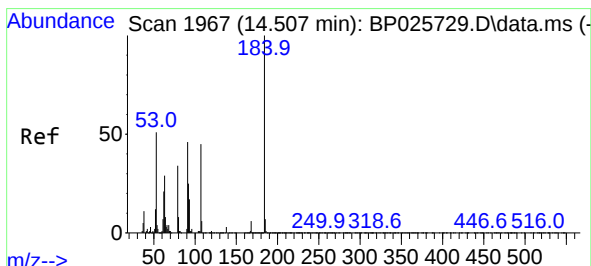
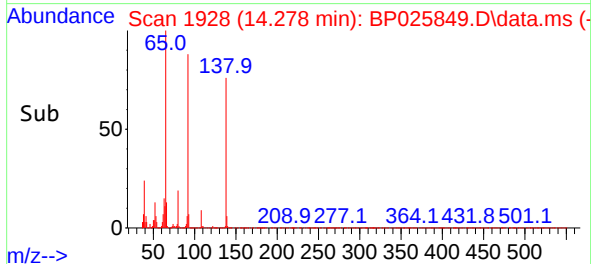
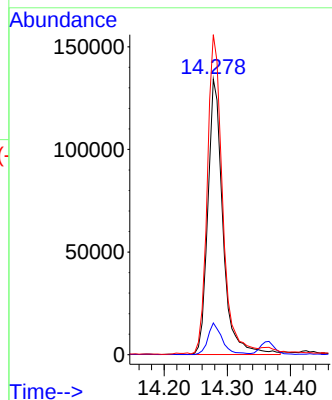
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:138 Resp: 22220
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 116.2 94.6 142.0

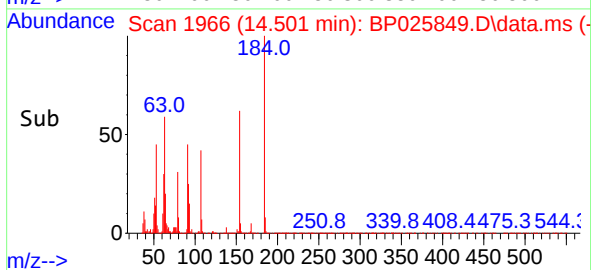
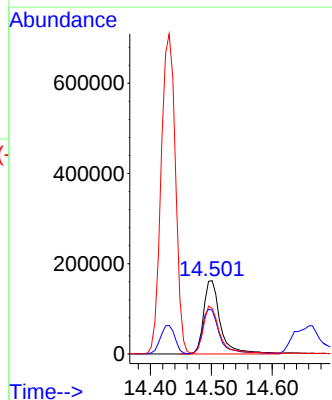
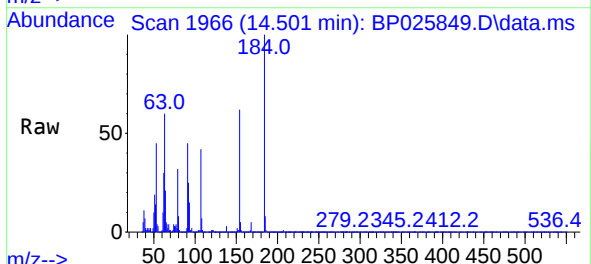
Manual Integrations
APPROVED

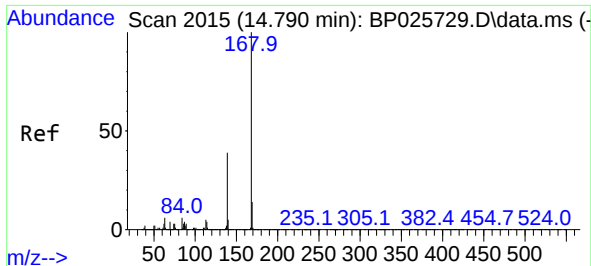
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#54
2,4-Dinitrophenol
Concen: 62.821 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:184 Resp: 310385
Ion Ratio Lower Upper
184 100
63 59.5 52.5 78.7
154 61.9 51.5 77.3





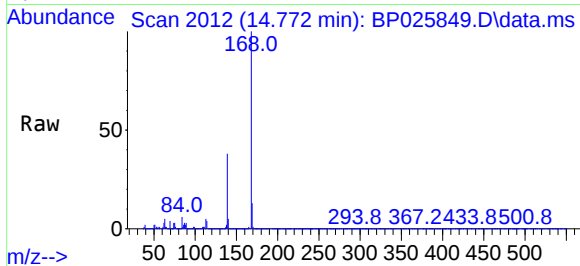
#55
Dibenzenofuran
Concen: 44.674 ng
RT: 14.772 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

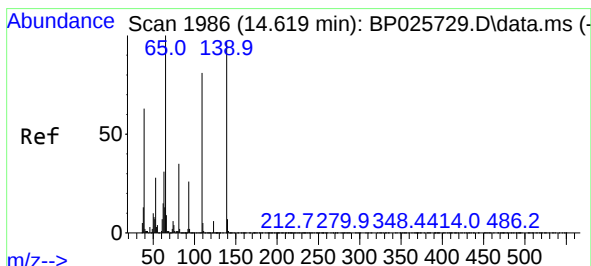
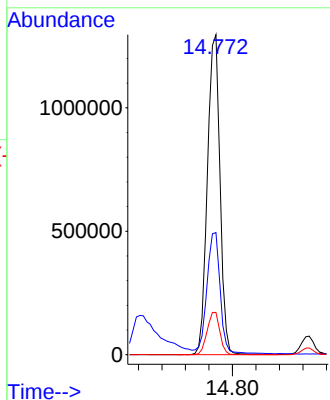
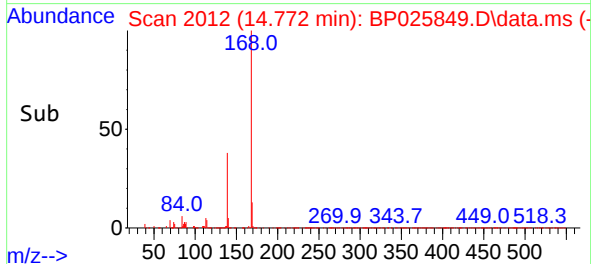


Tgt Ion:168 Resp: 192273
Ion Ratio Lower Upper
168 100
139 38.2 31.7 47.5
169 13.2 10.8 16.2

Manual Integrations

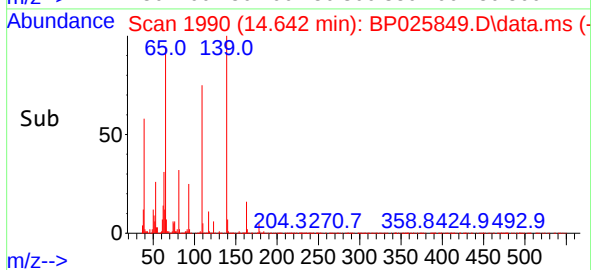
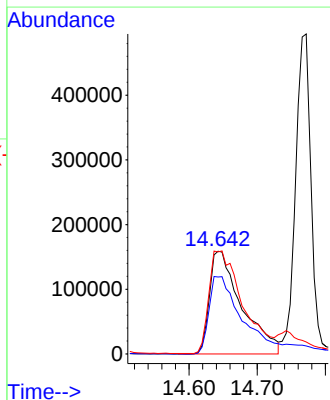
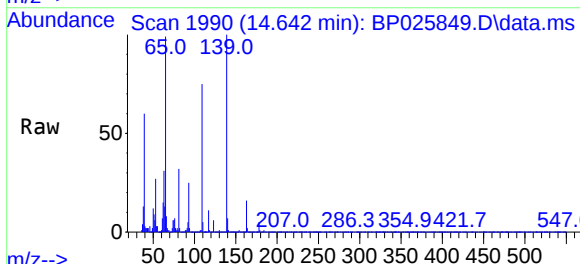
APPROVED

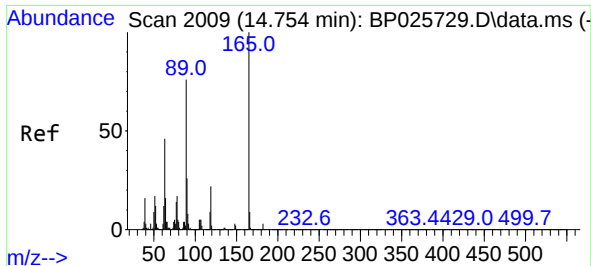
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#56
4-Nitrophenol
Concen: 74.733 ng
RT: 14.642 min Scan# 1990
Delta R.T. 0.023 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:139 Resp: 521276
Ion Ratio Lower Upper
139 100
109 75.0 62.9 102.9
65 99.4 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 51.097 ng
RT: 14.742 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

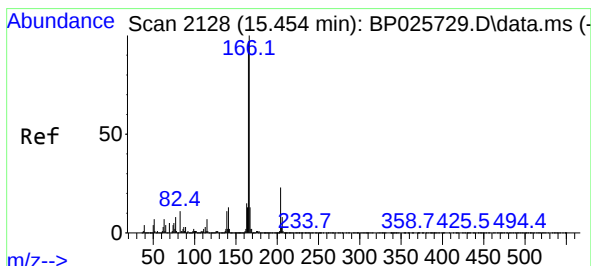
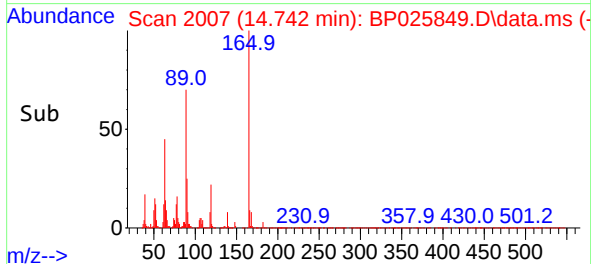
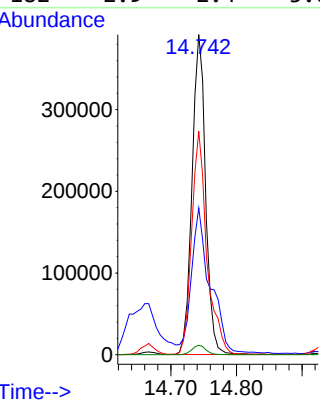
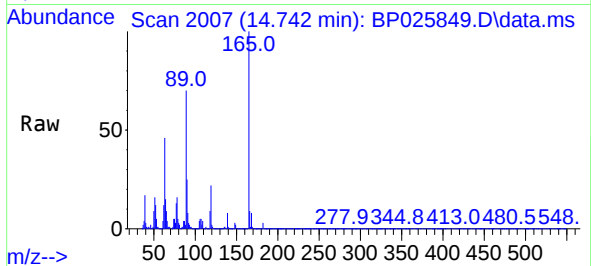
VNJ-245MSD

Tgt Ion:165 Resp: 56246
Ion Ratio Lower Upper
165 100
63 45.9 37.7 56.5
89 69.9 61.0 91.6
182 2.9 2.4 3.6

