

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141271.D
 Acq On : 27 Jan 2025 14:38
 Operator : RC/JU
 Sample : Q1187-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 27 15:07:17 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	6.804	152	154914	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	607487	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	305286	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	486603	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	375115	20.000	ng	0.00
86) Perylene-d12	15.445	264	430944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1034255	103.136	ng	0.00
7) Phenol-d6	6.440	99	1283464	101.039	ng	0.00
23) Nitrobenzene-d5	7.369	82	824727	71.964	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	396832	114.080	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1550967	77.580	ng	-0.02
79) Terphenyl-d14	12.921	244	1554891	61.609	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	188165	42.136	ng	98
3) Pyridine	3.328	79	474709	43.349	ng	94
4) n-Nitrosodimethylamine	3.275	42	240805	44.972	ng	94
6) Aniline	6.469	93	386750	34.293	ng	93
8) 2-Chlorophenol	6.592	128	526530	48.939	ng	95
9) Benzaldehyde	6.351	77	52363	6.999	ng	97
10) Phenol	6.451	94	632814	46.538	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	482201	47.584	ng	98
12) 1,3-Dichlorobenzene	6.745	146	554204	46.186	ng	99
13) 1,4-Dichlorobenzene	6.822	146	566204	46.825	ng	100
14) 1,2-Dichlorobenzene	6.975	146	536334	47.550	ng	98
15) Benzyl Alcohol	6.945	79	444908	48.499	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	650871	46.027	ng	95
17) 2-Methylphenol	7.057	107	409331	47.125	ng	99
18) Hexachloroethane	7.316	117	210058	48.037	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	343184	45.864	ng	98
20) 3+4-Methylphenols	7.210	107	492890	44.978	ng	# 83
22) Acetophenone	7.216	105	668176	46.268	ng	98
24) Nitrobenzene	7.387	77	530666	44.430	ng	98
25) Isophorone	7.628	82	941004	48.047	ng	98
26) 2-Nitrophenol	7.704	139	280538	51.635	ng	99
27) 2,4-Dimethylphenol	7.739	122	405723	55.362	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	582556	47.396	ng	100
29) 2,4-Dichlorophenol	7.945	162	418475	48.080	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	460630	46.300	ng	100
31) Naphthalene	8.110	128	1495275	46.674	ng	100
32) Benzoic acid	7.845	122	187508m	26.672	ng	
33) 4-Chloroaniline	8.157	127	228472	20.621	ng	98
34) Hexachlorobutadiene	8.228	225	284895	47.524	ng	99
35) Caprolactam	8.522	113	117780m	41.333	ng	
36) 4-Chloro-3-methylphenol	8.639	107	440638	46.291	ng	99
37) 2-Methylnaphthalene	8.798	142	967976	47.416	ng	100
38) 1-Methylnaphthalene	8.898	142	899757	44.721	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	447310	51.049	ng	99
41) Hexachlorocyclopentadiene	8.951	237	546281	190.559	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	298497	50.510	ng	99

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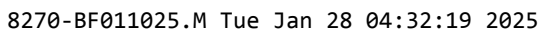
Quant Time: Jan 27 15:07:17 2025
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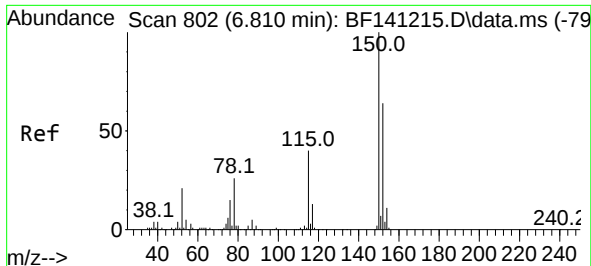
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	302346	48.443	ng	99
46) 1,1'-Biphenyl	9.263	154	1179718	49.759	ng	100
47) 2-Chloronaphthalene	9.292	162	883759	47.859	ng	99
48) 2-Nitroaniline	9.386	65	261029	47.686	ng	98
49) Acenaphthylene	9.704	152	1354719	51.349	ng	100
50) Dimethylphthalate	9.569	163	1012627	49.408	ng	100
51) 2,6-Dinitrotoluene	9.628	165	225206	47.252	ng	99
52) Acenaphthene	9.880	154	952041	51.651	ng	100
53) 3-Nitroaniline	9.798	138	139626	28.829	ng	98
54) 2,4-Dinitrophenol	9.904	184	179318	79.155	ng	96
55) Dibenzofuran	10.051	168	1224973	48.860	ng	99
56) 4-Nitrophenol	9.963	139	373334	98.424	ng	99
57) 2,4-Dinitrotoluene	10.033	165	301598	49.103	ng	99
58) Fluorene	10.392	166	918065	47.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	252990	48.766	ng	98
60) Diethylphthalate	10.269	149	968367	48.398	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	455963	48.030	ng	99
62) 4-Nitroaniline	10.410	138	225675	47.607	ng	99
63) Azobenzene	10.551	77	1017954	51.561	ng	92
65) 4,6-Dinitro-2-methylph...	10.445	198	142693	50.605	ng	93
66) n-Nitrosodiphenylamine	10.504	169	821061	52.313	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	297646	53.130	ng	97
68) Hexachlorobenzene	10.945	284	325884	52.255	ng	96
69) Atrazine	11.033	200	270880	64.098	ng	99
70) Pentachlorophenol	11.139	266	355783	89.084	ng	99
71) Phenanthrene	11.357	178	1335273	51.113	ng	100
72) Anthracene	11.410	178	1377681	54.236	ng	100
73) Carbazole	11.563	167	1189815	51.083	ng	100
74) Di-n-butylphthalate	11.898	149	1418227	53.206	ng	100
75) Fluoranthene	12.545	202	1364938	52.358	ng	99
77) Benzidine	12.669	184	419579	60.317	ng	99
78) Pyrene	12.774	202	1392417	38.864	ng	100
80) Butylbenzylphthalate	13.398	149	555474	46.501	ng	98
81) Benzo(a)anthracene	13.968	228	1233024	48.299	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	283738	34.905	ng	99
83) Chrysene	14.004	228	1153957	48.309	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	731820	51.059	ng	99
85) Di-n-octyl phthalate	14.586	149	1331416	61.516	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	1566112	49.604	ng	98
88) Benzo(b)fluoranthene	15.021	252	1433204	51.575	ng	100
89) Benzo(k)fluoranthene	15.051	252	1143108	48.676	ng	99
90) Benzo(a)pyrene	15.386	252	1241596	54.154	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1256938	49.223	ng	97
92) Benzo(g,h,i)perylene	17.345	276	1198815	45.134	ng	99

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

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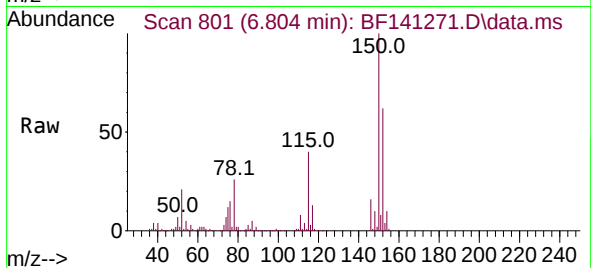
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

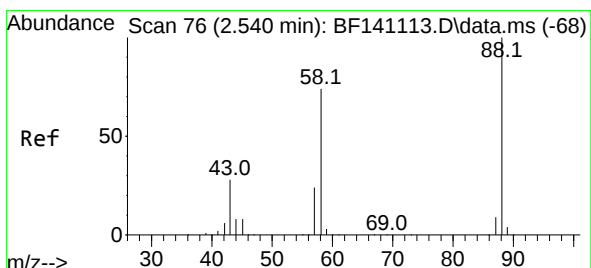
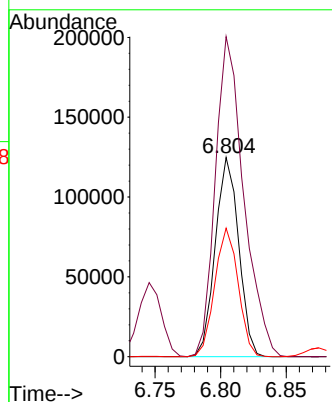
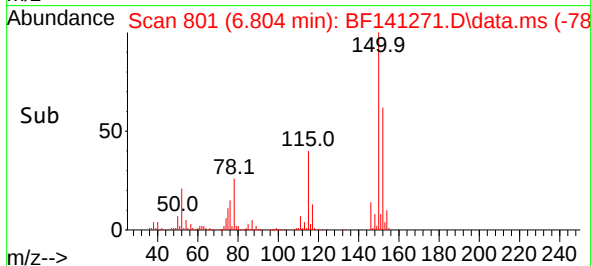


Tgt Ion:152 Resp: 154914
Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.8
115 64.5 51.4 77.2

Manual Integrations

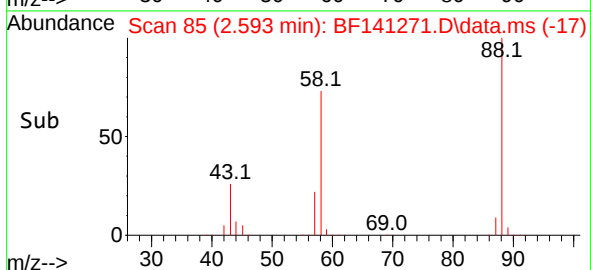
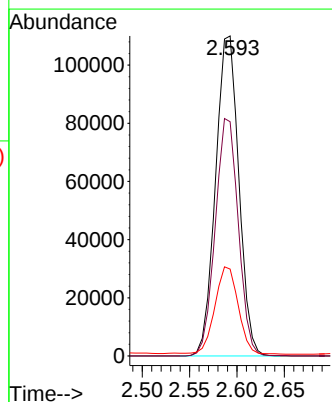
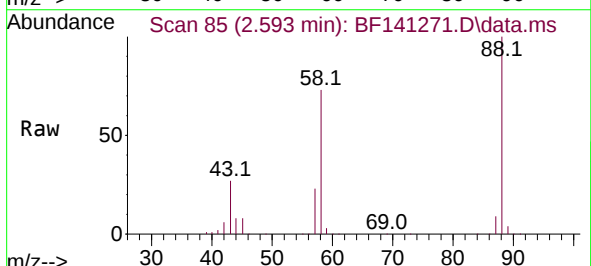
APPROVED

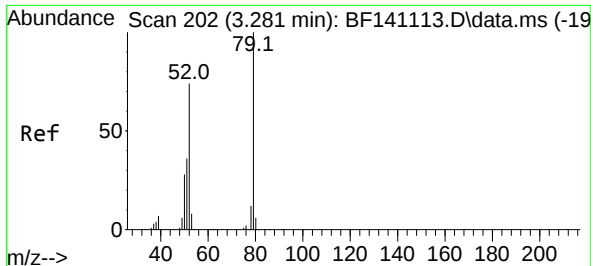
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#2
1,4-Dioxane
Concen: 42.136 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.053 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

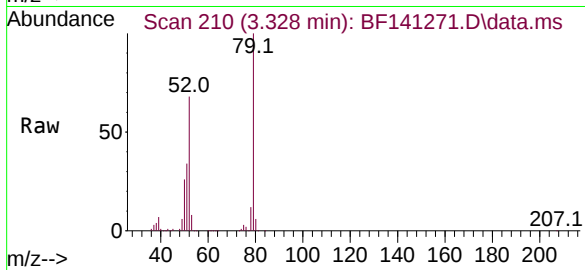
Tgt Ion: 88 Resp: 188165
Ion Ratio Lower Upper
88 100
58 73.5 60.1 90.1
43 27.8 23.1 34.7





#3
Pyridine
Concen: 43.349 ng
RT: 3.328 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

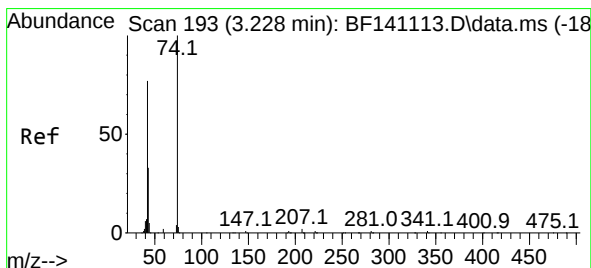
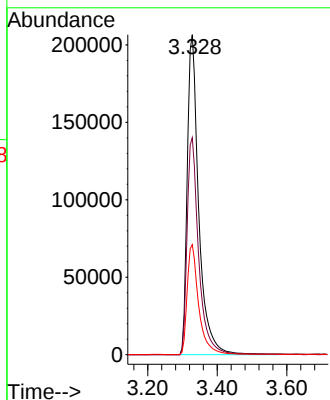
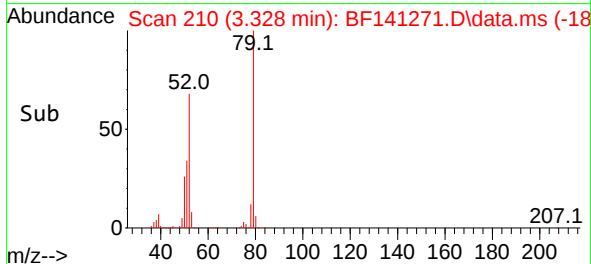
Instrument :
BNA_F
ClientSampleId :
SP-COMPMS



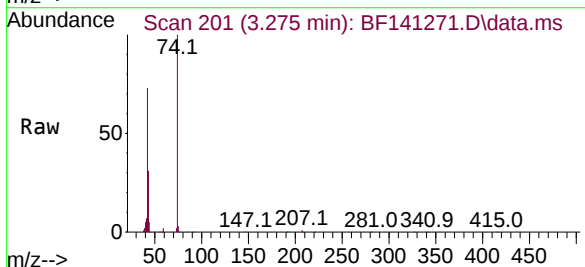
Tgt Ion: 79 Resp: 474709
Ion Ratio Lower Upper
79 100
52 67.8 58.9 88.3
51 34.4 29.1 43.7

Manual Integrations
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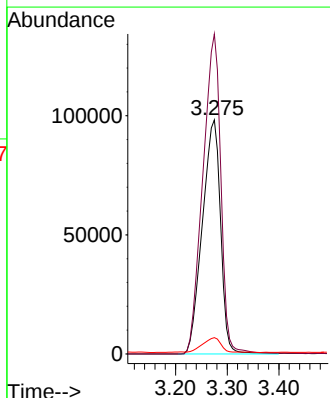
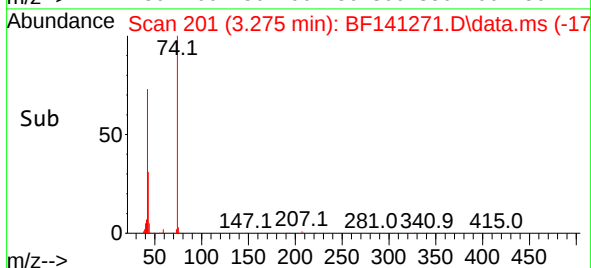
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Supervised By :mohammad ahmed 01/31/2025

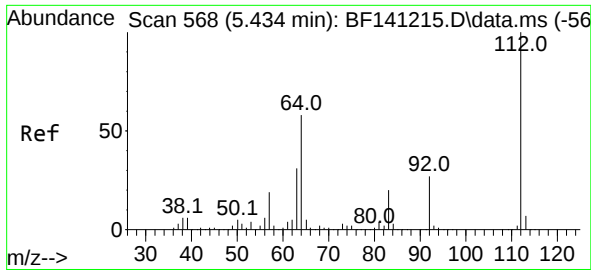


#4
n-Nitrosodimethylamine
Concen: 44.972 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion: 42 Resp: 240805
Ion Ratio Lower Upper
42 100
74 136.7 103.8 155.6
44 7.0 5.3 7.9





#5
2-Fluorophenol
Concen: 103.136 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

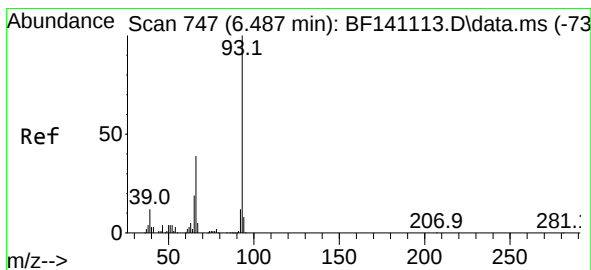
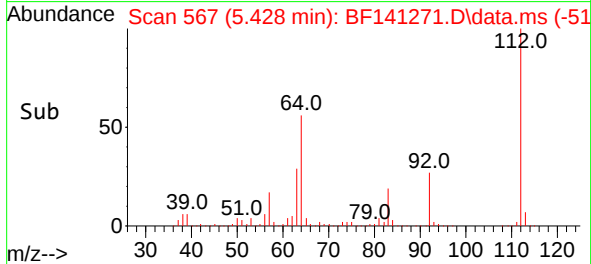
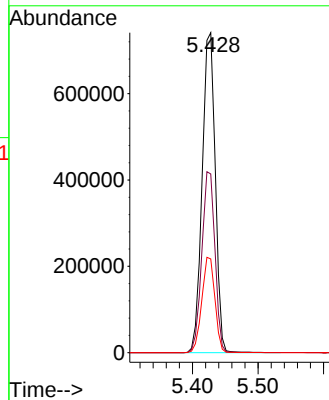
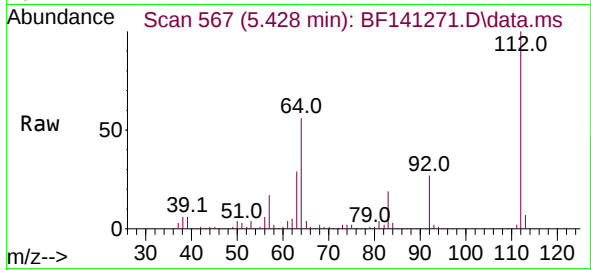
SP-COMPMS

Tgt Ion:112 Resp: 103425
Ion Ratio Lower Upper
112 100
64 55.8 47.3 70.9
63 29.3 24.2 36.2

Manual Integrations

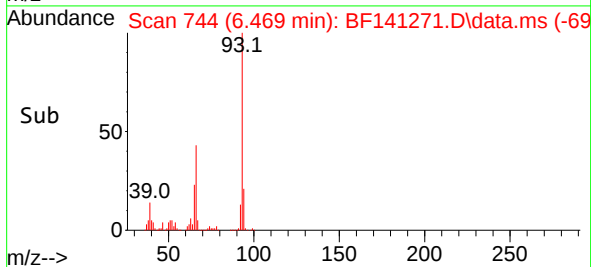
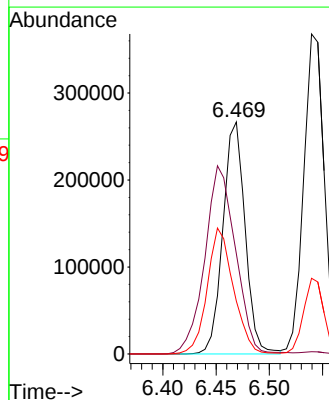
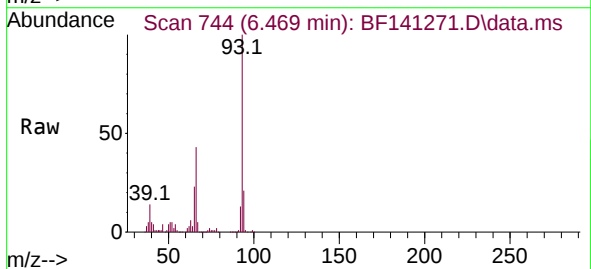
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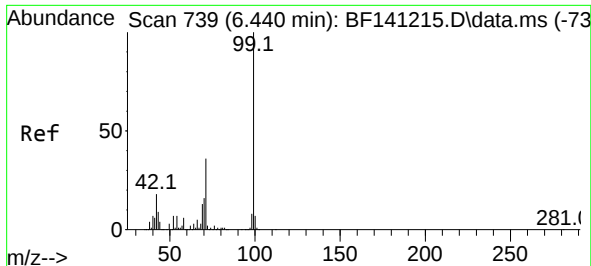
Reviewed By :Jagrut Upadhyay 01/28/2025
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#6
Aniline
Concen: 34.293 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

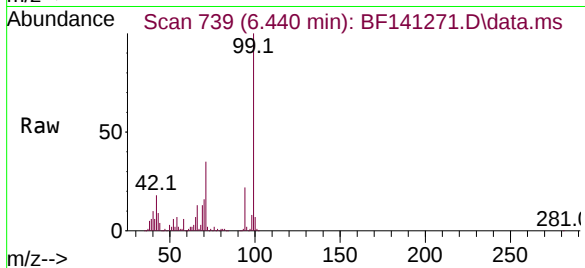
Tgt Ion: 93 Resp: 386750
Ion Ratio Lower Upper
93 100
66 43.2 31.5 47.3
65 22.8 15.3 22.9





#7
Phenol-d6
Concen: 101.039 ng
RT: 6.440 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

