

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
 Data File : BF141134.D
 Acq On : 13 Jan 2025 18:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025

Quant Time: Jan 14 08:53:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	150074	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	588479	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	316835	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	526913	20.000	ng	0.00
76) Chrysene-d12	13.986	240	316123	20.000	ng	0.00
86) Perylene-d12	15.445	264	300162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	750264	77.229	ng	0.00
7) Phenol-d6	6.445	99	954579	77.571	ng	0.00
23) Nitrobenzene-d5	7.381	82	864889	77.907	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	291845	80.841	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1592390	76.748	ng	0.00
79) Terphenyl-d14	12.933	244	1659292	78.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	167766	38.780	ng	98
3) Pyridine	3.269	79	404886	38.165	ng	97
4) n-Nitrosodimethylamine	3.216	42	200685	38.688	ng	99
6) Aniline	6.481	93	425634	38.958	ng	99
8) 2-Chlorophenol	6.604	128	406710	39.021	ng	98
9) Benzaldehyde	6.369	77	288267	39.774	ng	98
10) Phenol	6.457	94	505657	38.386	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	377306	38.434	ng	97
12) 1,3-Dichlorobenzene	6.763	146	455082	39.148	ng	99
13) 1,4-Dichlorobenzene	6.839	146	457705	39.073	ng	100
14) 1,2-Dichlorobenzene	6.992	146	425668	38.956	ng	99
15) Benzyl Alcohol	6.957	79	345954	38.928	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	509629	37.201	ng	98
17) 2-Methylphenol	7.069	107	325913	38.731	ng	100
18) Hexachloroethane	7.334	117	165936	39.171	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	274358	37.848	ng	99
20) 3+4-Methylphenols	7.222	107	412772	38.882	ng	94
22) Acetophenone	7.228	105	536069	38.319	ng	96
24) Nitrobenzene	7.404	77	442940	38.283	ng	99
25) Isophorone	7.639	82	731443	38.554	ng	99
26) 2-Nitrophenol	7.716	139	213162	40.501	ng	95
27) 2,4-Dimethylphenol	7.751	122	275801	38.850	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	453273	38.069	ng	100
29) 2,4-Dichlorophenol	7.957	162	332905	39.484	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	377188	39.138	ng	100
31) Naphthalene	8.128	128	1201340	38.711	ng	100
32) Benzoic acid	7.857	122	272846	40.065	ng	99
33) 4-Chloroaniline	8.169	127	413587	38.535	ng	98
34) Hexachlorobutadiene	8.245	225	231623	39.886	ng	99
35) Caprolactam	8.539	113	108553	39.325	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	365875	39.678	ng	99
37) 2-Methylnaphthalene	8.816	142	767181	38.794	ng	100
38) 1-Methylnaphthalene	8.916	142	745775	38.265	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	354120	38.941	ng	99
41) Hexachlorocyclopentadiene	8.969	237	125098	42.047	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	239794	39.098	ng	100

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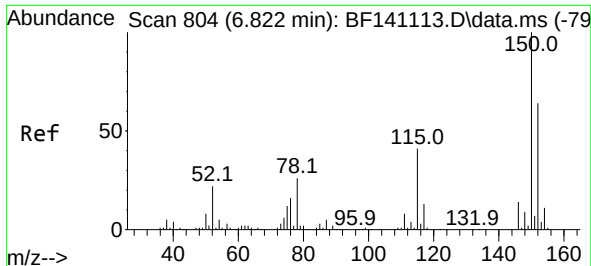
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	256052	39.530	ng	98
46) 1,1'-Biphenyl	9.280	154	940772	38.234	ng	99
47) 2-Chloronaphthalene	9.304	162	738229	38.521	ng	100
48) 2-Nitroaniline	9.398	65	222886	39.234	ng	99
49) Acenaphthylene	9.722	152	1050052	38.350	ng	100
50) Dimethylphthalate	9.580	163	828635	38.957	ng	100
51) 2,6-Dinitrotoluene	9.639	165	198340	40.098	ng	94
52) Acenaphthene	9.892	154	750543	39.235	ng	100
53) 3-Nitroaniline	9.810	138	201229	40.034	ng	98
54) 2,4-Dinitrophenol	9.910	184	95579	40.653	ng	# 41
55) Dibenzofuran	10.063	168	1003944	38.584	ng	98
56) 4-Nitrophenol	9.957	139	156991	39.880	ng	93
57) 2,4-Dinitrotoluene	10.045	165	255788	40.127	ng	98
58) Fluorene	10.410	166	780001	38.586	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	216252	40.165	ng	99
60) Diethylphthalate	10.280	149	819340	39.457	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	379451	38.514	ng	95
62) 4-Nitroaniline	10.422	138	197107	40.065	ng	97
63) Azobenzene	10.563	77	782054	38.168	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	135172	44.271	ng	99
66) n-Nitrosodiphenylamine	10.516	169	675920	39.771	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	248719	41.000	ng	99
68) Hexachlorobenzene	10.951	284	277648	41.115	ng	98
69) Atrazine	11.045	200	157849	34.494	ng	99
70) Pentachlorophenol	11.145	266	183435	42.416	ng	100
71) Phenanthrene	11.369	178	1124381	39.747	ng	100
72) Anthracene	11.422	178	1116904	40.606	ng	100
73) Carbazole	11.574	167	1018012	40.363	ng	100
74) Di-n-butylphthalate	11.910	149	1201594	41.630	ng	100
75) Fluoranthene	12.557	202	1153617	40.866	ng	99
77) Benzidine	12.680	184	162834m	27.776	ng	
78) Pyrene	12.786	202	1148499	38.038	ng	100
80) Butylbenzylphthalate	13.410	149	412751	41.001	ng	98
81) Benzo(a)anthracene	13.974	228	796494	37.022	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	257404	37.575	ng	99
83) Chrysene	14.010	228	762523	37.879	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	500154	41.408	ng	99
85) Di-n-octyl phthalate	14.592	149	709458	38.896	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	891758	40.552	ng	98
88) Benzo(b)fluoranthene	15.021	252	770768	39.822	ng	100
89) Benzo(k)fluoranthene	15.051	252	631989	38.637	ng	100
90) Benzo(a)pyrene	15.386	252	630296	39.469	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	724997	40.762	ng	98
92) Benzo(g,h,i)perylene	17.345	276	759180	41.036	ng	98

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



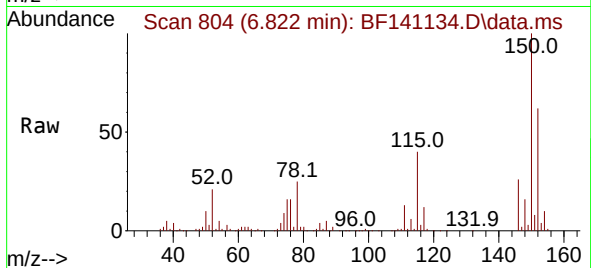
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141134.D
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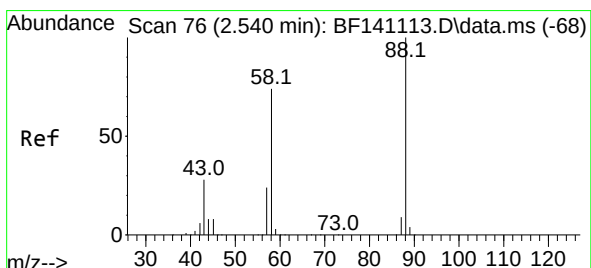
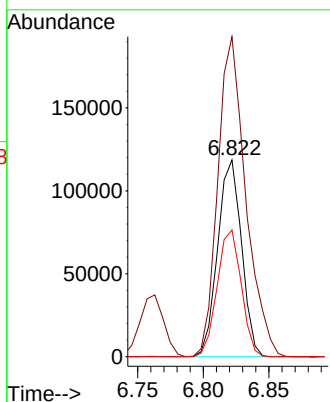
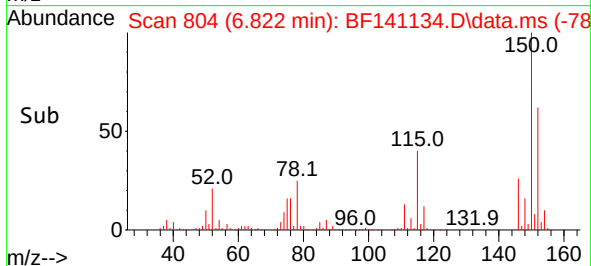


Tgt Ion:152 Resp: 150074
Ion Ratio Lower Upper
152 100
150 162.6 125.8 188.8
115 64.4 51.4 77.2

Manual Integrations

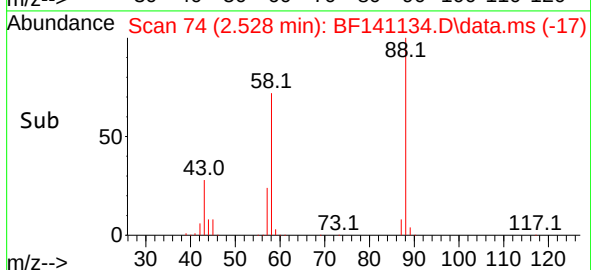
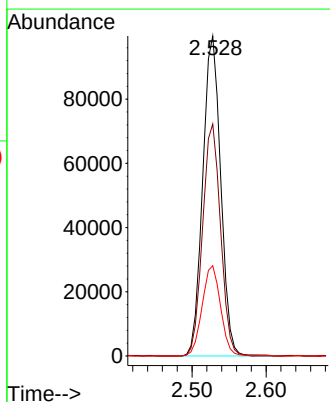
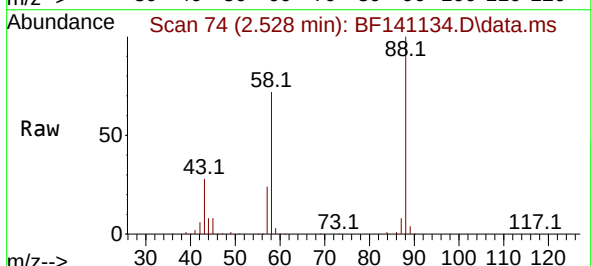
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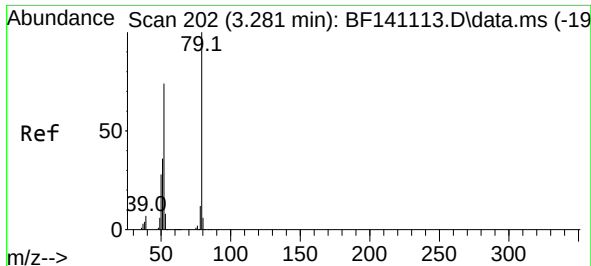
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#2
1,4-Dioxane
Concen: 38.780 ng
RT: 2.528 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion: 88 Resp: 167766
Ion Ratio Lower Upper
88 100
58 72.3 60.1 90.1
43 28.9 23.1 34.7





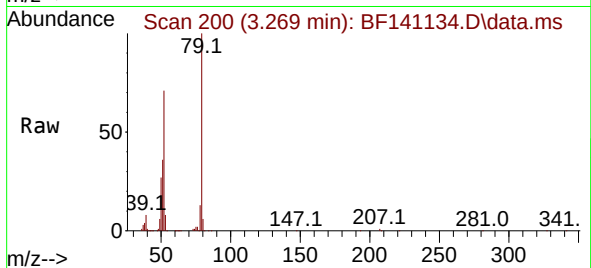
#3
Pyridine
Concen: 38.165 ng
RT: 3.269 min Scan# 200
Delta R.T. -0.012 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

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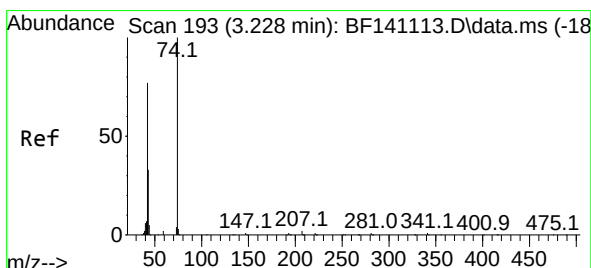
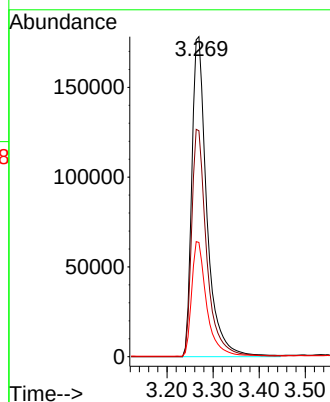
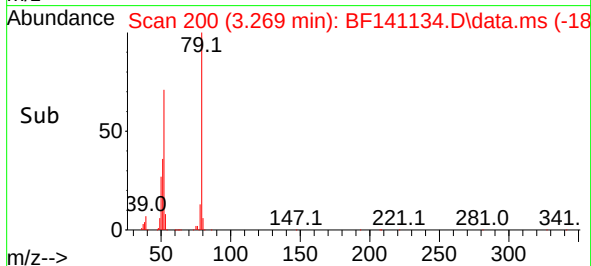
Tgt Ion: 79 Resp: 404880
Ion Ratio Lower Upper
79 100
52 70.6 58.9 88.3
51 35.7 29.1 43.7

Manual Integrations

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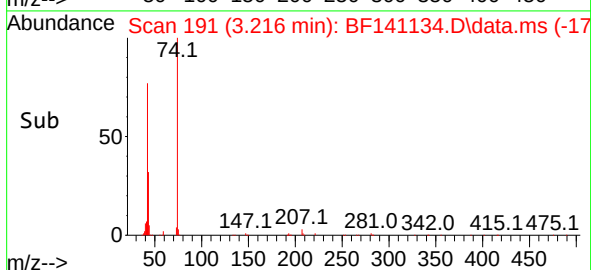
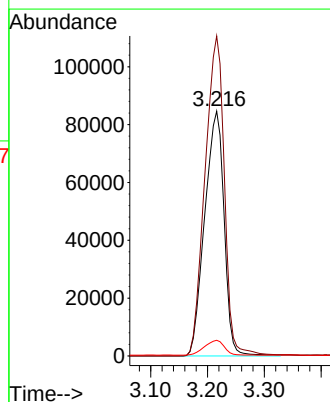
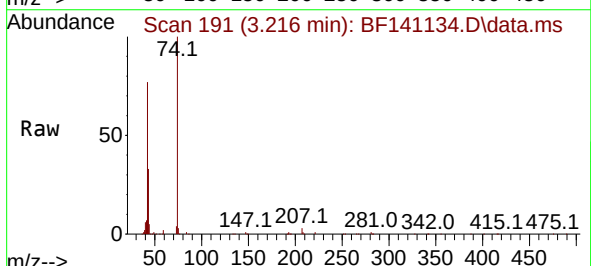
Reviewed By :Yogesh Patel 01/14/2025

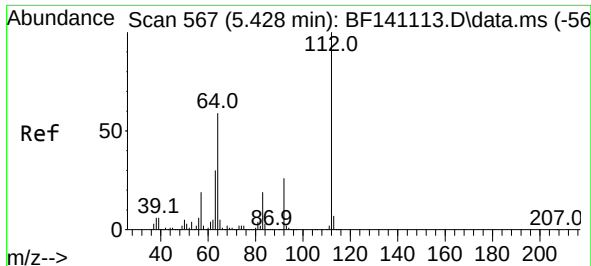
Supervised By :mohammad ahmed 01/14/2025



#4
n-Nitrosodimethylamine
Concen: 38.688 ng
RT: 3.216 min Scan# 191
Delta R.T. -0.012 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion: 42 Resp: 200685
Ion Ratio Lower Upper
42 100
74 130.7 103.8 155.6
44 6.4 5.3 7.9





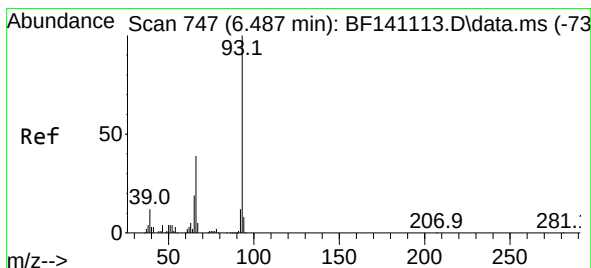
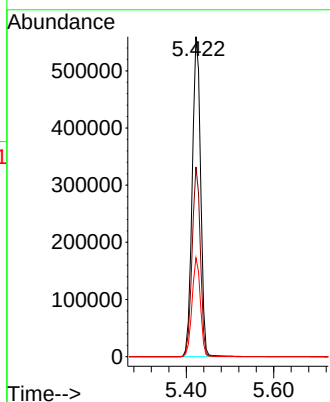
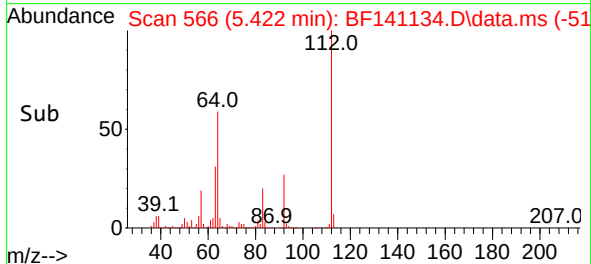
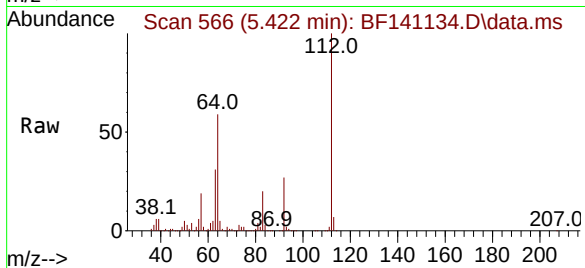
#5
2-Fluorophenol
Concen: 77.229 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 750264
Ion Ratio Lower Upper
112 100
64 59.3 47.3 70.9
63 30.9 24.2 36.2

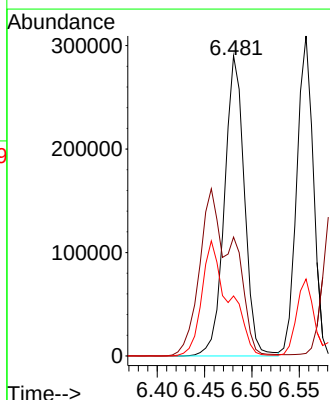
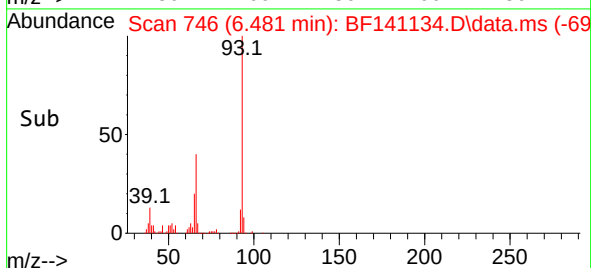
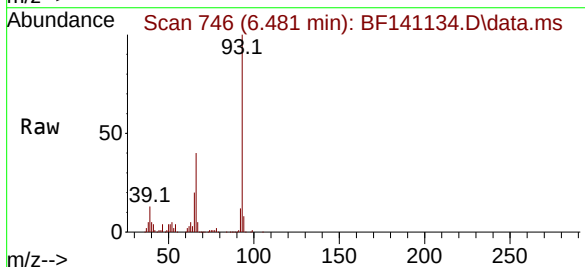
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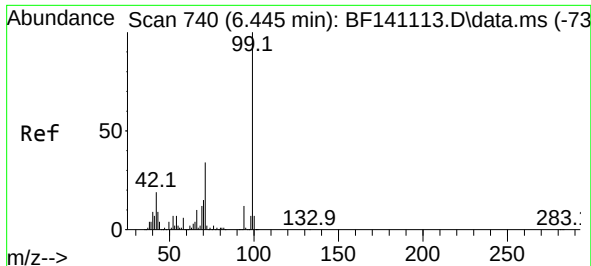
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#6
Aniline
Concen: 38.958 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

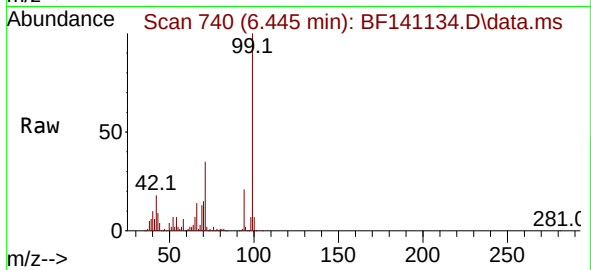
Tgt Ion: 93 Resp: 425634
Ion Ratio Lower Upper
93 100
66 39.6 31.5 47.3
65 20.0 15.3 22.9





#7
Phenol-d6
Concen: 77.571 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

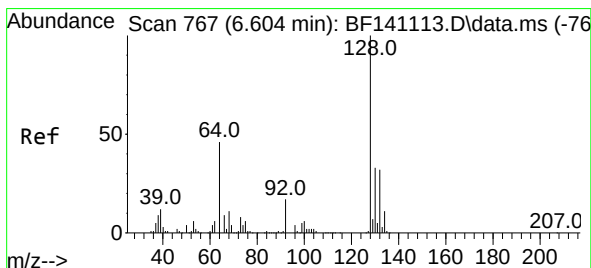
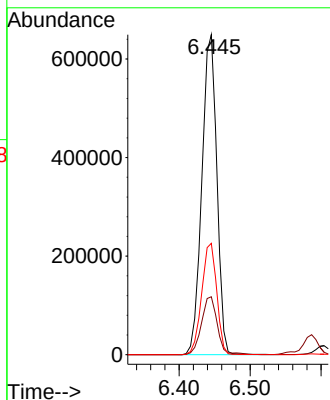
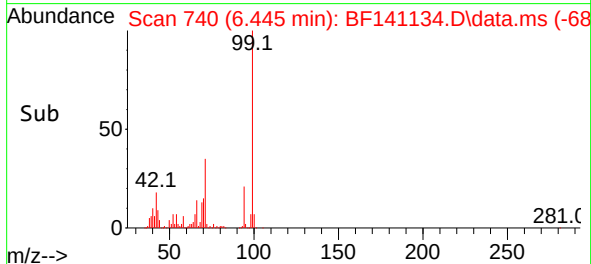
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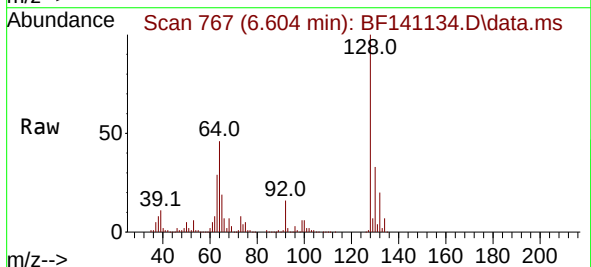
Tgt Ion: 99 Resp: 954579
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 34.8 27.6 41.4

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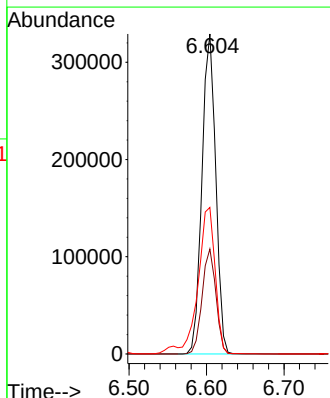
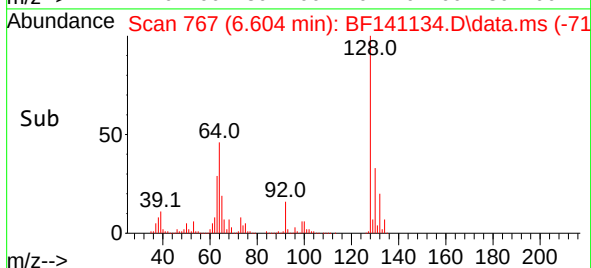
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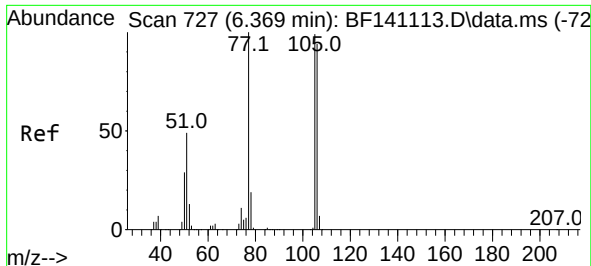


#8
2-Chlorophenol
Concen: 39.021 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



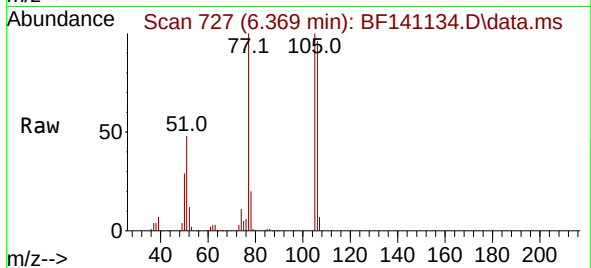
Tgt Ion:128 Resp: 406710
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 45.8 28.3 68.3





#9
Benzaldehyde
Concen: 39.774 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

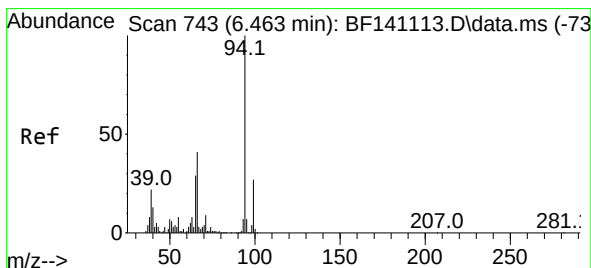
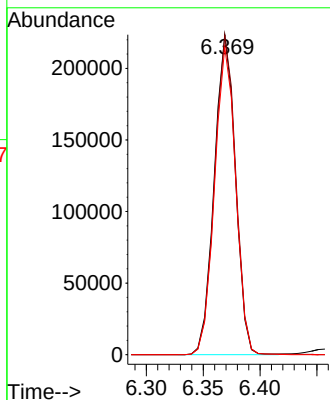
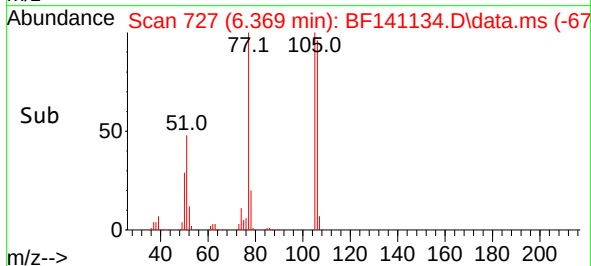
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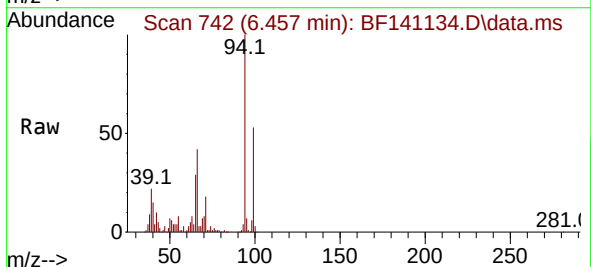
Tgt Ion: 77 Resp: 28826
Ion Ratio Lower Upper
77 100
105 99.9 78.9 118.9
106 96.2 73.6 113.6

