

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141340.D
 Acq On : 31 Jan 2025 19:11
 Operator : RC/JU
 Sample : Q1218-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MSD

Quant Time: Jan 31 22:30:52 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142670	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	521314	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	271292	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	395783	20.000	ng	0.00
76) Chrysene-d12	13.968	240	279691	20.000	ng	0.00
86) Perylene-d12	15.421	264	312761	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1150056	123.752	ng	0.02
7) Phenol-d6	6.445	99	1390165	117.589	ng	0.00
23) Nitrobenzene-d5	7.369	82	884339	89.426	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	297928	119.788	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1509903	85.665	ng	0.00
79) Terphenyl-d14	12.910	244	1237686	68.245	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.751	88	153231m	37.491	ng	Qvalue
3) Pyridine	3.451	79	219631	22.303	ng	100
4) n-Nitrosodimethylamine	3.363	42	217752	38.708	ng	98
6) Aniline	6.475	93	182356	18.222	ng	# 30
8) 2-Chlorophenol	6.592	128	416608	41.825	ng	97
9) Benzaldehyde	6.351	77	159468	23.287	ng	98
10) Phenol	6.463	94	482481	38.500	ng	91
11) bis(2-Chloroethyl)ether	6.539	93	414301	43.116	ng	97
12) 1,3-Dichlorobenzene	6.739	146	394998	35.965	ng	100
13) 1,4-Dichlorobenzene	6.822	146	401367	36.378	ng	99
14) 1,2-Dichlorobenzene	6.969	146	375771	36.372	ng	99
15) Benzyl Alcohol	6.957	79	350399	43.371	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	665073	39.803	ng	70
17) 2-Methylphenol	7.063	107	325000	40.146	ng	96
18) Hexachloroethane	7.316	117	155805	38.279	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	282862	40.266	ng	97
20) 3+4-Methylphenols	7.216	107	397542	39.995	ng	# 89
22) Acetophenone	7.210	105	593012	47.856	ng	# 97
24) Nitrobenzene	7.386	77	469271	45.791	ng	99
25) Isophorone	7.628	82	693973	40.597	ng	99
26) 2-Nitrophenol	7.698	139	181160	37.483	ng	93
27) 2,4-Dimethylphenol	7.745	122	275977m	44.861	ng	
28) bis(2-Chloroethoxy)met...	7.833	93	354422	32.505	ng	98
29) 2,4-Dichlorophenol	7.945	162	216861	28.795	ng	94
30) 1,2,4-Trichlorobenzene	8.022	180	334708	38.916	ng	99
31) Naphthalene	8.104	128	1055072	38.311	ng	100
32) Benzoic acid	8.439	122	23221760m	4106.266	ng	
33) 4-Chloroaniline	8.175	127	57726	6.181	ng	# 14
34) Hexachlorobutadiene	8.222	225	163478	32.412	ng	99
35) Caprolactam	8.728	113	100725	40.952	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	349171	43.224	ng	97
37) 2-Methylnaphthalene	8.798	142	714422	40.815	ng	99
38) 1-Methylnaphthalene	8.898	142	697402	40.561	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	368448	47.739	ng	98
41) Hexachlorocyclopentadiene	8.951	237	423151	185.647	ng	99
43) 2,4,6-Trichlorophenol	9.086	196	227525	45.039	ng	99

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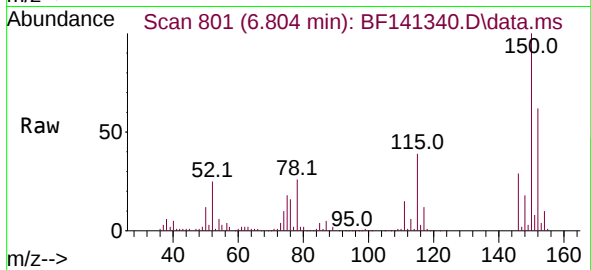
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	240917	43.818	ng	98
46) 1,1'-Biphenyl	9.263	154	1007225	47.606	ng	99
47) 2-Chloronaphthalene	9.286	162	680086	41.240	ng	99
48) 2-Nitroaniline	9.392	65	186519	35.958	ng	99
49) Acenaphthylene	9.704	152	916431	39.699	ng	100
50) Dimethylphthalate	9.580	163	808935	44.149	ng	99
51) 2,6-Dinitrotoluene	9.639	165	167958	39.479	ng	92
52) Acenaphthene	9.875	154	753252m	45.675	ng	
53) 3-Nitroaniline	9.816	138	58071	13.927	ng	98
54) 2,4-Dinitrophenol	9.922	184	211534	106.961	ng	98
55) Dibenzofuran	10.051	168	892050	40.410	ng	99
56) 4-Nitrophenol	9.992	139	222214	72.869	ng	97
57) 2,4-Dinitrotoluene	10.039	165	211301	38.361	ng	# 88
58) Fluorene	10.392	166	696694	40.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	189214	43.744	ng	98
60) Diethylphthalate	10.275	149	718228	40.427	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	341406	40.818	ng	99
62) 4-Nitroaniline	10.410	138	108113	26.373	ng	99
63) Azobenzene	10.545	77	725174	40.778	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	126669	54.108	ng	98
66) n-Nitrosodiphenylamine	10.504	169	600618	46.919	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	193762	43.730	ng	99
68) Hexachlorobenzene	10.939	284	212929	45.303	ng	99
69) Atrazine	11.039	200	137336	32.088	ng	98
70) Pentachlorophenol	11.139	266	259262	94.198	ng	99
71) Phenanthrene	11.351	178	929973	43.712	ng	100
72) Anthracene	11.404	178	936429	44.922	ng	99
73) Carbazole	11.557	167	722300	39.076	ng	100
74) Di-n-butylphthalate	11.892	149	962080	42.948	ng	100
75) Fluoranthene	12.539	202	837807	39.883	ng	100
78) Pyrene	12.768	202	844011	31.437	ng	99
80) Butylbenzylphthalate	13.392	149	356371	37.995	ng	98
81) Benzo(a)anthracene	13.957	228	756912	39.218	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	92382	15.050	ng	99
83) Chrysene	13.992	228	744577	42.095	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	484536	40.723	ng	99
85) Di-n-octyl phthalate	14.568	149	908345	49.152	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	772651	38.276	ng	100
88) Benzo(b)fluoranthene	15.004	252	920585	46.793	ng	99
89) Benzo(k)fluoranthene	15.033	252	694577	39.853	ng	100
90) Benzo(a)pyrene	15.362	252	753917	45.348	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	627391	38.631	ng	100
92) Benzo(g,h,i)perylene	17.309	276	573319	33.950	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

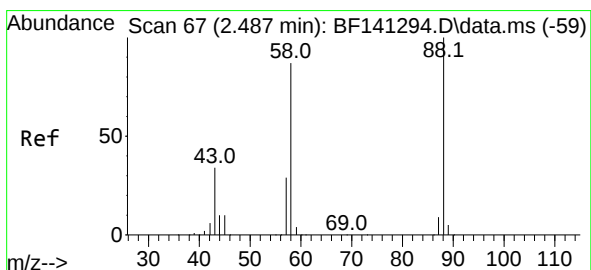
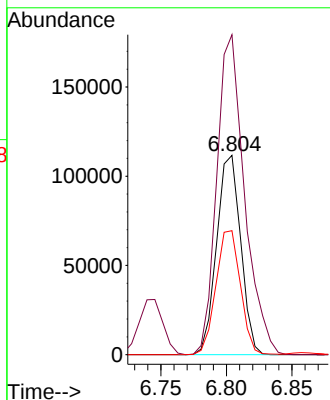
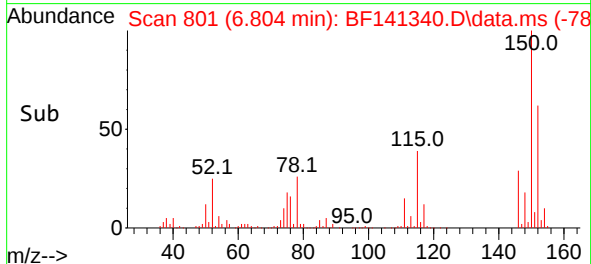
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:152 Resp: 142670
Ion Ratio Lower Upper
152 100
150 160.6 125.9 188.9
115 62.2 49.7 74.5

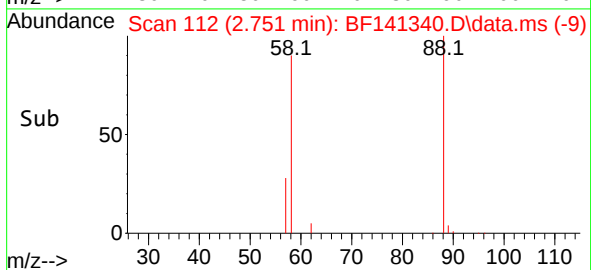
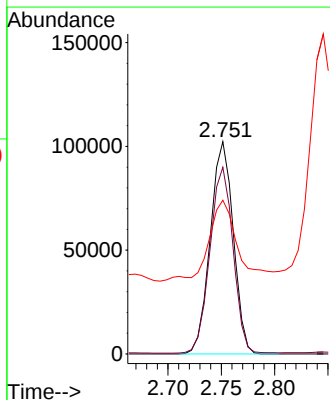
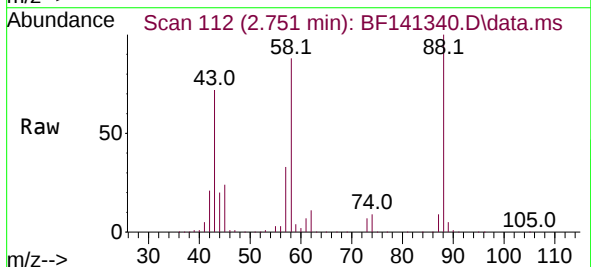
Manual Integrations
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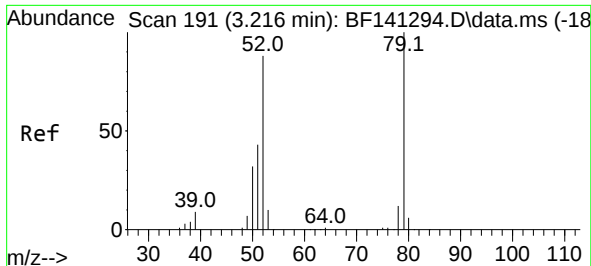
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 37.491 ng m
RT: 2.751 min Scan# 112
Delta R.T. 0.259 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

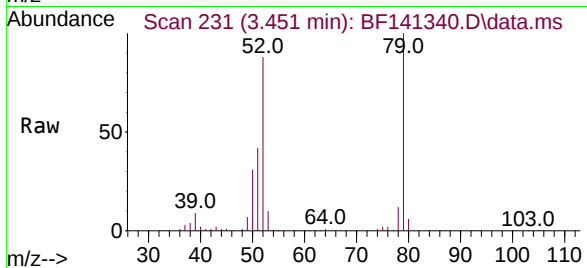
Tgt Ion: 88 Resp: 153231
Ion Ratio Lower Upper
88 100
58 128.1 70.2 105.4#
43 0.0 27.6 41.4#





#3
Pyridine
Concen: 22.303 ng
RT: 3.451 min Scan# 216
Delta R.T. 0.223 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

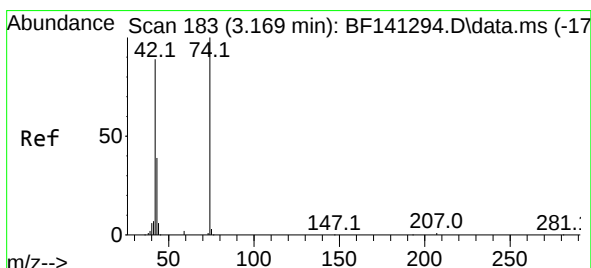
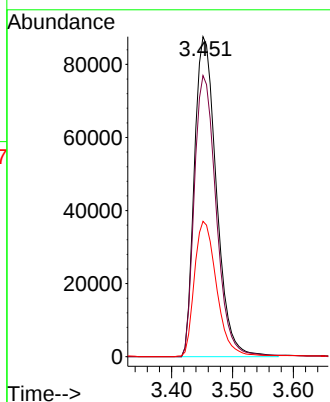
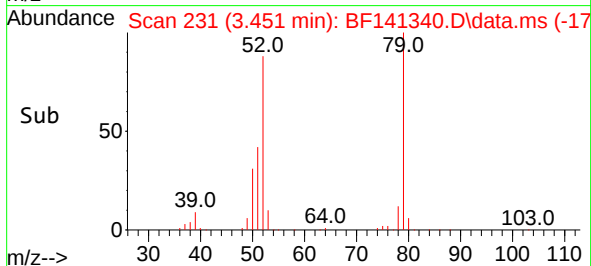
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ClientSampleId :
BELL-25-002MSD



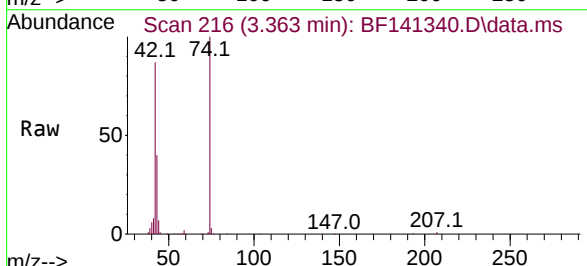
Tgt Ion: 79 Resp: 21963
Ion Ratio Lower Upper
79 100
52 87.9 70.3 105.5
51 42.3 34.3 51.5

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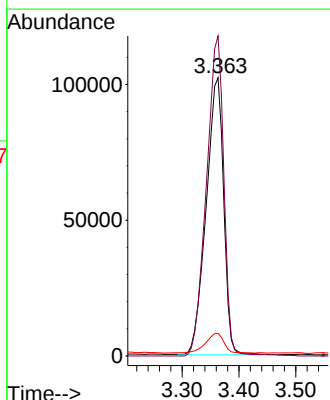
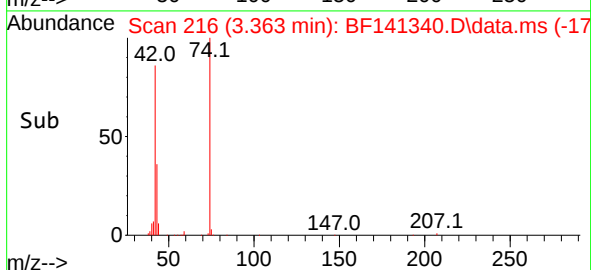
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

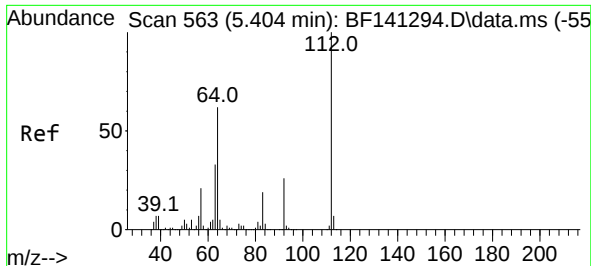


#4
n-Nitrosodimethylamine
Concen: 38.708 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.164 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



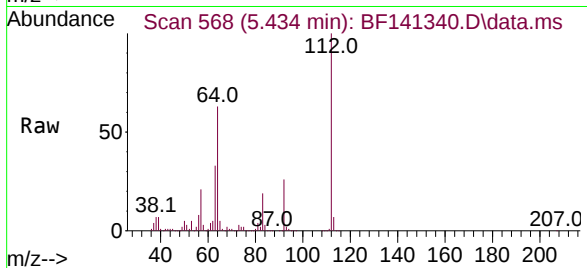
Tgt Ion: 42 Resp: 217752
Ion Ratio Lower Upper
42 100
74 115.0 90.3 135.5
44 8.1 5.7 8.5





#5
2-Fluorophenol
Concen: 123.752 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

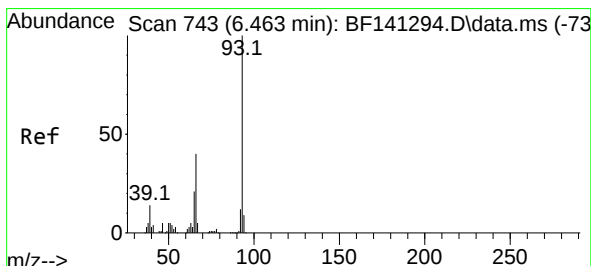
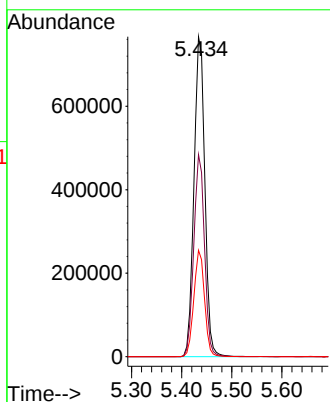
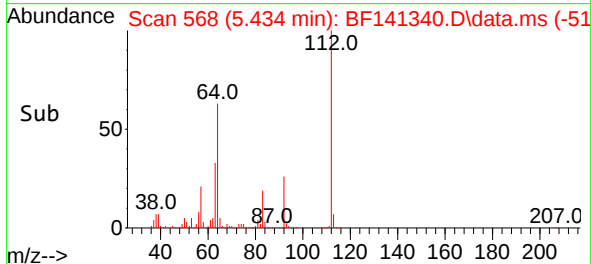
Instrument :
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ClientSampleId :
BELL-25-002MSD



Tgt Ion:112 Resp: 1150050
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.8
63 33.2 26.1 39.1

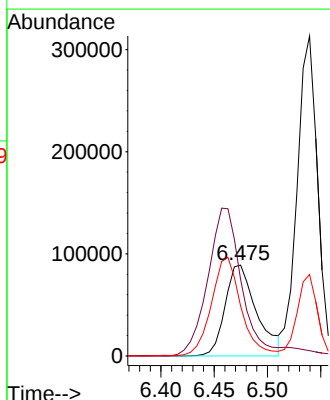
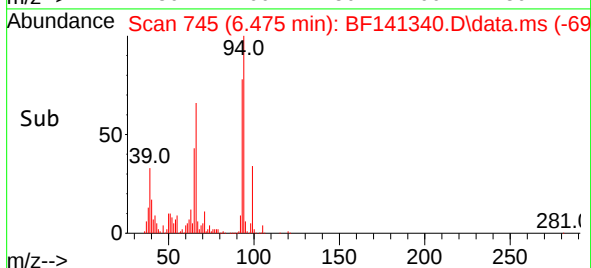
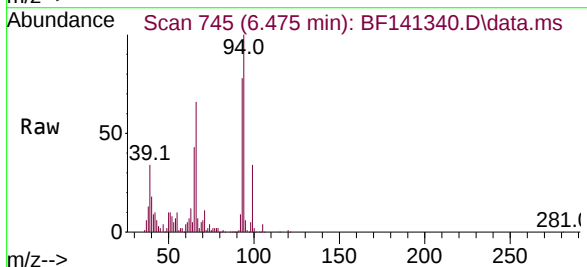
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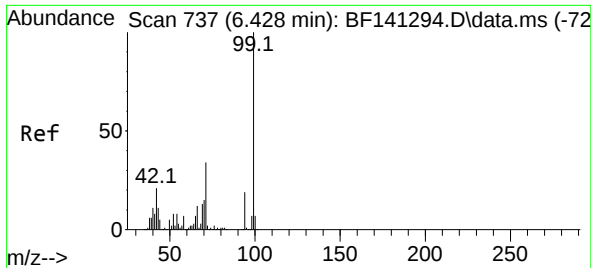
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 18.222 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

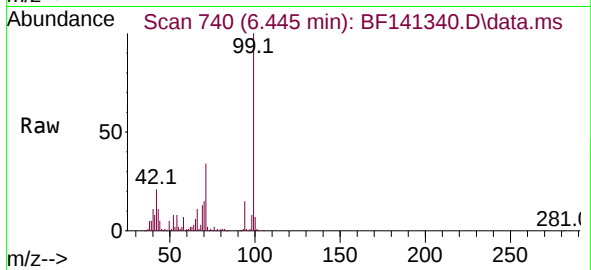
Tgt Ion: 93 Resp: 182356
Ion Ratio Lower Upper
93 100
66 84.1 32.5 48.7#
65 54.9 17.0 25.6#





#7
Phenol-d6
Concen: 117.589 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

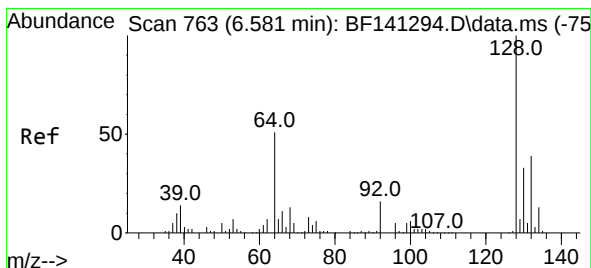
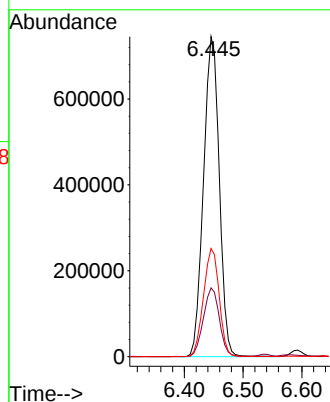
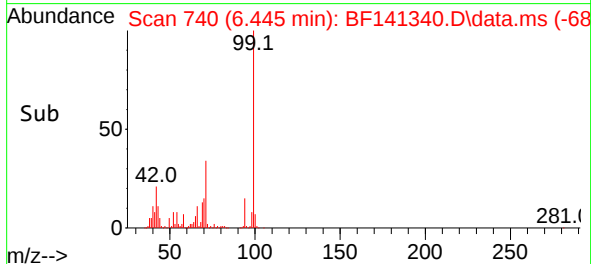
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion: 99 Resp: 139016
Ion Ratio Lower Upper
99 100
42 21.5 17.1 25.7
71 33.8 26.9 40.3

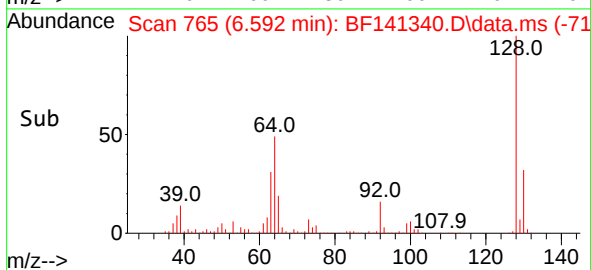
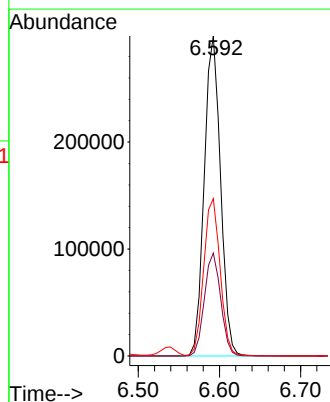
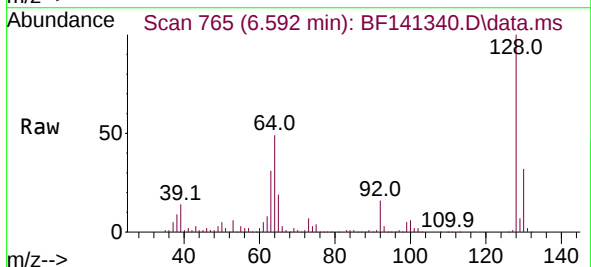
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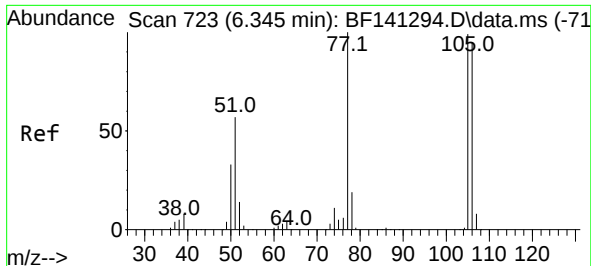
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#8
2-Chlorophenol
Concen: 41.825 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

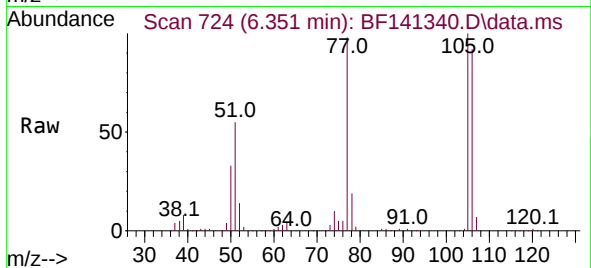
Tgt Ion:128 Resp: 416608
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 49.2 32.9 72.9





#9
Benzaldehyde
Concen: 23.287 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

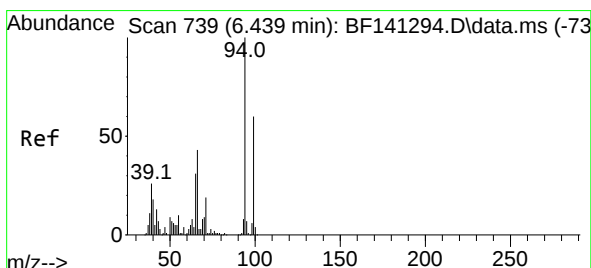
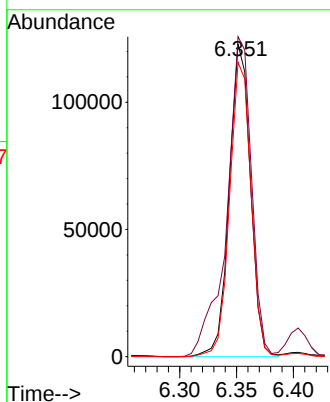
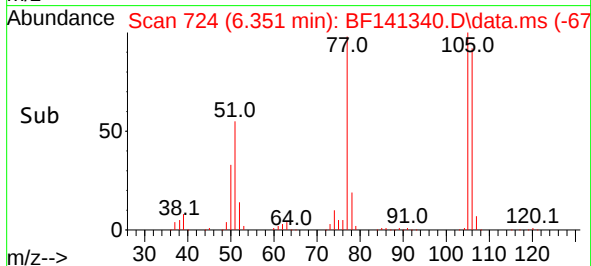
Instrument :
BNA_F
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BELL-25-002MSD