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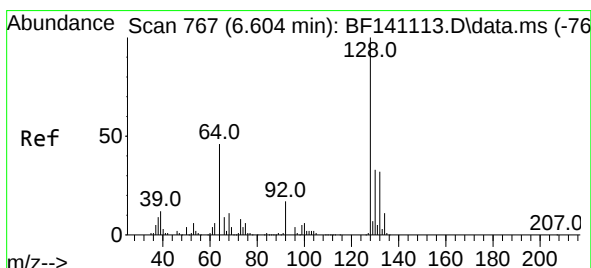
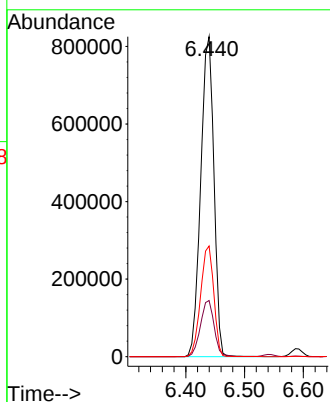
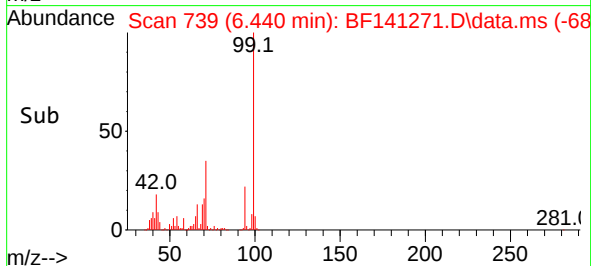


Tgt Ion: 99 Resp: 1283464

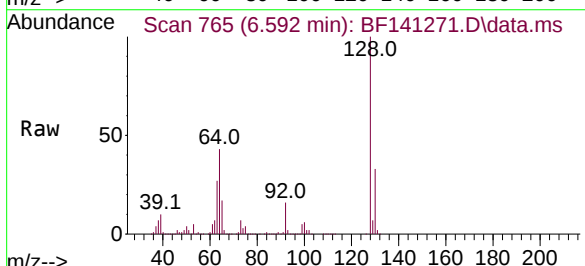
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	34.6	27.6	41.4

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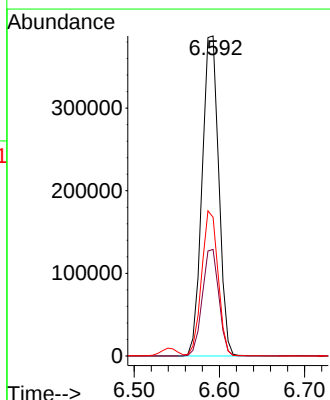
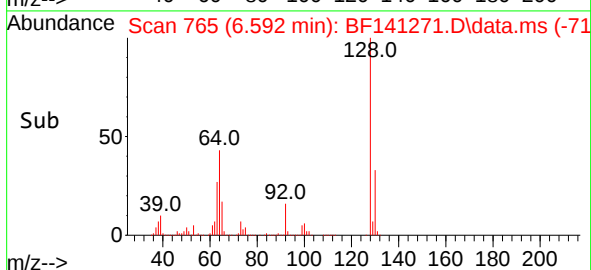


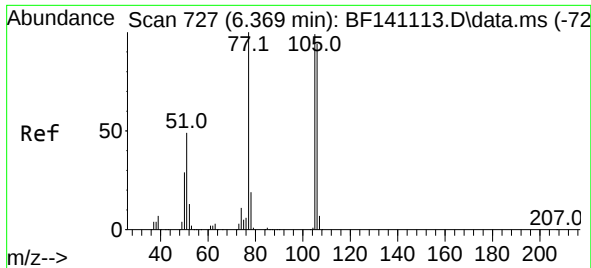
#8
2-Chlorophenol
Concen: 48.939 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion:128 Resp: 526530

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.5	52.5
64	43.3	28.3	68.3





#9

Benzaldehyde

Concen: 6.999 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion: 77 Resp: 5236

Ion Ratio Lower Upper

77 100

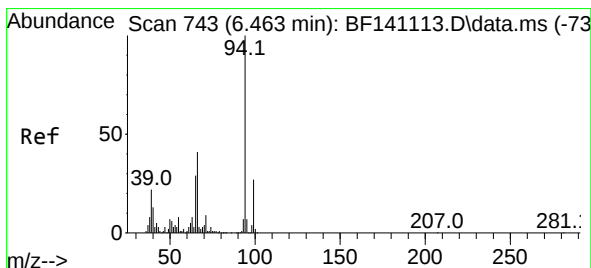
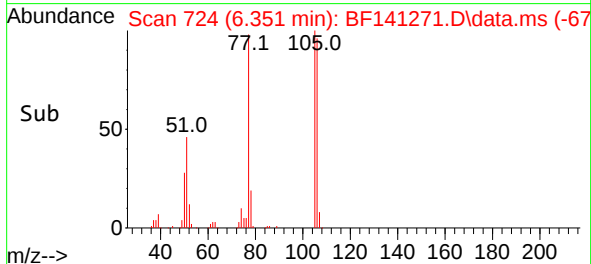
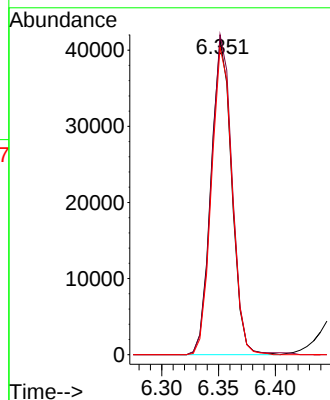
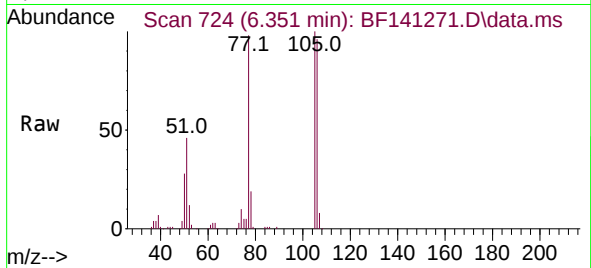
105 101.6 78.9 118.9

106 97.6 73.6 113.6

Manual Integrations

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Supervised By :mohammad ahmed 01/31/2025



#10

Phenol

Concen: 46.538 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

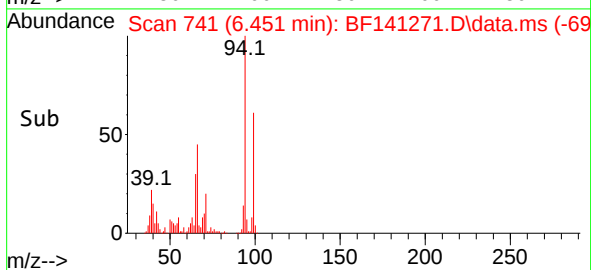
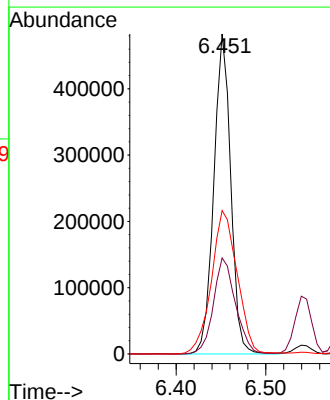
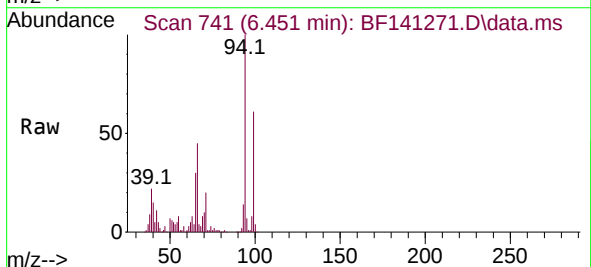
Tgt Ion: 94 Resp: 632814

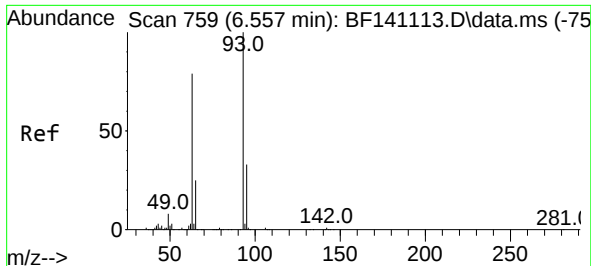
Ion Ratio Lower Upper

94 100

65 30.0 8.9 48.9

66 44.8 21.2 61.2





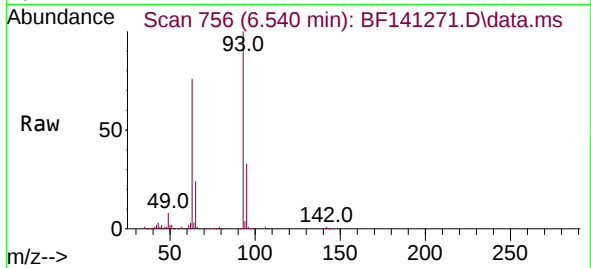
#11
bis(2-Chloroethyl)ether
Concen: 47.584 ng
RT: 6.540 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

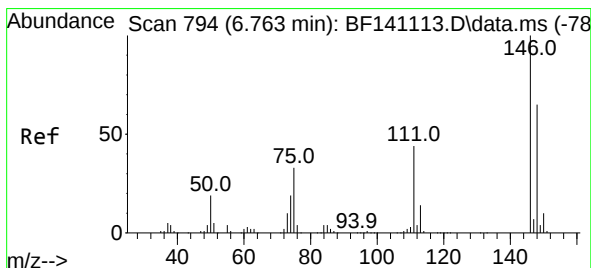
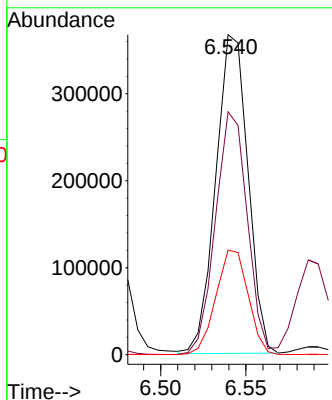
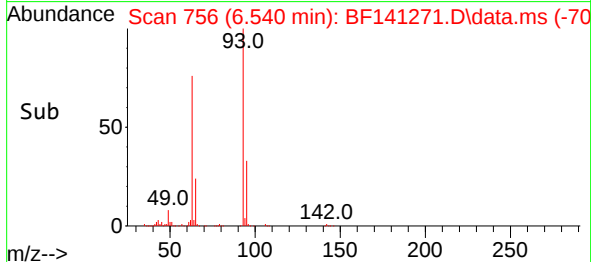
SP-COMPMS



Tgt Ion: 93 Resp: 48220
Ion Ratio Lower Upper
93 100
63 75.9 58.0 98.0
95 32.7 12.5 52.5

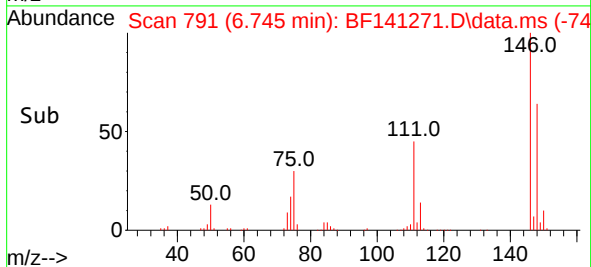
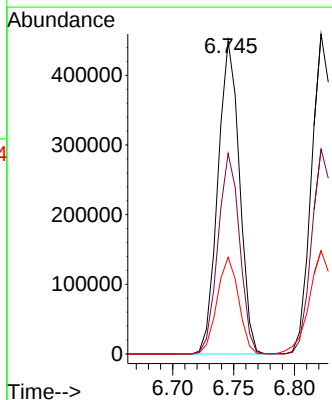
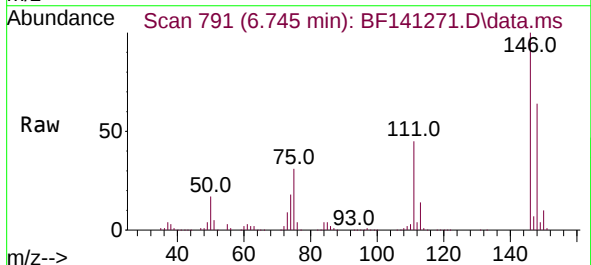
Manual Integrations
APPROVED

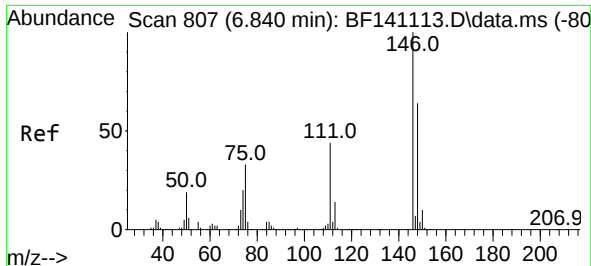
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#12
1,3-Dichlorobenzene
Concen: 46.186 ng
RT: 6.745 min Scan# 791
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

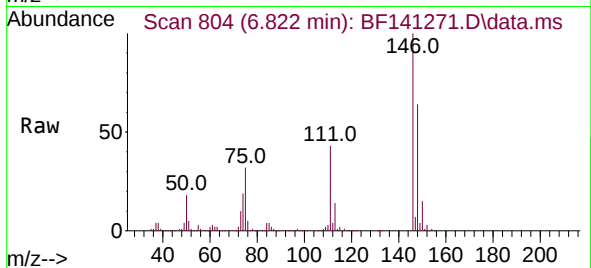
Tgt Ion:146 Resp: 554204
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
75 30.9 26.2 39.2





#13
1,4-Dichlorobenzene
Concen: 46.825 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

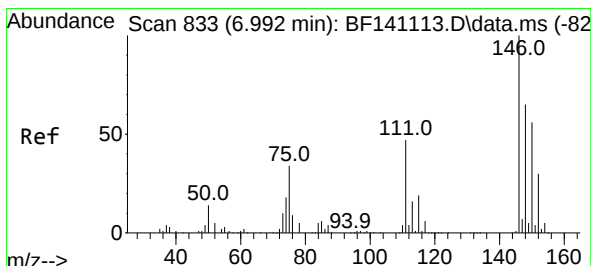
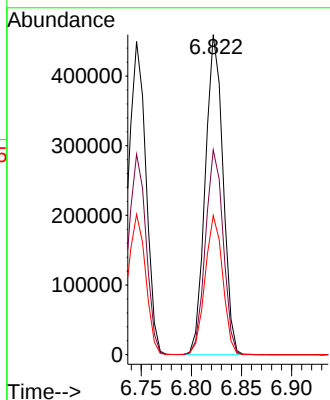
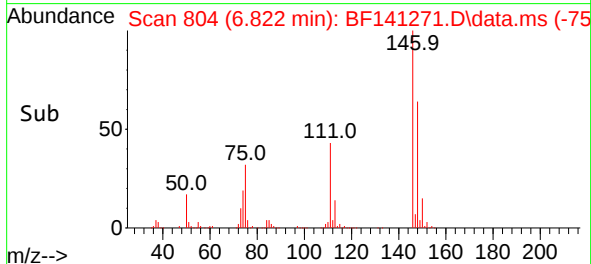
Instrument :
BNA_F
ClientSampleId :
SP-COMPMS



Tgt Ion:146 Resp: 566204
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 43.5 34.9 52.3

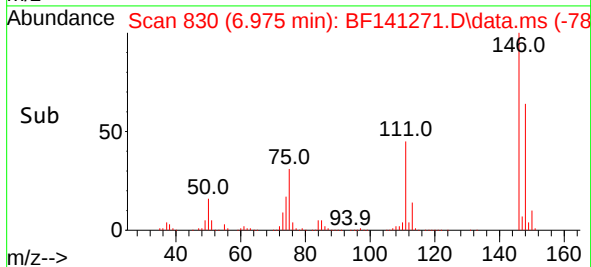
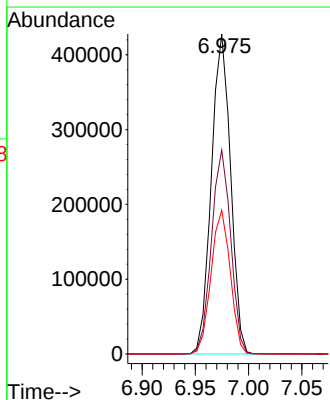
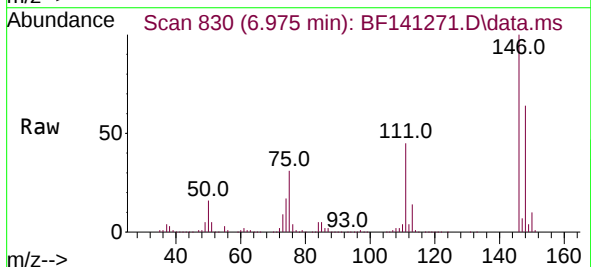
Manual Integrations
APPROVED

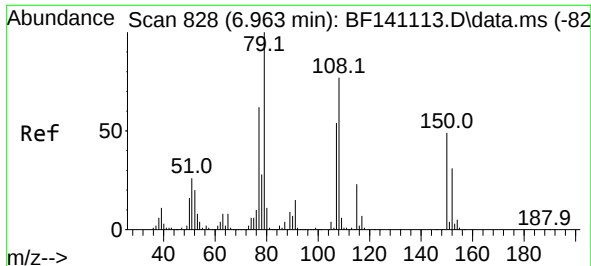
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#14
1,2-Dichlorobenzene
Concen: 47.550 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:146 Resp: 536334
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 44.9 37.5 56.3





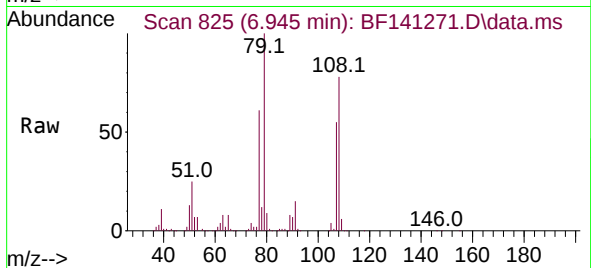
#15
Benzyl Alcohol
Concen: 48.499 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

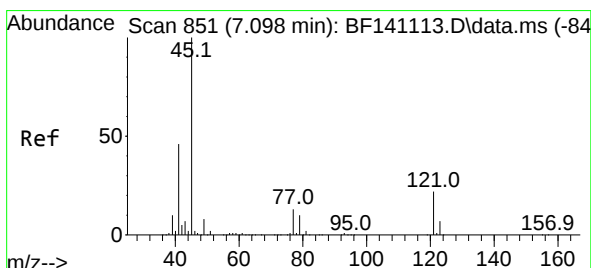
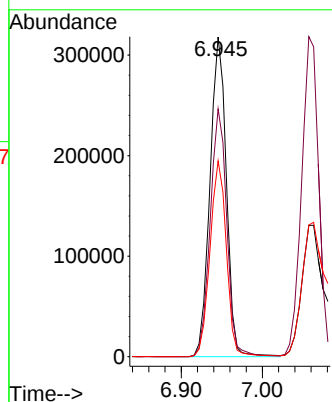
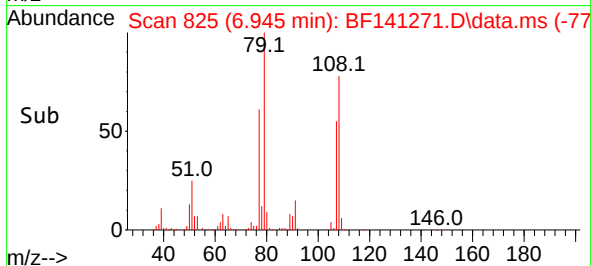


Tgt Ion: 79 Resp: 444908
Ion Ratio Lower Upper
79 100
108 77.6 61.4 92.0
77 61.3 49.8 74.6

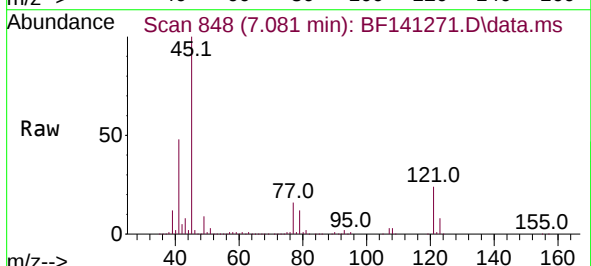
Manual Integrations

APPROVED

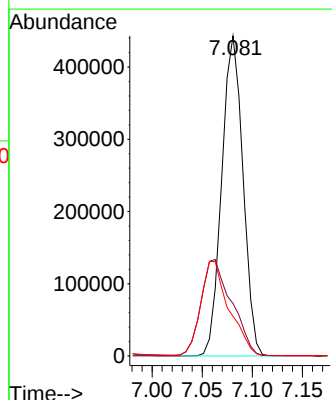
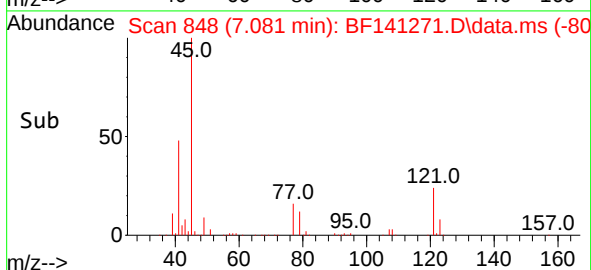
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