Manual Integrations
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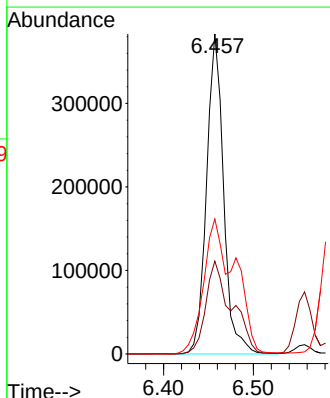
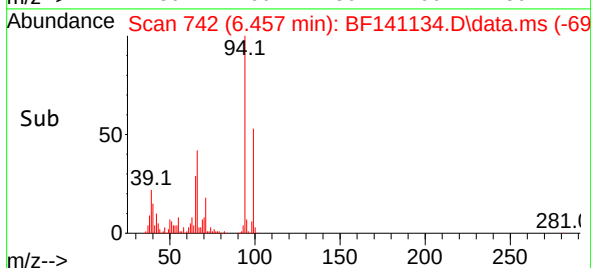
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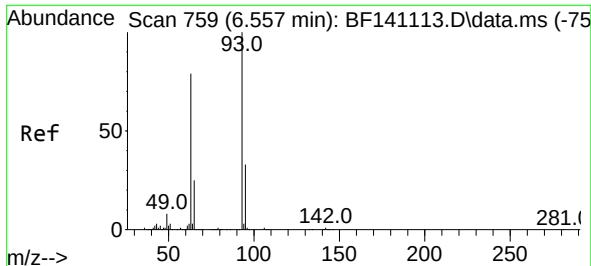


#10
Phenol
Concen: 38.386 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



Tgt Ion: 94 Resp: 505657
Ion Ratio Lower Upper
94 100
65 29.0 8.9 48.9
66 42.2 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 38.434 ng

RT: 6.557 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF141134.D

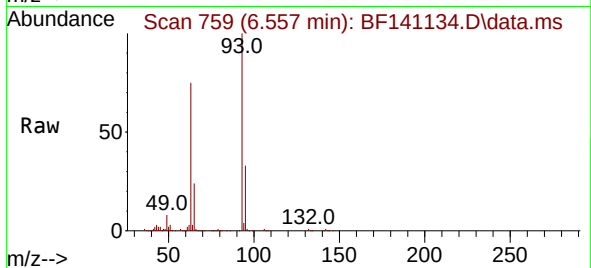
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 93 Resp: 377300

Ion Ratio Lower Upper

93 100

63 74.9 58.0 98.0

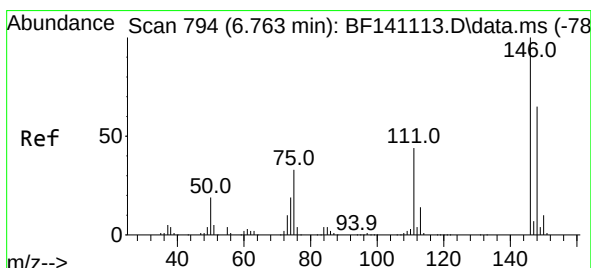
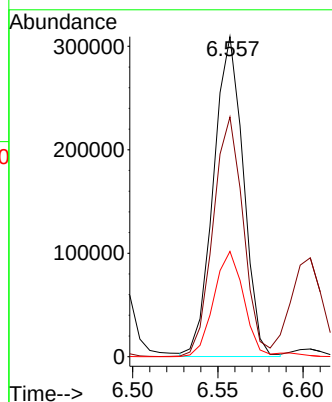
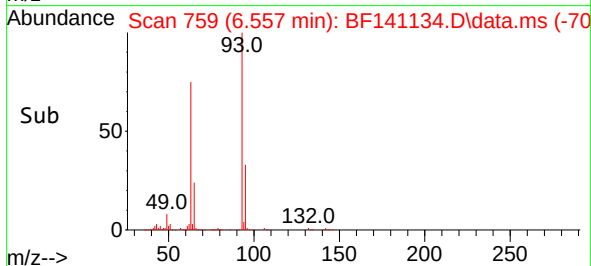
95 32.9 12.5 52.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#12

1,3-Dichlorobenzene

Concen: 39.148 ng

RT: 6.763 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

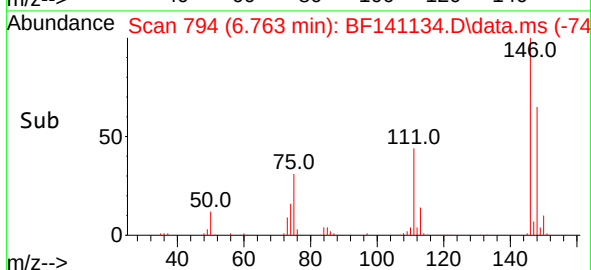
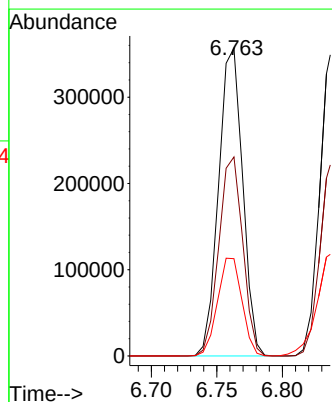
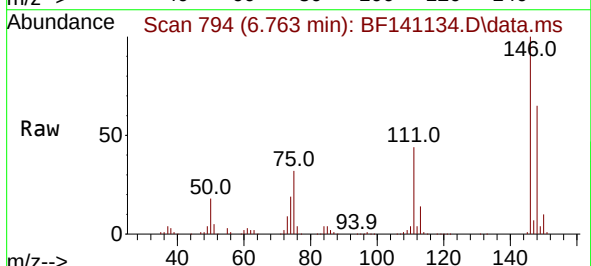
Tgt Ion:146 Resp: 455082

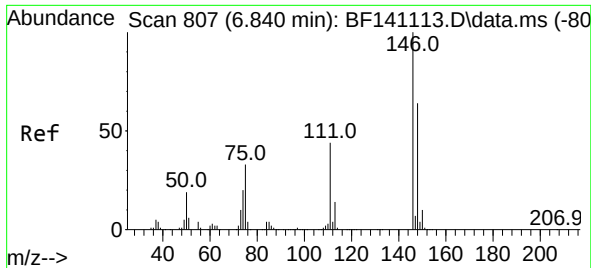
Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

75 31.6 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 39.073 ng

RT: 6.839 min Scan# 807

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 45770

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

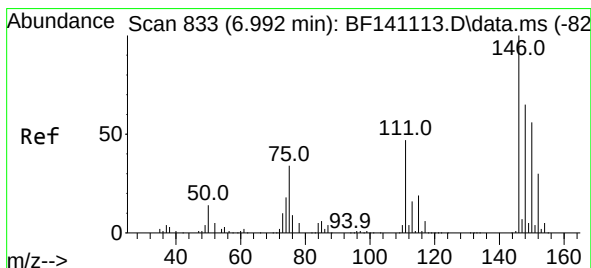
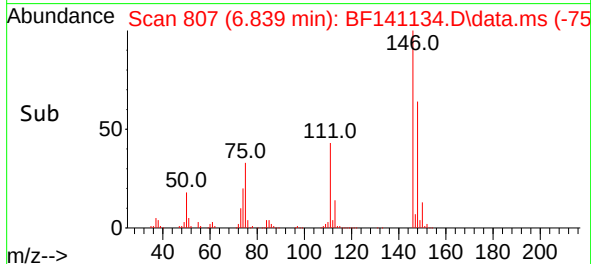
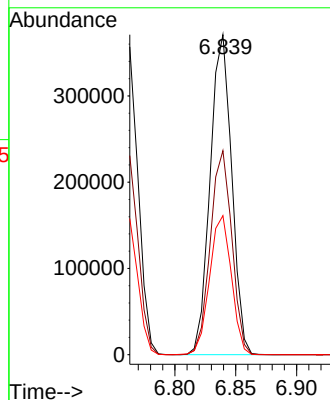
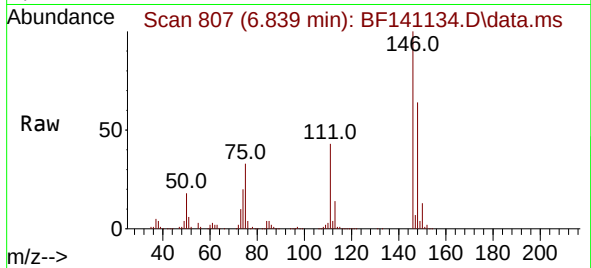
111 43.5 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#14

1,2-Dichlorobenzene

Concen: 38.956 ng

RT: 6.992 min Scan# 833

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

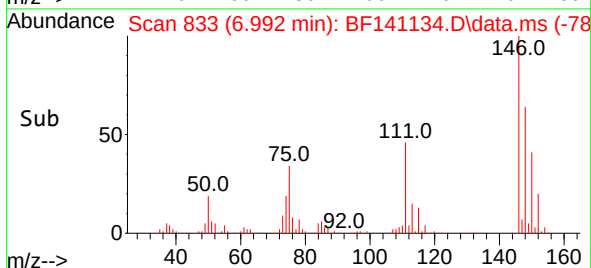
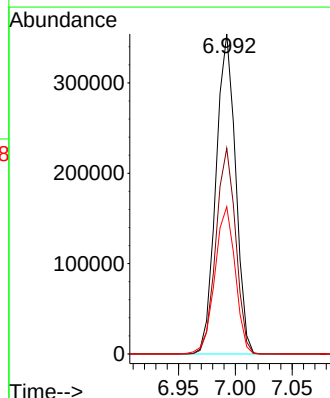
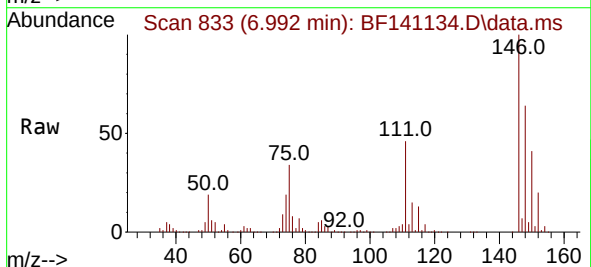
Tgt Ion:146 Resp: 425668

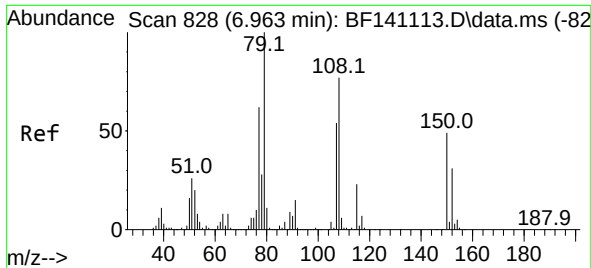
Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

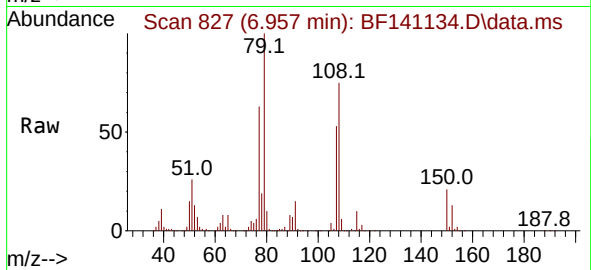
111 46.0 37.5 56.3





#15
Benzyl Alcohol
Concen: 38.928 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

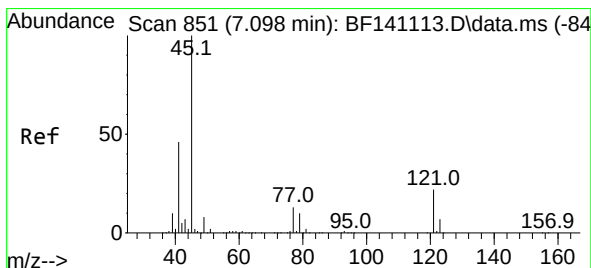
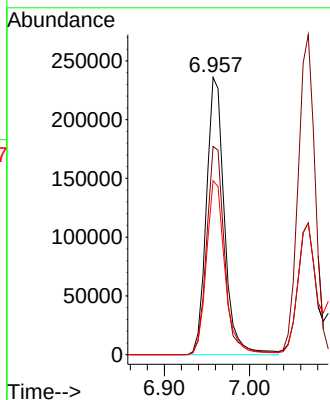
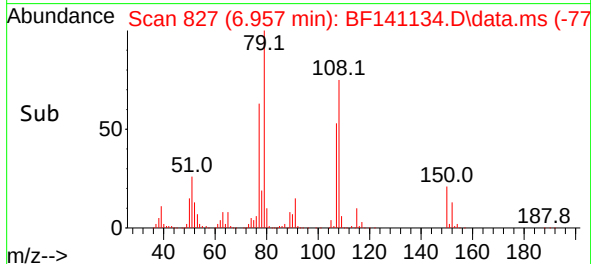
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 345954
Ion Ratio Lower Upper
79 100
108 75.0 61.4 92.0
77 62.7 49.8 74.6

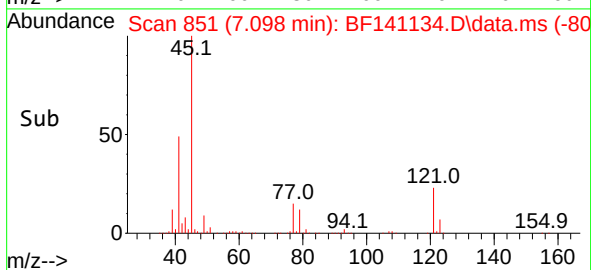
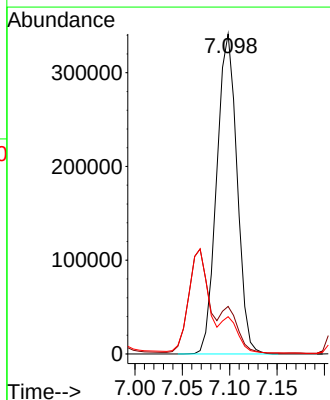
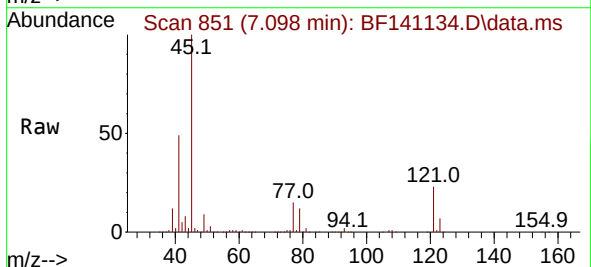
Manual Integrations
APPROVED

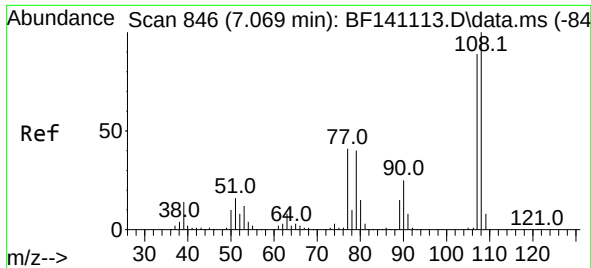
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.201 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion: 45 Resp: 509629
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.1
79 11.7 0.0 31.0





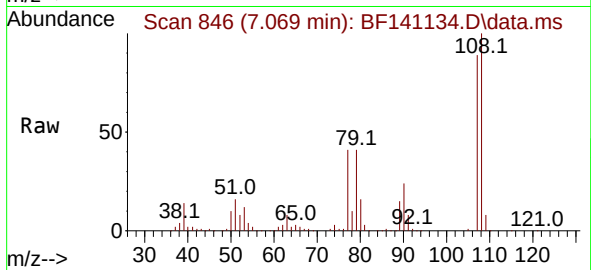
#17
2-Methylphenol
Concen: 38.731 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

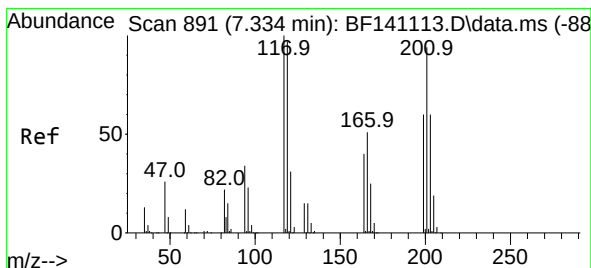
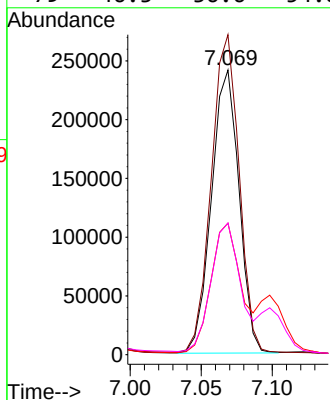
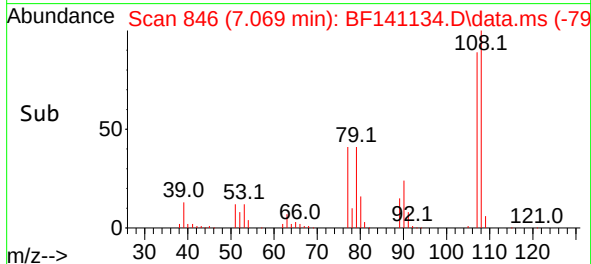


Tgt Ion:107 Resp: 32591
Ion Ratio Lower Upper
107 100
108 112.4 90.1 135.1
77 46.2 36.6 55.0
79 46.3 36.6 54.8

Manual Integrations

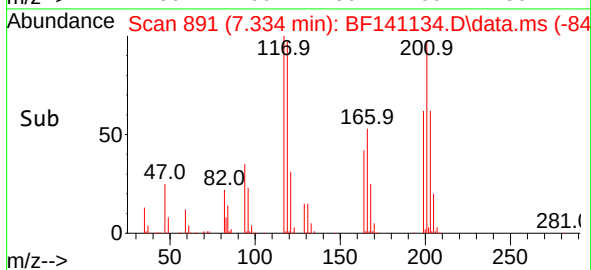
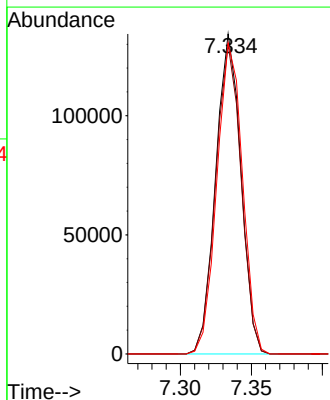
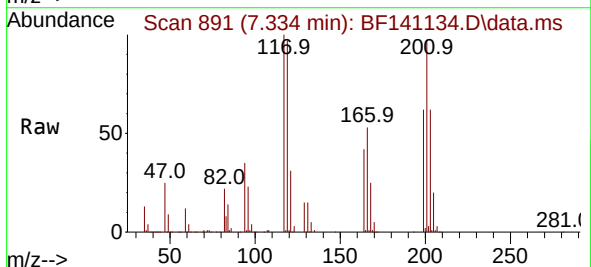
APPROVED

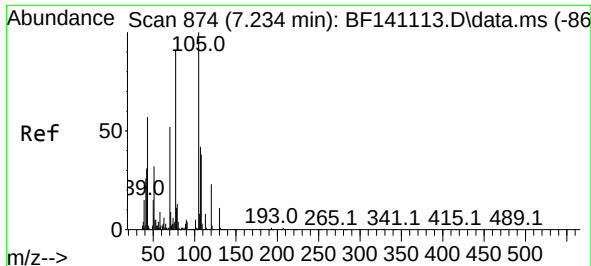
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#18
Hexachloroethane
Concen: 39.171 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

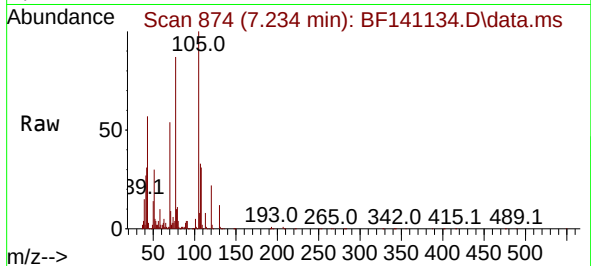
Tgt Ion:117 Resp: 165936
Ion Ratio Lower Upper
117 100
119 96.8 77.6 116.4
201 97.2 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.848 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

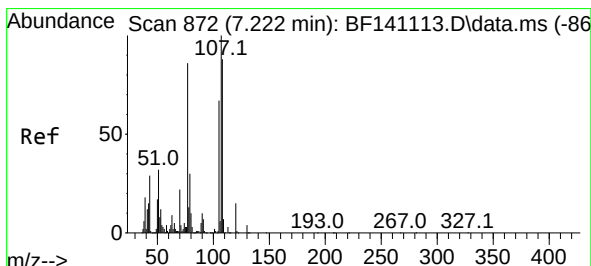
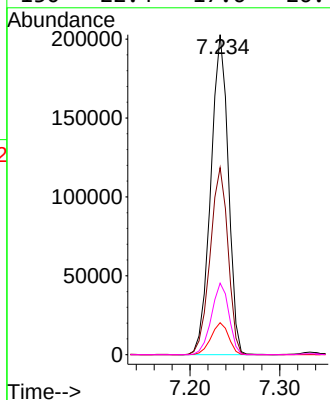
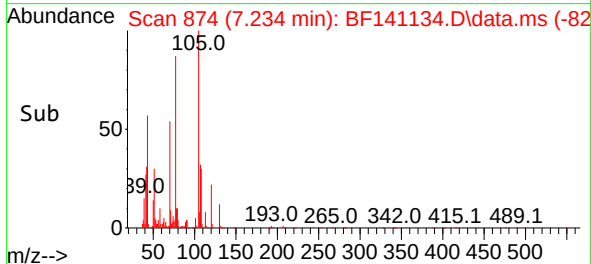
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



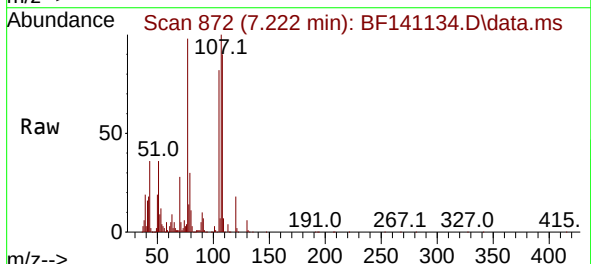
Tgt Ion: 70 Resp: 274358
Ion Ratio Lower Upper
70 100
42 58.5 47.8 71.6
101 10.0 7.9 11.9
130 22.4 17.6 26.4

Manual Integrations
APPROVED

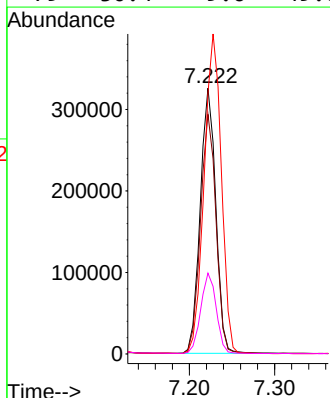
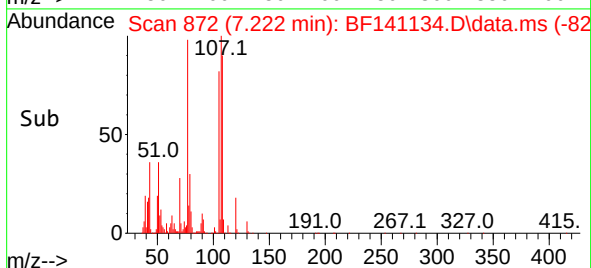
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

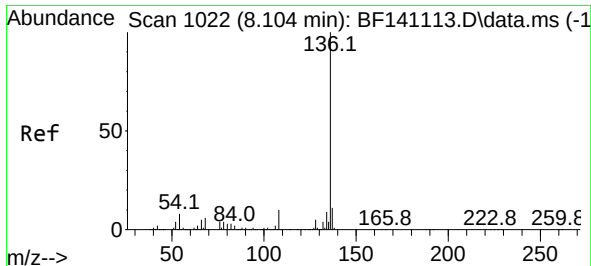


#20
3+4-Methylphenols
Concen: 38.882 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



Tgt Ion:107 Resp: 412772
Ion Ratio Lower Upper
107 100
108 90.2 68.3 108.3
77 98.1 66.4 106.4
79 30.4 9.6 49.6





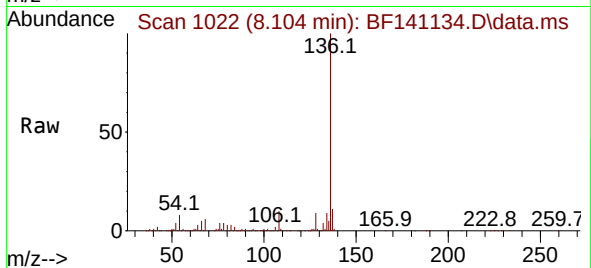
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