Tgt Ion: 77 Resp: 159468
Ion Ratio Lower Upper
77 100
105 102.4 79.4 119.4
106 94.3 74.6 114.6

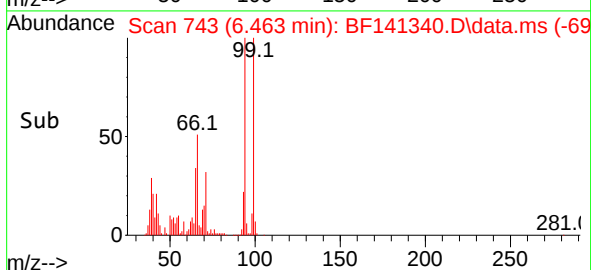
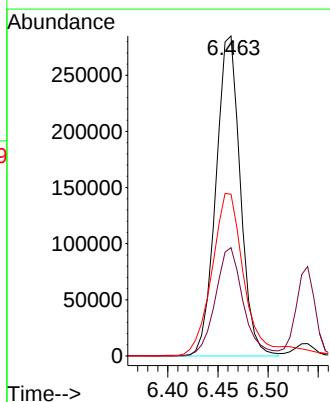
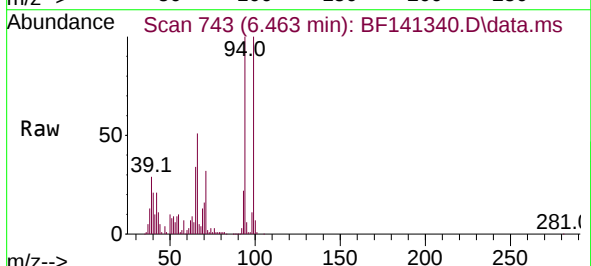
Manual Integrations
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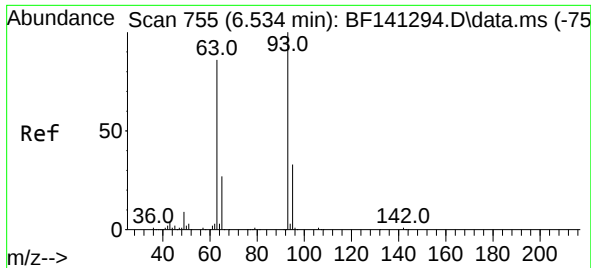
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 38.500 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

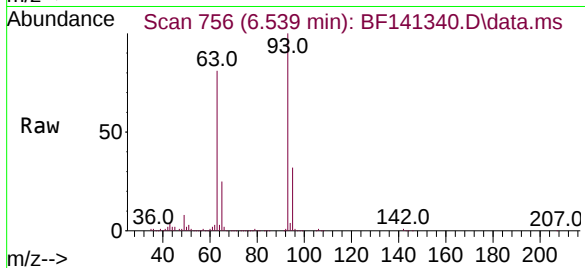
Tgt Ion: 94 Resp: 482481
Ion Ratio Lower Upper
94 100
65 33.9 10.8 50.8
66 50.6 23.3 63.3





#11
bis(2-Chloroethyl)ether
Concen: 43.116 ng
RT: 6.539 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

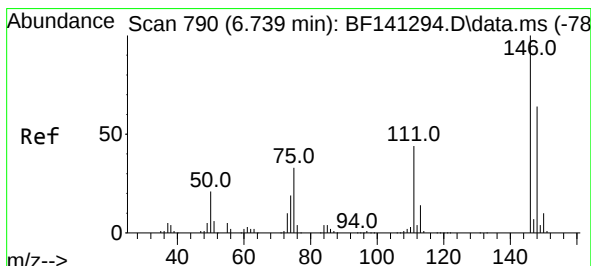
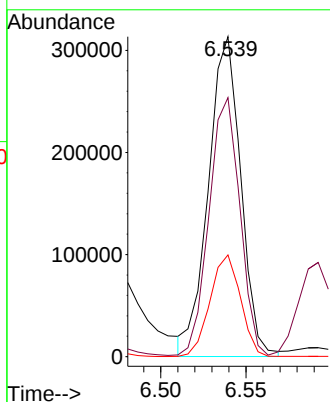
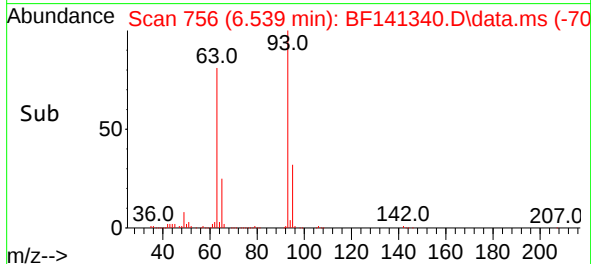
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion: 93 Resp: 41430
Ion Ratio Lower Upper
93 100
63 81.0 65.0 105.0
95 31.8 12.4 52.4

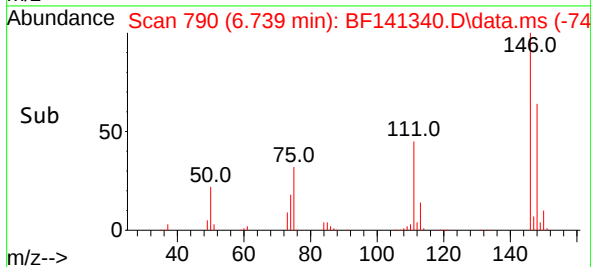
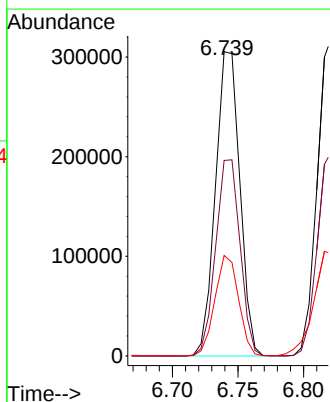
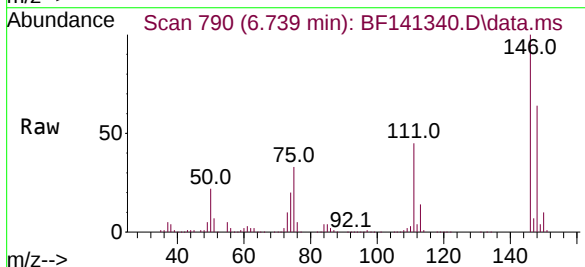
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 35.965 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

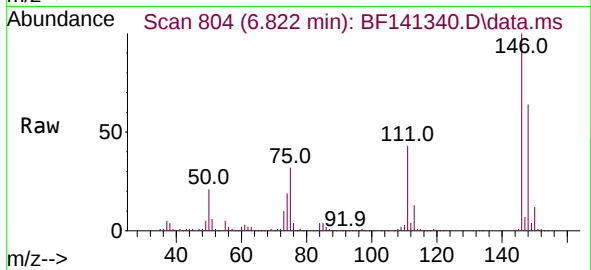
Tgt Ion:146 Resp: 394998
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 33.0 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.378 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

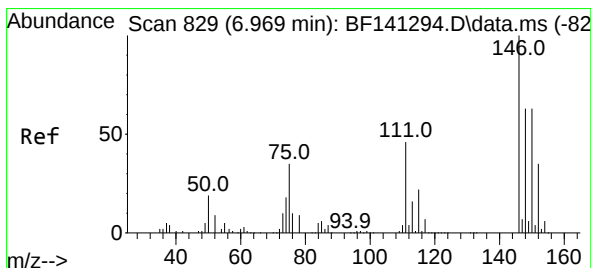
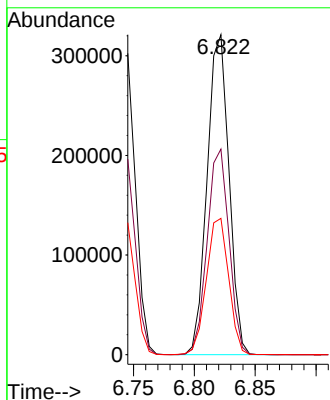
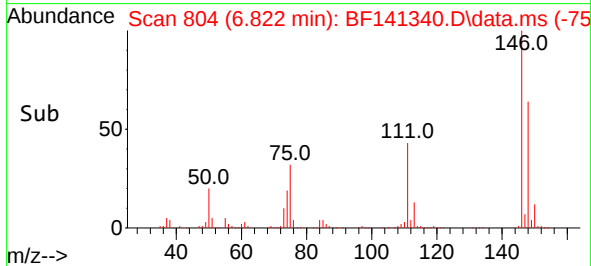
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



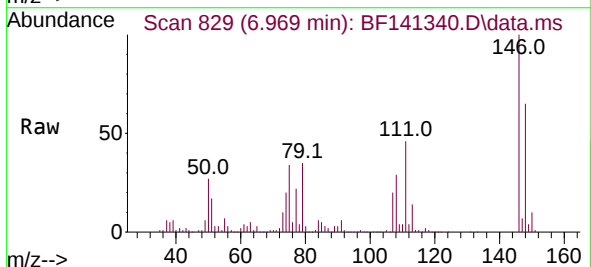
Tgt Ion:146 Resp: 40136
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 42.6 35.0 52.4

Manual Integrations
APPROVED

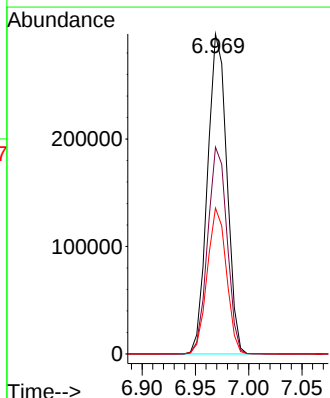
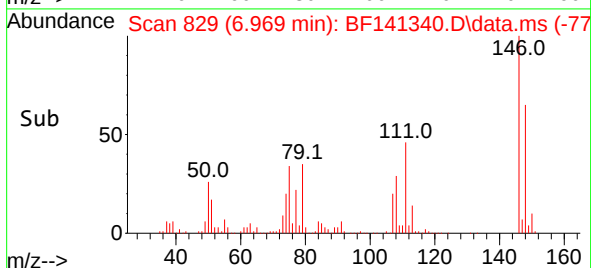
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

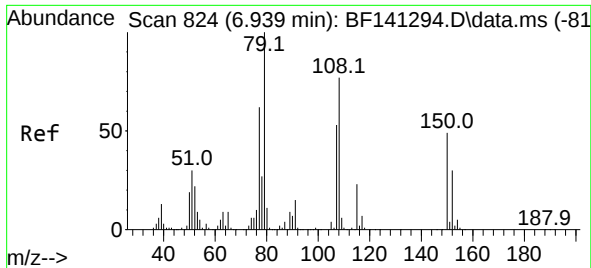


#14
1,2-Dichlorobenzene
Concen: 36.372 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



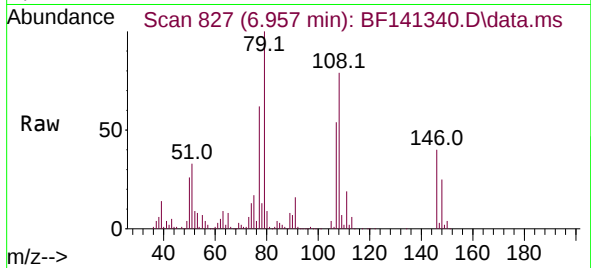
Tgt Ion:146 Resp: 375771
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
111 45.6 36.6 55.0





#15
Benzyl Alcohol
Concen: 43.371 ng
RT: 6.957 min Scan# 827
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

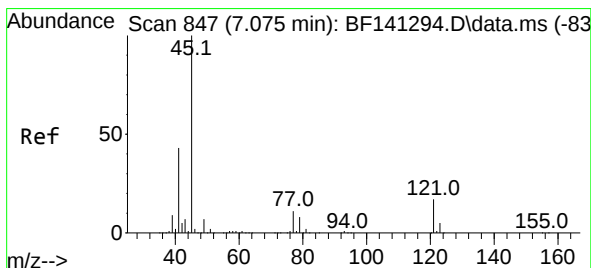
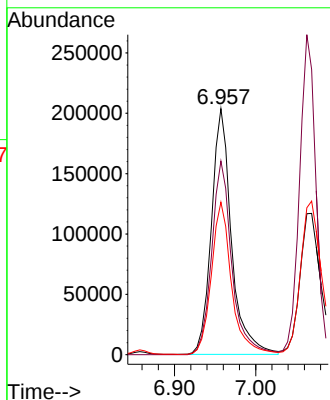
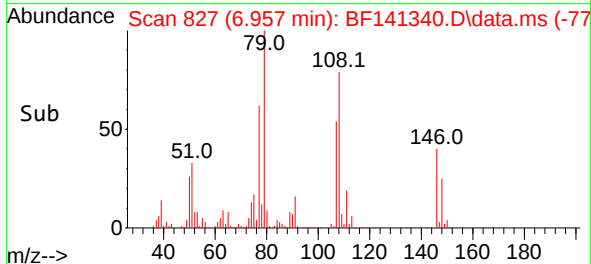
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion: 79 Resp: 350399
Ion Ratio Lower Upper
79 100
108 78.6 61.4 92.0
77 61.9 49.9 74.9

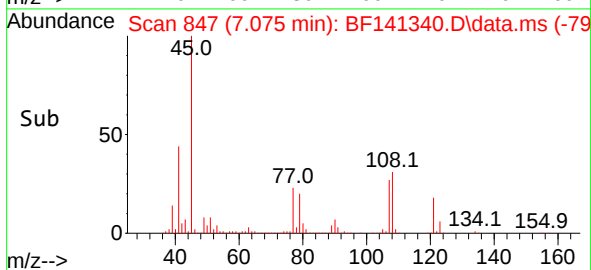
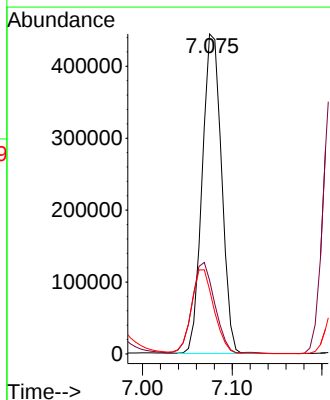
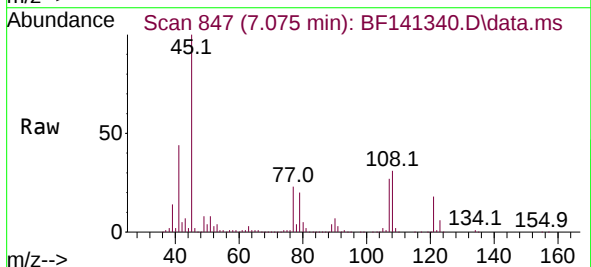
Manual Integrations
APPROVED

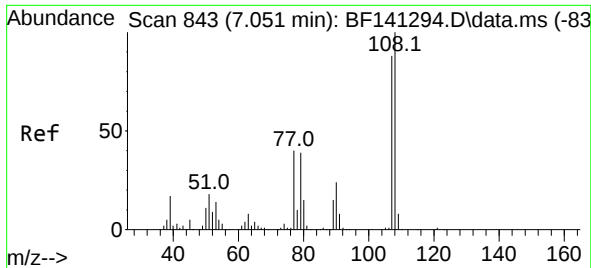
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.803 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

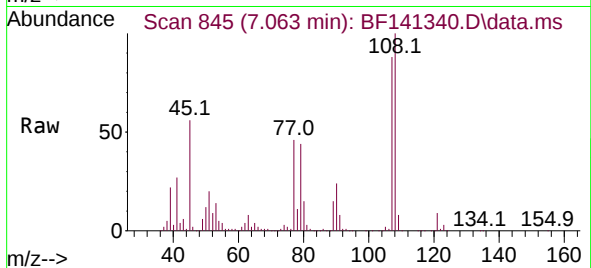
Tgt Ion: 45 Resp: 665073
Ion Ratio Lower Upper
45 100
77 23.0 0.0 31.8
79 20.1 0.0 29.1





#17
2-Methylphenol
Concen: 40.146 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

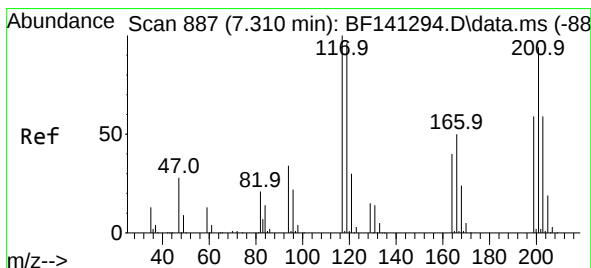
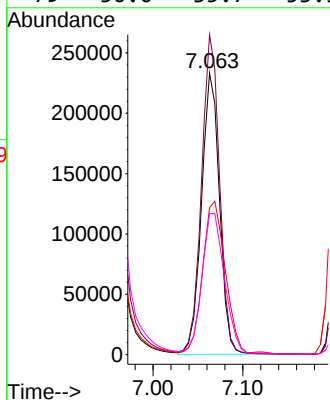
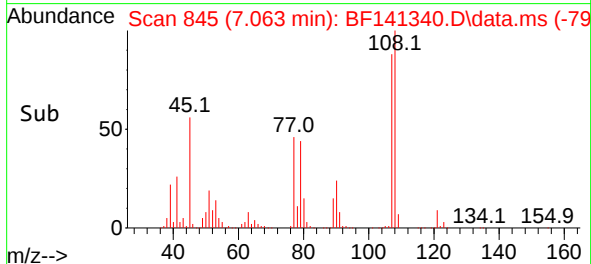
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:107 Resp: 325000
Ion Ratio Lower Upper
107 100
108 113.6 90.8 136.2
77 52.2 36.2 54.4
79 50.0 35.7 53.5

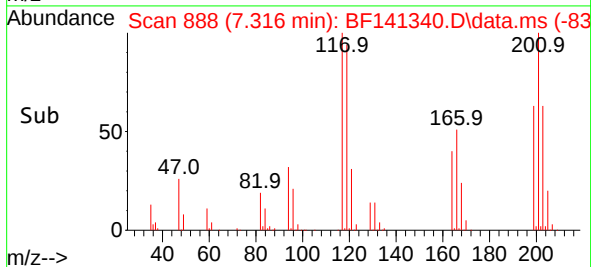
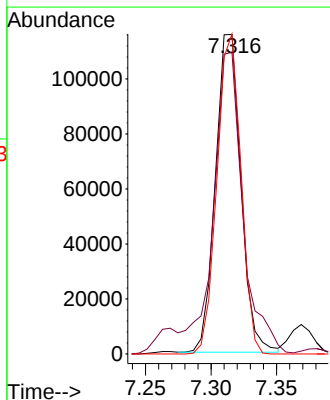
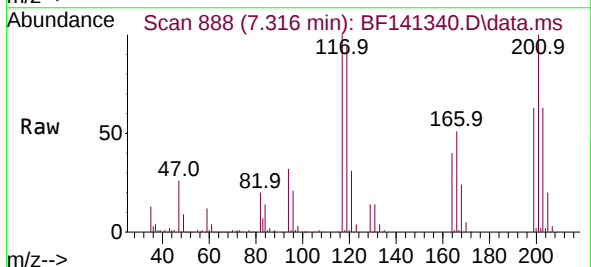
Manual Integrations
APPROVED

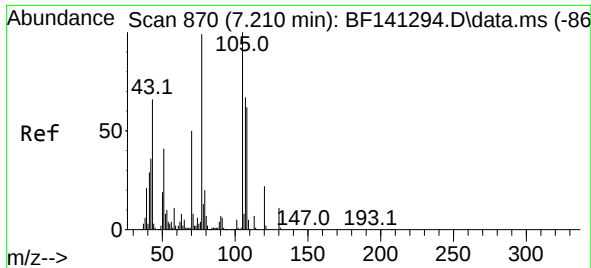
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 38.279 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

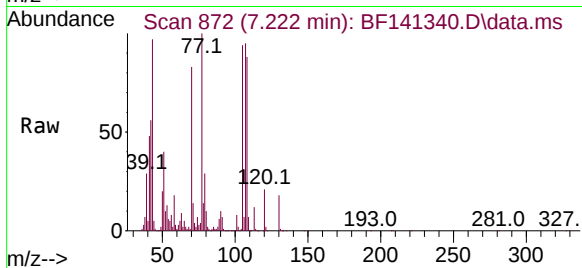
Tgt Ion:117 Resp: 155805
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
201 100.1 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.266 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

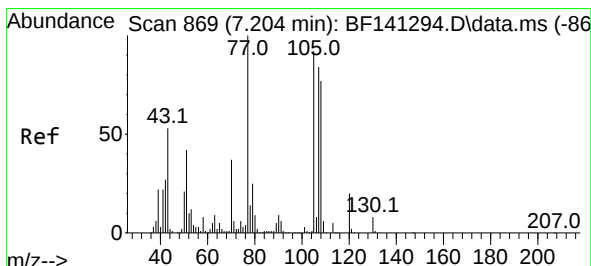
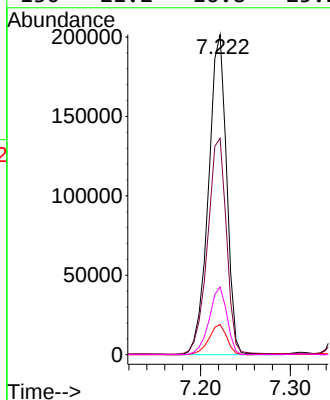
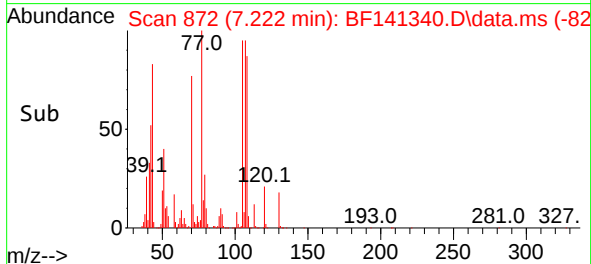
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



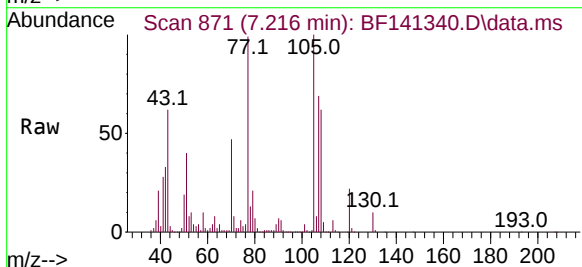
Tgt Ion: 70 Resp: 282862
Ion Ratio Lower Upper
70 100
42 67.6 56.8 85.2
101 9.4 7.7 11.5
130 21.2 16.8 25.2

Manual Integrations
APPROVED

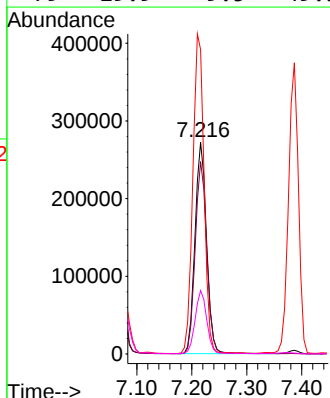
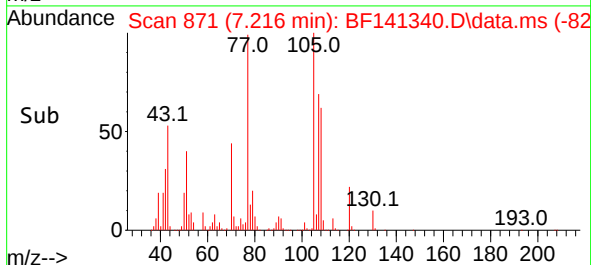
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#20
3+4-Methylphenols
Concen: 39.995 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



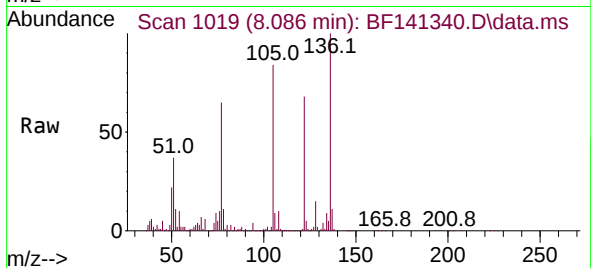
Tgt Ion:107 Resp: 397542
Ion Ratio Lower Upper
107 100
108 90.9 70.9 110.9
77 143.7 98.5 138.5#
79 29.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