Manual Integrations

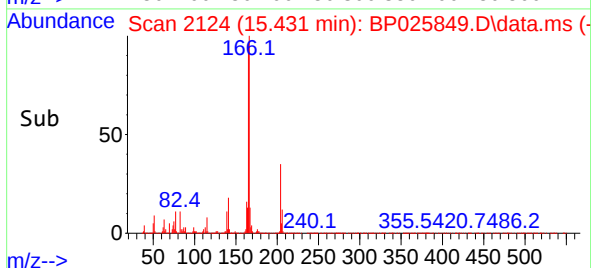
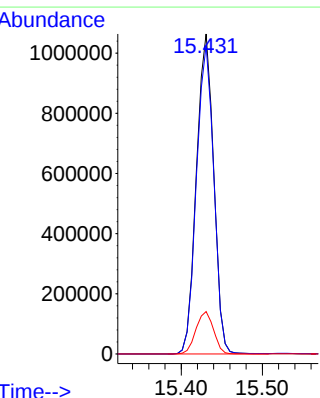
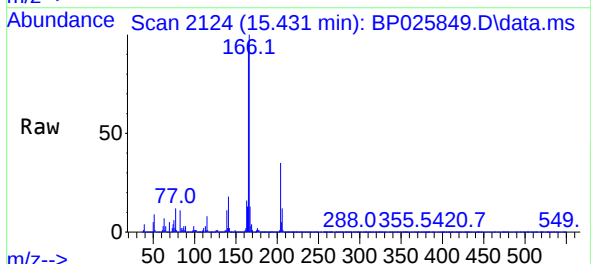
APPROVED

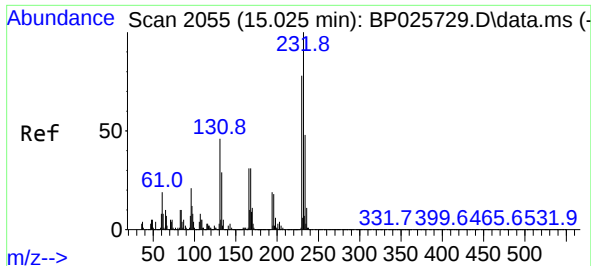
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#58
Fluorene
Concen: 45.855 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.024 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

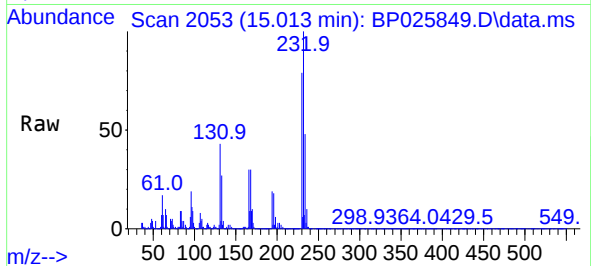
Tgt Ion:166 Resp: 1569329
Ion Ratio Lower Upper
166 100
165 96.4 77.7 116.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.556 ng
RT: 15.013 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

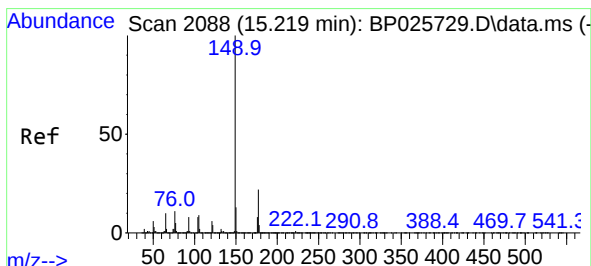
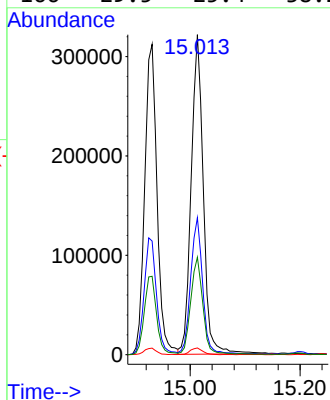
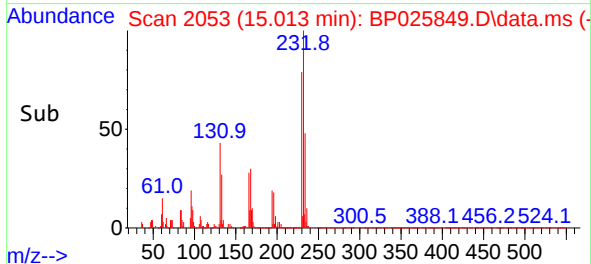
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



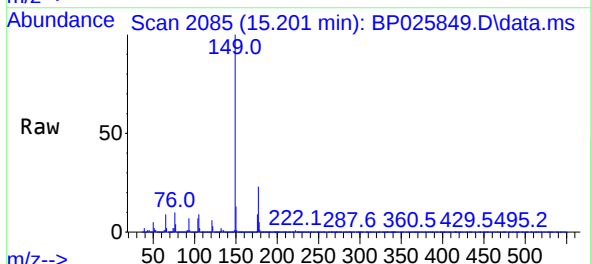
Tgt Ion:232 Resp: 492372
Ion Ratio Lower Upper
232 100
131 42.1 36.7 55.1
130 2.2 2.0 3.0
166 29.5 25.4 38.2

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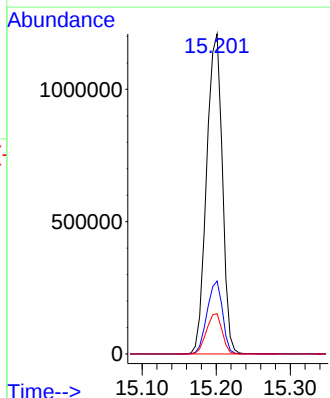
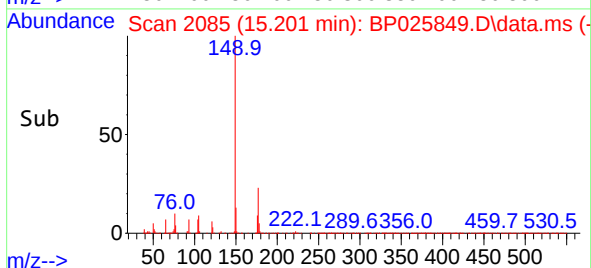
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

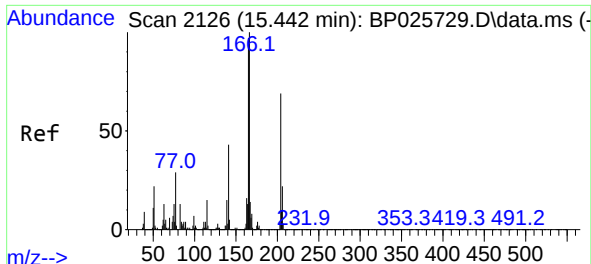


#60
Diethylphthalate
Concen: 48.014 ng
RT: 15.201 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion:149 Resp: 1778056
Ion Ratio Lower Upper
149 100
177 22.8 17.7 26.5
150 12.6 10.0 15.0





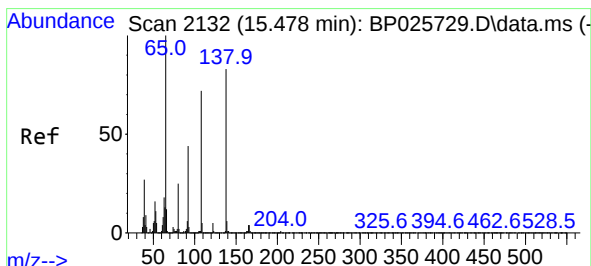
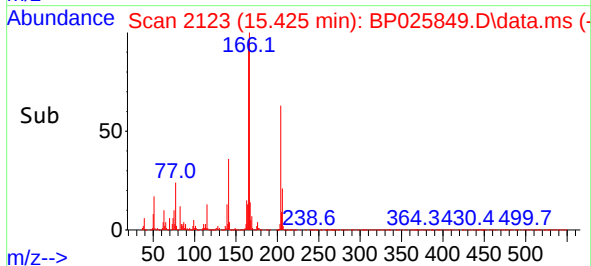
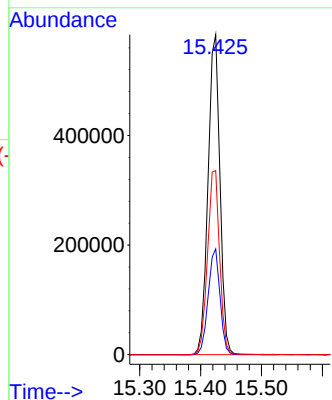
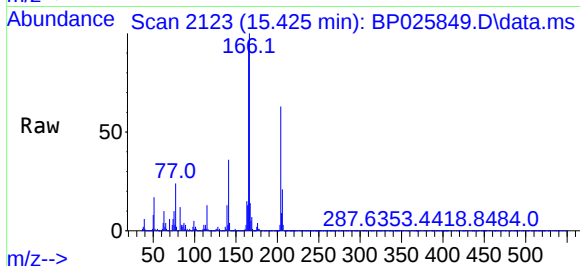
#61
4-Chlorophenyl-phenylether
Concen: 46.092 ng
RT: 15.425 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:204 Resp: 795000
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 57.5 49.7 74.5

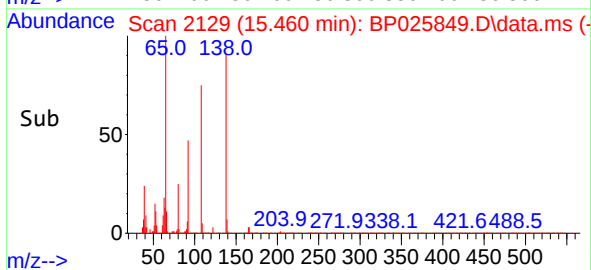
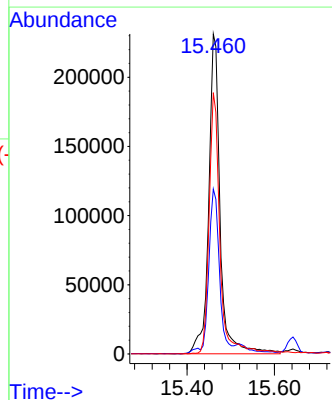
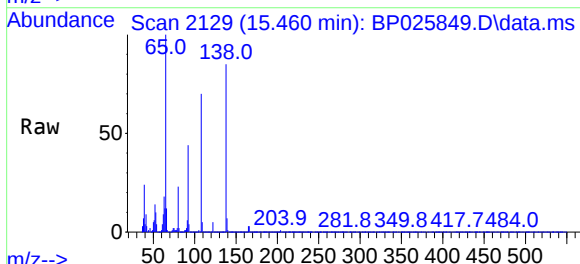
Manual Integrations
APPROVED

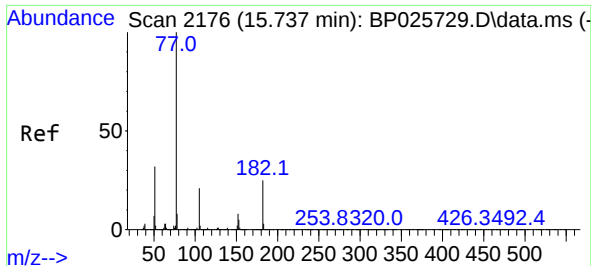
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#62
4-Nitroaniline
Concen: 50.475 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