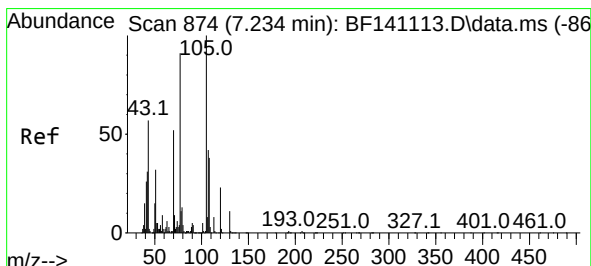
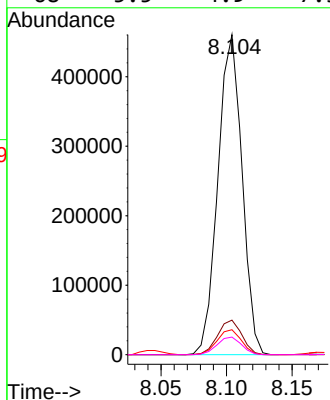
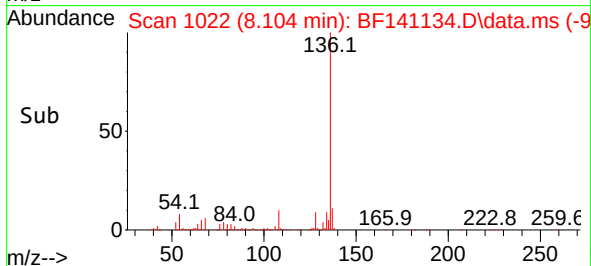
Tgt Ion:136 Resp: 588479
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 6.3 9.5
68 5.5 4.9 7.3

Manual Integrations

APPROVED

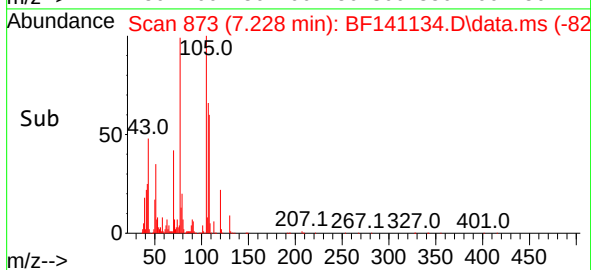
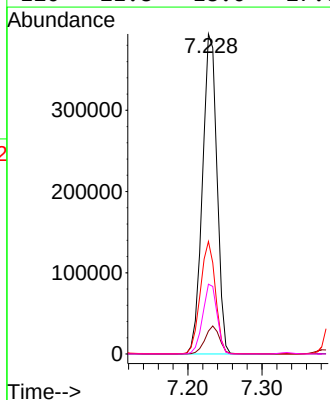
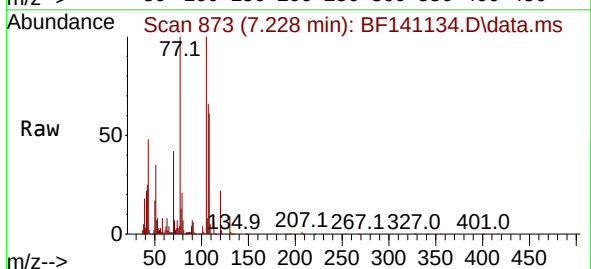
Reviewed By :Yogesh Patel 01/14/2025

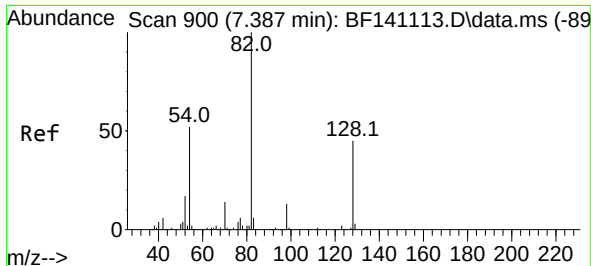
Supervised By :mohammad ahmed 01/14/2025



#22
Acetophenone
Concen: 38.319 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

Tgt Ion:105 Resp: 536069
Ion Ratio Lower Upper
105 100
71 7.1 7.1 10.7
51 35.2 25.4 38.2
120 21.8 18.0 27.0





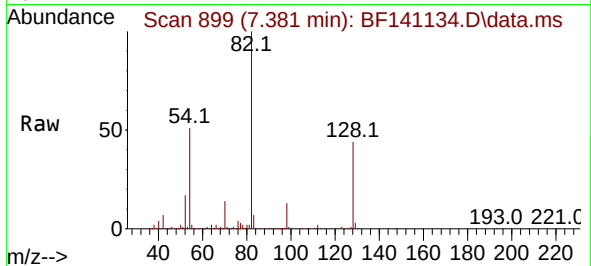
#23
Nitrobenzene-d5
Concen: 77.907 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

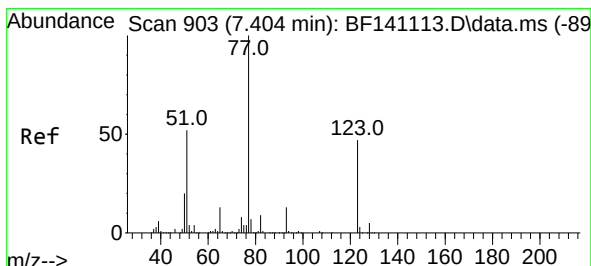
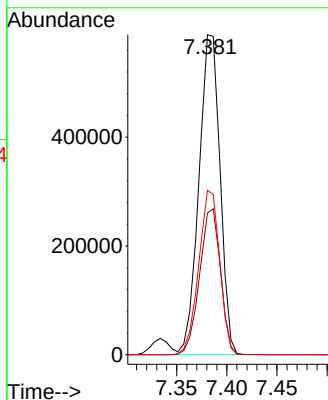
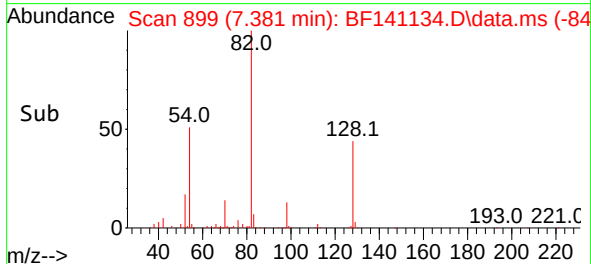


Tgt Ion: 82 Resp: 864889
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 51.4 41.0 61.4

Manual Integrations

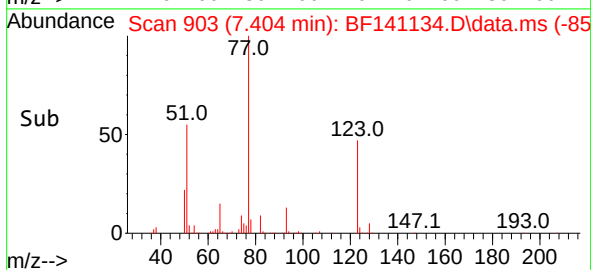
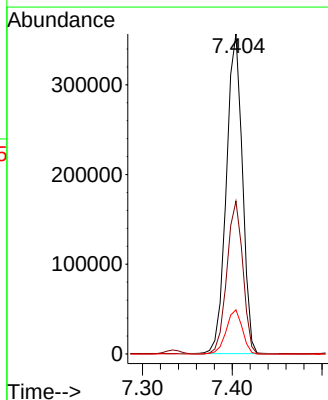
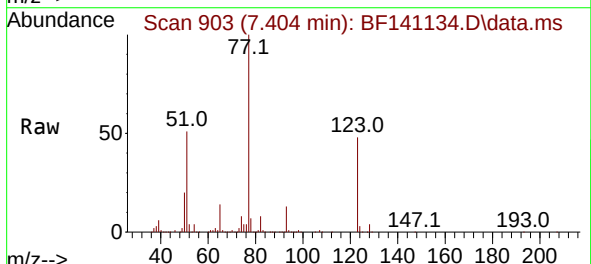
APPROVED

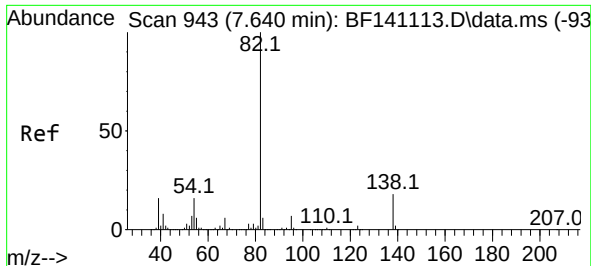
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#24
Nitrobenzene
Concen: 38.283 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

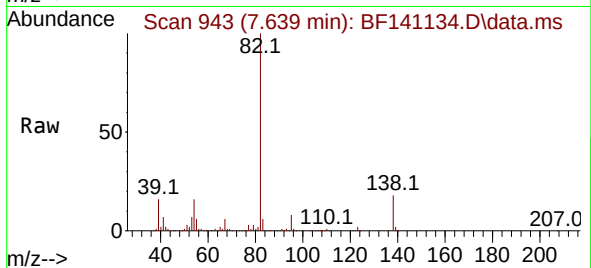
Tgt Ion: 77 Resp: 442940
Ion Ratio Lower Upper
77 100
123 47.7 37.7 56.5
65 13.8 10.6 16.0





#25
Isophorone
Concen: 38.554 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

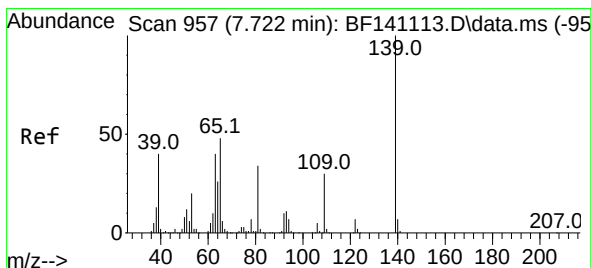
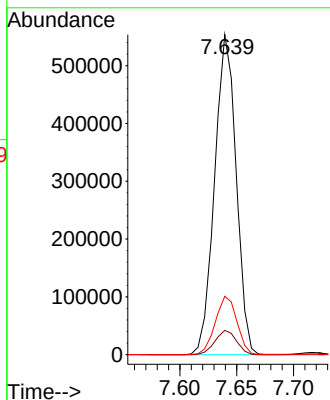
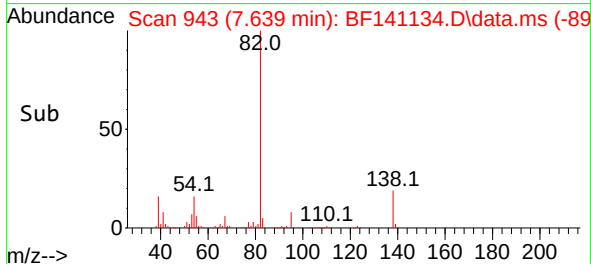
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



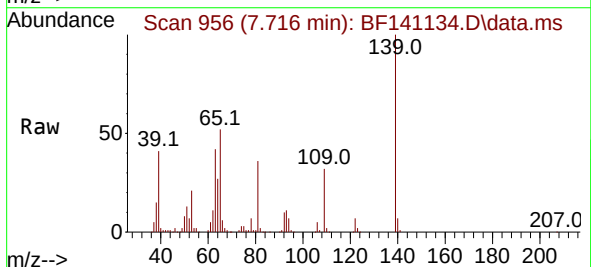
Tgt Ion: 82 Resp: 73144
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.3 14.2 21.2

Manual Integrations
APPROVED

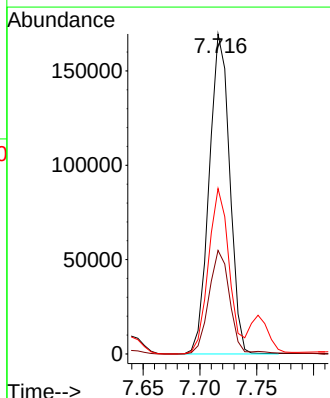
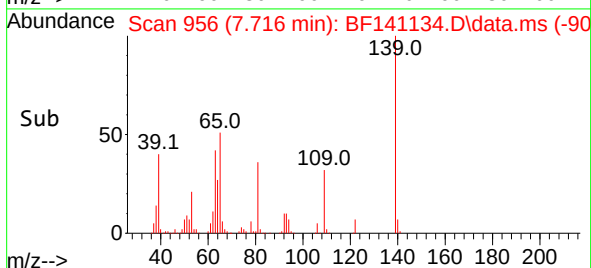
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

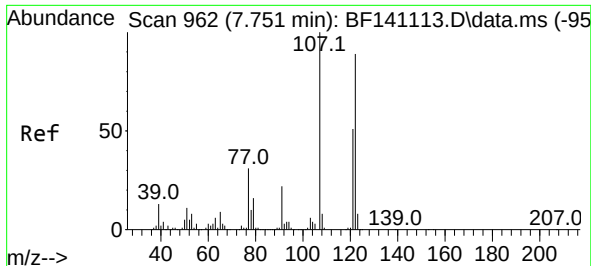


#26
2-Nitrophenol
Concen: 40.501 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48



Tgt Ion:139 Resp: 213162
Ion Ratio Lower Upper
139 100
109 32.3 23.8 35.6
65 51.7 38.5 57.7





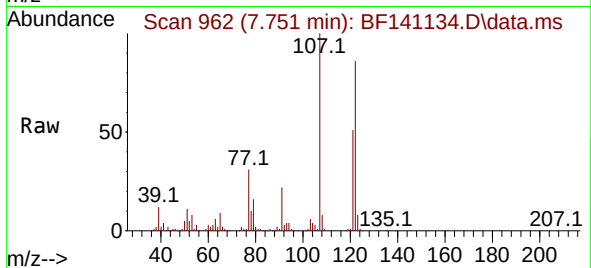
#27
2,4-Dimethylphenol
Concen: 38.850 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



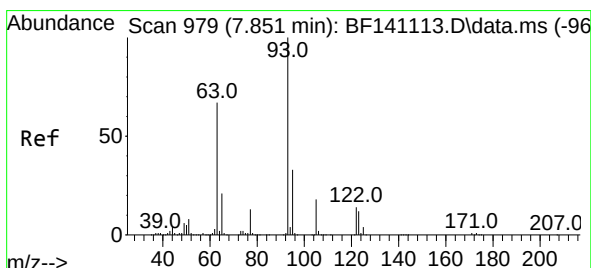
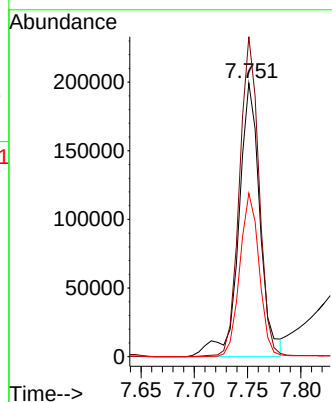
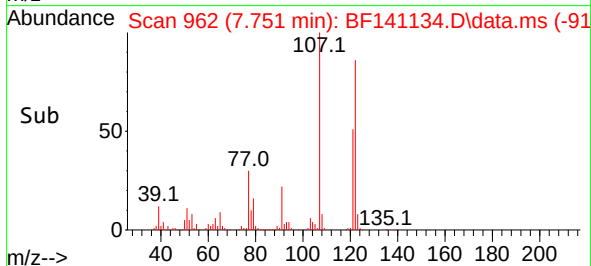
Tgt Ion:122 Resp: 27580
Ion Ratio Lower Upper
122 100
107 117.0 90.3 135.5
121 59.7 46.5 69.7

Manual Integrations

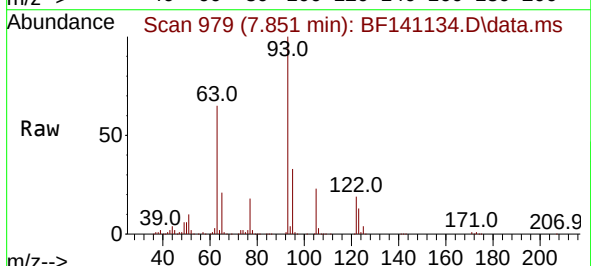
APPROVED

Reviewed By :Yogesh Patel 01/14/2025

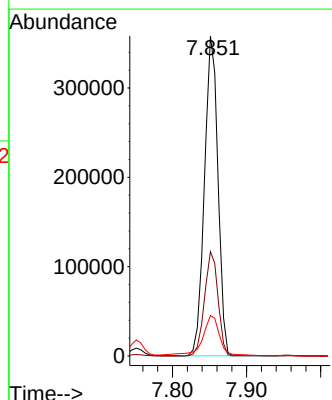
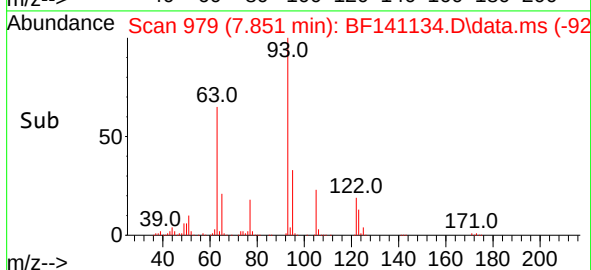
Supervised By :mohammad ahmed 01/14/2025

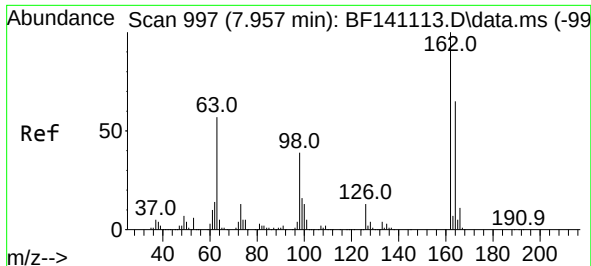


#28
bis(2-Chloroethoxy)methane
Concen: 38.069 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48



Tgt Ion: 93 Resp: 453273
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 12.7 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 39.484 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

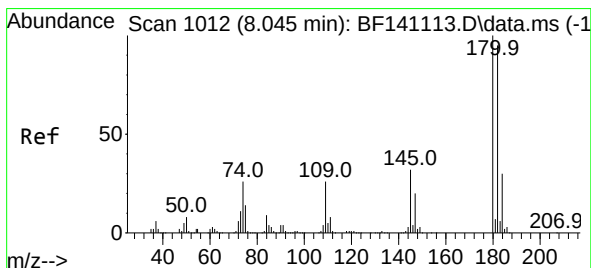
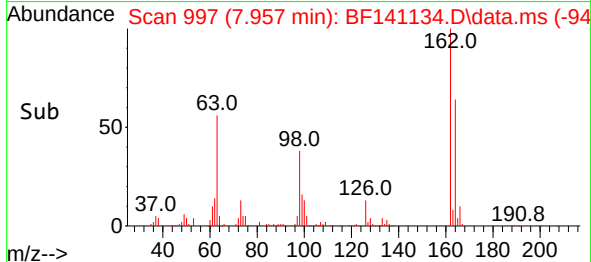
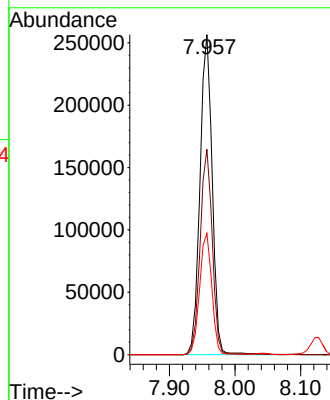
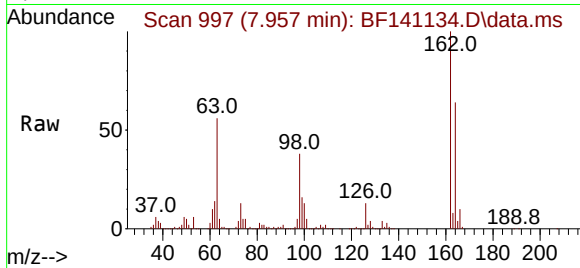
SSTDCCC040EC

Tgt Ion:162 Resp: 332905
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.5 84.5
 98 37.9 18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.138 ng

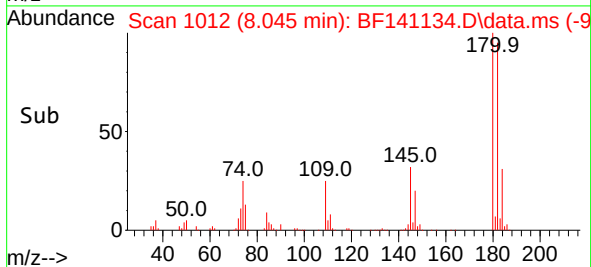
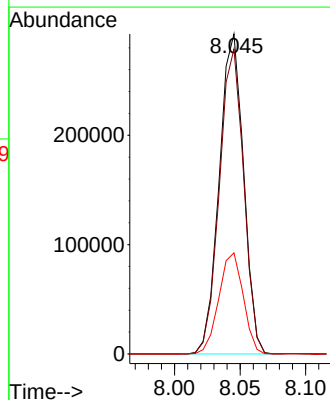
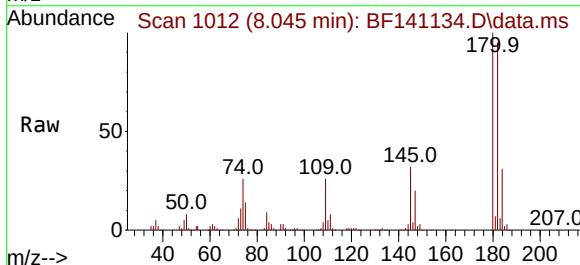
RT: 8.045 min Scan# 1012

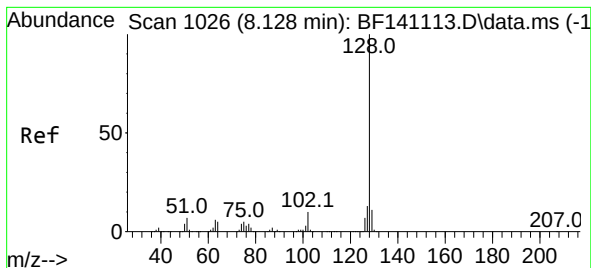
Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

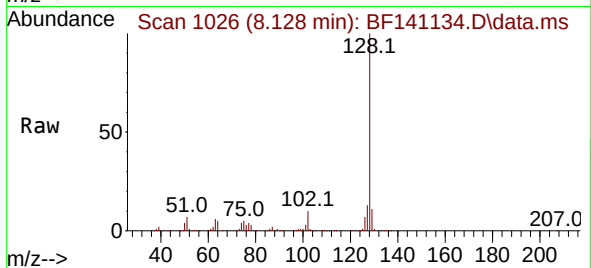
Tgt Ion:180 Resp: 377188
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.2
 145 31.6 25.3 37.9





#31
Naphthalene
Concen: 38.711 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

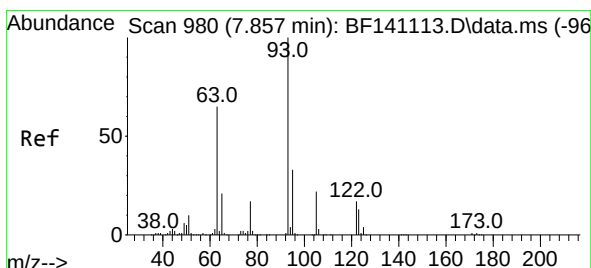
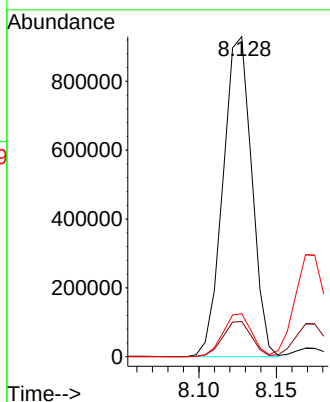
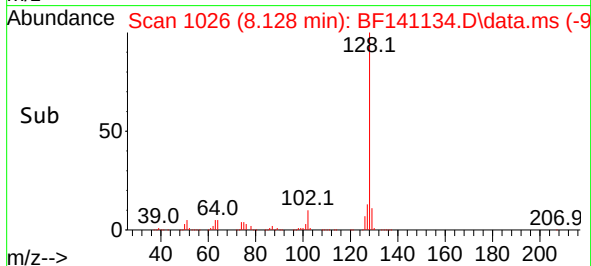
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 1201340
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.8 16.2

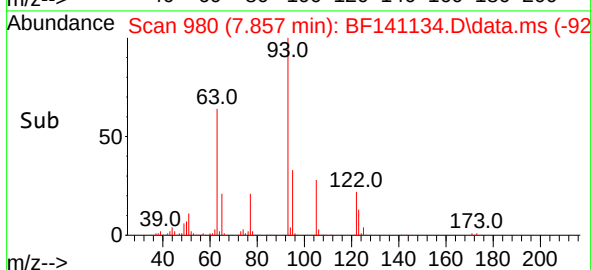
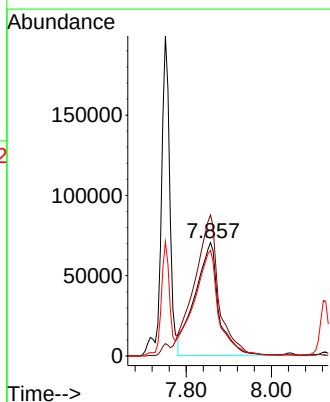
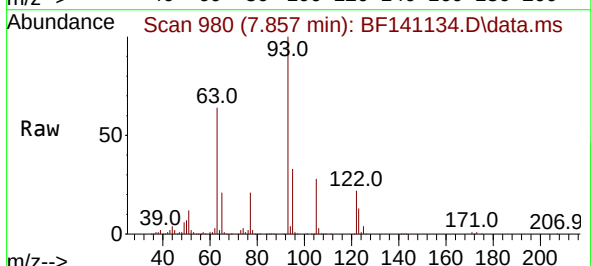
Manual Integrations
APPROVED

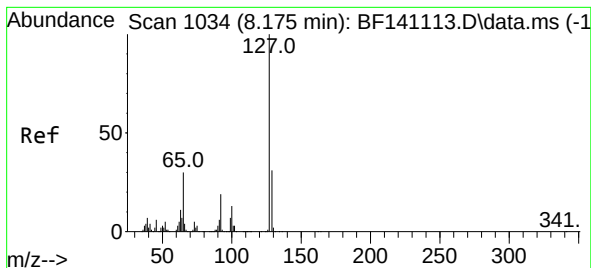
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#32
Benzoic acid
Concen: 40.065 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion:122 Resp: 272846
Ion Ratio Lower Upper
122 100
105 124.5 105.5 145.5
77 93.2 75.1 115.1





