

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141339.D
 Acq On : 31 Jan 2025 18:44
 Operator : RC/JU
 Sample : Q1218-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 22:30:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	131554	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	434471	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	208861	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	316494	20.000	ng	0.00
76) Chrysene-d12	13.968	240	287072	20.000	ng	0.00
86) Perylene-d12	15.427	264	323532	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1006731	117.483	ng	0.02
7) Phenol-d6	6.445	99	1179948	108.241	ng	0.00
23) Nitrobenzene-d5	7.363	82	765234	92.850	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	230592	120.428	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1255992	92.560	ng	0.00
79) Terphenyl-d14	12.910	244	1178895	63.332	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	145647m	38.647	ng	
3) Pyridine	3.434	79	187577	20.658	ng	98
4) n-Nitrosodimethylamine	3.340	42	195301	37.651	ng	99
6) Aniline	6.469	93	163092	17.674	ng	# 21
8) 2-Chlorophenol	6.592	128	360773	39.280	ng	96
9) Benzaldehyde	6.351	77	153189	24.261	ng	98
10) Phenol	6.457	94	413280	35.764	ng	95
11) bis(2-Chloroethyl)ether	6.540	93	357731	40.375	ng	97
12) 1,3-Dichlorobenzene	6.740	146	362442	35.790	ng	100
13) 1,4-Dichlorobenzene	6.822	146	363387	35.719	ng	99
14) 1,2-Dichlorobenzene	6.969	146	343621	36.070	ng	99
15) Benzyl Alcohol	6.957	79	290713	39.023	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	598595	38.852	ng	86
17) 2-Methylphenol	7.063	107	270922	36.294	ng	95
18) Hexachloroethane	7.310	117	143756	38.303	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	240598	37.144	ng	99
20) 3+4-Methylphenols	7.210	107	325334	35.496	ng	# 80
22) Acetophenone	7.210	105	508642	49.252	ng	# 98
24) Nitrobenzene	7.387	77	406912	47.643	ng	98
25) Isophorone	7.628	82	565439	39.690	ng	99
26) 2-Nitrophenol	7.698	139	149802	37.190	ng	93
27) 2,4-Dimethylphenol	7.739	122	223609m	43.614	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	297915	32.783	ng	98
29) 2,4-Dichlorophenol	7.945	162	259327	41.317	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	285426	39.819	ng	100
31) Naphthalene	8.104	128	881744	38.417	ng	100
32) Benzoic acid	8.381	122	18590870m	3944.485	ng	
33) 4-Chloroaniline	8.175	127	82153	10.555	ng	# 13
34) Hexachlorobutadiene	8.222	225	143844	34.219	ng	99
35) Caprolactam	8.686	113	70743	34.511	ng	92
36) 4-Chloro-3-methylphenol	8.645	107	265987	39.508	ng	99
37) 2-Methylnaphthalene	8.798	142	600465	41.162	ng	100
38) 1-Methylnaphthalene	8.898	142	582706	40.664	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	302846	50.968	ng	98
41) Hexachlorocyclopentadiene	8.951	237	360130	205.225	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	180517	46.415	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

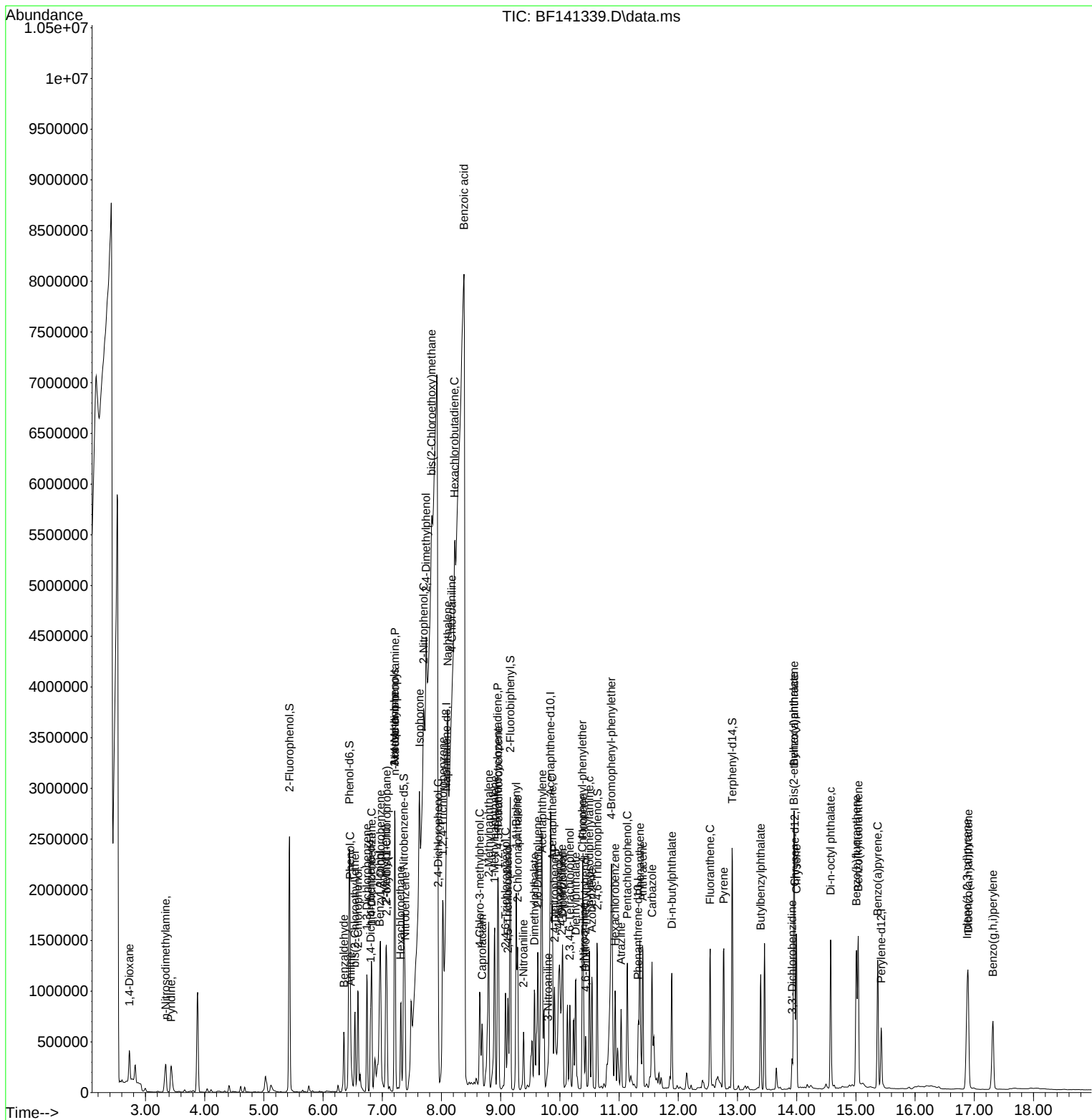
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	179658	42.443	ng	99
46) 1,1'-Biphenyl	9.263	154	828878	50.887	ng	100
47) 2-Chloronaphthalene	9.286	162	553920	43.629	ng	99
48) 2-Nitroaniline	9.386	65	139480	34.927	ng	98
49) Acenaphthylene	9.704	152	790027	44.453	ng	100
50) Dimethylphthalate	9.569	163	588865	41.744	ng	99
51) 2,6-Dinitrotoluene	9.628	165	124531	38.021	ng	92
52) Acenaphthene	9.875	154	605265m	47.672	ng	
53) 3-Nitroaniline	9.798	138	36577	11.394	ng	98
54) 2,4-Dinitrophenol	9.910	184	161698	106.201	ng	98
55) Dibenzofuran	10.051	168	720182	42.376	ng	100
56) 4-Nitrophenol	9.980	139	194516	82.853	ng	98
57) 2,4-Dinitrotoluene	10.033	165	162973	38.431	ng	95
58) Fluorene	10.392	166	543864	41.256	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	144115	43.276	ng	99
60) Diethylphthalate	10.269	149	540663	39.529	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	266568	41.397	ng	98
62) 4-Nitroaniline	10.404	138	84643	26.819	ng	99
63) Azobenzene	10.539	77	562497	41.085	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	92916	49.633	ng	94
66) n-Nitrosodiphenylamine	10.498	169	461781	45.111	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	150571	42.495	ng	98
68) Hexachlorobenzene	10.933	284	165980	44.161	ng	99
69) Atrazine	11.033	200	121271	35.433	ng	98
70) Pentachlorophenol	11.139	266	215923	98.106	ng	99
71) Phenanthrene	11.351	178	745904	43.844	ng	100
72) Anthracene	11.398	178	762409	45.737	ng	100
73) Carbazole	11.557	167	635428	42.989	ng	99
74) Di-n-butylphthalate	11.892	149	806567	45.026	ng	100
75) Fluoranthene	12.539	202	774173	46.086	ng	100
78) Pyrene	12.769	202	806413	29.264	ng	99
80) Butylbenzylphthalate	13.392	149	361248	37.525	ng	98
81) Benzo(a)anthracene	13.957	228	763079	38.521	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	91920	14.589	ng	100
83) Chrysene	13.998	228	769489	42.385	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	493990	40.451	ng	98
85) Di-n-octyl phthalate	14.574	149	941792	49.652	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	807515	38.671	ng	100
88) Benzo(b)fluoranthene	15.010	252	843784	41.462	ng	99
89) Benzo(k)fluoranthene	15.039	252	808333	44.836	ng	100
90) Benzo(a)pyrene	15.368	252	775987	45.122	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	659105	39.232	ng	100
92) Benzo(g,h,i)perylene	17.315	276	602691	34.502	ng	100

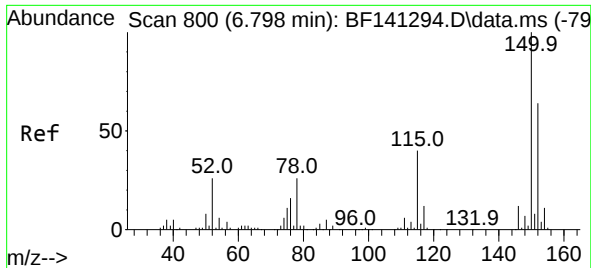
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Manual Integrations

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

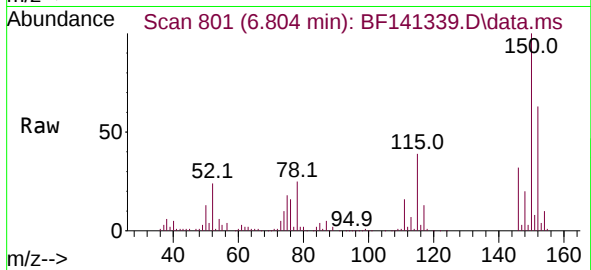
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

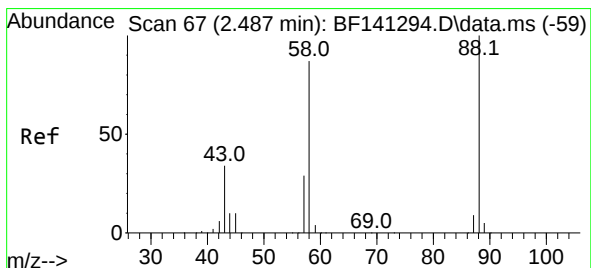
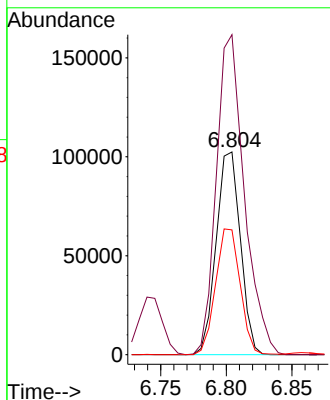
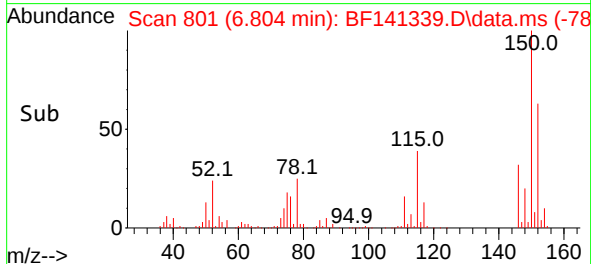
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



Tgt Ion:152 Resp: 131554
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 61.5 49.7 74.5

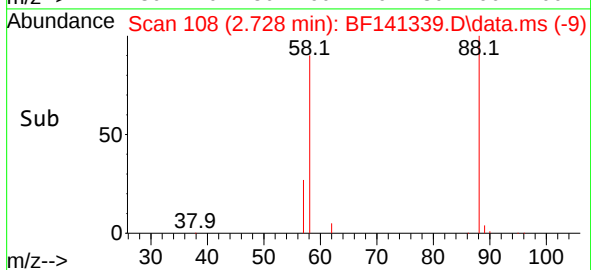
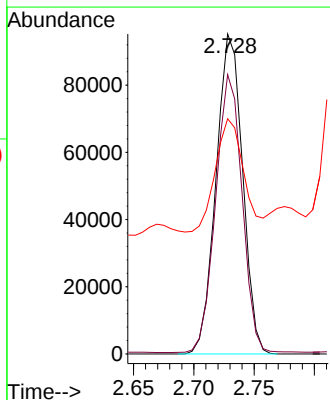
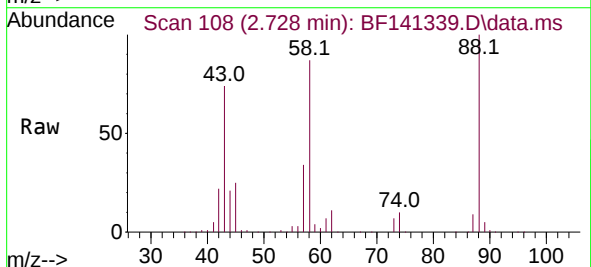
Manual Integrations
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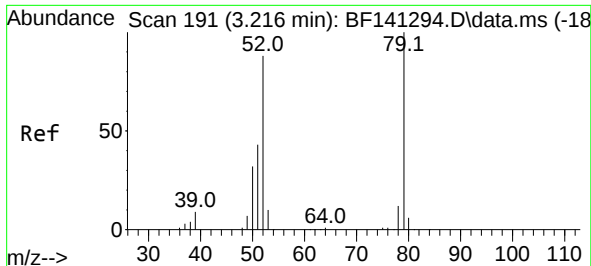
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 38.647 ng m
RT: 2.728 min Scan# 108
Delta R.T. 0.235 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

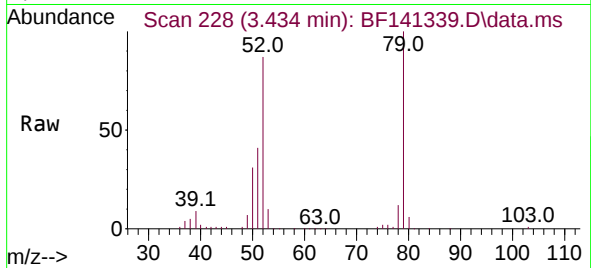
Tgt Ion: 88 Resp: 145647
Ion Ratio Lower Upper
88 100
58 132.6 70.2 105.4#
43 5191.4 27.6 41.4#





#3
Pyridine
Concen: 20.658 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.206 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

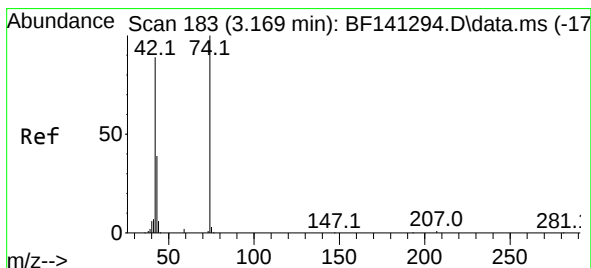
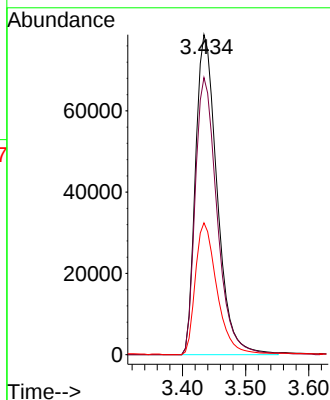
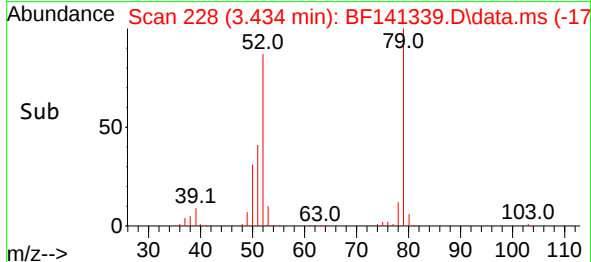
Instrument :
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ClientSampleId :
BELL-25-002MS



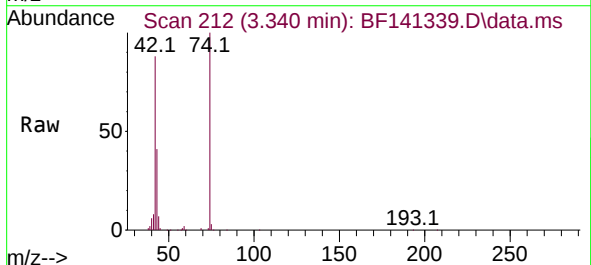
Tgt Ion: 79 Resp: 18757
Ion Ratio Lower Upper
79 100
52 86.6 70.3 105.5
51 41.2 34.3 51.5

Manual Integrations
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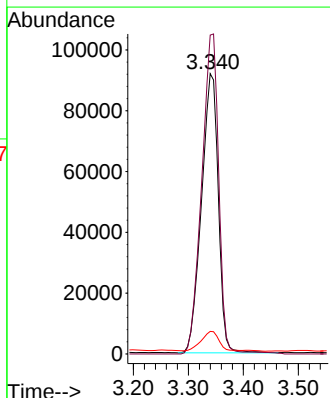
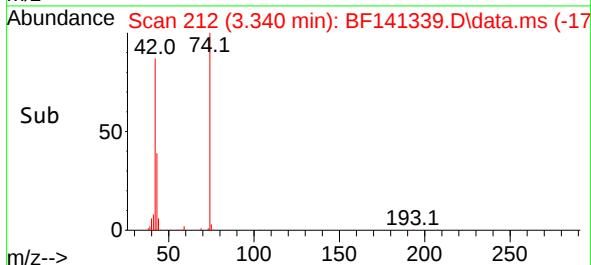
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

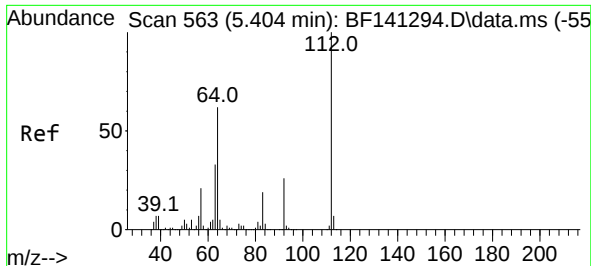


#4
n-Nitrosodimethylamine
Concen: 37.651 ng
RT: 3.340 min Scan# 212
Delta R.T. 0.141 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



Tgt Ion: 42 Resp: 195301
Ion Ratio Lower Upper
42 100
74 113.7 90.3 135.5
44 8.1 5.7 8.5





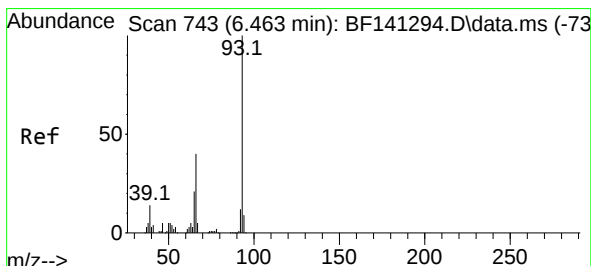
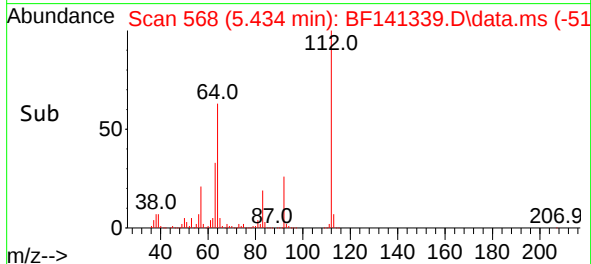
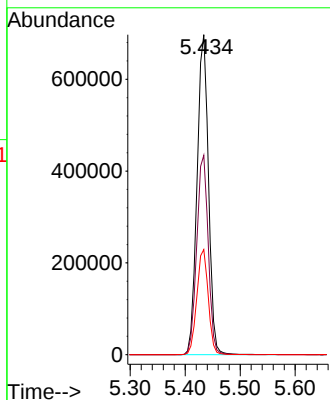
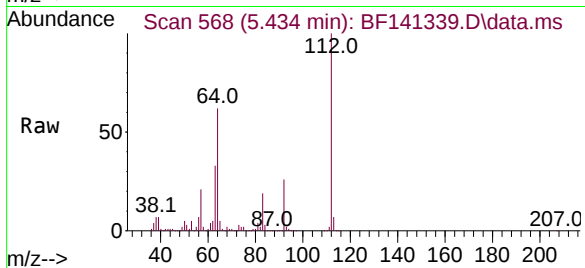
#5
2-Fluorophenol
Concen: 117.483 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion:112 Resp: 100673
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 32.8 26.1 39.1

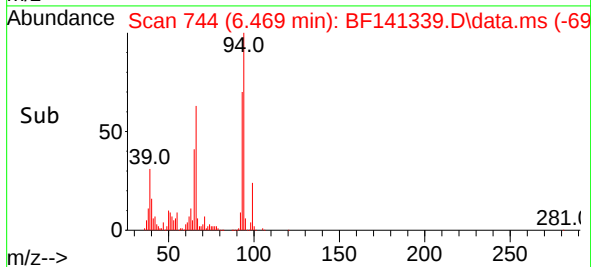
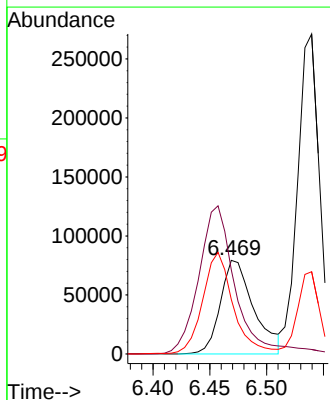
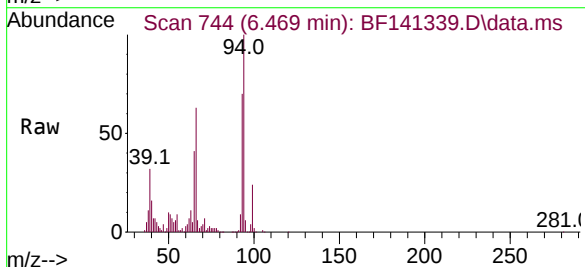
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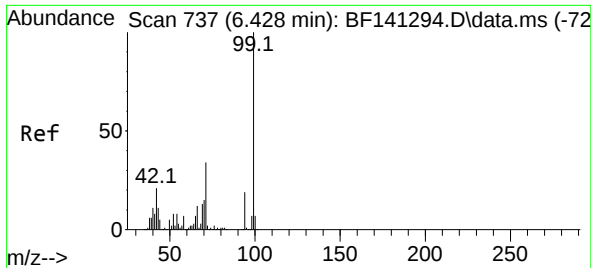
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 17.674 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion: 93 Resp: 163092
Ion Ratio Lower Upper
93 100
66 89.6 32.5 48.7#
65 58.2 17.0 25.6#





#7

Phenol-d6

Concen: 108.241 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MS

Tgt Ion: 99 Resp: 117994

Ion Ratio Lower Upper

99 100

42 21.1 17.1 25.7

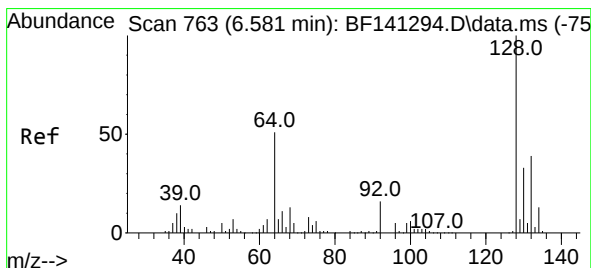
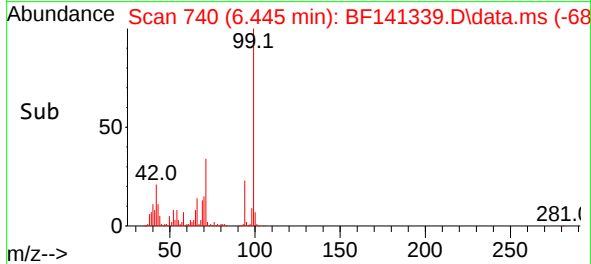
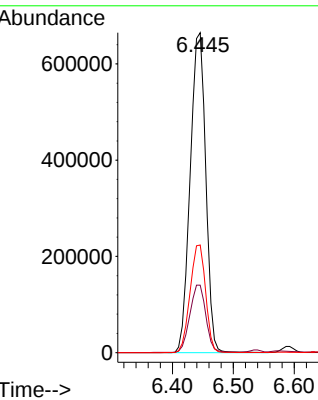
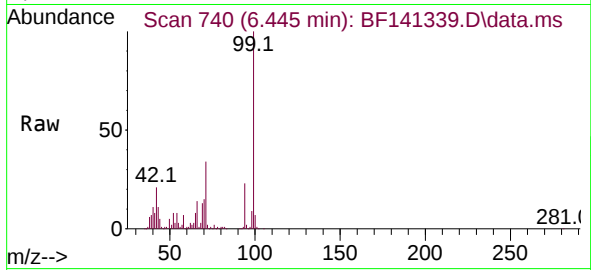
71 33.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#8