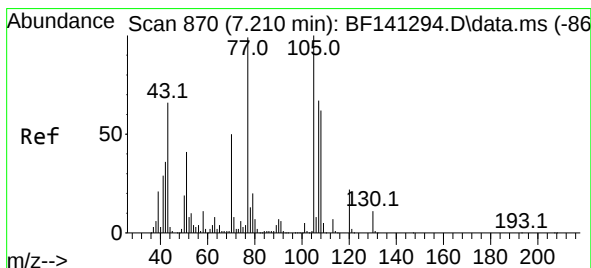
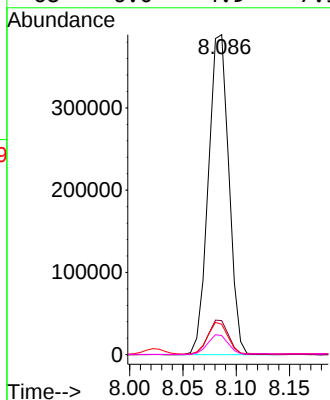
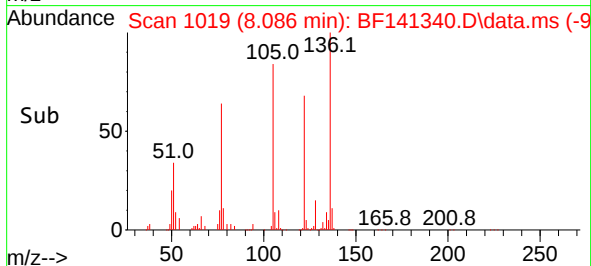
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:136 Resp: 521314
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.5 7.8 11.8
68 6.0 4.9 7.3

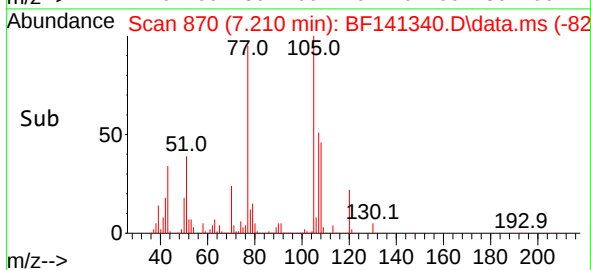
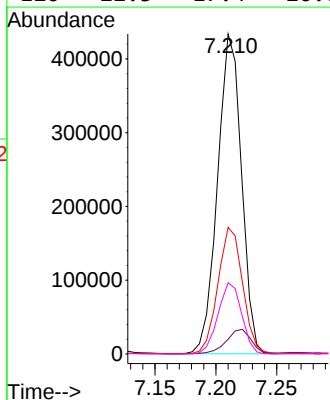
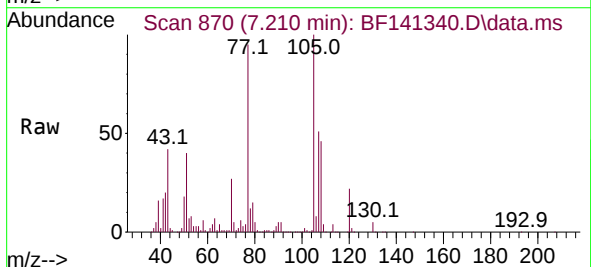
Manual Integrations
APPROVED

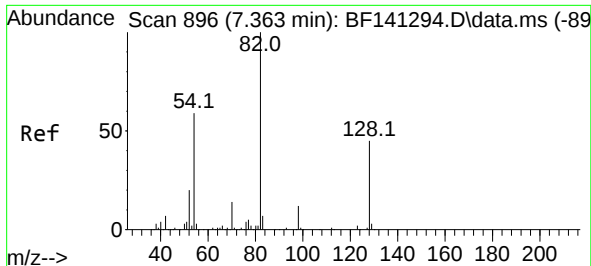
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 47.856 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:105 Resp: 593012
Ion Ratio Lower Upper
105 100
71 4.6 6.8 10.2#
51 39.5 32.6 49.0
120 22.3 17.4 26.0





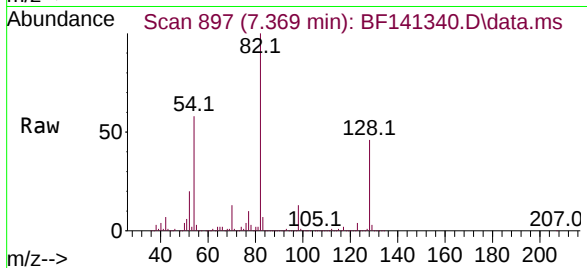
#23
Nitrobenzene-d5
Concen: 89.426 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

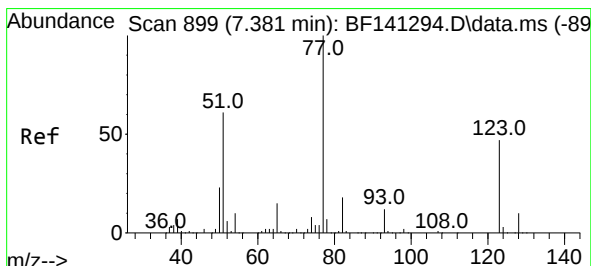
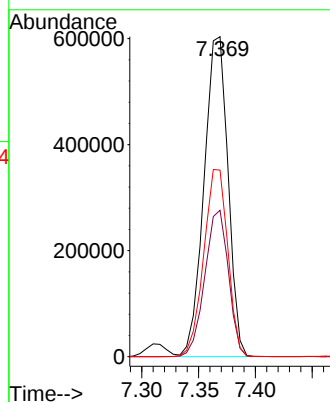
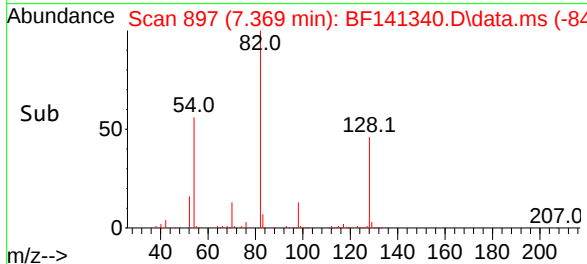


Tgt Ion: 82 Resp: 884339
Ion Ratio Lower Upper
82 100
128 45.7 35.7 53.5
54 58.3 47.1 70.7

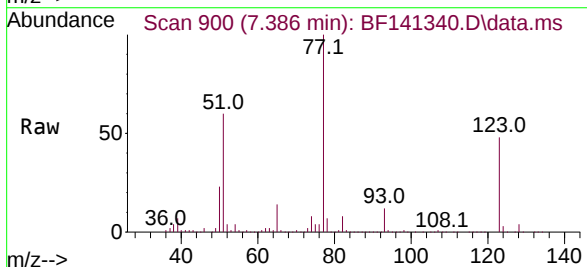
Manual Integrations

APPROVED

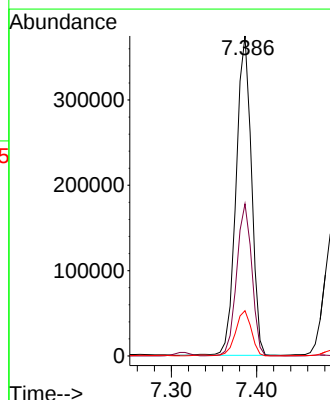
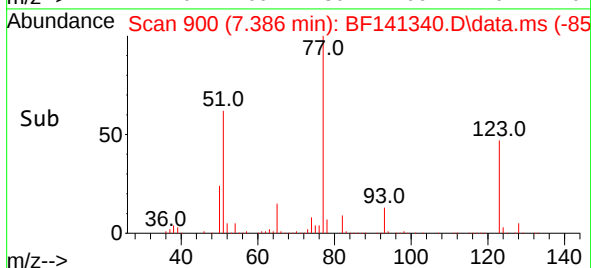
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

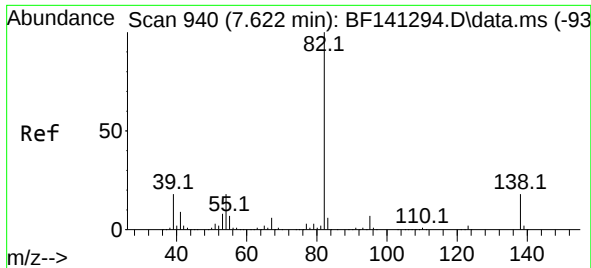


#24
Nitrobenzene
Concen: 45.791 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



Tgt Ion: 77 Resp: 469271
Ion Ratio Lower Upper
77 100
123 47.5 37.3 55.9
65 14.2 11.8 17.6





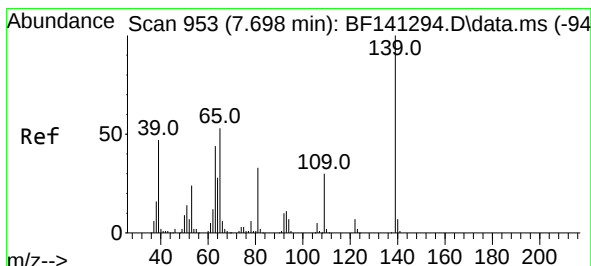
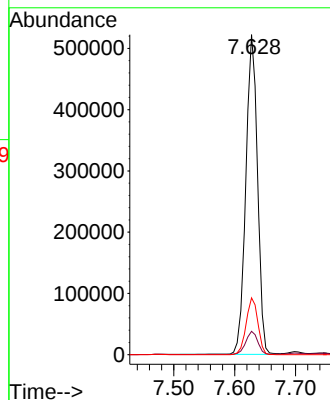
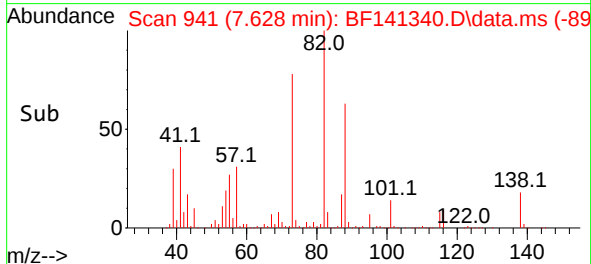
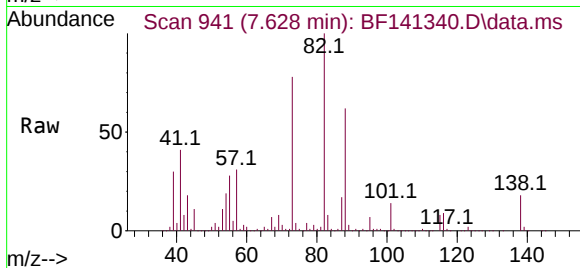
#25
Isophorone
Concen: 40.597 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion: 82 Resp: 69397
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.8 14.7 22.1

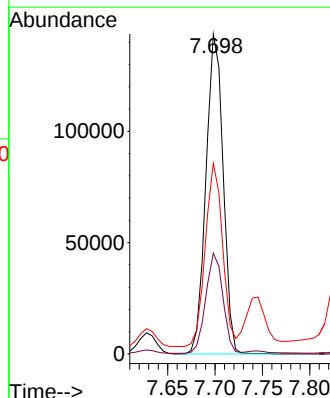
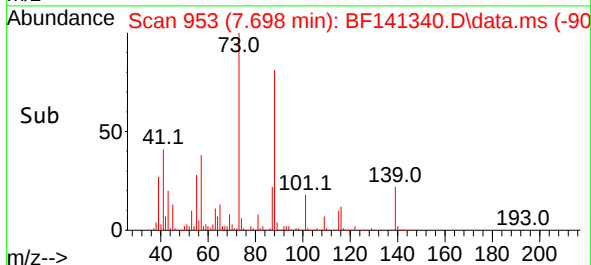
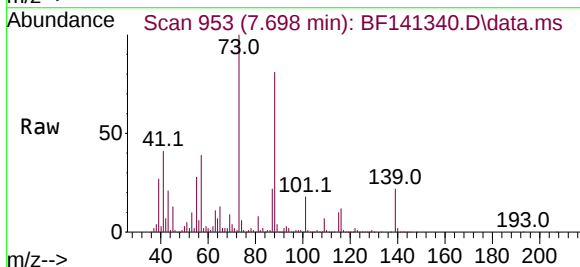
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 37.483 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:139 Resp: 181160
Ion Ratio Lower Upper
139 100
109 31.5 23.8 35.6
65 59.6 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 44.861 ng m

RT: 7.745 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF141340.D

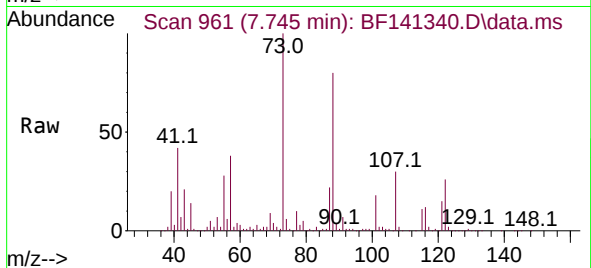
Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD



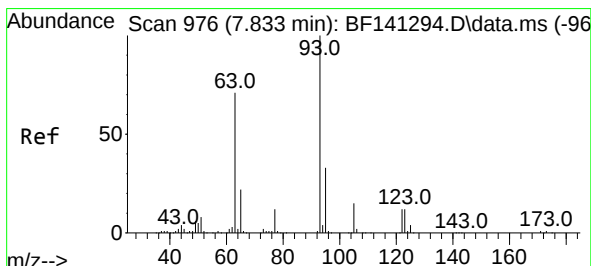
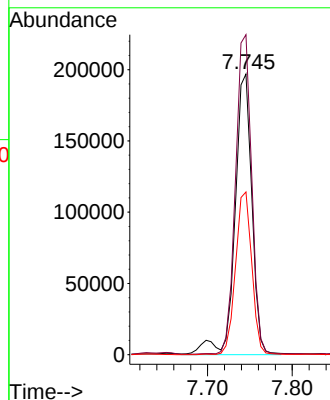
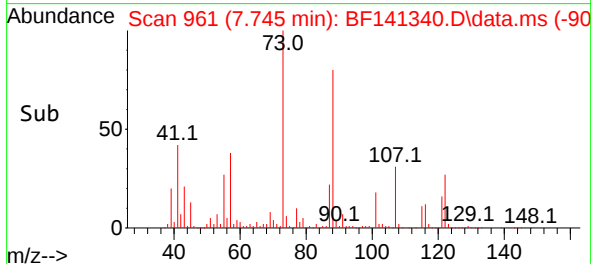
Tgt Ion:122 Resp: 27597

Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.9	134.9
121	58.0	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: 32.505 ng

RT: 7.833 min Scan# 976

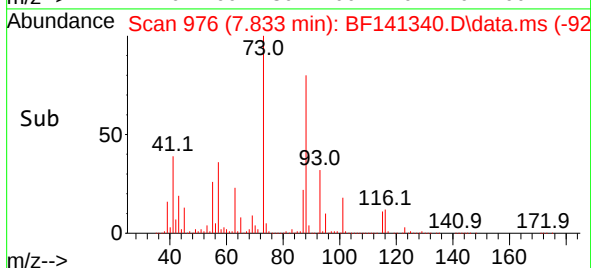
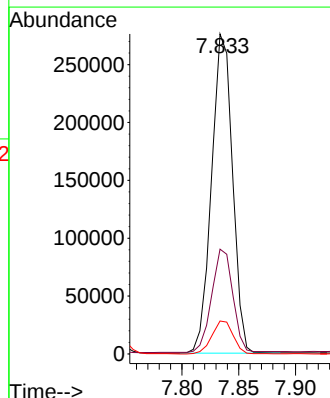
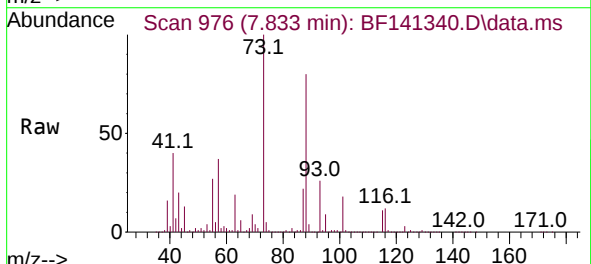
Delta R.T. -0.006 min

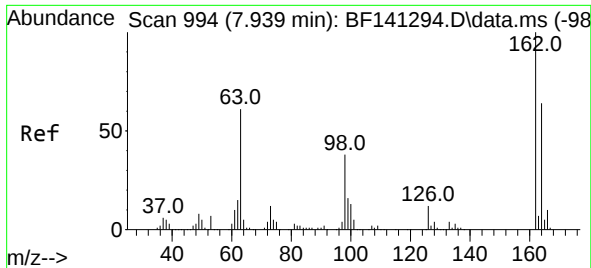
Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Tgt Ion: 93 Resp: 354422

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	10.3	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 28.795 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

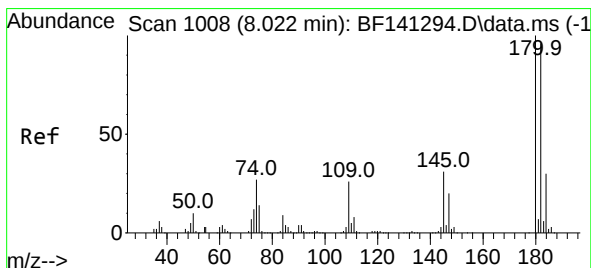
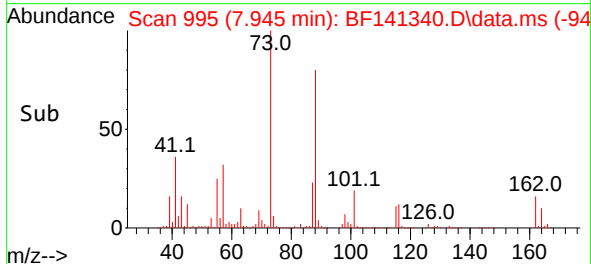
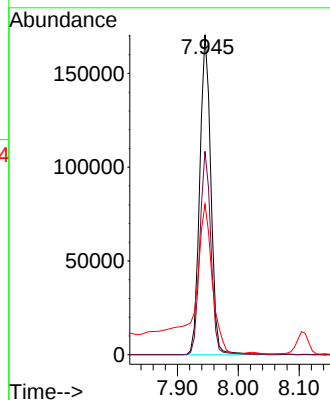
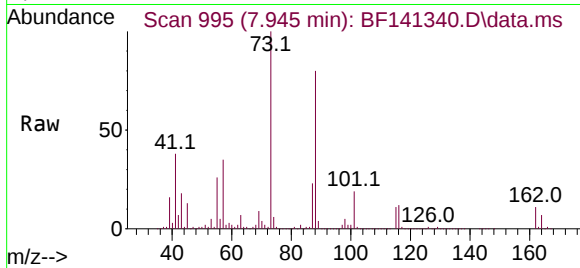
BELL-25-002MSD

Tgt Ion:162 Resp: 21686
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.2 84.2
 98 47.0 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: 38.916 ng

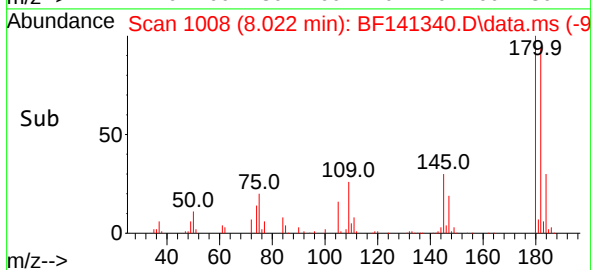
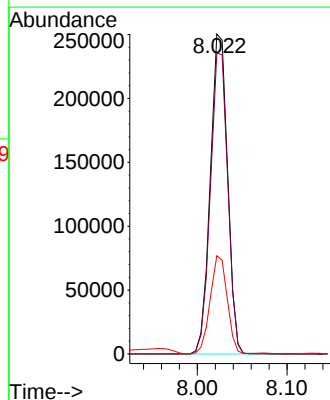
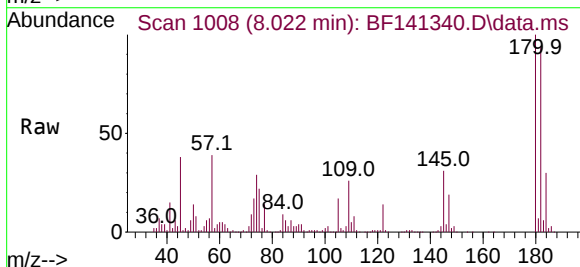
RT: 8.022 min Scan# 1008

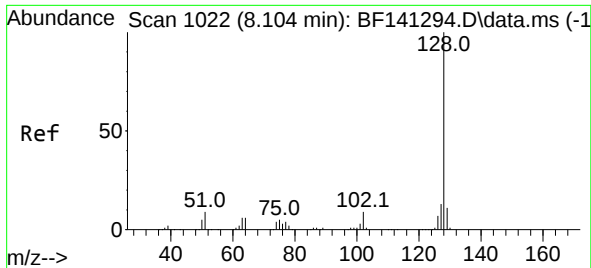
Delta R.T. -0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

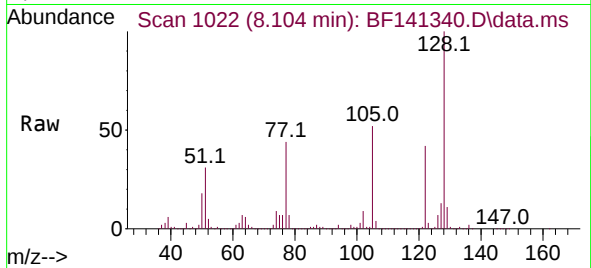
Tgt Ion:180 Resp: 334708
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.4 114.6
 145 30.7 24.9 37.3





#31
Naphthalene
Concen: 38.311 ng
RT: 8.104 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

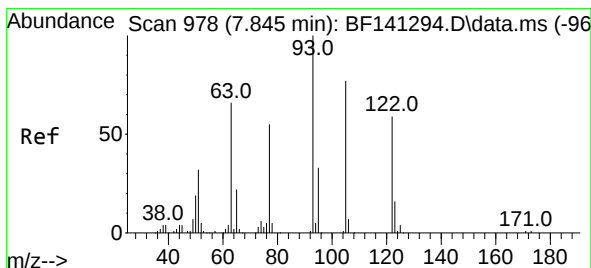
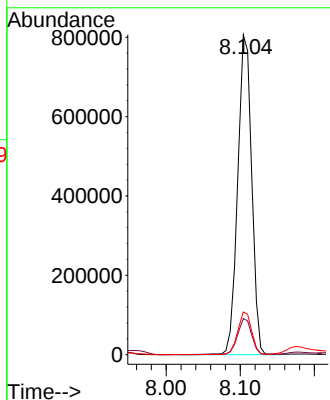
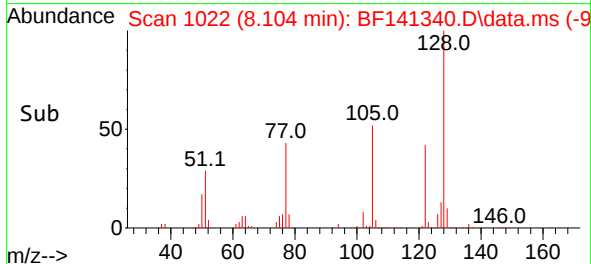
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:128 Resp: 1055072
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8

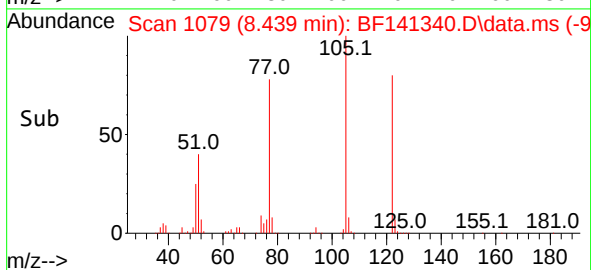
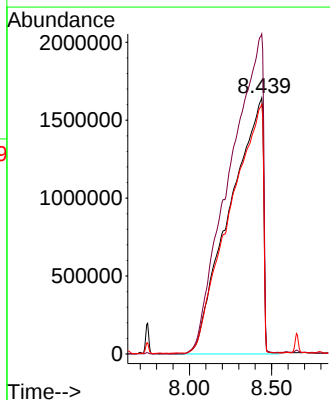
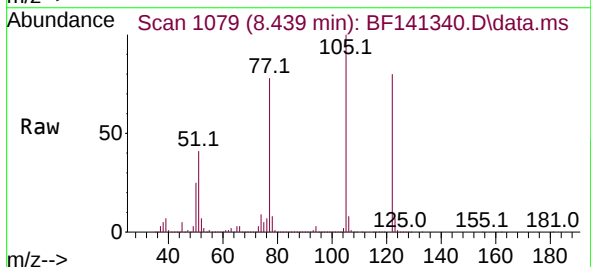
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APPROVED

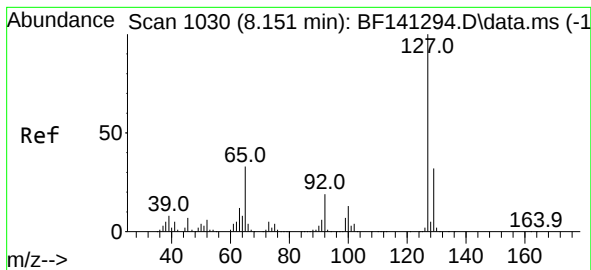
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 4106.266 ng m
RT: 8.439 min Scan# 1079
Delta R.T. 0.559 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:122 Resp:23221760
Ion Ratio Lower Upper
122 100
105 125.0 103.4 143.4
77 97.5 70.9 110.9