#33

4-Chloroaniline

Concen: 38.535 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 41358

Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 31.0 23.8 35.8

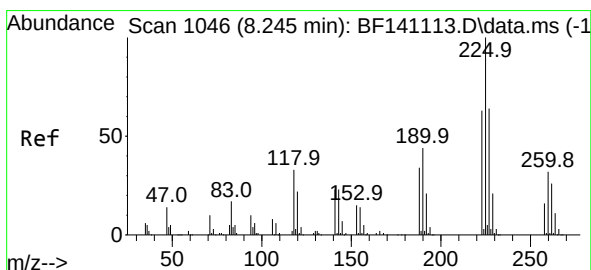
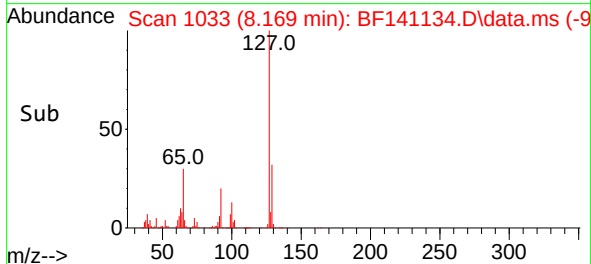
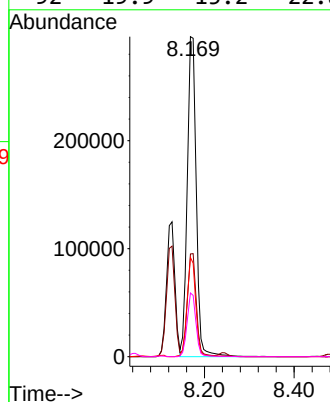
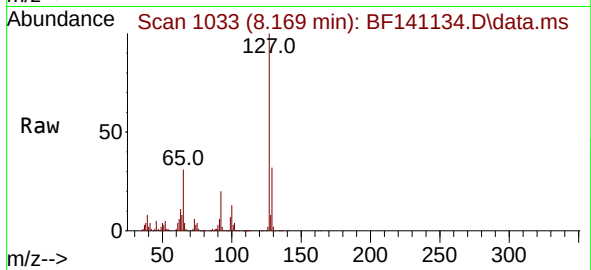
92 19.9 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#34

Hexachlorobutadiene

Concen: 39.886 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

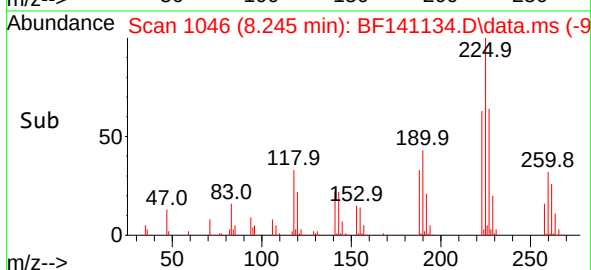
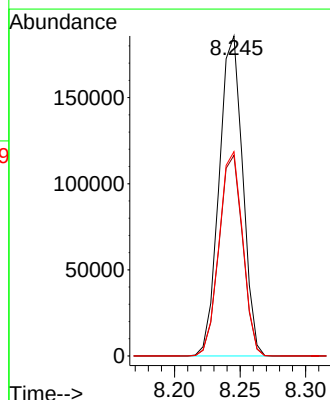
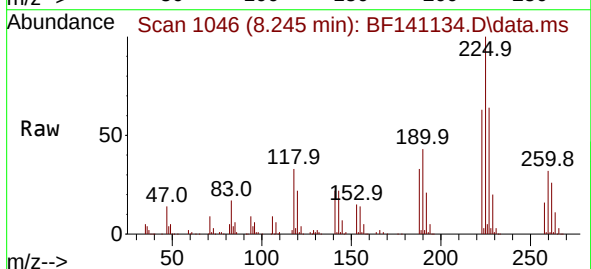
Tgt Ion:225 Resp: 231623

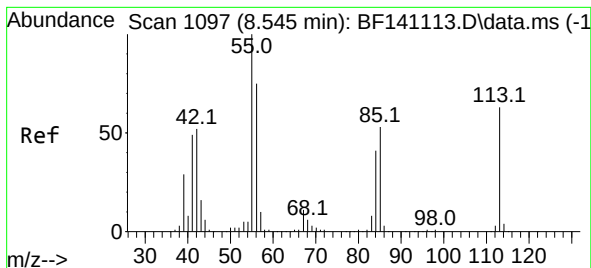
Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

227 63.9 51.6 77.4





#35

Caprolactam

Concen: 39.325 ng

RT: 8.539 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

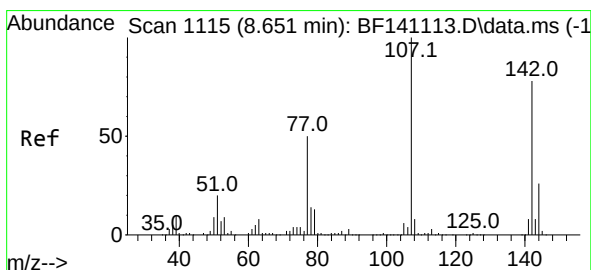
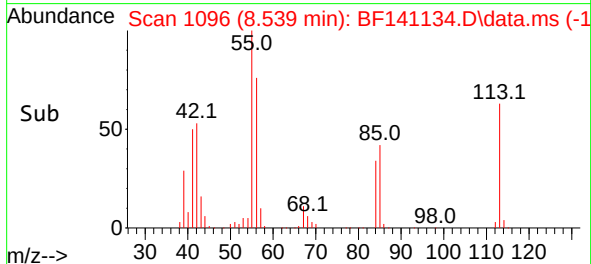
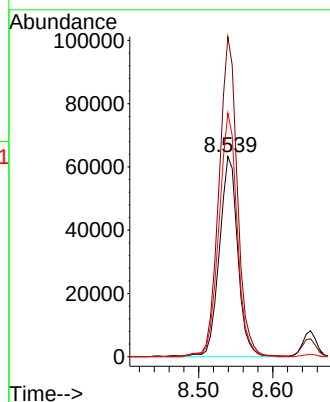
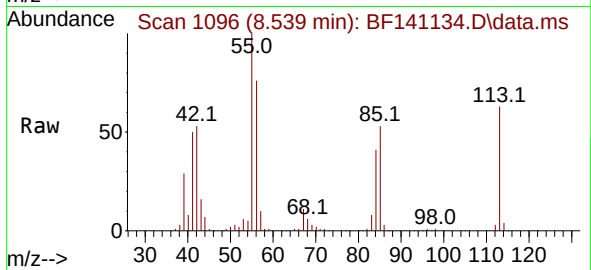
Tgt Ion:	113	Resp:	10855
Ion Ratio	Lower	Upper	
113	100		
55	159.9	139.7	179.7
56	121.7	99.4	139.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#36

4-Chloro-3-methylphenol

Concen: 39.678 ng

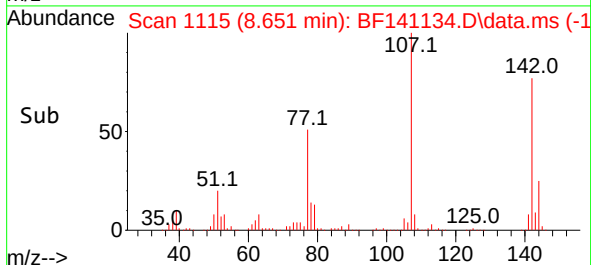
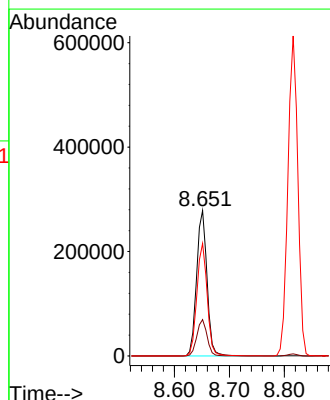
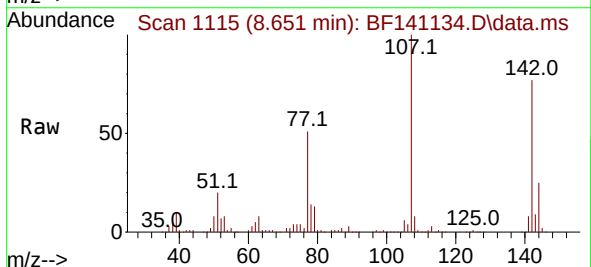
RT: 8.651 min Scan# 1115

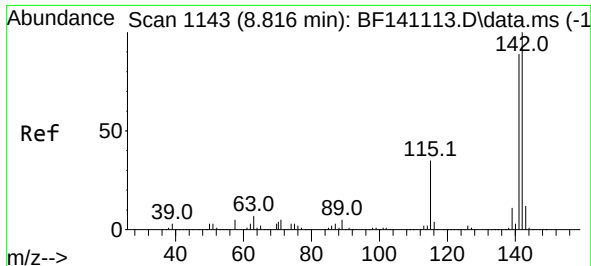
Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Tgt Ion:	107	Resp:	365875
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.4	30.6
142	77.4	62.2	93.2





#37
2-Methylnaphthalene
Concen: 38.794 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

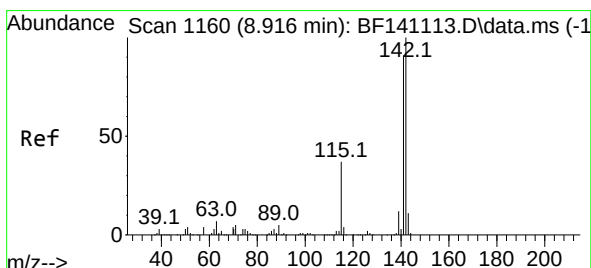
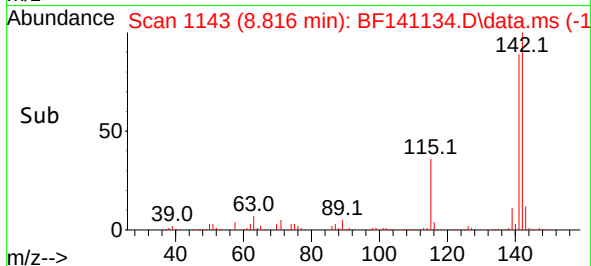
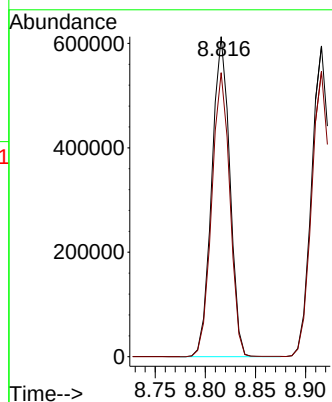
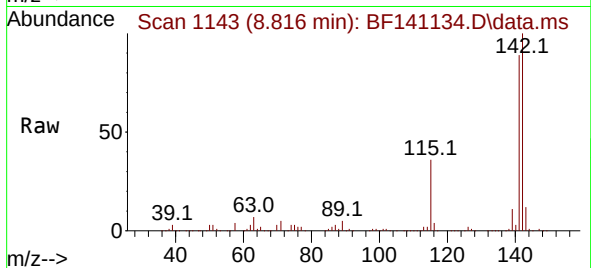
SSTDCCC040EC

Tgt Ion:142 Resp: 76718
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9

Manual Integrations

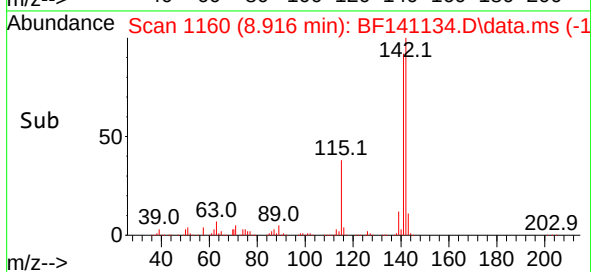
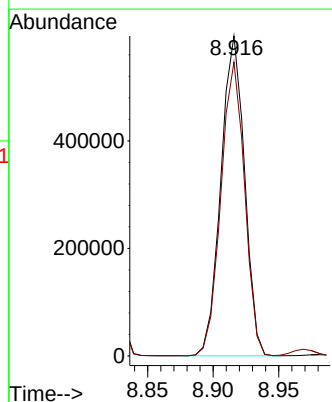
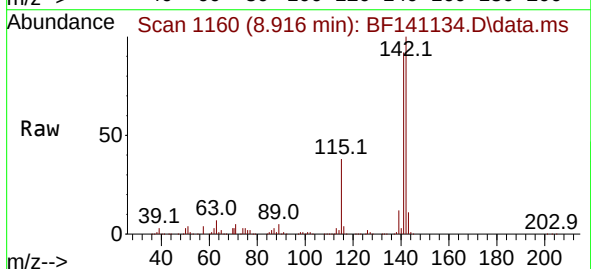
APPROVED

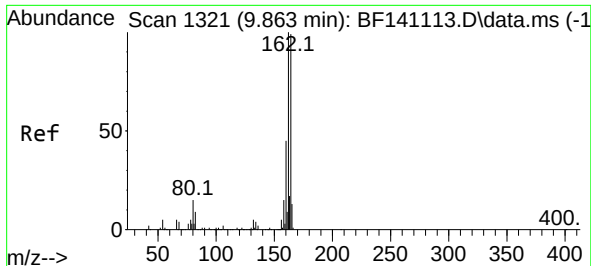
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#38
1-Methylnaphthalene
Concen: 38.265 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion:142 Resp: 745775
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7





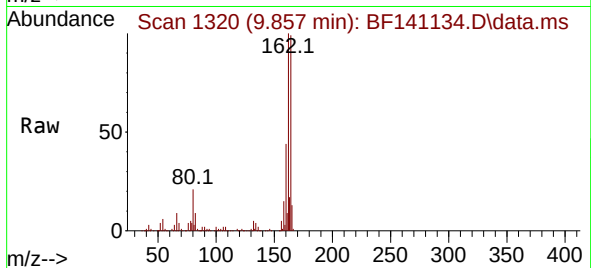
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



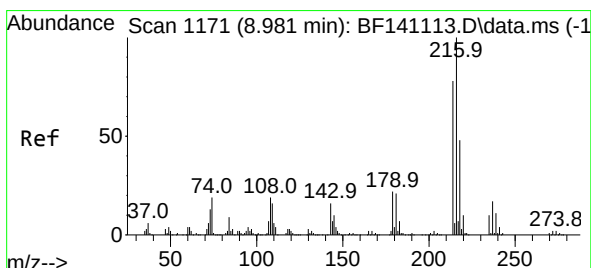
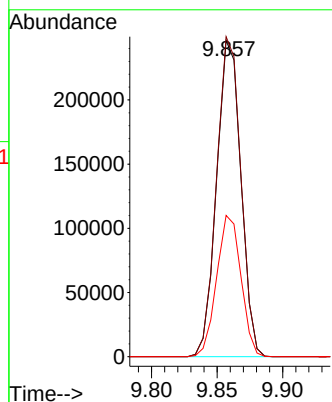
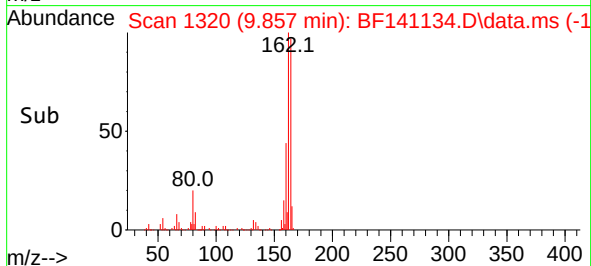
Tgt Ion:164 Resp: 31683
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.7 36.1 54.1

Manual Integrations

APPROVED

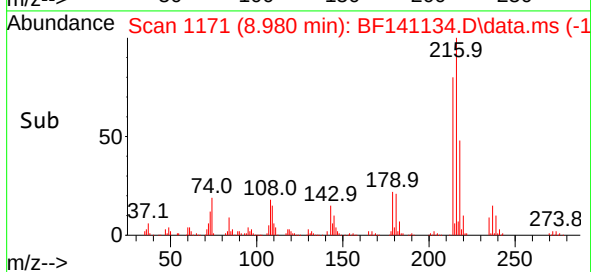
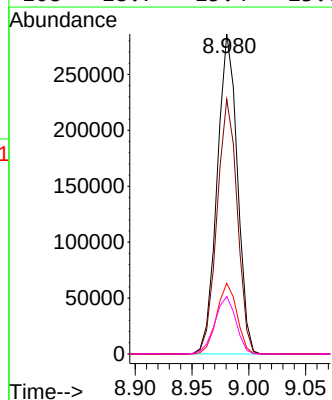
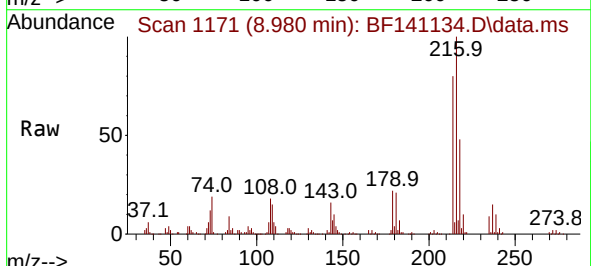
Reviewed By :Yogesh Patel 01/14/2025

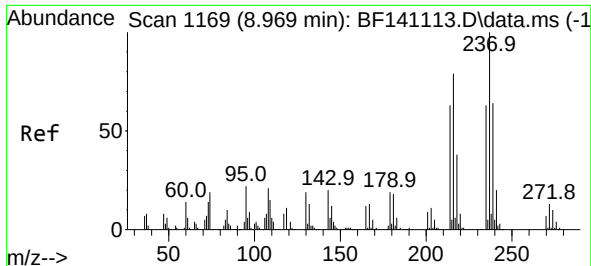
Supervised By :mohammad ahmed 01/14/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.941 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion:216 Resp: 354120
Ion Ratio Lower Upper
216 100
214 79.5 62.6 94.0
179 22.0 17.7 26.5
108 18.7 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 42.047 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

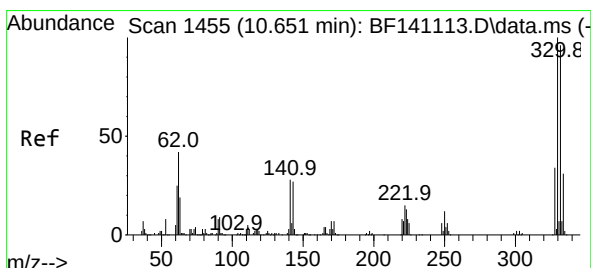
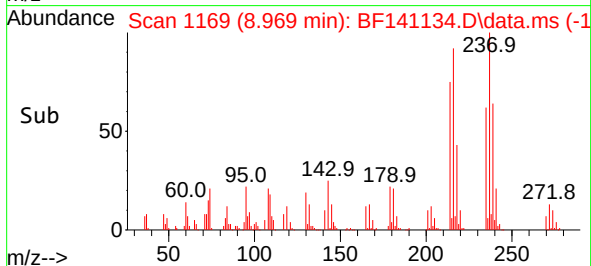
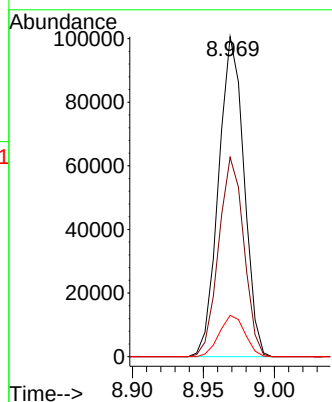
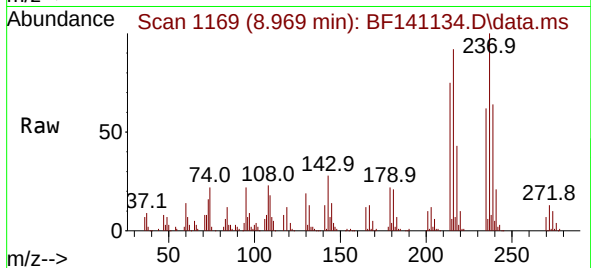
SSTDCCC040EC

Tgt Ion:237 Resp: 125098
Ion Ratio Lower Upper
237 100
235 62.3 43.0 83.0
272 12.9 0.0 33.0

Manual Integrations

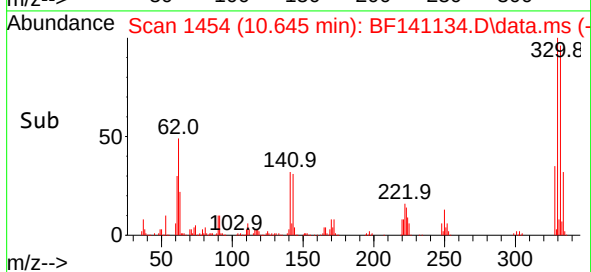
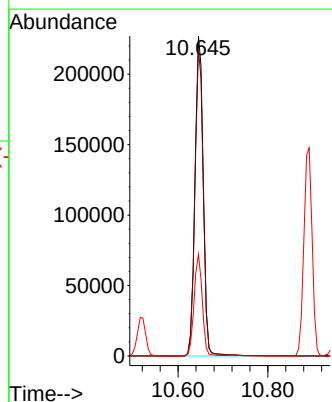
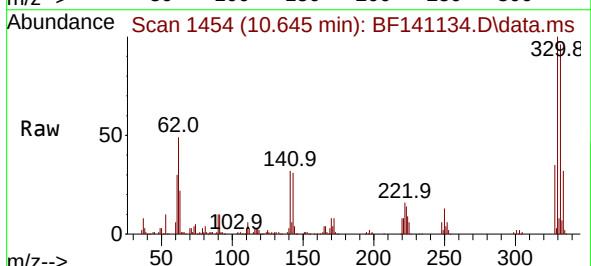
APPROVED

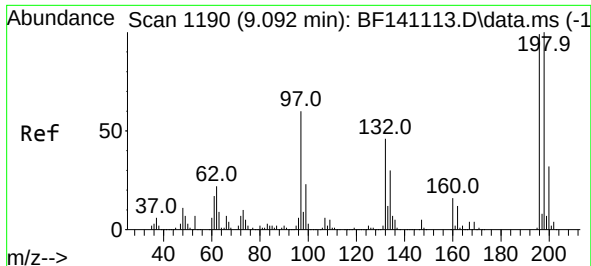
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#42
2,4,6-Tribromophenol
Concen: 80.841 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion:330 Resp: 291845
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 31.1 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 39.098 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141134.D

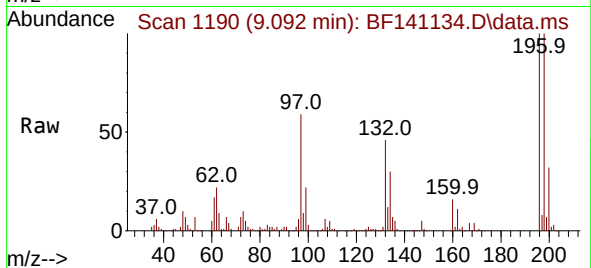
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:196 Resp: 239794

Ion Ratio Lower Upper

196 100

198 100.4 80.8 121.2

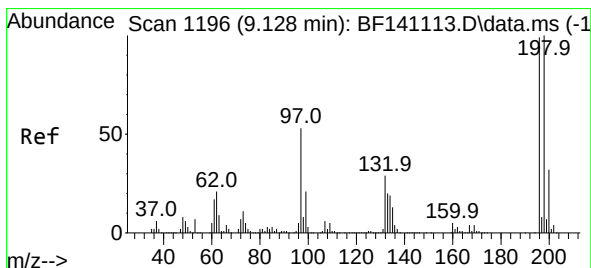
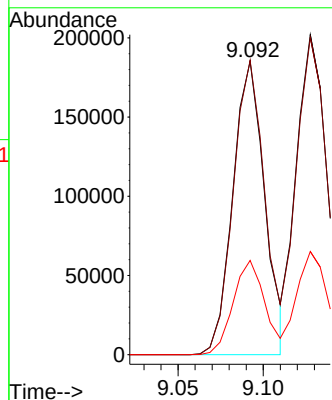
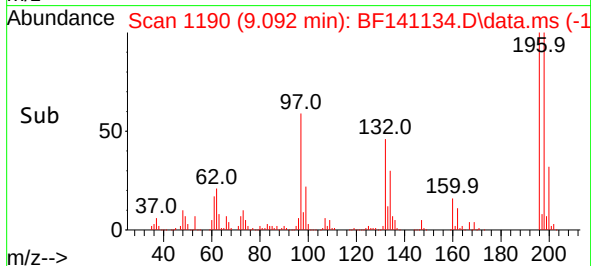
200 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#44

2,4,5-Trichlorophenol

Concen: 39.530 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Tgt Ion:196 Resp: 256052

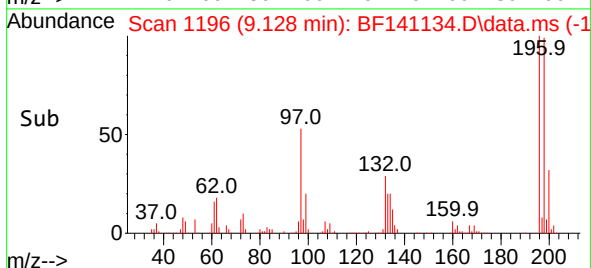
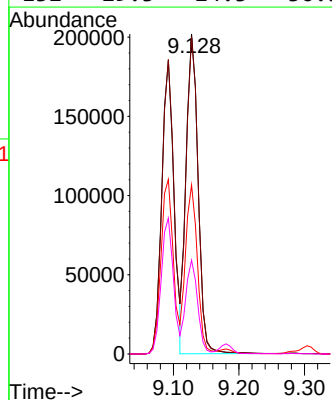
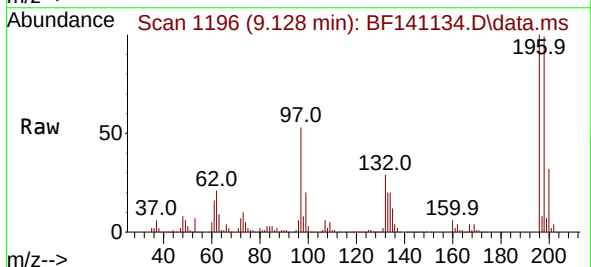
Ion Ratio Lower Upper

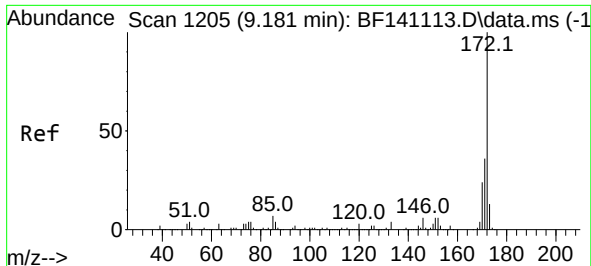
196 100

198 99.1 80.6 120.8

97 52.8 43.1 64.7

132 29.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 76.748 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 1592390