2-Chlorophenol

Concen: 39.280 ng

RT: 6.592 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

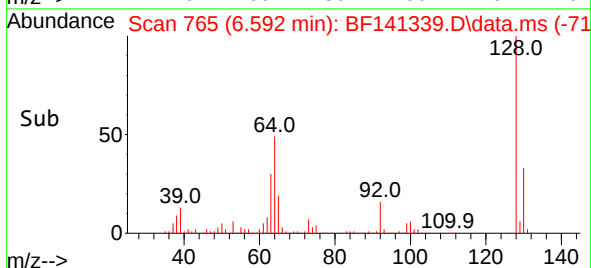
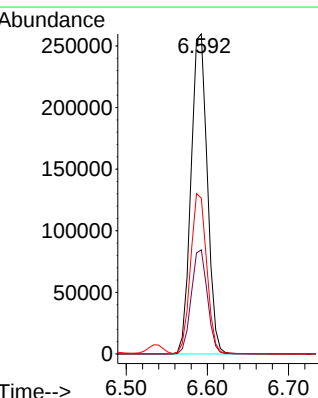
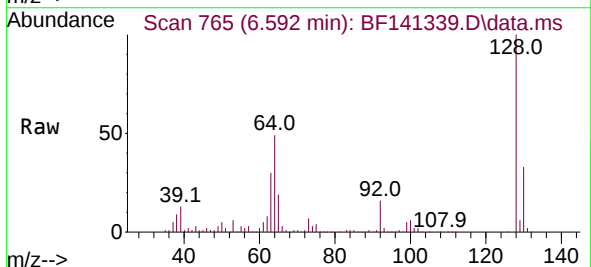
Tgt Ion:128 Resp: 360773

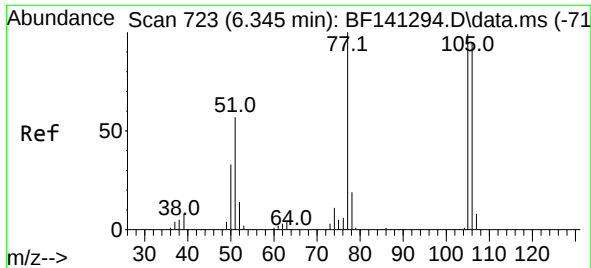
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 48.7 32.9 72.9





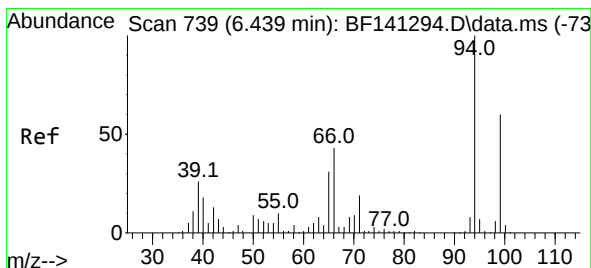
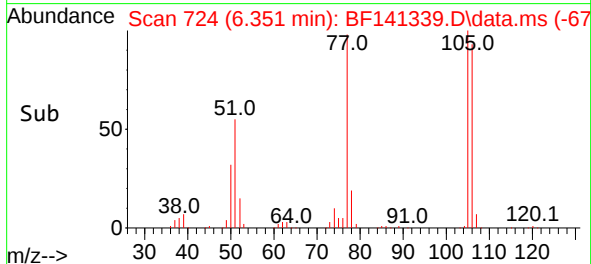
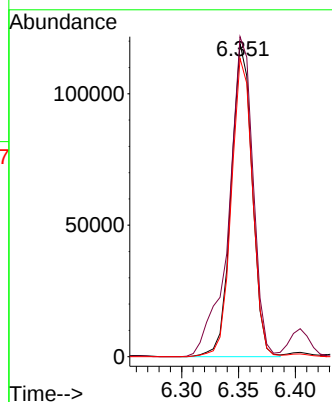
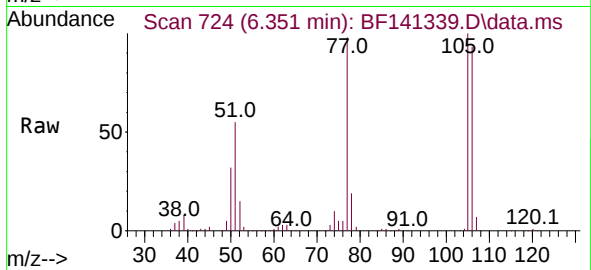
#9
Benzaldehyde
Concen: 24.261 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion: 77 Resp: 153189
Ion Ratio Lower Upper
77 100
105 102.2 79.4 119.4
106 95.3 74.6 114.6

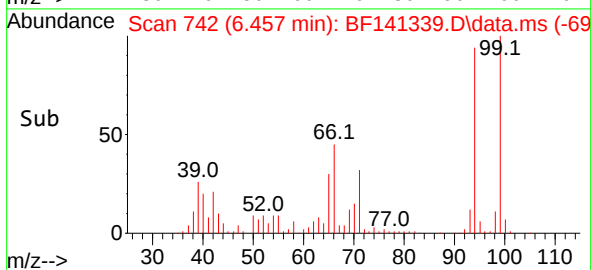
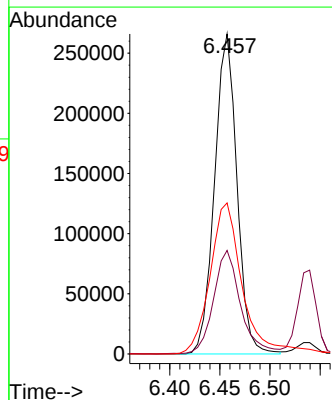
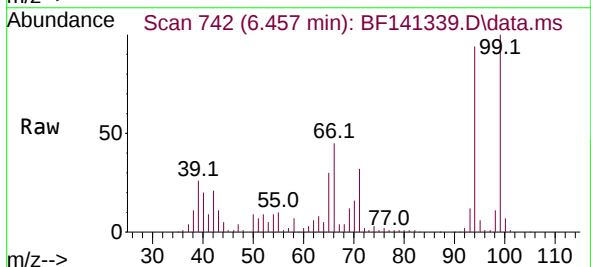
Manual Integrations
APPROVED

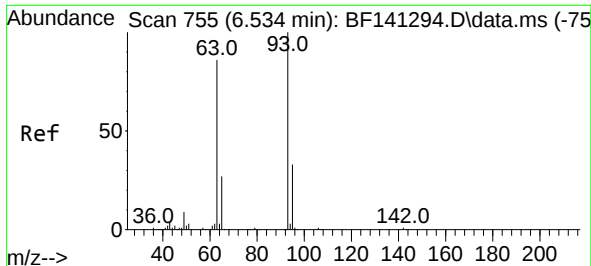
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 35.764 ng
RT: 6.457 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion: 94 Resp: 413280
Ion Ratio Lower Upper
94 100
65 32.4 10.8 50.8
66 47.2 23.3 63.3





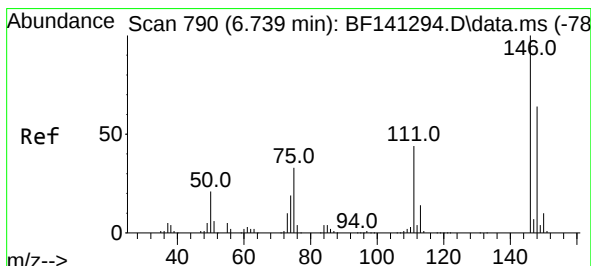
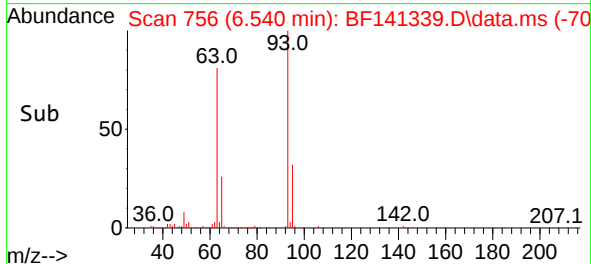
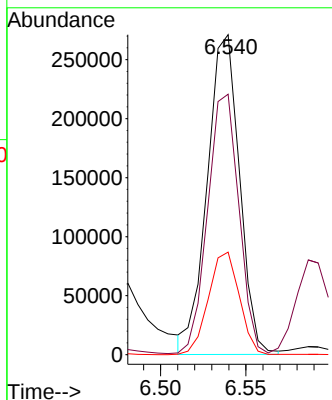
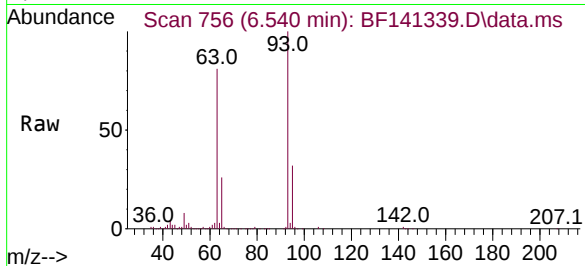
#11
bis(2-Chloroethyl)ether
Concen: 40.375 ng
RT: 6.540 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion: 93 Resp: 35773
Ion Ratio Lower Upper
93 100
63 81.4 65.0 105.0
95 32.1 12.4 52.4

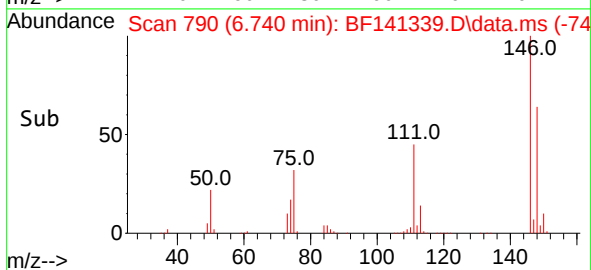
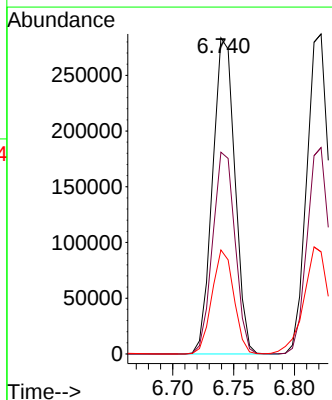
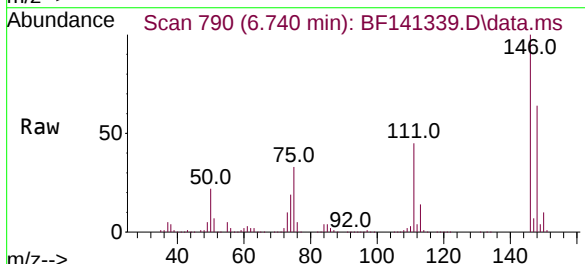
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 35.790 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

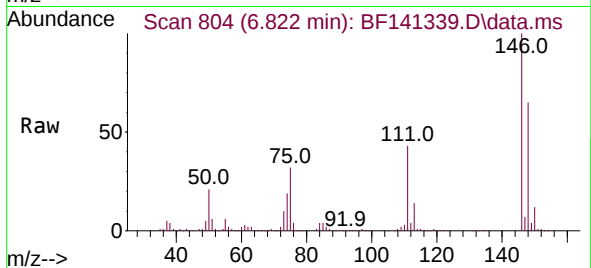
Tgt Ion:146 Resp: 362442
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 32.9 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 35.719 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

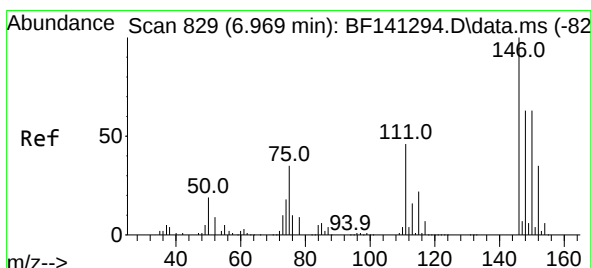
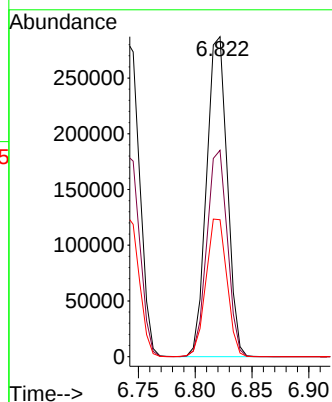
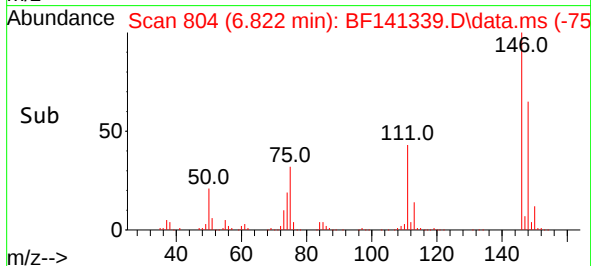
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



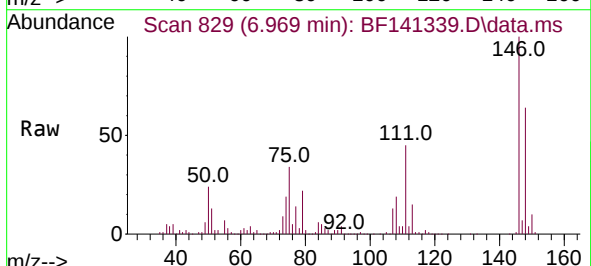
Tgt Ion:146 Resp: 36338
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 42.8 35.0 52.4

Manual Integrations
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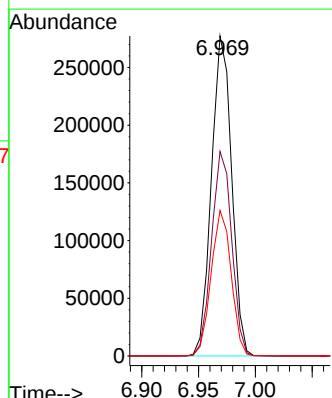
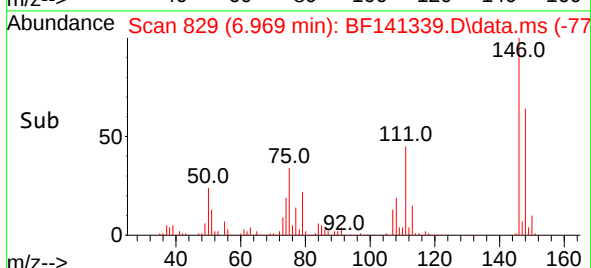
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

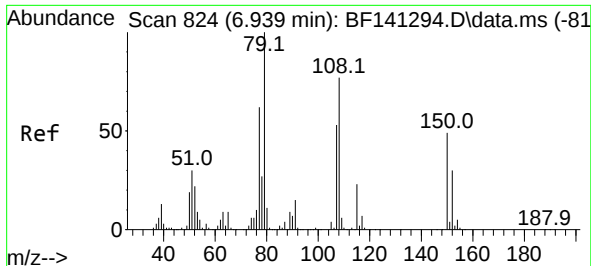


#14
1,2-Dichlorobenzene
Concen: 36.070 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



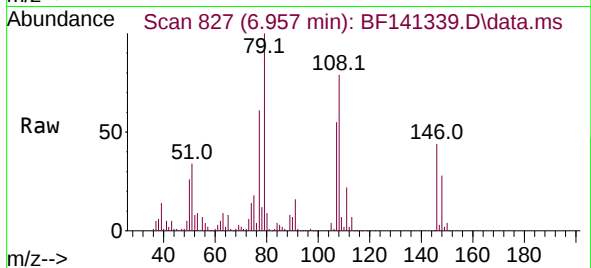
Tgt Ion:146 Resp: 343621
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 45.5 36.6 55.0





#15
Benzyl Alcohol
Concen: 39.023 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

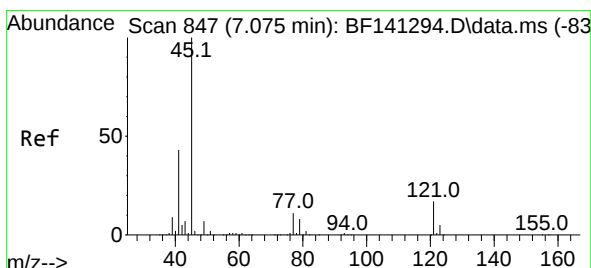
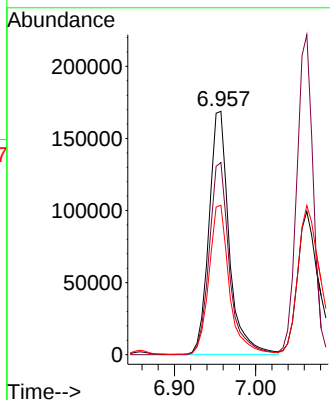
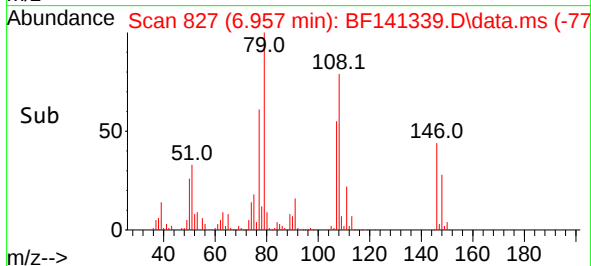
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



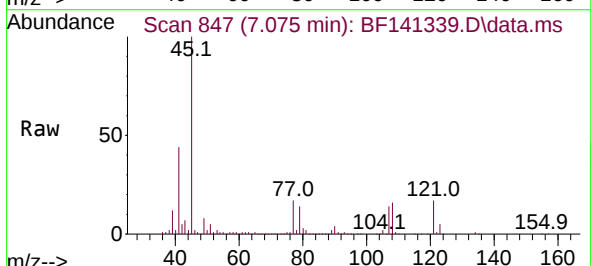
Tgt Ion: 79 Resp: 29071
Ion Ratio Lower Upper
79 100
108 79.0 61.4 92.0
77 61.4 49.9 74.9

Manual Integrations
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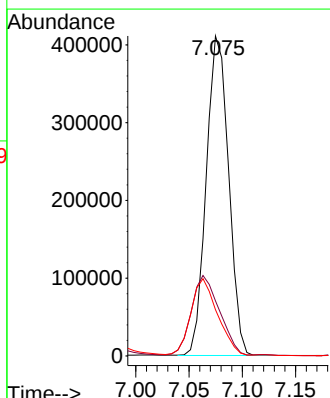
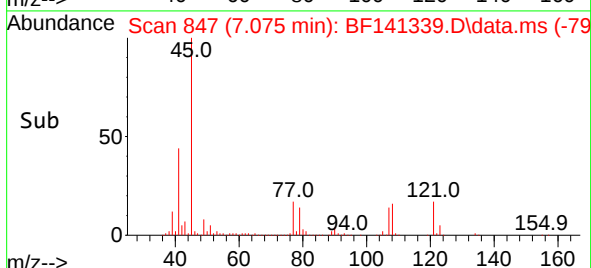
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

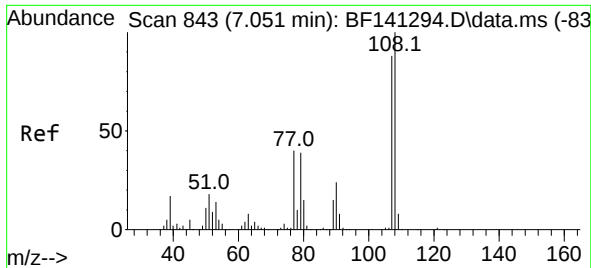


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.852 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



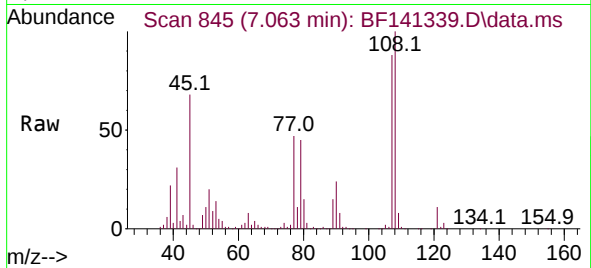
Tgt Ion: 45 Resp: 598595
Ion Ratio Lower Upper
45 100
77 17.2 0.0 31.8
79 14.5 0.0 29.1





#17
2-Methylphenol
Concen: 36.294 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

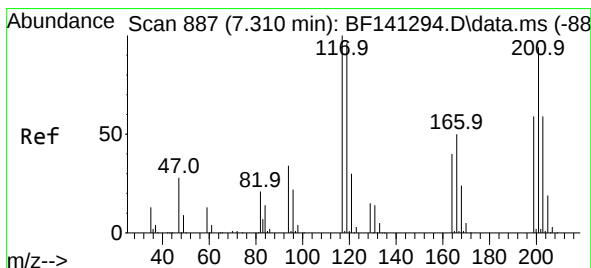
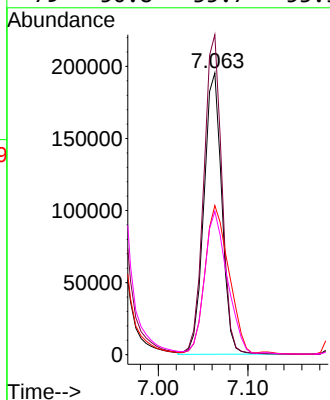
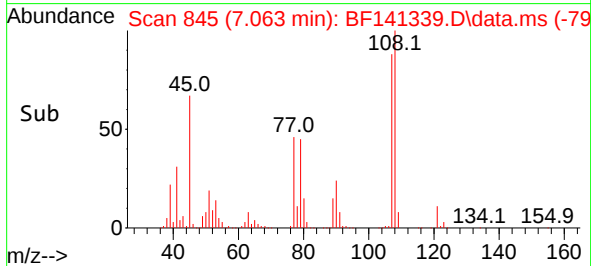
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



Tgt Ion:107 Resp: 27092.0
Ion Ratio Lower Upper
107 100
108 113.6 90.8 136.2
77 52.9 36.2 54.4
79 50.8 35.7 53.5

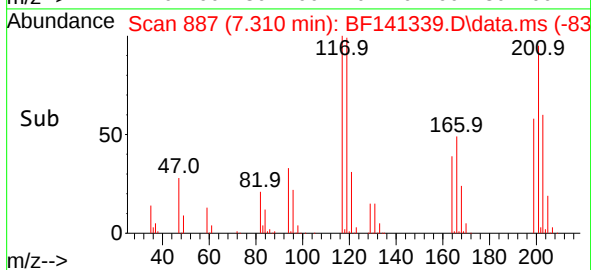
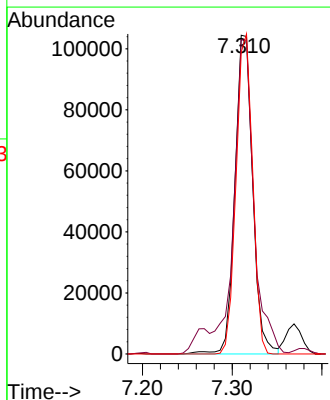
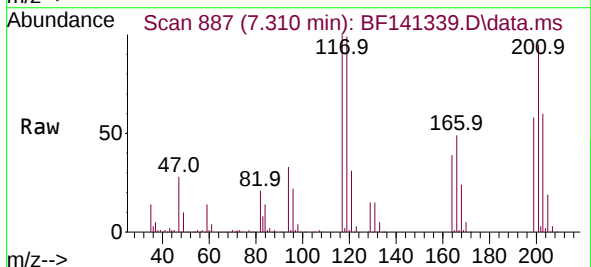
Manual Integrations
APPROVED

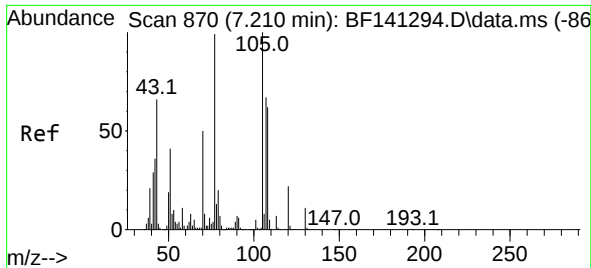
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 38.303 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

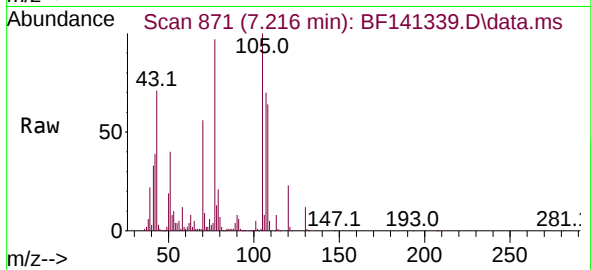
Tgt Ion:117 Resp: 143756
Ion Ratio Lower Upper
117 100
119 98.5 76.6 114.8
201 94.7 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 37.144 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

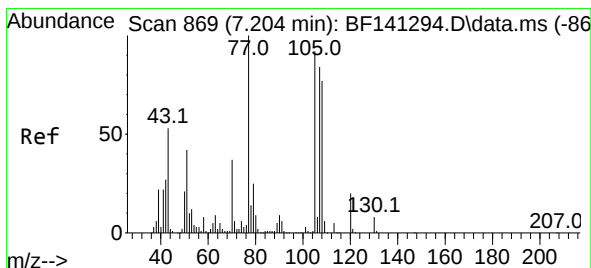
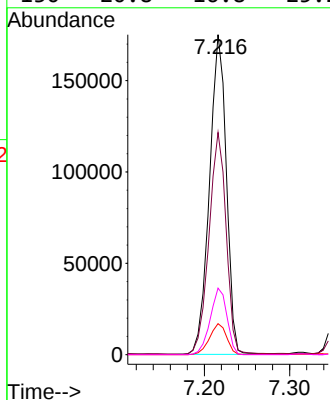
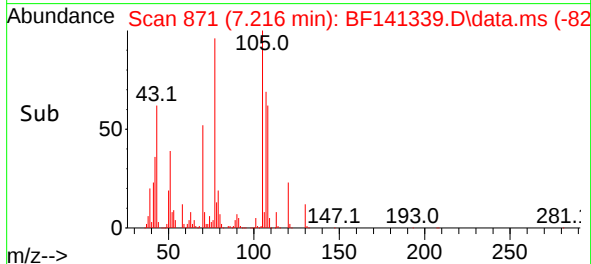
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