#33

4-Chloroaniline

Concen: 6.181 ng

RT: 8.175 min Scan# 1034

Delta R.T. 0.017 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

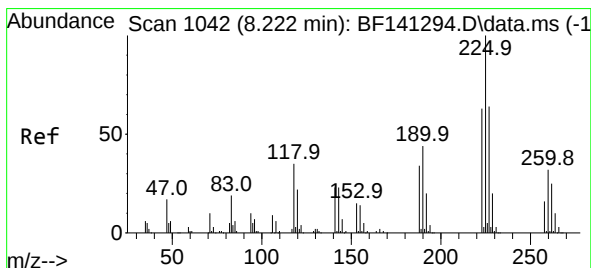
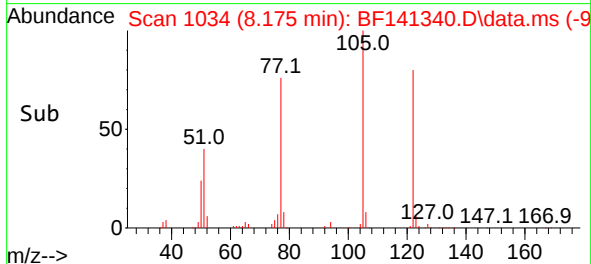
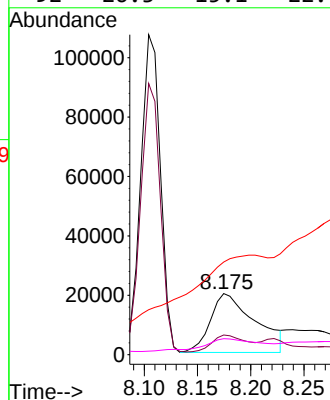
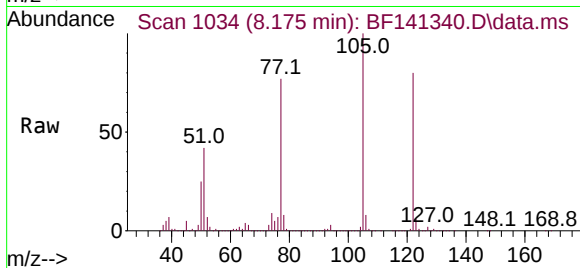
BELL-25-002MSD

Tgt Ion:	127	Resp:	57720
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.7	38.5
65	151.6	26.4	39.6
92	26.3	15.1	22.7

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 32.412 ng

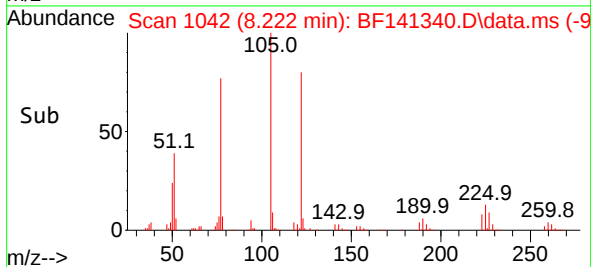
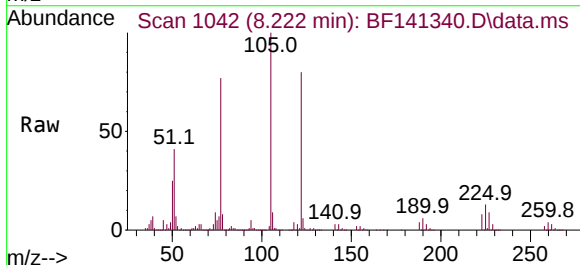
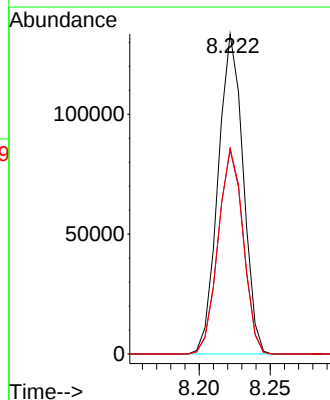
RT: 8.222 min Scan# 1042

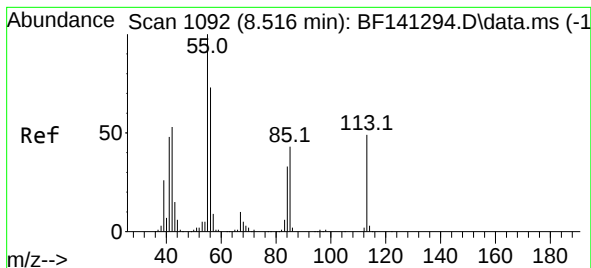
Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Tgt Ion:	225	Resp:	163478
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.4	75.6
227	64.4	51.3	76.9





#35

Caprolactam

Concen: 40.952 ng

RT: 8.728 min Scan# 1128

Delta R.T. 0.182 min

Lab File: BF141340.D

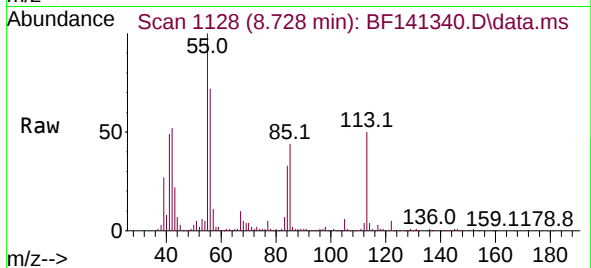
Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD



Tgt Ion:113 Resp: 100729

Ion Ratio Lower Upper

113 100

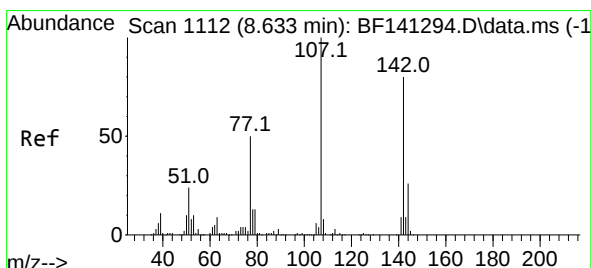
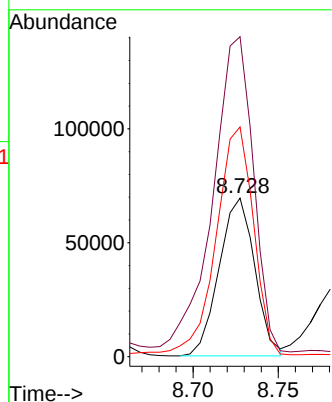
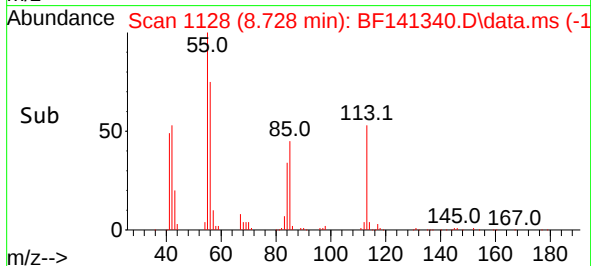
55 201.8 182.9 222.9

56 144.9 127.9 167.9

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 43.224 ng

RT: 8.651 min Scan# 1115

Delta R.T. 0.012 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

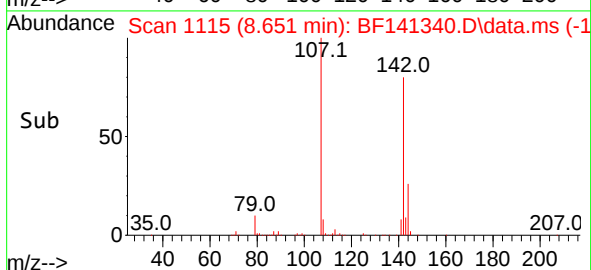
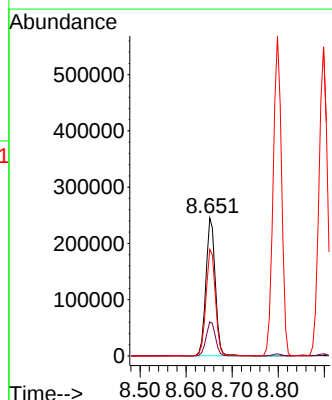
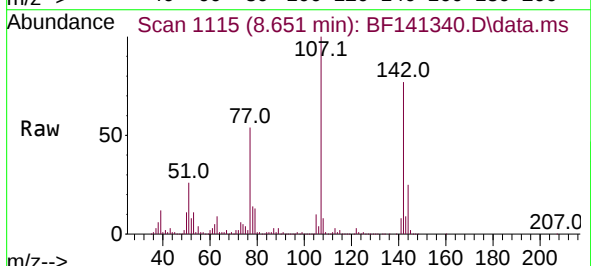
Tgt Ion:107 Resp: 349171

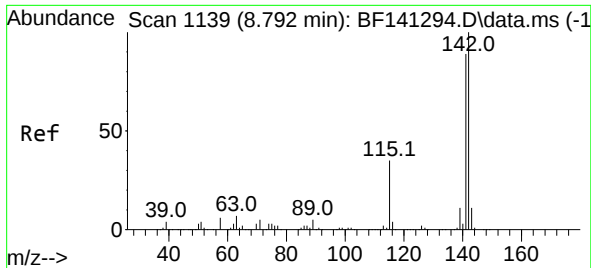
Ion Ratio Lower Upper

107 100

144 24.7 20.7 31.1

142 77.2 63.8 95.8





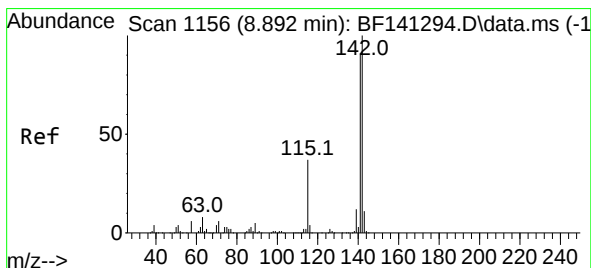
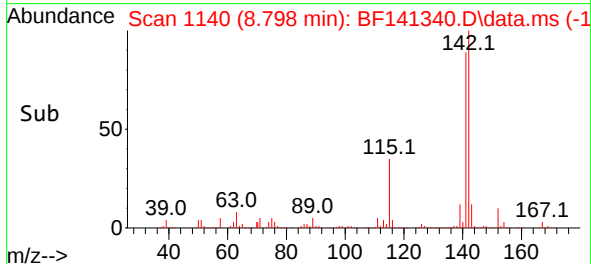
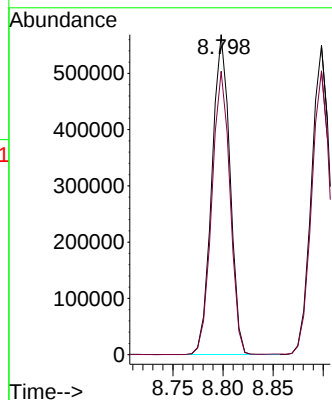
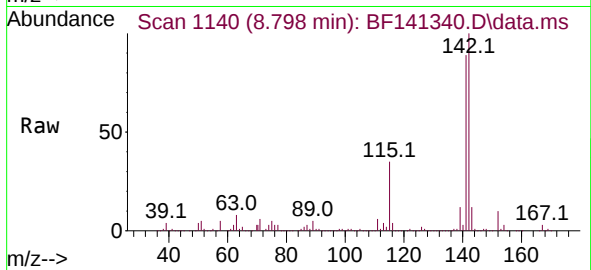
#37
2-Methylnaphthalene
Concen: 40.815 ng
RT: 8.798 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion:142 Resp: 71442
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9

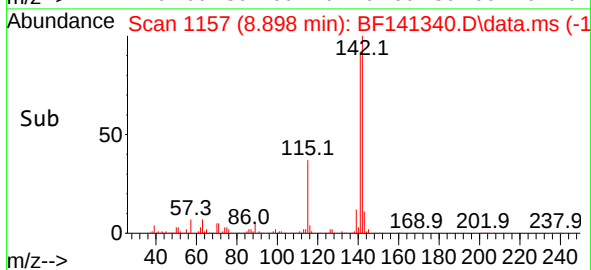
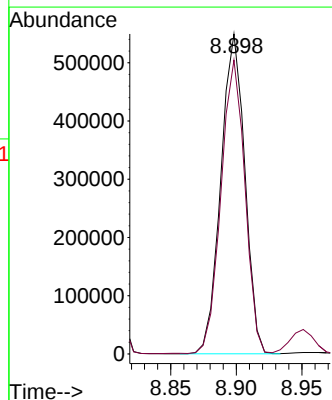
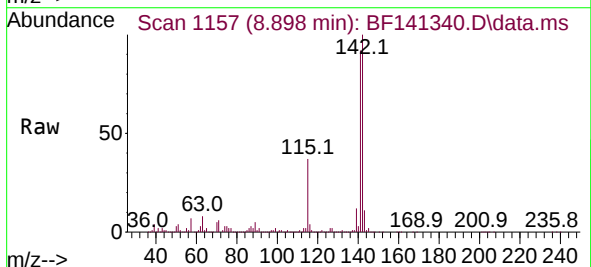
Manual Integrations
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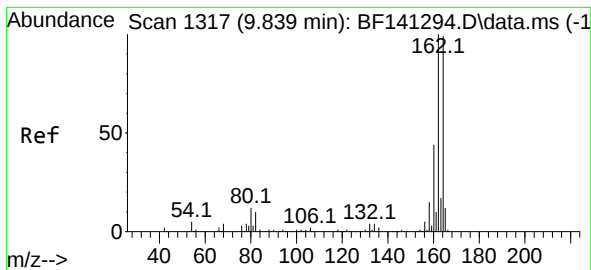
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 40.561 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:142 Resp: 697402
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF141340.D

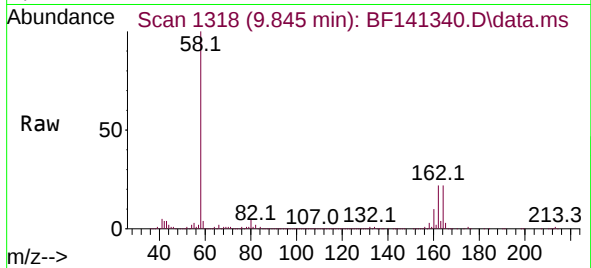
Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD



Tgt Ion:164 Resp: 271292

Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

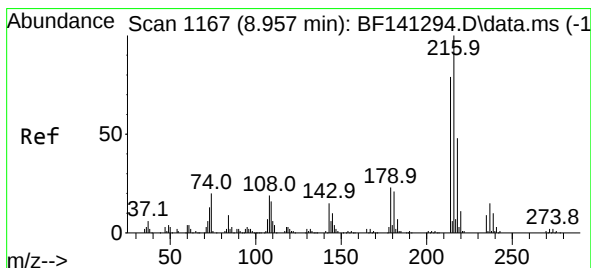
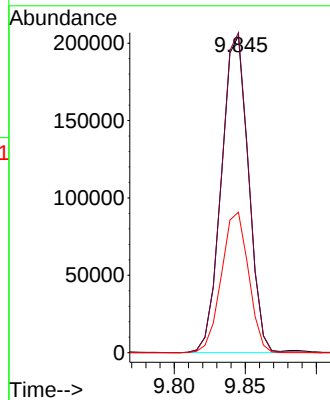
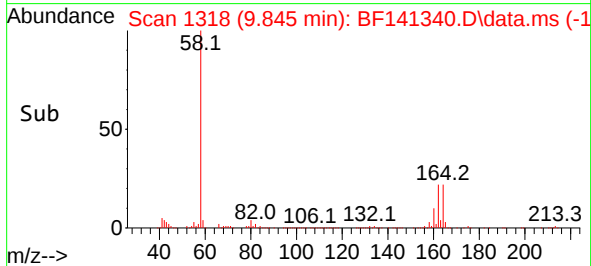
160 44.4 35.8 53.6

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: 47.739 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Tgt Ion:216 Resp: 368448

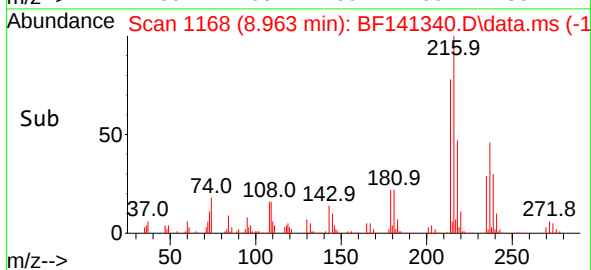
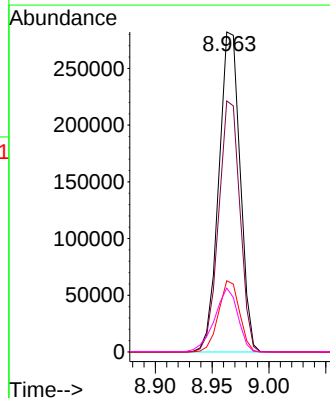
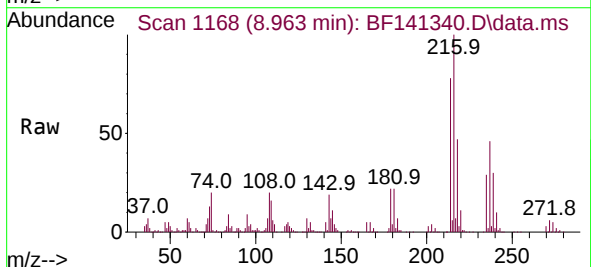
Ion Ratio Lower Upper

216 100

214 78.3 63.2 94.8

179 21.9 17.8 26.8

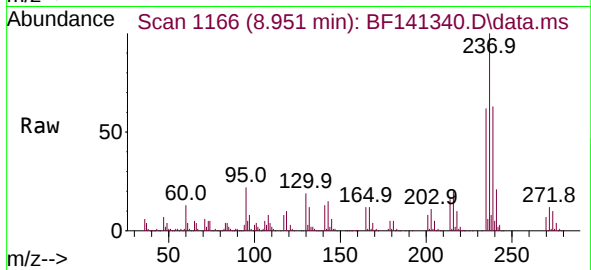
108 22.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 185.647 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

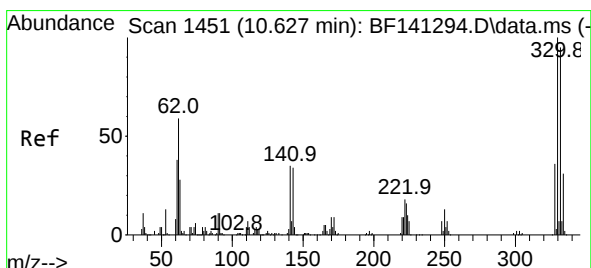
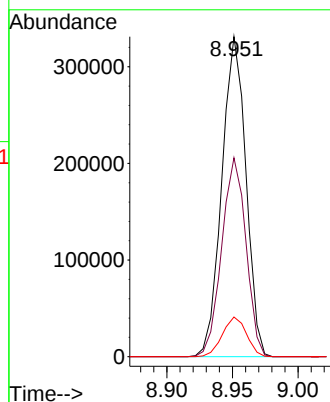
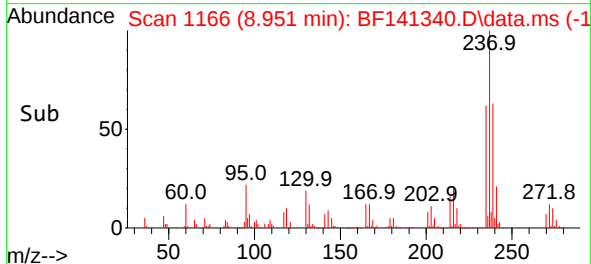
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



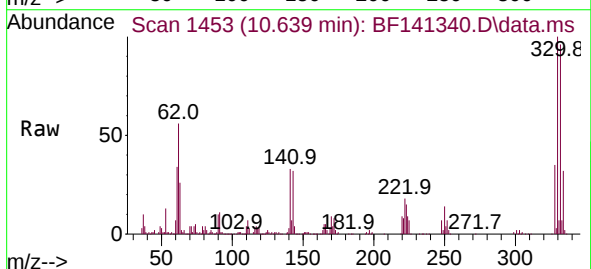
Tgt Ion:237 Resp: 42315
Ion Ratio Lower Upper
237 100
235 62.1 42.9 82.9
272 12.4 0.0 32.8

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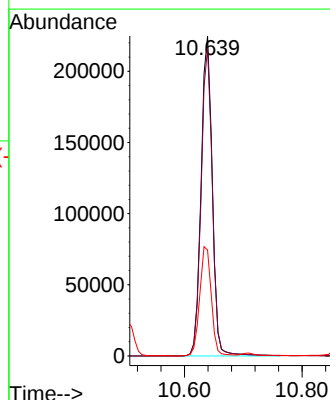
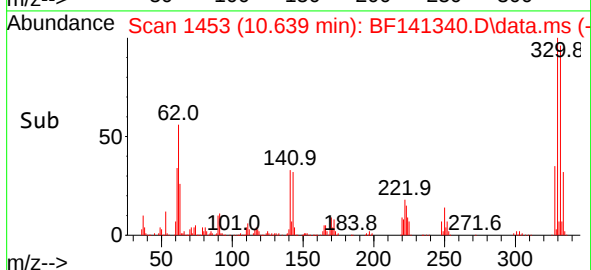
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 119.788 ng
RT: 10.639 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



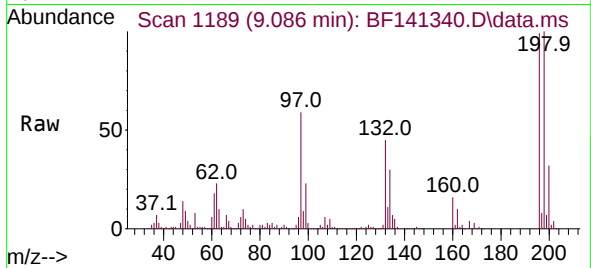
Tgt Ion:330 Resp: 297928
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 35.5 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 45.039 ng
RT: 9.086 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

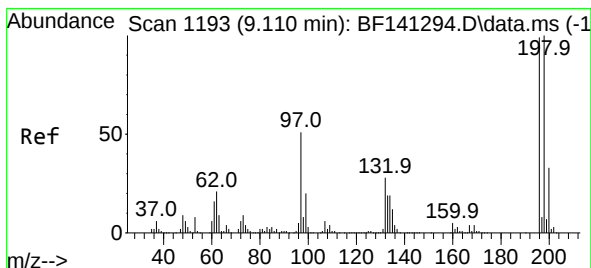
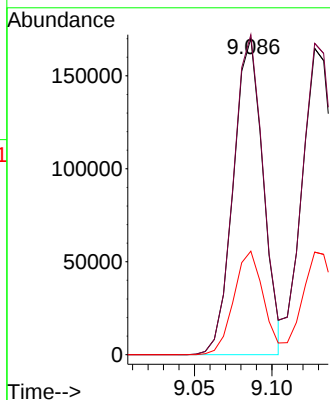
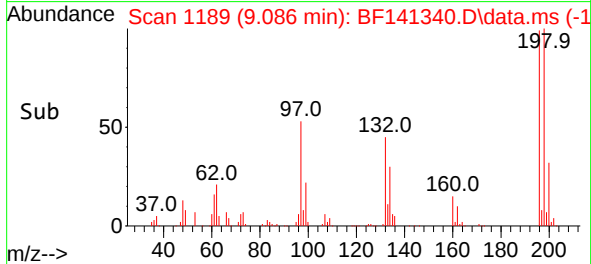
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



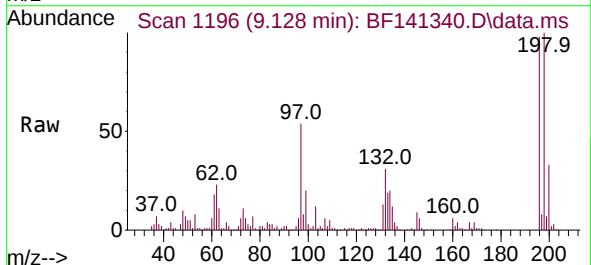
Tgt Ion:196 Resp: 22752
Ion Ratio Lower Upper
196 100
198 101.2 81.8 122.6
200 32.7 26.3 39.5

Manual Integrations
APPROVED

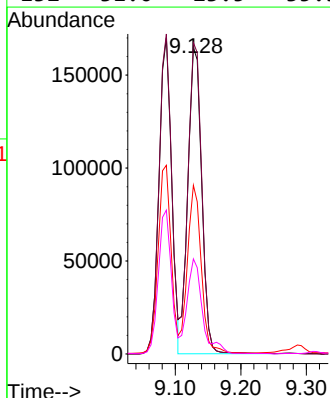
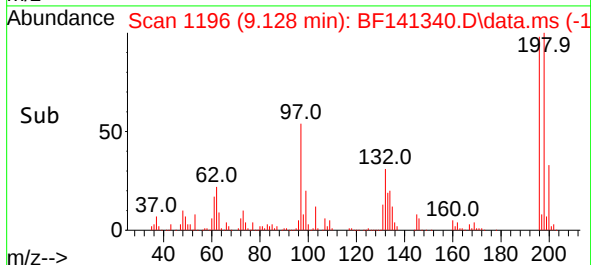
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

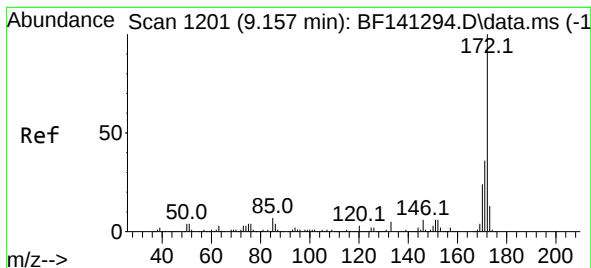


#44
2,4,5-Trichlorophenol
Concen: 43.818 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



Tgt Ion:196 Resp: 240917
Ion Ratio Lower Upper
196 100
198 101.7 80.5 120.7
97 55.1 42.8 64.2
132 31.0 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 85.665 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