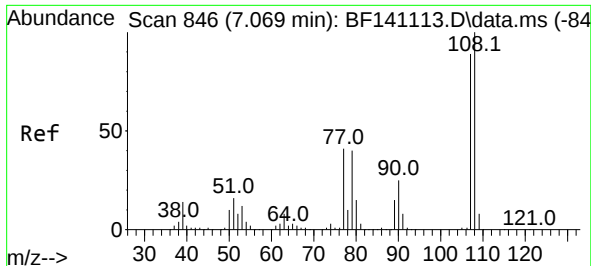


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.027 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion: 45 Resp: 650871
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.1
79 12.4 0.0 31.0





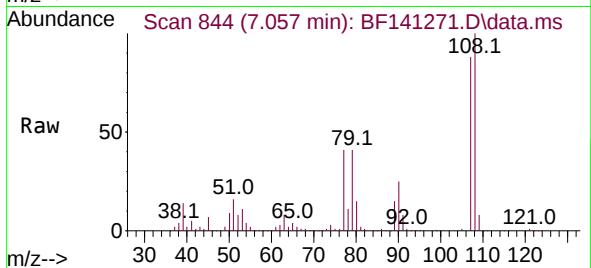
#17
2-Methylphenol
Concen: 47.125 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

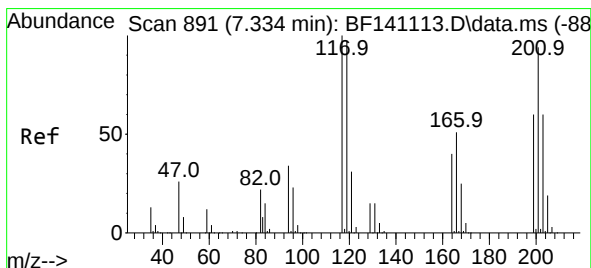
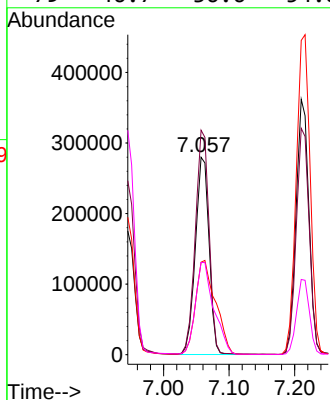
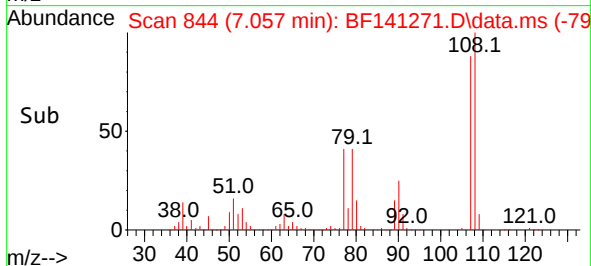


Tgt Ion:107 Resp: 40933
Ion Ratio Lower Upper
107 100
108 113.8 90.1 135.1
77 46.8 36.6 55.0
79 46.7 36.6 54.8

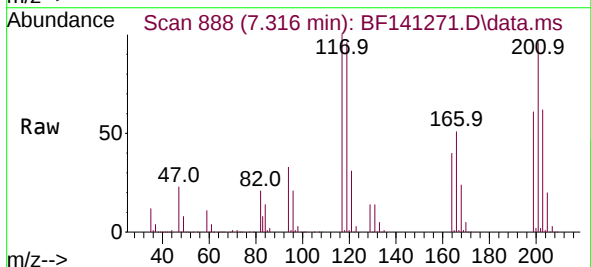
Manual Integrations

APPROVED

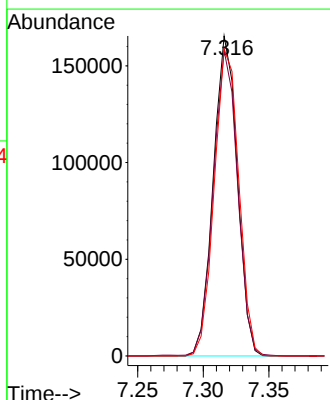
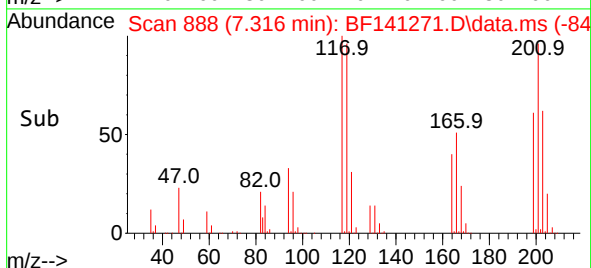
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

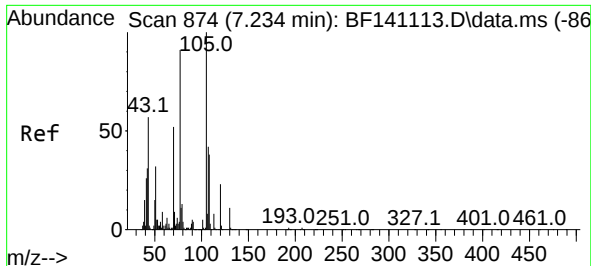


#18
Hexachloroethane
Concen: 48.037 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



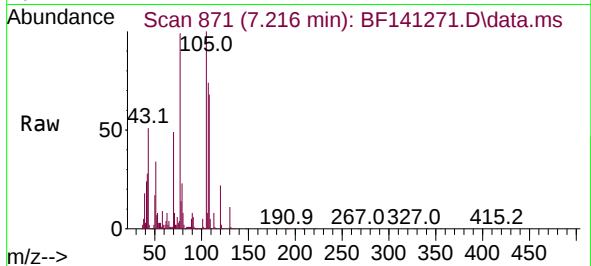
Tgt Ion:117 Resp: 210058
Ion Ratio Lower Upper
117 100
119 95.5 77.6 116.4
201 95.9 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 45.864 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

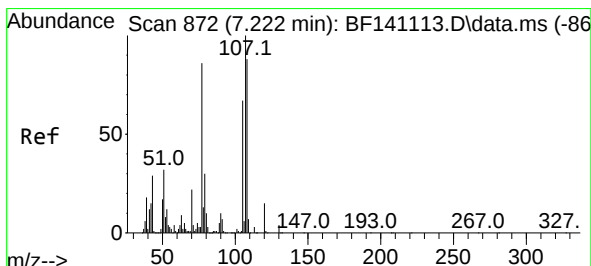
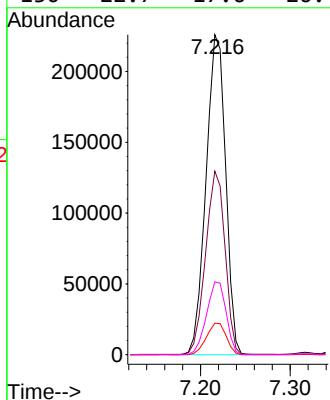
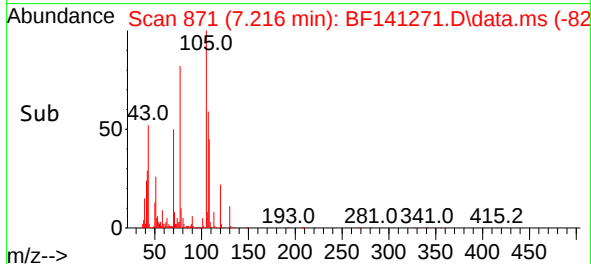
Instrument :
BNA_F
ClientSampleId :
SP-COMPMS



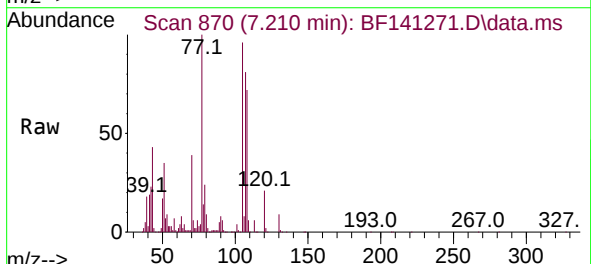
Tgt Ion: 70 Resp: 343184
Ion Ratio Lower Upper
70 100
42 57.3 47.8 71.6
101 9.9 7.9 11.9
130 22.7 17.6 26.4

Manual Integrations
APPROVED

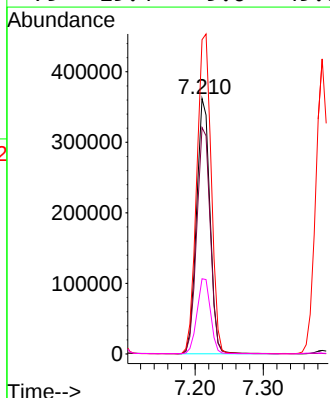
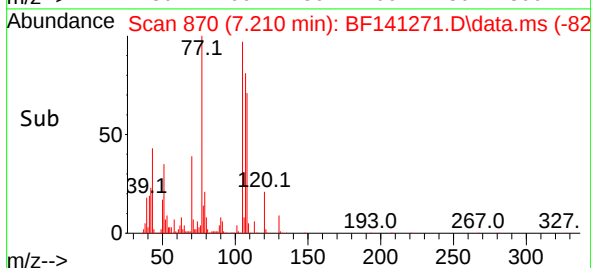
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

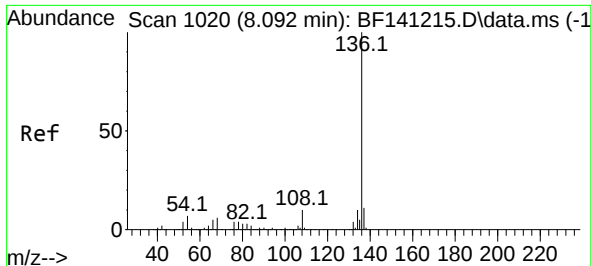


#20
3+4-Methylphenols
Concen: 44.978 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion:107 Resp: 492890
Ion Ratio Lower Upper
107 100
108 88.7 68.3 108.3
77 123.0 66.4 106.4#
79 29.4 9.6 49.6





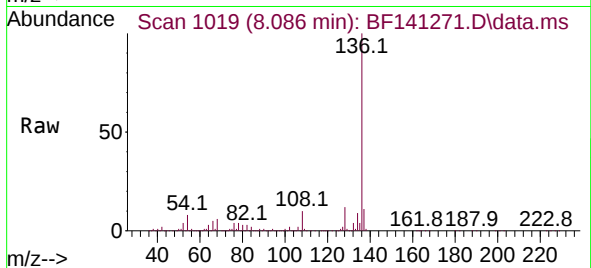
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

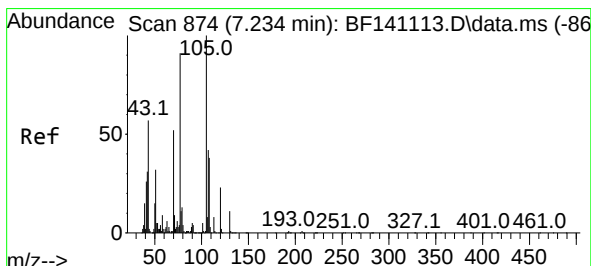
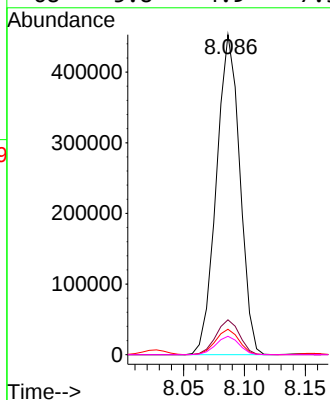
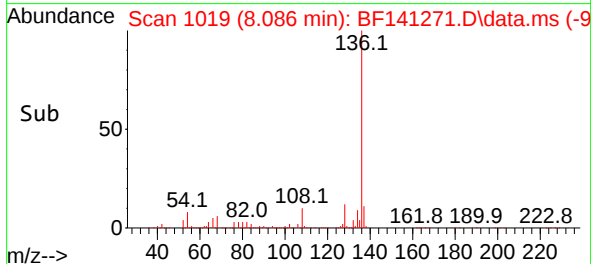


Tgt Ion:136 Resp: 60748
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 6.3 9.5
68 5.8 4.9 7.3

Manual Integrations

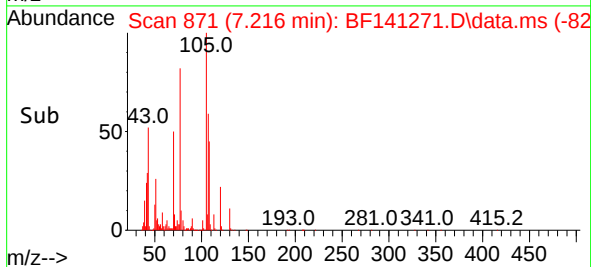
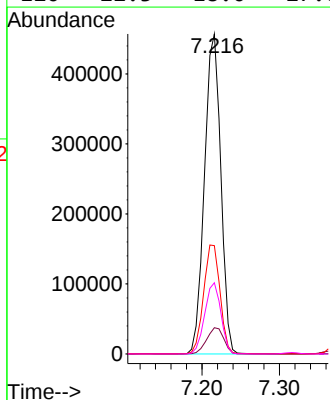
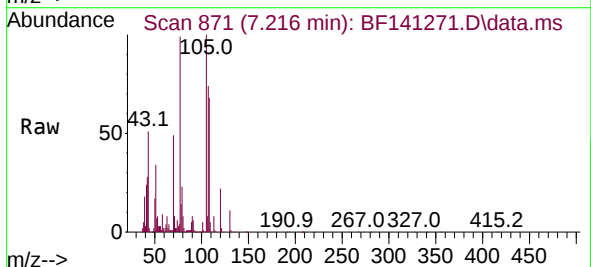
APPROVED

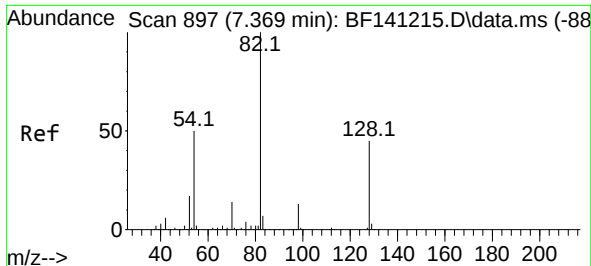
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#22
Acetophenone
Concen: 46.268 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:105 Resp: 668176
Ion Ratio Lower Upper
105 100
71 8.2 7.1 10.7
51 33.8 25.4 38.2
120 22.3 18.0 27.0





#23

Nitrobenzene-d5

Concen: 71.964 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

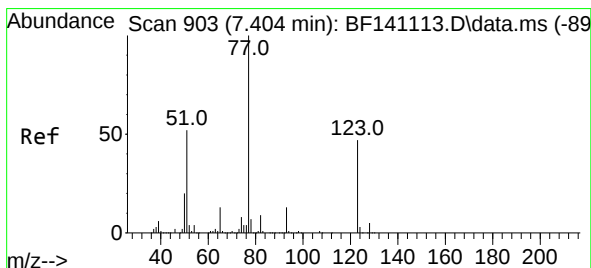
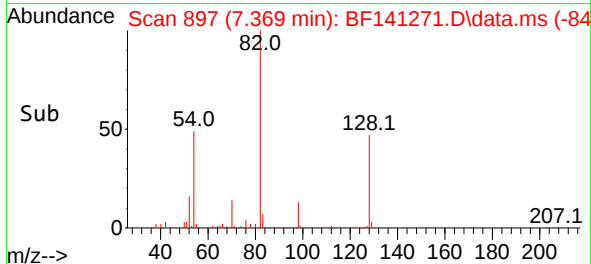
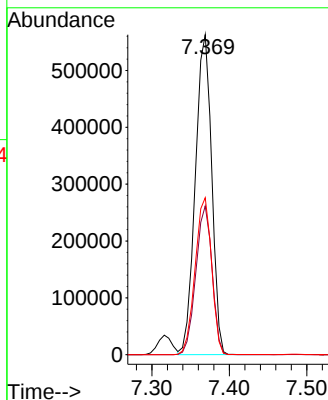
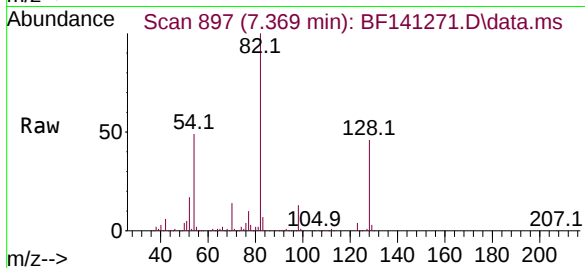
SP-COMPMS

Tgt Ion: 82 Resp: 824727
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 49.0 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025



#24

Nitrobenzene

Concen: 44.430 ng

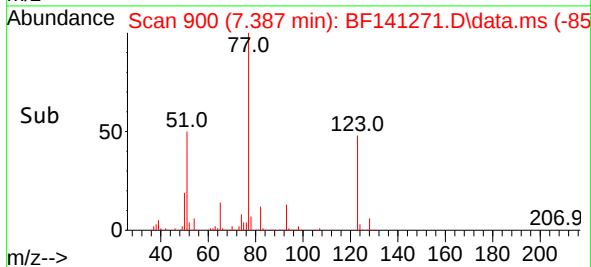
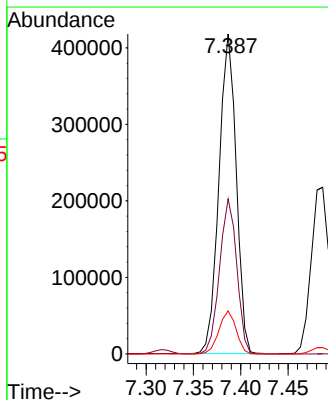
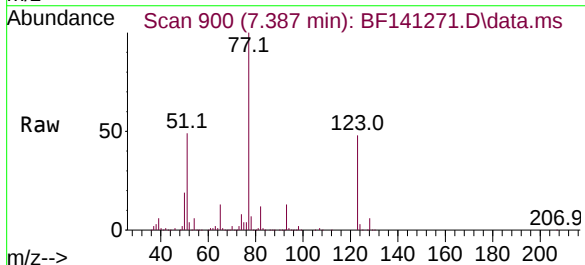
RT: 7.387 min Scan# 900

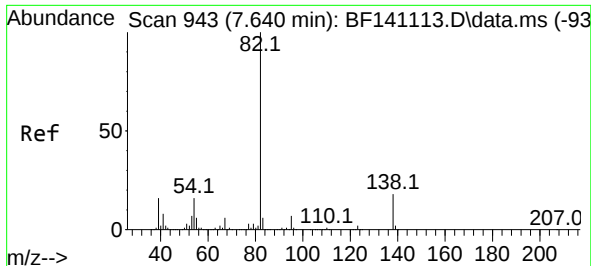
Delta R.T. -0.018 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

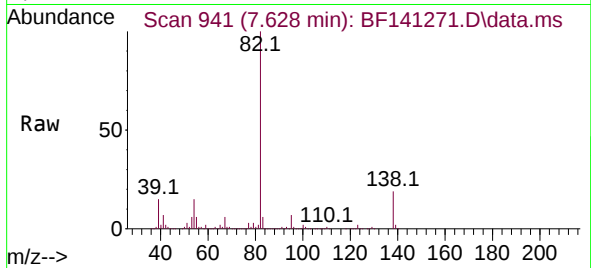
Tgt Ion: 77 Resp: 530666
 Ion Ratio Lower Upper
 77 100
 123 48.5 37.7 56.5
 65 13.5 10.6 16.0





#25
Isophorone
Concen: 48.047 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

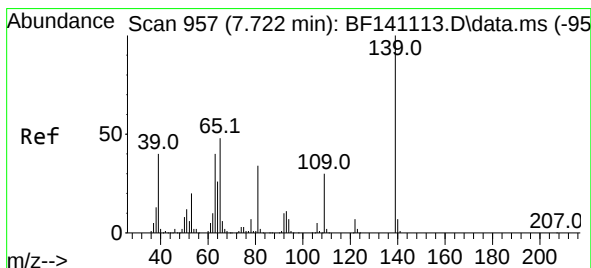
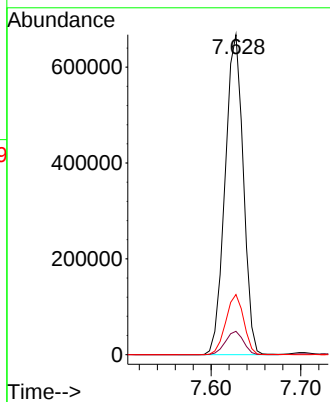
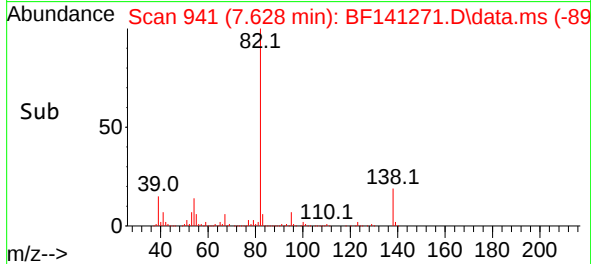
Instrument :
BNA_F
ClientSampleId :
SP-COMPMS