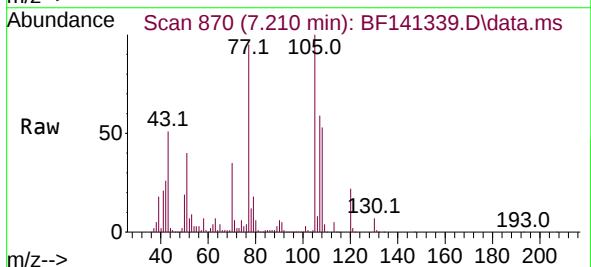
Tgt Ion: 70 Resp: 240598
Ion Ratio Lower Upper
70 100
42 69.5 56.8 85.2
101 9.7 7.7 11.5
130 20.8 16.8 25.2

Manual Integrations
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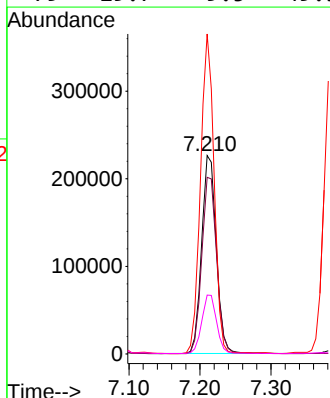
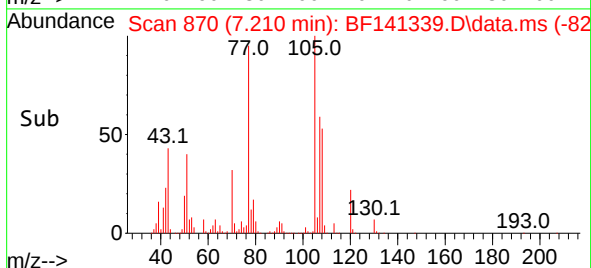
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#20
3+4-Methylphenols
Concen: 35.496 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



Tgt Ion:107 Resp: 325334
Ion Ratio Lower Upper
107 100
108 89.1 70.9 110.9
77 161.3 98.5 138.5#
79 29.7 9.5 49.5





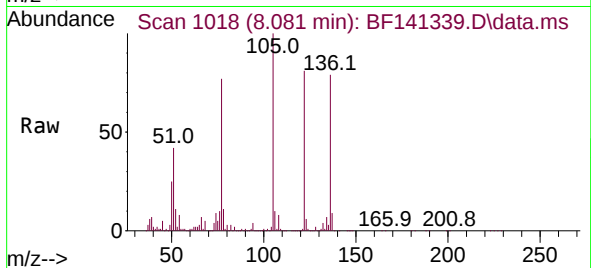
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MS

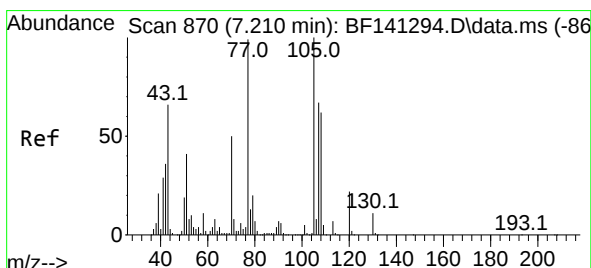
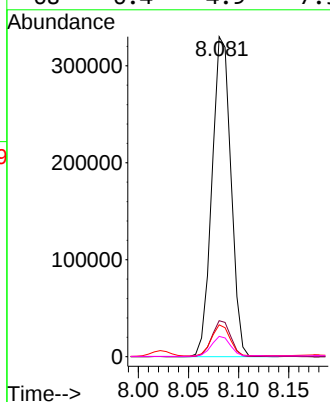
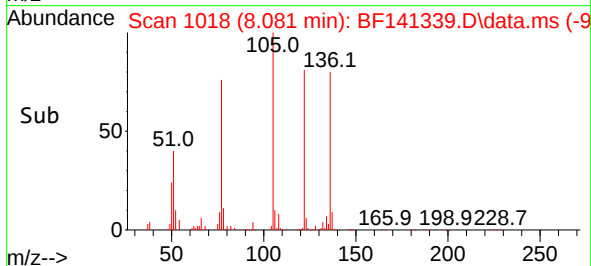


Tgt Ion:136 Resp: 43447
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.0 7.8 11.8
68 6.4 4.9 7.3

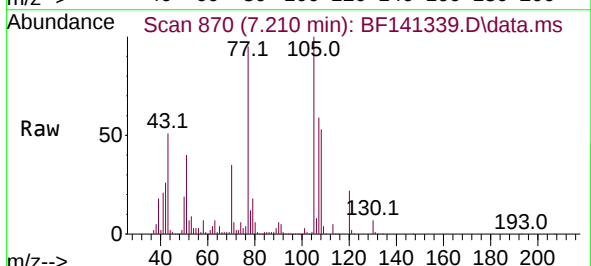
Manual Integrations

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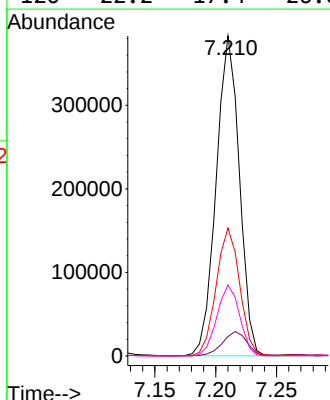
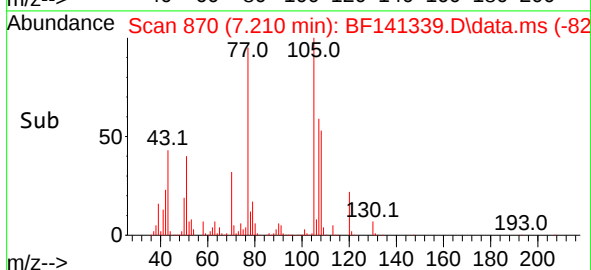
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

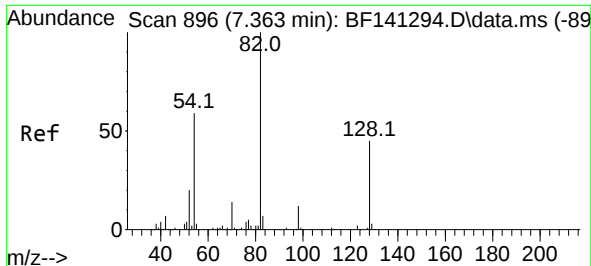


#22
Acetophenone
Concen: 49.252 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



Tgt Ion:105 Resp: 508642
Ion Ratio Lower Upper
105 100
71 6.1 6.8 10.2#
51 40.0 32.6 49.0
120 22.2 17.4 26.0





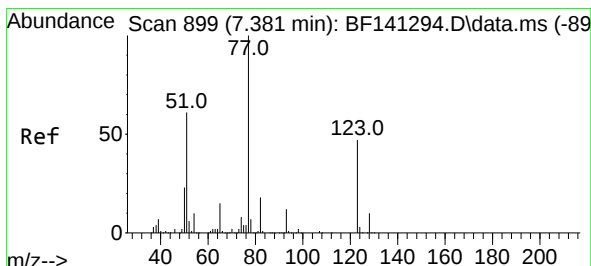
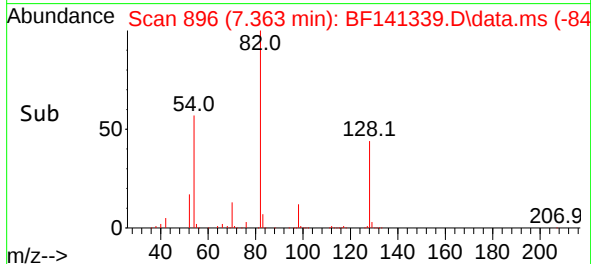
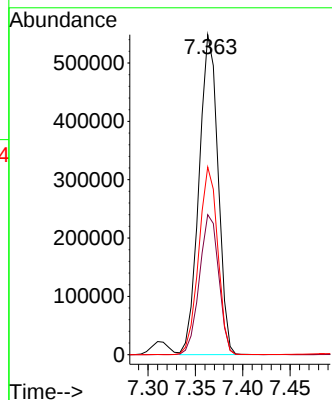
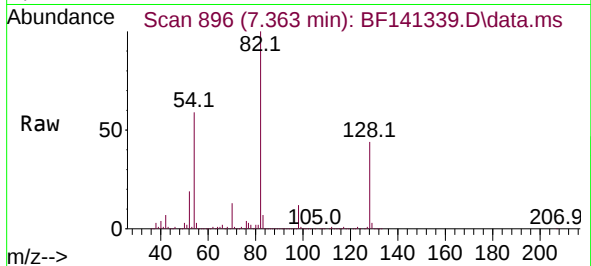
#23
Nitrobenzene-d5
Concen: 92.850 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion: 82 Resp: 765234
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 58.6 47.1 70.7

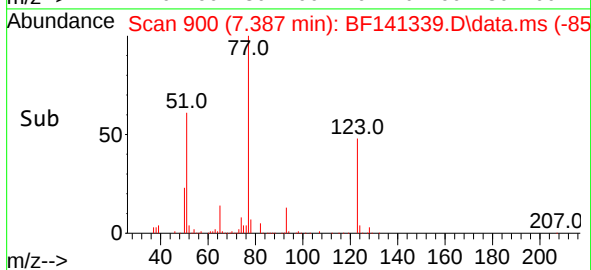
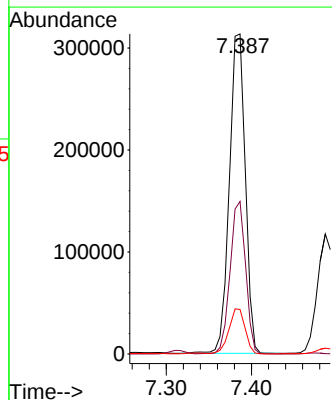
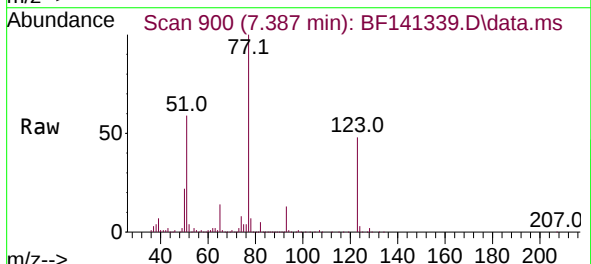
Manual Integrations
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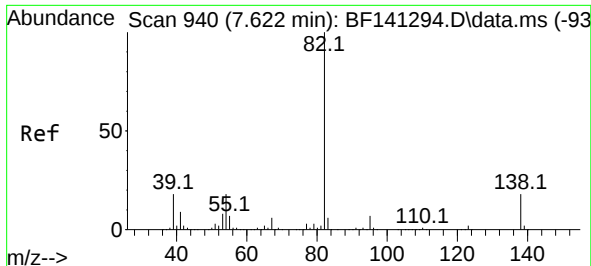
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#24
Nitrobenzene
Concen: 47.643 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion: 77 Resp: 406912
Ion Ratio Lower Upper
77 100
123 47.7 37.3 55.9
65 13.9 11.8 17.6





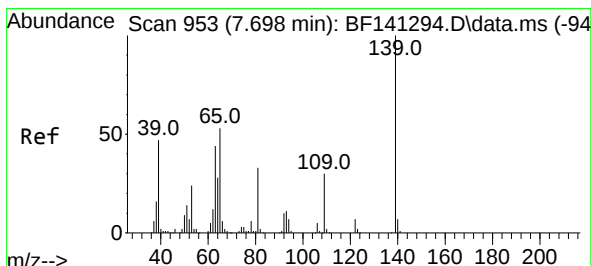
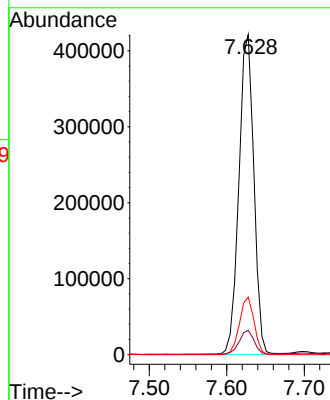
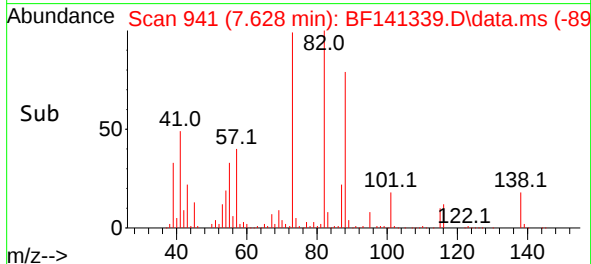
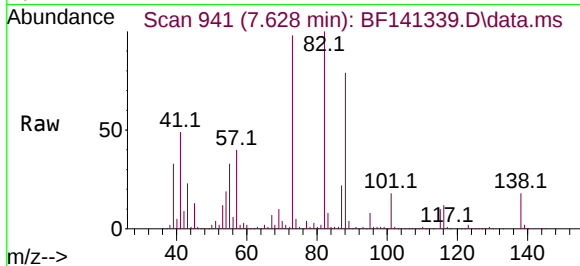
#25
Isophorone
Concen: 39.690 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion: 82 Resp: 565439
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 18.0 14.7 22.1

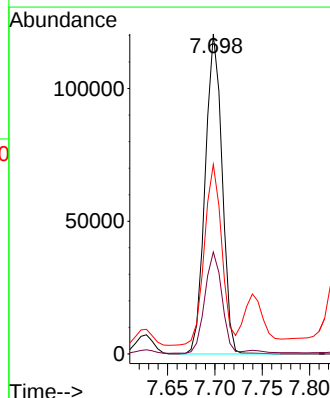
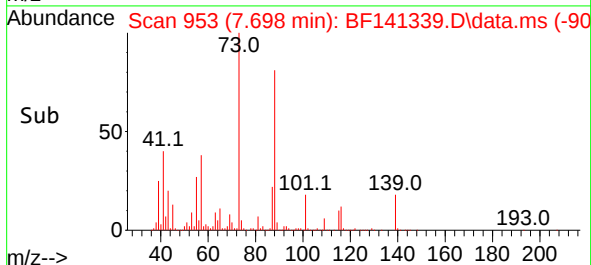
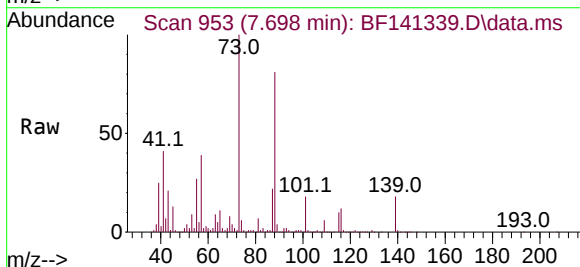
Manual Integrations
APPROVED

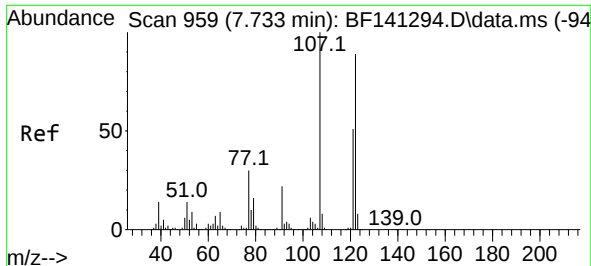
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 37.190 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:139 Resp: 149802
Ion Ratio Lower Upper
139 100
109 31.8 23.8 35.6
65 59.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 43.614 ng m

RT: 7.739 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MS

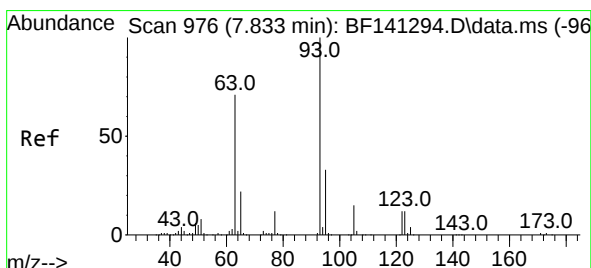
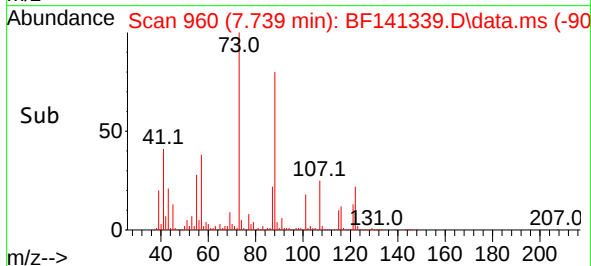
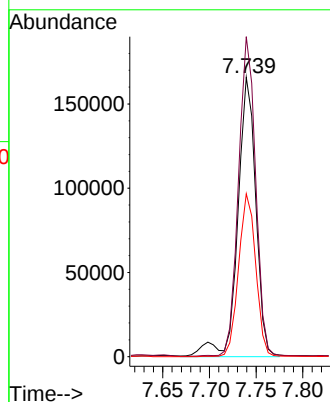
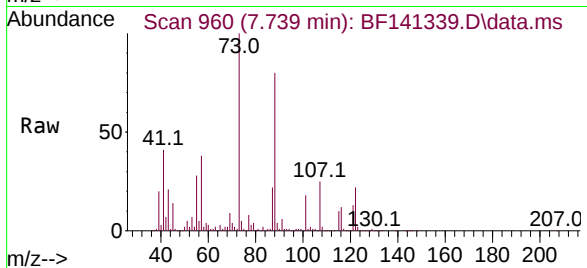
Tgt Ion:122 Resp: 223609

Ion	Ratio	Lower	Upper
122	100		
107	114.6	89.9	134.9
121	58.3	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 32.783 ng

RT: 7.834 min Scan# 976

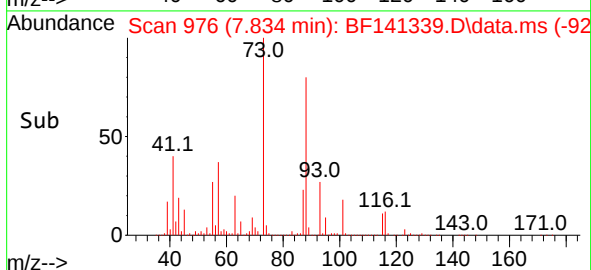
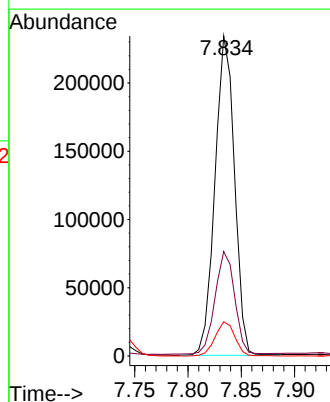
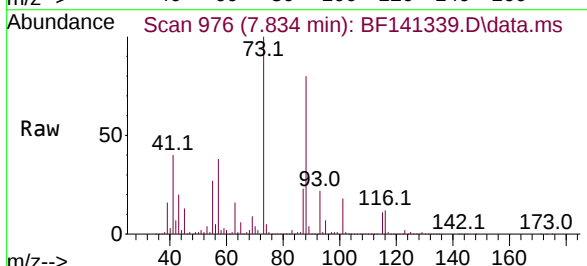
Delta R.T. -0.006 min

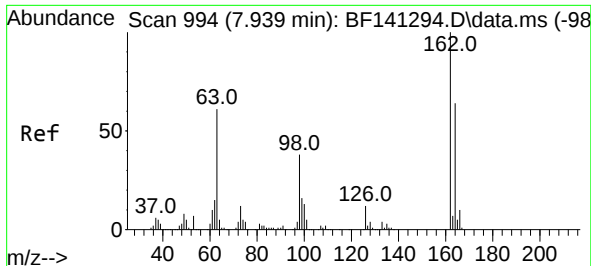
Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Tgt Ion: 93 Resp: 297915

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	10.7	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 41.317 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

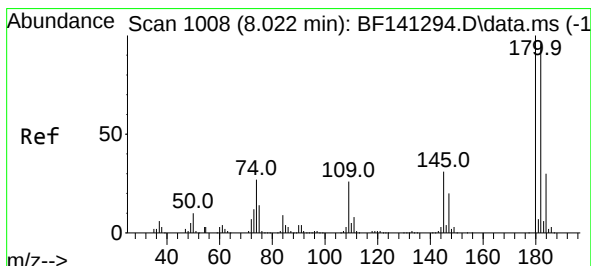
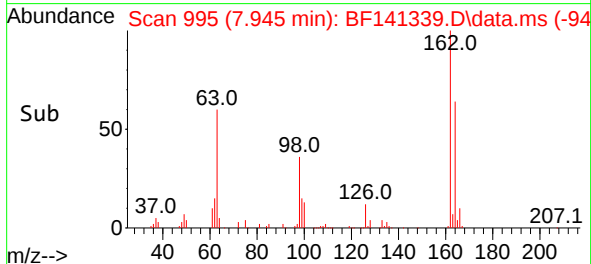
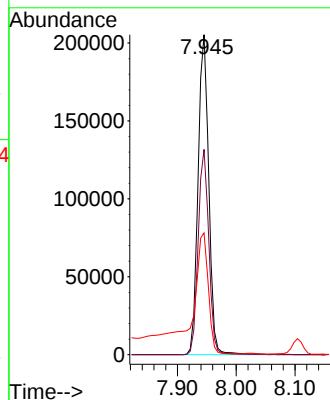
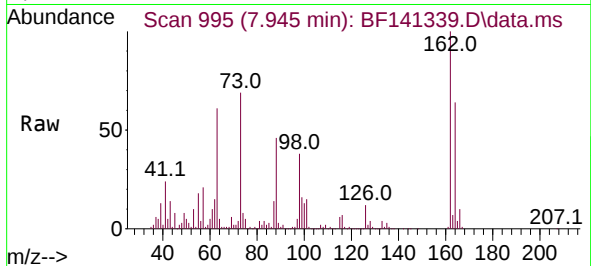
BELL-25-002MS

Tgt Ion:162 Resp: 25932
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.2 84.2
 98 38.0 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.819 ng

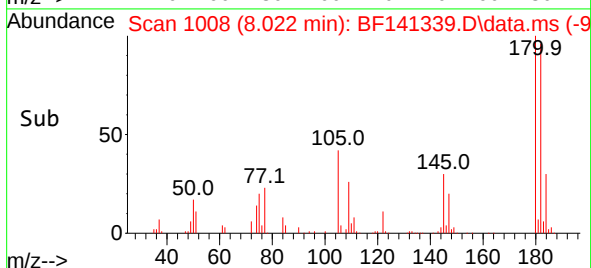
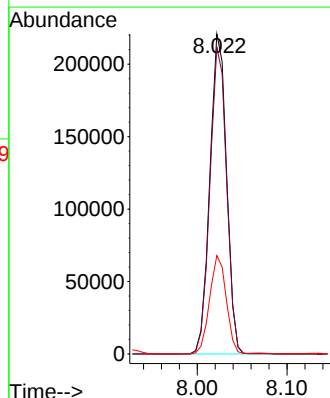
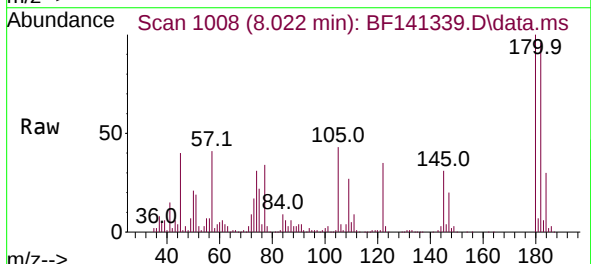
RT: 8.022 min Scan# 1008

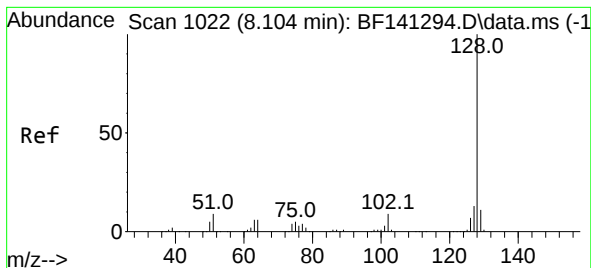
Delta R.T. -0.006 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Tgt Ion:180 Resp: 285426
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.4 114.6
 145 30.7 24.9 37.3





#31

Naphthalene

Concen: 38.417 ng

RT: 8.104 min Scan# 1069

Delta R.T. -0.006 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

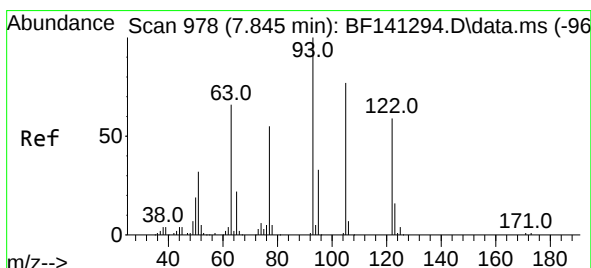
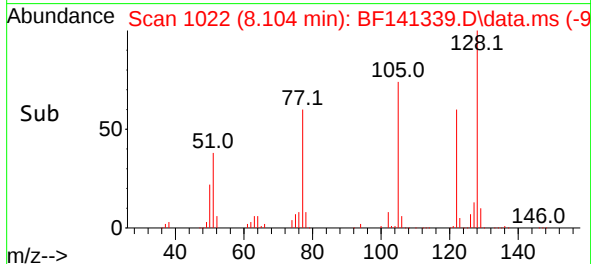
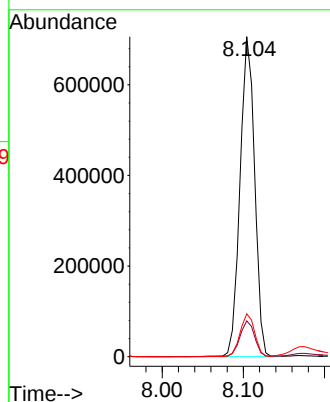
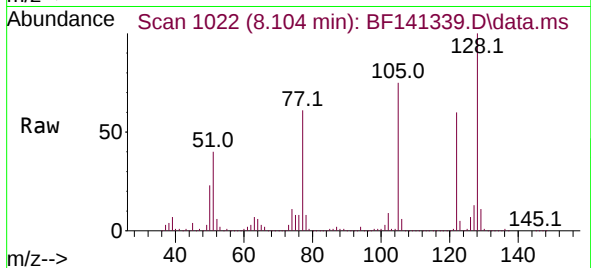
BELL-25-002MS