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

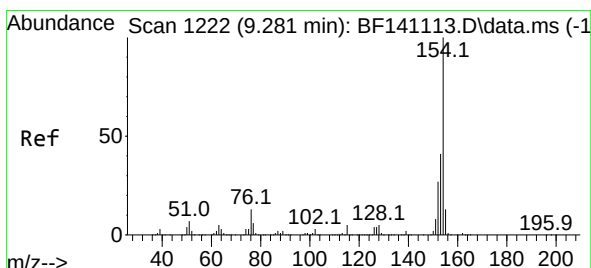
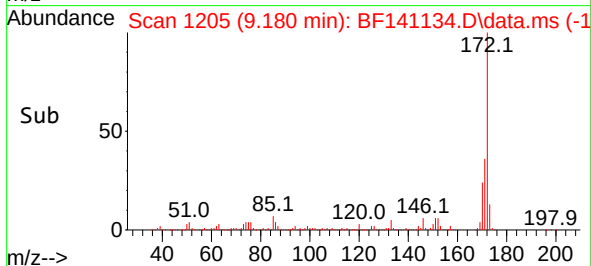
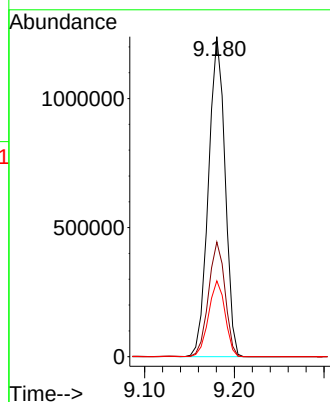
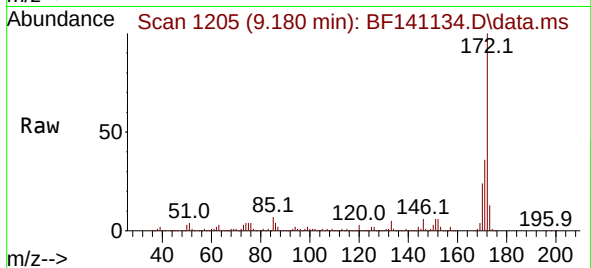
170 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#46

1,1'-Biphenyl

Concen: 38.234 ng

RT: 9.280 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

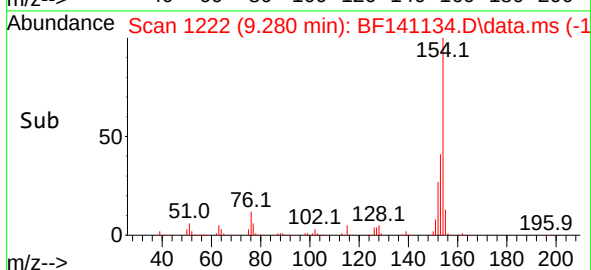
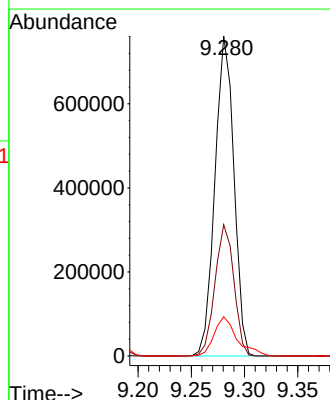
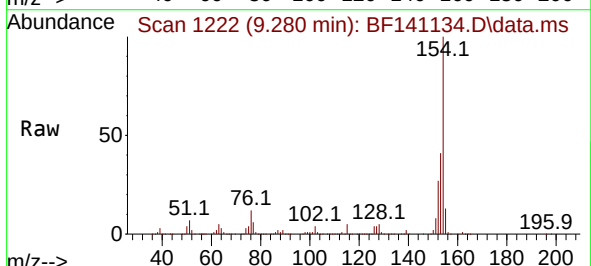
Tgt Ion:154 Resp: 940772

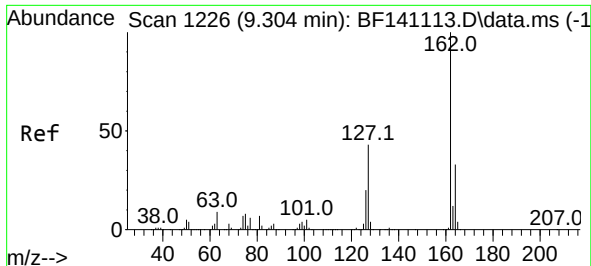
Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

76 12.3 0.0 33.1





#47

2-Chloronaphthalene

Concen: 38.521 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 738225

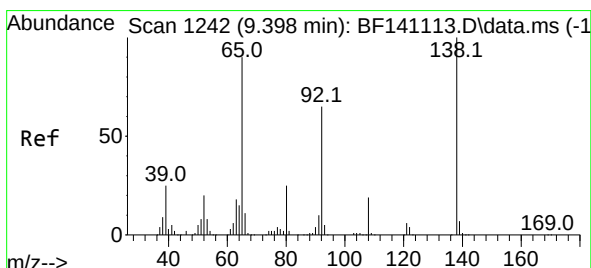
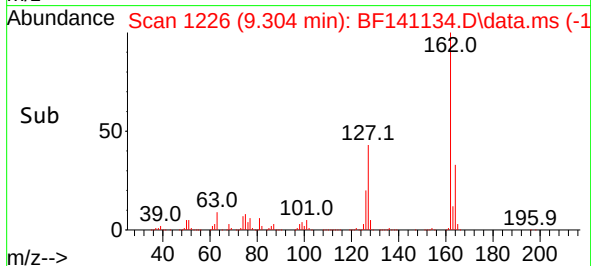
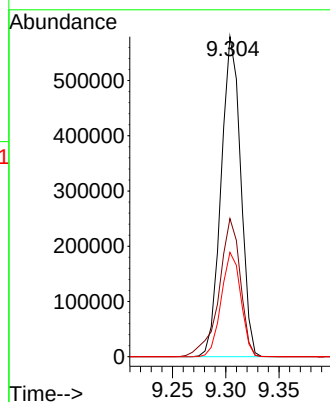
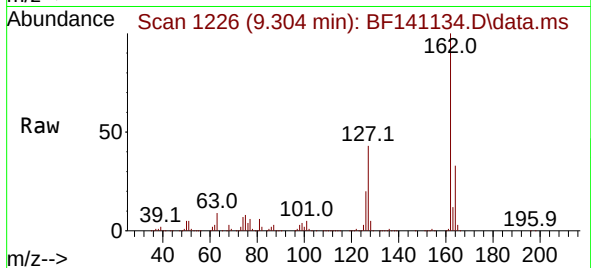
Ion	Ratio	Lower	Upper
162	100		
127	43.2	34.6	51.8
164	32.6	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#48

2-Nitroaniline

Concen: 39.234 ng

RT: 9.398 min Scan# 1242

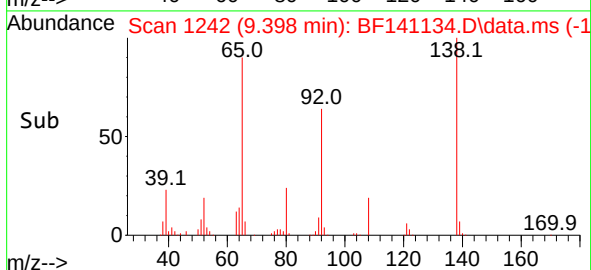
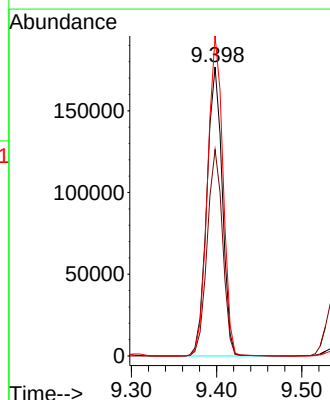
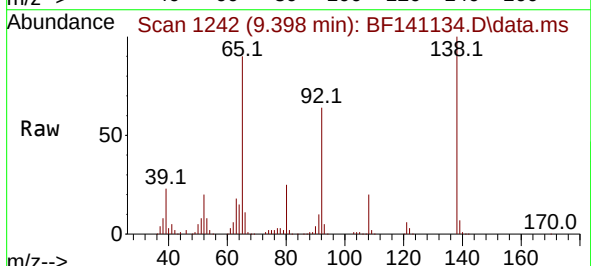
Delta R.T. -0.000 min

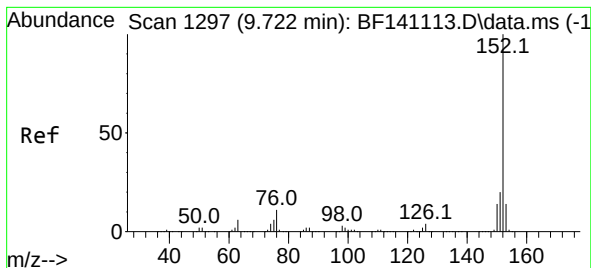
Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Tgt Ion: 65 Resp: 222886

Ion	Ratio	Lower	Upper
65	100		
92	71.4	58.3	87.5
138	110.8	89.1	133.7





#49

Acenaphthylene

Concen: 38.350 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF141134.D

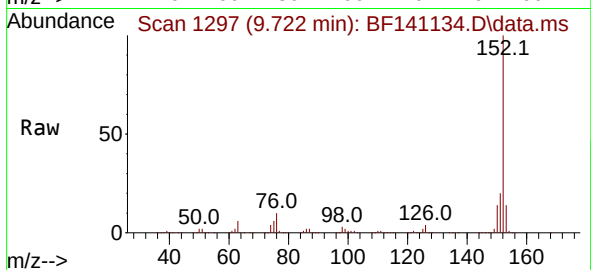
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:152 Resp: 105005

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

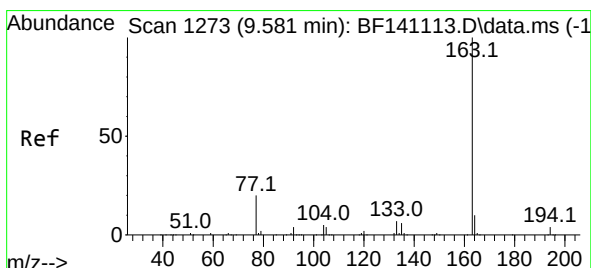
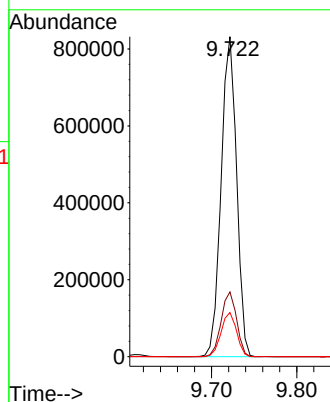
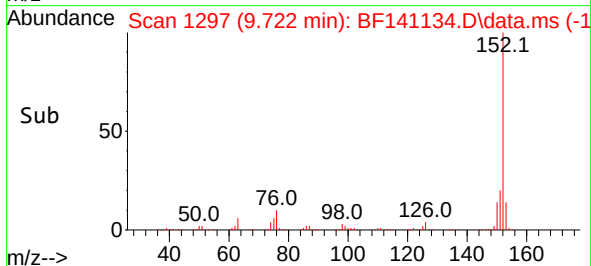
153 13.8 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#50

Dimethylphthalate

Concen: 38.957 ng

RT: 9.580 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

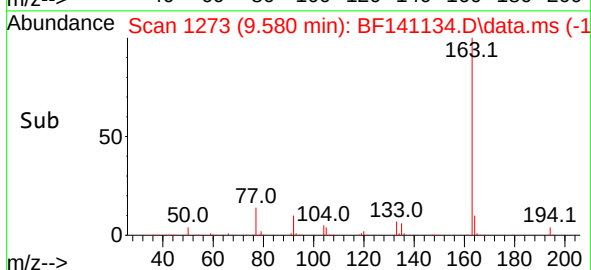
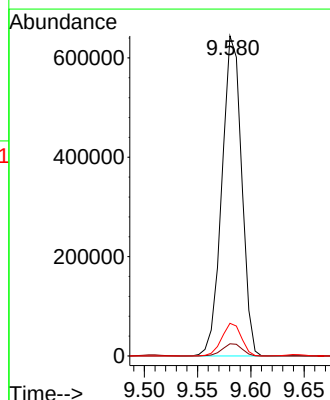
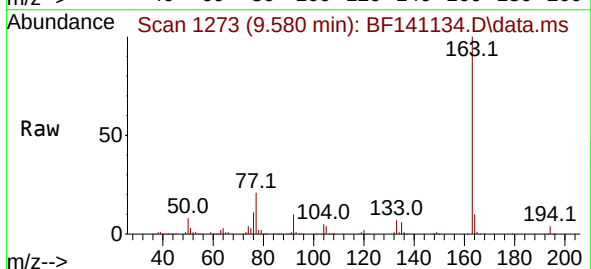
Tgt Ion:163 Resp: 828635

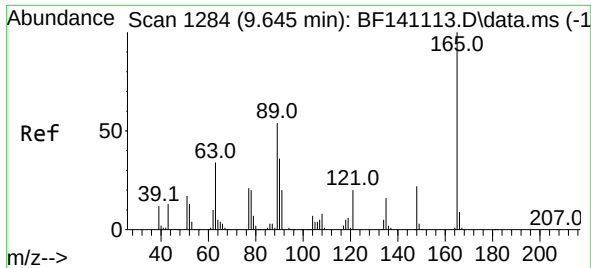
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

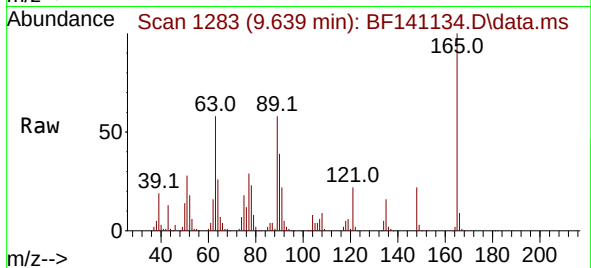
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 40.098 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

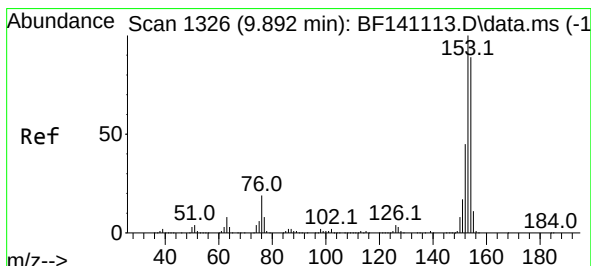
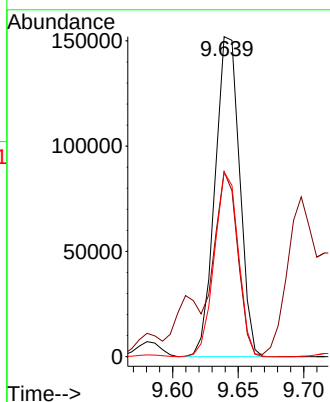
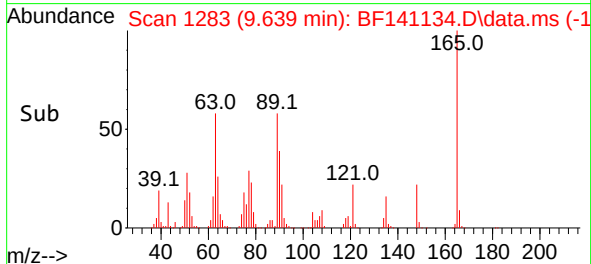
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



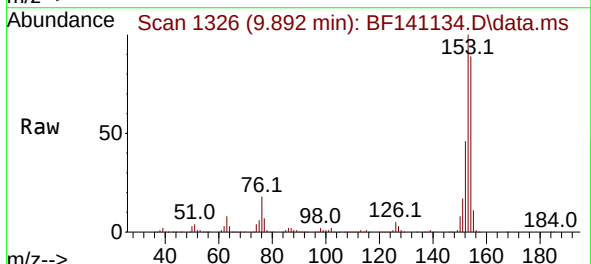
Tgt Ion:165 Resp: 198340
Ion Ratio Lower Upper
165 100
63 57.8 42.3 63.5
89 57.7 43.1 64.7

Manual Integrations
APPROVED

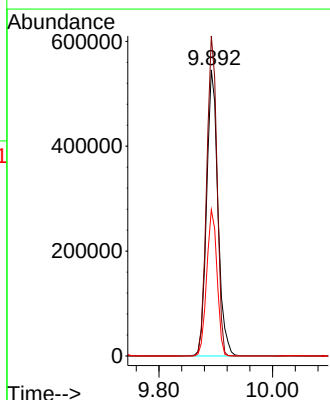
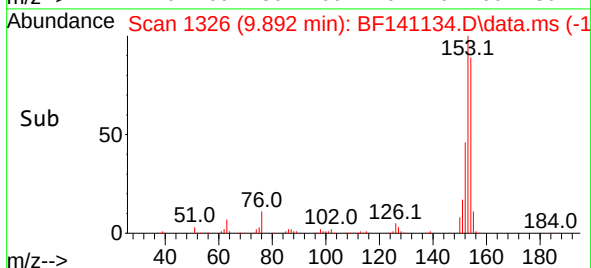
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

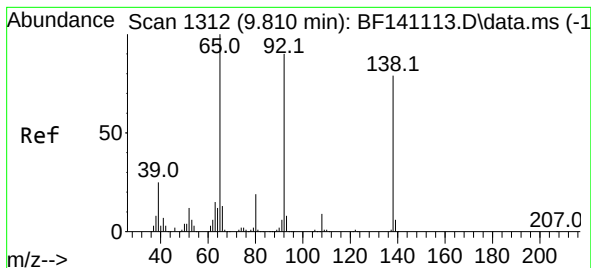


#52
Acenaphthene
Concen: 39.235 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



Tgt Ion:154 Resp: 750543
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 51.1 40.8 61.2





#53

3-Nitroaniline

Concen: 40.034 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:138 Resp: 201229

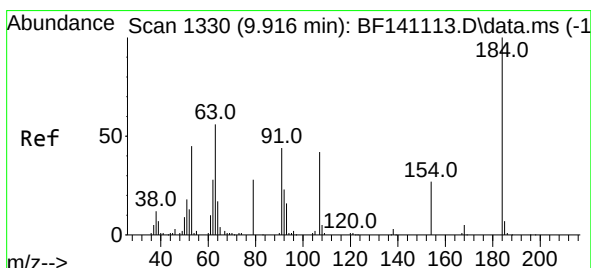
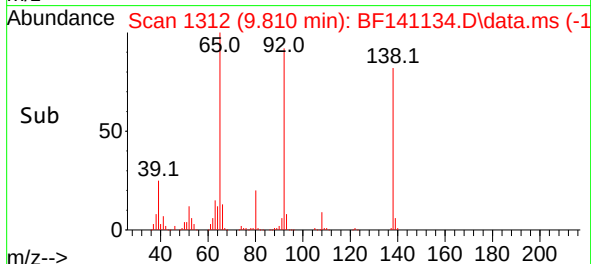
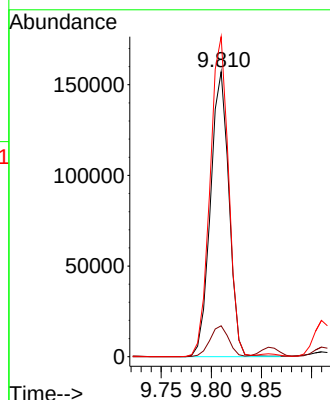
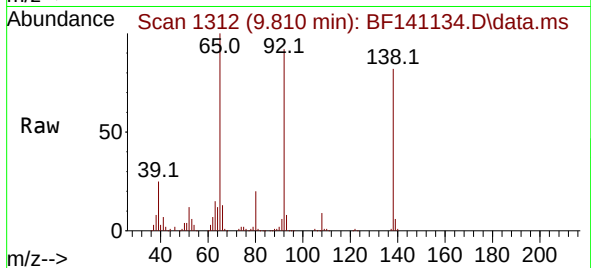
Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.8	13.2
92	112.3	91.3	136.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#54

2,4-Dinitrophenol

Concen: 40.653 ng

RT: 9.910 min Scan# 1329

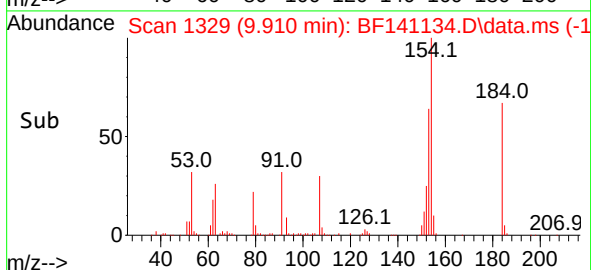
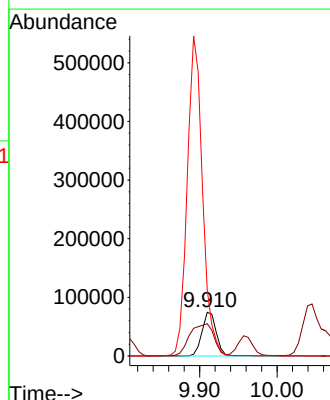
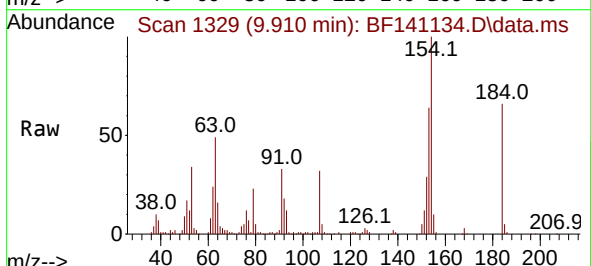
Delta R.T. -0.006 min

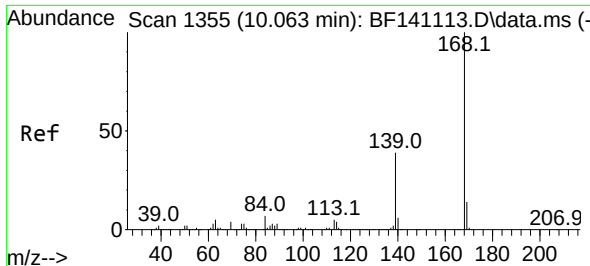
Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Tgt Ion:184 Resp: 95579

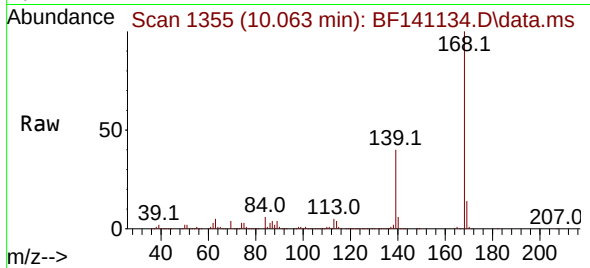
Ion	Ratio	Lower	Upper
184	100		
63	74.0	48.7	73.1#
154	150.6	57.1	85.7#





#55
Dibenzenofuran
Concen: 38.584 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

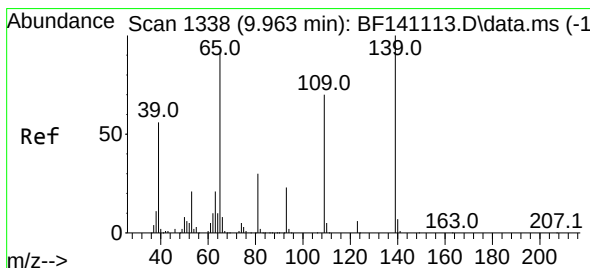
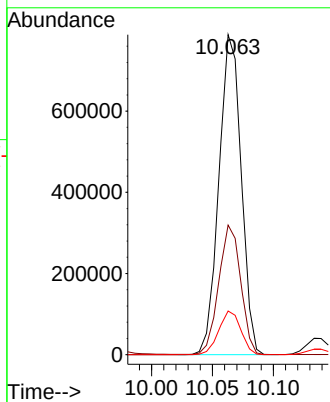
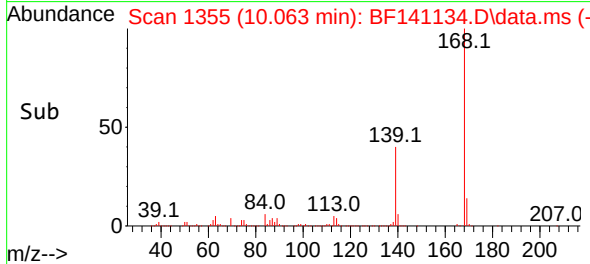
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 1003944
Ion Ratio Lower Upper
168 100
139 40.5 31.4 47.0
169 13.6 10.9 16.3

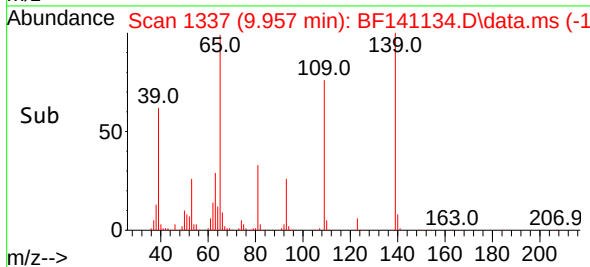
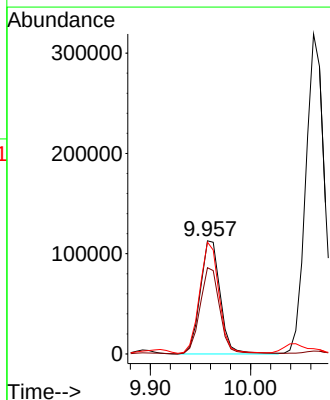
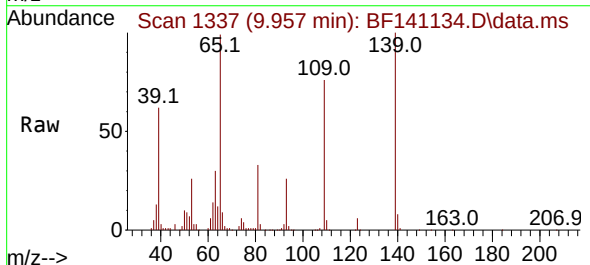
Manual Integrations
APPROVED