Tgt Ion: 82 Resp: 941004
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.8 14.2 21.2

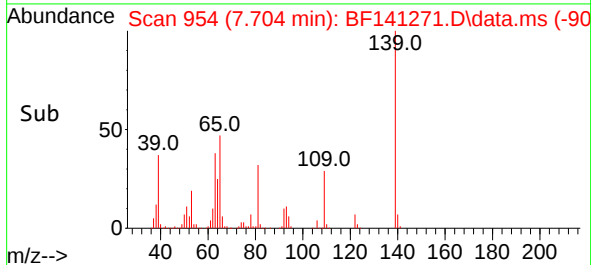
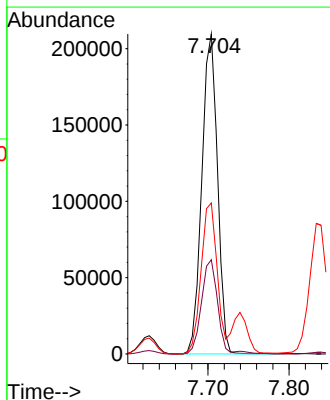
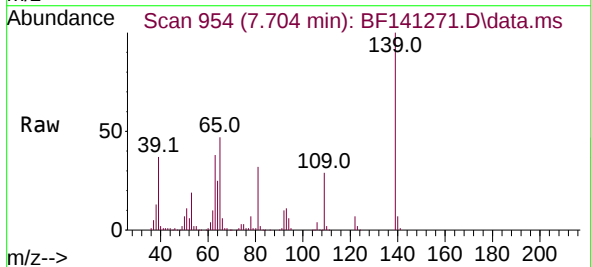
Manual Integrations
APPROVED

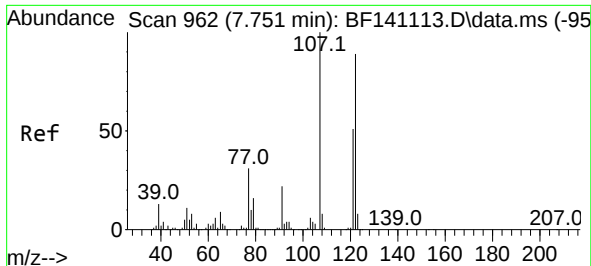
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#26
2-Nitrophenol
Concen: 51.635 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:139 Resp: 280538
Ion Ratio Lower Upper
139 100
109 29.4 23.8 35.6
65 47.2 38.5 57.7





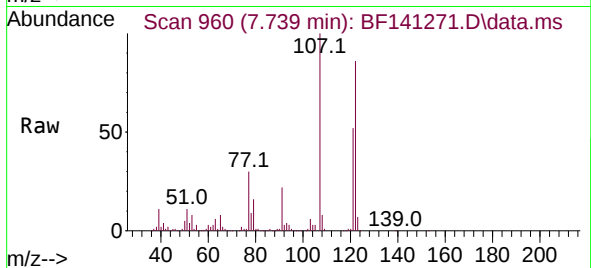
#27
2,4-Dimethylphenol
Concen: 55.362 ng
RT: 7.739 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

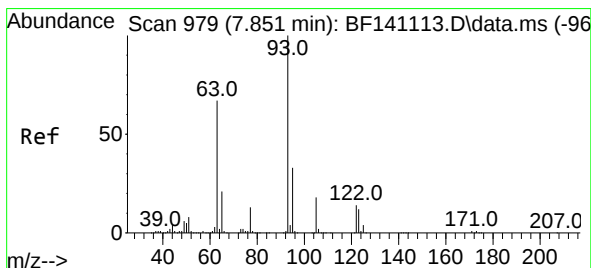
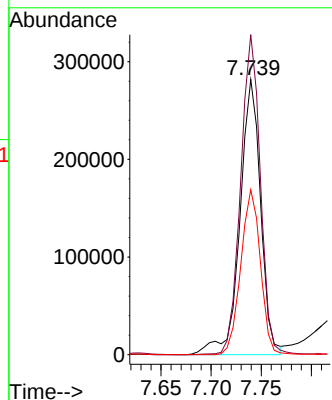
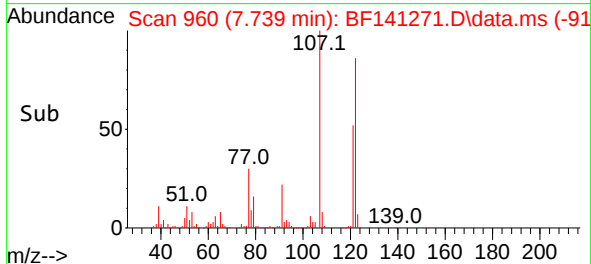


Tgt Ion:122 Resp: 40572
Ion Ratio Lower Upper
122 100
107 116.3 90.3 135.5
121 59.9 46.5 69.7

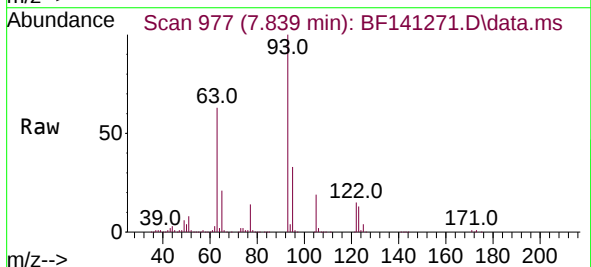
Manual Integrations

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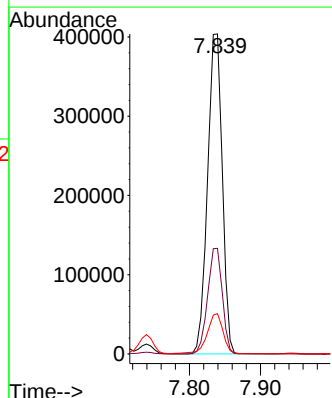
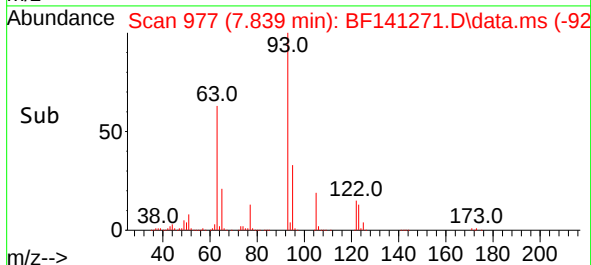
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

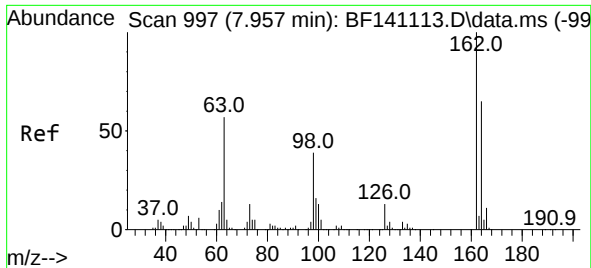


#28
bis(2-Chloroethoxy)methane
Concen: 47.396 ng
RT: 7.839 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion: 93 Resp: 582556
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.6 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 48.080 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:162 Resp: 41847

Ion Ratio Lower Upper

162 100

164 63.3 44.5 84.5

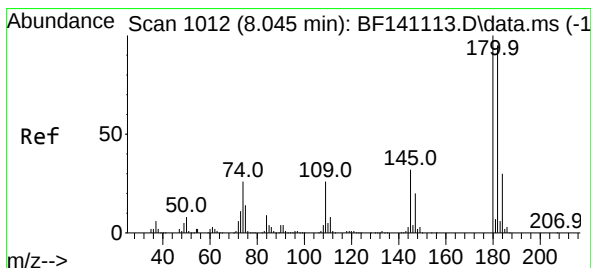
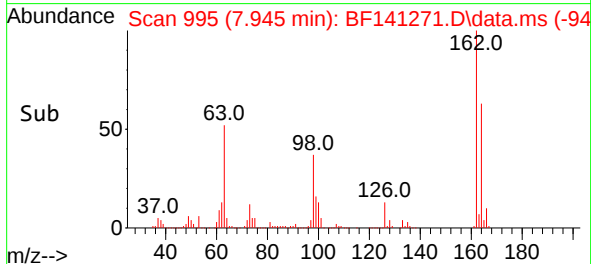
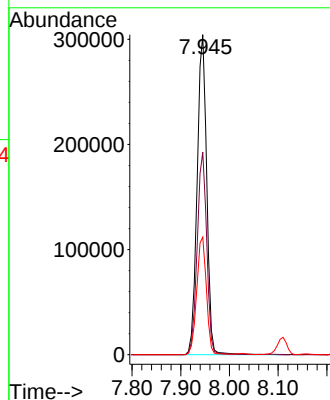
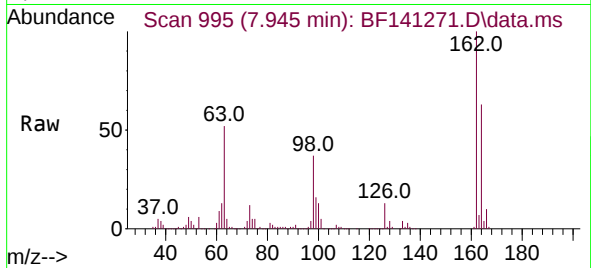
98 36.8 18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.300 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

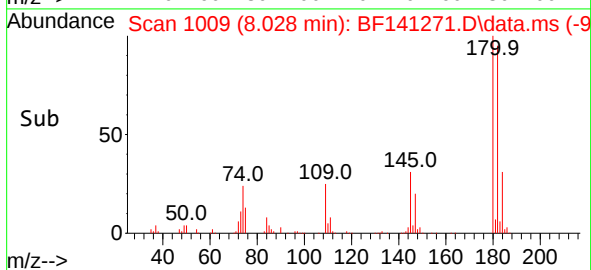
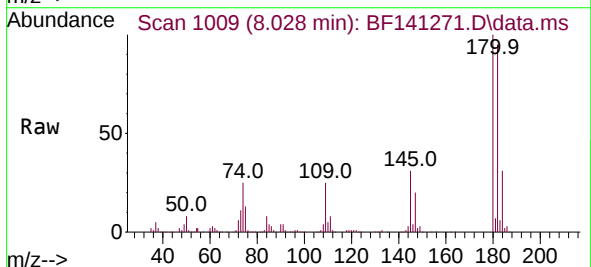
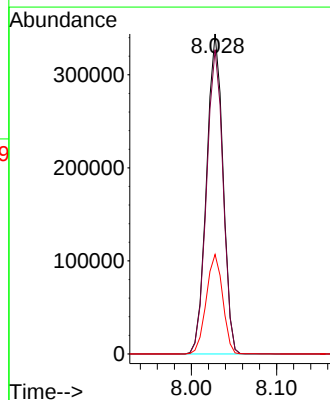
Tgt Ion:180 Resp: 460630

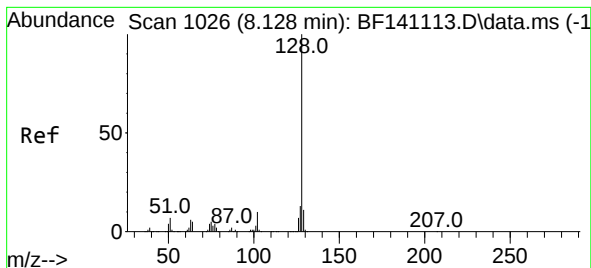
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 31.1 25.3 37.9





#31

Naphthalene

Concen: 46.674 ng

RT: 8.110 min Scan# 1026

Delta R.T. -0.018 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:128 Resp: 149527

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

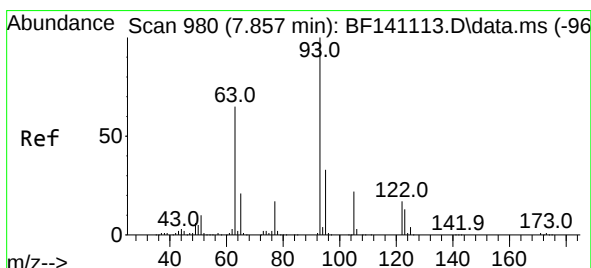
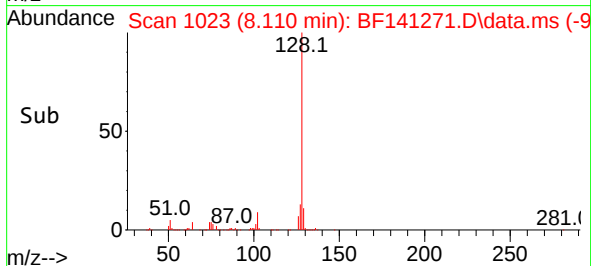
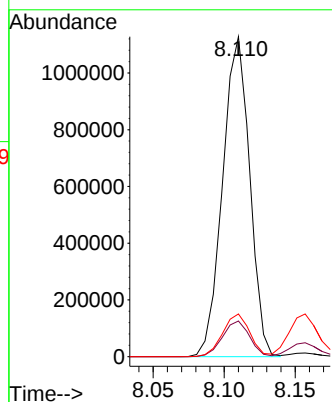
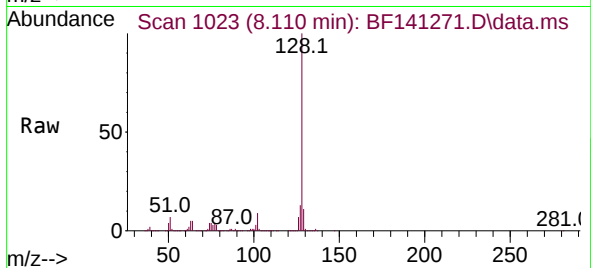
127 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#32

Benzoic acid

Concen: 26.672 ng m

RT: 7.845 min Scan# 978

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

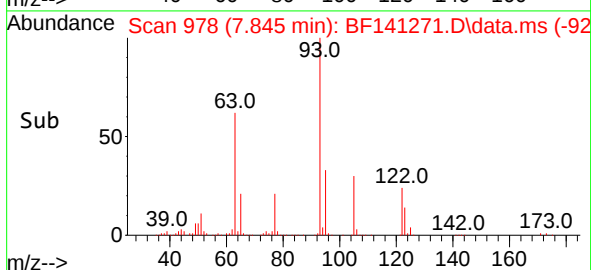
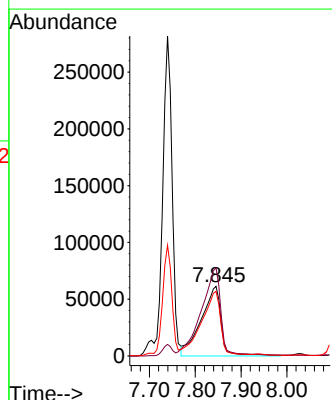
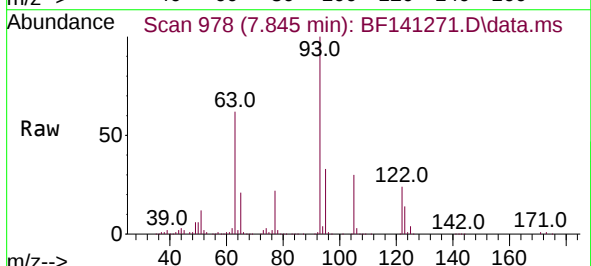
Tgt Ion:122 Resp: 187508

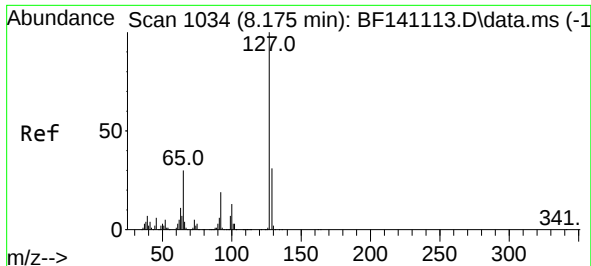
Ion Ratio Lower Upper

122 100

105 126.6 105.5 145.5

77 92.9 75.1 115.1





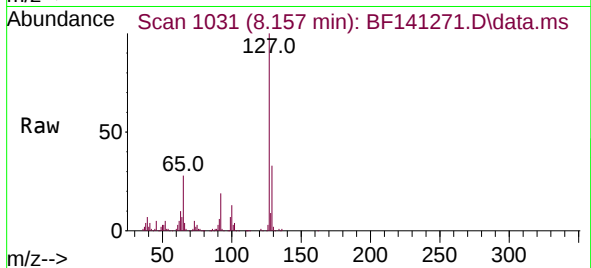
#33
4-Chloroaniline
Concen: 20.621 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

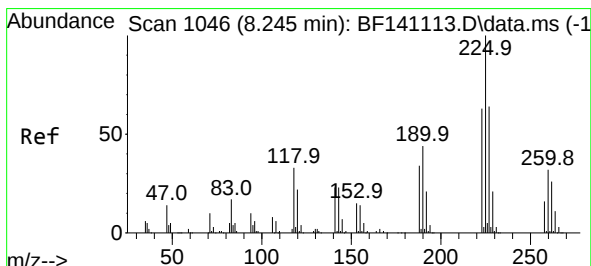
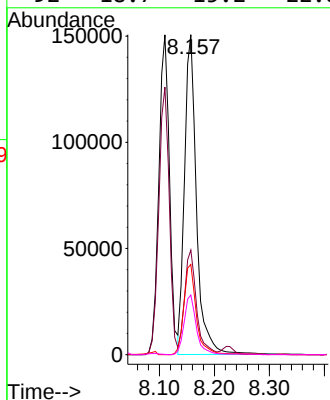
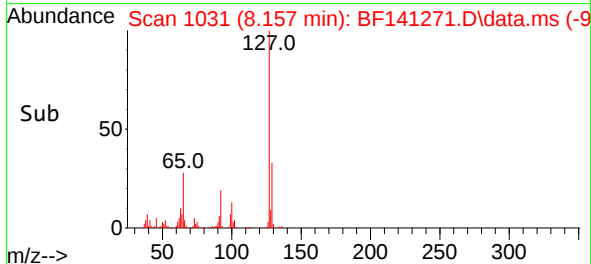


Tgt Ion:127 Resp: 228472
Ion Ratio Lower Upper
127 100
129 32.7 25.9 38.9
65 28.2 23.8 35.8
92 18.7 15.2 22.8

Manual Integrations

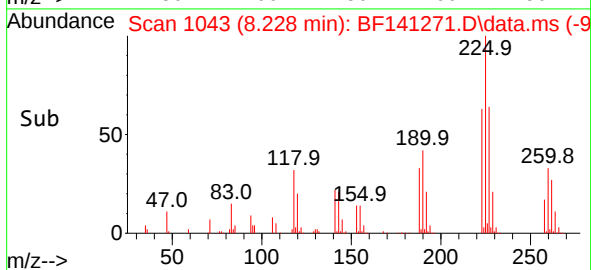
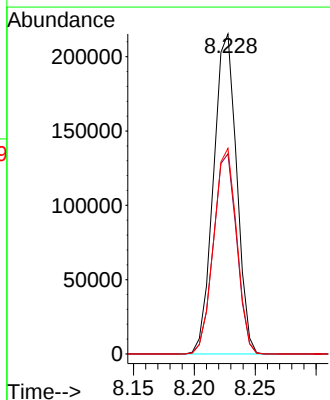
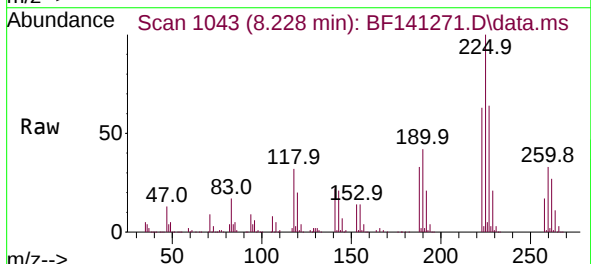
APPROVED

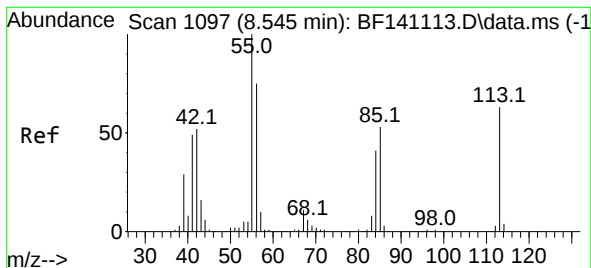
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#34
Hexachlorobutadiene
Concen: 47.524 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:225 Resp: 284895
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 64.2 51.6 77.4