Tgt Ion:128 Resp: 881744
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.9 13.3
 127 13.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#32

Benzoic acid

Concen: 3944.485 ng m

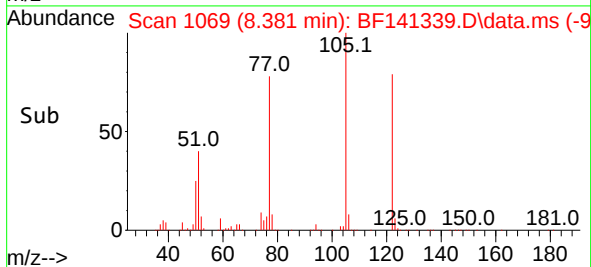
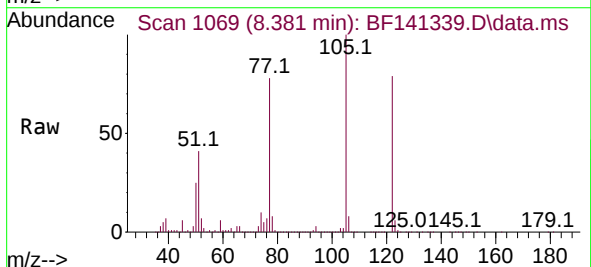
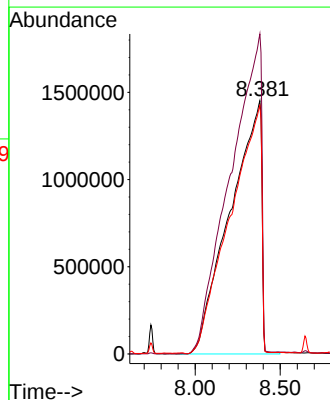
RT: 8.381 min Scan# 1069

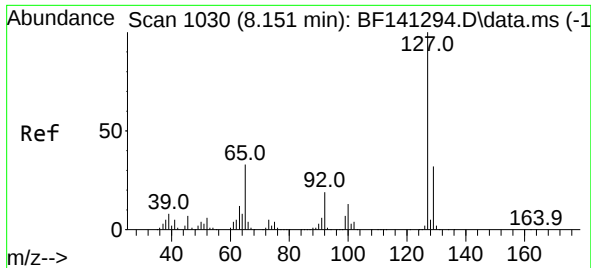
Delta R.T. 0.500 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Tgt Ion:122 Resp:18590870
 Ion Ratio Lower Upper
 122 100
 105 126.4 103.4 143.4
 77 98.1 70.9 110.9





#33
4-Chloroaniline
Concen: 10.555 ng
RT: 8.175 min Scan# 1030
Delta R.T. 0.018 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

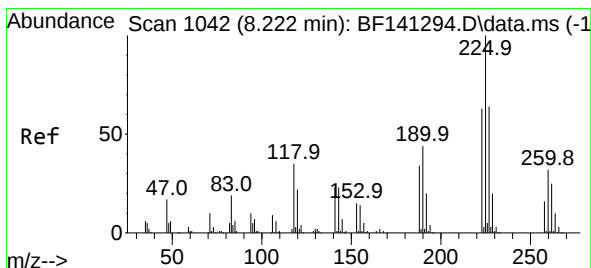
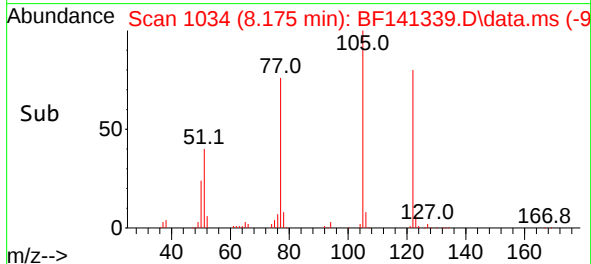
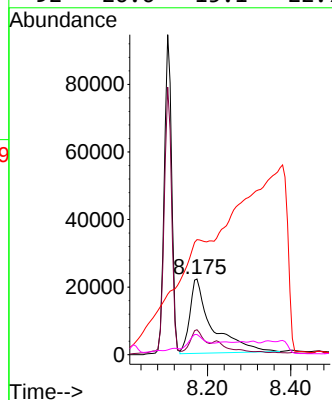
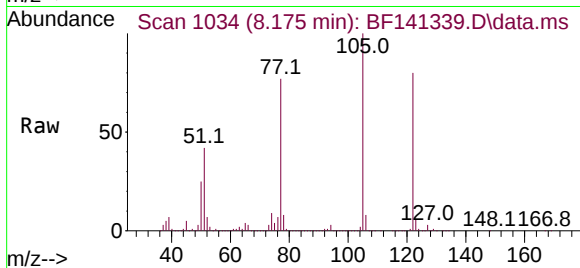
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion:127 Resp: 8215

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	151.9	26.4	39.6
92	26.6	15.1	22.7

Manual Integrations
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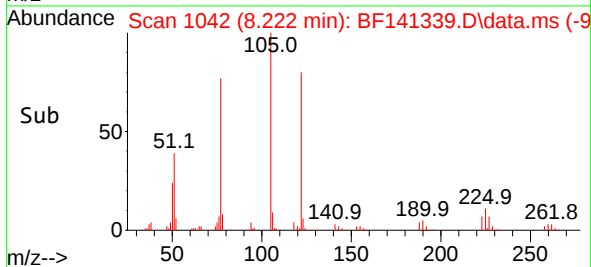
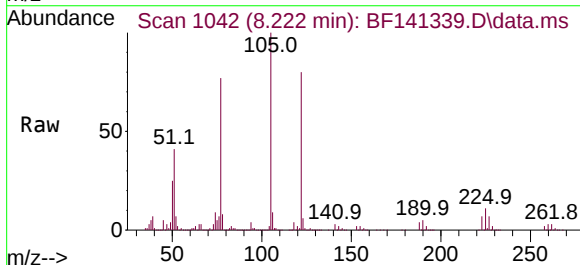
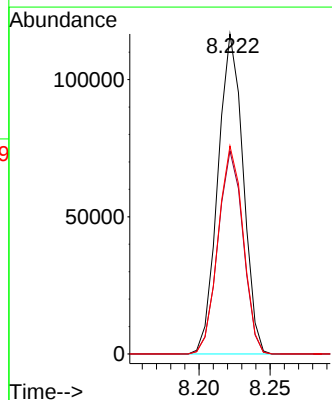
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

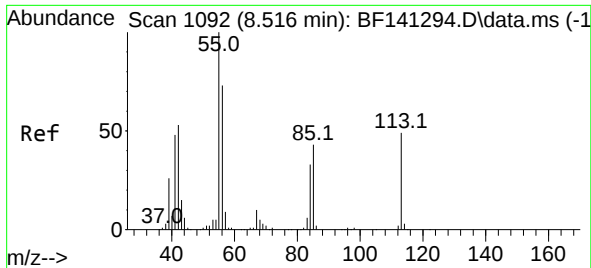


#34
Hexachlorobutadiene
Concen: 34.219 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:225 Resp: 143844

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.4	75.6
227	65.0	51.3	76.9





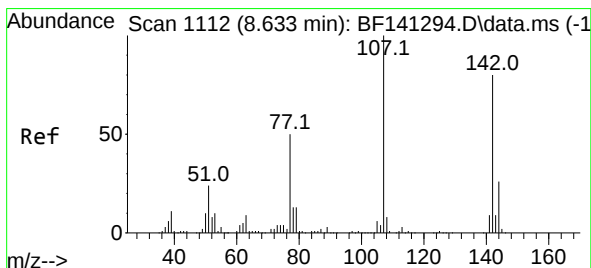
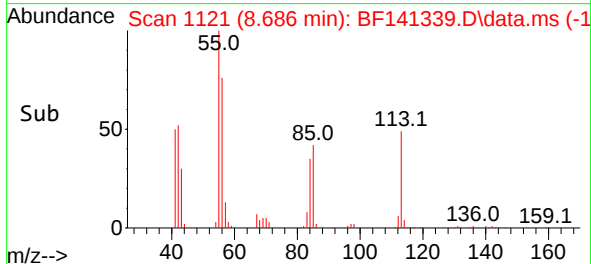
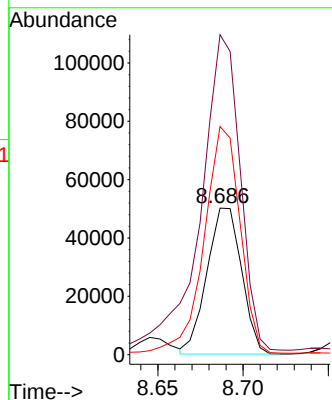
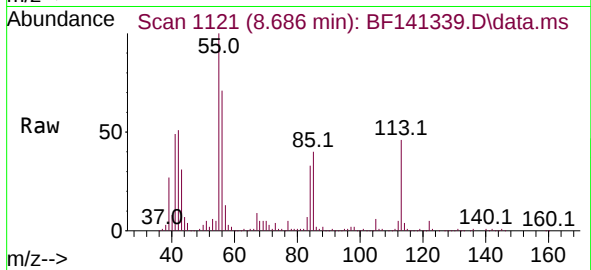
#35
 Caprolactam
 Concen: 34.511 ng
 RT: 8.686 min Scan# 1114
 Delta R.T. 0.141 min
 Lab File: BF141339.D
 Acq: 31 Jan 2025 18:44

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MS

Tgt Ion:113 Resp: 7074
 Ion Ratio Lower Upper
 113 100
 55 218.3 182.9 222.9
 56 155.6 127.9 167.9

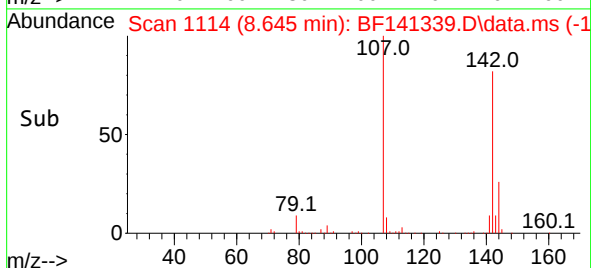
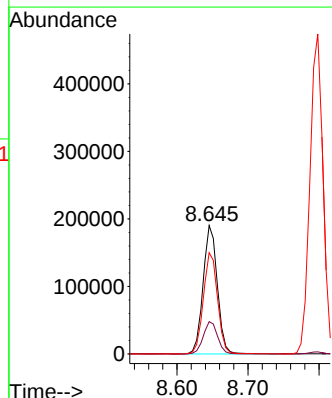
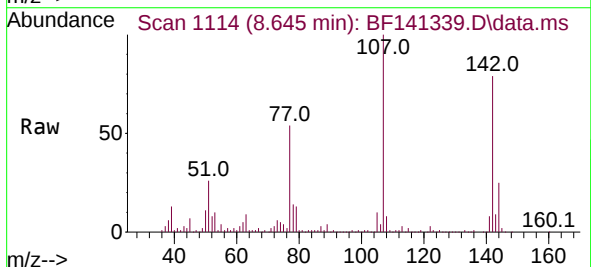
Manual Integrations
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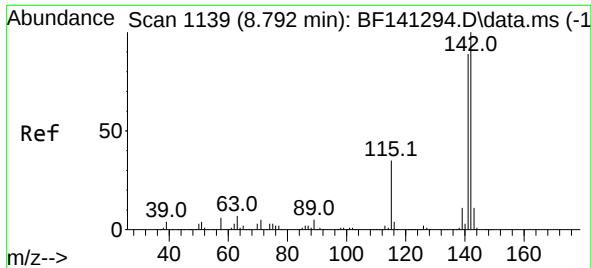
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#36
 4-Chloro-3-methylphenol
 Concen: 39.508 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF141339.D
 Acq: 31 Jan 2025 18:44

Tgt Ion:107 Resp: 265987
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.7 31.1
 142 78.8 63.8 95.8





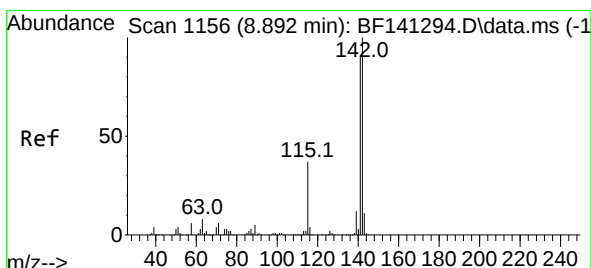
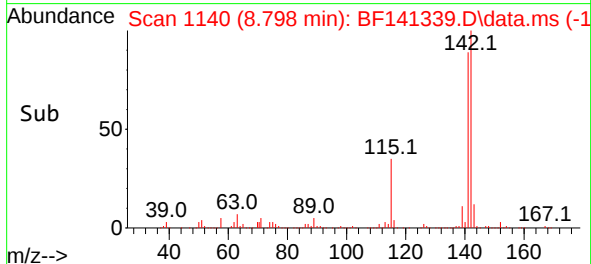
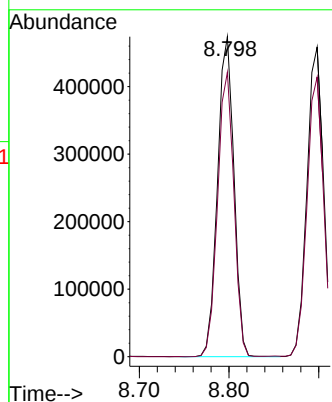
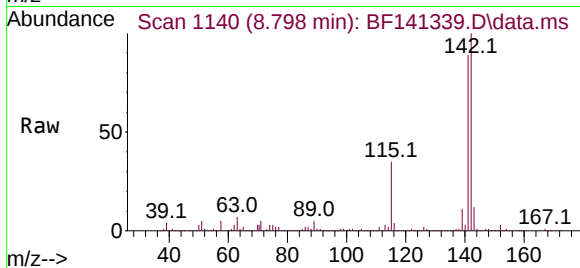
#37
2-Methylnaphthalene
Concen: 41.162 ng
RT: 8.798 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion:142 Resp: 60046
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9

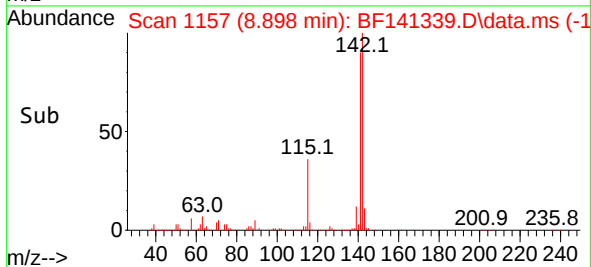
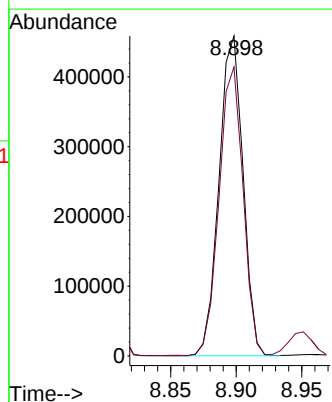
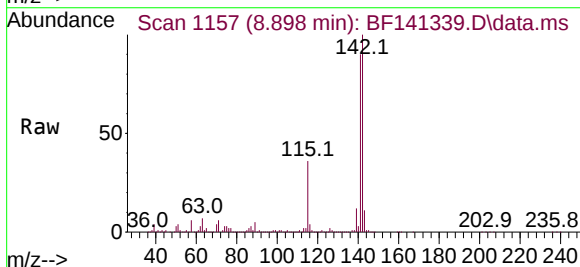
Manual Integrations
APPROVED

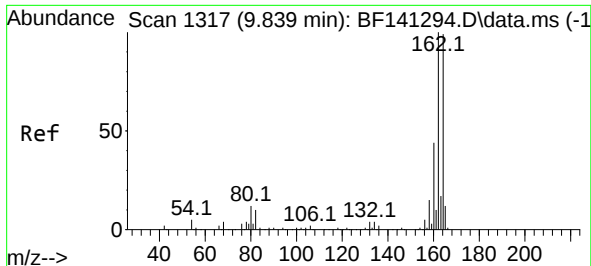
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 40.664 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

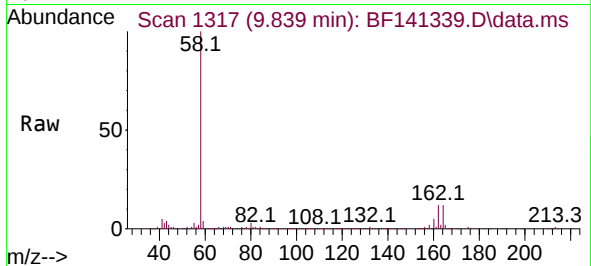
Tgt Ion:142 Resp: 582706
Ion Ratio Lower Upper
142 100
141 90.3 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

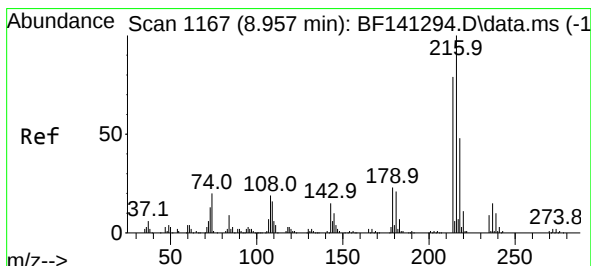
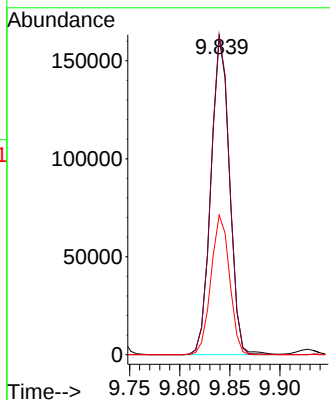
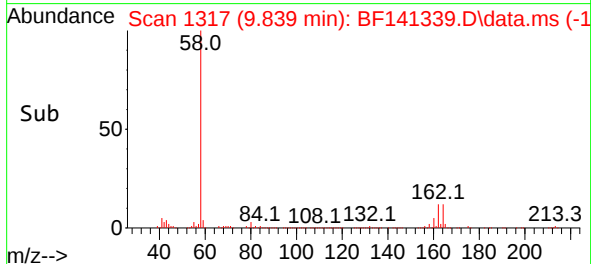
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



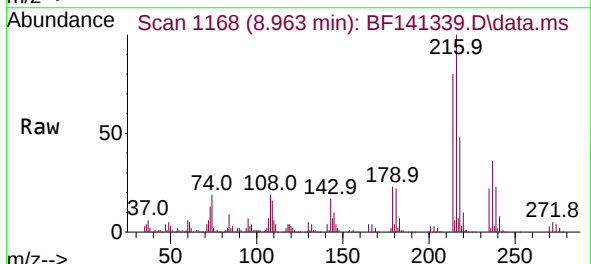
Tgt Ion:164 Resp: 20886
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 44.0 35.8 53.6

Manual Integrations
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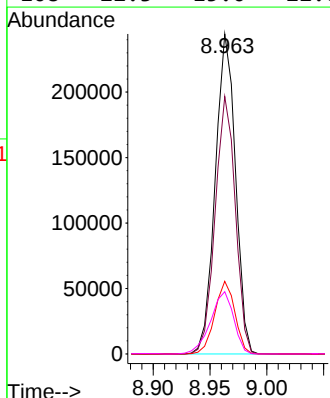
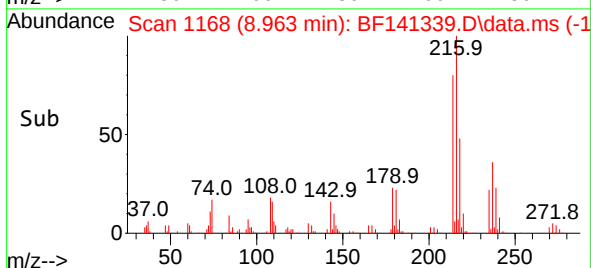
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

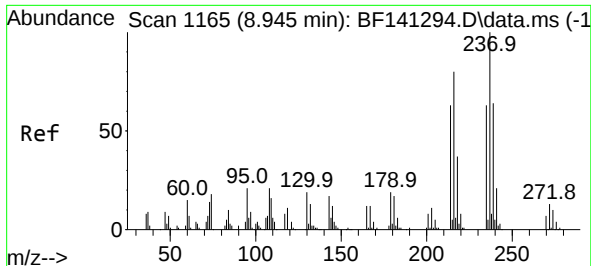


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.968 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



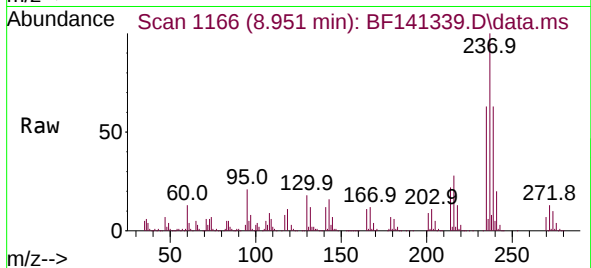
Tgt Ion:216 Resp: 302846
Ion Ratio Lower Upper
216 100
214 80.1 63.2 94.8
179 22.6 17.8 26.8
108 22.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 205.225 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

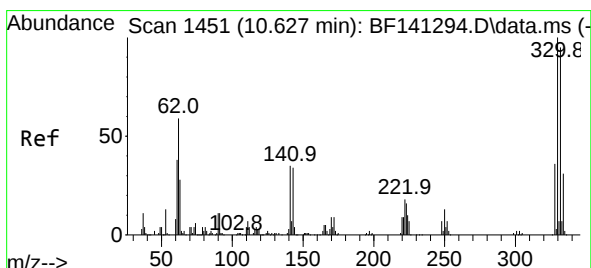
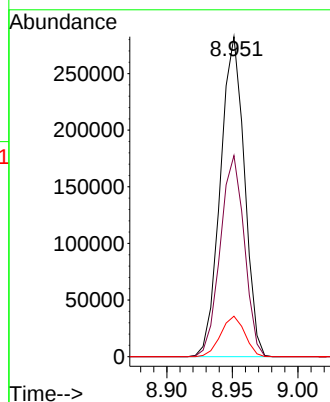
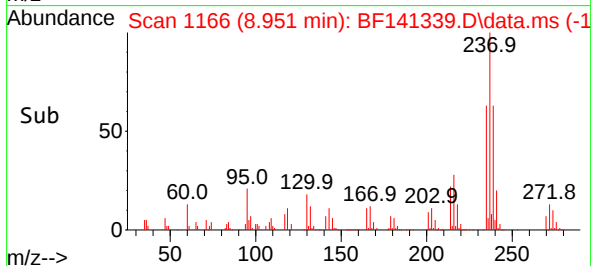
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



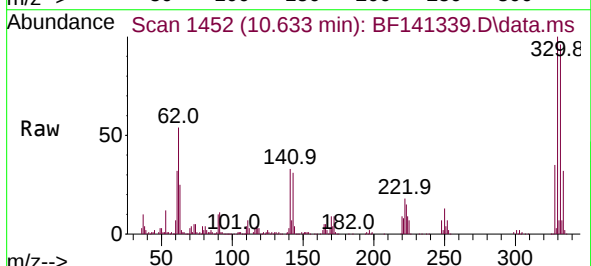
Tgt Ion:237 Resp: 360130
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.7 0.0 32.8

Manual Integrations
APPROVED

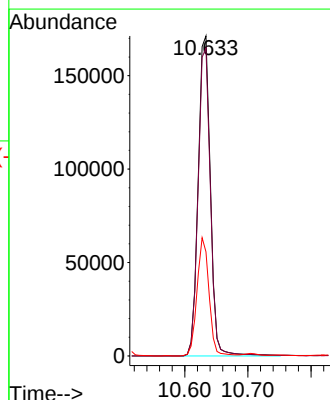
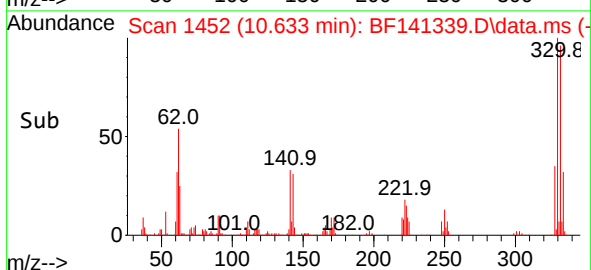
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 120.428 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



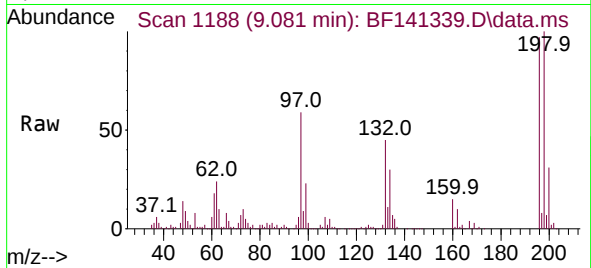
Tgt Ion:330 Resp: 230592
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 36.3 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 46.415 ng
RT: 9.081 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

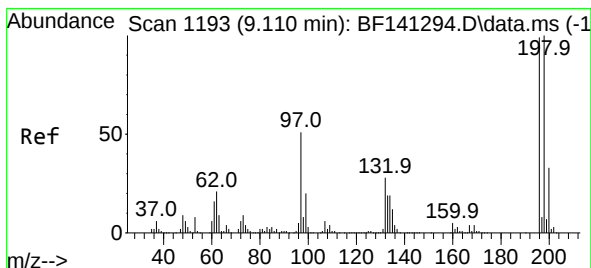
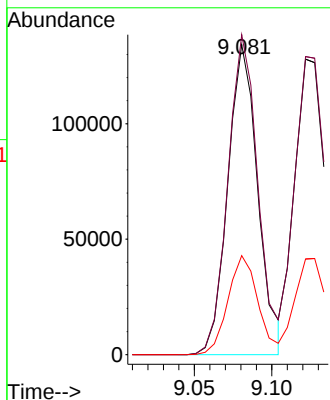
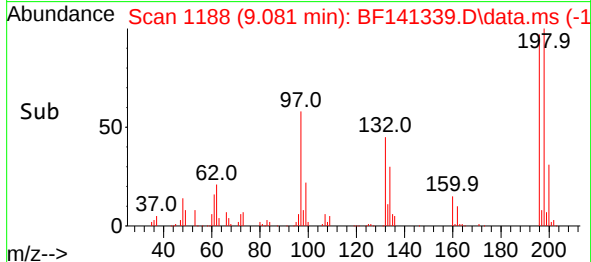
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