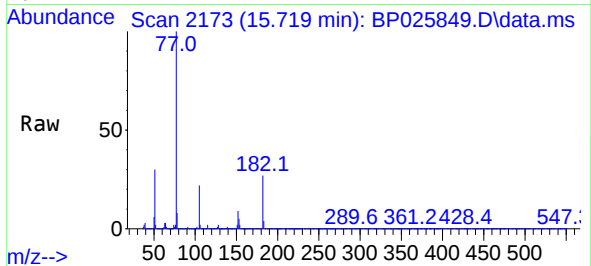
Tgt Ion:138 Resp: 420600
Ion Ratio Lower Upper
138 100
92 51.5 33.3 73.3
108 81.7 66.7 106.7





#63
Azobenzene
Concen: 45.910 ng
RT: 15.719 min Scan# 2173
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

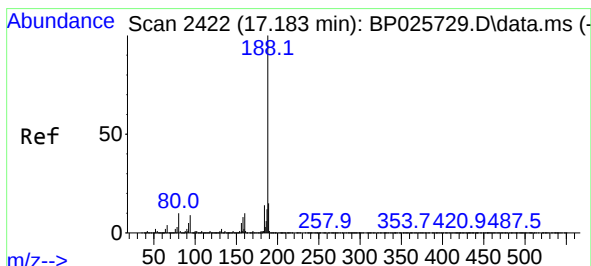
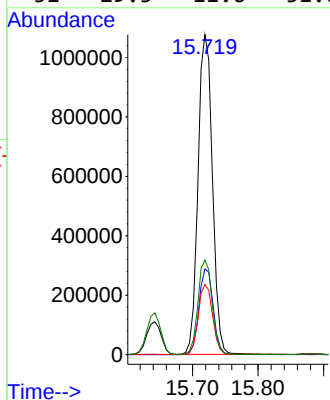
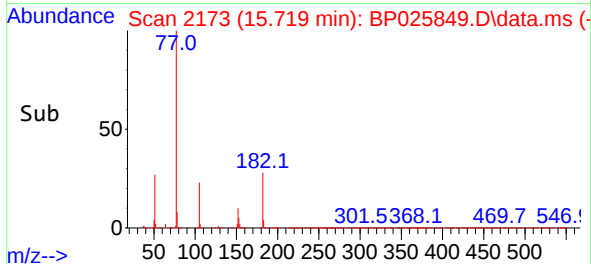
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion: 77 Resp: 1643925
Ion Ratio Lower Upper
77 100
182 26.8 5.2 45.2
105 21.9 1.1 41.1
51 29.5 11.6 51.6

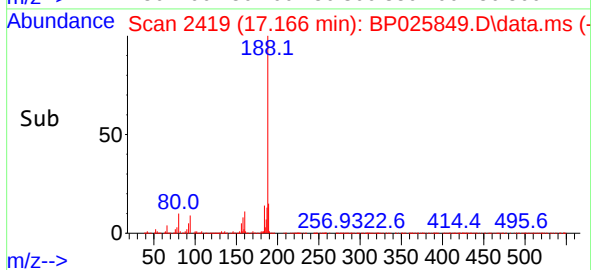
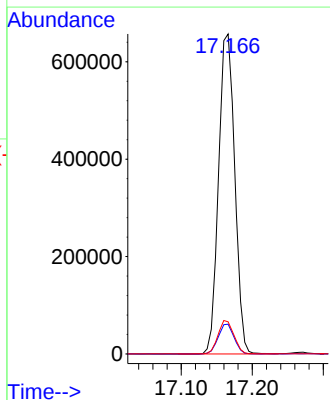
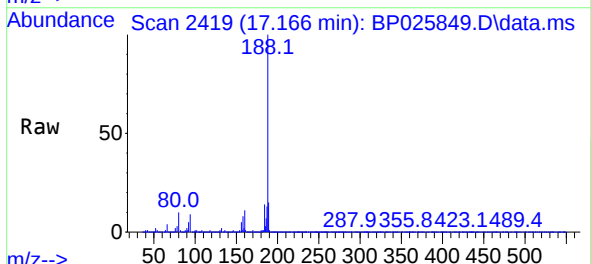
Manual Integrations
APPROVED

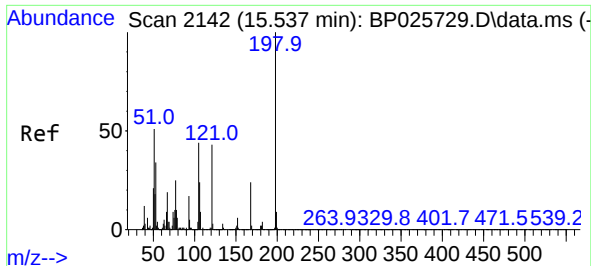
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

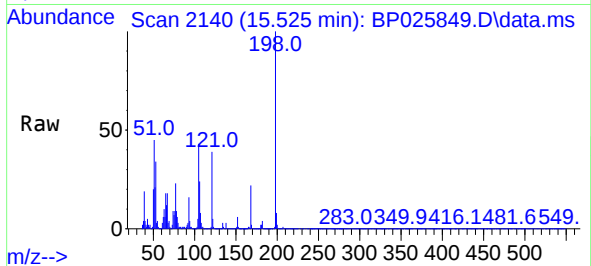
Tgt Ion:188 Resp: 1037234
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.0 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 41.295 ng
RT: 15.525 min Scan# 2140
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

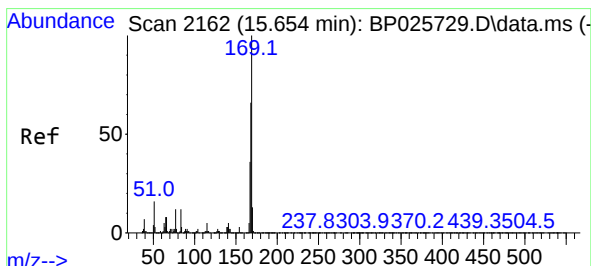
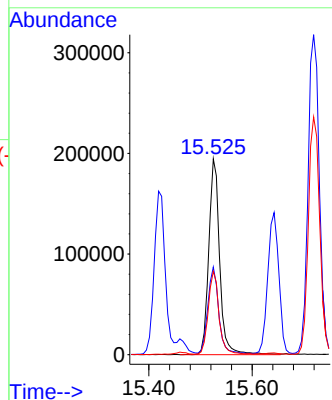
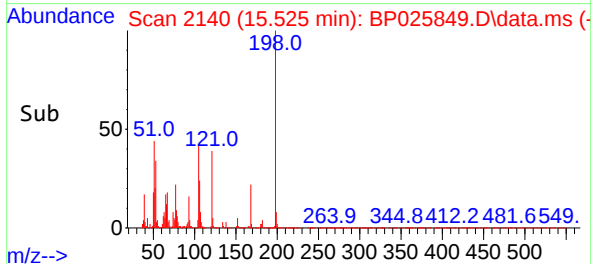
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:198 Resp: 284850
Ion Ratio Lower Upper
198 100
51 44.8 33.4 73.4
105 42.6 24.3 64.3

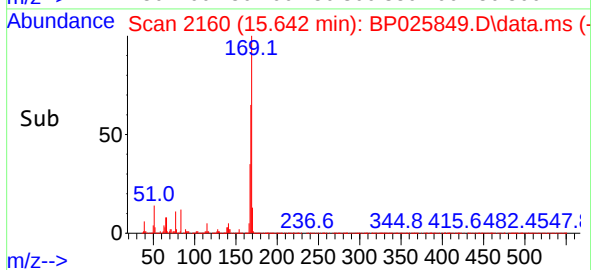
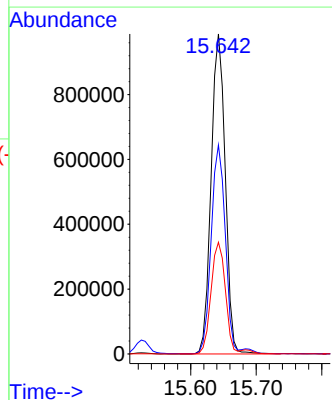
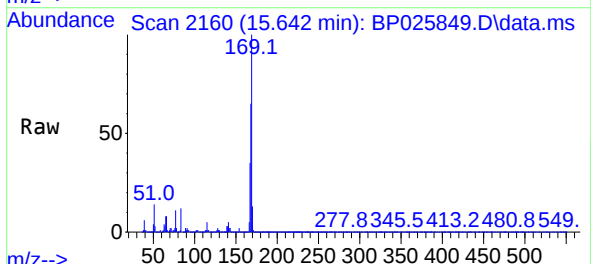
Manual Integrations
APPROVED

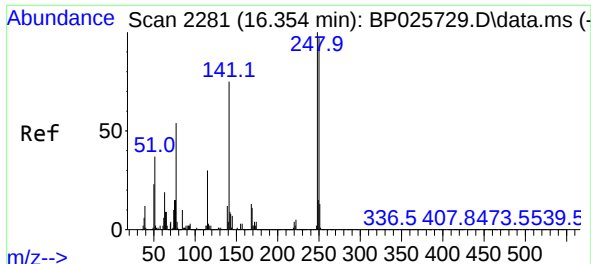
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#66
n-Nitrosodiphenylamine
Concen: 46.517 ng
RT: 15.642 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

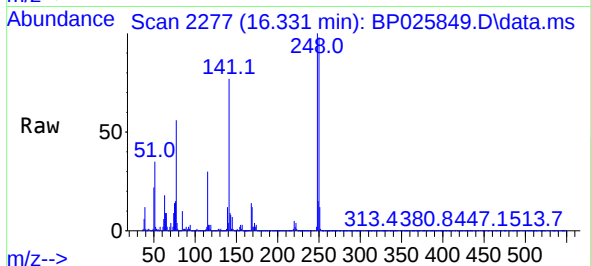
Tgt Ion:169 Resp: 1476551
Ion Ratio Lower Upper
169 100
168 65.3 52.6 78.8
167 34.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 47.940 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

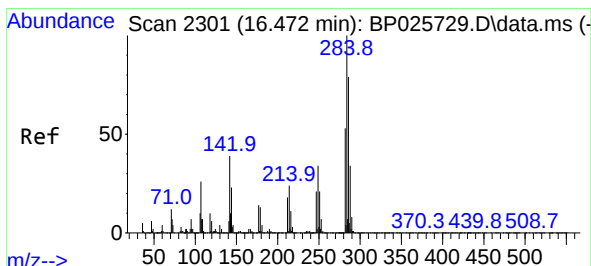
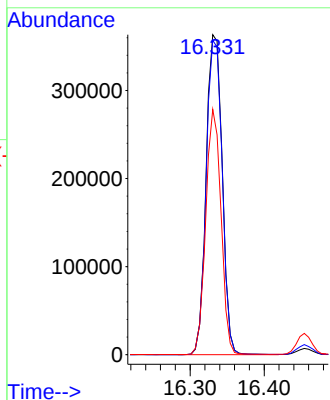
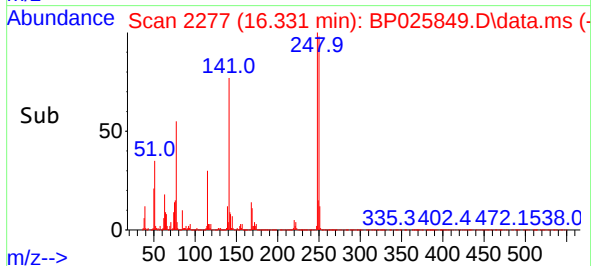
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:248 Resp: 546270
Ion Ratio Lower Upper
248 100
250 98.2 77.5 116.3
141 76.7 60.2 90.4