Tgt Ion:172 Resp: 150990

Ion Ratio Lower Upper

172 100

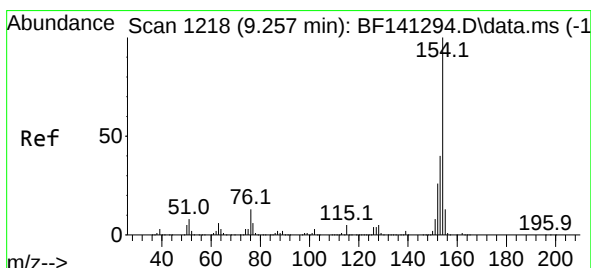
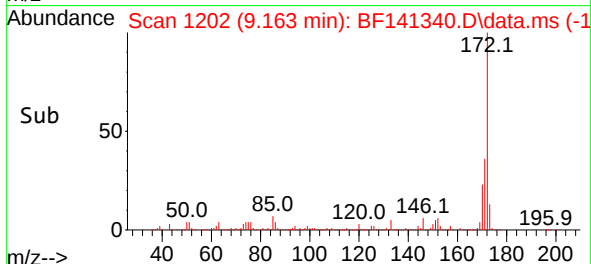
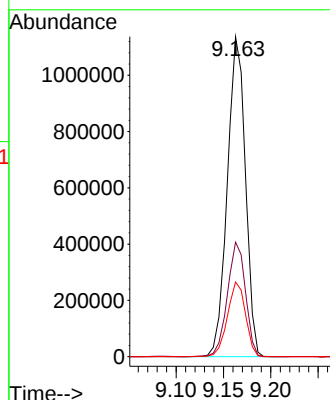
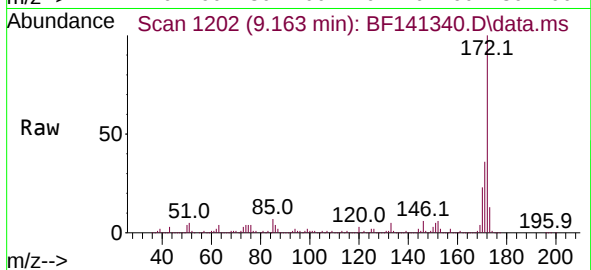
171 35.8 28.8 43.2

170 23.3 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: 47.606 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

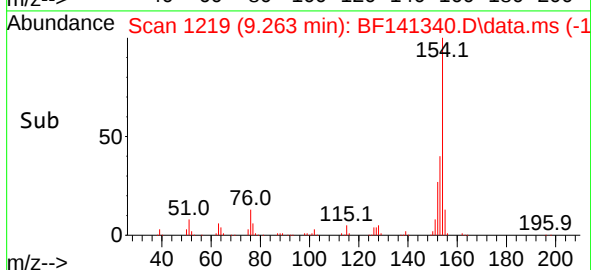
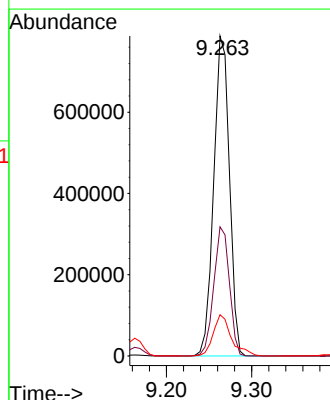
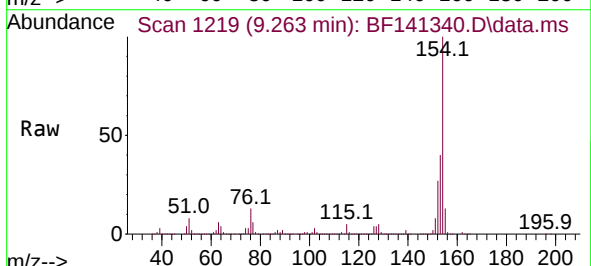
Tgt Ion:154 Resp: 1007225

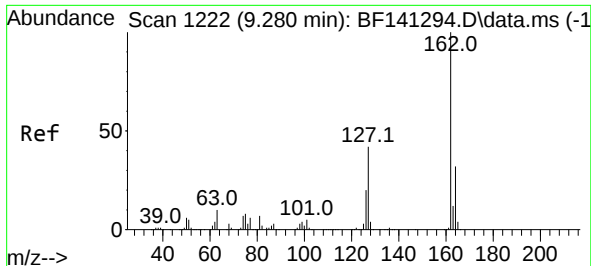
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

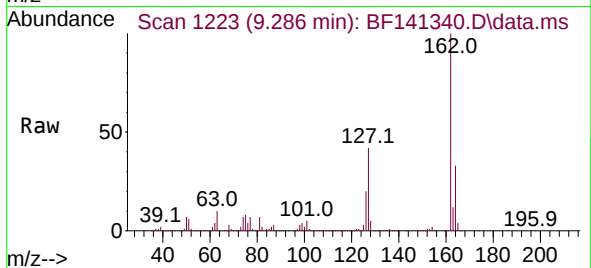
76 12.9 0.0 32.8





#47
2-Chloronaphthalene
Concen: 41.240 ng
RT: 9.286 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

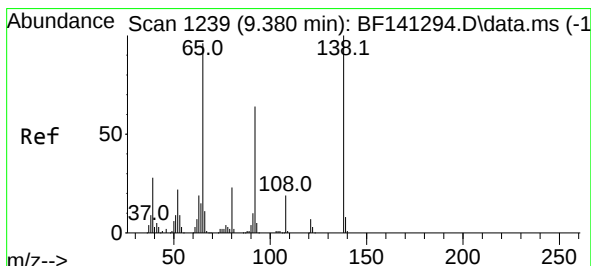
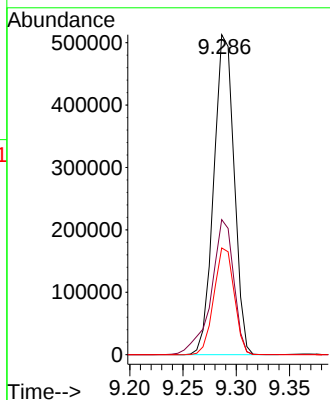
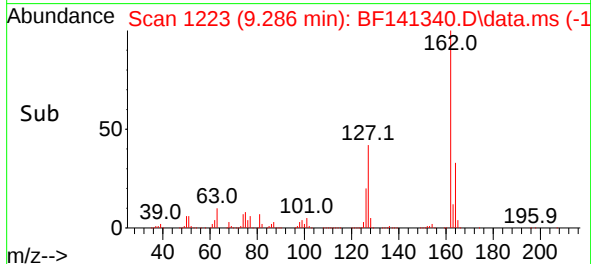
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:162 Resp: 680080
Ion Ratio Lower Upper
162 100
127 42.2 33.7 50.5
164 33.4 25.9 38.9

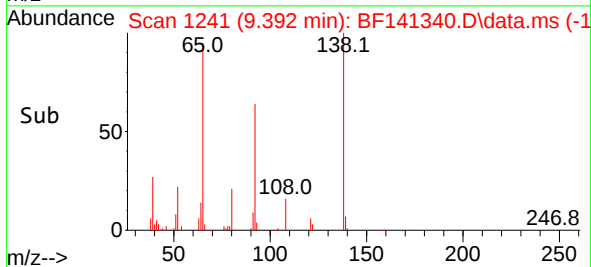
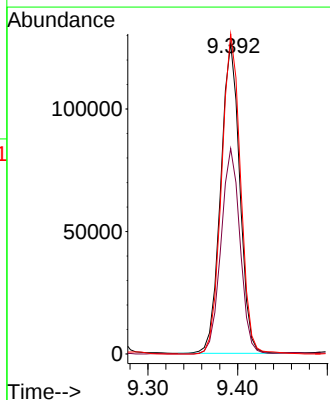
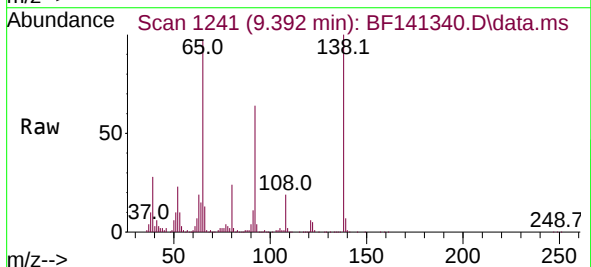
Manual Integrations
APPROVED

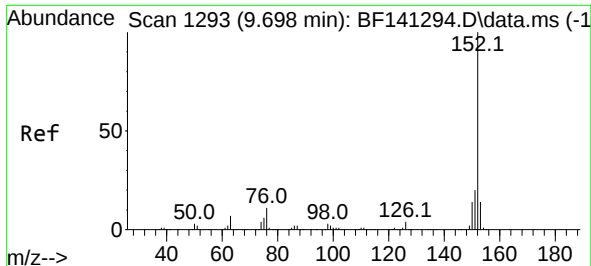
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 35.958 ng
RT: 9.392 min Scan# 1241
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

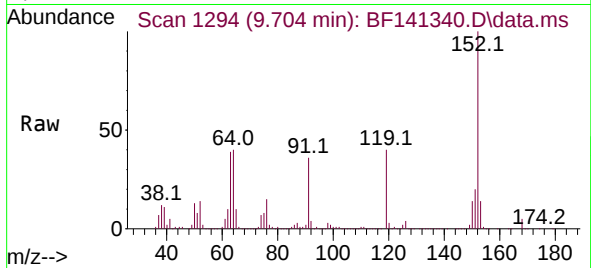
Tgt Ion: 65 Resp: 186519
Ion Ratio Lower Upper
65 100
92 66.1 53.3 79.9
138 102.9 83.6 125.4





#49
Acenaphthylene
Concen: 39.699 ng
RT: 9.704 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

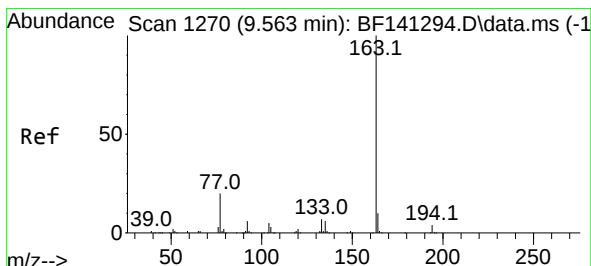
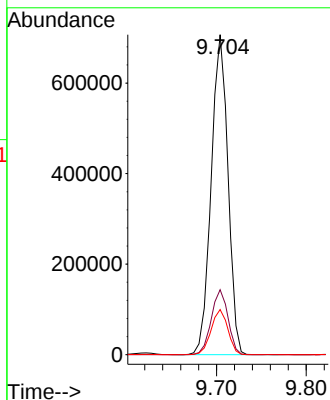
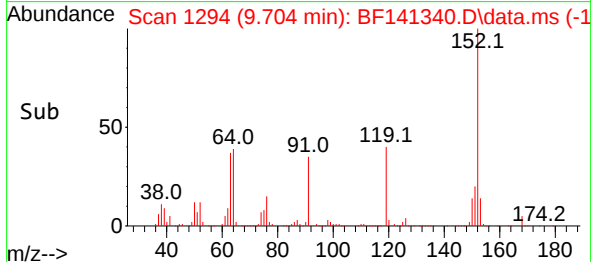
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:152 Resp: 91643
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.1 11.0 16.6

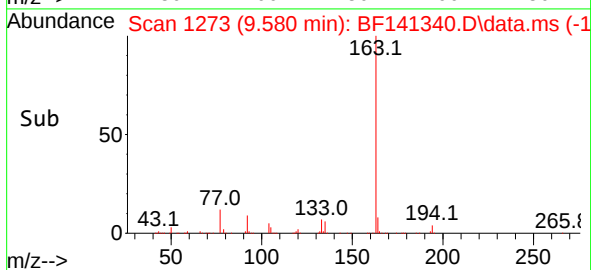
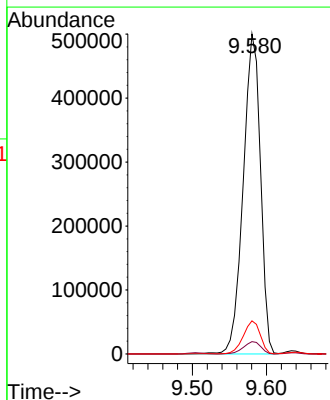
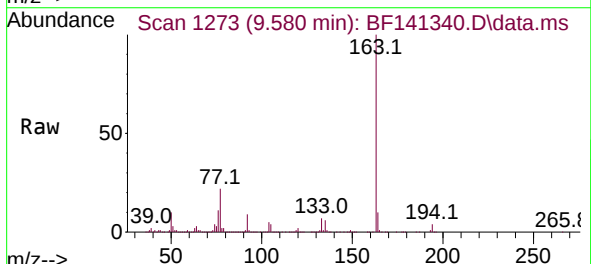
Manual Integrations
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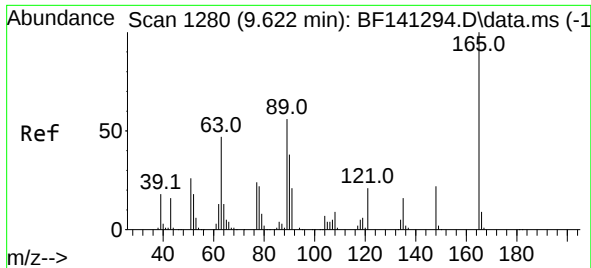
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#50
Dimethylphthalate
Concen: 44.149 ng
RT: 9.580 min Scan# 1273
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

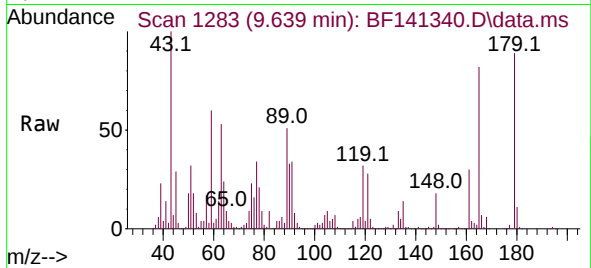
Tgt Ion:163 Resp: 808935
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 39.479 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

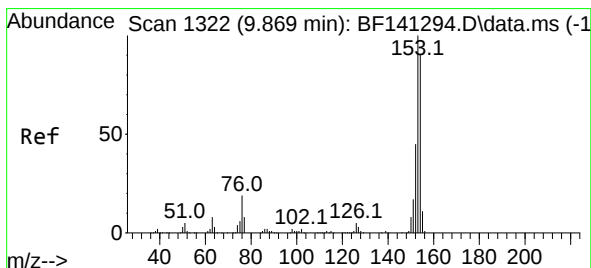
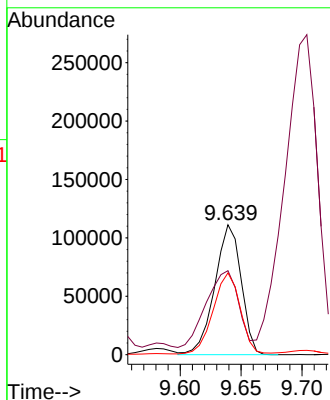
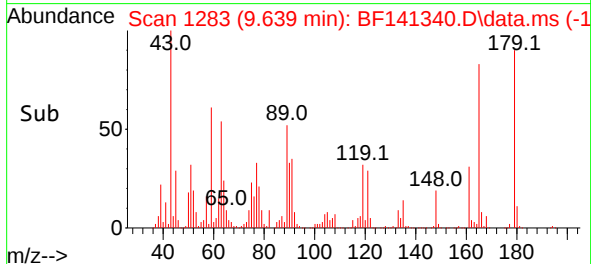
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:165 Resp: 167958
Ion Ratio Lower Upper
165 100
63 64.7 48.1 72.1
89 62.9 44.9 67.3

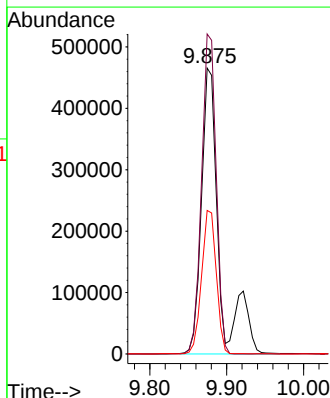
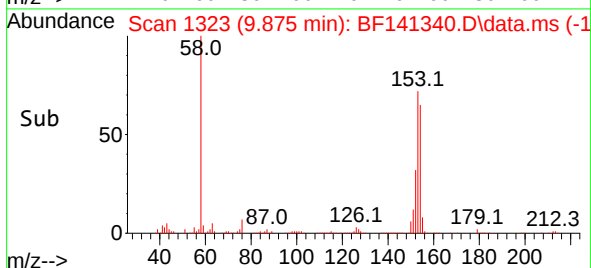
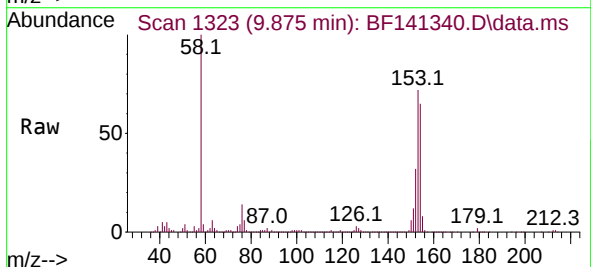
Manual Integrations
APPROVED

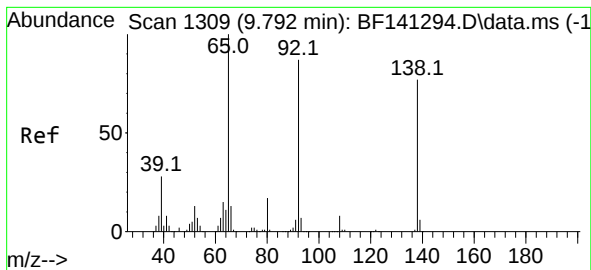
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 45.675 ng m
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

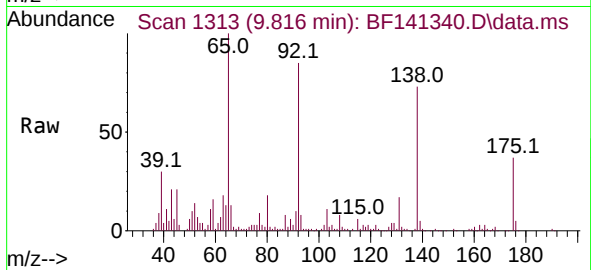
Tgt Ion:154 Resp: 753252
Ion Ratio Lower Upper
154 100
153 111.9 89.0 133.4
152 50.2 40.2 60.4





#53
3-Nitroaniline
Concen: 13.927 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

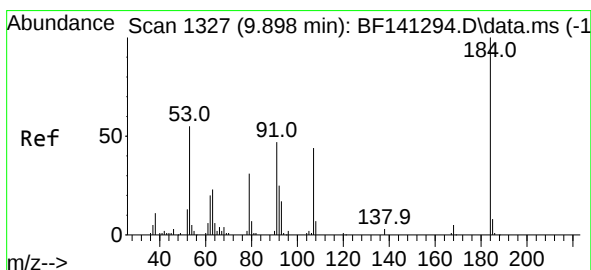
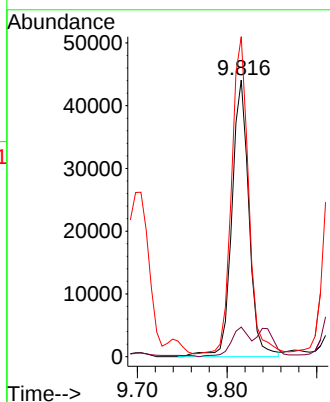
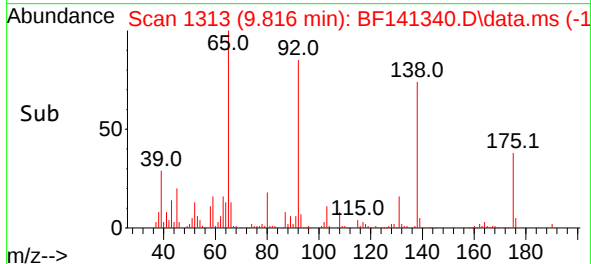
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:138 Resp: 5807
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 115.7 91.0 136.6

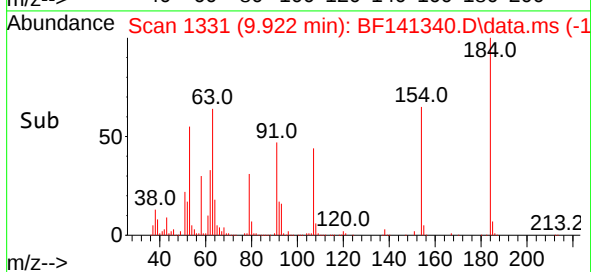
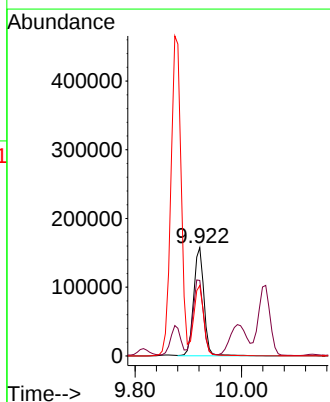
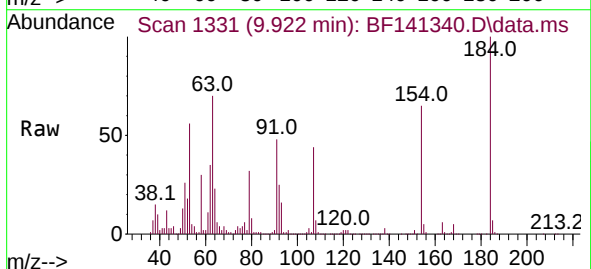
Manual Integrations
APPROVED

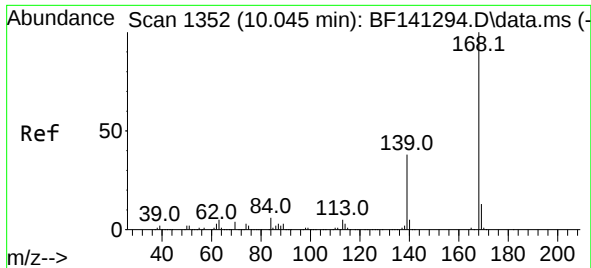
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 106.961 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

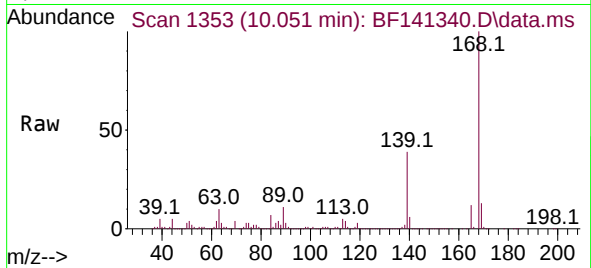
Tgt Ion:184 Resp: 211534
Ion Ratio Lower Upper
184 100
63 69.8 54.1 81.1
154 65.1 50.7 76.1





#55
Dibenzenofuran
Concen: 40.410 ng
RT: 10.051 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

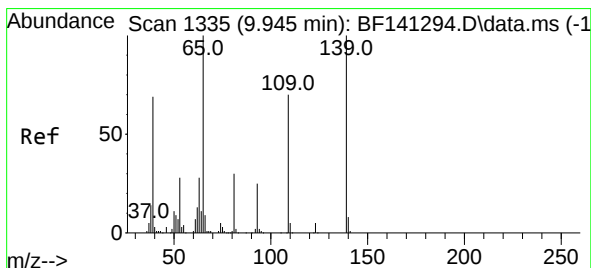
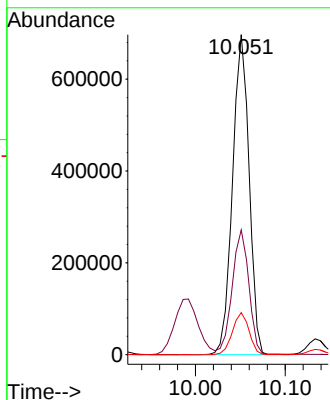
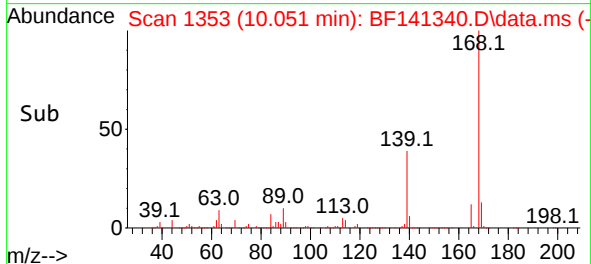
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:168 Resp: 892050
Ion Ratio Lower Upper
168 100
139 39.0 30.6 46.0
169 13.2 10.8 16.2

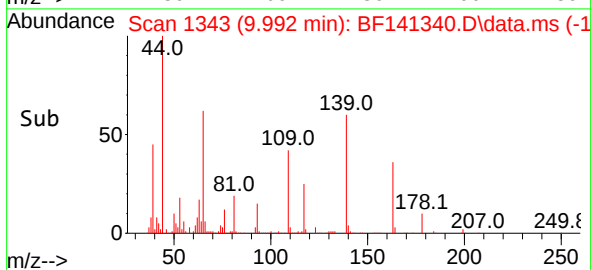
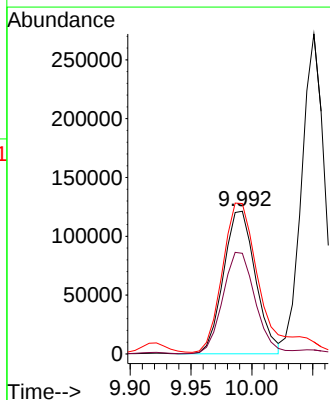
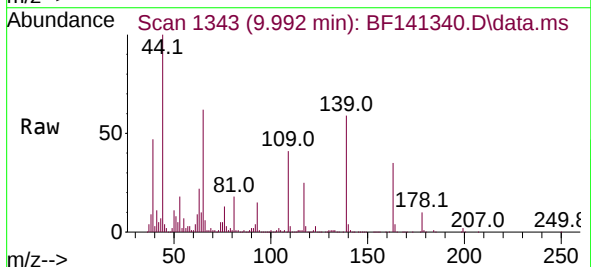
Manual Integrations
APPROVED