#35

Caprolactam

Concen: 41.333 ng m

RT: 8.522 min Scan# 1109

Delta R.T. -0.024 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:113 Resp: 117780

Ion Ratio Lower Upper

113 100

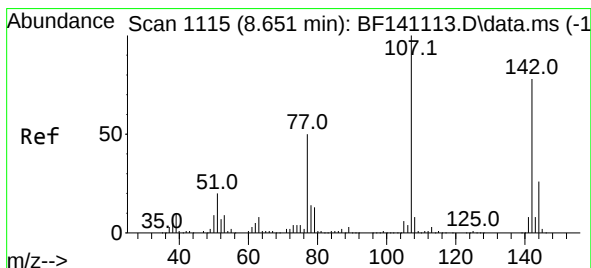
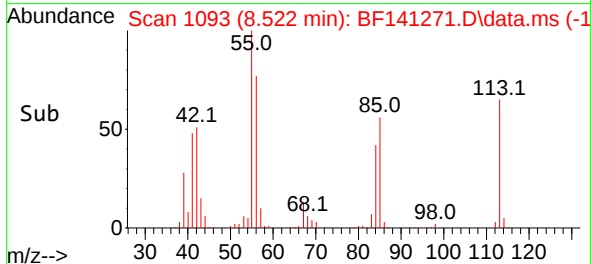
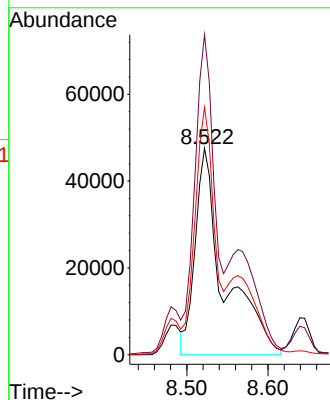
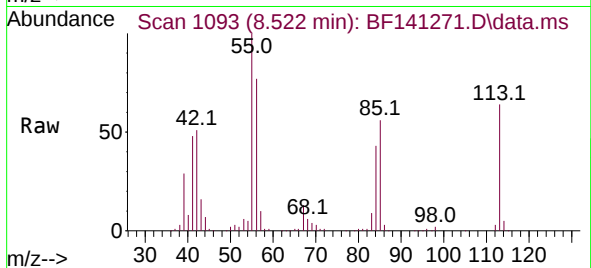
55 155.2 139.7 179.7

56 119.9 99.4 139.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#36

4-Chloro-3-methylphenol

Concen: 46.291 ng

RT: 8.639 min Scan# 1113

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

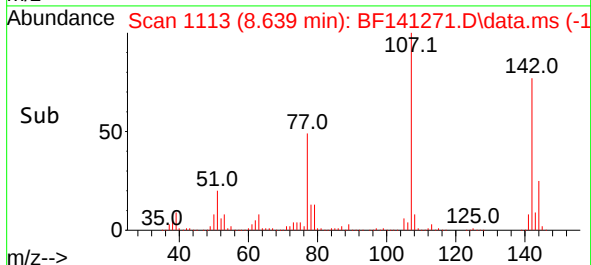
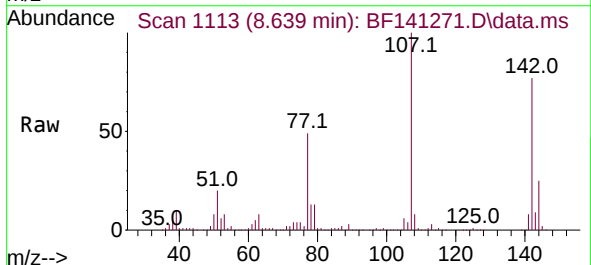
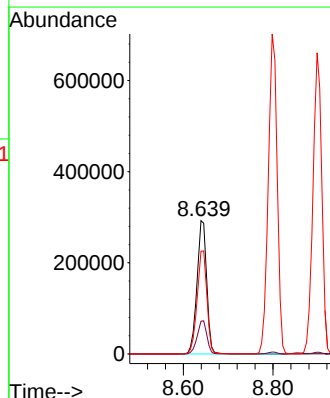
Tgt Ion:107 Resp: 440638

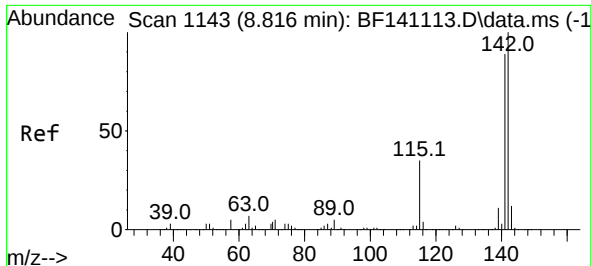
Ion Ratio Lower Upper

107 100

144 24.6 20.4 30.6

142 77.0 62.2 93.2





#37

2-Methylnaphthalene

Concen: 47.416 ng

RT: 8.798 min Scan# 1143

Delta R.T. -0.018 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:142 Resp: 967970

Ion Ratio Lower Upper

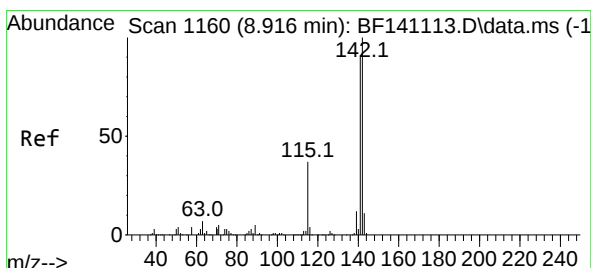
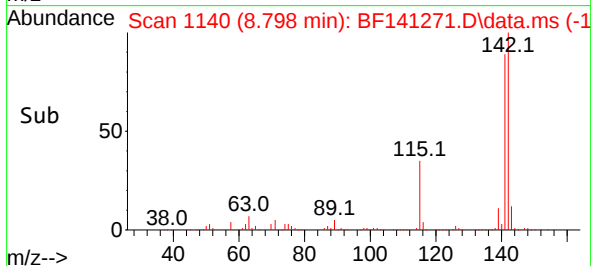
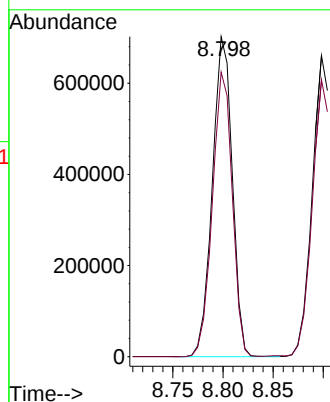
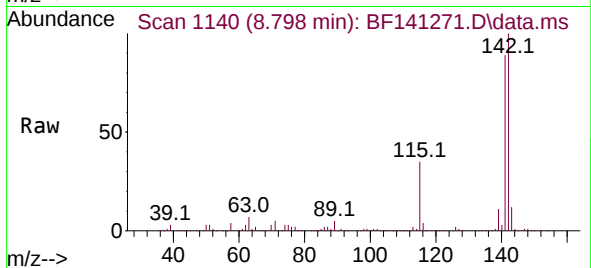
142 100

141 88.9 71.3 106.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#38

1-Methylnaphthalene

Concen: 44.721 ng

RT: 8.898 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BF141271.D

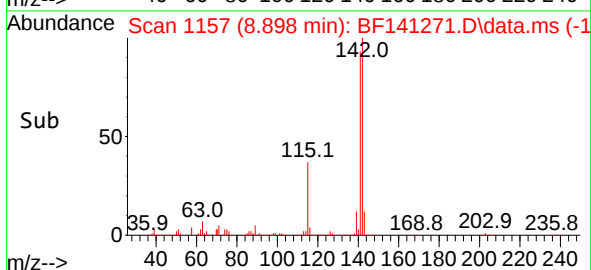
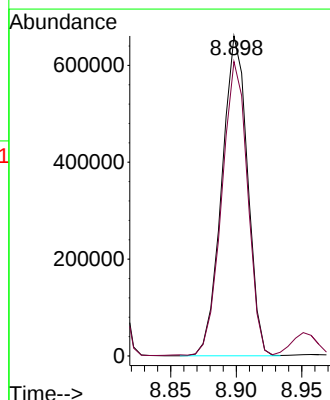
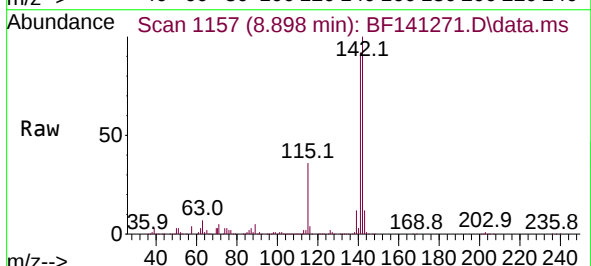
Acq: 27 Jan 2025 14:38

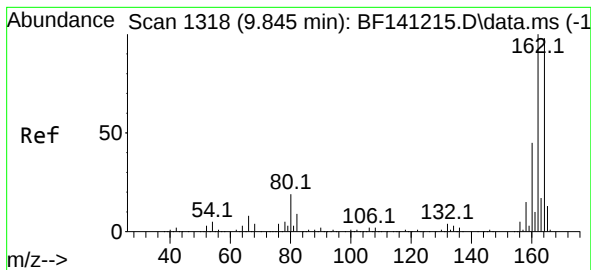
Tgt Ion:142 Resp: 899757

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. -0.018 min

Lab File: BF141271.D

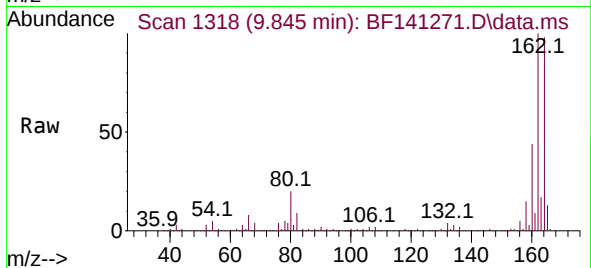
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS



Tgt Ion:164 Resp: 305280

Ion Ratio Lower Upper

164 100

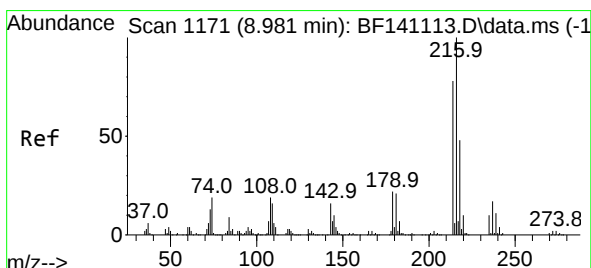
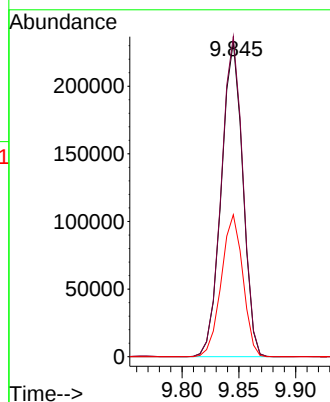
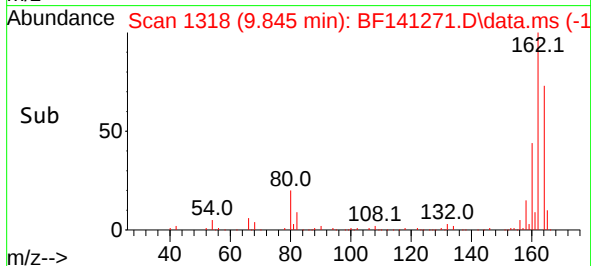
162 101.6 81.0 121.4

160 45.1 36.1 54.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.049 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Tgt Ion:216 Resp: 447310

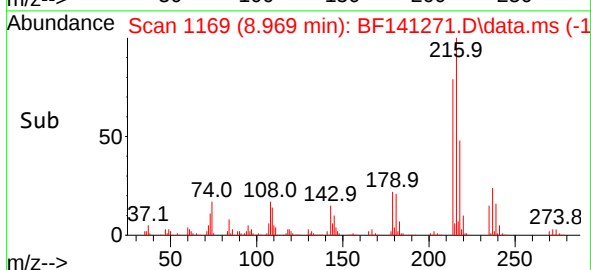
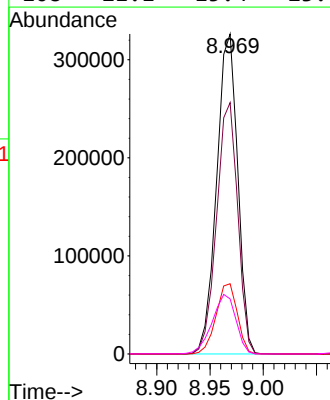
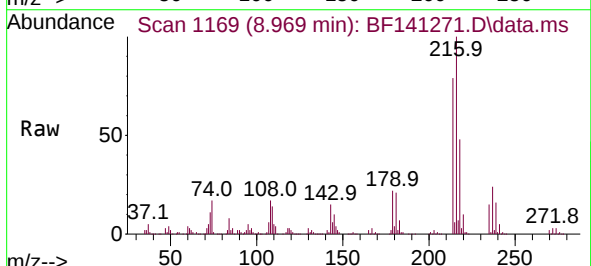
Ion Ratio Lower Upper

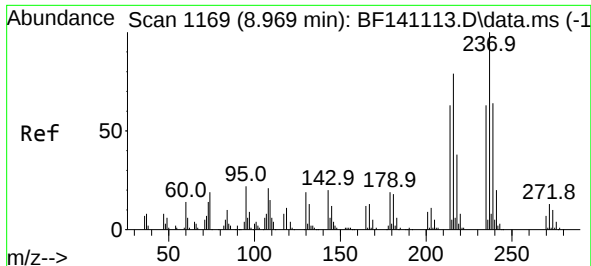
216 100

214 78.6 62.6 94.0

179 22.2 17.7 26.5

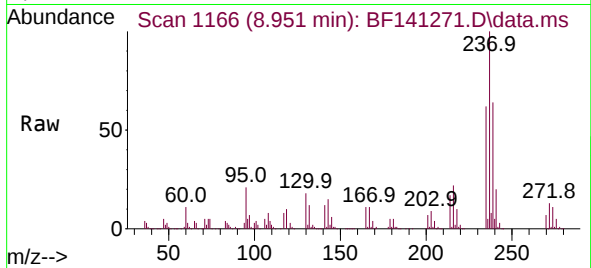
108 21.1 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 190.559 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

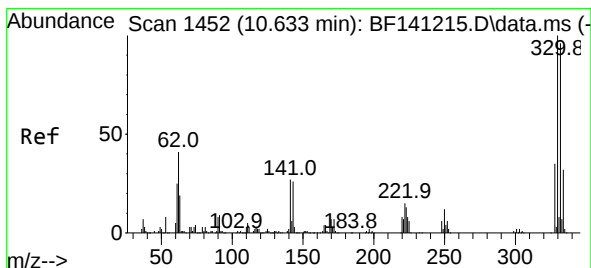
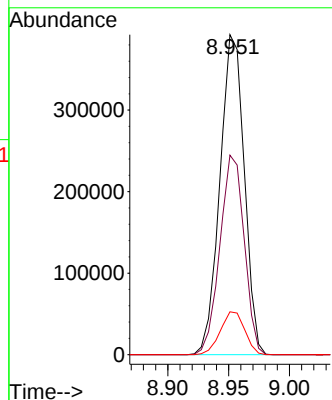
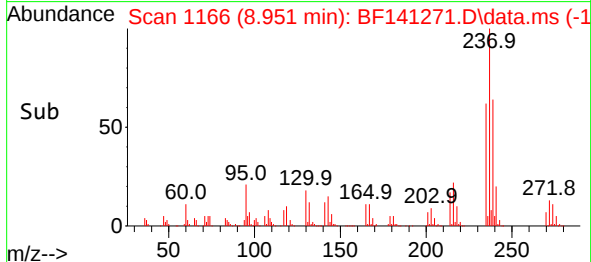
Instrument :
BNA_F
ClientSampleId :
SP-COMPMS



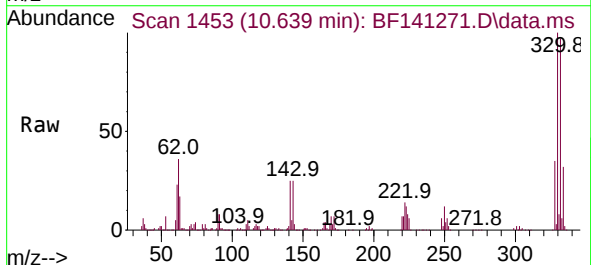
Tgt Ion:237 Resp: 54628
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 13.4 0.0 33.0

Manual Integrations
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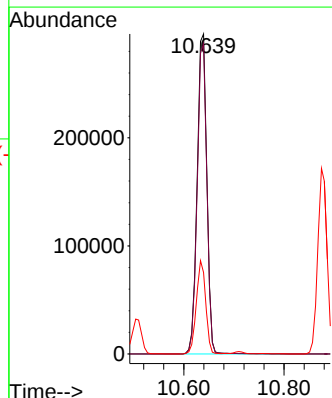
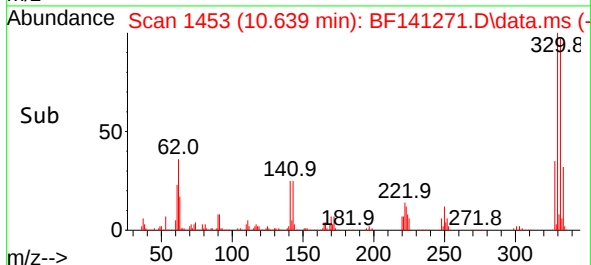
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

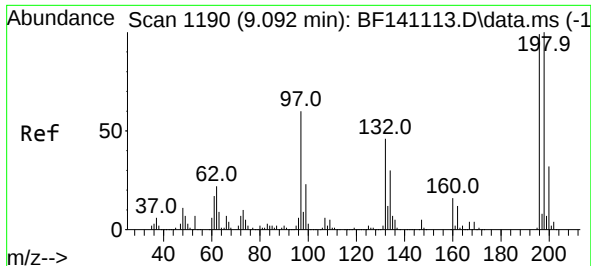


#42
2,4,6-Tribromophenol
Concen: 114.080 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



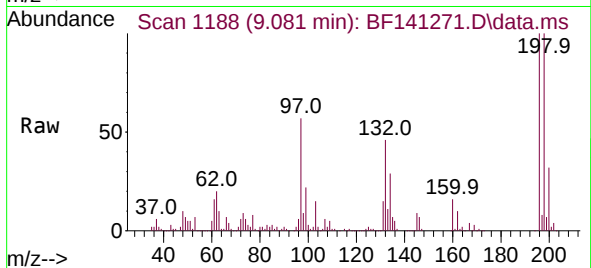
Tgt Ion:330 Resp: 396832
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 28.2 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 50.510 ng
RT: 9.081 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

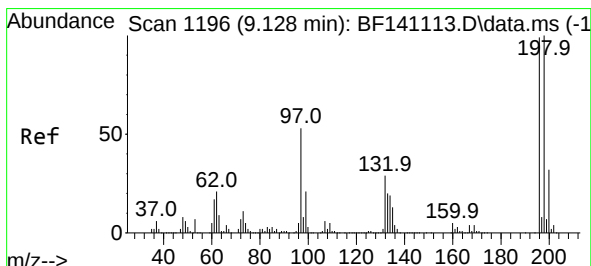
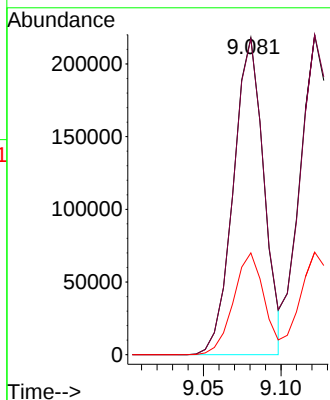
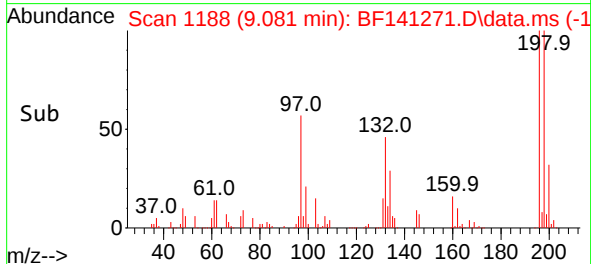
Instrument :
BNA_F
ClientSampleId :
SP-COMPMS



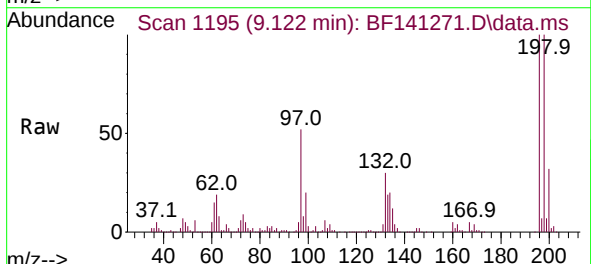
Tgt Ion:196 Resp: 29849
Ion Ratio Lower Upper
196 100
198 99.6 80.8 121.2
200 32.1 25.7 38.5