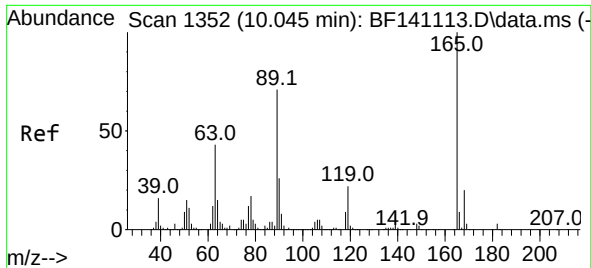
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#56
4-Nitrophenol
Concen: 39.880 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

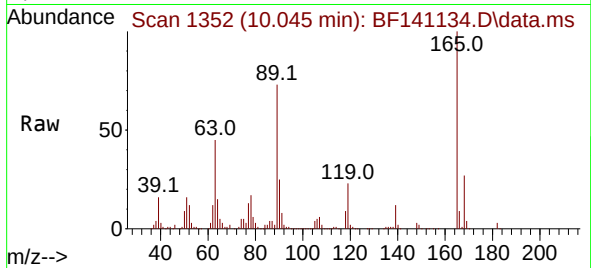
Tgt Ion:139 Resp: 156991
Ion Ratio Lower Upper
139 100
109 76.2 50.2 90.2
65 98.9 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 40.127 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

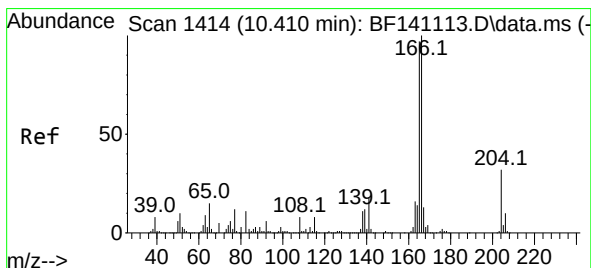
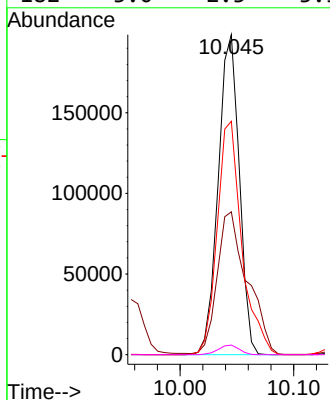
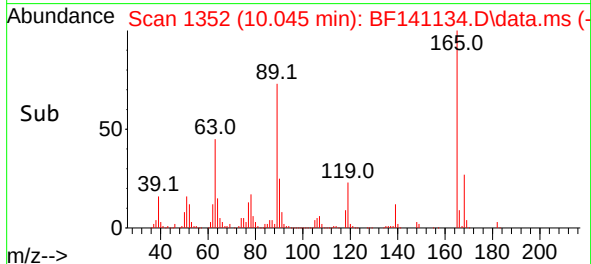
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



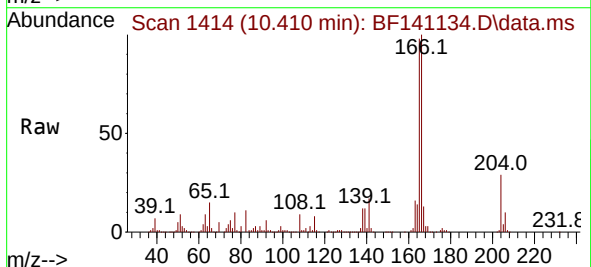
Tgt Ion:165 Resp: 25578
Ion Ratio Lower Upper
165 100
63 44.7 35.0 52.4
89 72.9 56.7 85.1
182 3.0 2.3 3.5

Manual Integrations
APPROVED

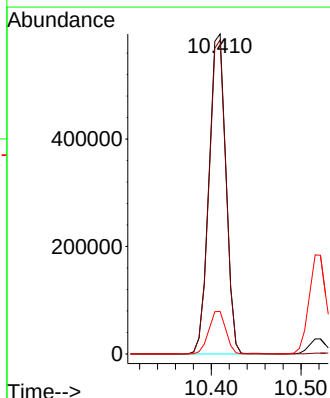
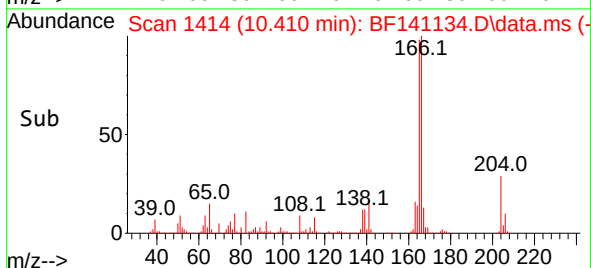
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

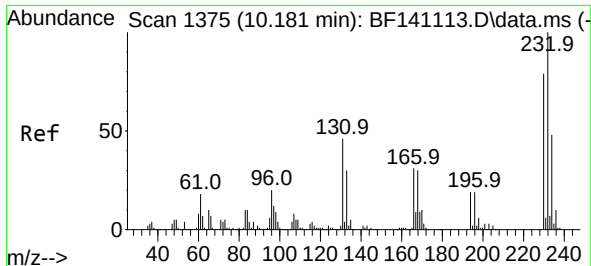


#58
Fluorene
Concen: 38.586 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



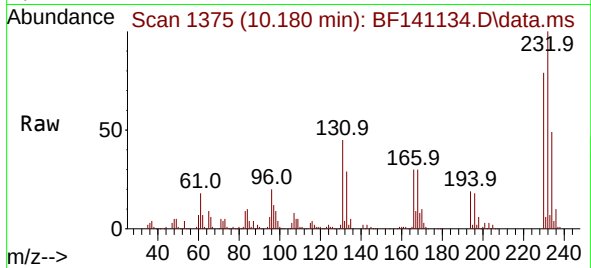
Tgt Ion:166 Resp: 780001
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.165 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

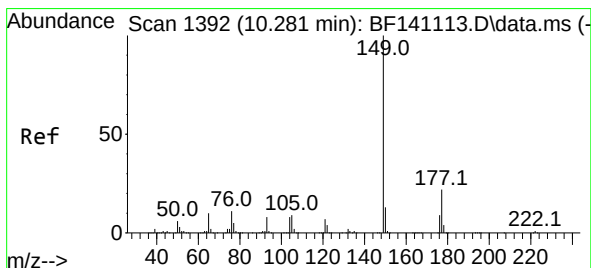
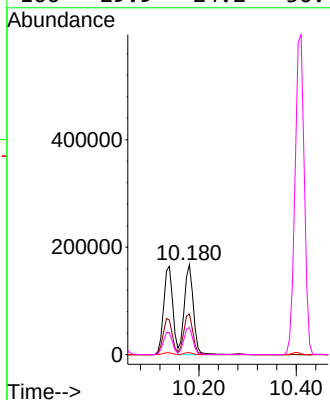
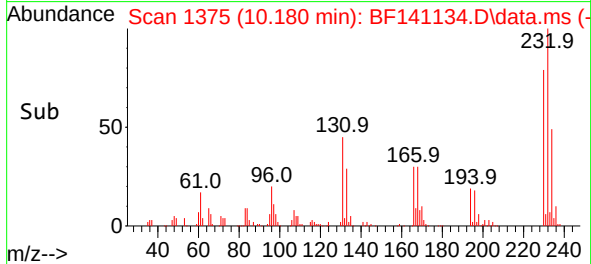
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



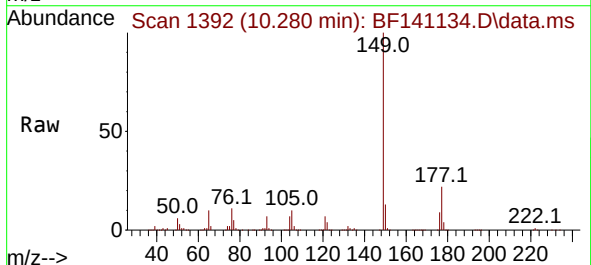
Tgt Ion:232 Resp: 21625
Ion Ratio Lower Upper
232 100
131 45.8 36.2 54.4
130 2.3 2.0 3.0
166 29.9 24.2 36.4

Manual Integrations
APPROVED

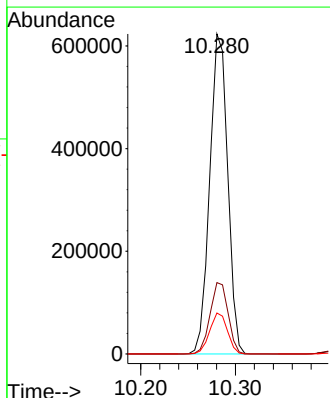
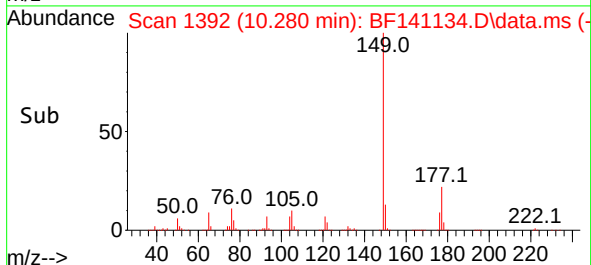
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

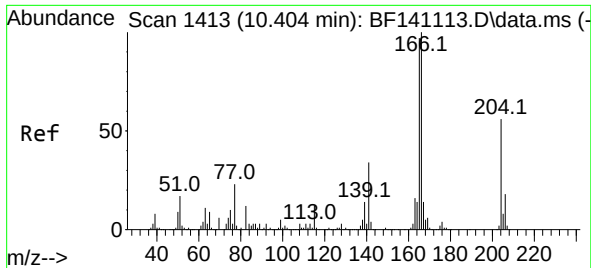


#60
Diethylphthalate
Concen: 39.457 ng
RT: 10.280 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



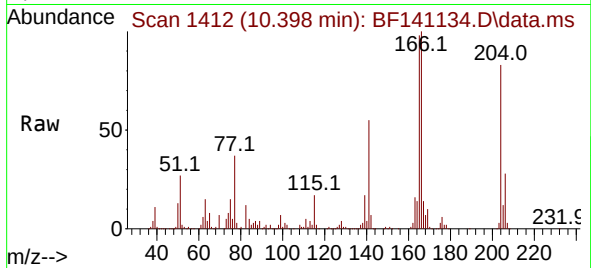
Tgt Ion:149 Resp: 819340
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.514 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

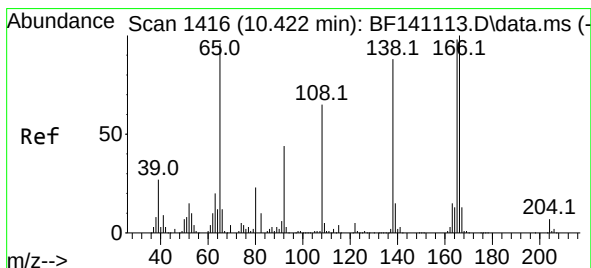
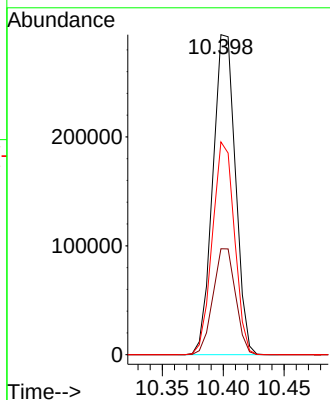
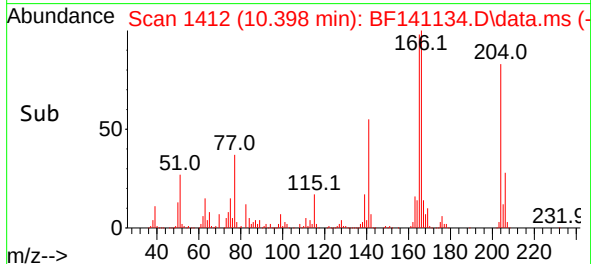
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



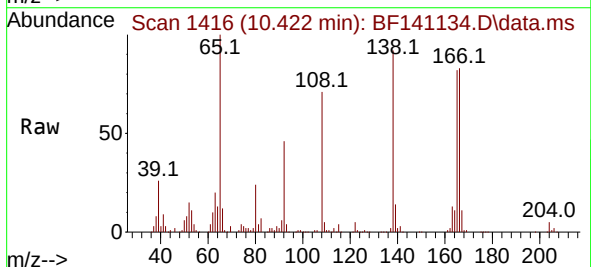
Tgt Ion:204 Resp: 37945
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 66.5 49.1 73.7

Manual Integrations
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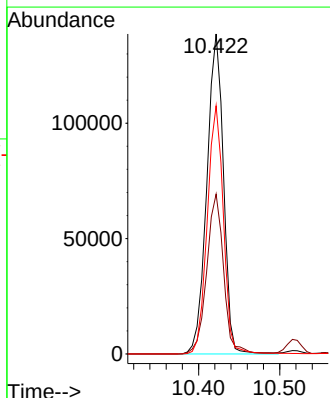
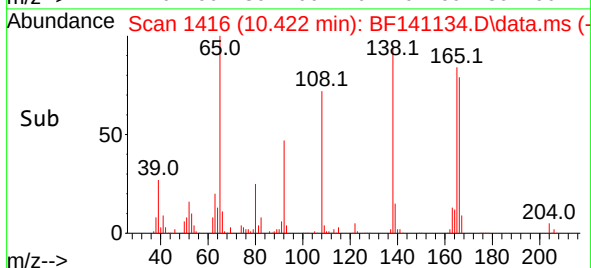
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

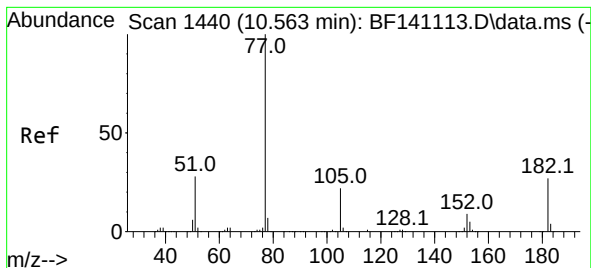


#62
4-Nitroaniline
Concen: 40.065 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



Tgt Ion:138 Resp: 197107
Ion Ratio Lower Upper
138 100
92 50.0 29.4 69.4
108 77.5 53.7 93.7





#63

Azobenzene

Concen: 38.168 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

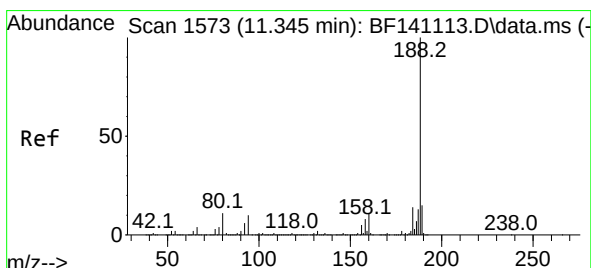
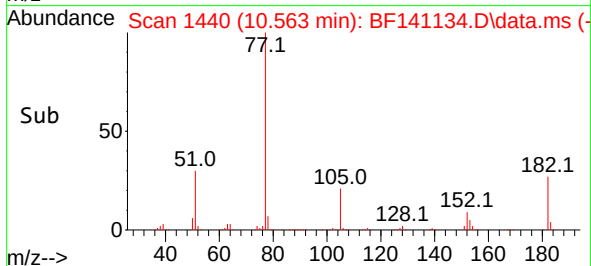
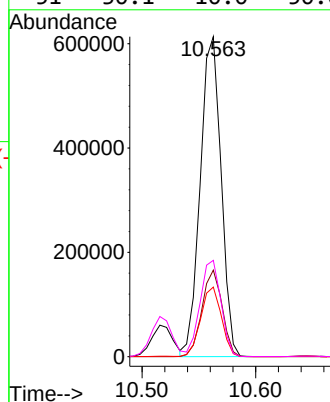
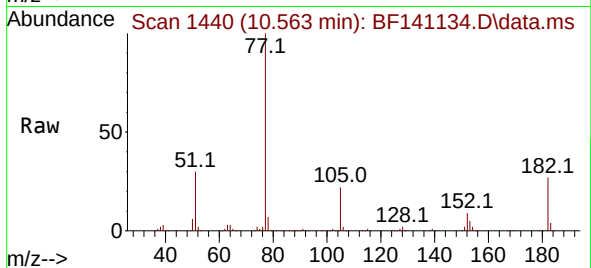
Tgt Ion: 77	Resp: 782054
Ion Ratio	Lower Upper
77 100	
182 27.0	6.1 46.1
105 21.8	2.1 42.1
51 30.1	10.0 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

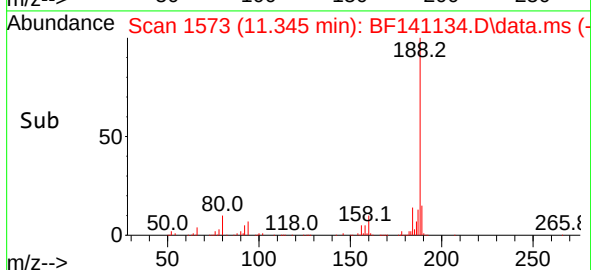
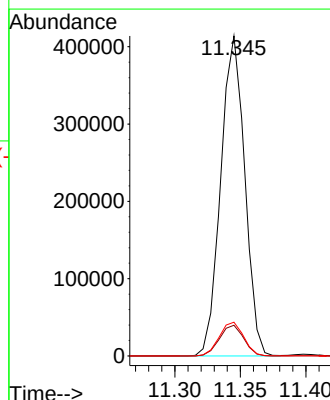
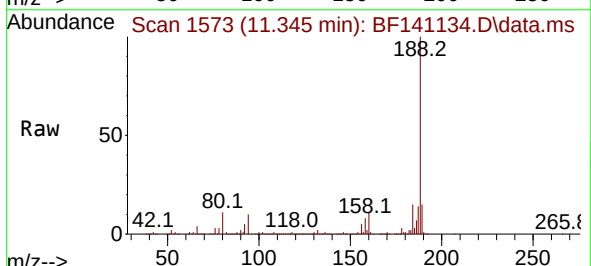
RT: 11.345 min Scan# 1573

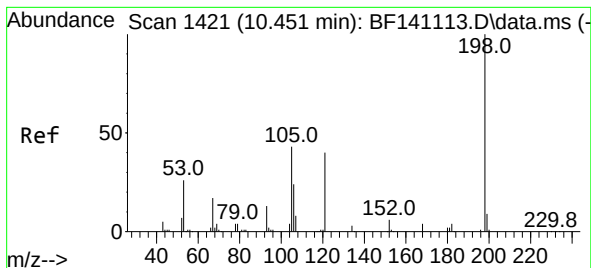
Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Tgt Ion:188	Resp: 526913
Ion Ratio	Lower Upper
188 100	
94 9.6	8.3 12.5
80 10.6	9.0 13.4





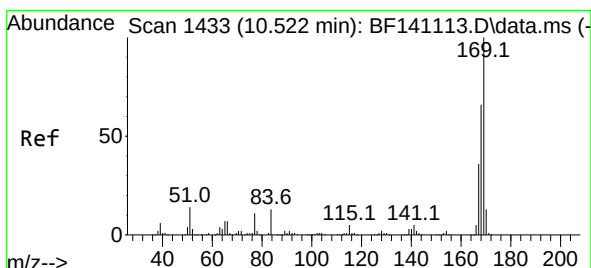
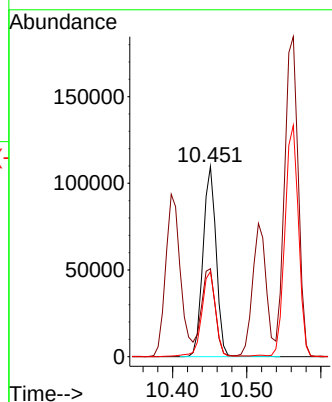
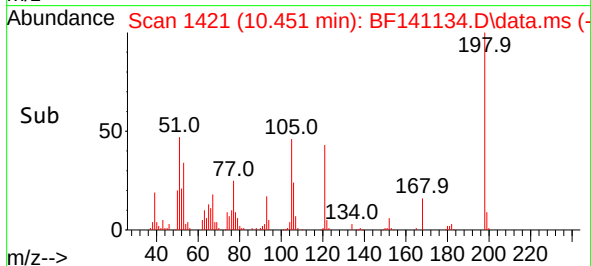
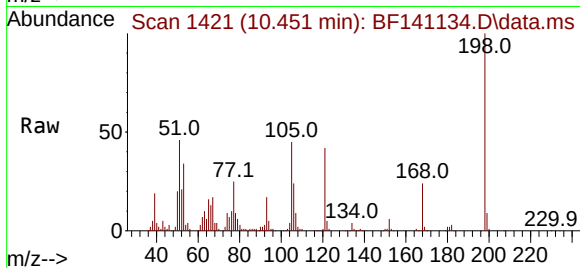
#65
4,6-Dinitro-2-methylphenol
Concen: 44.271 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 135172
Ion Ratio Lower Upper
198 100
51 46.2 27.1 67.1
105 44.8 24.2 64.2

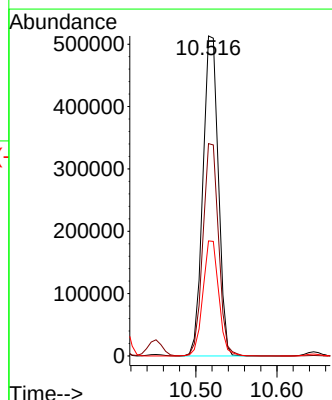
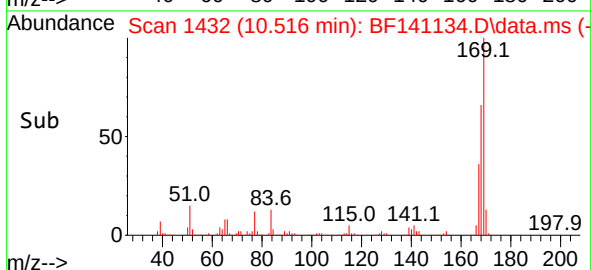
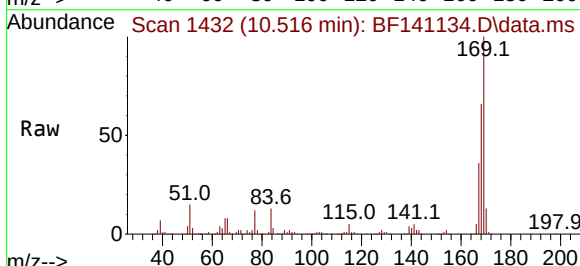
Manual Integrations
APPROVED

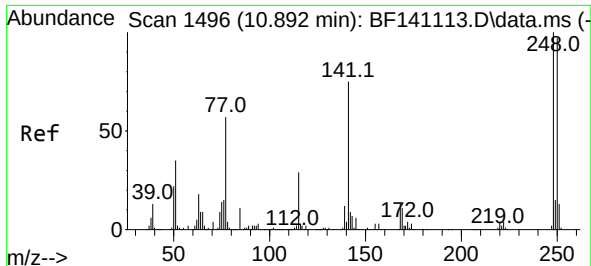
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#66
n-Nitrosodiphenylamine
Concen: 39.771 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion:169 Resp: 675920
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 35.9 28.9 43.3





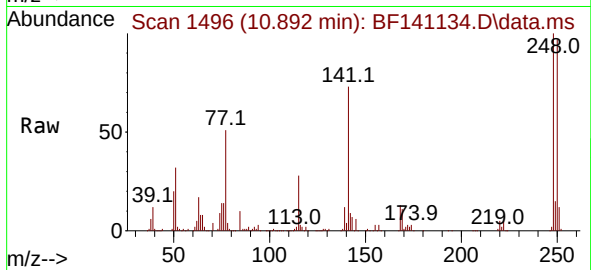
#67
4-Bromophenyl-phenylether
Concen: 41.000 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

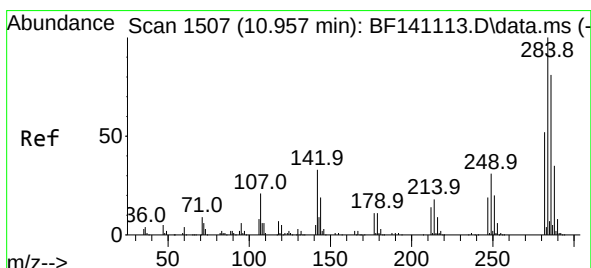
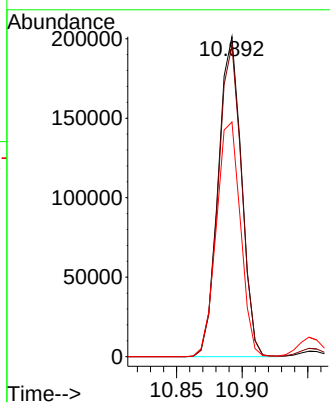
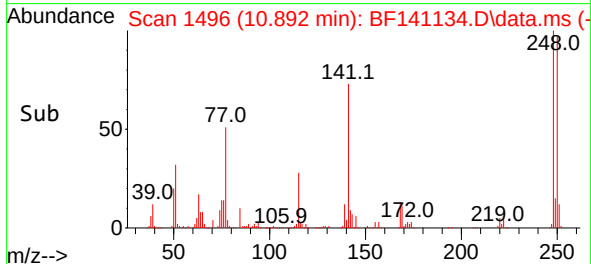


Tgt Ion:248 Resp: 248719
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 73.4 59.9 89.9

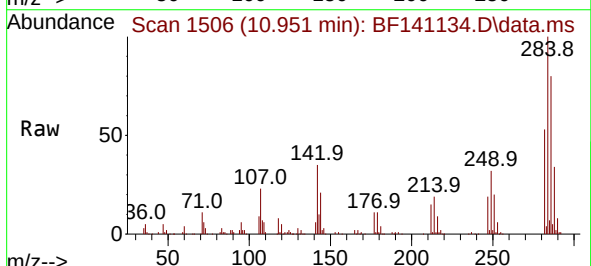
Manual Integrations

APPROVED

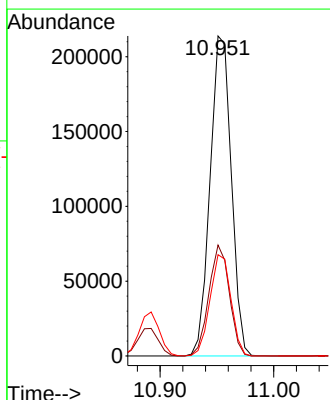
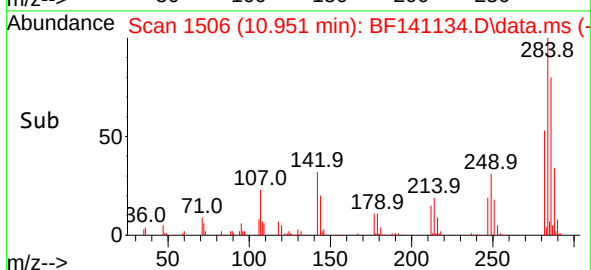
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