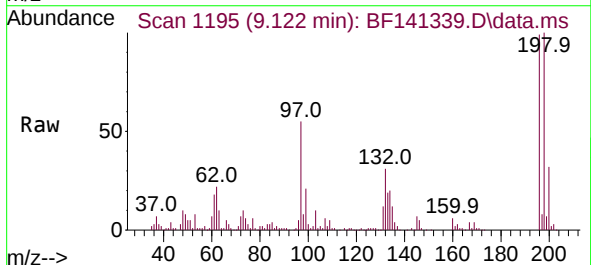
Tgt Ion:196 Resp: 18051
Ion Ratio Lower Upper
196 100
198 103.2 81.8 122.6
200 32.0 26.3 39.5

Manual Integrations
APPROVED

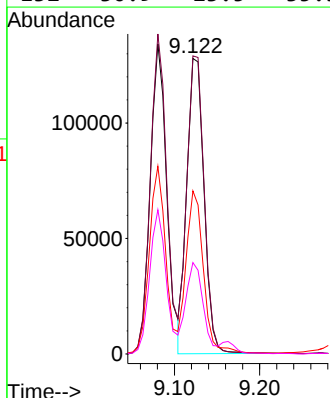
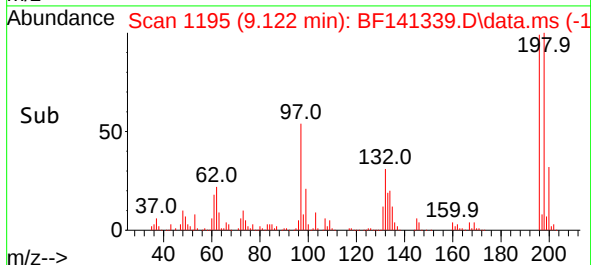
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

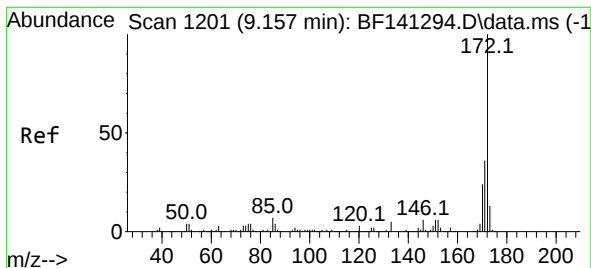


#44
2,4,5-Trichlorophenol
Concen: 42.443 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



Tgt Ion:196 Resp: 179658
Ion Ratio Lower Upper
196 100
198 100.9 80.5 120.7
97 55.2 42.8 64.2
132 30.9 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 92.560 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MS

Tgt Ion:172 Resp: 125599

Ion Ratio Lower Upper

172 100

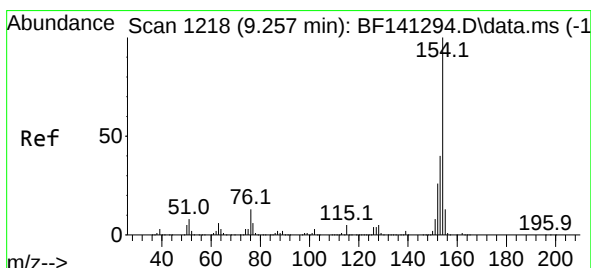
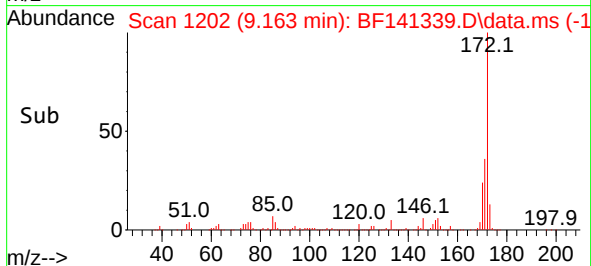
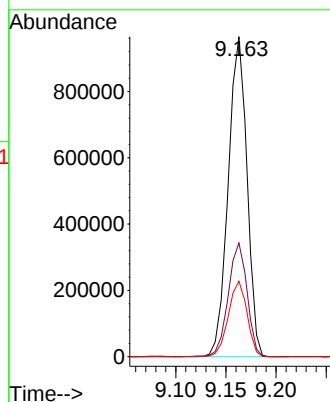
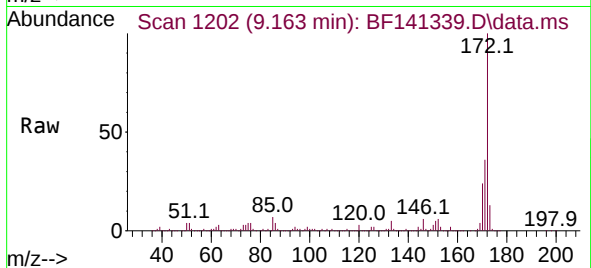
171 35.5 28.8 43.2

170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#46

1,1'-Biphenyl

Concen: 50.887 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

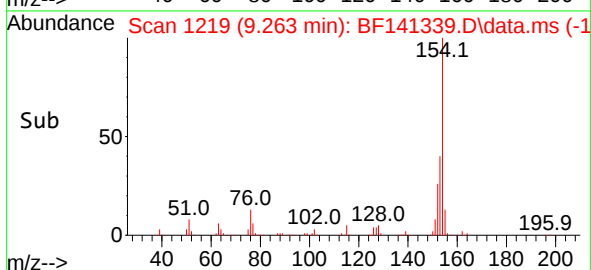
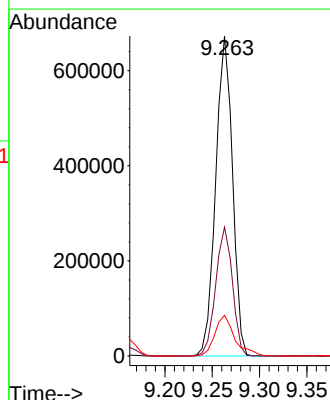
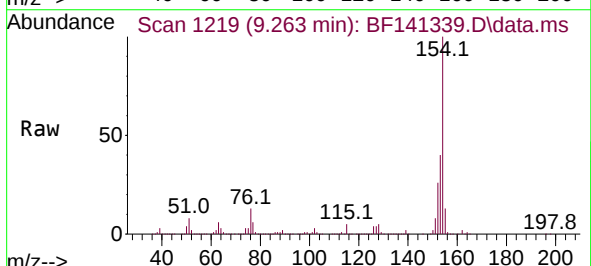
Tgt Ion:154 Resp: 828878

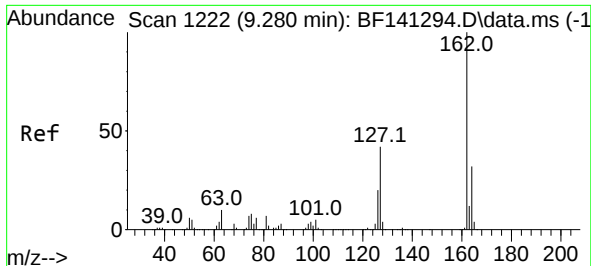
Ion Ratio Lower Upper

154 100

153 40.3 20.0 60.0

76 12.7 0.0 32.8





#47
2-Chloronaphthalene
Concen: 43.629 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

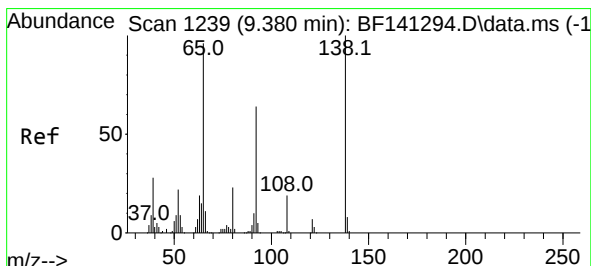
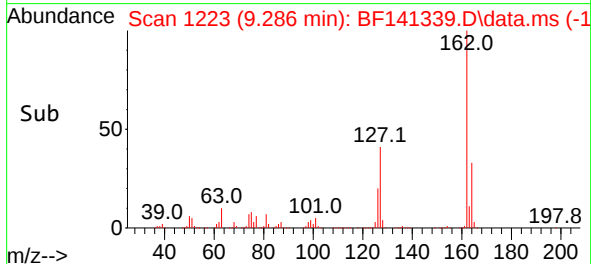
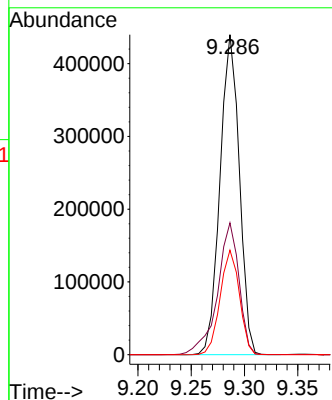
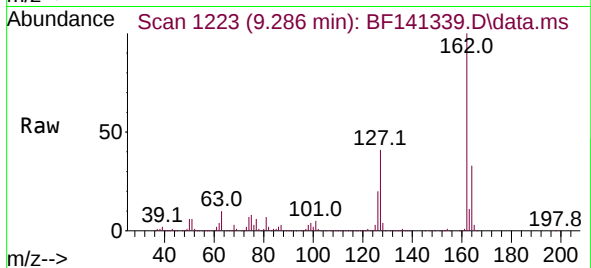
ClientSampleId :

BELL-25-002MS

Tgt Ion:162 Resp: 553920
Ion Ratio Lower Upper
162 100
127 41.2 33.7 50.5
164 32.6 25.9 38.9

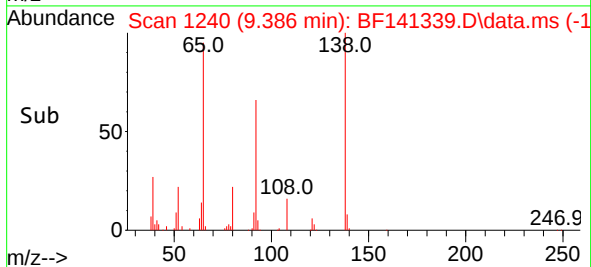
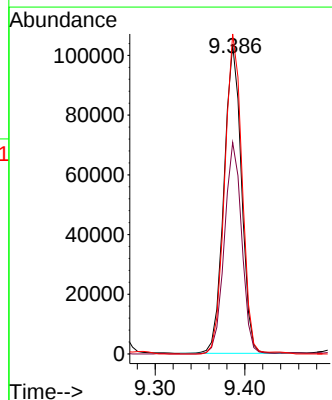
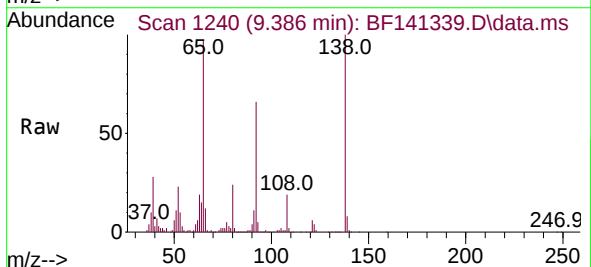
Manual Integrations
APPROVED

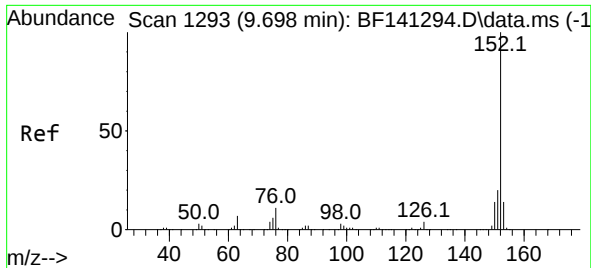
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 34.927 ng
RT: 9.386 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

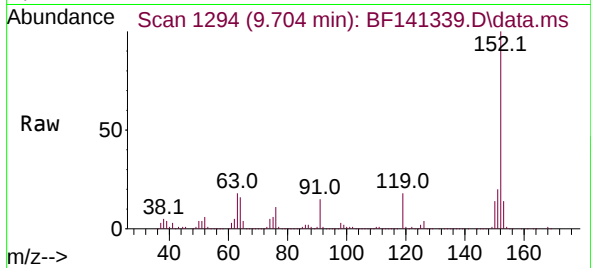
Tgt Ion: 65 Resp: 139480
Ion Ratio Lower Upper
65 100
92 68.3 53.3 79.9
138 103.4 83.6 125.4





#49
Acenaphthylene
Concen: 44.453 ng
RT: 9.704 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

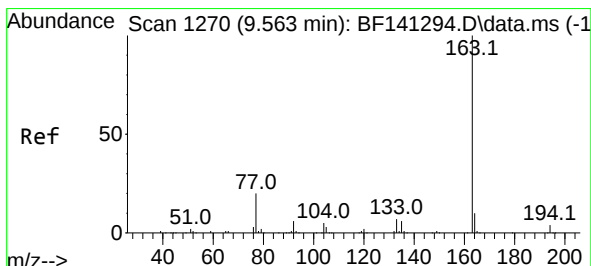
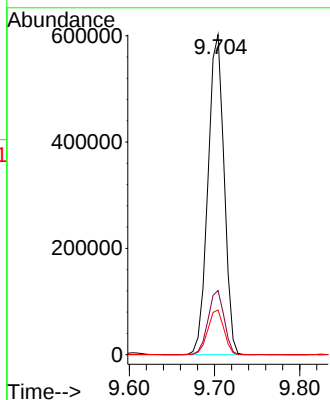
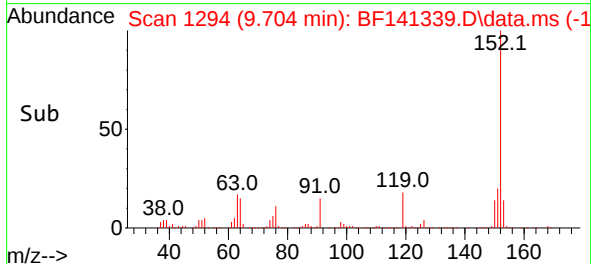
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



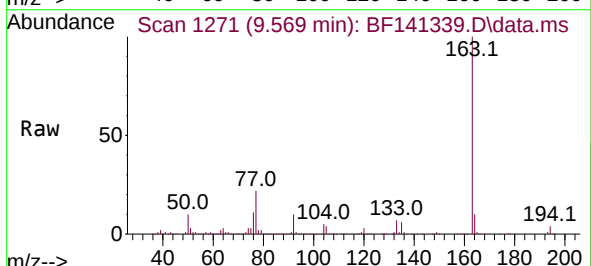
Tgt Ion:152 Resp: 790027
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.9 11.0 16.6

Manual Integrations
APPROVED

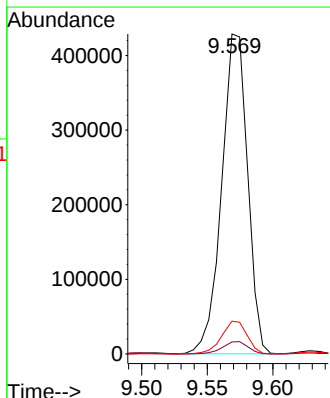
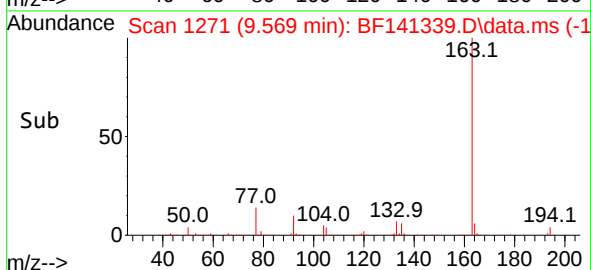
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

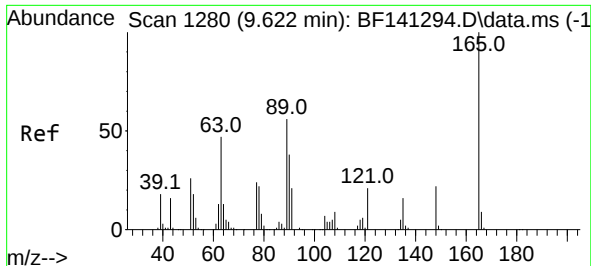


#50
Dimethylphthalate
Concen: 41.744 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



Tgt Ion:163 Resp: 588865
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0





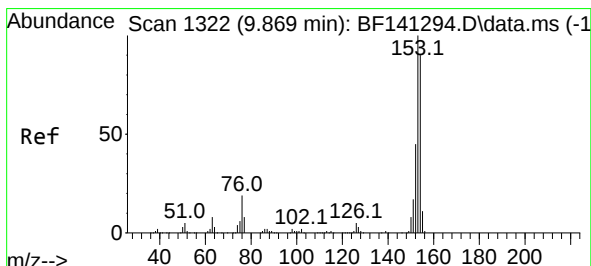
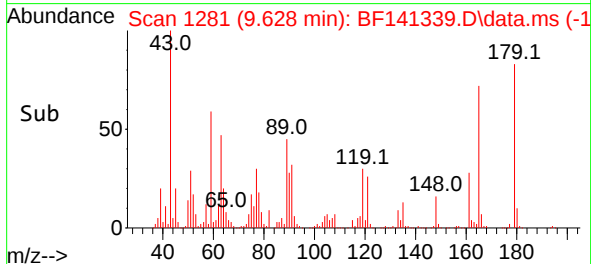
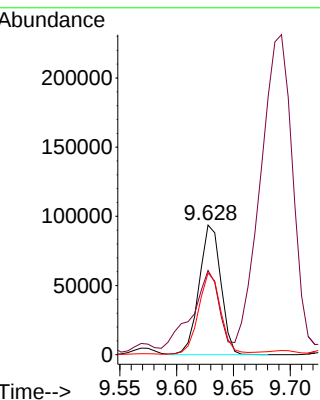
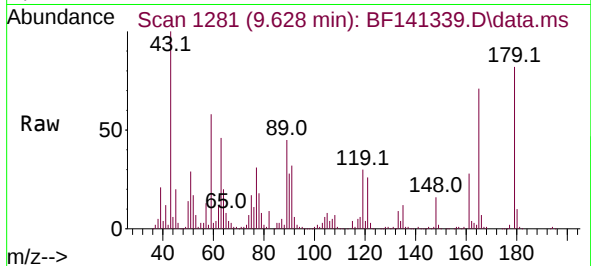
#51
2,6-Dinitrotoluene
Concen: 38.021 ng
RT: 9.628 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion:165 Resp: 12453
Ion Ratio Lower Upper
165 100
63 64.9 48.1 72.1
89 63.0 44.9 67.3

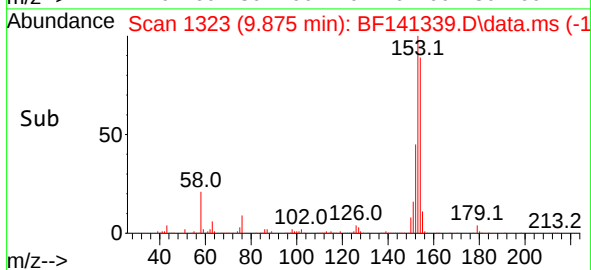
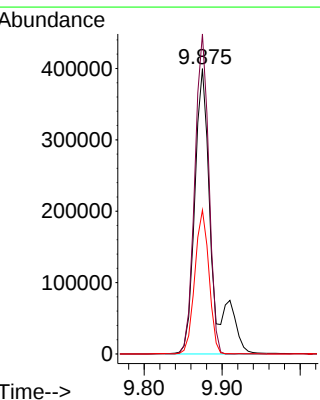
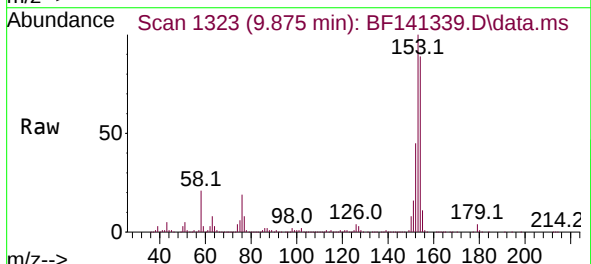
Manual Integrations
APPROVED

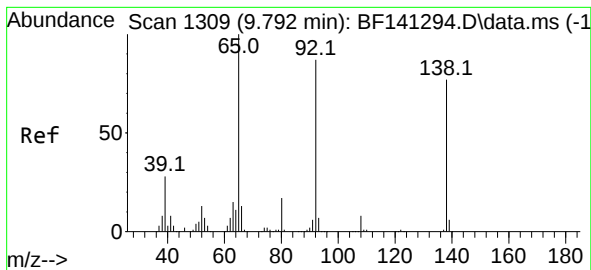
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 47.672 ng m
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:154 Resp: 605265
Ion Ratio Lower Upper
154 100
153 112.2 89.0 133.4
152 50.4 40.2 60.4





#53
3-Nitroaniline
Concen: 11.394 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

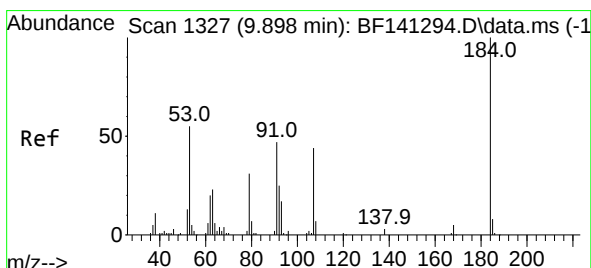
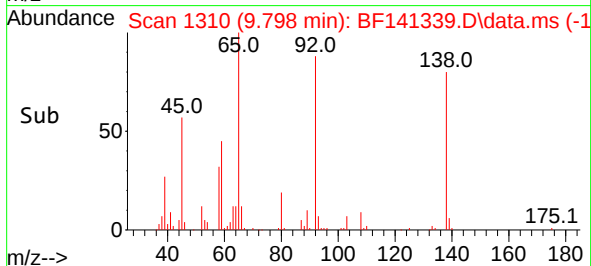
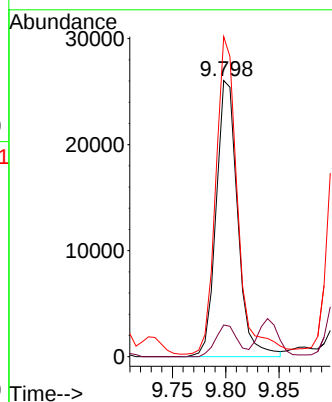
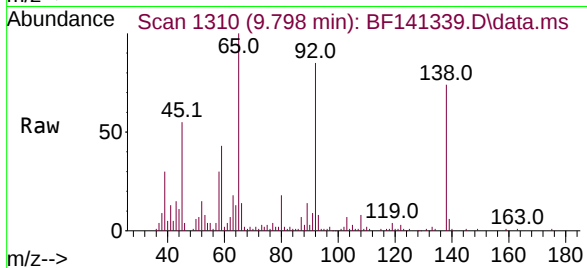
BELL-25-002MS

Tgt Ion:138 Resp: 3657
Ion Ratio Lower Upper
138 100
108 11.5 8.6 12.8
92 115.8 91.0 136.6

Manual Integrations

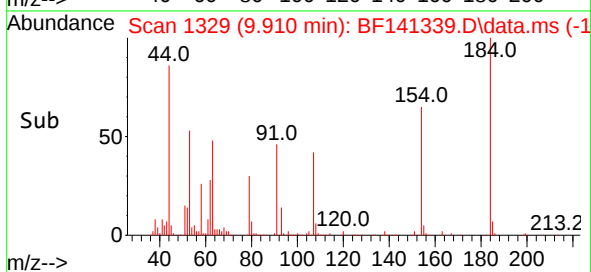
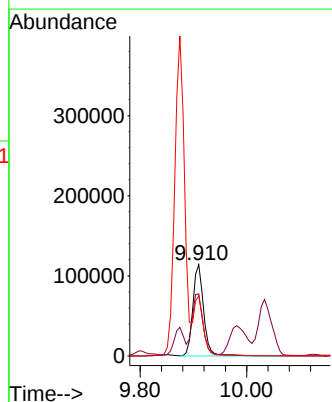
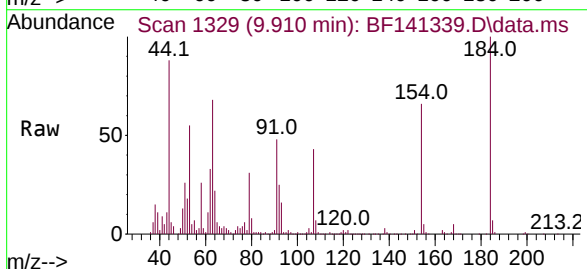
APPROVED

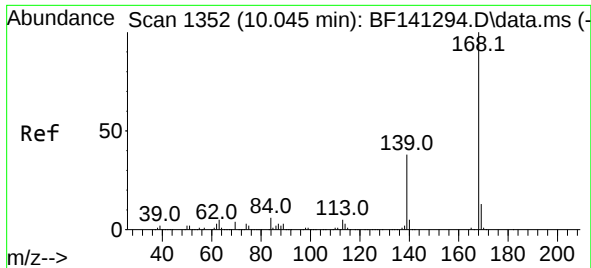
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 106.201 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

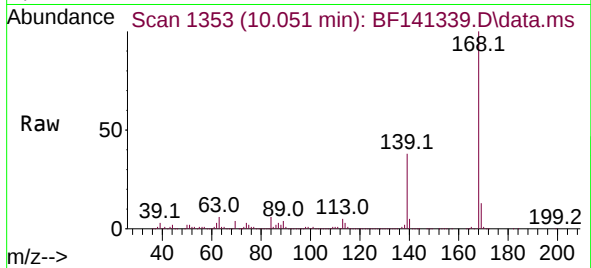
Tgt Ion:184 Resp: 161698
Ion Ratio Lower Upper
184 100
63 67.9 54.1 81.1
154 65.8 50.7 76.1





#55
Dibenzenofuran
Concen: 42.376 ng
RT: 10.051 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