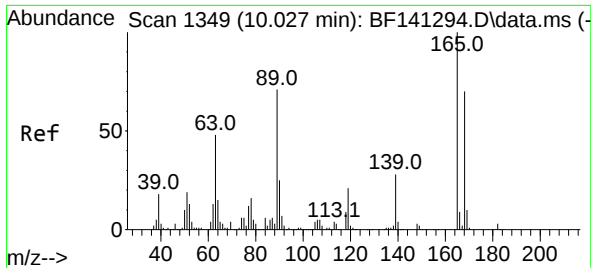
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 72.869 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.035 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

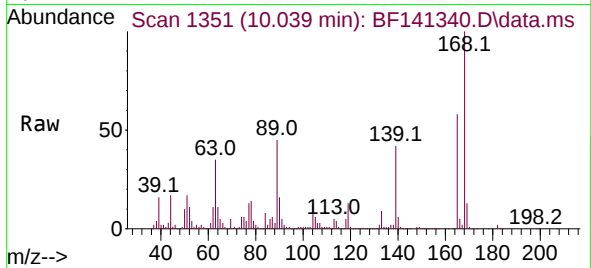
Tgt Ion:139 Resp: 222214
Ion Ratio Lower Upper
139 100
109 70.5 50.2 90.2
65 105.4 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 38.361 ng
RT: 10.039 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

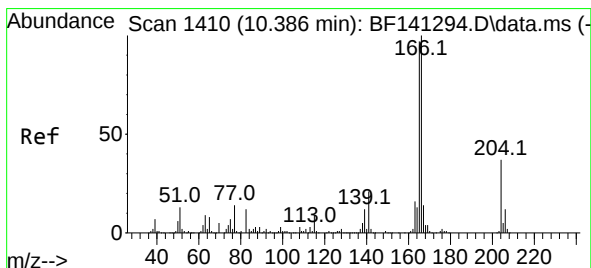
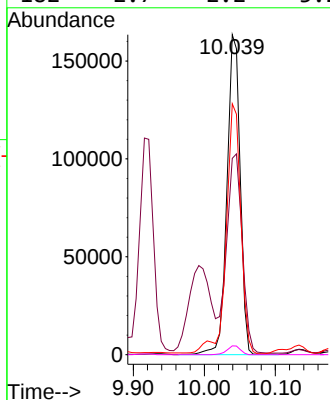
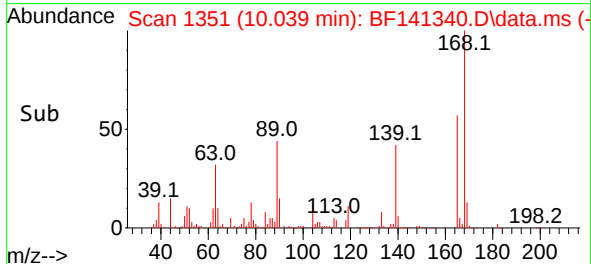
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:165 Resp: 21130
Ion Ratio Lower Upper
165 100
63 61.4 39.2 58.8
89 78.4 56.9 85.3
182 2.7 2.2 3.2

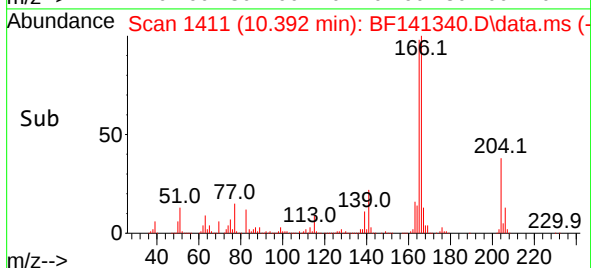
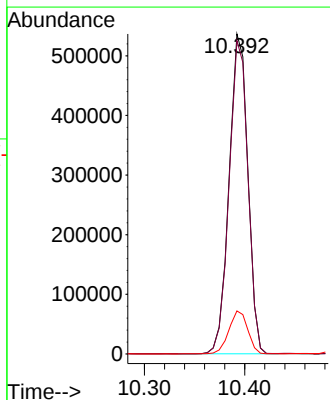
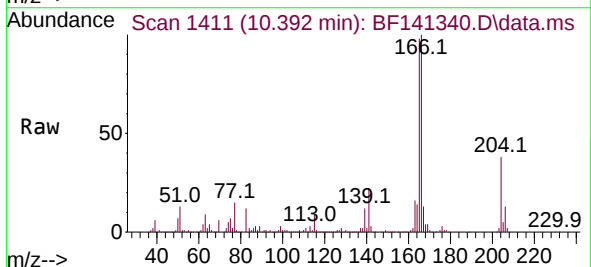
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 40.687 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

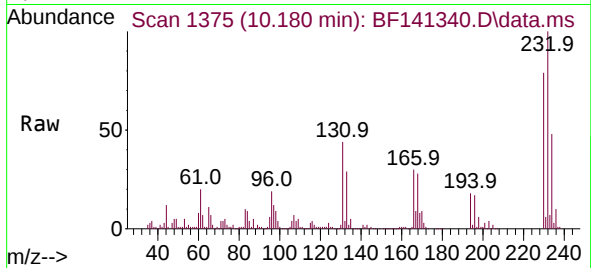
Tgt Ion:166 Resp: 696694
Ion Ratio Lower Upper
166 100
165 97.9 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.744 ng
RT: 10.180 min Scan# 1375
Delta R.T. 0.017 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

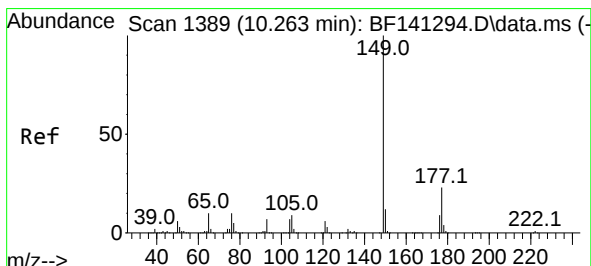
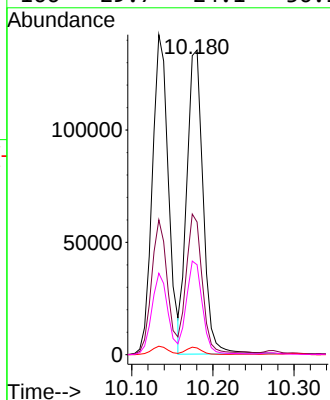
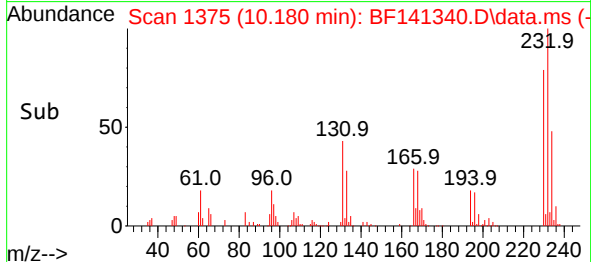
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



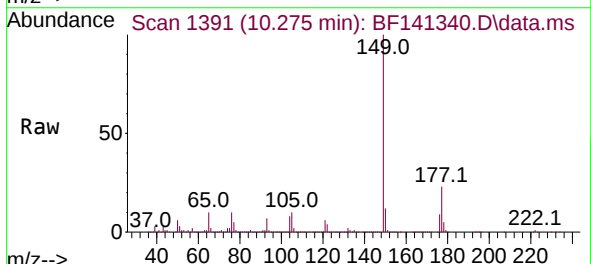
Tgt Ion:232 Resp: 189214
Ion Ratio Lower Upper
232 100
131 43.5 36.4 54.6
130 2.2 1.9 2.9
166 29.7 24.1 36.1

Manual Integrations
APPROVED

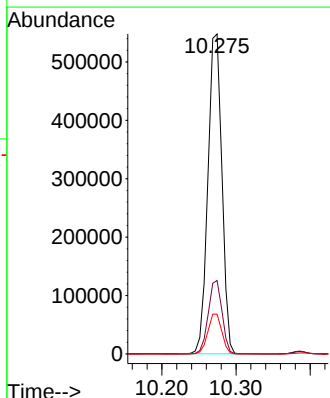
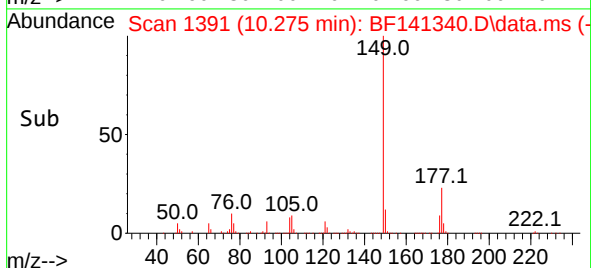
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

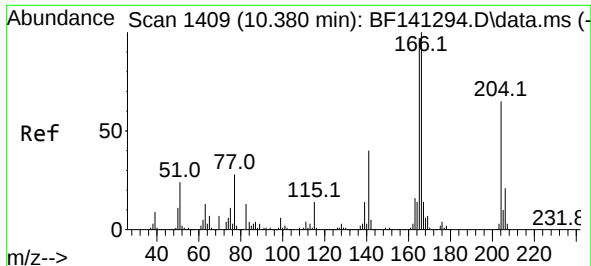


#60
Diethylphthalate
Concen: 40.427 ng
RT: 10.275 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



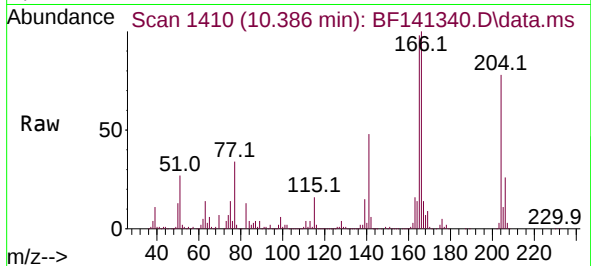
Tgt Ion:149 Resp: 718228
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.818 ng
RT: 10.386 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

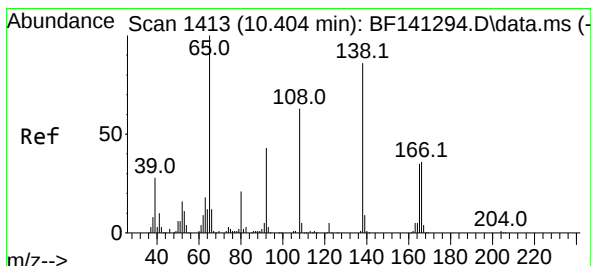
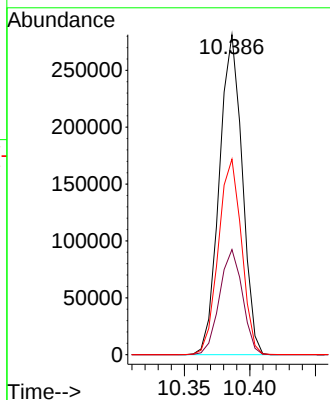
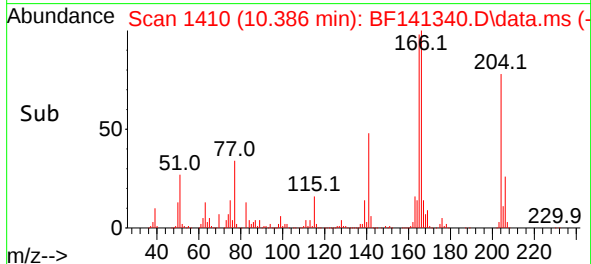
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:204 Resp: 341400
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 61.1 49.5 74.3

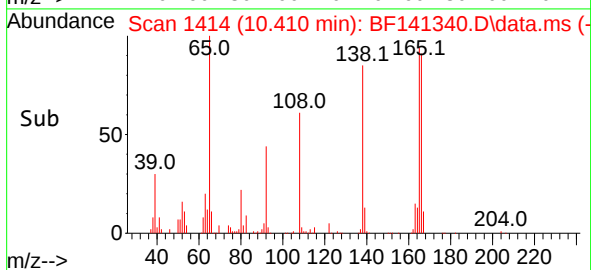
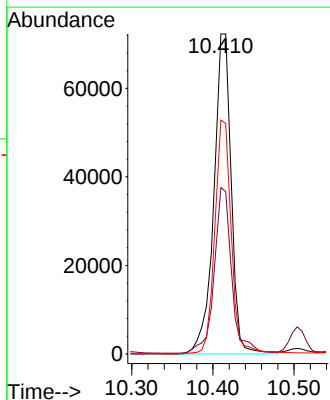
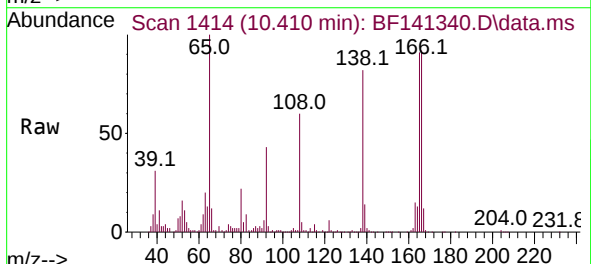
Manual Integrations
APPROVED

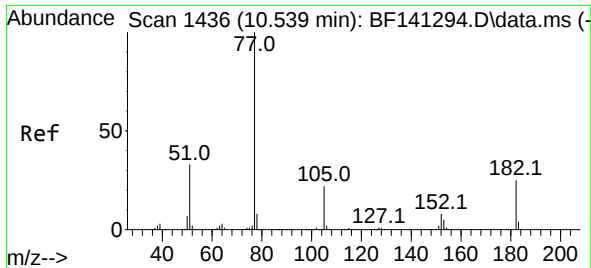
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#62
4-Nitroaniline
Concen: 26.373 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:138 Resp: 108113
Ion Ratio Lower Upper
138 100
92 52.0 30.1 70.1
108 73.1 53.1 93.1





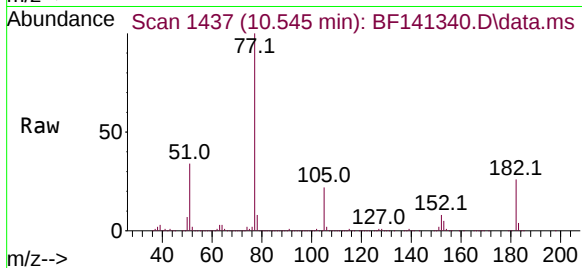
#63
 Azobenzene
 Concen: 40.778 ng
 RT: 10.545 min Scan# 1437
 Delta R.T. -0.000 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

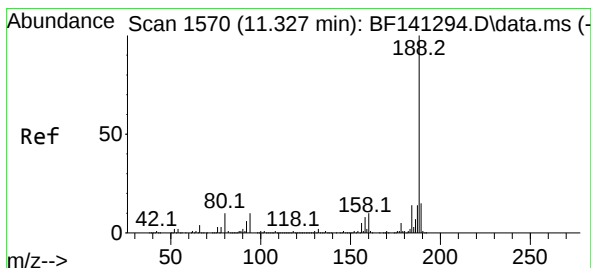
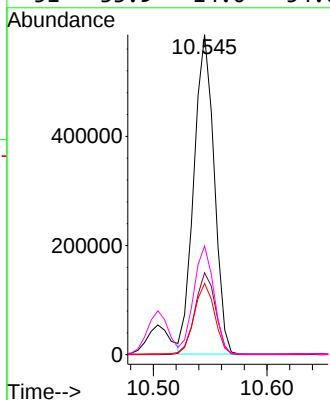
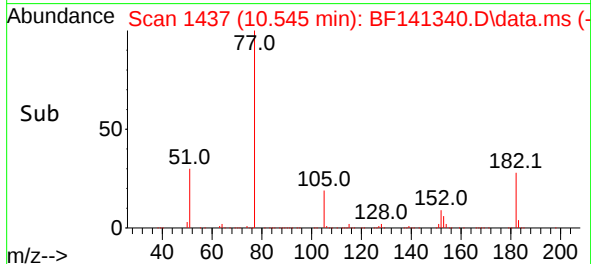


Tgt Ion: 77 Resp: 725174
 Ion Ratio Lower Upper
 77 100
 182 25.6 5.1 45.1
 105 22.2 1.8 41.8
 51 33.9 14.0 54.0

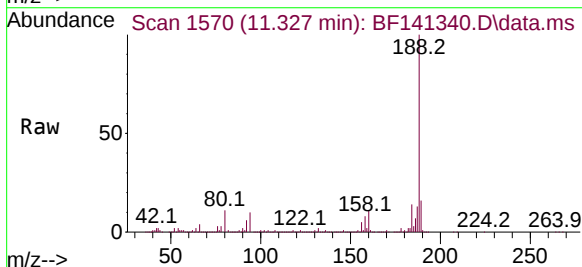
Manual Integrations

APPROVED

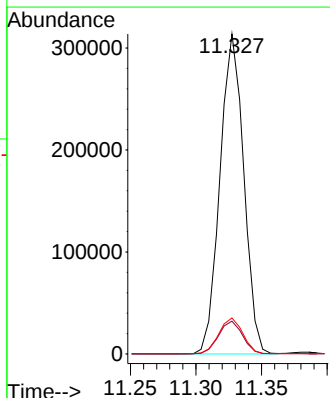
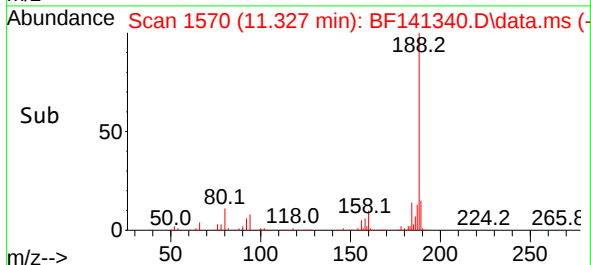
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

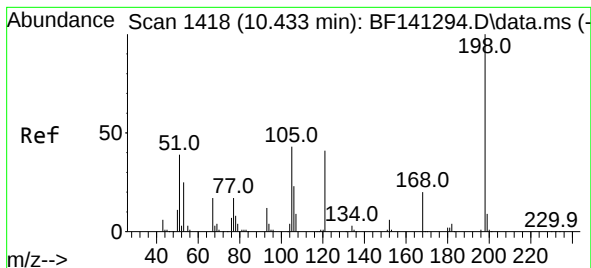


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.327 min Scan# 1570
 Delta R.T. -0.000 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11



Tgt Ion:188 Resp: 395783
 Ion Ratio Lower Upper
 188 100
 94 10.2 7.8 11.6
 80 11.2 8.2 12.4





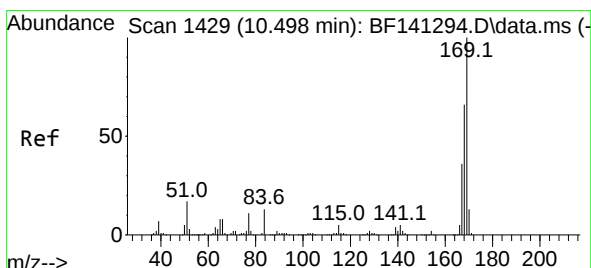
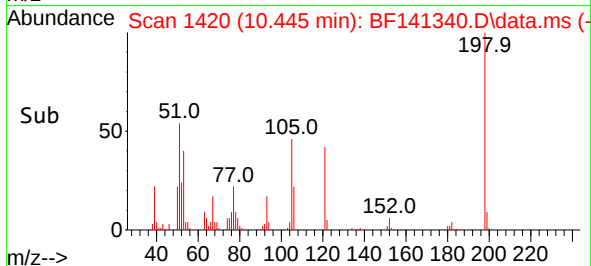
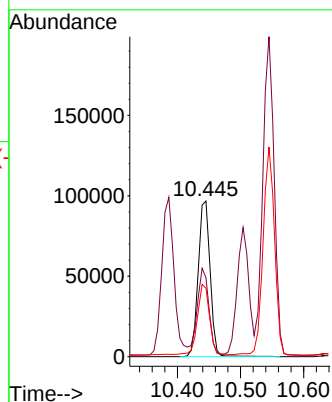
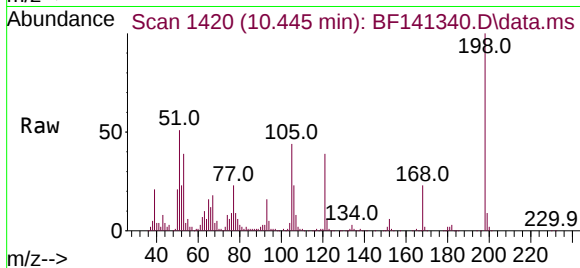
#65
4,6-Dinitro-2-methylphenol
Concen: 54.108 ng
RT: 10.445 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion:198 Resp: 126669
Ion Ratio Lower Upper
198 100
51 50.8 33.4 73.4
105 43.9 24.4 64.4

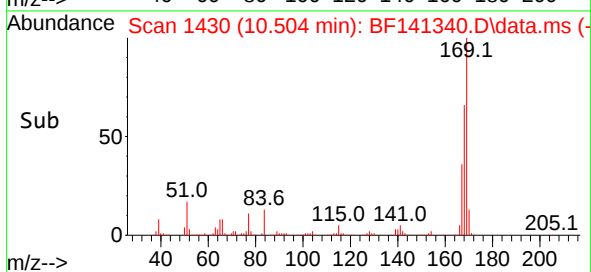
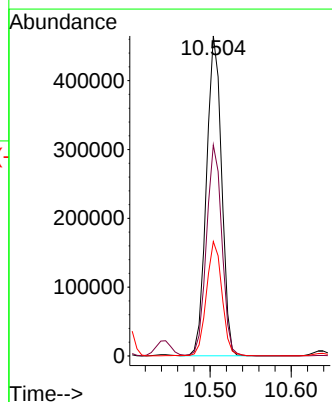
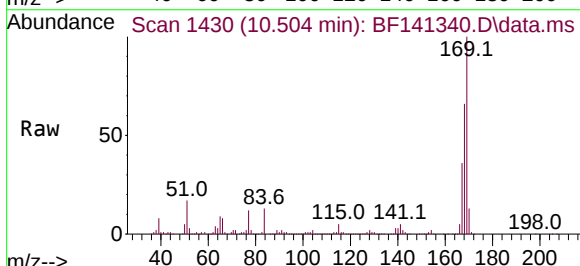
Manual Integrations
APPROVED

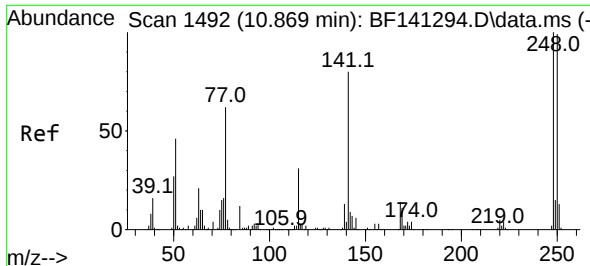
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 46.919 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

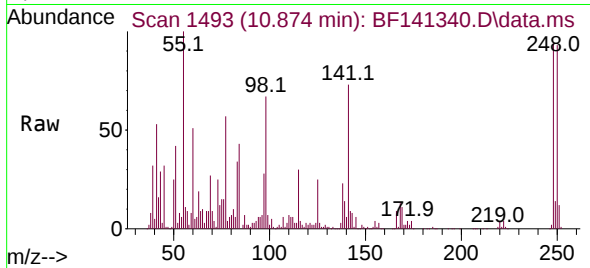
Tgt Ion:169 Resp: 600618
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 35.8 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 43.730 ng
RT: 10.874 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

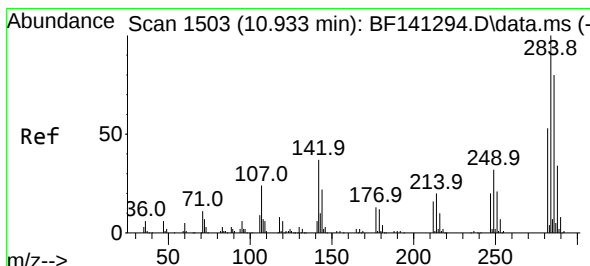
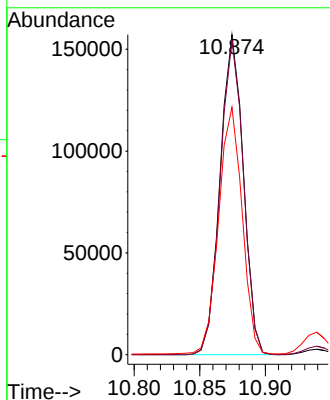
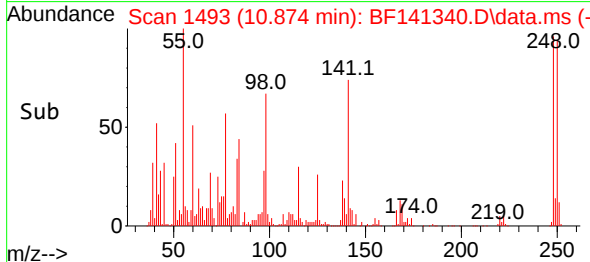
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