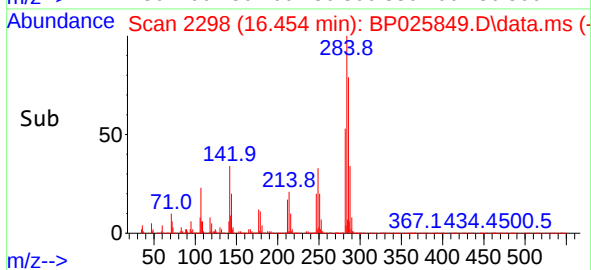
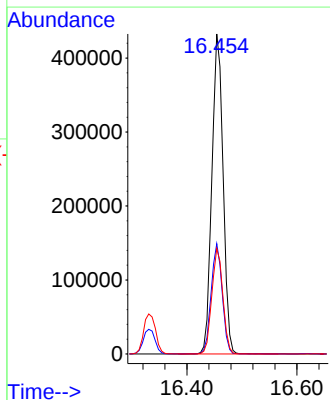
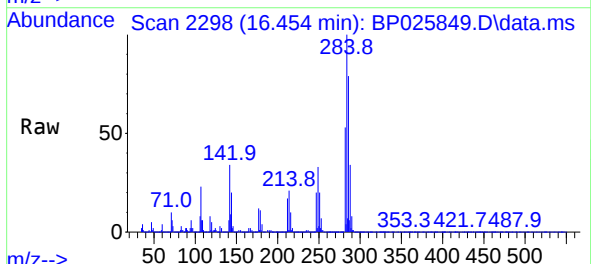
Manual Integrations
APPROVED

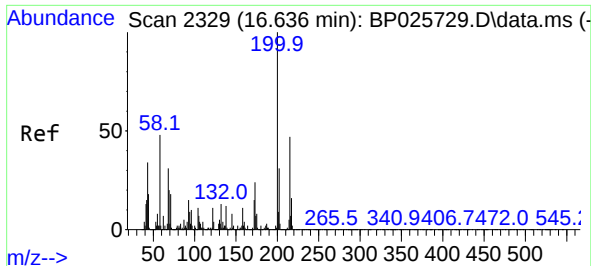
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#68
Hexachlorobenzene
Concen: 48.275 ng
RT: 16.454 min Scan# 2298
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:284 Resp: 613440
Ion Ratio Lower Upper
284 100
142 34.5 31.3 46.9
249 33.0 27.3 40.9





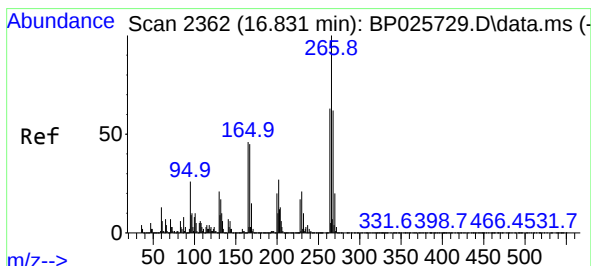
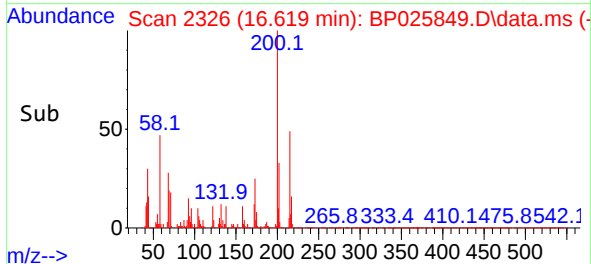
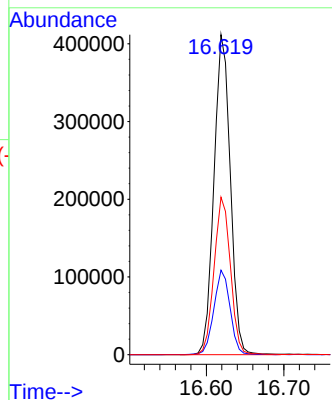
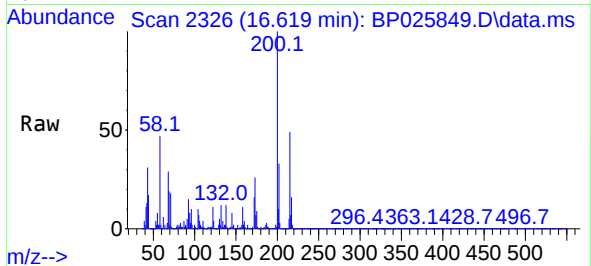
#69
Atrazine
Concen: 49.765 ng
RT: 16.619 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:200 Resp: 60381
Ion Ratio Lower Upper
200 100
173 26.4 4.2 44.2
215 49.2 27.3 67.3

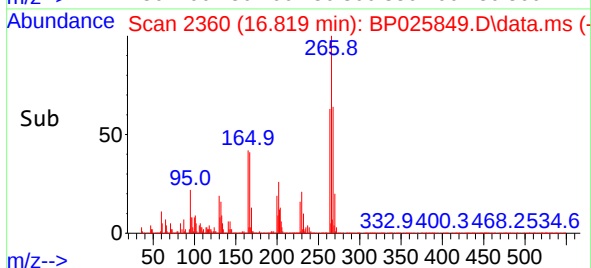
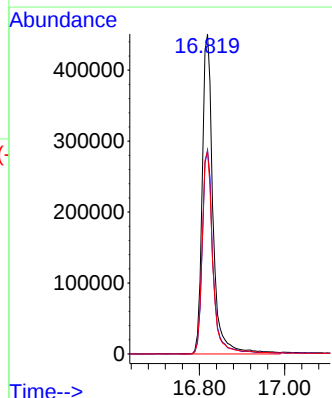
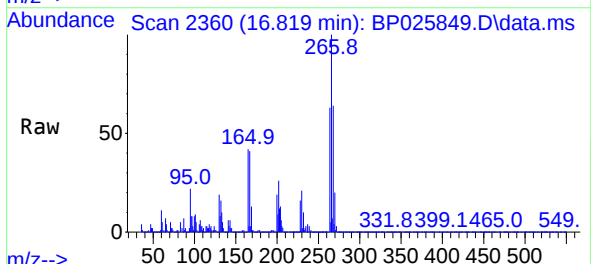
Manual Integrations
APPROVED

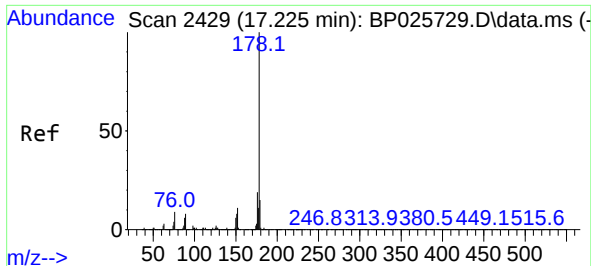
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#70
Pentachlorophenol
Concen: 94.059 ng
RT: 16.819 min Scan# 2360
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

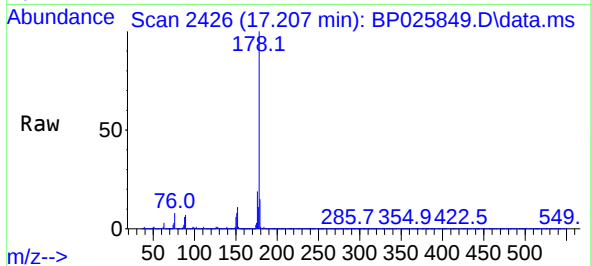
Tgt Ion:266 Resp: 788852
Ion Ratio Lower Upper
266 100
268 63.7 49.8 74.8
264 63.4 50.2 75.2





#71
Phenanthrene
Concen: 46.299 ng
RT: 17.207 min Scan# 2426
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

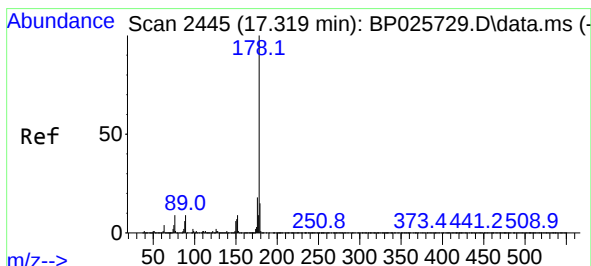
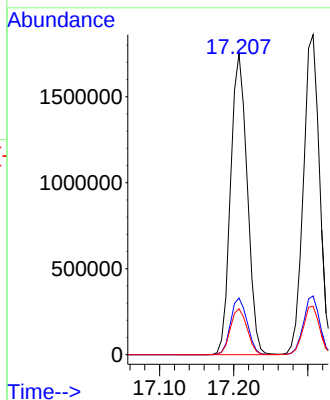
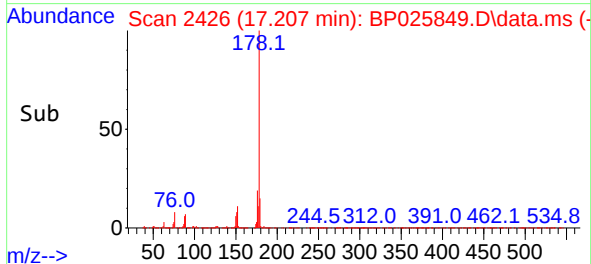
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



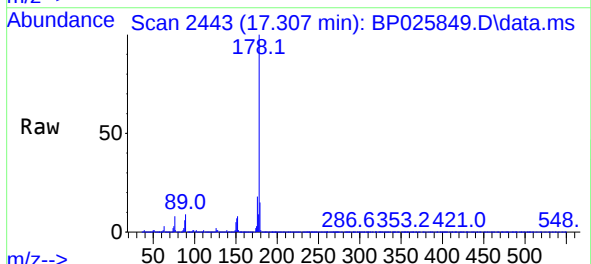
Tgt Ion:178 Resp: 2724134
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.3 12.2 18.4

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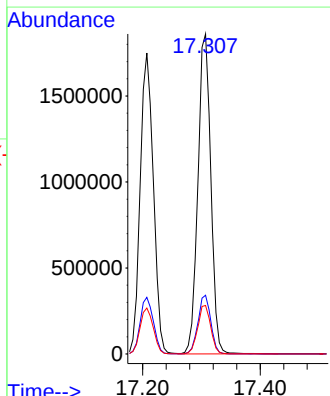
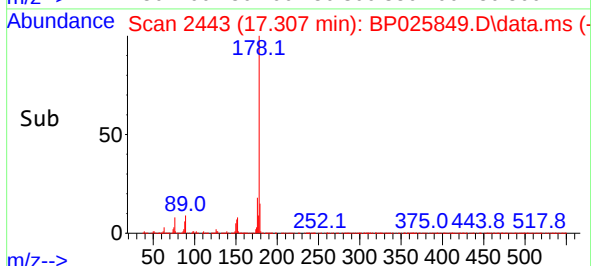
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

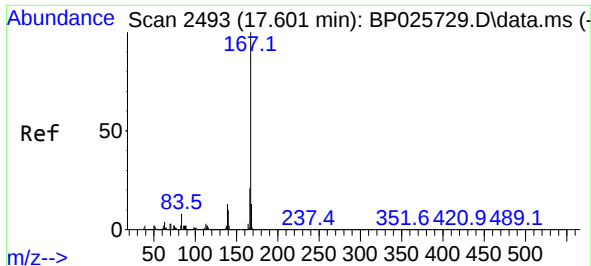


#72
Anthracene
Concen: 47.461 ng
RT: 17.307 min Scan# 2443
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion:178 Resp: 2833340
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.1 12.2 18.4