Manual Integrations
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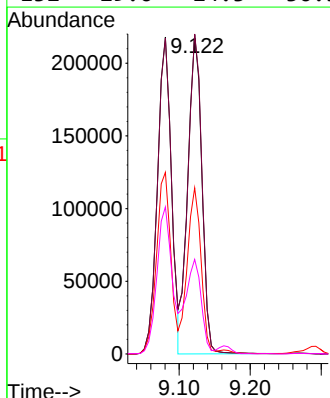
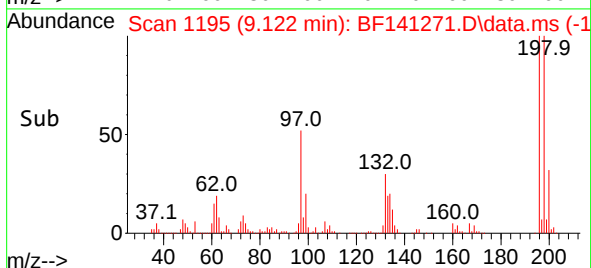
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

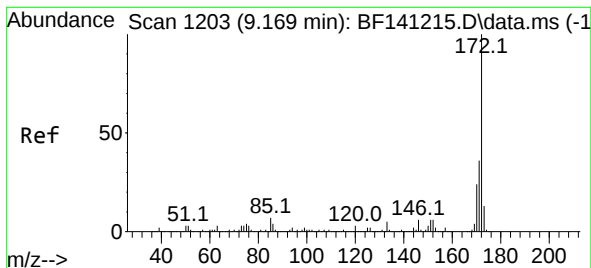


#44
2,4,5-Trichlorophenol
Concen: 48.443 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion:196 Resp: 302346
Ion Ratio Lower Upper
196 100
198 100.2 80.6 120.8
97 52.0 43.1 64.7
132 29.6 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 77.580 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.018 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:172 Resp: 155096

Ion Ratio Lower Upper

172 100

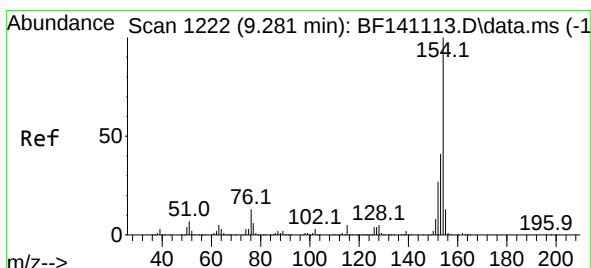
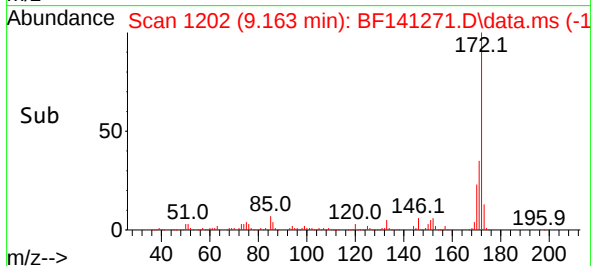
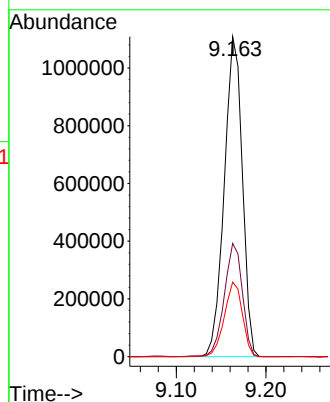
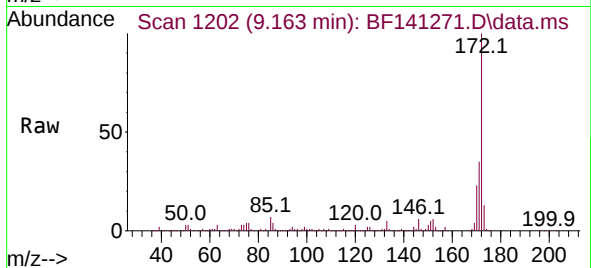
171 35.4 28.7 43.1

170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#46

1,1'-Biphenyl

Concen: 49.759 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

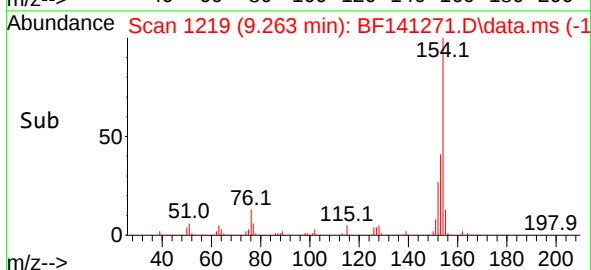
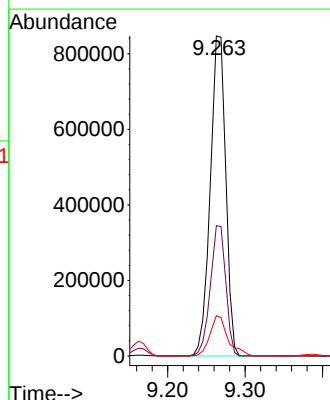
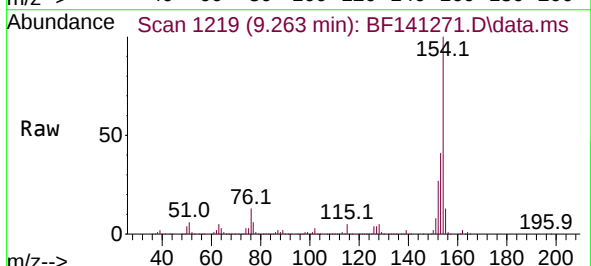
Tgt Ion:154 Resp: 1179718

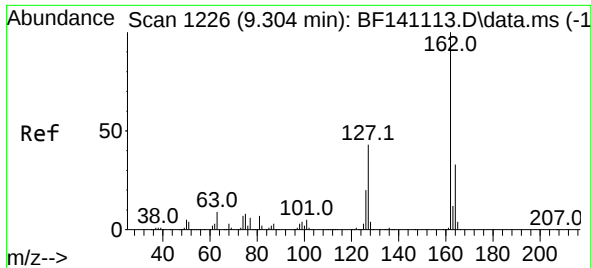
Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

76 12.6 0.0 33.1





#47
 2-Chloronaphthalene
 Concen: 47.859 ng
 RT: 9.292 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141271.D
 Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

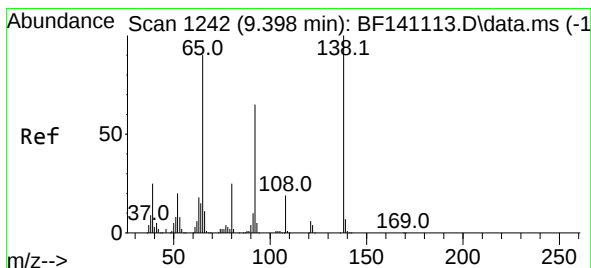
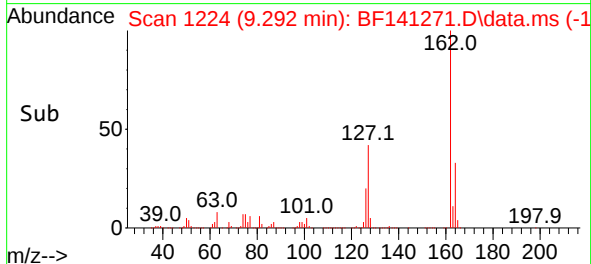
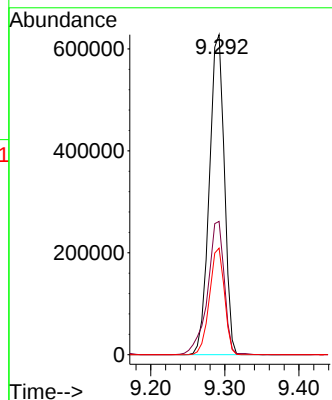
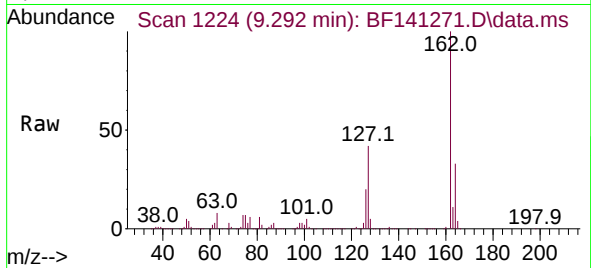
ClientSampleId :

SP-COMPMS

Tgt Ion:162 Resp: 883759
 Ion Ratio Lower Upper
 162 100
 127 41.7 34.6 51.8
 164 33.3 26.5 39.7

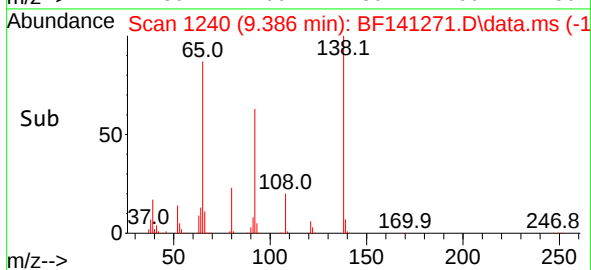
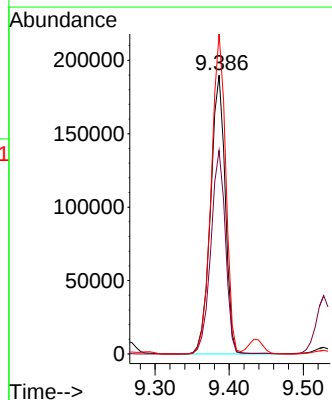
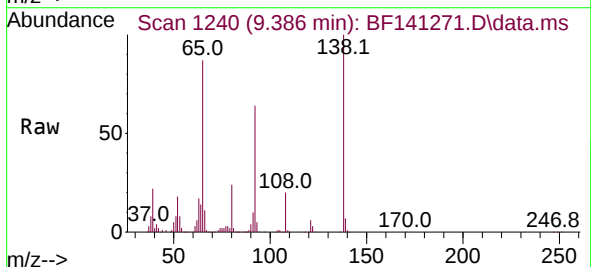
Manual Integrations
 APPROVED

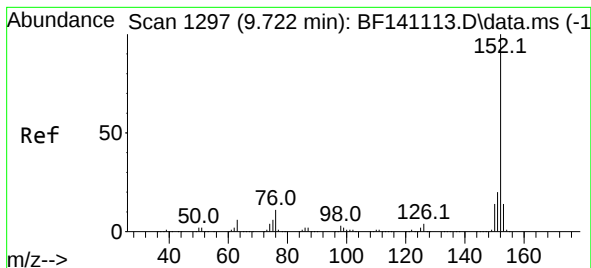
Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025



#48
 2-Nitroaniline
 Concen: 47.686 ng
 RT: 9.386 min Scan# 1240
 Delta R.T. -0.012 min
 Lab File: BF141271.D
 Acq: 27 Jan 2025 14:38

Tgt Ion: 65 Resp: 261029
 Ion Ratio Lower Upper
 65 100
 92 73.0 58.3 87.5
 138 114.8 89.1 133.7





#49

Acenaphthylene

Concen: 51.349 ng

RT: 9.704 min Scan# 1294

Delta R.T. -0.018 min

Lab File: BF141271.D

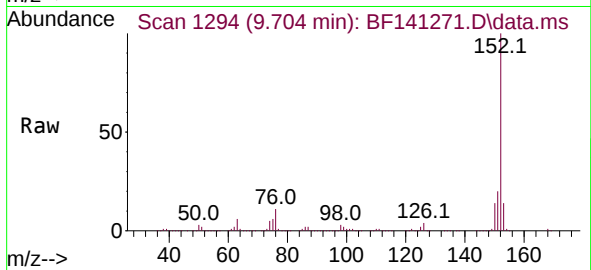
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS



Tgt Ion:152 Resp: 1354719

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

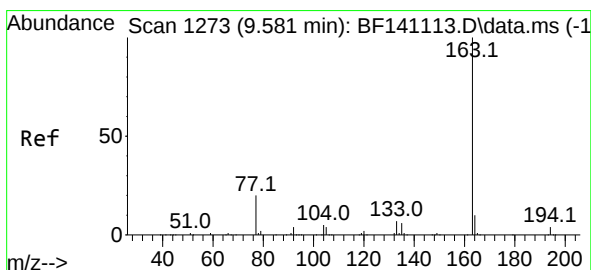
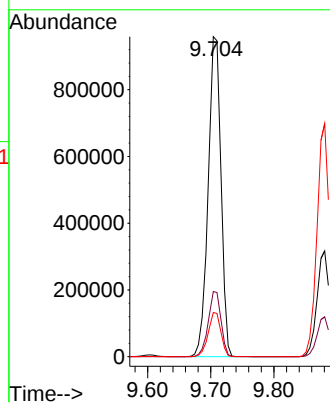
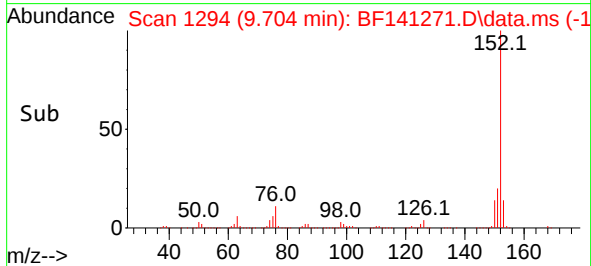
153 13.8 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#50

Dimethylphthalate

Concen: 49.408 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

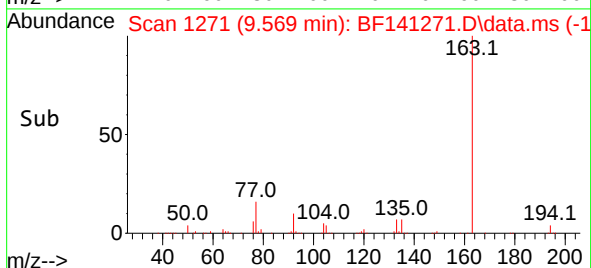
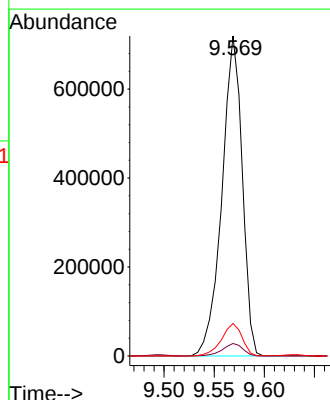
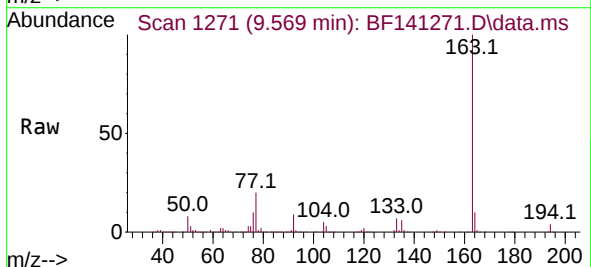
Tgt Ion:163 Resp: 1012627

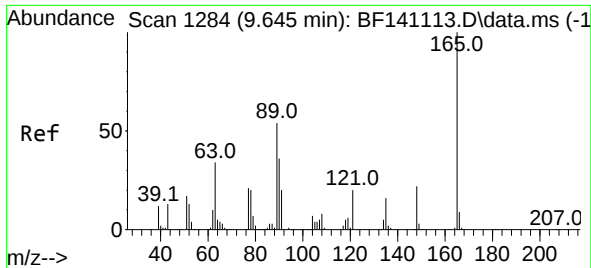
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 47.252 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

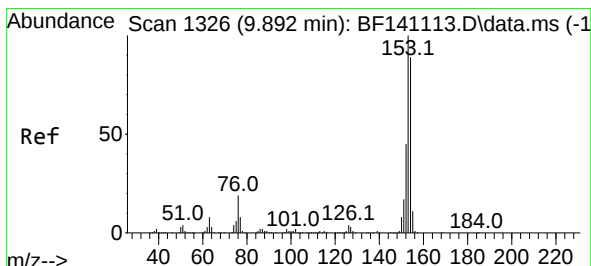
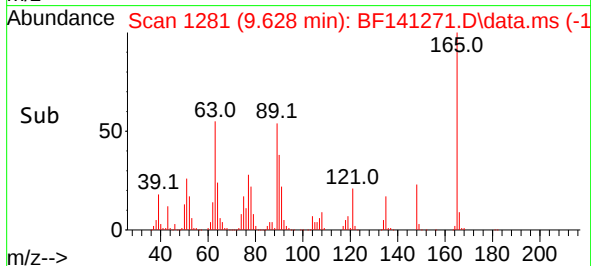
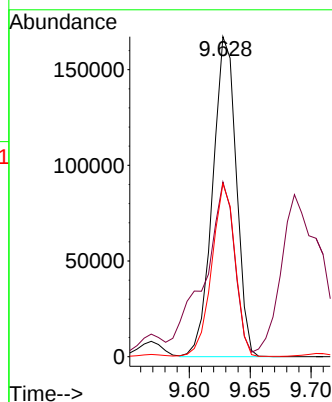
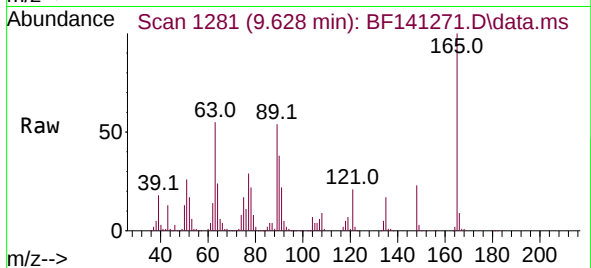
SP-COMPMS

Tgt Ion:165 Resp: 225200
Ion Ratio Lower Upper
165 100
63 54.6 42.3 63.5
89 54.0 43.1 64.7

Manual Integrations

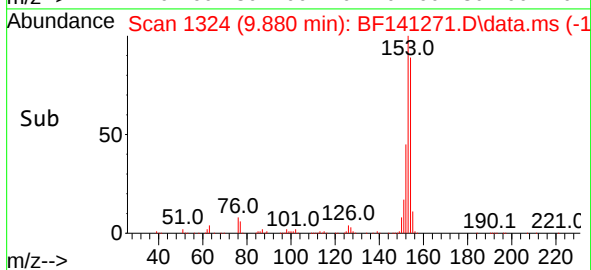
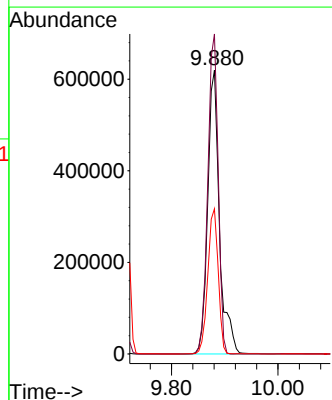
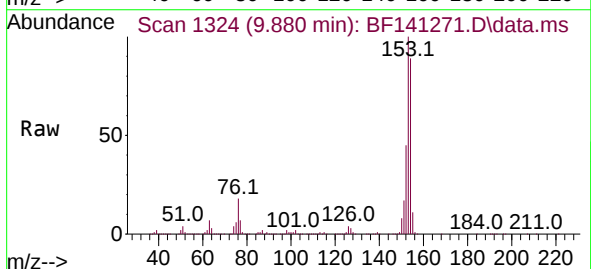
APPROVED

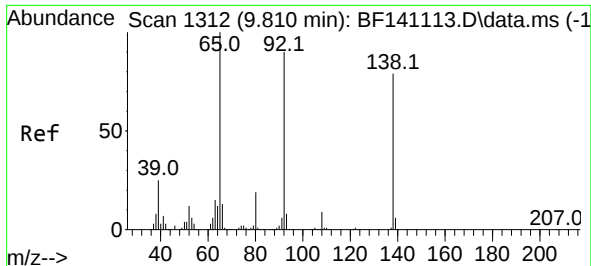
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#52
Acenaphthene
Concen: 51.651 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:154 Resp: 952041
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.6
152 51.1 40.8 61.2





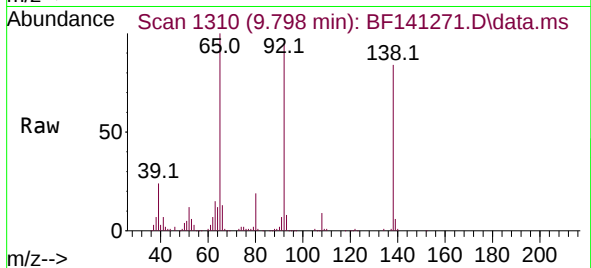
#53
3-Nitroaniline
Concen: 28.829 ng
RT: 9.798 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