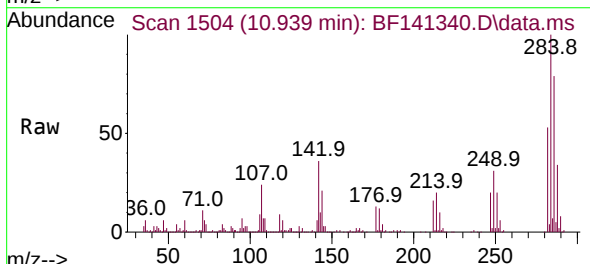
Tgt Ion:248 Resp: 193762
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.4
141 77.3 63.7 95.5

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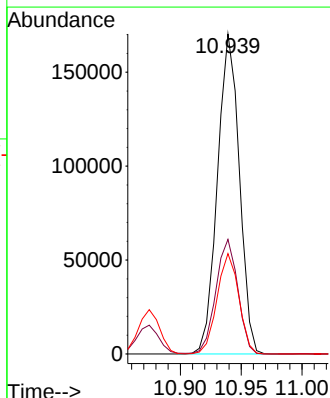
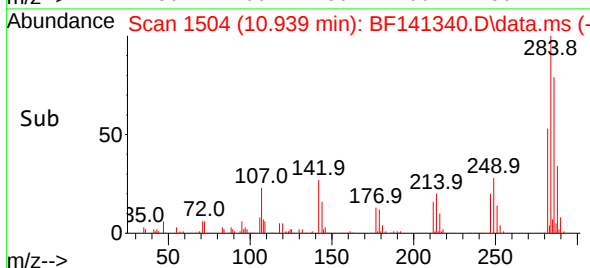
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#68
Hexachlorobenzene
Concen: 45.303 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



Tgt Ion:284 Resp: 212929
Ion Ratio Lower Upper
284 100
142 35.8 29.5 44.3
249 31.3 25.4 38.2





#69

Atrazine

Concen: 32.088 ng

RT: 11.039 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

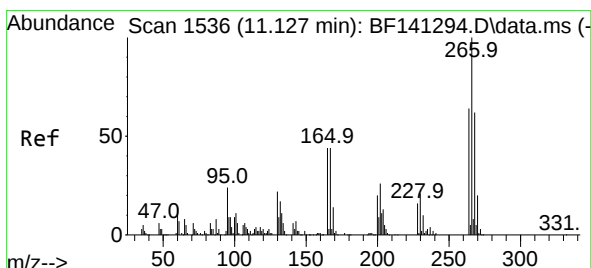
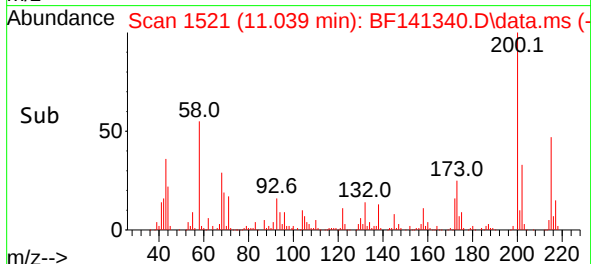
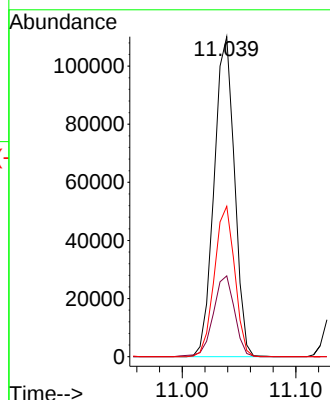
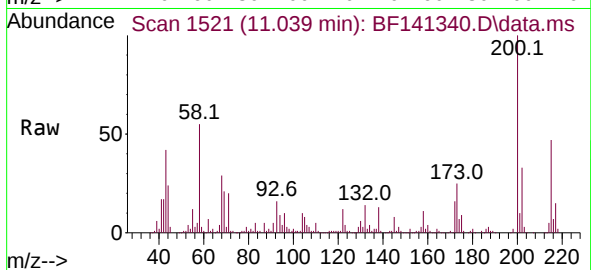
BELL-25-002MSD

Tgt Ion:200 Resp: 137330
 Ion Ratio Lower Upper
 200 100
 173 25.2 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: 94.198 ng

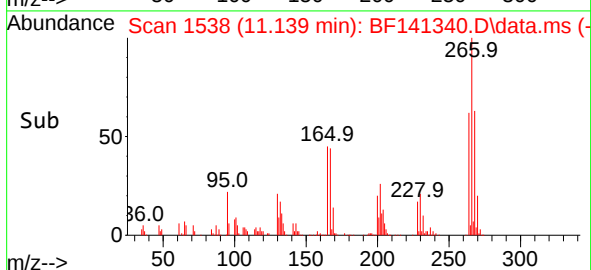
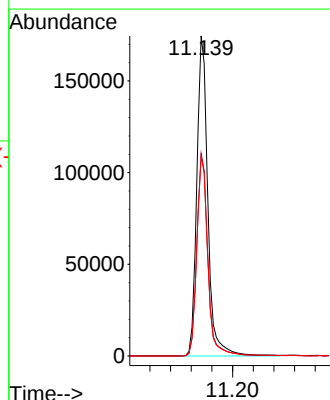
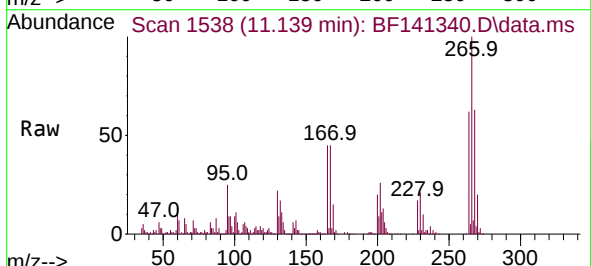
RT: 11.139 min Scan# 1538

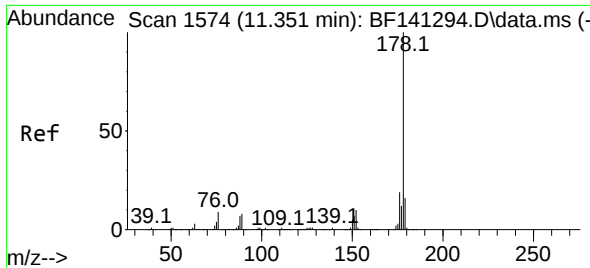
Delta R.T. 0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Tgt Ion:266 Resp: 259262
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.9 74.9
 264 62.4 51.0 76.4





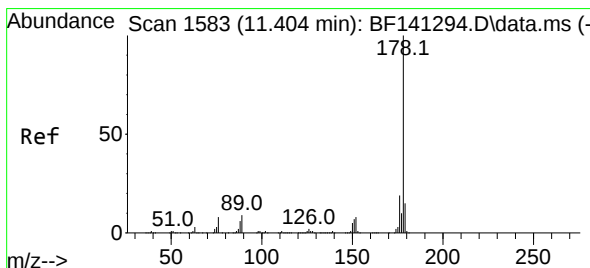
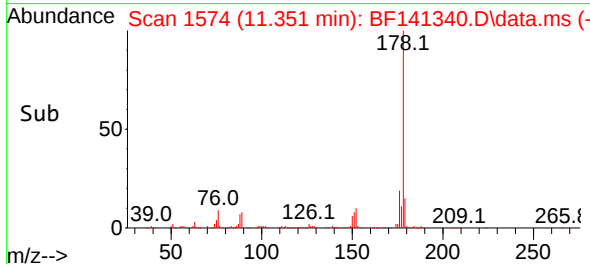
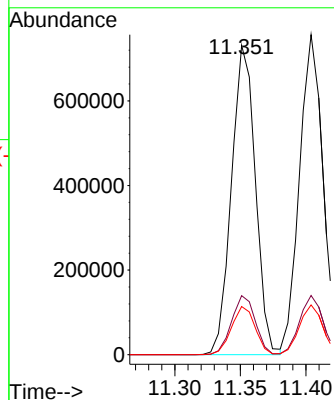
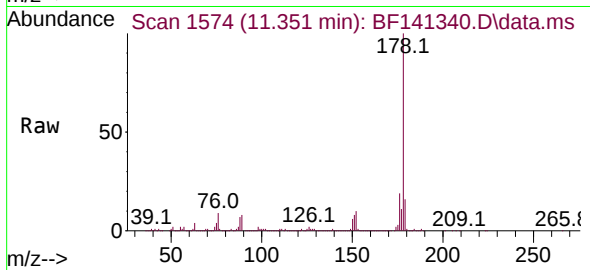
#71
Phenanthrene
Concen: 43.712 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion:178 Resp: 92997
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7

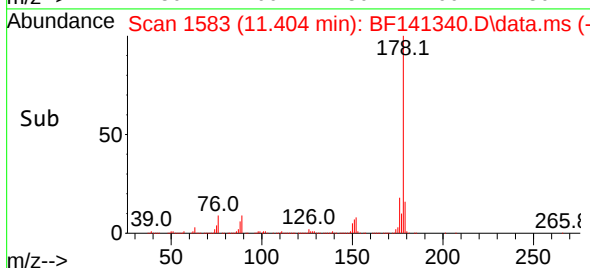
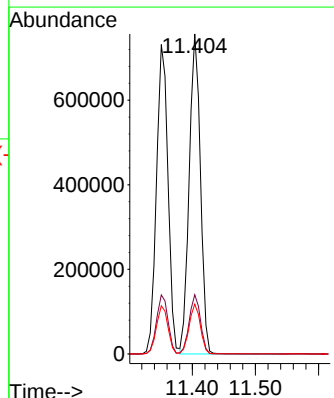
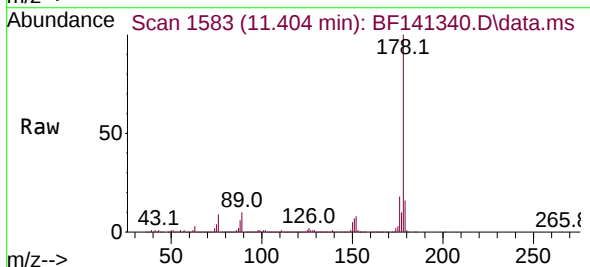
Manual Integrations
APPROVED

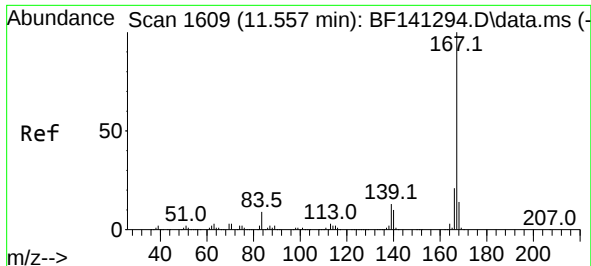
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 44.922 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

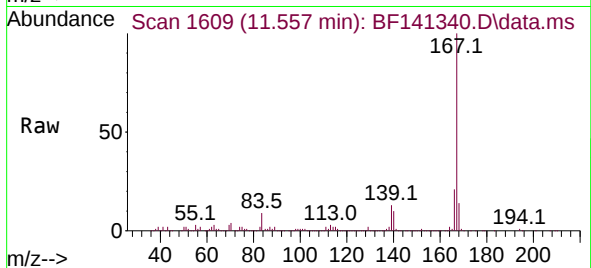
Tgt Ion:178 Resp: 936429
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 39.076 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

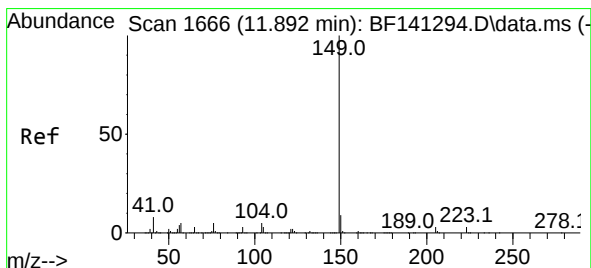
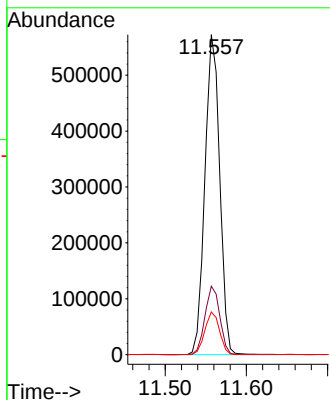
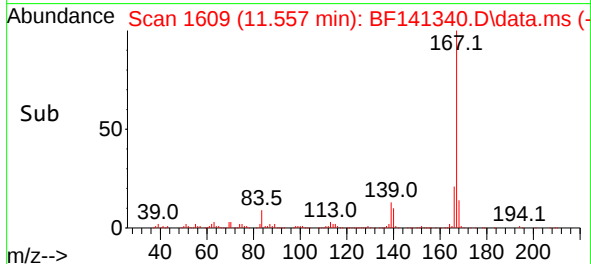
Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MSD



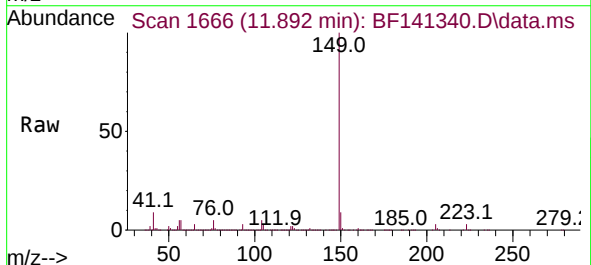
Tgt Ion:167 Resp: 722300
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.4 10.6 16.0

Manual Integrations
 APPROVED

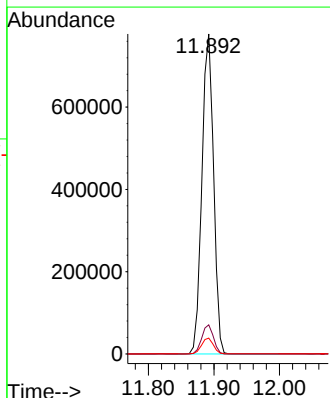
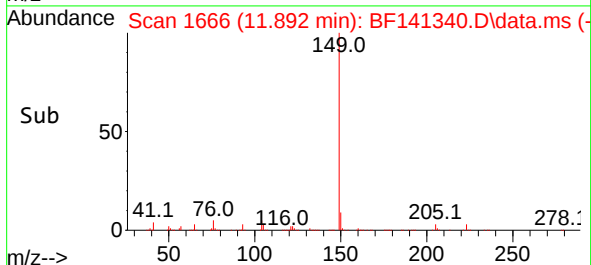
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

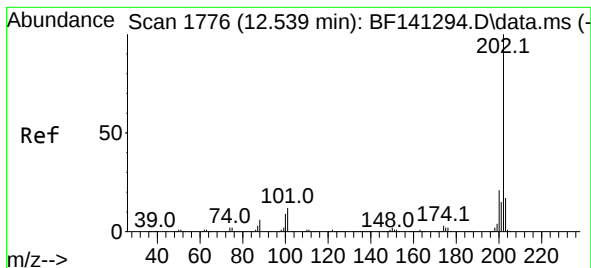


#74
 Di-n-butylphthalate
 Concen: 42.948 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11



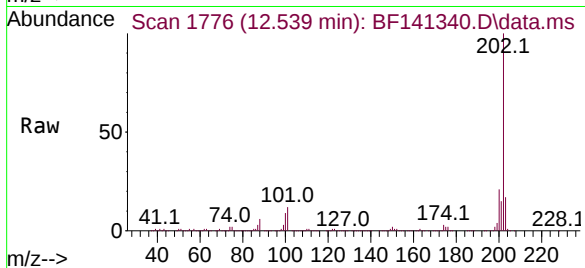
Tgt Ion:149 Resp: 962080
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 39.883 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

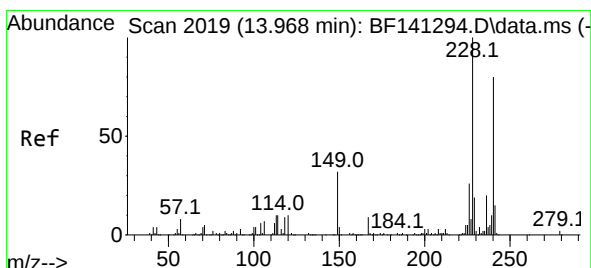
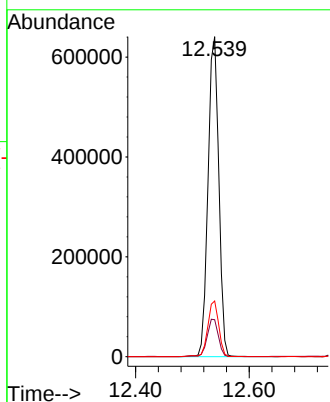
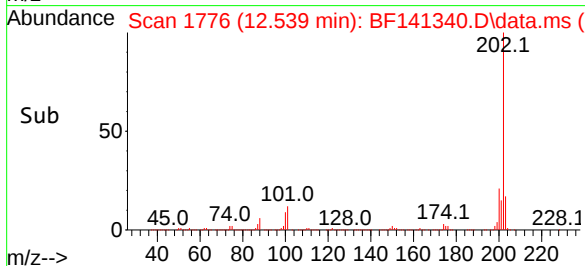
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



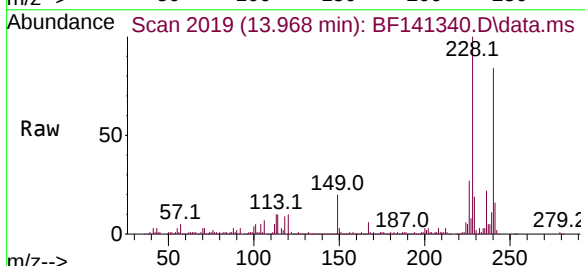
Tgt Ion:202 Resp: 83780
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.4 0.0 37.5

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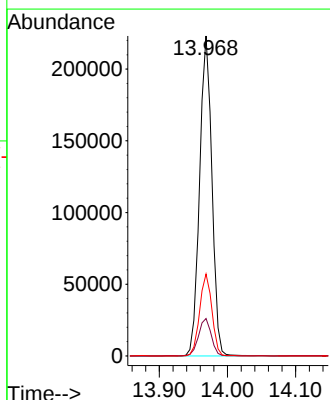
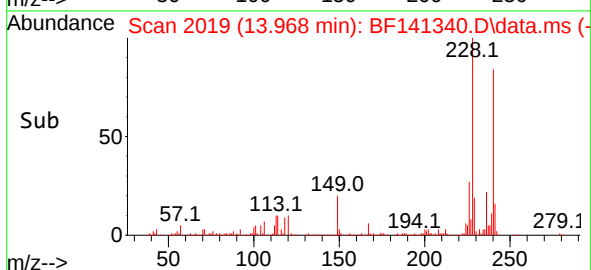
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

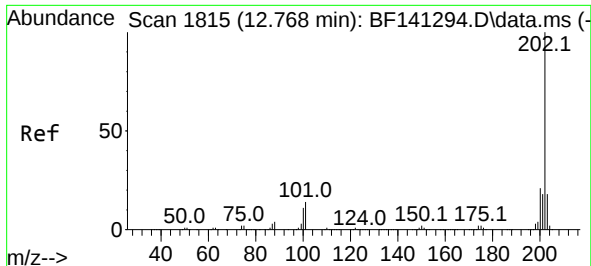


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



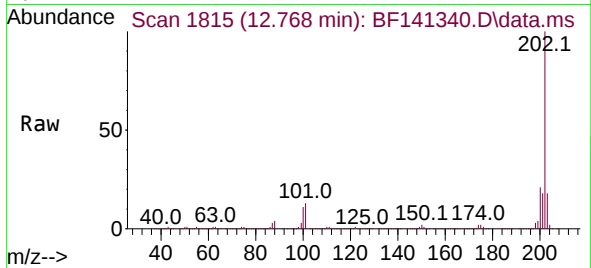
Tgt Ion:240 Resp: 279691
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 25.6 19.7 29.5





#78
Pyrene
Concen: 31.437 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

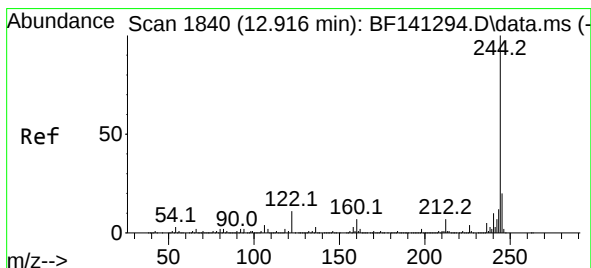
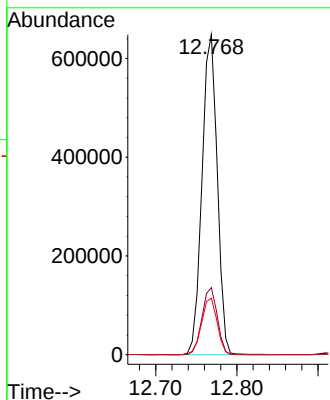
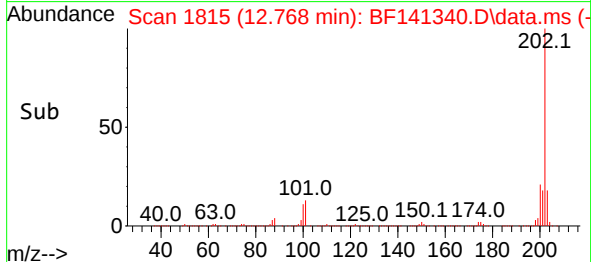
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



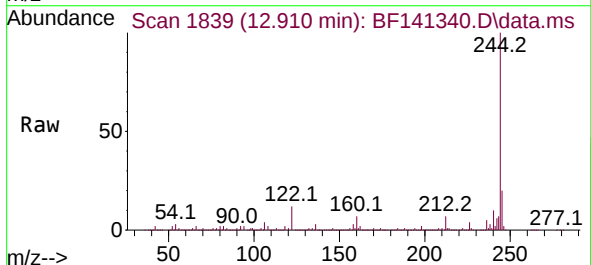
Tgt Ion:202 Resp: 84401
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.7 14.3 21.5

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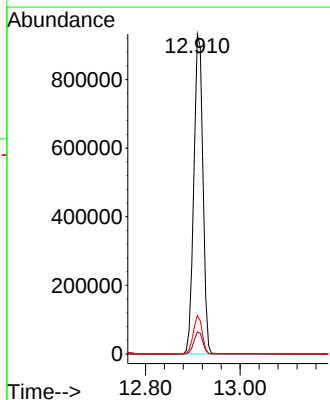
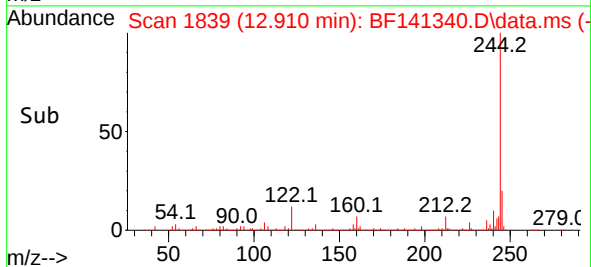
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

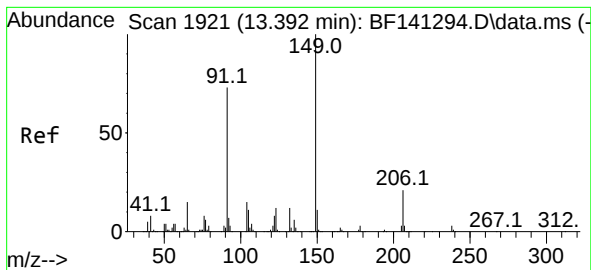


#79
Terphenyl-d14
Concen: 68.245 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



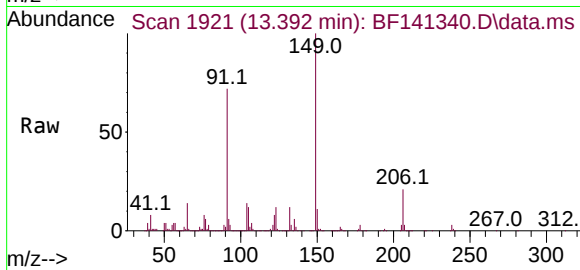
Tgt Ion:244 Resp: 1237686
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.0 8.8 13.2





#80
Butylbenzylphthalate
Concen: 37.995 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

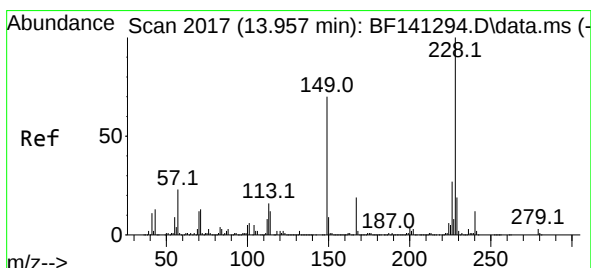
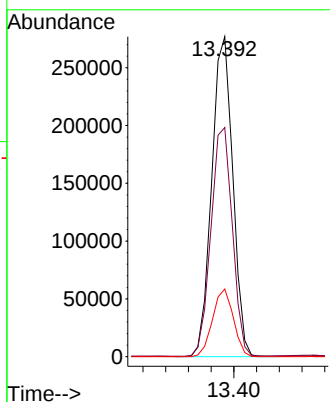
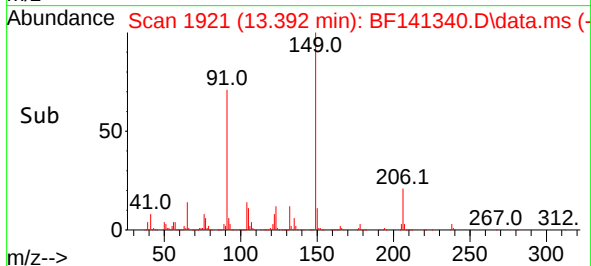
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:149 Resp: 35637
Ion Ratio Lower Upper
149 100
91 71.6 58.6 87.8
206 21.2 16.7 25.1