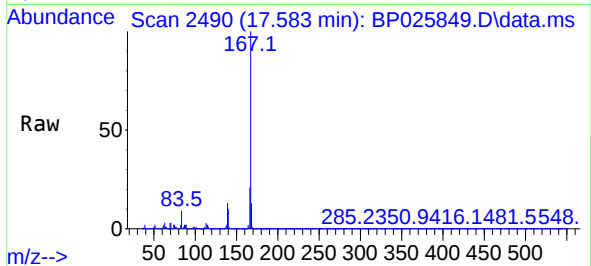
#73
 Carbazole
 Concen: 48.049 ng
 RT: 17.583 min Scan# 2490
 Delta R.T. -0.018 min
 Lab File: BP025849.D
 Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD



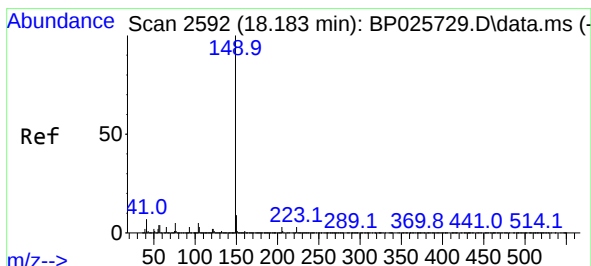
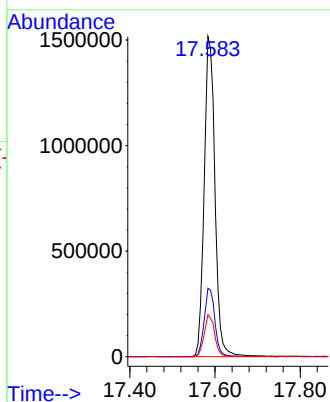
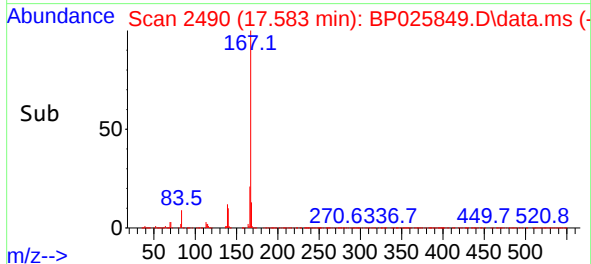
Tgt Ion:167 Resp: 266678

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.1	10.6	16.0

Manual Integrations

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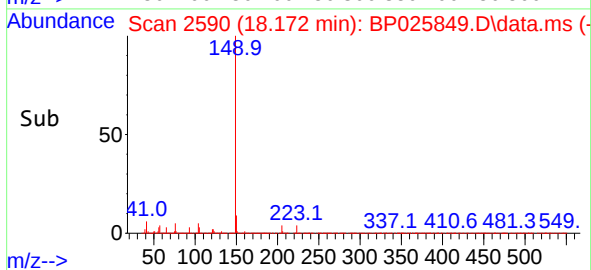
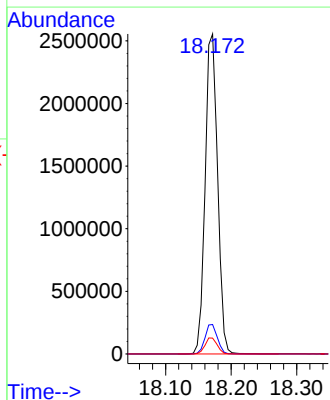
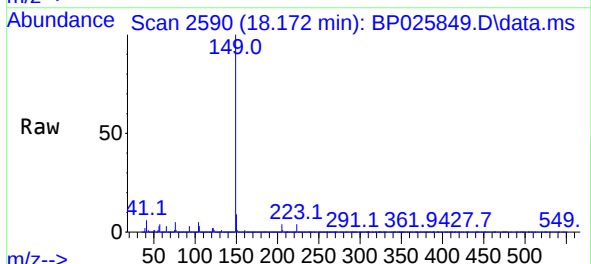
Reviewed By :Rahul Chavli 09/25/2025
 Supervised By :Jagrut Upadhyay 09/25/2025

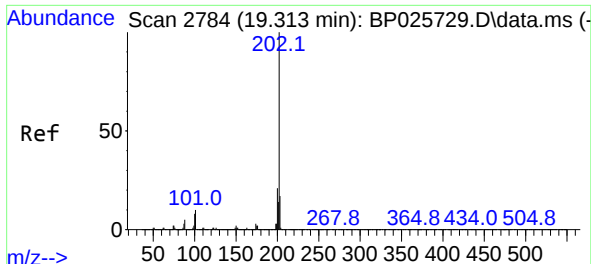


#74
 Di-n-butylphthalate
 Concen: 49.446 ng
 RT: 18.172 min Scan# 2590
 Delta R.T. -0.012 min
 Lab File: BP025849.D
 Acq: 24 Sep 2025 17:27

Tgt Ion:149 Resp: 3367792

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	4.3	6.5





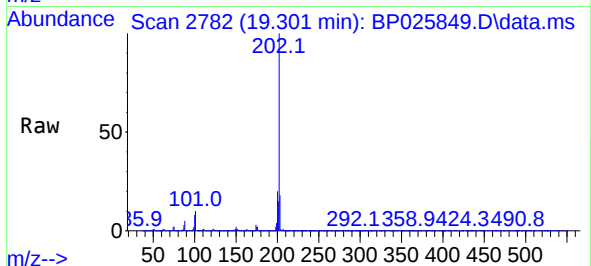
#75
Fluoranthene
Concen: 46.270 ng
RT: 19.301 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD



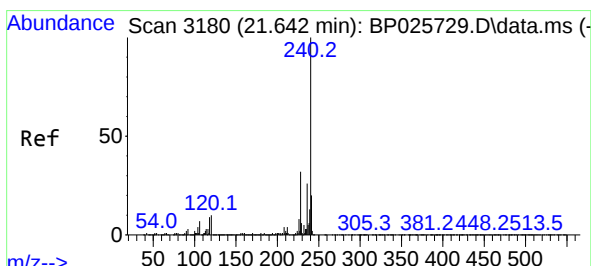
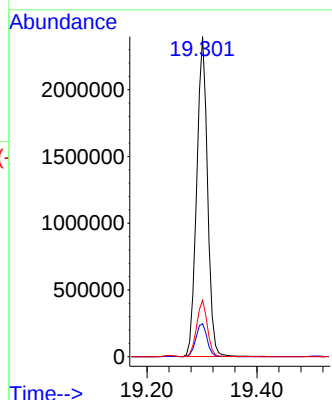
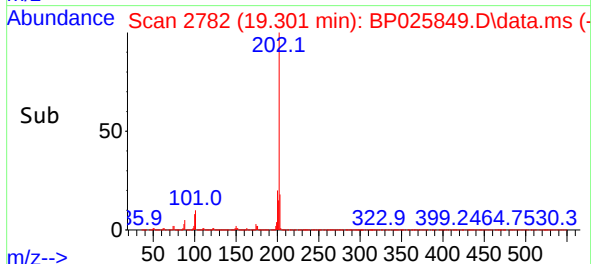
Tgt Ion:202 Resp: 326509
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.6 0.0 37.4

Manual Integrations

APPROVED

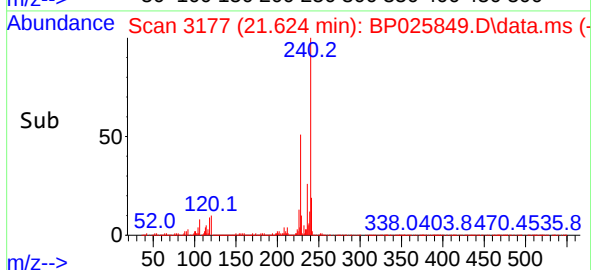
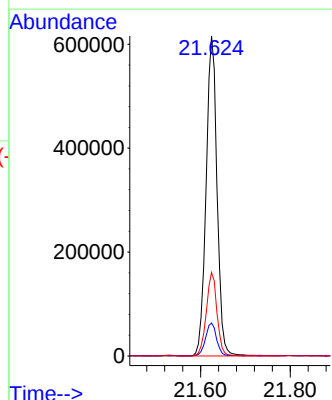
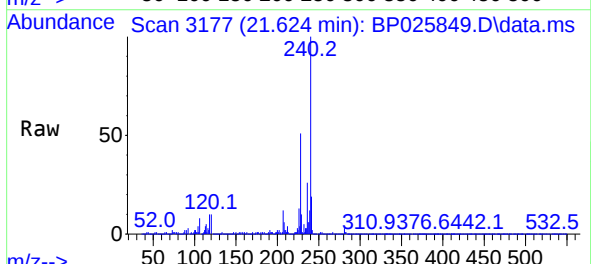
Reviewed By :Rahul Chavli 09/25/2025

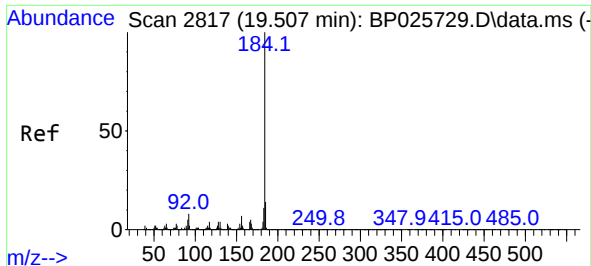
Supervised By :Jagrut Upadhyay 09/25/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:240 Resp: 1040995
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 26.1 20.7 31.1





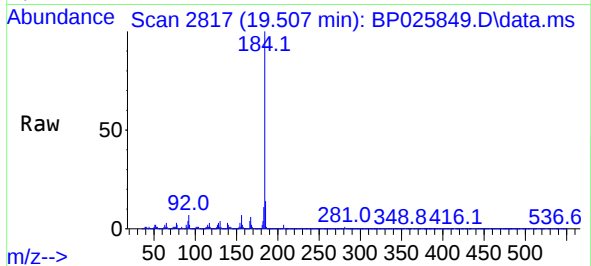
#77
Benzidine
Concen: 38.637 ng
RT: 19.507 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNP_P

ClientSampleId :

VNJ-245MSD

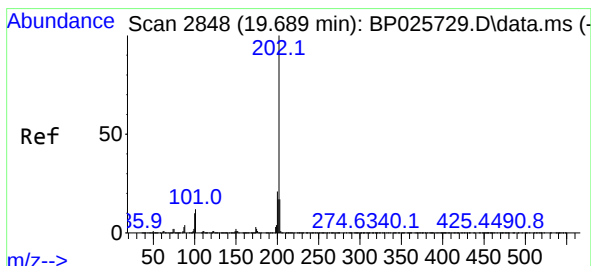
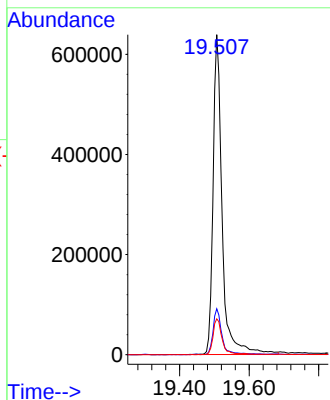
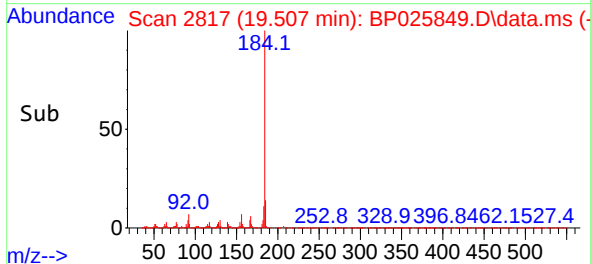