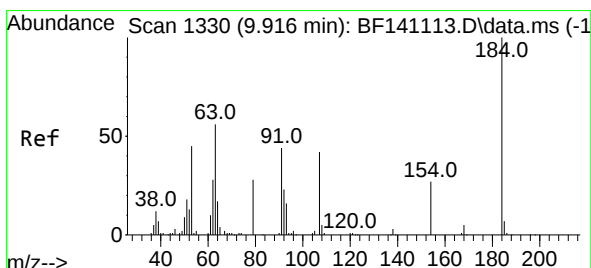
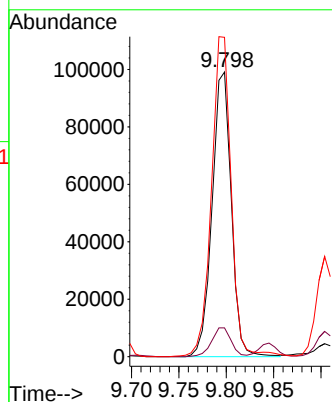
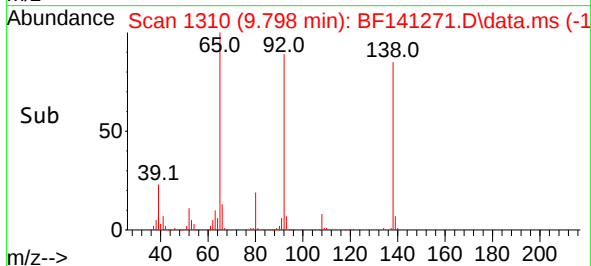


Tgt Ion:138 Resp: 139620
Ion Ratio Lower Upper
138 100
108 10.1 8.8 13.2
92 112.2 91.3 136.9

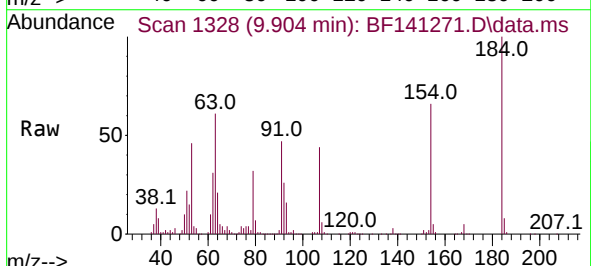
Manual Integrations

APPROVED

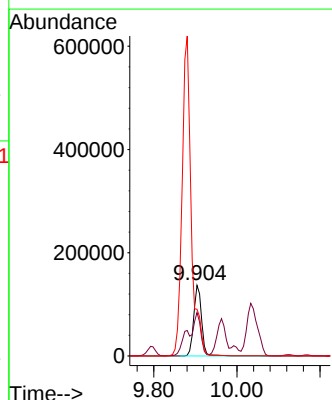
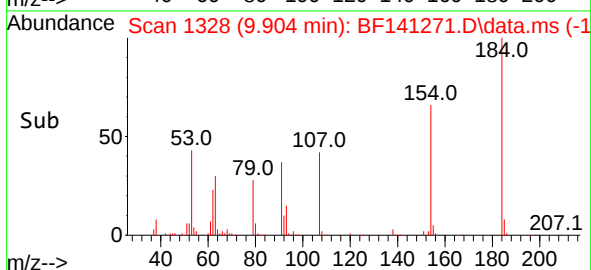
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

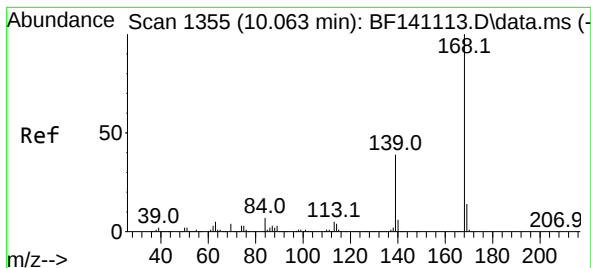


#54
2,4-Dinitrophenol
Concen: 79.155 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion:184 Resp: 179318
Ion Ratio Lower Upper
184 100
63 61.3 48.7 73.1
154 66.1 57.1 85.7





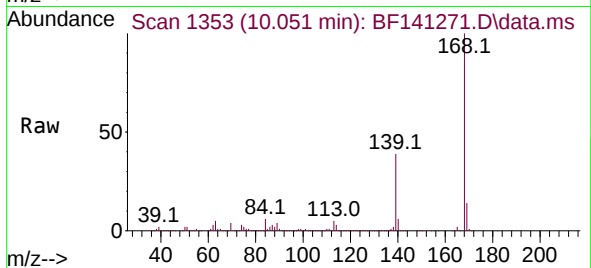
#55
Dibenzenofuran
Concen: 48.860 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

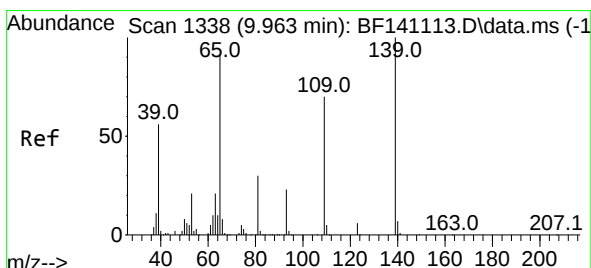
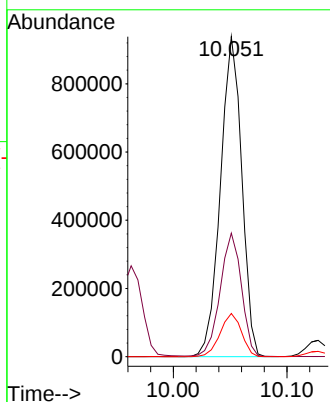
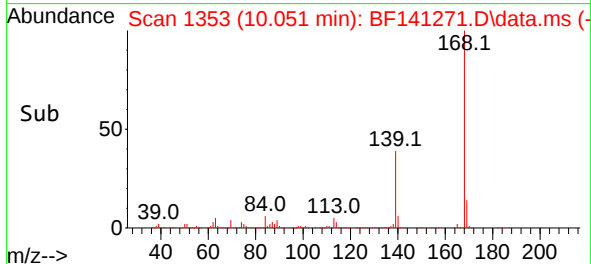


Tgt Ion:168 Resp: 122497
Ion Ratio Lower Upper
168 100
139 38.6 31.4 47.0
169 13.5 10.9 16.3

Manual Integrations

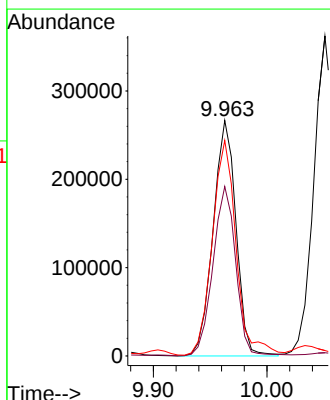
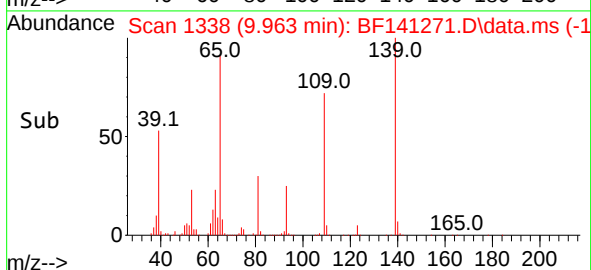
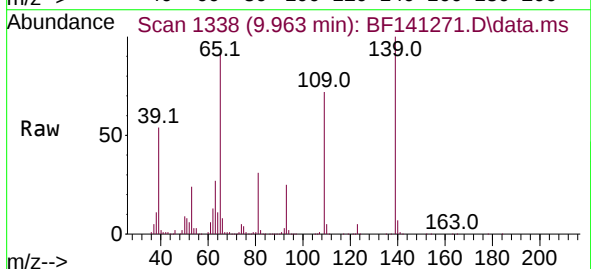
APPROVED

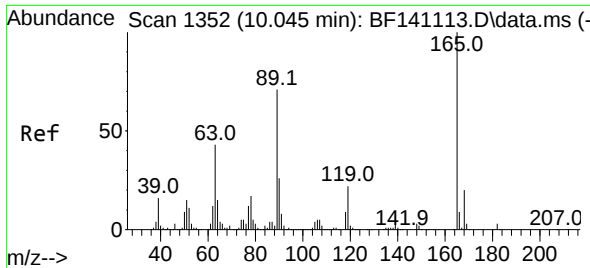
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#56
4-Nitrophenol
Concen: 98.424 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:139 Resp: 373334
Ion Ratio Lower Upper
139 100
109 71.9 50.2 90.2
65 91.5 72.1 112.1





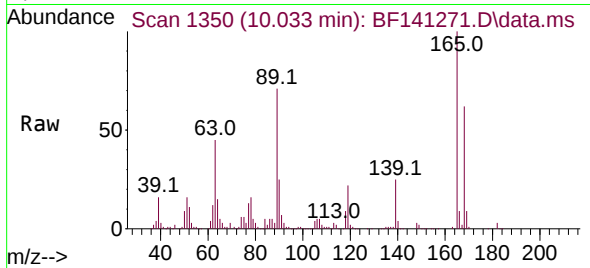
#57
2,4-Dinitrotoluene
Concen: 49.103 ng
RT: 10.033 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

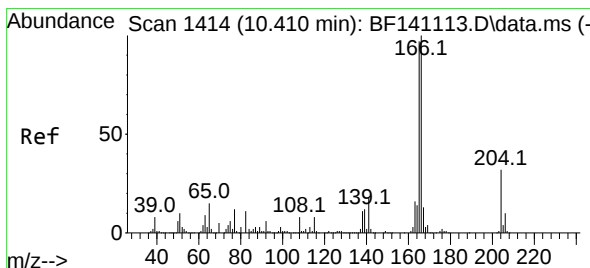
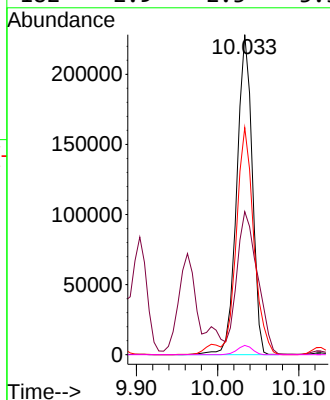
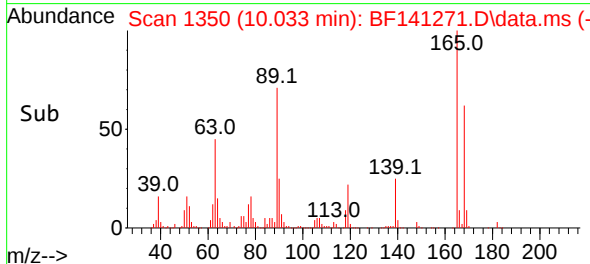


Tgt Ion:165 Resp: 301598
Ion Ratio Lower Upper
165 100
63 44.7 35.0 52.4
89 70.9 56.7 85.1
182 2.9 2.3 3.5

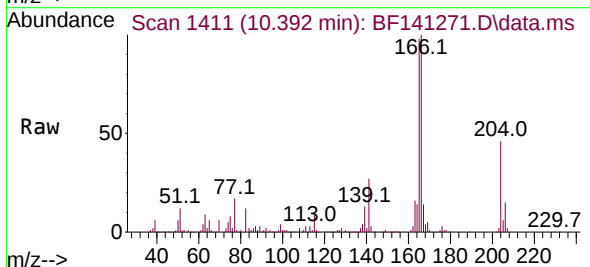
Manual Integrations

APPROVED

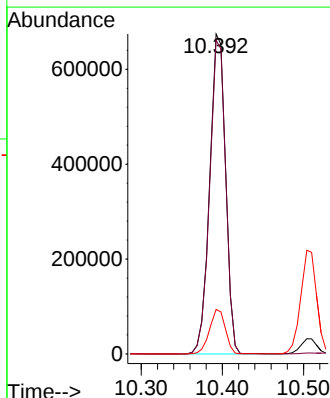
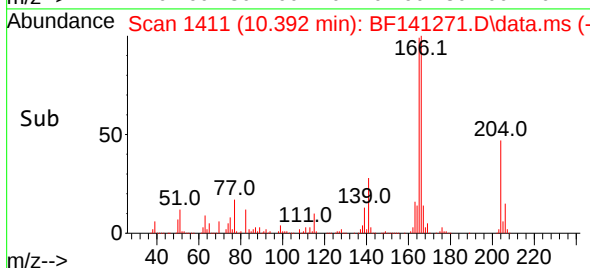
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

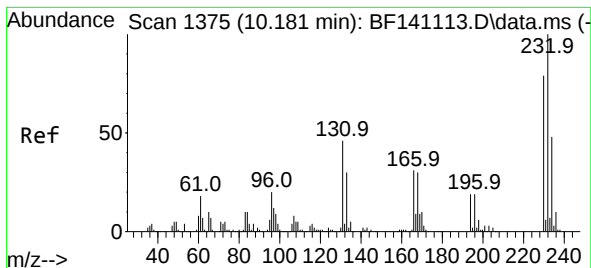


#58
Fluorene
Concen: 47.134 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



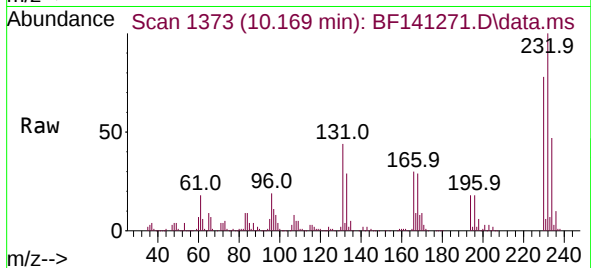
Tgt Ion:166 Resp: 918065
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.8
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.766 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

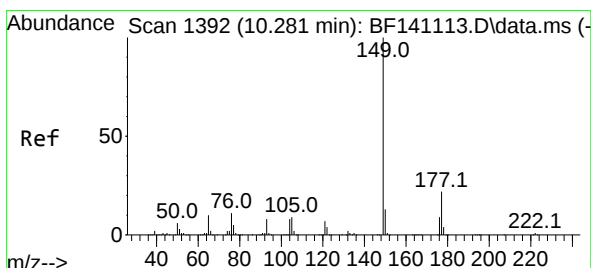
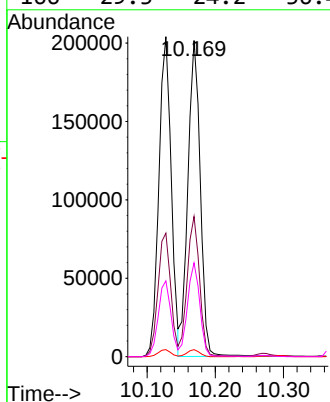
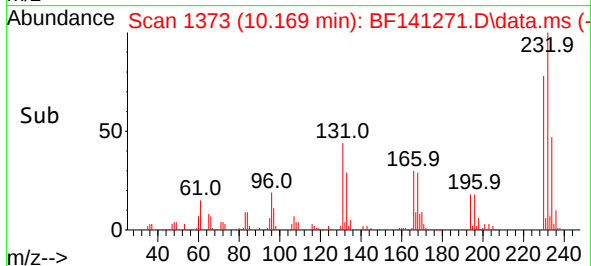
Instrument :
BNA_F
ClientSampleId :
SP-COMPMS



Tgt Ion:232 Resp: 252990
Ion Ratio Lower Upper
232 100
131 44.3 36.2 54.4
130 2.3 2.0 3.0
166 29.3 24.2 36.4

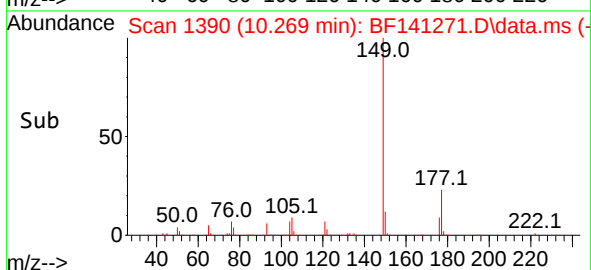
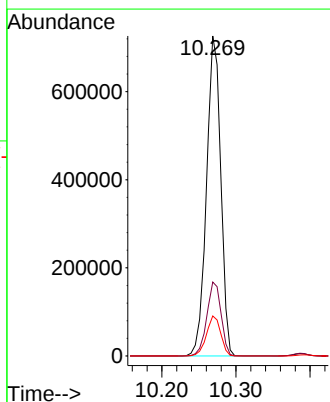
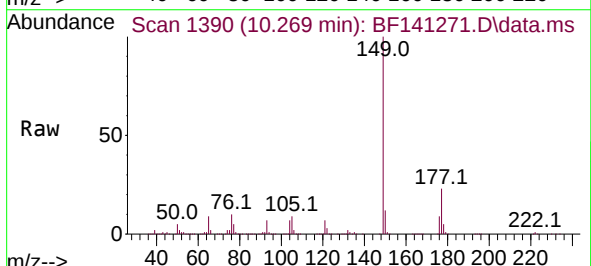
Manual Integrations
APPROVED

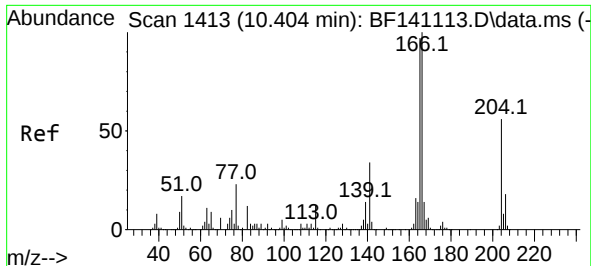
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#60
Diethylphthalate
Concen: 48.398 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:149 Resp: 968367
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.030 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

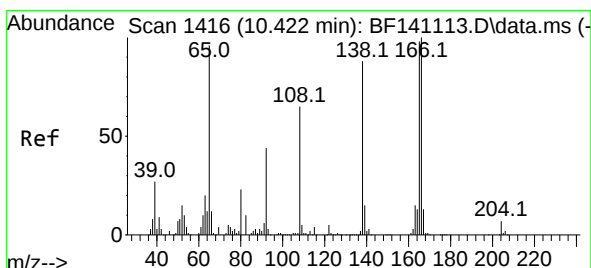
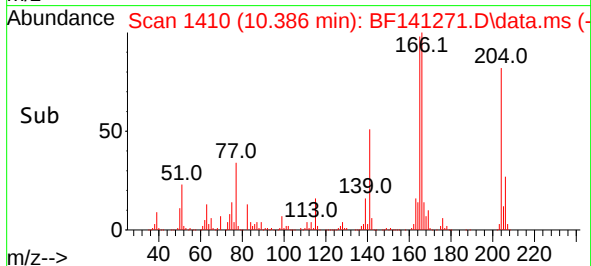
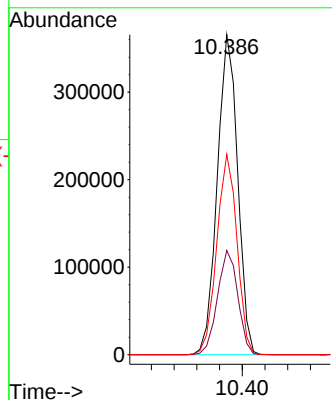
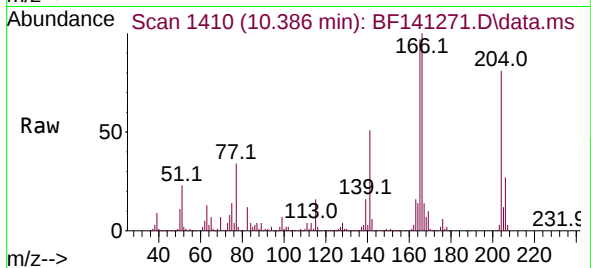
SP-COMPMS

Tgt Ion:204 Resp: 45596
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.6 49.1 73.7

Manual Integrations

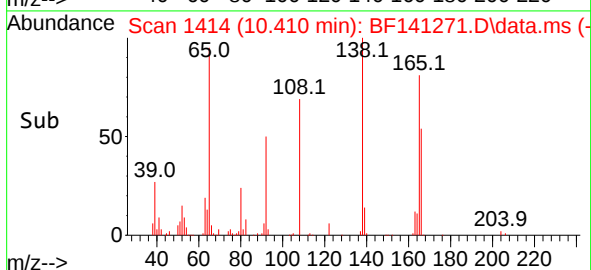
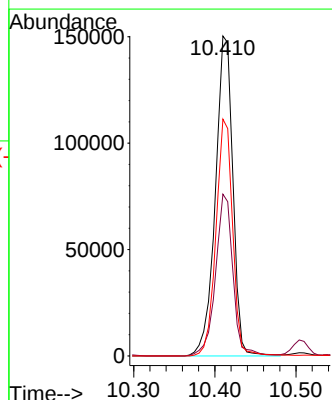
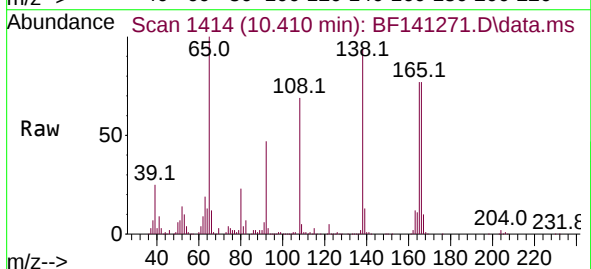
APPROVED