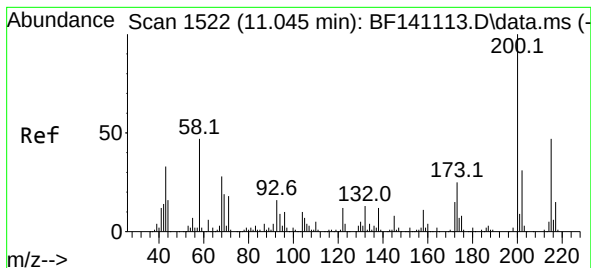


#68
Hexachlorobenzene
Concen: 41.115 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



Tgt Ion:284 Resp: 277648
Ion Ratio Lower Upper
284 100
142 34.6 26.3 39.5
249 31.7 24.9 37.3





#69

Atrazine

Concen: 34.494 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 157849

Ion Ratio Lower Upper

200 100

173 25.7 5.4 45.4

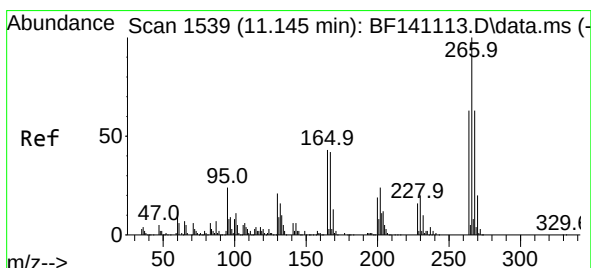
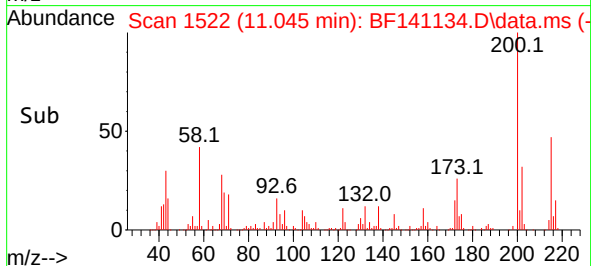
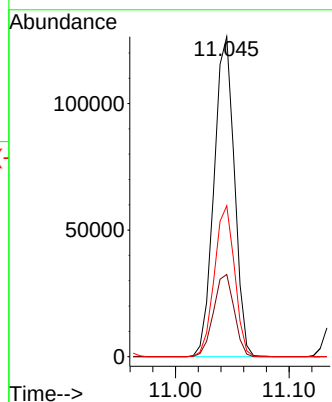
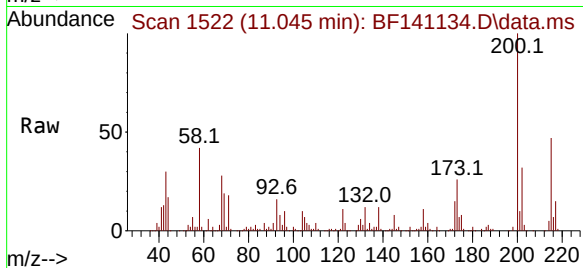
215 47.1 26.6 66.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#70

Pentachlorophenol

Concen: 42.416 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

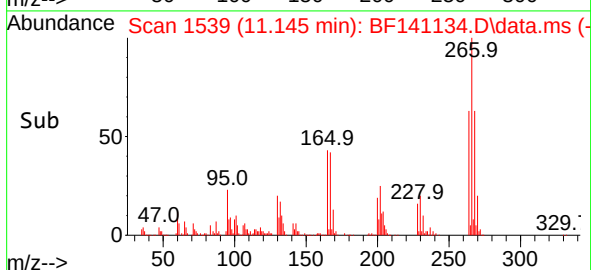
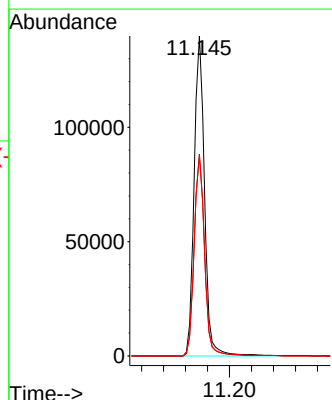
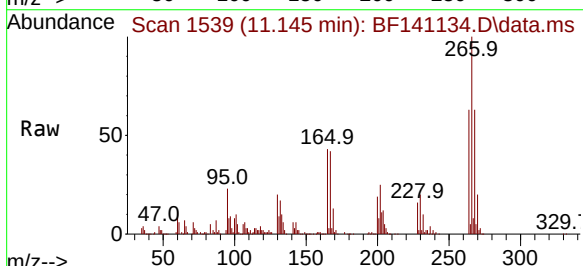
Tgt Ion:266 Resp: 183435

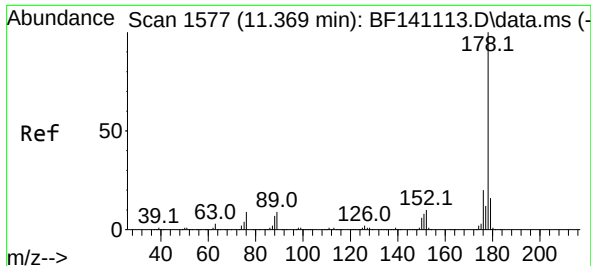
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

264 62.8 50.2 75.2





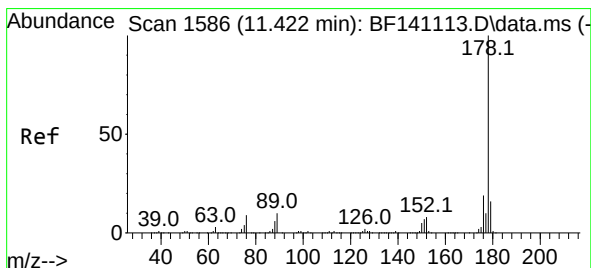
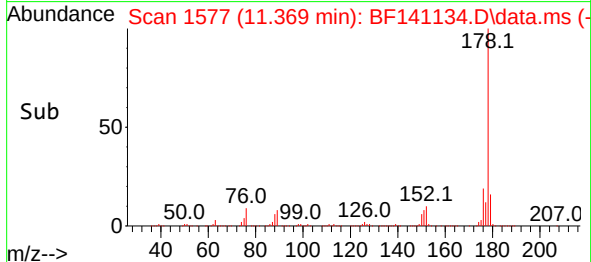
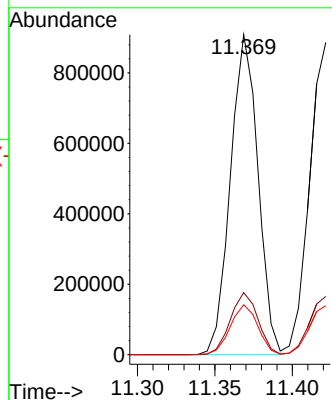
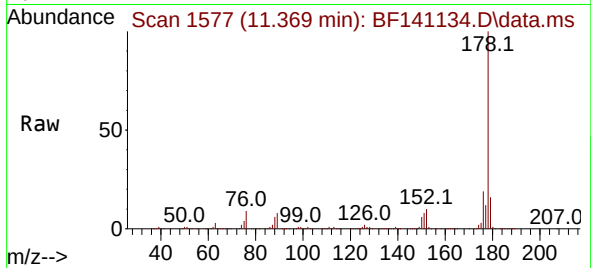
#71
Phenanthrene
Concen: 39.747 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 112438
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.6 12.6 19.0

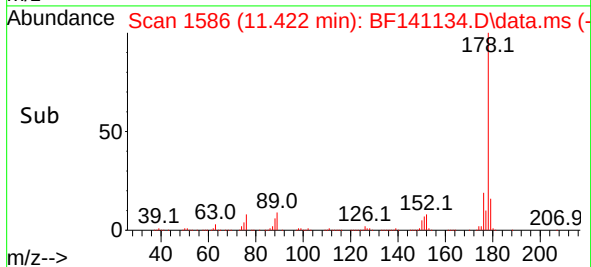
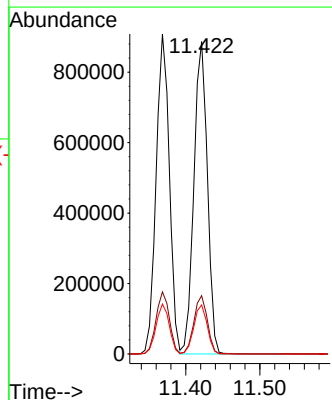
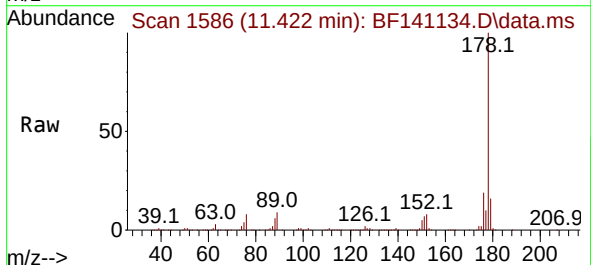
Manual Integrations
APPROVED

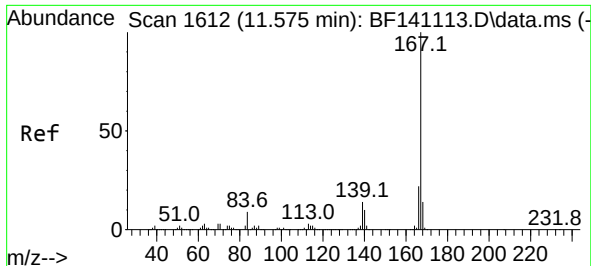
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#72
Anthracene
Concen: 40.606 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF1411134.D
Acq: 13 Jan 2025 18:48

Tgt Ion:178 Resp: 1116904
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.7 12.6 19.0





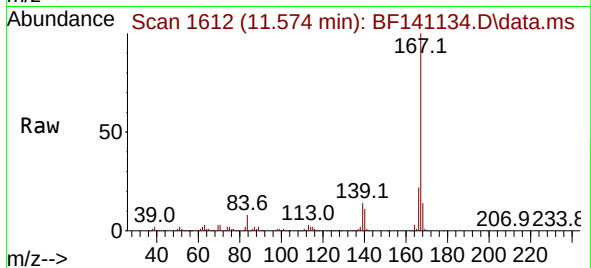
#73
 Carbazole
 Concen: 40.363 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF1411134.D
 Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



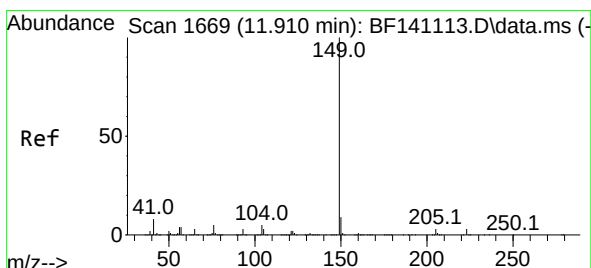
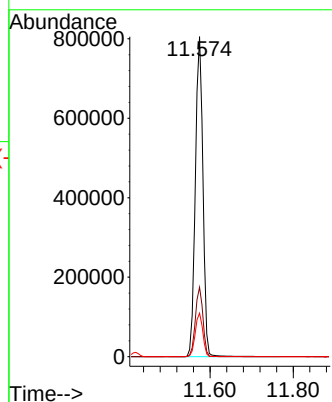
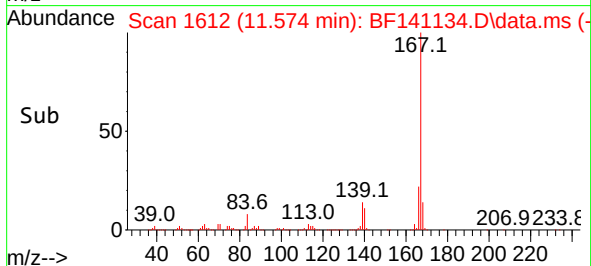
Tgt Ion:167 Resp: 101801
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.6 10.9 16.3

Manual Integrations

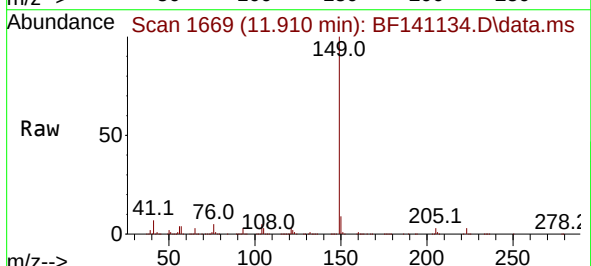
APPROVED

Reviewed By :Yogesh Patel 01/14/2025

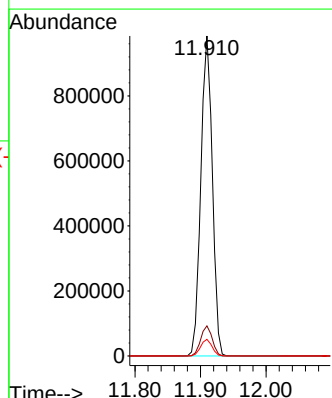
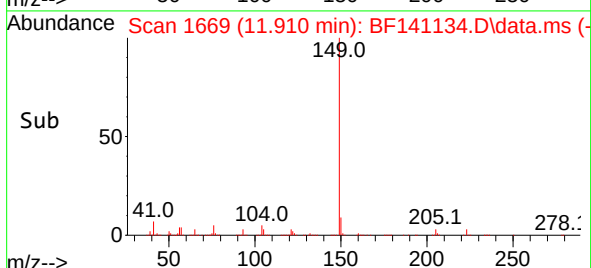
Supervised By :mohammad ahmed 01/14/2025

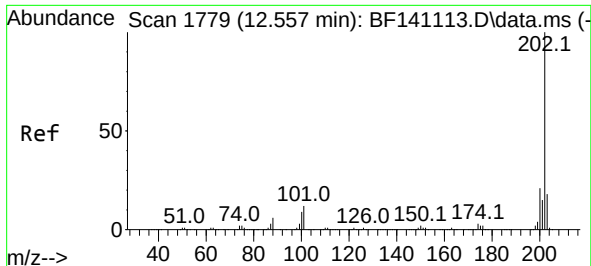


#74
 Di-n-butylphthalate
 Concen: 41.630 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF1411134.D
 Acq: 13 Jan 2025 18:48



Tgt Ion:149 Resp: 1201594
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 40.866 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

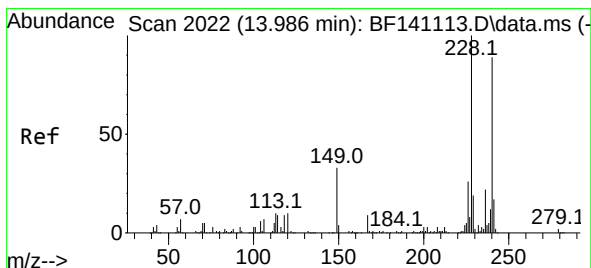
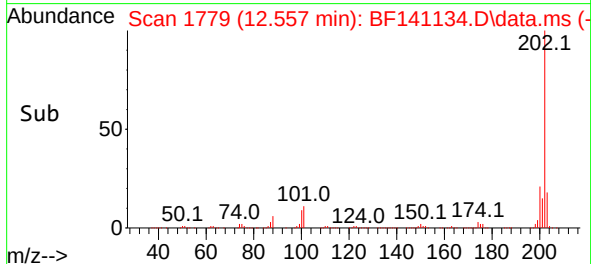
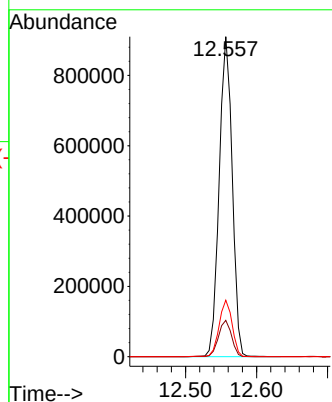
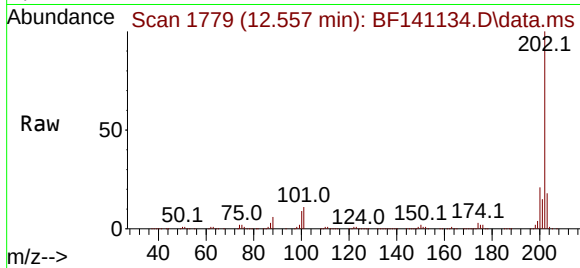
SSTDCCC040EC

Tgt Ion:202 Resp: 115361
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.3
203 17.6 0.0 37.7

Manual Integrations

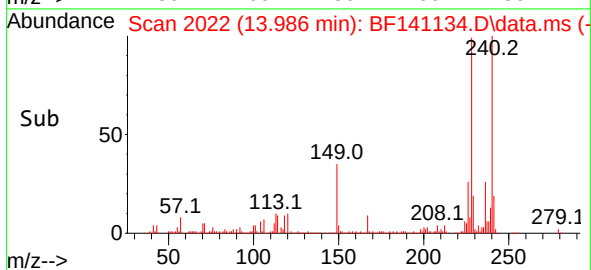
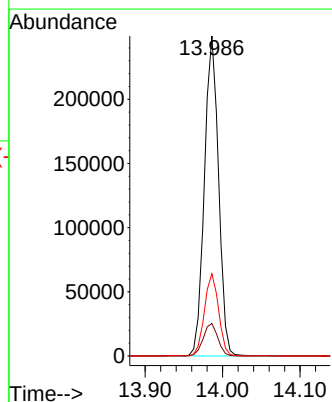
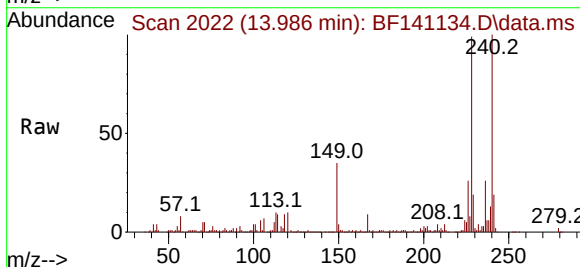
APPROVED

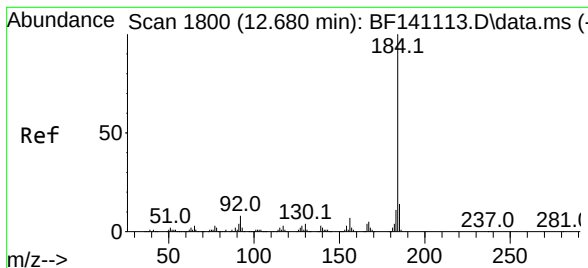
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

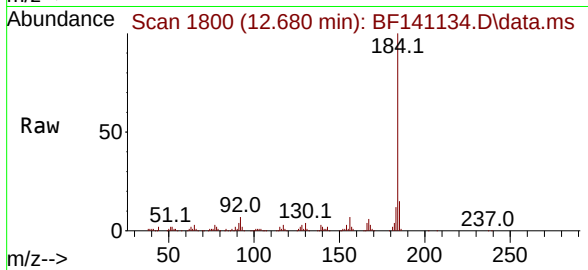
Tgt Ion:240 Resp: 316123
Ion Ratio Lower Upper
240 100
120 10.2 9.1 13.7
236 25.7 19.8 29.6





#77
Benzidine
Concen: 27.776 ng m
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

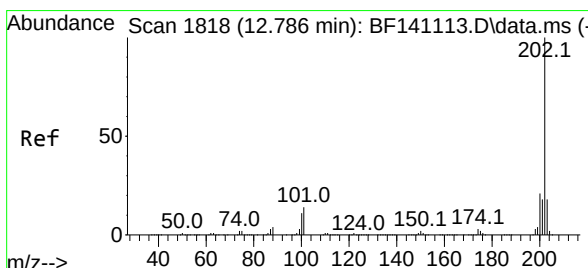
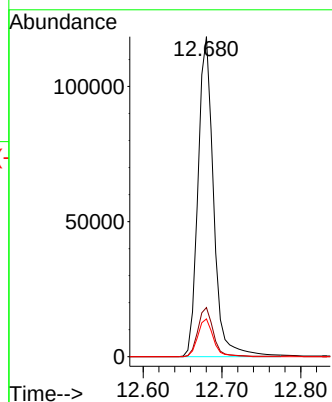
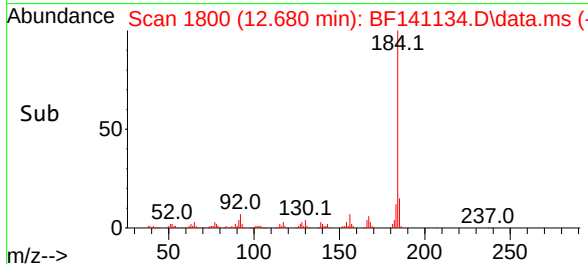
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



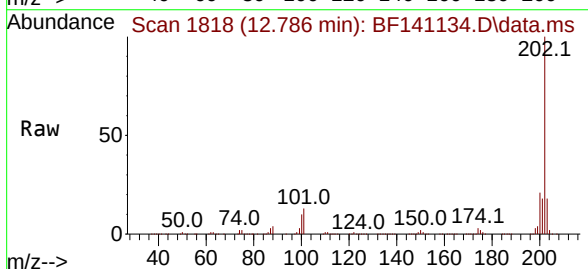
Tgt Ion:184 Resp: 162834
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.0
183 11.8 9.2 13.8

Manual Integrations
APPROVED

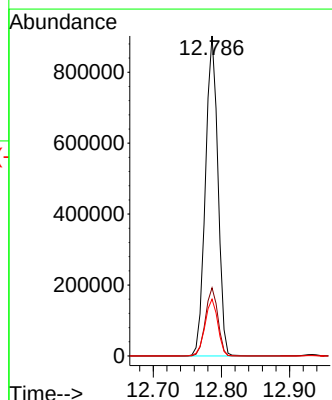
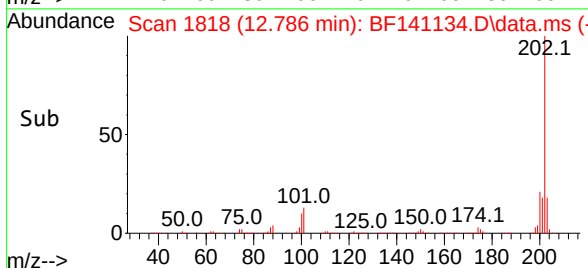
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

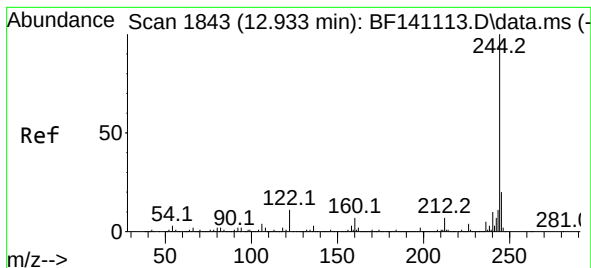


#78
Pyrene
Concen: 38.038 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



Tgt Ion:202 Resp: 1148499
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.8 14.3 21.5





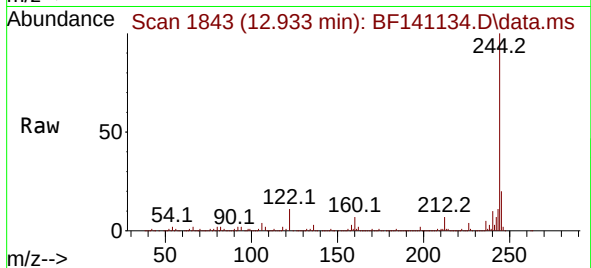
#79
 Terphenyl-d14
 Concen: 78.014 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141134.D
 Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

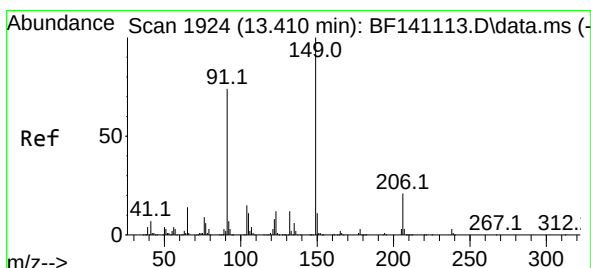
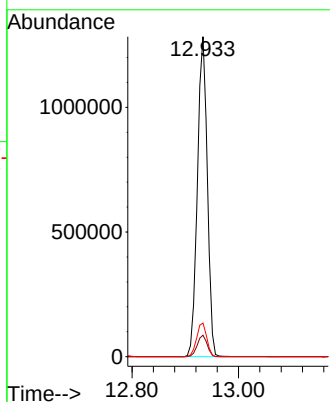
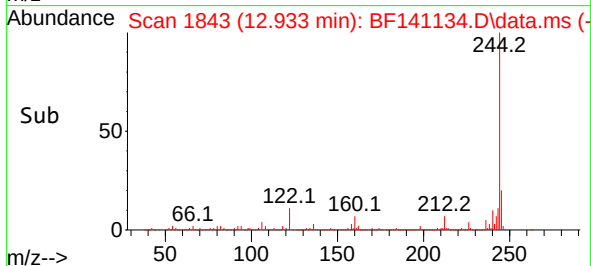


Tgt Ion:244 Resp: 1659292
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.5 8.8 13.2