Tgt Ion:184 Resp: 115858
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.2 9.2 13.8

Manual Integrations

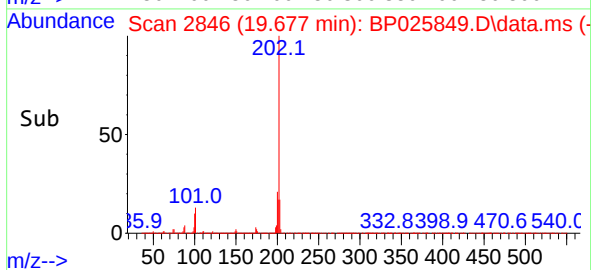
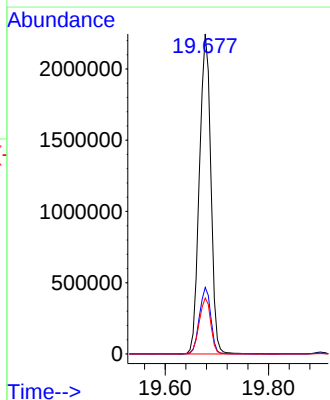
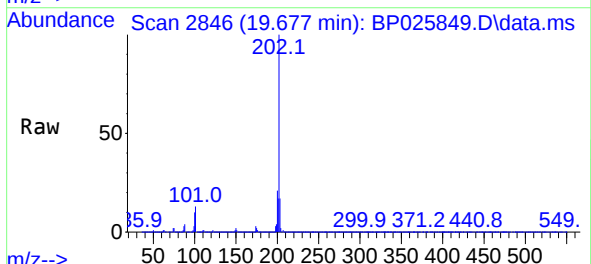
APPROVED

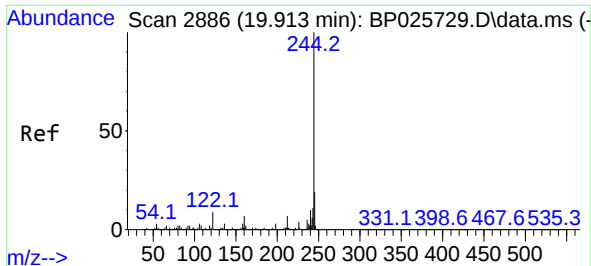
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#78
Pyrene
Concen: 49.556 ng
RT: 19.677 min Scan# 2846
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:202 Resp: 3442157
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.5 13.9 20.9





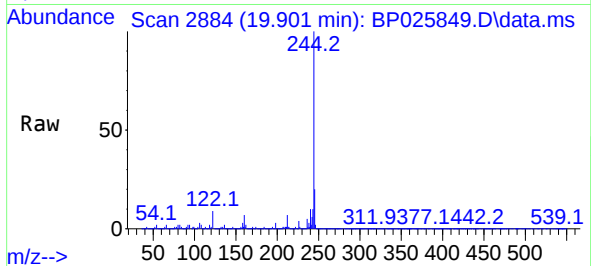
#79
Terphenyl-d14
Concen: 82.258 ng
RT: 19.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD



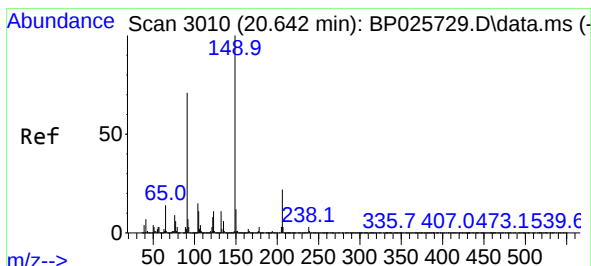
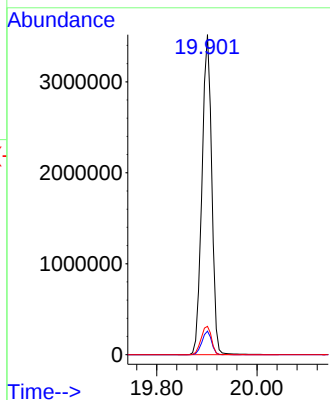
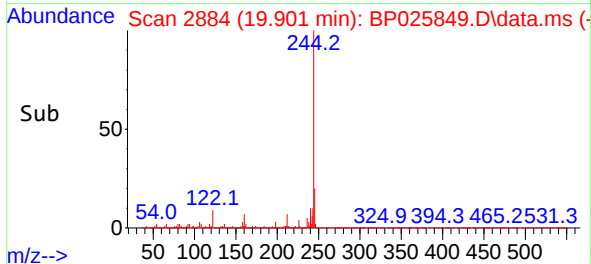
Tgt Ion:244 Resp: 4759920
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.9 7.1 10.7

Manual Integrations

APPROVED

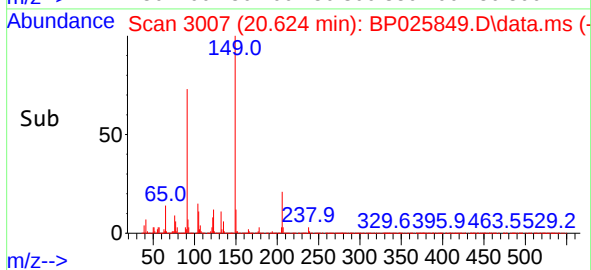
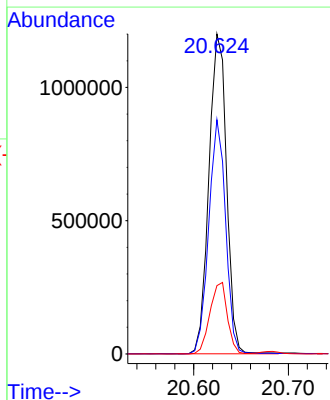
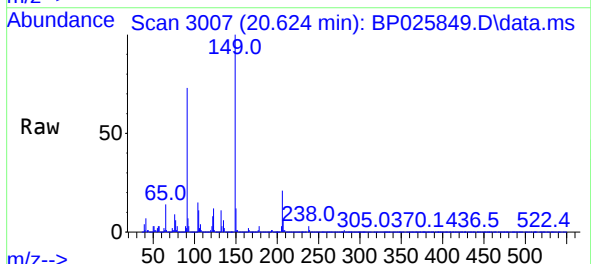
Reviewed By :Rahul Chavli 09/25/2025

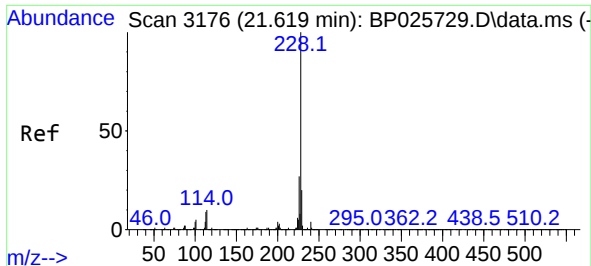
Supervised By :Jagrut Upadhyay 09/25/2025



#80
Butylbenzylphthalate
Concen: 50.908 ng
RT: 20.624 min Scan# 3007
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:149 Resp: 1550443
Ion Ratio Lower Upper
149 100
91 73.2 56.6 85.0
206 21.3 17.4 26.0





#81
Benzo(a)anthracene
Concen: 46.919 ng
RT: 21.601 min Scan# 3176
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

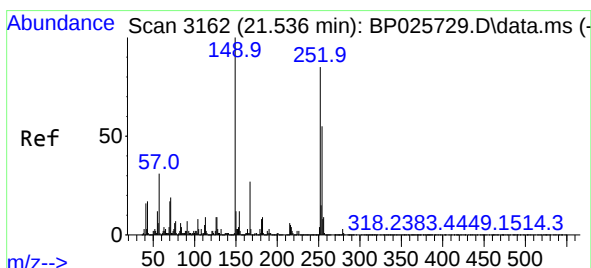
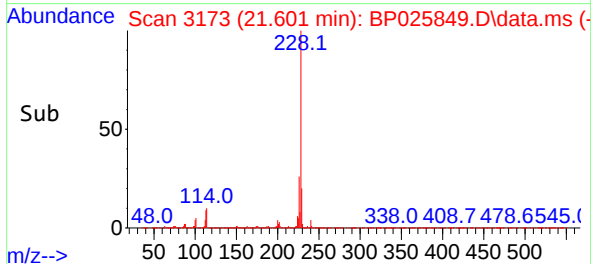
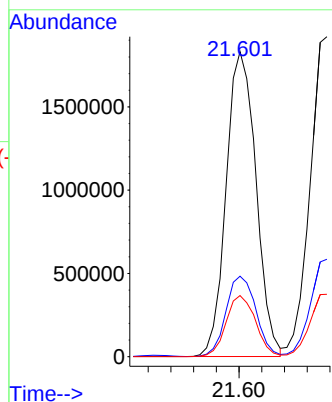
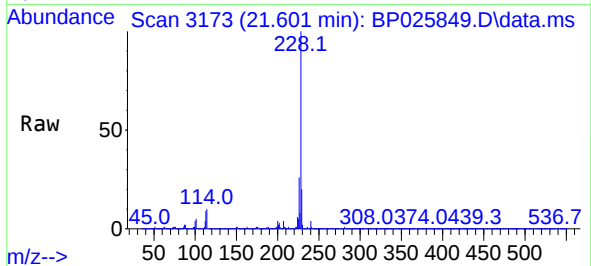
VNJ-245MSD

Tgt Ion:228 Resp: 334381
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 20.1 15.7 23.5

Manual Integrations

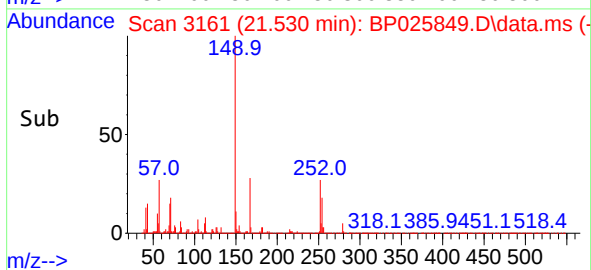
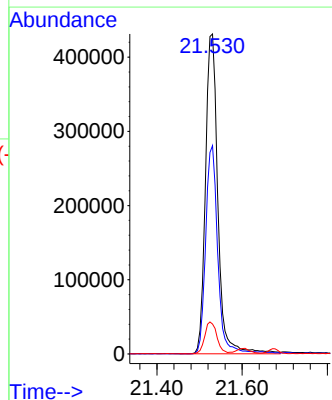
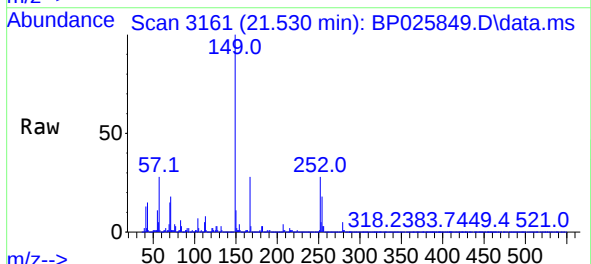
APPROVED