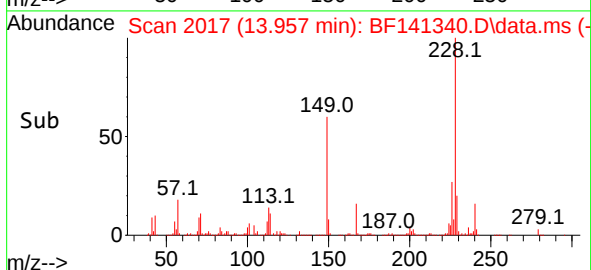
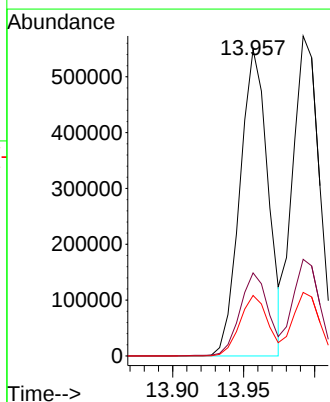
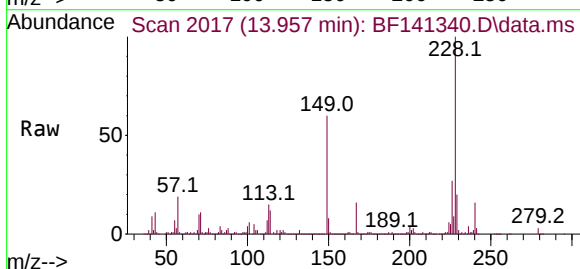
Manual Integrations
APPROVED

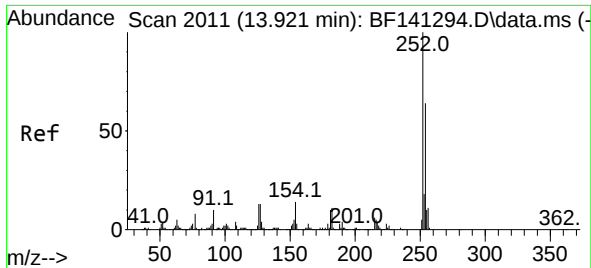
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#81
Benzo(a)anthracene
Concen: 39.218 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

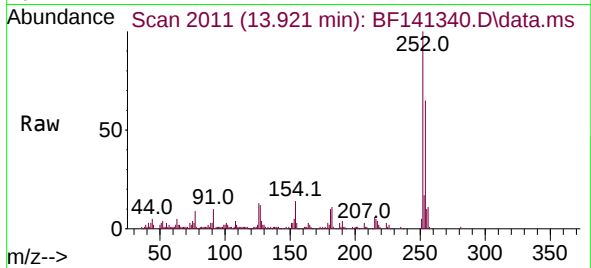
Tgt Ion:228 Resp: 756912
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.7 15.5 23.3





#82
3,3'-Dichlorobenzidine
Concen: 15.050 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

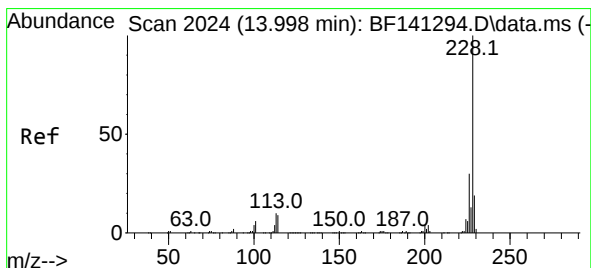
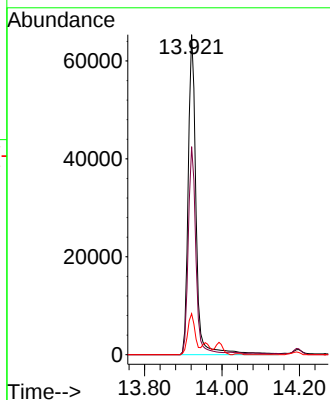
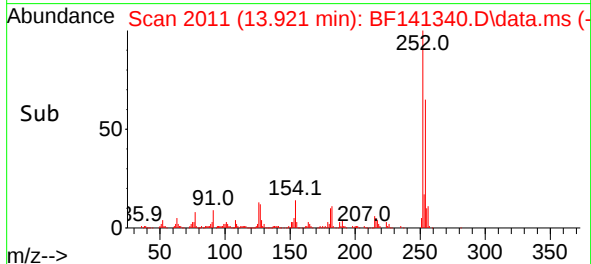
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:252 Resp: 9238
Ion Ratio Lower Upper
252 100
254 65.0 51.3 76.9
126 12.8 10.0 15.0

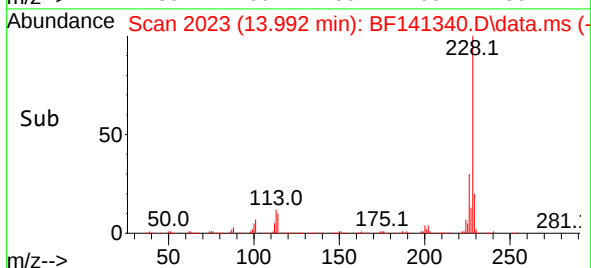
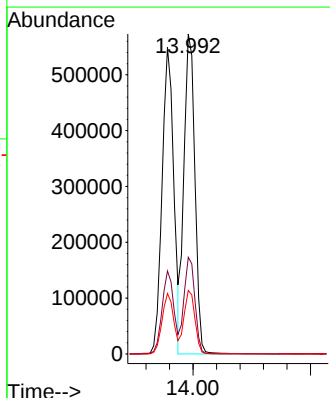
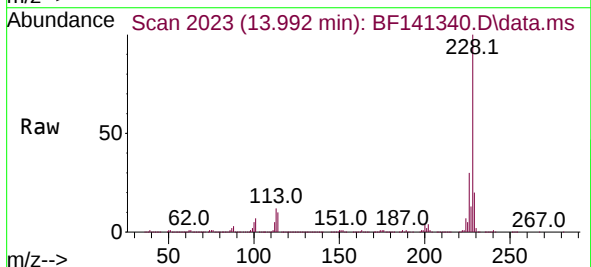
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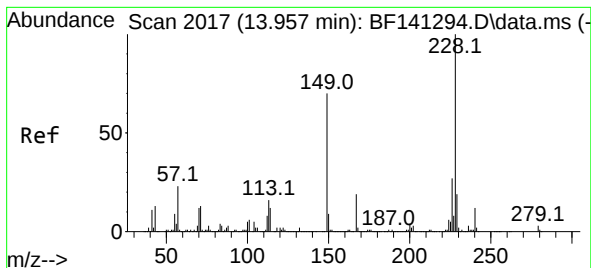
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#83
Chrysene
Concen: 42.095 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

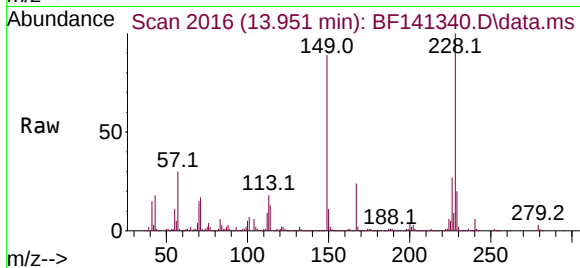
Tgt Ion:228 Resp: 744577
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.9 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 40.723 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

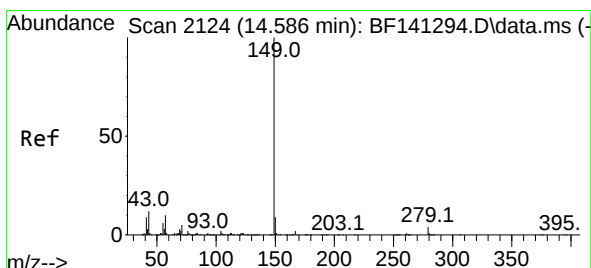
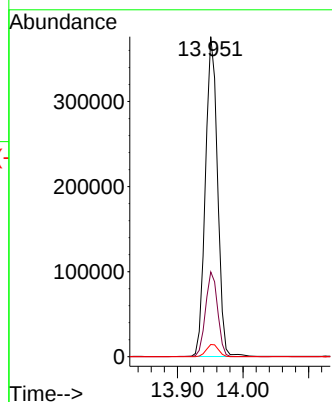
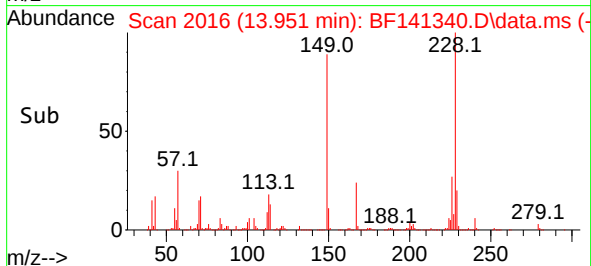
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:149 Resp: 484530
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.8
279 3.8 3.3 4.9

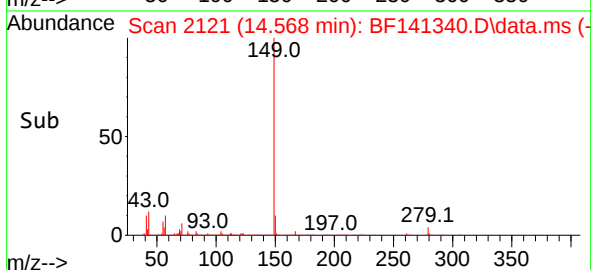
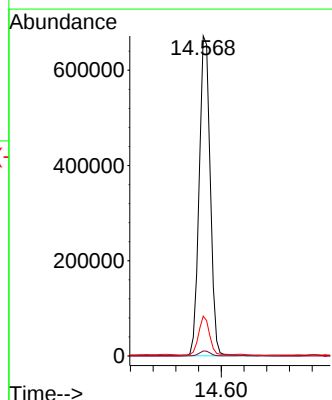
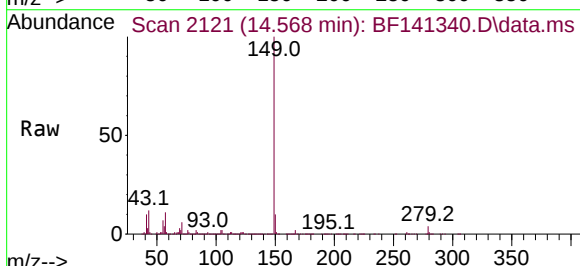
Manual Integrations
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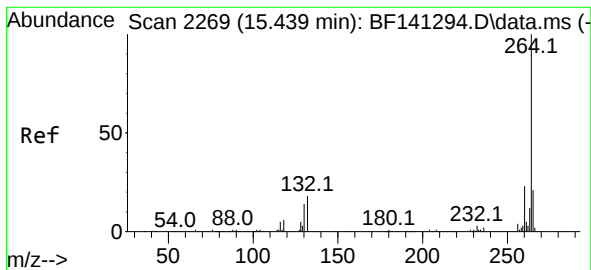
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#85
Di-n-octyl phthalate
Concen: 49.152 ng
RT: 14.568 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:149 Resp: 908345
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: 15.421 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

Tgt Ion:264 Resp: 31276

Ion Ratio Lower Upper

264 100

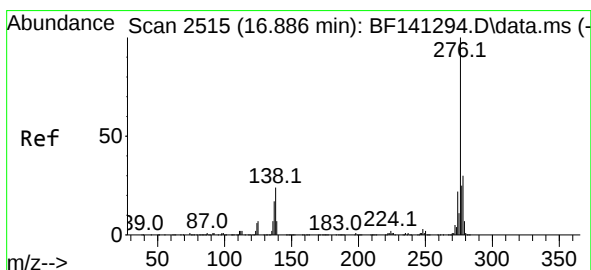
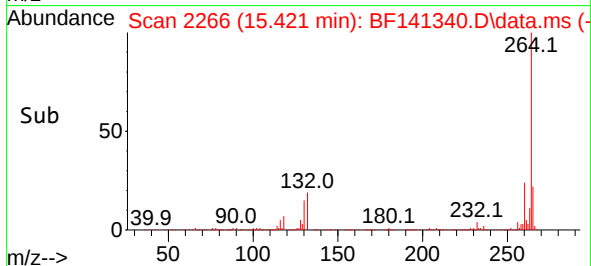
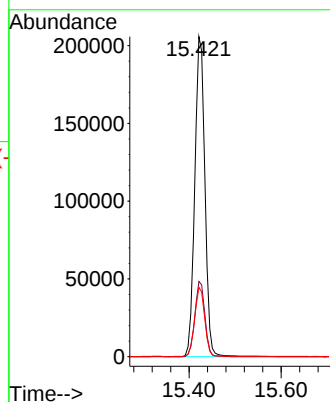
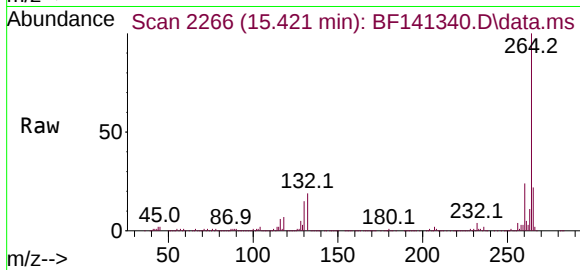
260 23.5 18.6 27.8

265 21.7 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: 38.276 ng

RT: 16.874 min Scan# 2513

Delta R.T. -0.024 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

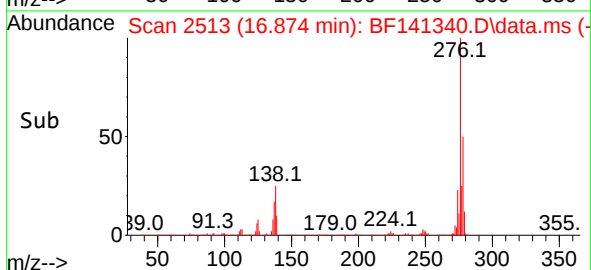
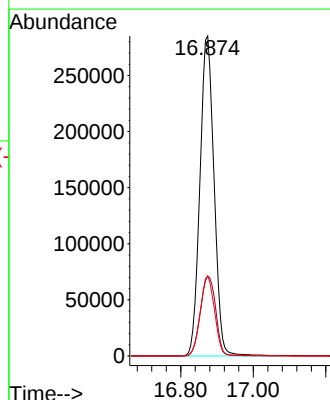
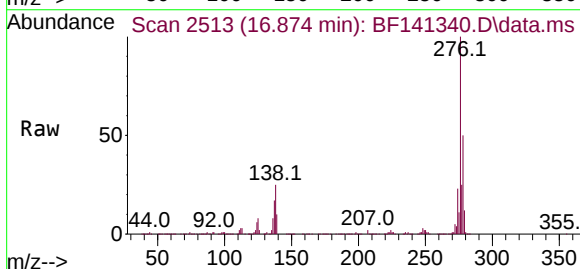
Tgt Ion:276 Resp: 772651

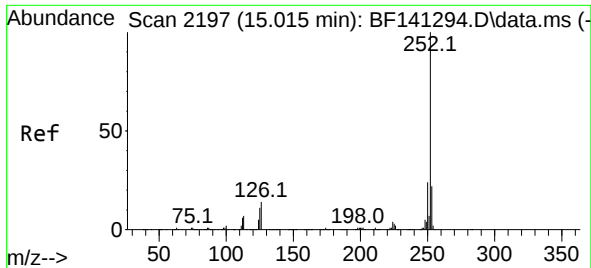
Ion Ratio Lower Upper

276 100

138 26.9 21.7 32.5

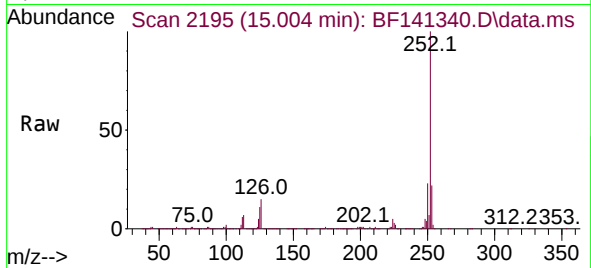
277 25.3 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 46.793 ng
RT: 15.004 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

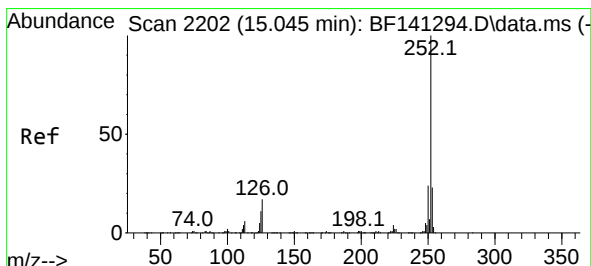
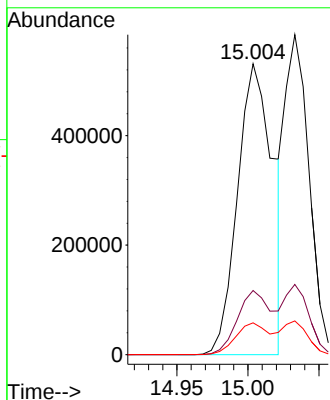
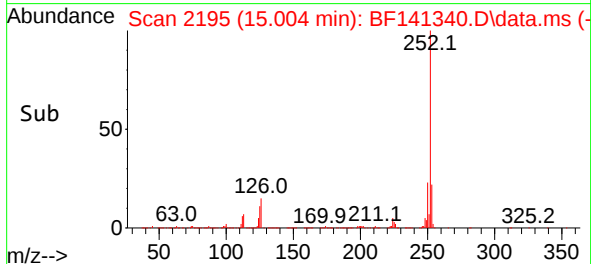
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:252 Resp: 920589
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.0 8.6 12.8

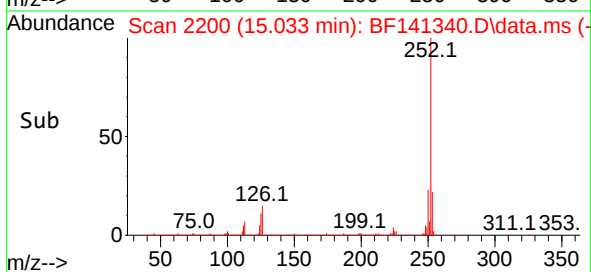
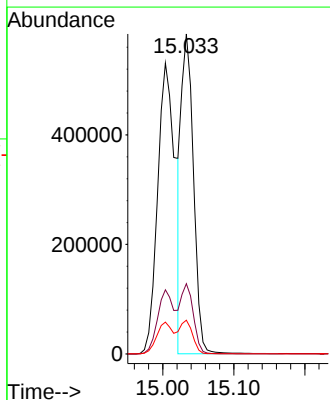
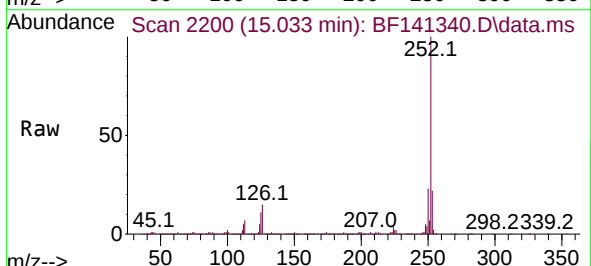
Manual Integrations
APPROVED

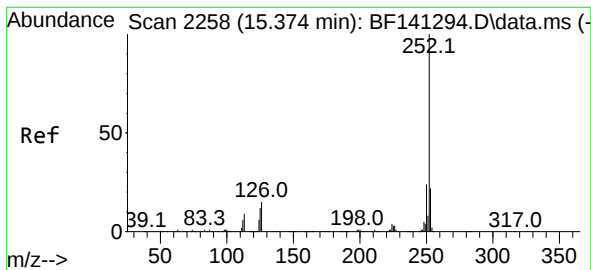
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#89
Benzo(k)fluoranthene
Concen: 39.853 ng
RT: 15.033 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

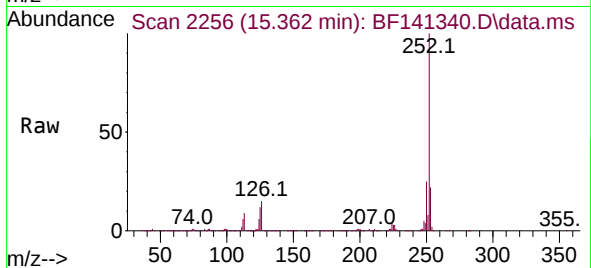
Tgt Ion:252 Resp: 694577
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.6 8.4 12.6





#90
Benzo(a)pyrene
Concen: 45.348 ng
RT: 15.362 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

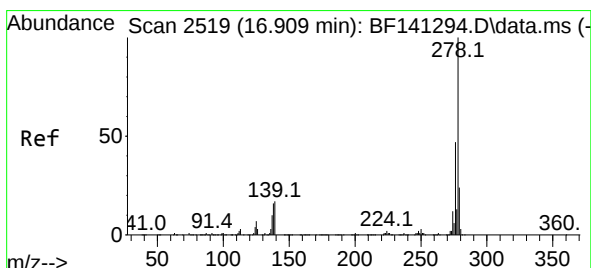
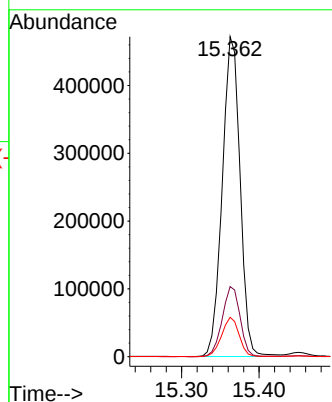
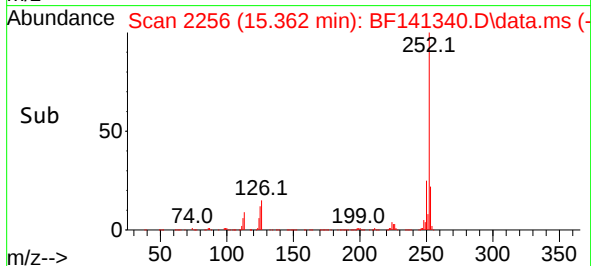
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



Tgt Ion:252 Resp: 75391
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.3 9.4 14.2

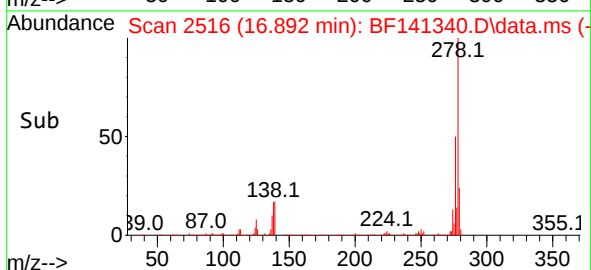
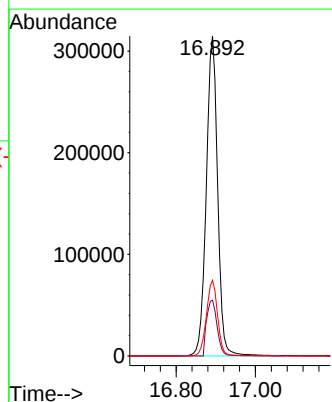
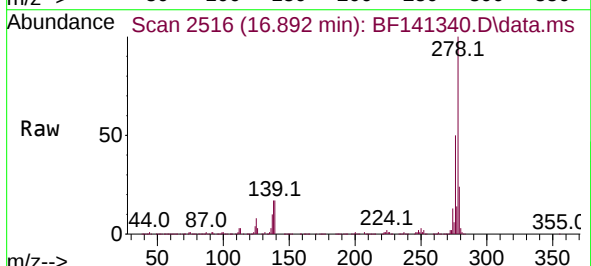
Manual Integrations
APPROVED

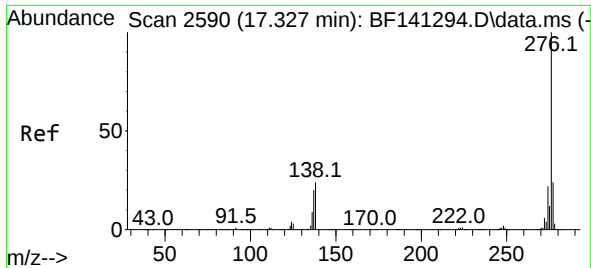
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#91
Dibenzo(a,h)anthracene
Concen: 38.631 ng
RT: 16.892 min Scan# 2516
Delta R.T. -0.030 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

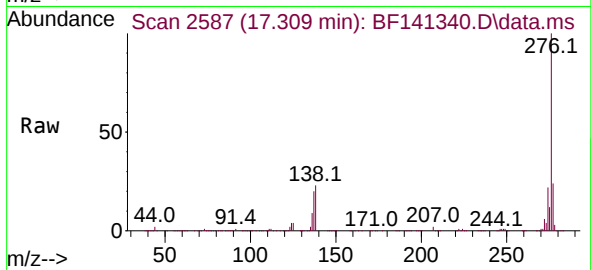
Tgt Ion:278 Resp: 627391
Ion Ratio Lower Upper
278 100
139 17.4 13.9 20.9
279 23.6 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 33.950 ng
 RT: 17.309 min Scan# 2587
 Delta R.T. -0.035 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MSD



Tgt Ion:276 Resp: 573319
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.2 28.8
 138 23.4 19.0 28.4

Manual Integrations
 APPROVED

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