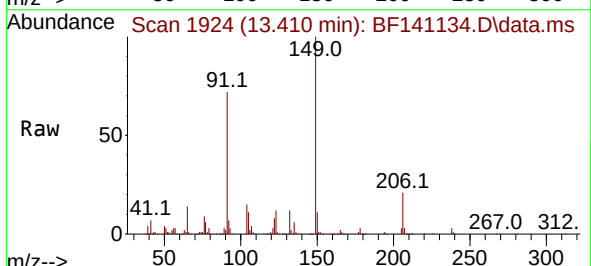
Manual Integrations

APPROVED

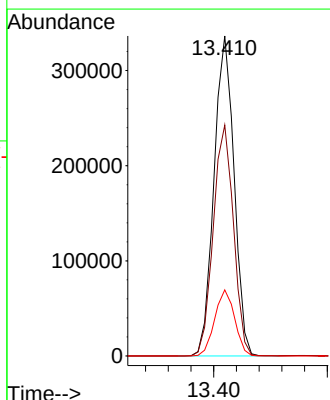
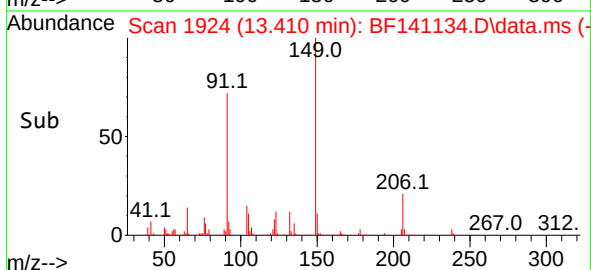
Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025

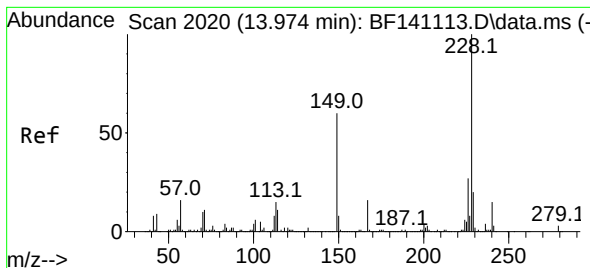


#80
 Butylbenzylphthalate
 Concen: 41.001 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF141134.D
 Acq: 13 Jan 2025 18:48



Tgt Ion:149 Resp: 412751
 Ion Ratio Lower Upper
 149 100
 91 72.2 59.0 88.6
 206 20.6 16.5 24.7





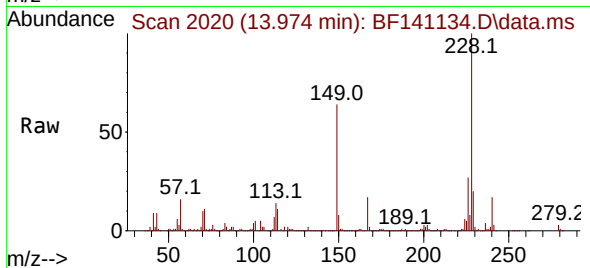
#81
Benzo(a)anthracene
Concen: 37.022 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

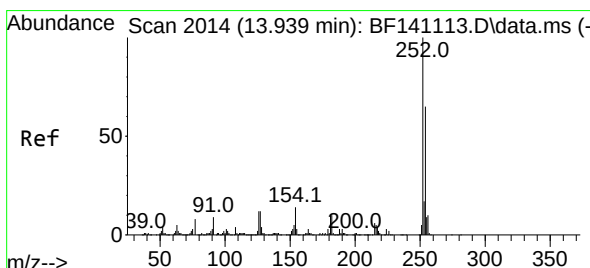
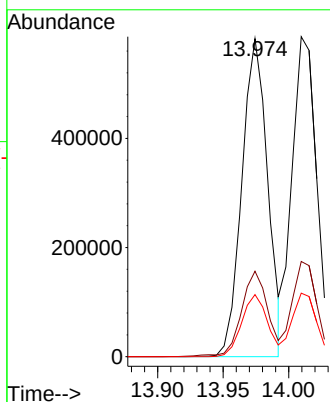
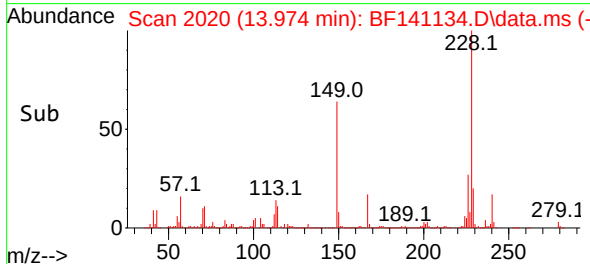


Tgt Ion:228 Resp: 796494
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.5 15.7 23.5

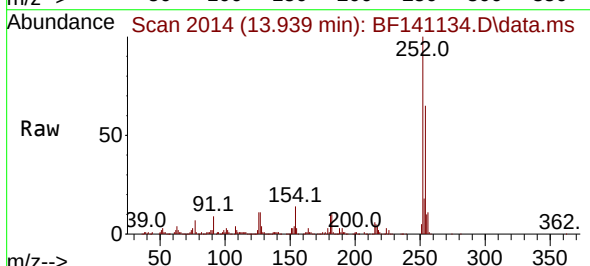
Manual Integrations

APPROVED

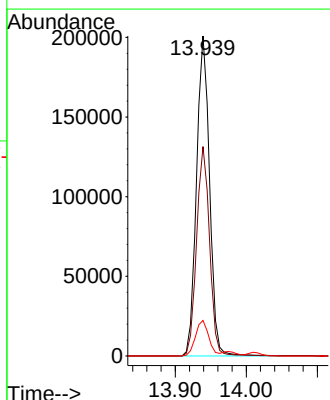
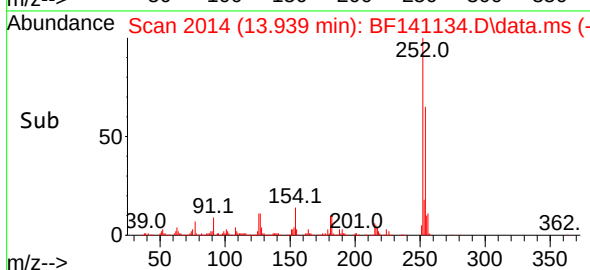
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

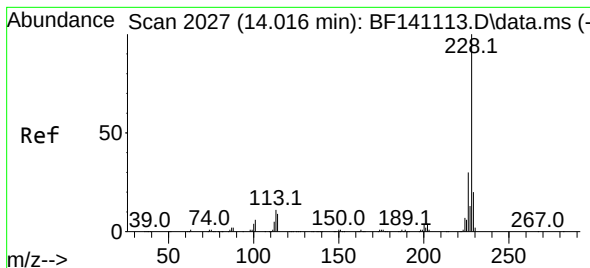


#82
3,3'-Dichlorobenzidine
Concen: 37.575 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48



Tgt Ion:252 Resp: 257404
Ion Ratio Lower Upper
252 100
254 65.4 52.0 78.0
126 11.1 9.4 14.0





#83

Chrysene

Concen: 37.879 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 76252

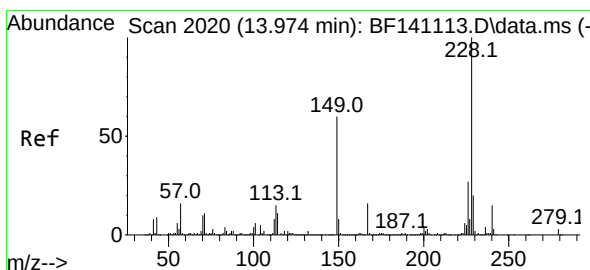
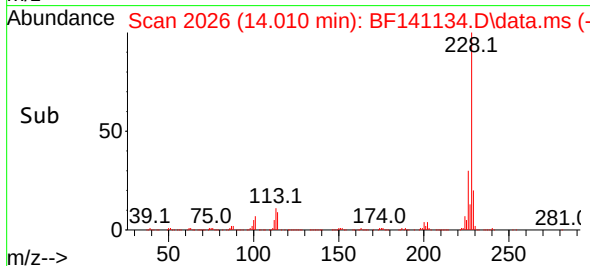
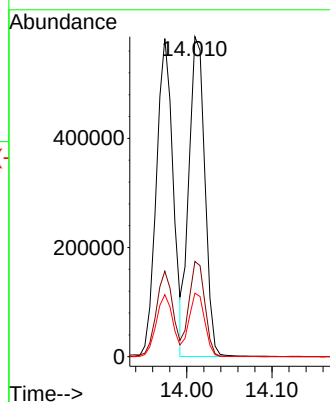
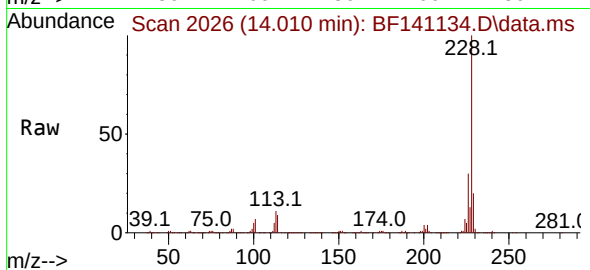
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.9	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.408 ng

RT: 13.974 min Scan# 2020

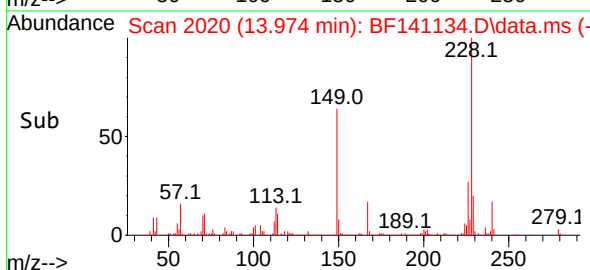
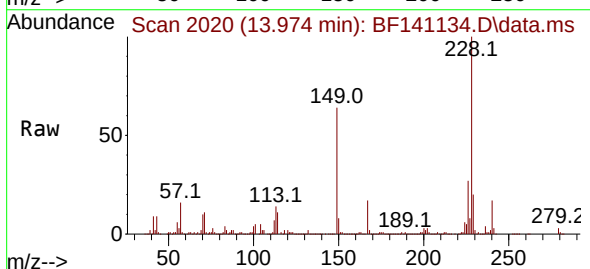
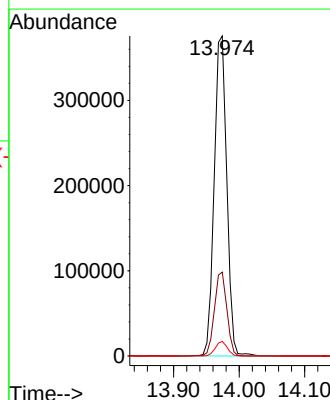
Delta R.T. -0.000 min

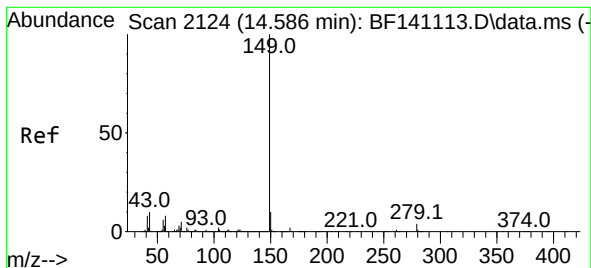
Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Tgt Ion:149 Resp: 500154

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.4	32.2
279	4.5	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 38.896 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 709458

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

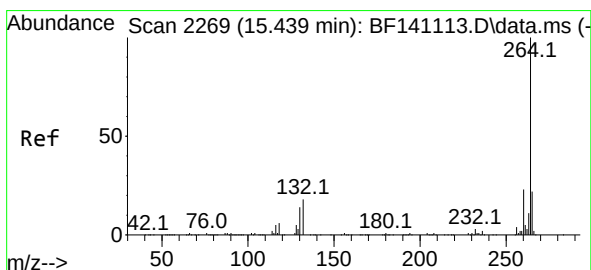
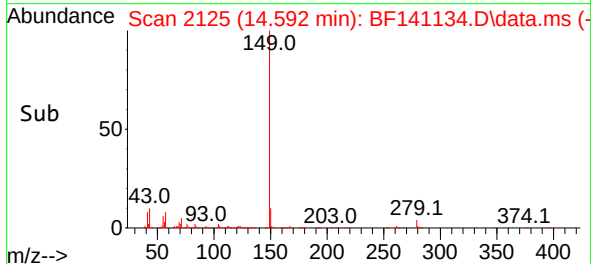
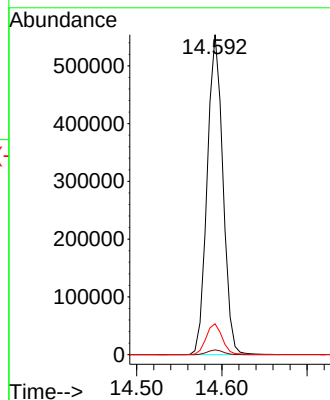
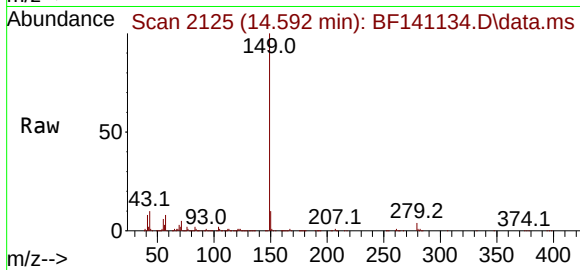
43 10.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

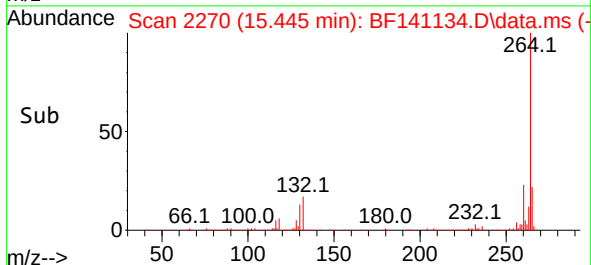
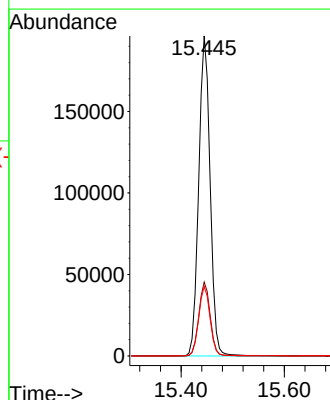
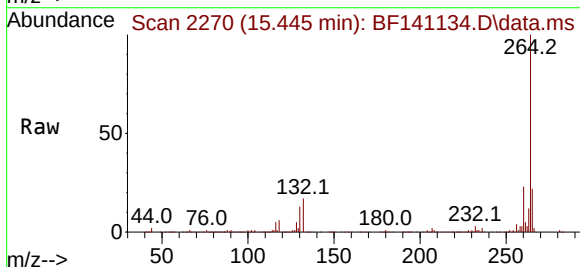
Tgt Ion:264 Resp: 300162

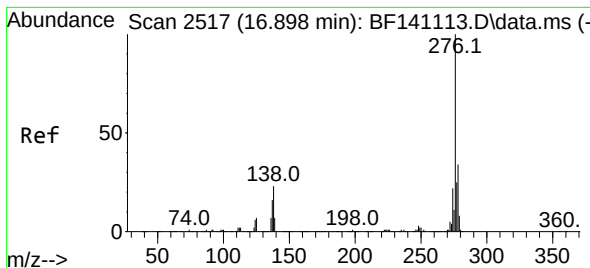
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.552 ng

RT: 16.898 min Scan# 2517

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

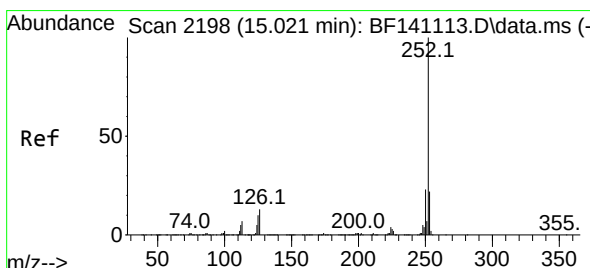
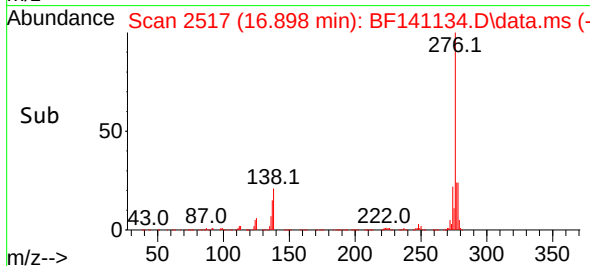
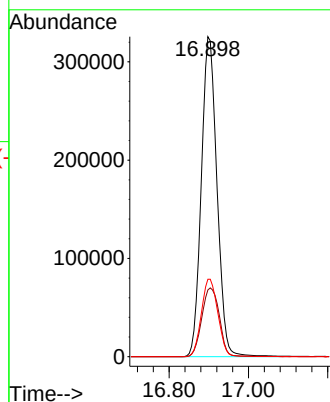
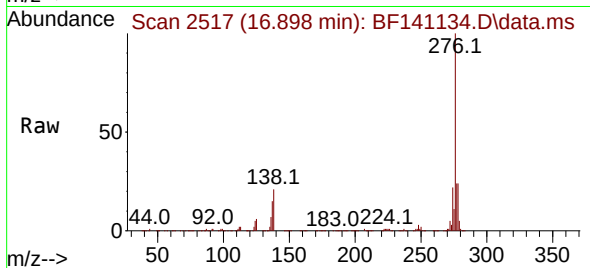
Tgt Ion:276 Resp: 891758
 Ion Ratio Lower Upper
 276 100
 138 24.2 20.7 31.1
 277 25.6 20.6 30.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#88

Benzo(b)fluoranthene

Concen: 39.822 ng

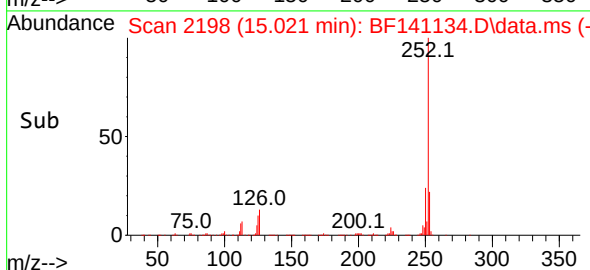
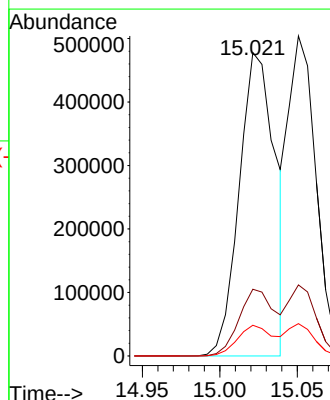
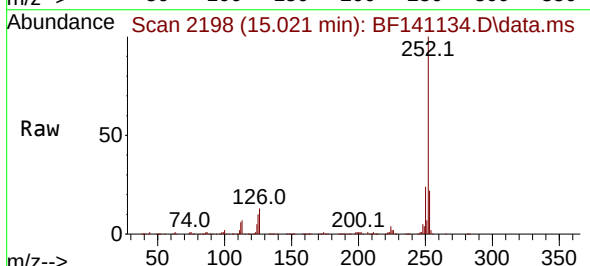
RT: 15.021 min Scan# 2198

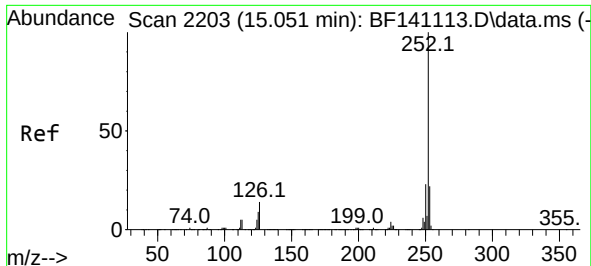
Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Tgt Ion:252 Resp: 770768
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.6
 125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 38.637 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:252 Resp: 631989

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

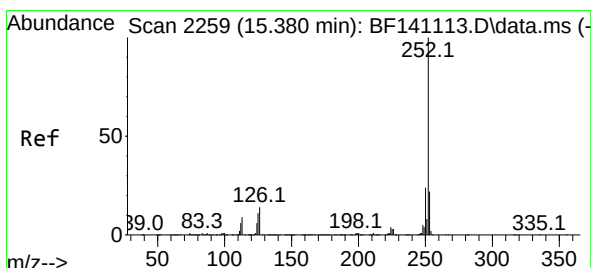
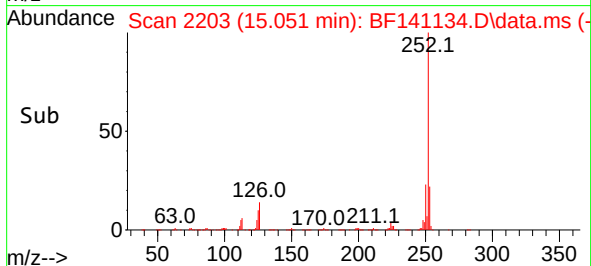
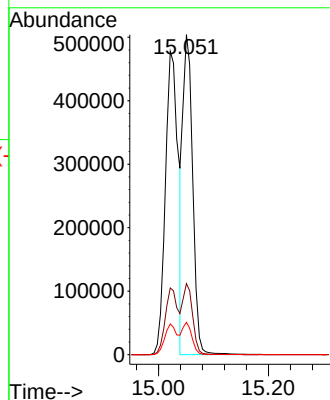
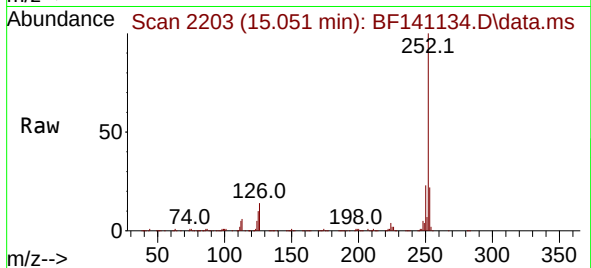
125 10.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#90

Benzo(a)pyrene

Concen: 39.469 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141134.D

Acq: 13 Jan 2025 18:48

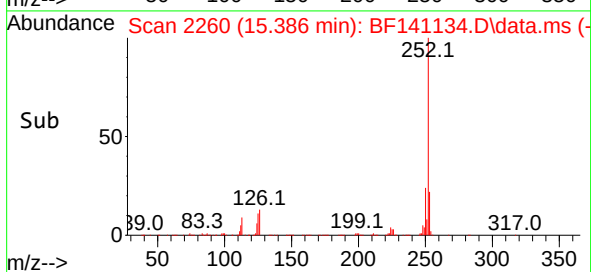
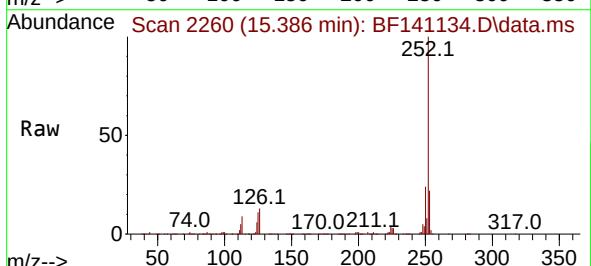
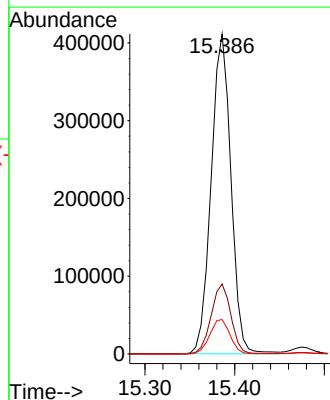
Tgt Ion:252 Resp: 630296

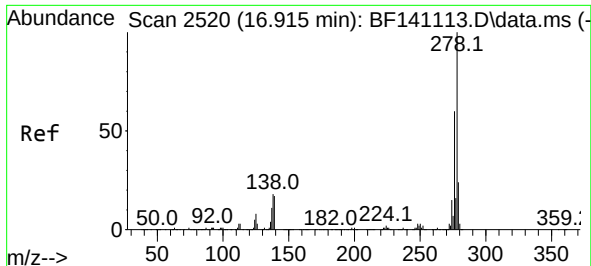
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.8 9.1 13.7





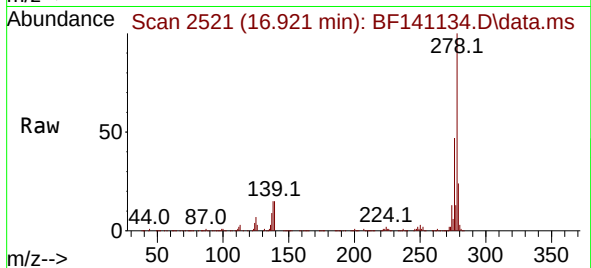
#91
Dibenzo(a,h)anthracene
Concen: 40.762 ng
RT: 16.921 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

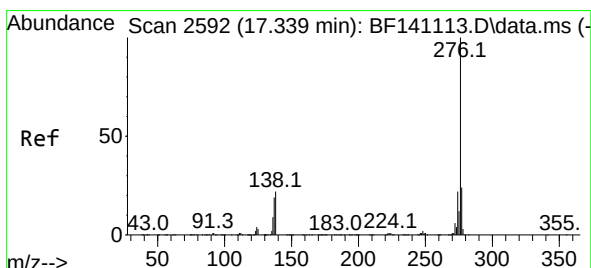
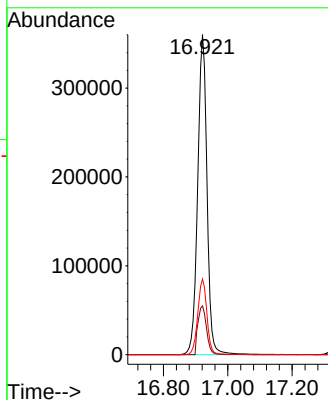
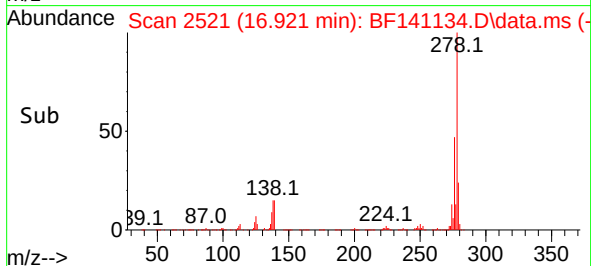


Tgt Ion:278 Resp: 72499
Ion Ratio Lower Upper
278 100
139 15.2 13.8 20.6
279 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#92
Benzo(g,h,i)perylene
Concen: 41.036 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF141134.D
Acq: 13 Jan 2025 18:48

Tgt Ion:276 Resp: 759180
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.3 17.4 26.2