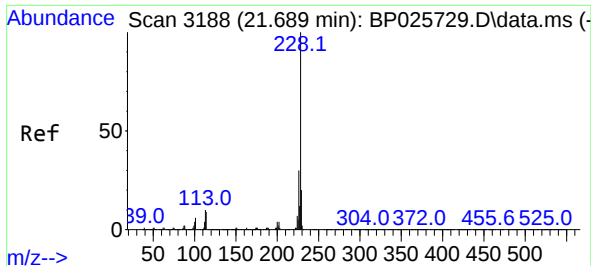
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#82
3,3'-Dichlorobenzidine
Concen: 35.404 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

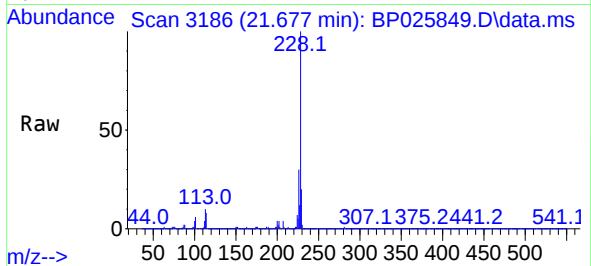
Tgt Ion:252 Resp: 872446
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 9.4 8.3 12.5





#83
Chrysene
Concen: 46.440 ng
RT: 21.677 min Scan# 3188
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

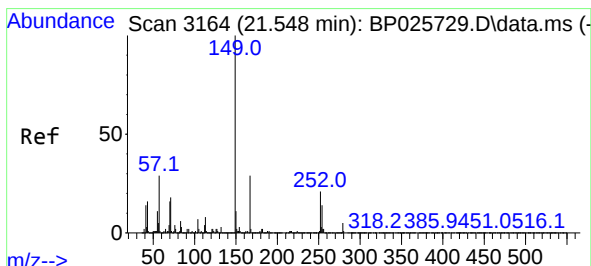
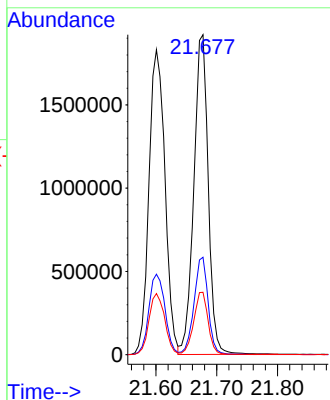
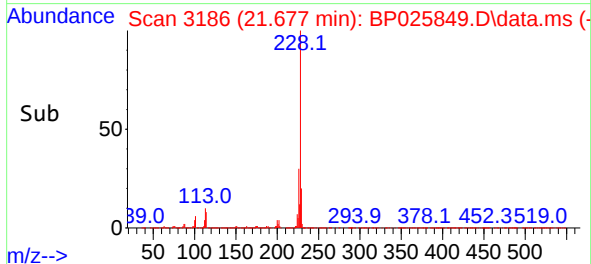
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



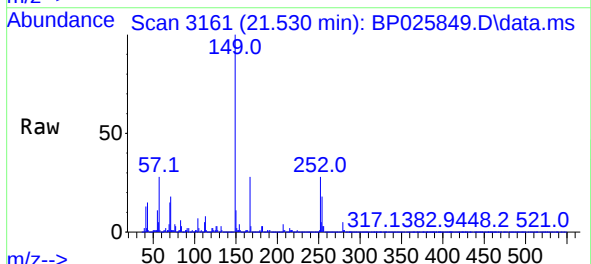
Tgt Ion:228 Resp: 3154974
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 19.5 15.6 23.4

Manual Integrations
APPROVED

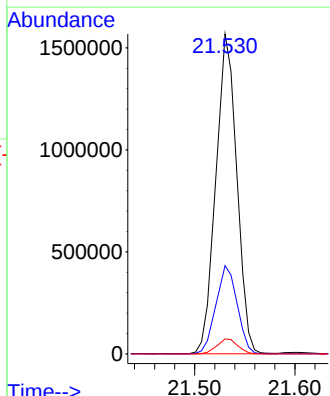
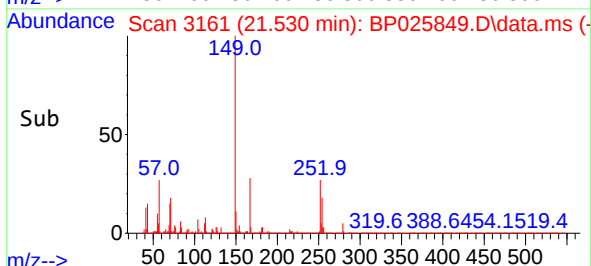
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

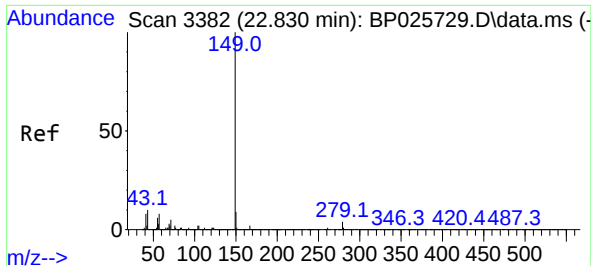


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.065 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



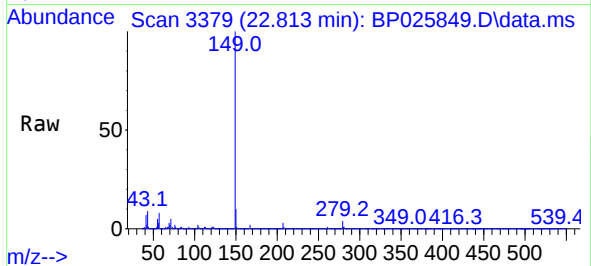
Tgt Ion:149 Resp: 2275342
Ion Ratio Lower Upper
149 100
167 27.6 22.9 34.3
279 4.7 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 49.828 ng
RT: 22.813 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

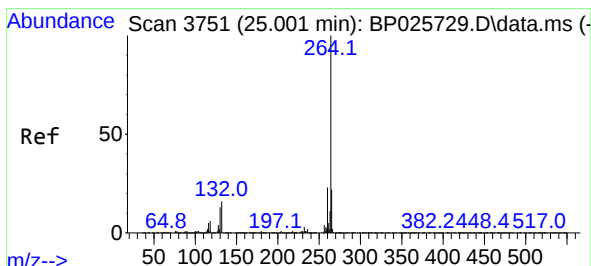
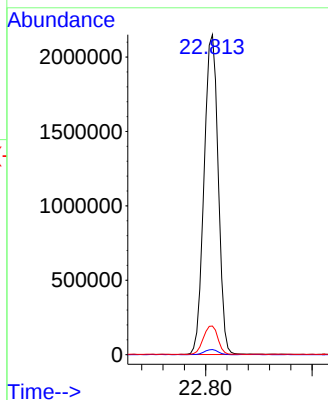
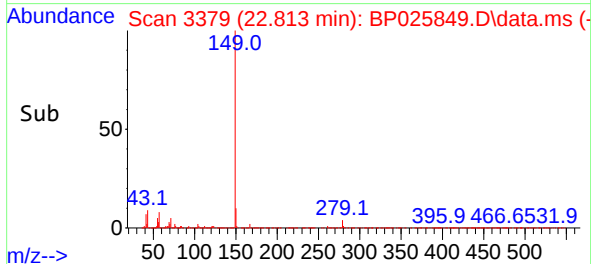
Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD



Tgt Ion:149 Resp: 3949392
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 8.0 12.0

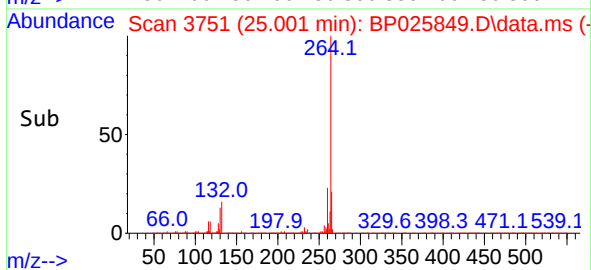
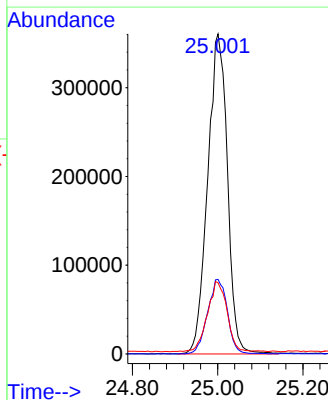
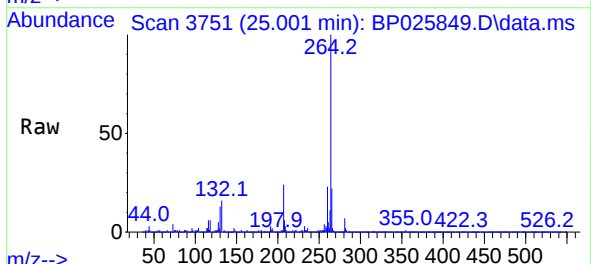
Manual Integrations
APPROVED

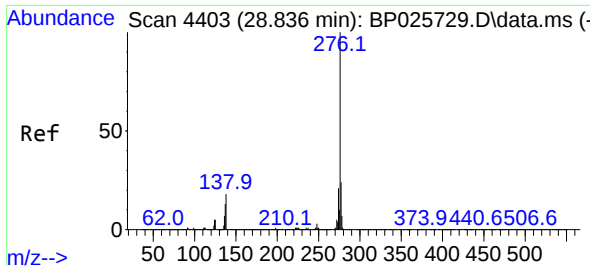
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.000 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:264 Resp: 1160188
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 22.3 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.290 ng m
RT: 28.824 min Scan# 4403
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

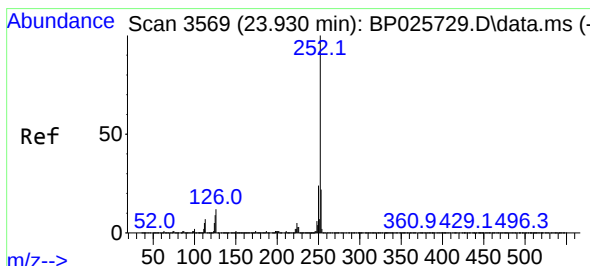
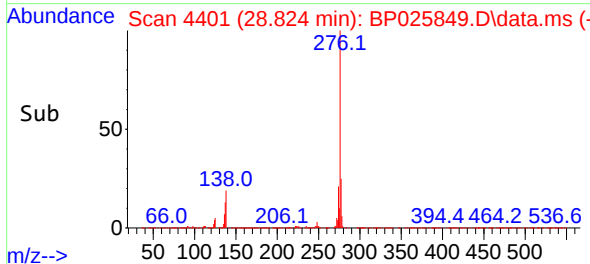
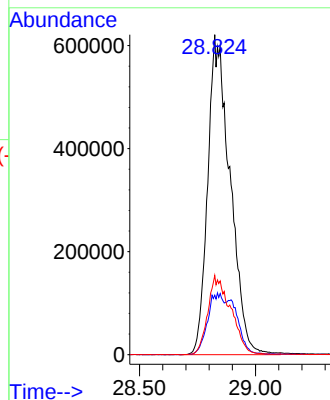
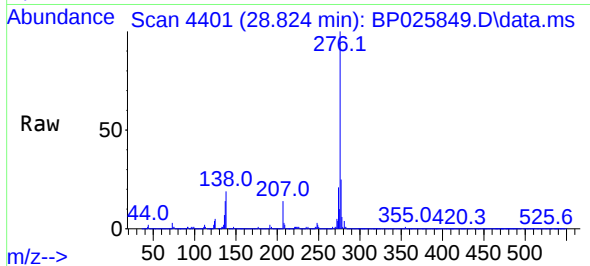
Tgt Ion:276 Resp: 415863
Ion Ratio Lower Upper
276 100
138 13.5 13.4 20.2
277 25.3 9.1 13.7