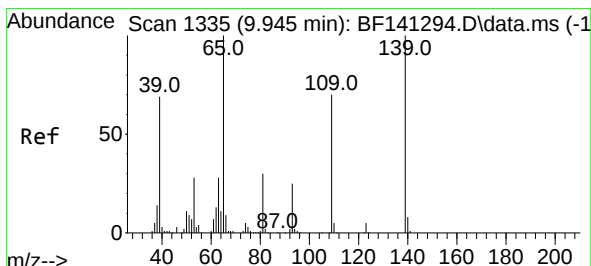
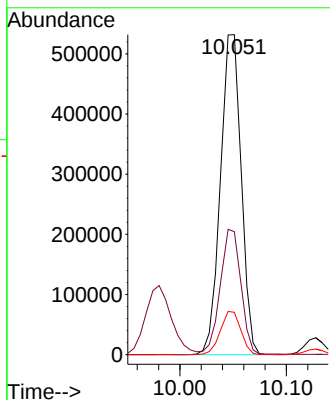
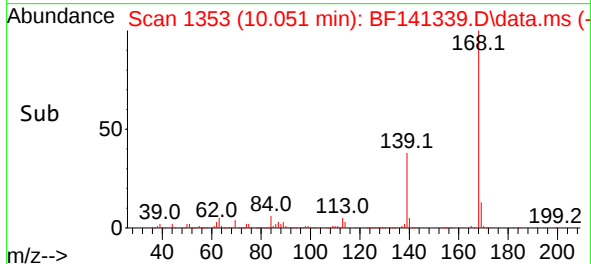
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



Tgt Ion:168 Resp: 72018
Ion Ratio Lower Upper
168 100
139 38.5 30.6 46.0
169 13.2 10.8 16.2

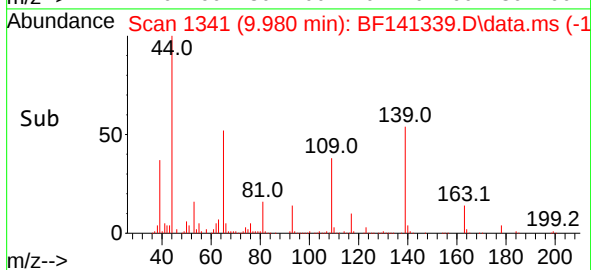
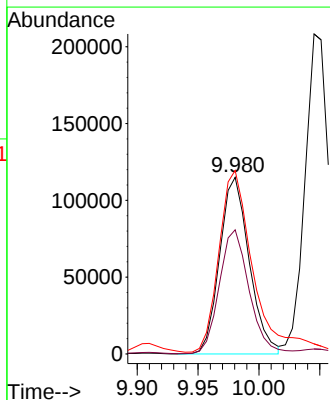
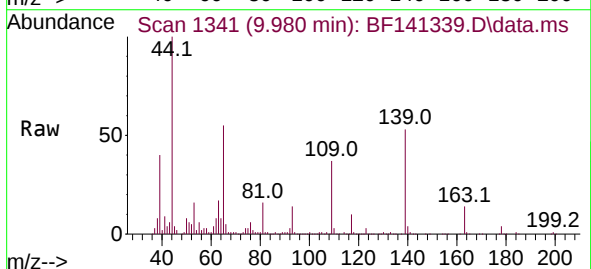
Manual Integrations
APPROVED

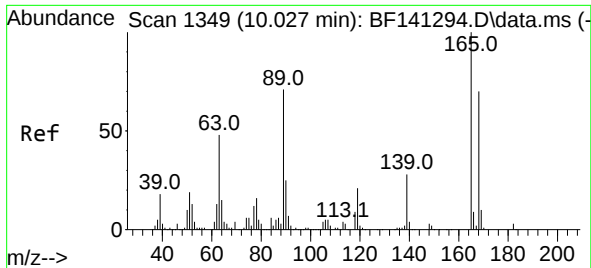
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 82.853 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.023 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:139 Resp: 194516
Ion Ratio Lower Upper
139 100
109 70.2 50.2 90.2
65 103.8 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 38.431 ng
RT: 10.033 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

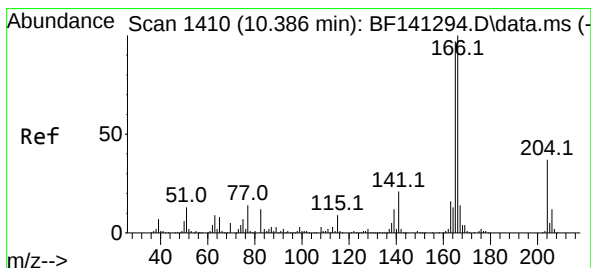
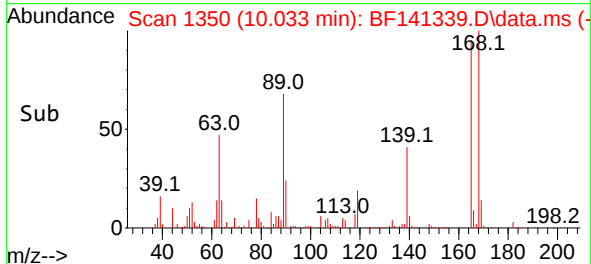
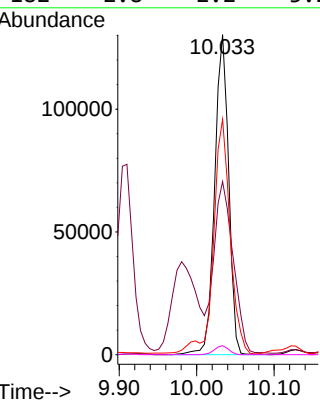
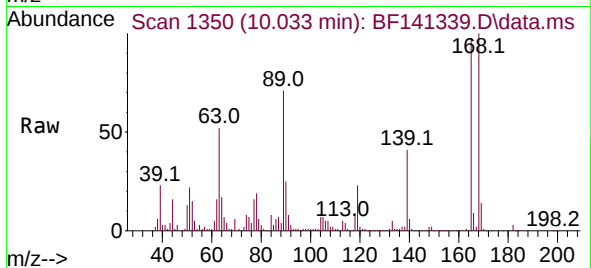
BELL-25-002MS

Tgt Ion:165 Resp: 16297
Ion Ratio Lower Upper
165 100
63 54.1 39.2 58.8
89 73.5 56.9 85.3
182 2.8 2.2 3.2

Manual Integrations

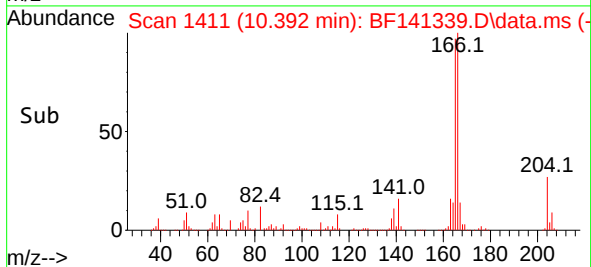
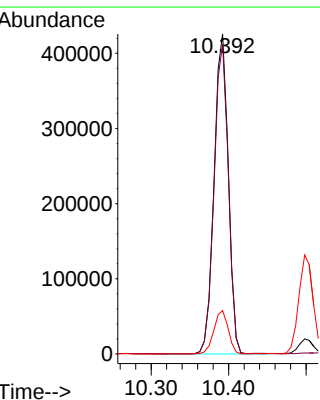
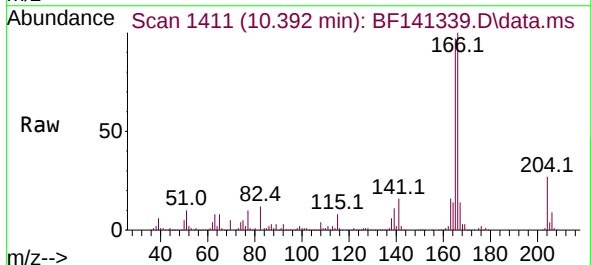
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 41.256 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

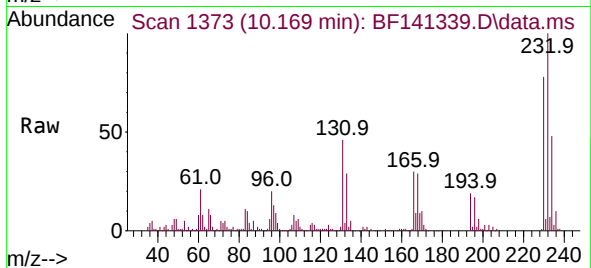
Tgt Ion:166 Resp: 543864
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.276 ng
RT: 10.169 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

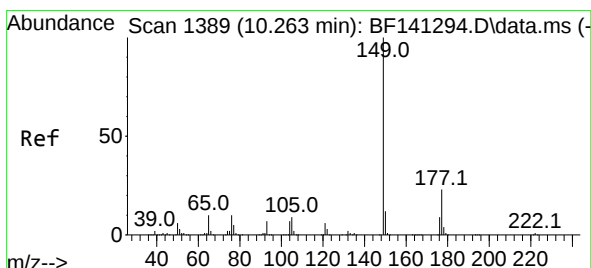
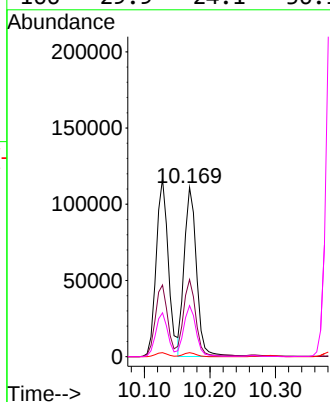
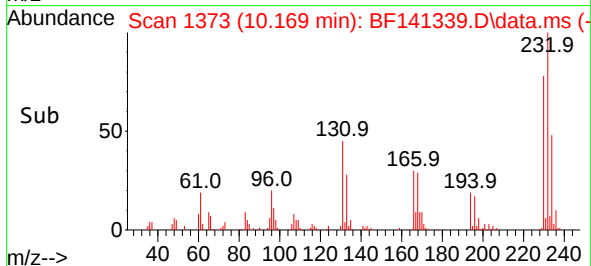
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



Tgt Ion:232 Resp: 144111
Ion Ratio Lower Upper
232 100
131 44.0 36.4 54.6
130 2.5 1.9 2.9
166 29.9 24.1 36.1

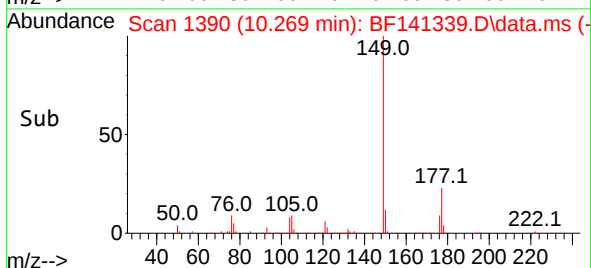
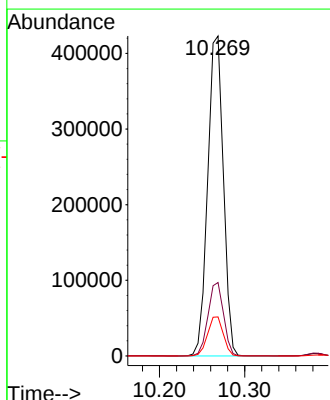
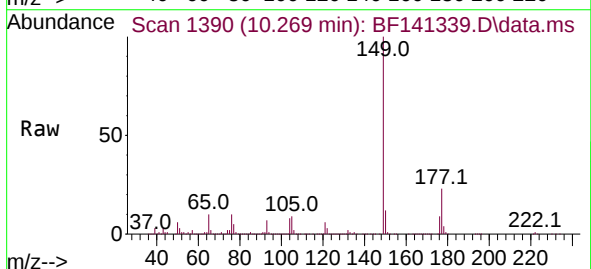
Manual Integrations
APPROVED

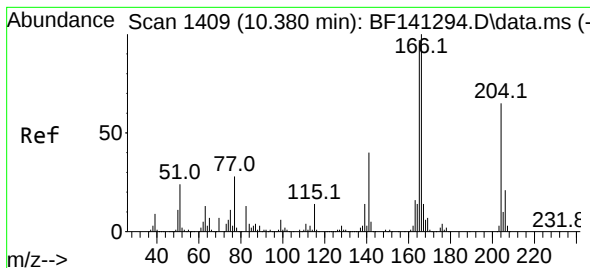
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 39.529 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

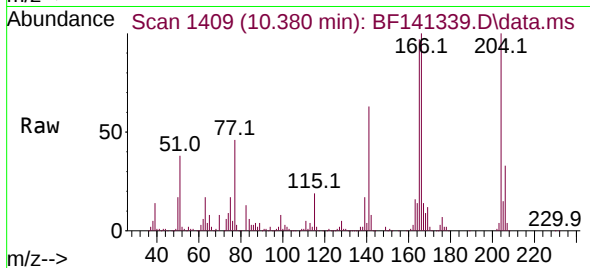
Tgt Ion:149 Resp: 540663
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.397 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

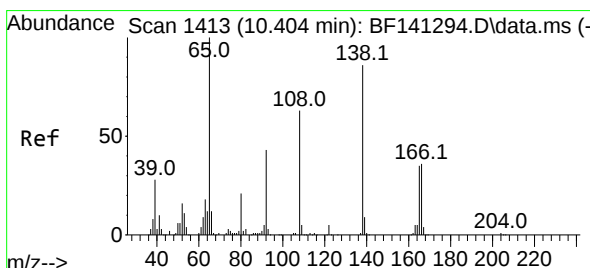
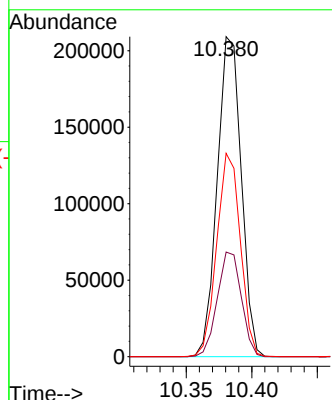
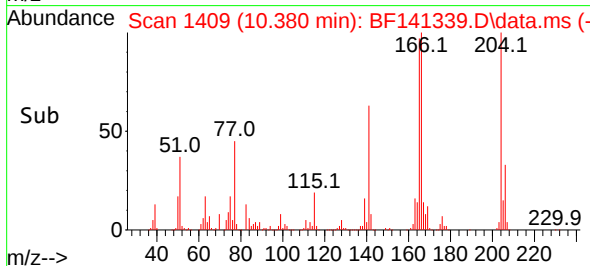
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



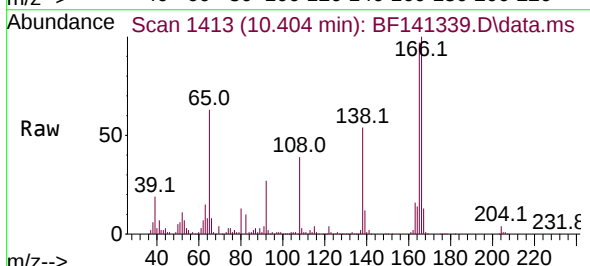
Tgt Ion:204 Resp: 266568
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 63.6 49.5 74.3

Manual Integrations
APPROVED

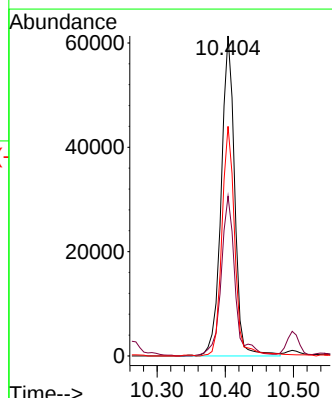
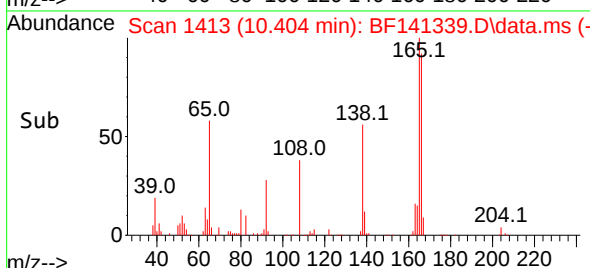
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

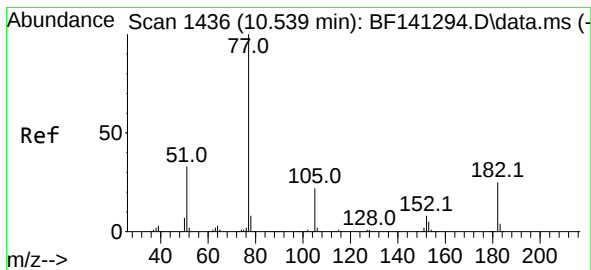


#62
4-Nitroaniline
Concen: 26.819 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



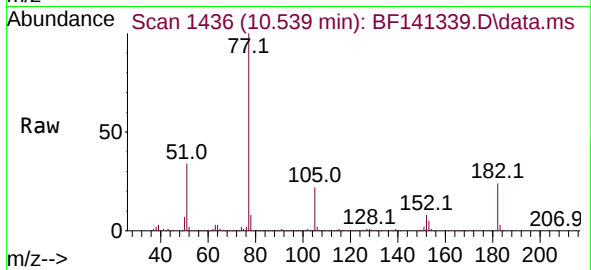
Tgt Ion:138 Resp: 84643
Ion Ratio Lower Upper
138 100
92 49.9 30.1 70.1
108 71.8 53.1 93.1





#63
Azobenzene
Concen: 41.085 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

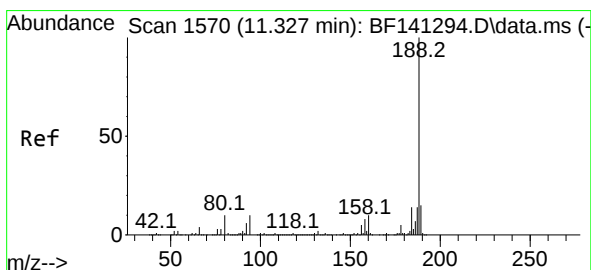
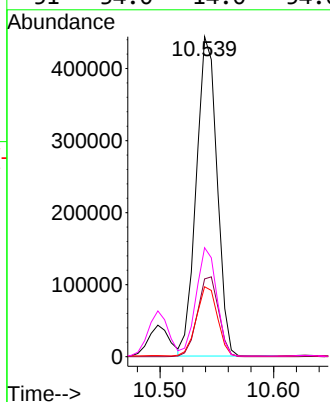
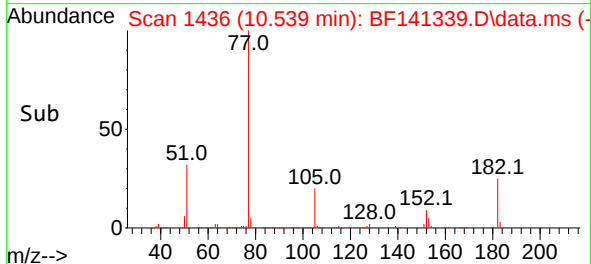
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



Tgt Ion: 77 Resp: 56249
Ion Ratio Lower Upper
77 100
182 24.3 5.1 45.1
105 21.8 1.8 41.8
51 34.0 14.0 54.0

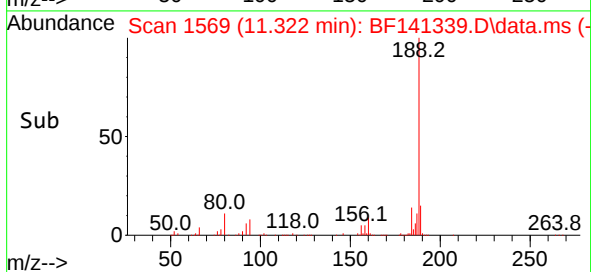
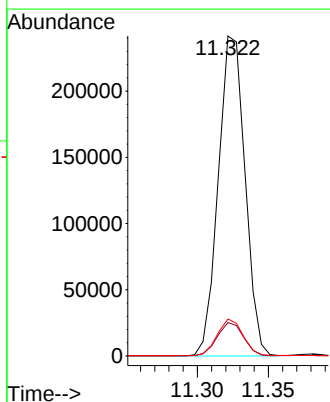
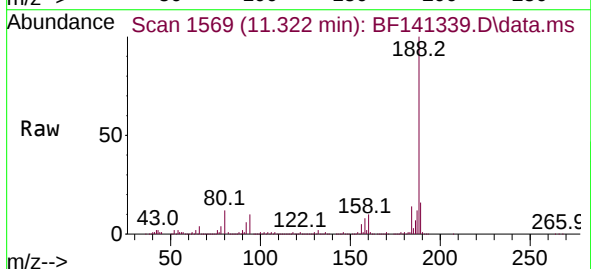
Manual Integrations
APPROVED

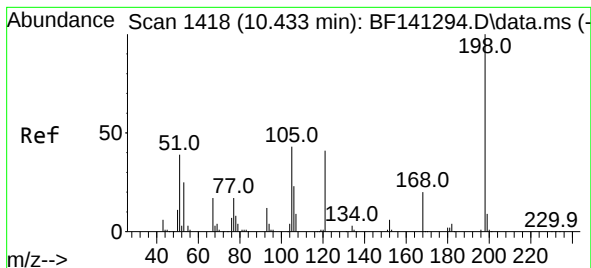
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:188 Resp: 316494
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.6
80 11.5 8.2 12.4





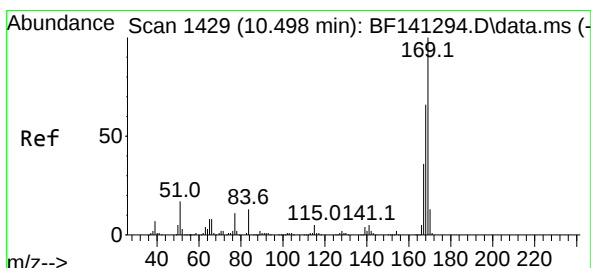
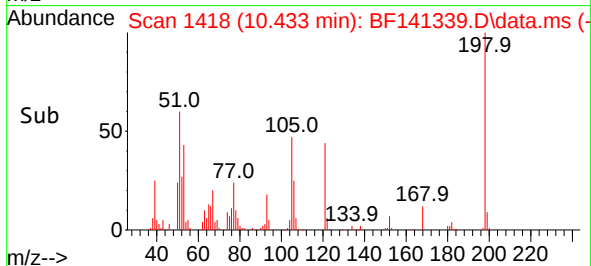
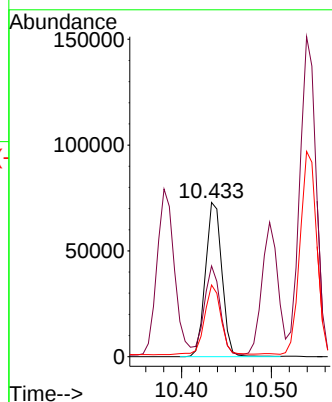
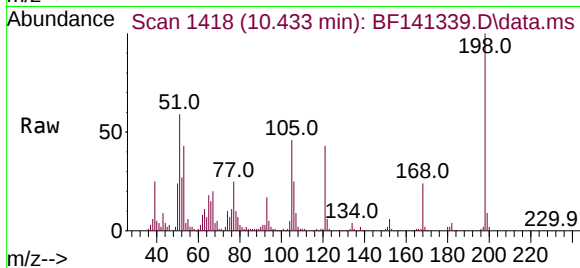
#65
4,6-Dinitro-2-methylphenol
Concen: 49.633 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion:198 Resp: 92910
Ion Ratio Lower Upper
198 100
51 58.8 33.4 73.4
105 46.4 24.4 64.4

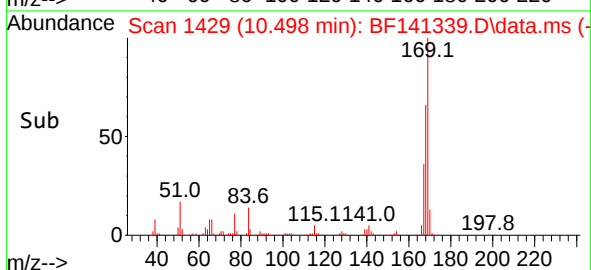
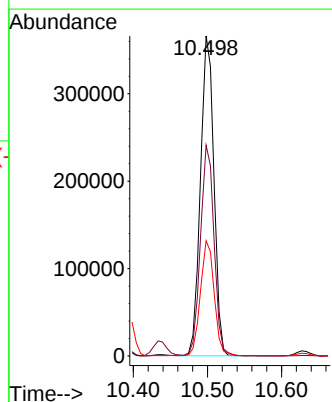
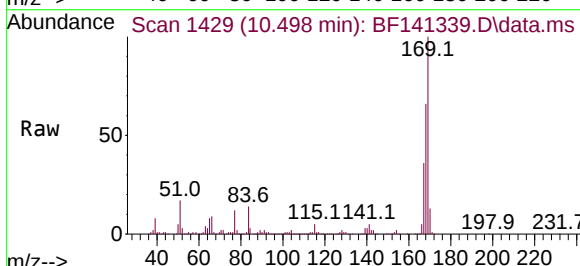
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 45.111 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

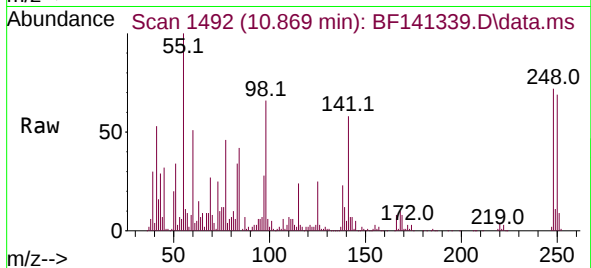
Tgt Ion:169 Resp: 461781
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.4
167 36.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.495 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

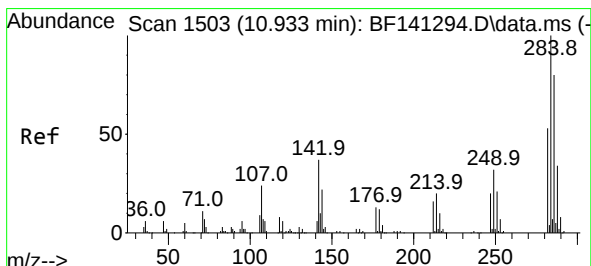
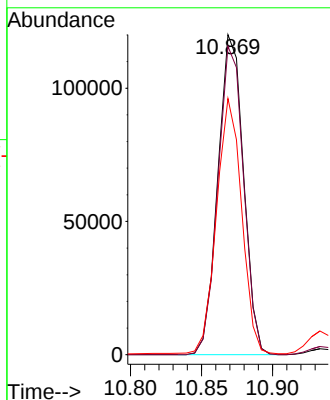
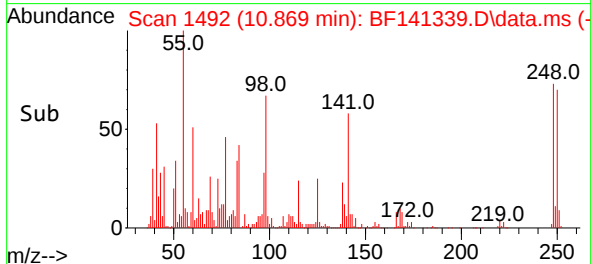
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



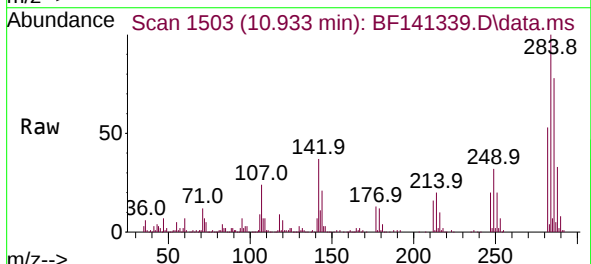
Tgt Ion:248 Resp: 150572
Ion Ratio Lower Upper
248 100
250 96.4 79.0 118.4
141 80.1 63.7 95.5

Manual Integrations
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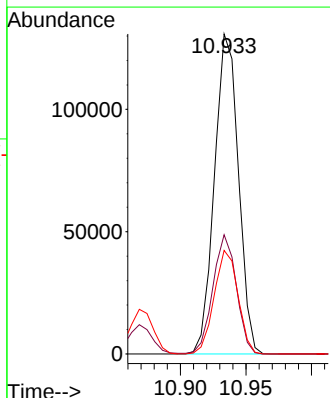
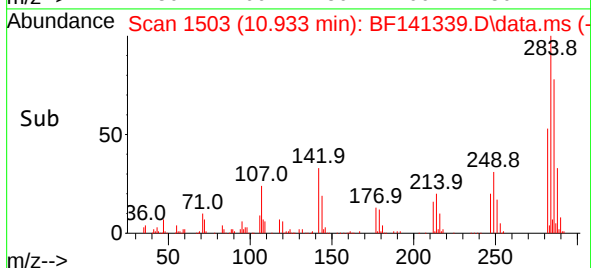
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#68
Hexachlorobenzene
Concen: 44.161 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



Tgt Ion:284 Resp: 165980
Ion Ratio Lower Upper
284 100
142 37.2 29.5 44.3
249 32.3 25.4 38.2





#69

Atrazine

Concen: 35.433 ng

RT: 11.033 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MS

Tgt Ion:200 Resp: 12127

Ion Ratio Lower Upper

200 100

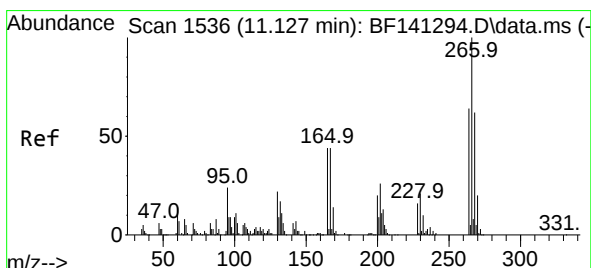
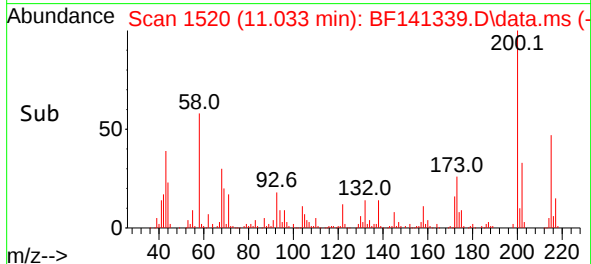
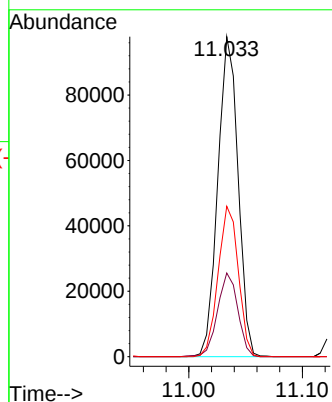
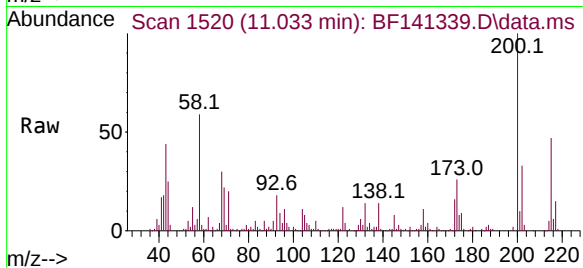
173 26.1 5.9 45.9

215 47.0 25.2 65.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 98.106 ng

RT: 11.139 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

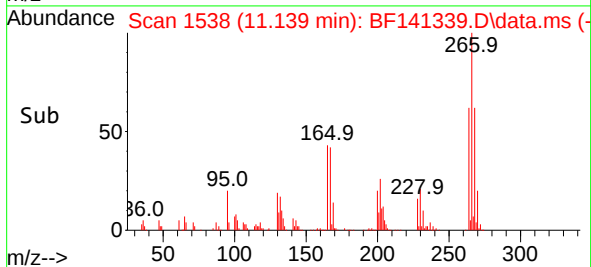
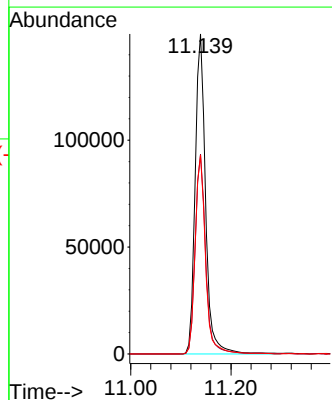
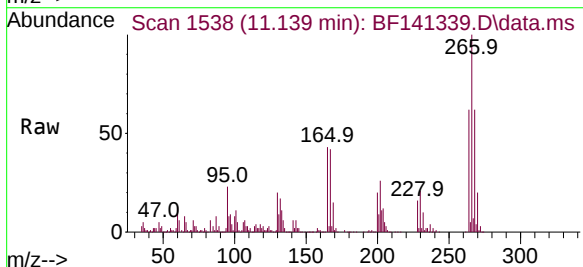
Tgt Ion:266 Resp: 215923

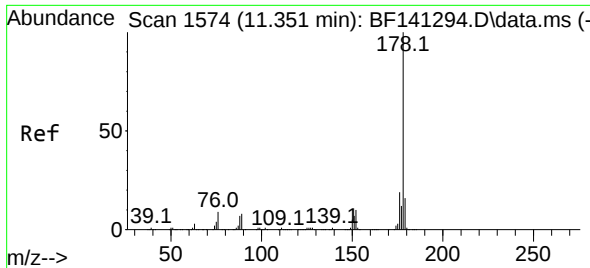
Ion Ratio Lower Upper

266 100

268 62.5 49.9 74.9

264 62.2 51.0 76.4





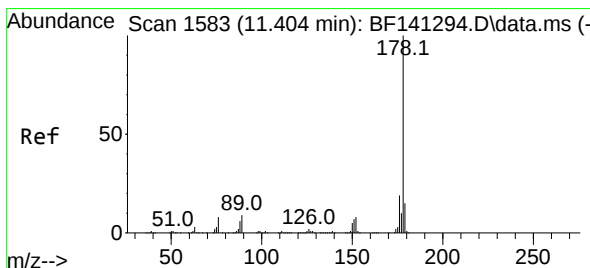
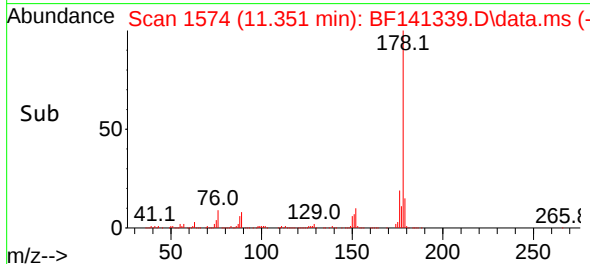
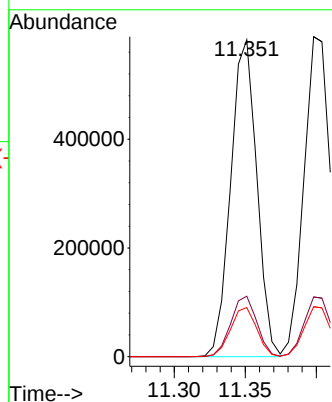
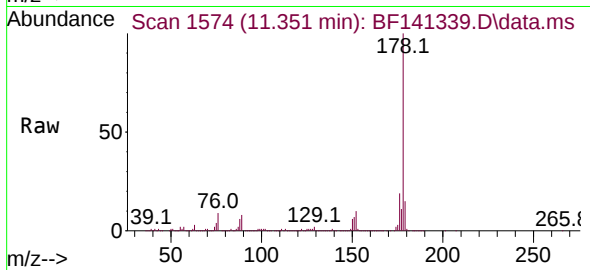
#71
Phenanthrene
Concen: 43.844 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion:178 Resp: 745904
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.5 18.7

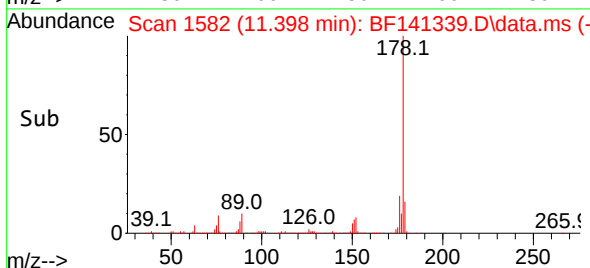
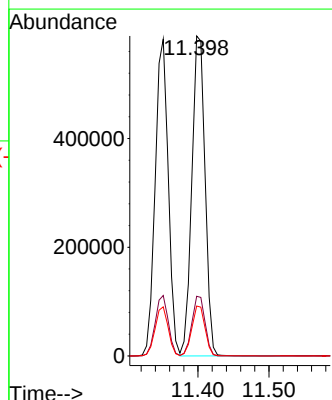
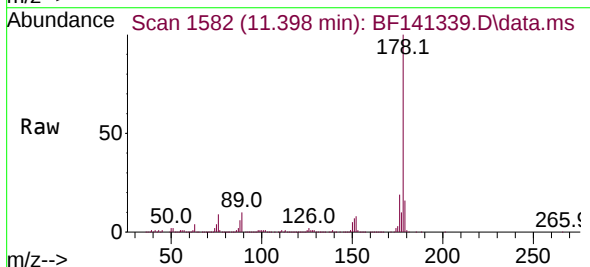
Manual Integrations
APPROVED

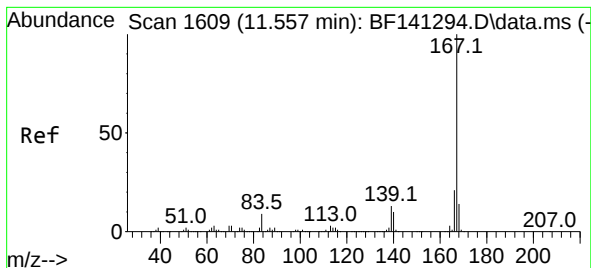
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 45.737 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:178 Resp: 762409
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.3 18.5





#73

Carbazole

Concen: 42.989 ng

RT: 11.557 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF141339.D

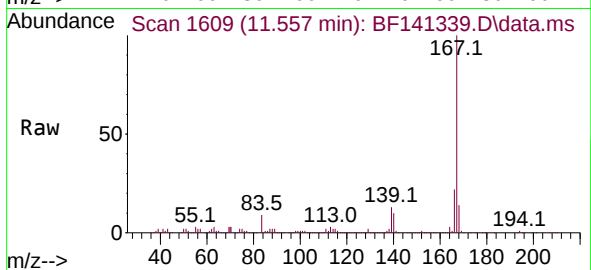
Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MS



Tgt Ion:167 Resp: 635428

Ion Ratio Lower Upper

167 100

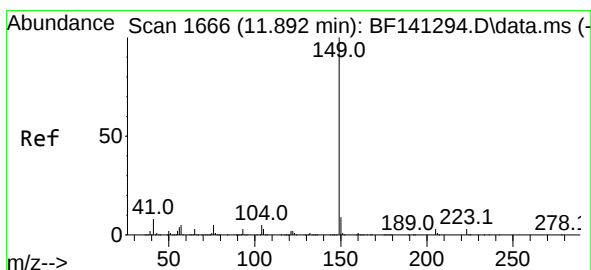
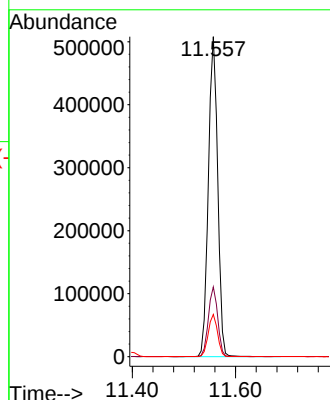
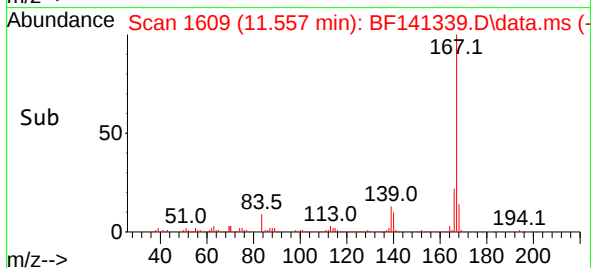
166 21.8 17.0 25.6

139 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#74

Di-n-butylphthalate

Concen: 45.026 ng

RT: 11.892 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

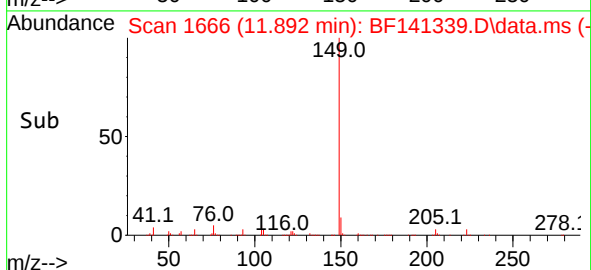
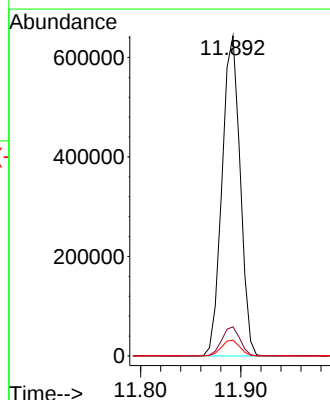
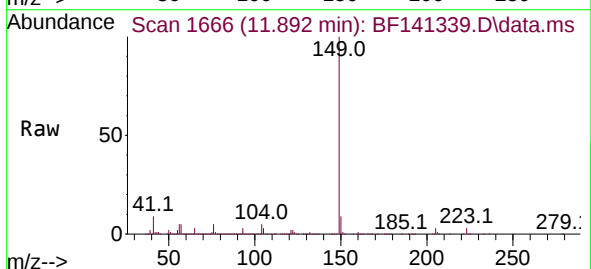
Tgt Ion:149 Resp: 806567

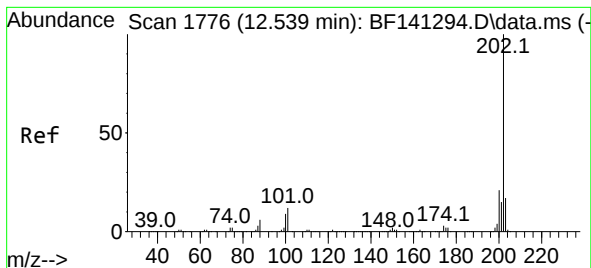
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

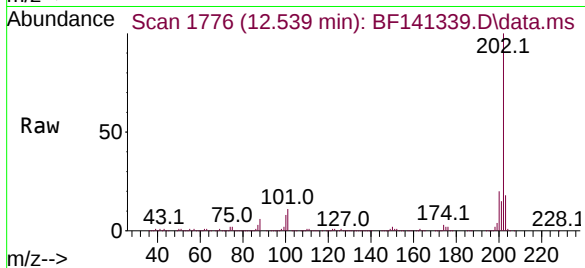
104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 46.086 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

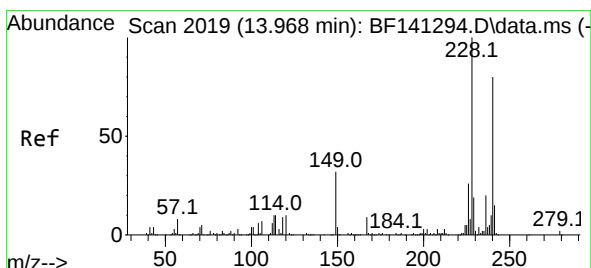
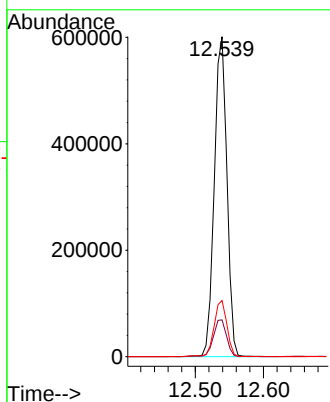
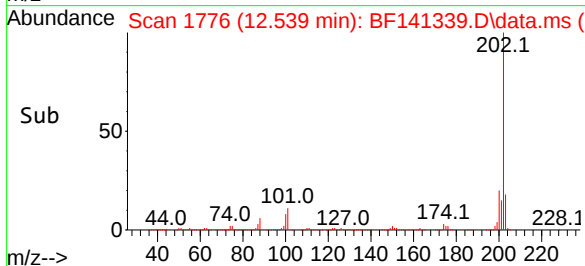
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



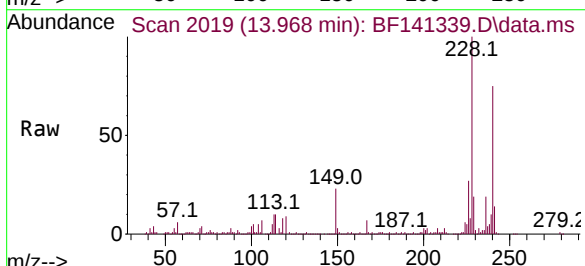
Tgt Ion:202 Resp: 77417
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.7
203 17.6 0.0 37.5

Manual Integrations
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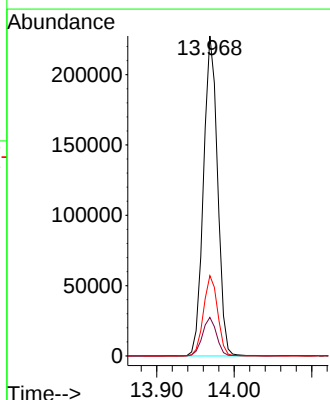
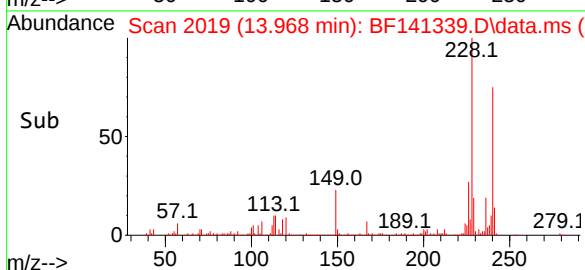
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

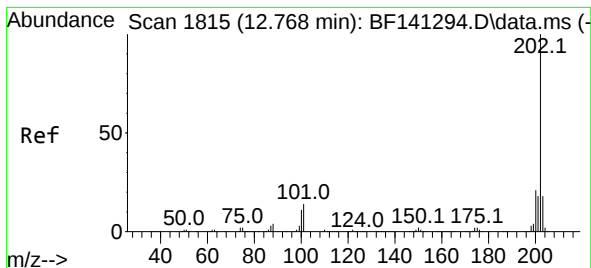


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44



Tgt Ion:240 Resp: 287072
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.1 19.7 29.5





#78

Pyrene

Concen: 29.264 ng

RT: 12.769 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MS

Tgt Ion:202 Resp: 80641

Ion Ratio Lower Upper

202 100

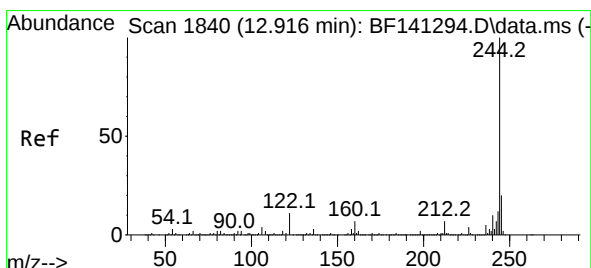
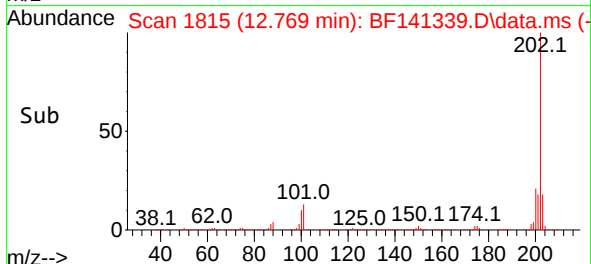
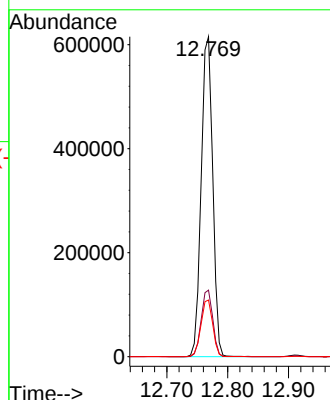
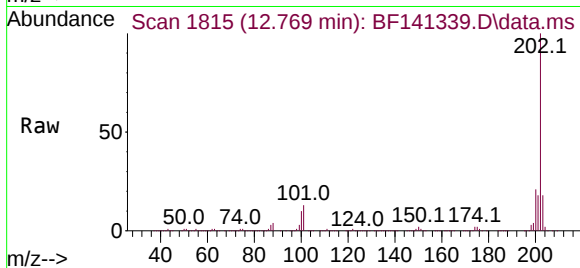
200 20.8 17.0 25.4

203 17.7 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#79

Terphenyl-d14

Concen: 63.332 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

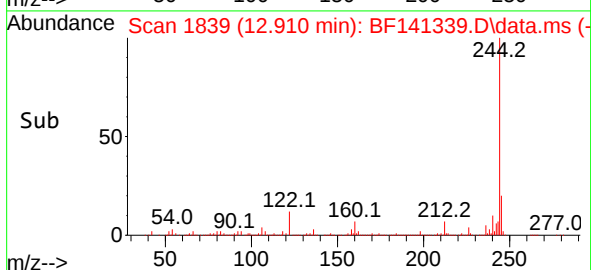
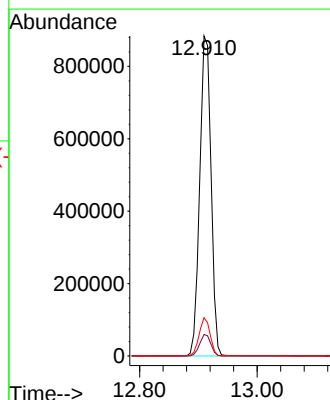
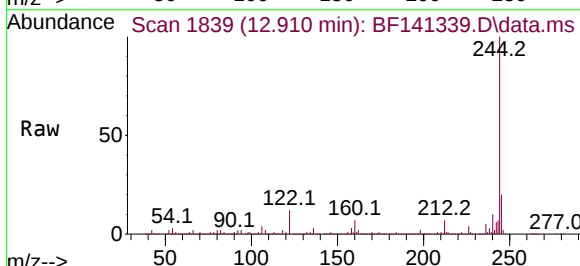
Tgt Ion:244 Resp: 1178895

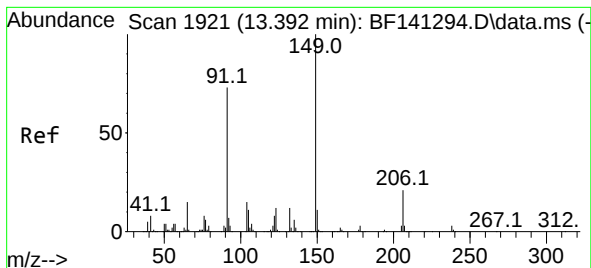
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.9 8.8 13.2





#80
Butylbenzylphthalate
Concen: 37.525 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

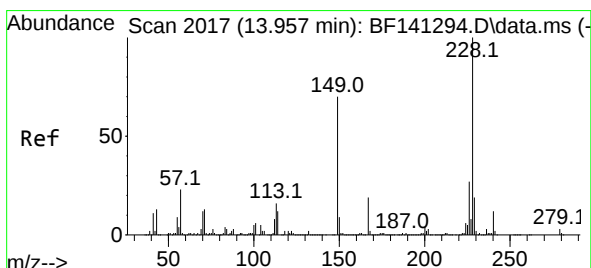
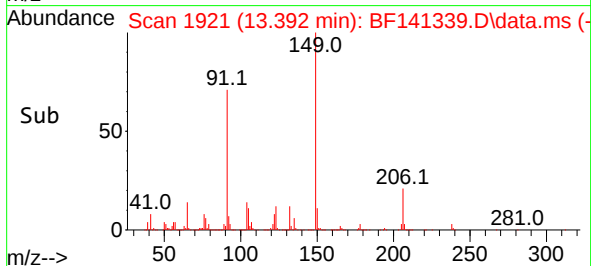
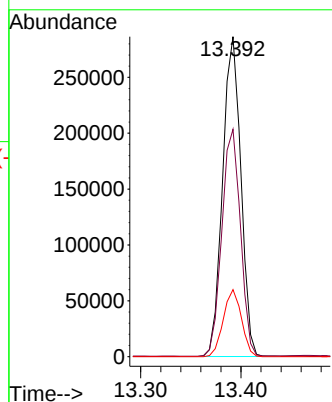
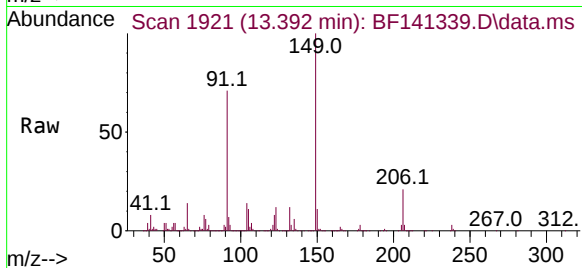
BELL-25-002MS