Manual Integrations

APPROVED

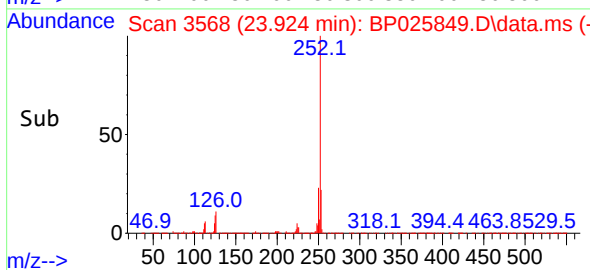
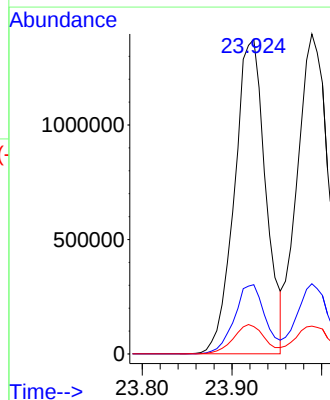
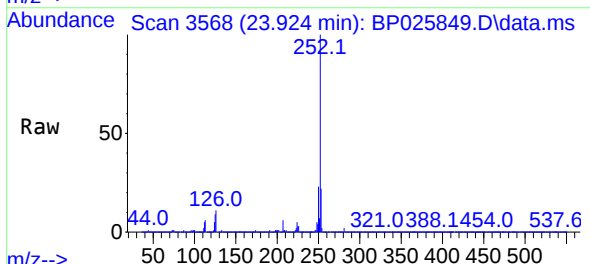
Reviewed By :Rahul Chavli 09/25/2025

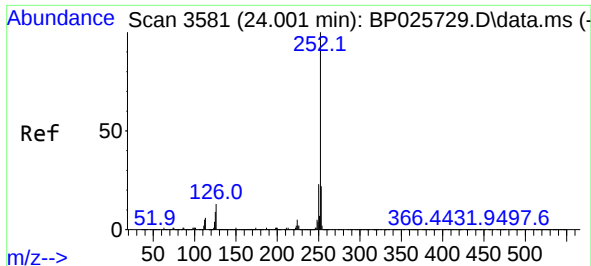
Supervised By :Jagrut Upadhyay 09/25/2025



#88
Benzo(b)fluoranthene
Concen: 46.758 ng
RT: 23.924 min Scan# 3568
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:252 Resp: 3317387
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.7 7.3 10.9





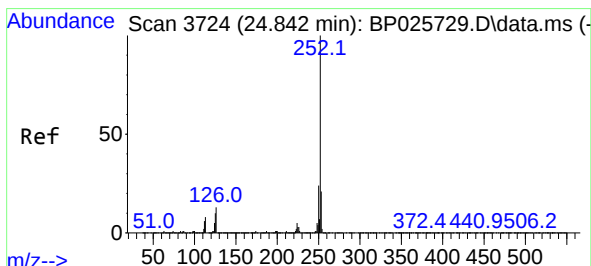
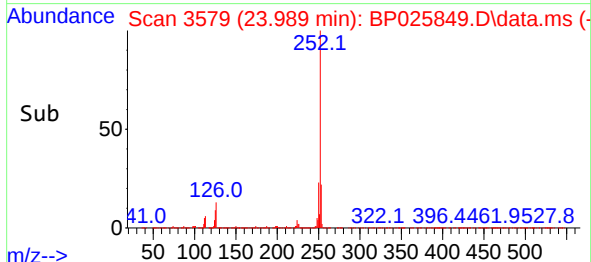
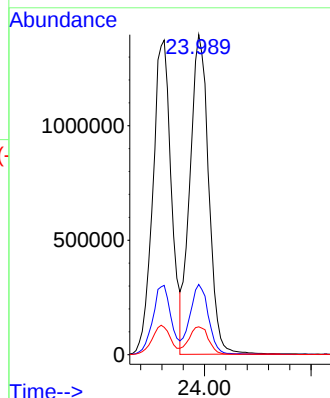
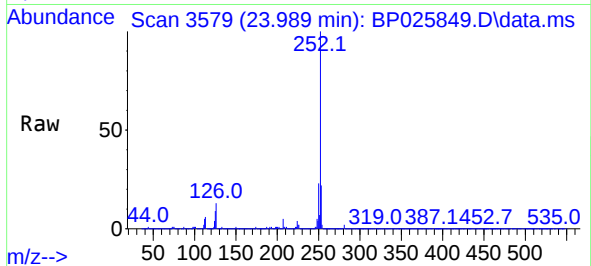
#89
Benzo(k)fluoranthene
Concen: 47.056 ng
RT: 23.989 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :
BNA_P
ClientSampleId :
VNJ-245MSD

Tgt Ion:252 Resp: 340676
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.7 7.5 11.3

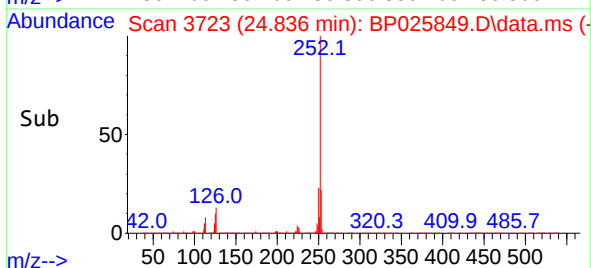
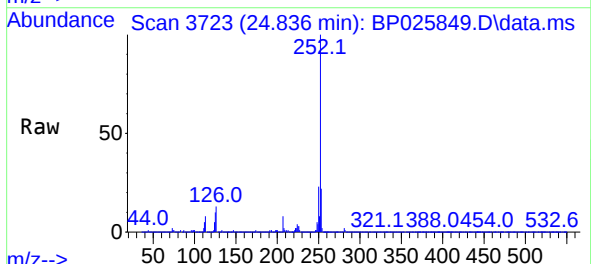
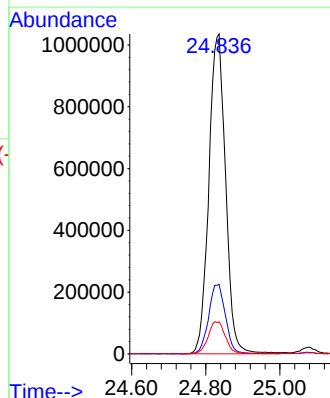
Manual Integrations
APPROVED

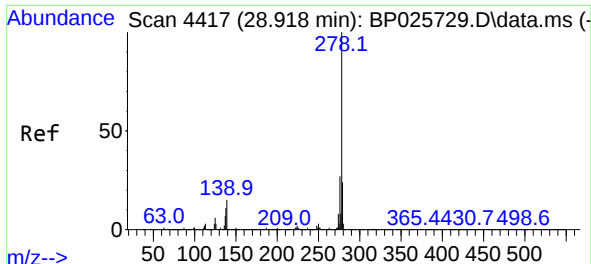
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#90
Benzo(a)pyrene
Concen: 46.620 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Tgt Ion:252 Resp: 3239085
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.1 8.3 12.5





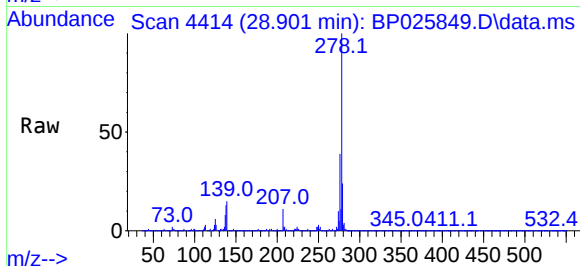
#91
Dibenzo(a,h)anthracene
Concen: 49.914 ng
RT: 28.901 min Scan# 4414
Delta R.T. -0.018 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27

Instrument :

BNA_P

ClientSampleId :

VNJ-245MSD

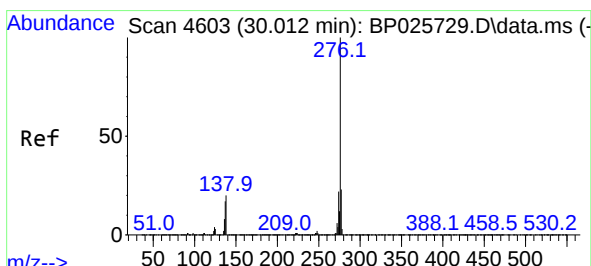
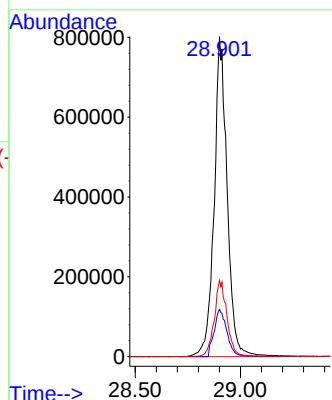
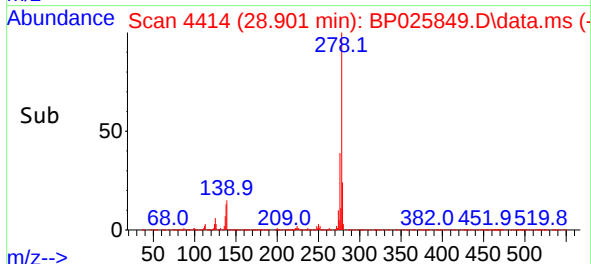


Tgt Ion:278 Resp: 3446264
Ion Ratio Lower Upper
278 100
139 14.8 12.1 18.1
279 23.8 19.6 29.4

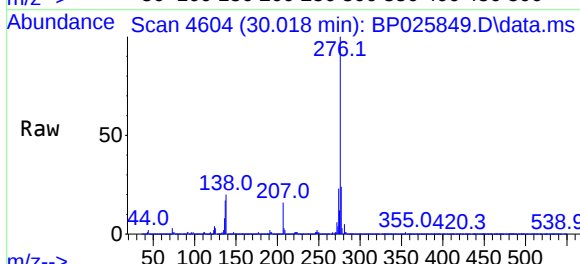
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.441 ng
RT: 30.018 min Scan# 4604
Delta R.T. 0.006 min
Lab File: BP025849.D
Acq: 24 Sep 2025 17:27



Tgt Ion:276 Resp: 3153303
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 20.1 16.0 24.0