Tgt Ion:149 Resp: 361248
Ion Ratio Lower Upper
149 100
91 71.1 58.6 87.8
206 20.9 16.7 25.1

Manual Integrations

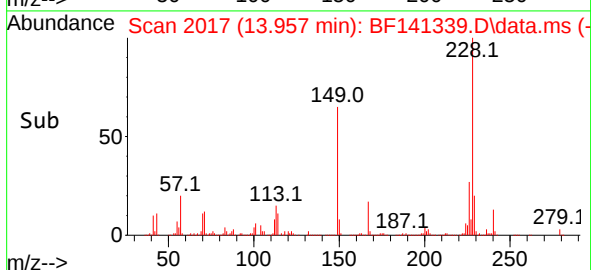
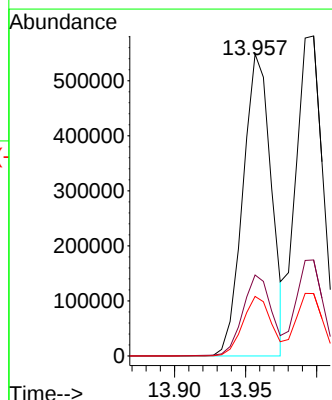
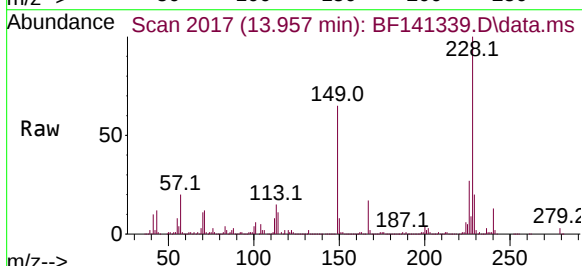
APPROVED

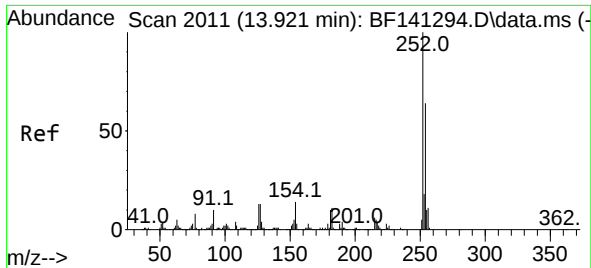
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#81
Benzo(a)anthracene
Concen: 38.521 ng
RT: 13.957 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:228 Resp: 763079
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.7 15.5 23.3





#82
3,3'-Dichlorobenzidine
Concen: 14.589 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

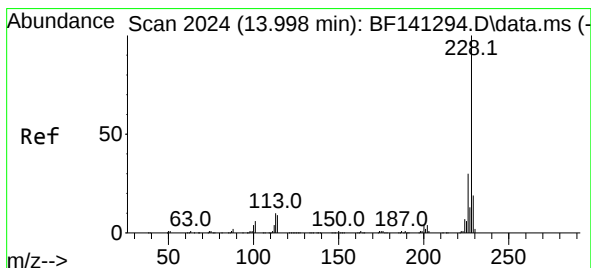
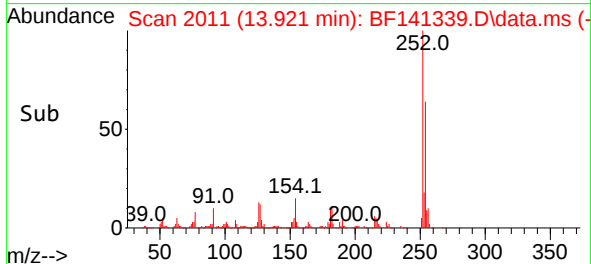
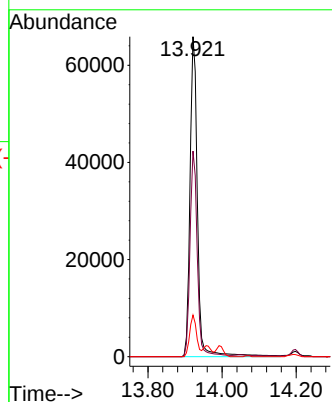
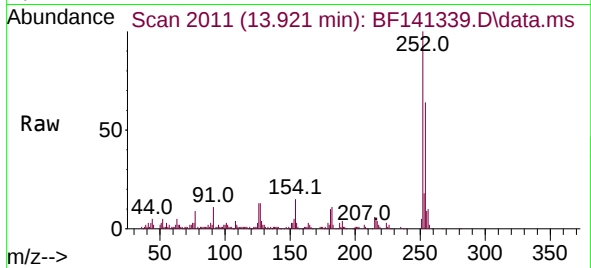
BELL-25-002MS

Tgt Ion:252 Resp: 91920
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 13.0 10.0 15.0

Manual Integrations

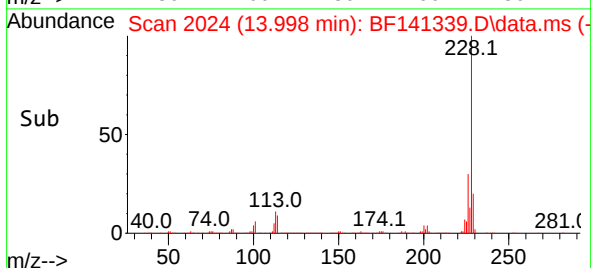
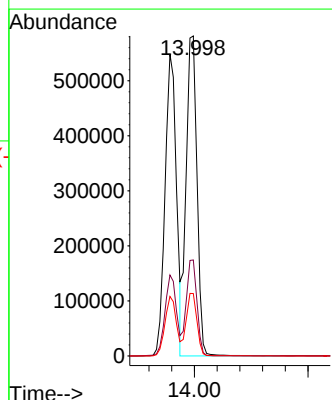
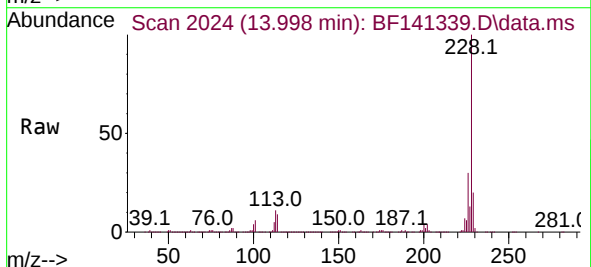
APPROVED

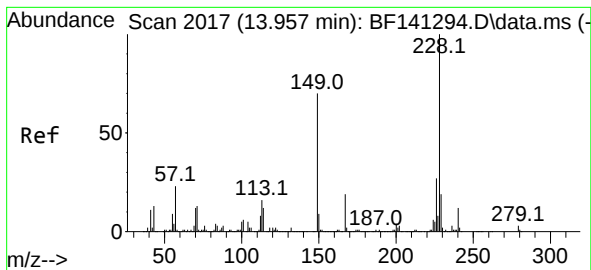
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#83
Chrysene
Concen: 42.385 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:228 Resp: 769489
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.5 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 40.451 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

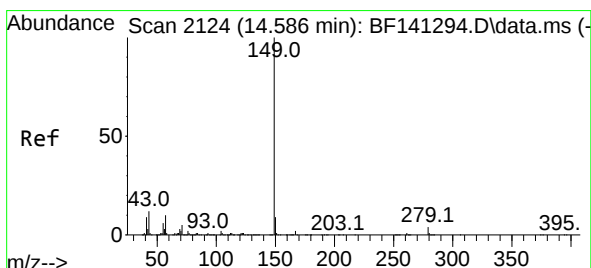
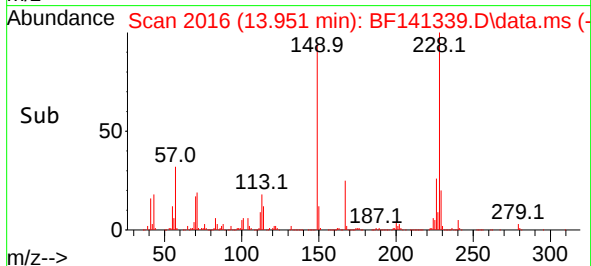
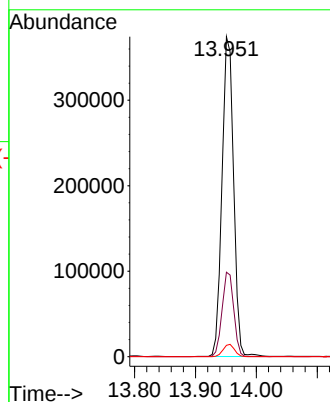
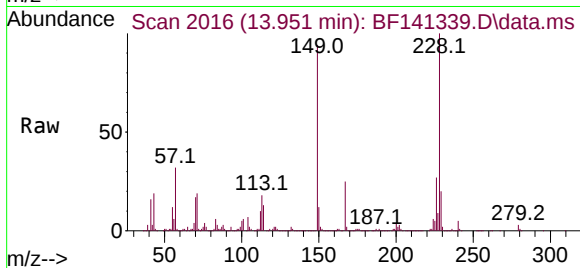
BELL-25-002MS

Tgt Ion:149 Resp: 493990
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.8
279 3.6 3.3 4.9

Manual Integrations

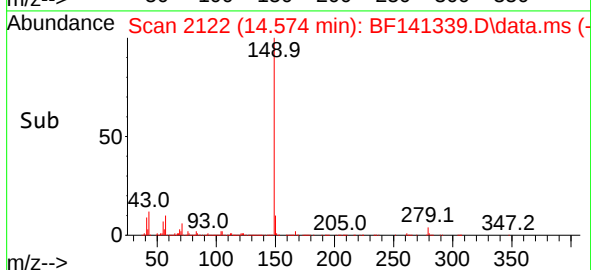
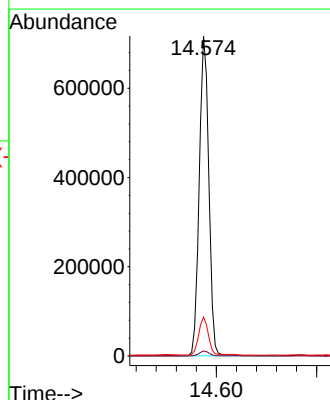
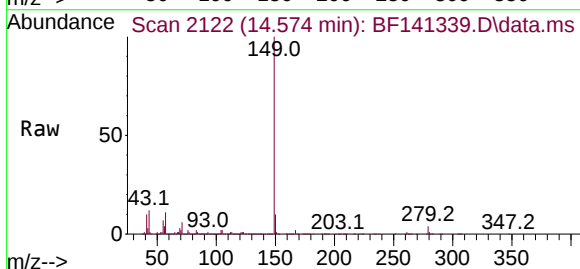
APPROVED

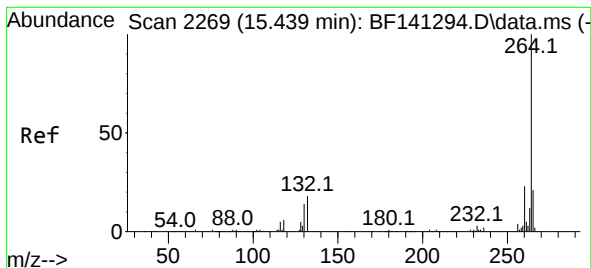
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#85
Di-n-octyl phthalate
Concen: 49.652 ng
RT: 14.574 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Tgt Ion:149 Resp: 941792
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 9.8 14.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MS

Tgt Ion:264 Resp: 32353

Ion Ratio Lower Upper

264 100

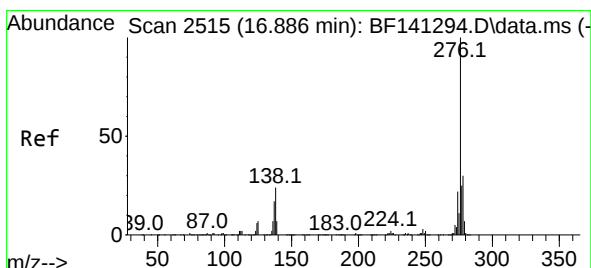
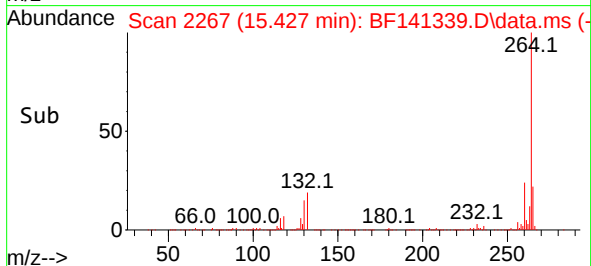
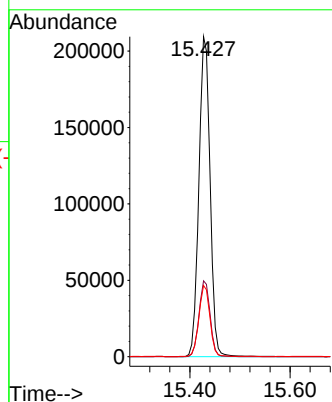
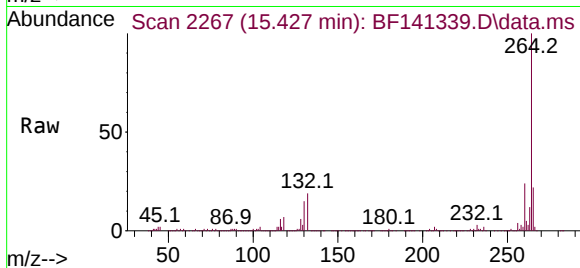
260 23.7 18.6 27.8

265 22.3 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 38.671 ng

RT: 16.880 min Scan# 2514

Delta R.T. -0.018 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

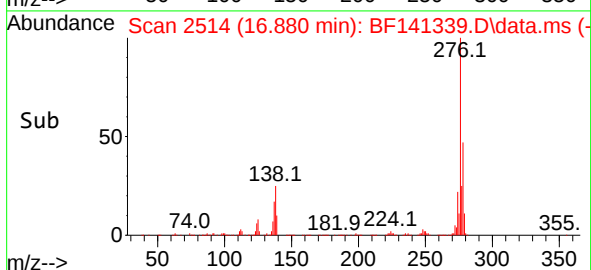
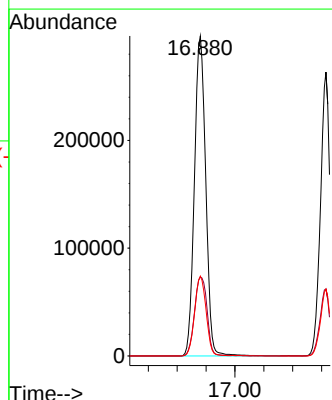
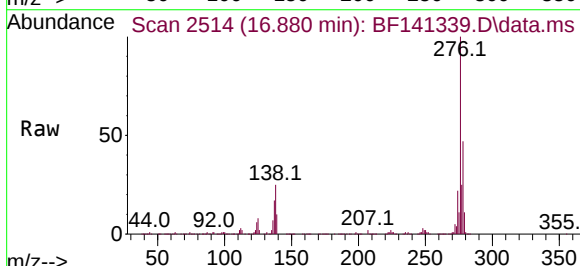
Tgt Ion:276 Resp: 807515

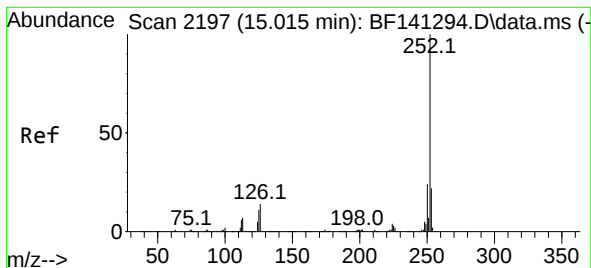
Ion Ratio Lower Upper

276 100

138 27.4 21.7 32.5

277 25.2 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 41.462 ng

RT: 15.010 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Instrument :

BNA_F

ClientSampleId :

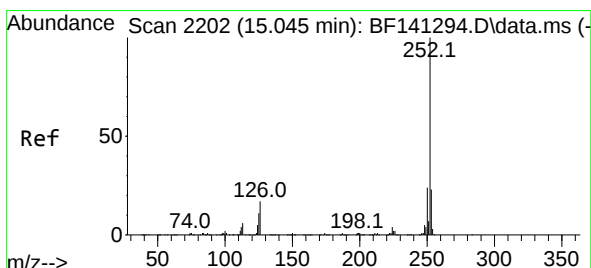
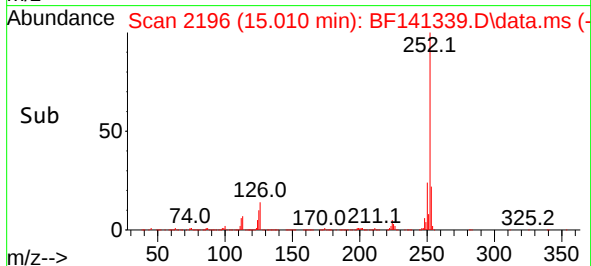
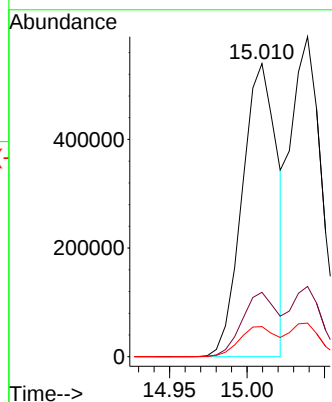
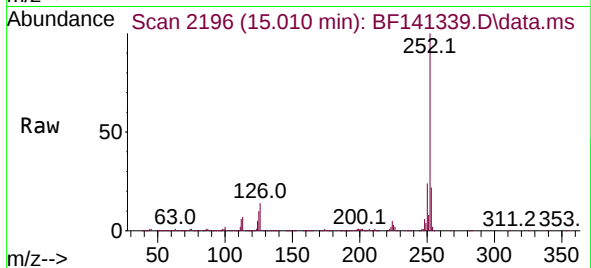
BELL-25-002MS

Tgt Ion:252 Resp: 843784
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 10.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#89

Benzo(k)fluoranthene

Concen: 44.836 ng

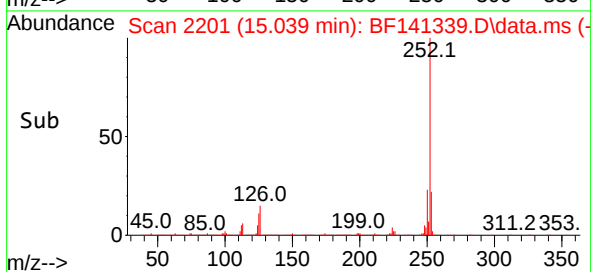
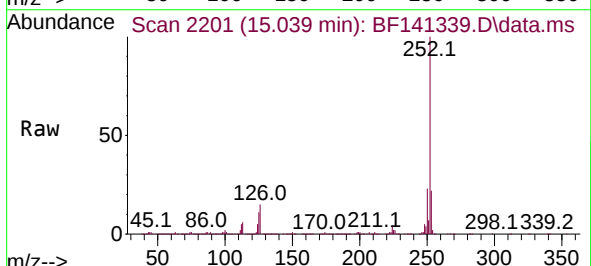
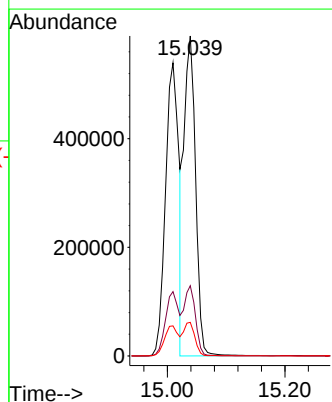
RT: 15.039 min Scan# 2201

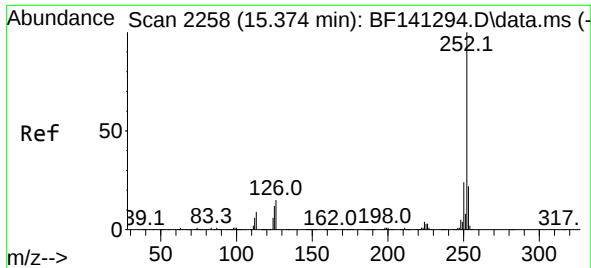
Delta R.T. -0.012 min

Lab File: BF141339.D

Acq: 31 Jan 2025 18:44

Tgt Ion:252 Resp: 808333
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 10.5 8.4 12.6





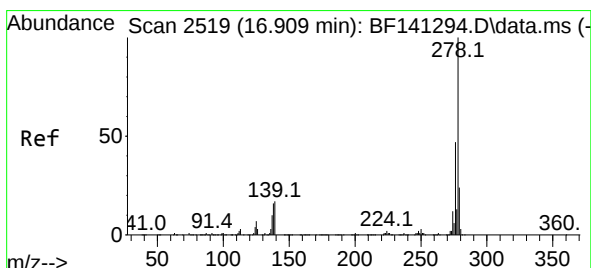
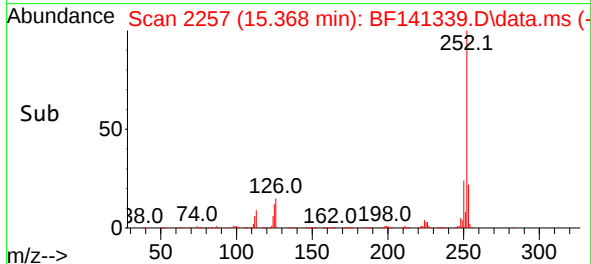
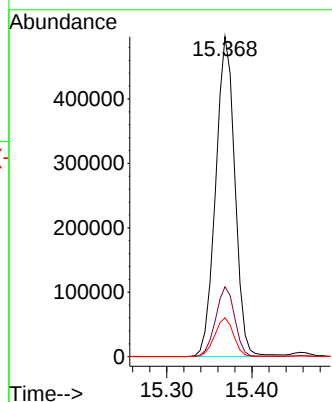
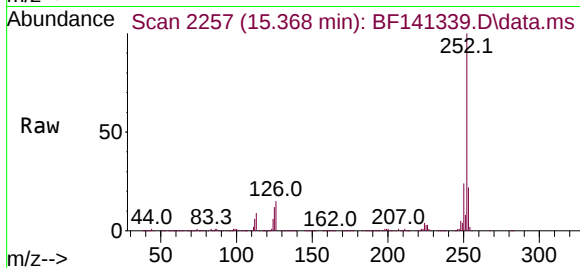
#90
Benzo(a)pyrene
Concen: 45.122 ng
RT: 15.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS

Tgt Ion:252 Resp: 77598
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.1 9.4 14.2

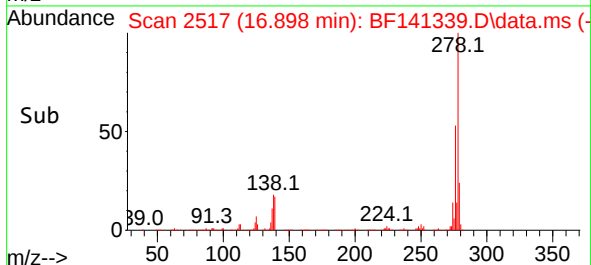
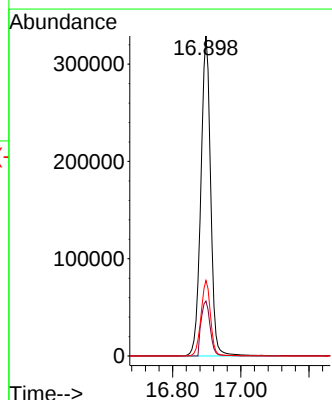
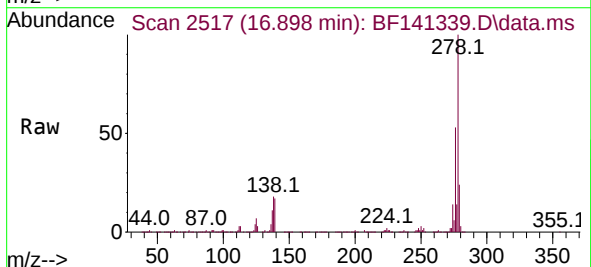
Manual Integrations
APPROVED

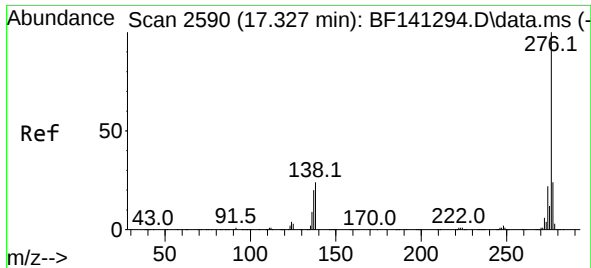
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#91
Dibenzo(a,h)anthracene
Concen: 39.232 ng
RT: 16.898 min Scan# 2517
Delta R.T. -0.024 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

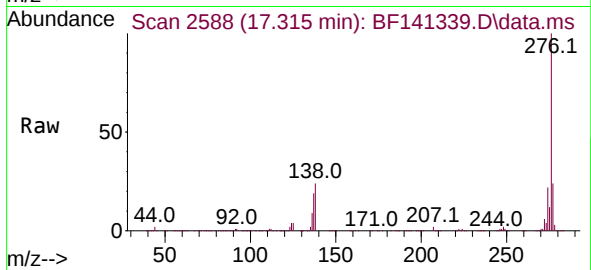
Tgt Ion:278 Resp: 659105
Ion Ratio Lower Upper
278 100
139 17.2 13.9 20.9
279 23.6 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 34.502 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141339.D
Acq: 31 Jan 2025 18:44

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MS



Tgt Ion:276 Resp: 60269
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 23.6 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