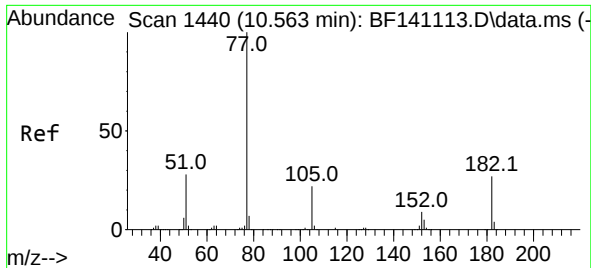
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#62
4-Nitroaniline
Concen: 47.607 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:138 Resp: 225675
Ion Ratio Lower Upper
138 100
92 50.5 29.4 69.4
108 74.0 53.7 93.7





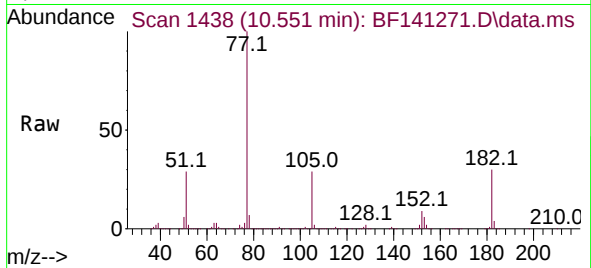
#63
Azobenzene
Concen: 51.561 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

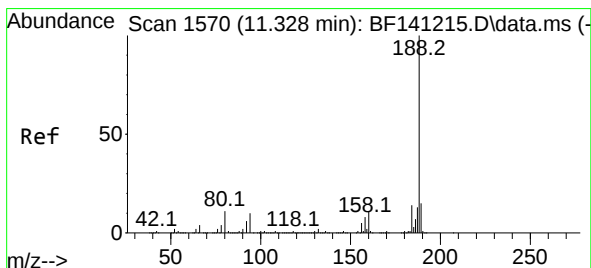
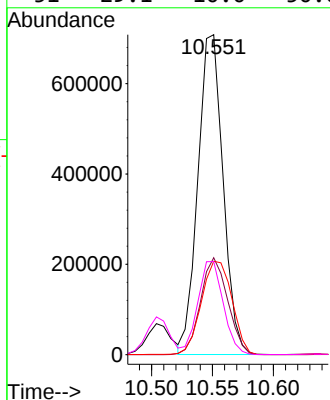
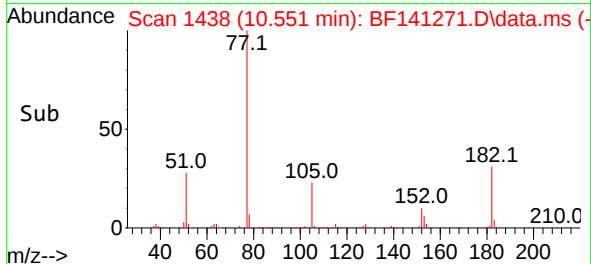


Tgt Ion: 77 Resp: 1017954
Ion Ratio Lower Upper
77 100
182 30.3 6.1 46.1
105 29.2 2.1 42.1
51 29.1 10.0 50.0

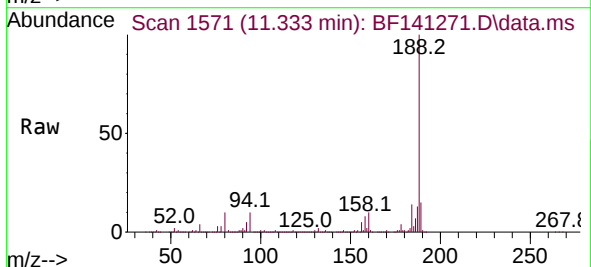
Manual Integrations

APPROVED

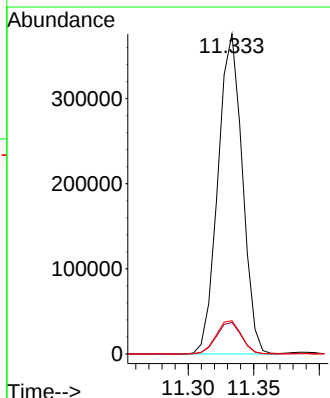
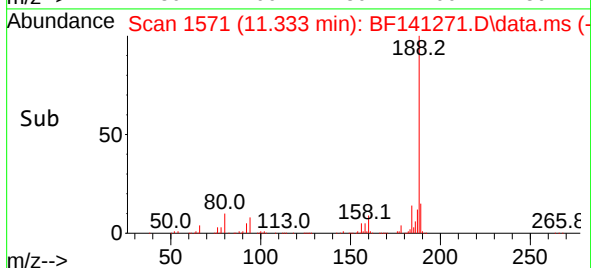
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

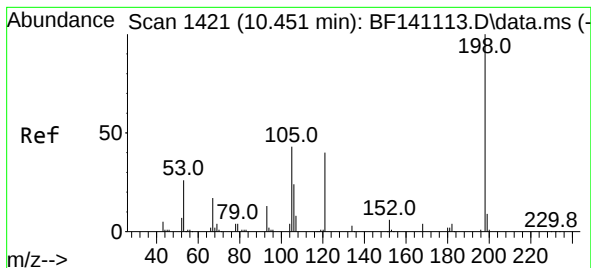


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion:188 Resp: 486603
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.4 9.0 13.4





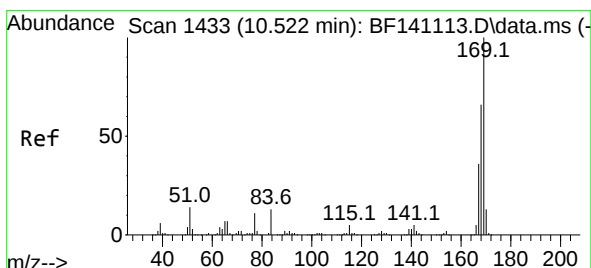
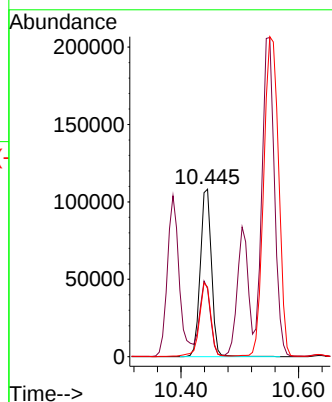
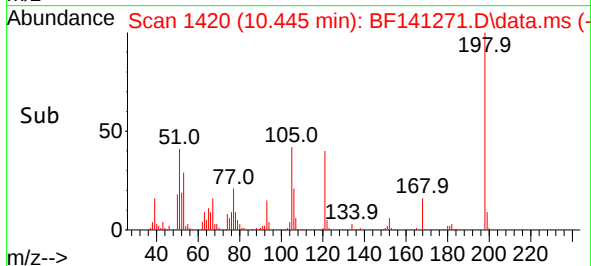
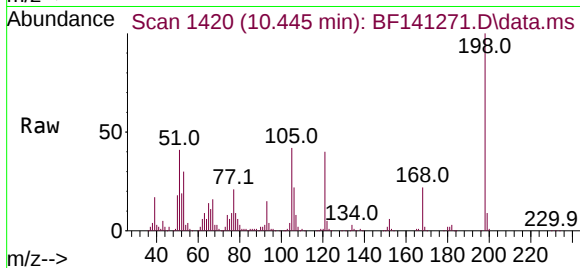
#65
4,6-Dinitro-2-methylphenol
Concen: 50.605 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :
BNA_F
ClientSampleId :
SP-COMPMS

Tgt Ion:198 Resp: 142691
Ion Ratio Lower Upper
198 100
51 40.6 27.1 67.1
105 41.5 24.2 64.2

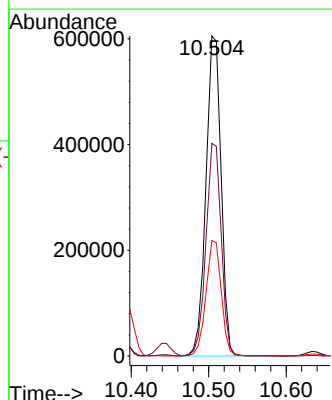
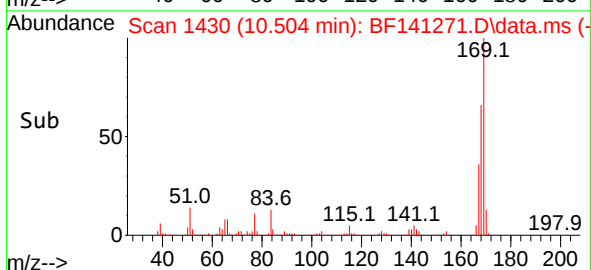
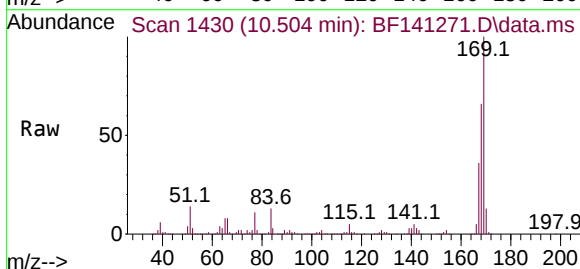
Manual Integrations
APPROVED

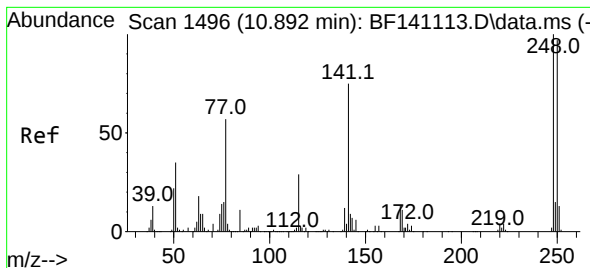
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#66
n-Nitrosodiphenylamine
Concen: 52.313 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:169 Resp: 821061
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 53.130 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

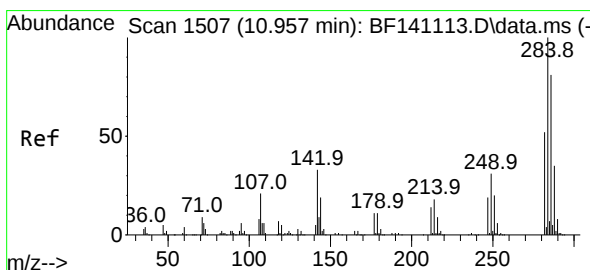
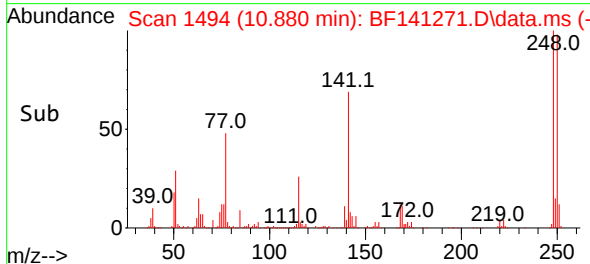
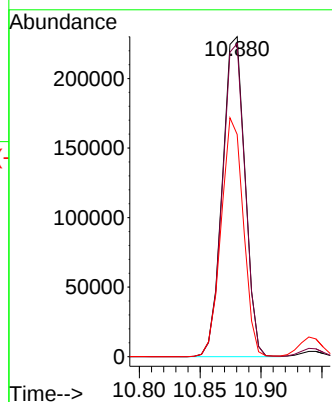
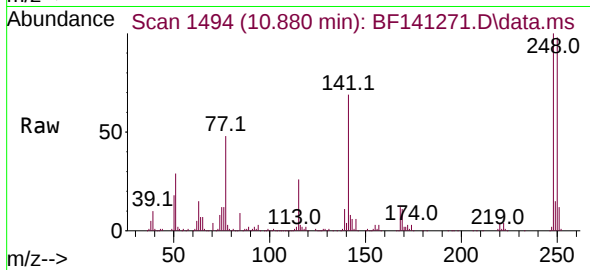
SP-COMPMS

Tgt Ion:248 Resp: 297640
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 69.4 59.9 89.9

Manual Integrations

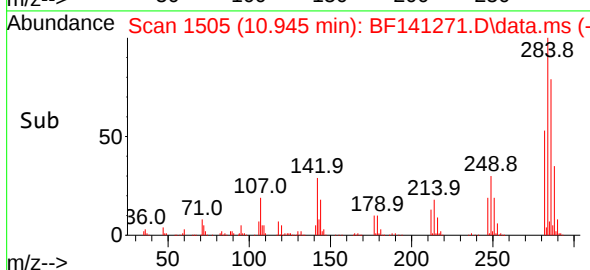
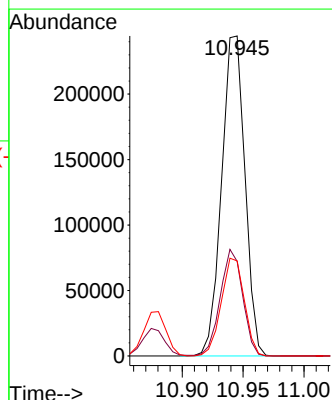
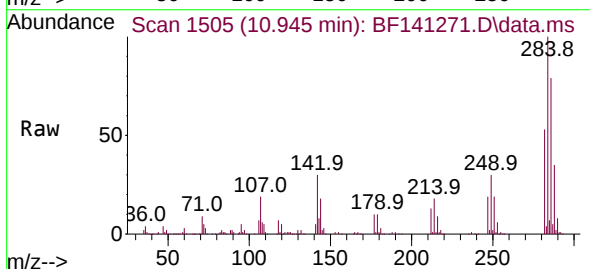
APPROVED

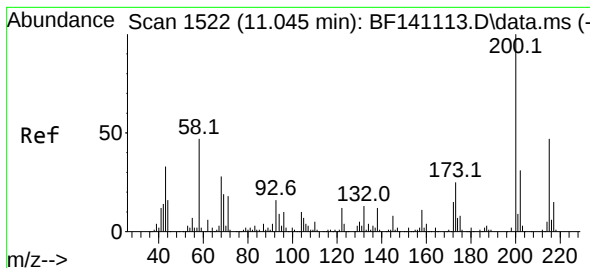
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#68
Hexachlorobenzene
Concen: 52.255 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:284 Resp: 325884
Ion Ratio Lower Upper
284 100
142 29.6 26.3 39.5
249 29.7 24.9 37.3





#69

Atrazine

Concen: 64.098 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:200 Resp: 270880

Ion Ratio Lower Upper

200 100

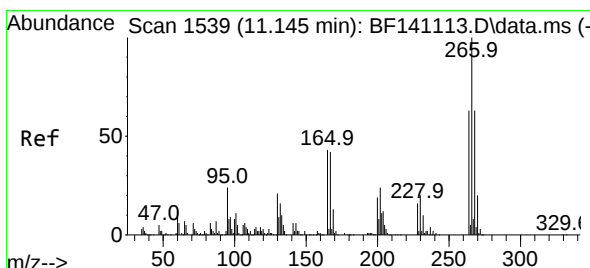
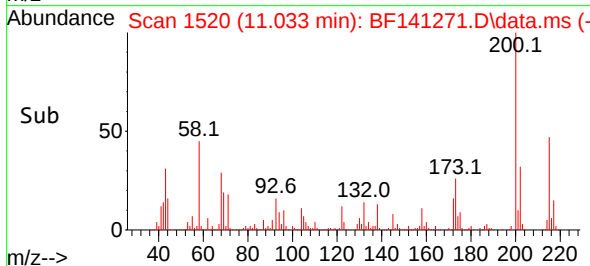
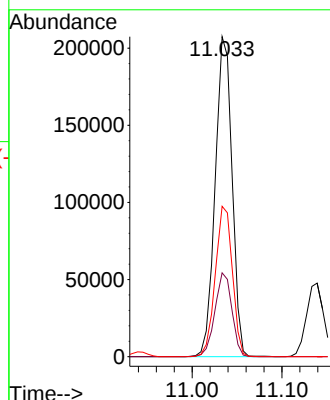
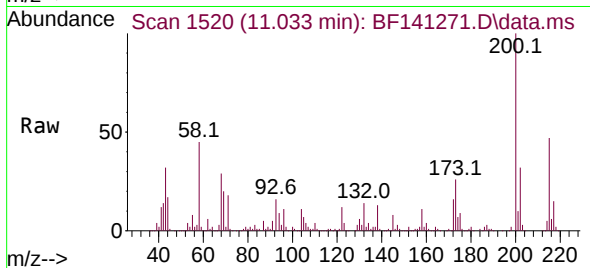
173 26.2 5.4 45.4

215 47.0 26.6 66.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#70

Pentachlorophenol

Concen: 89.084 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

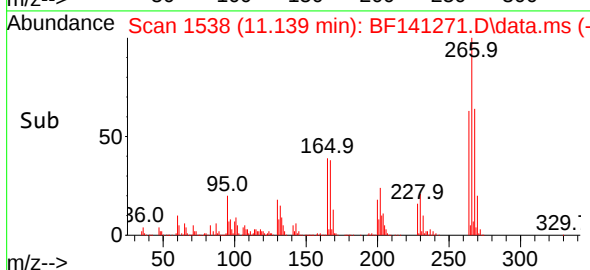
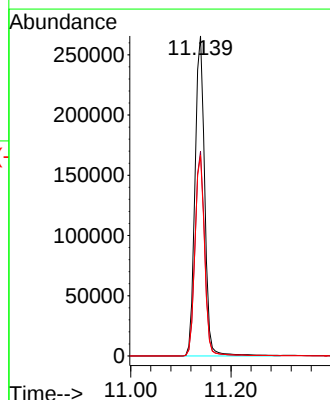
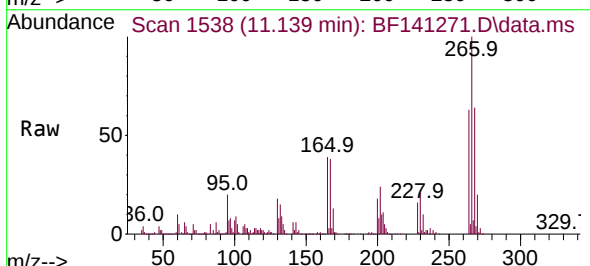
Tgt Ion:266 Resp: 355783

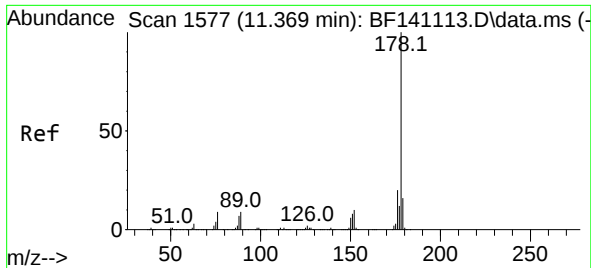
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 62.7 50.2 75.2





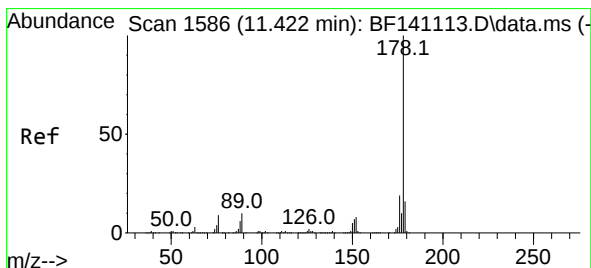
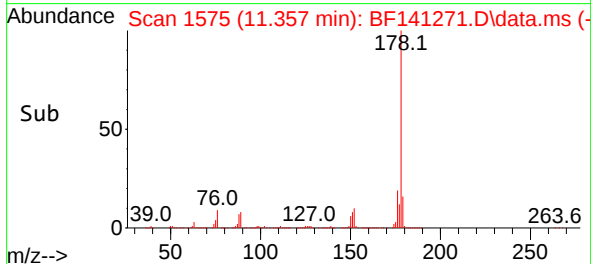
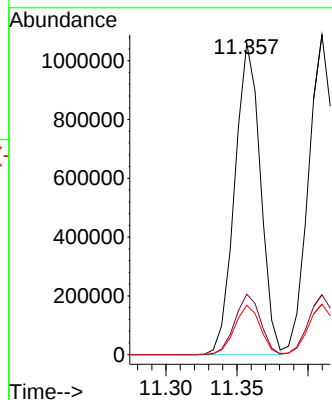
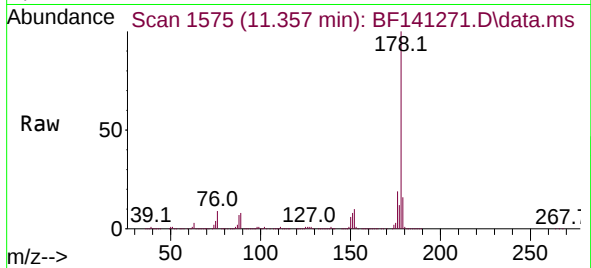
#71
Phenanthrene
Concen: 51.113 ng
RT: 11.357 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :
BNA_F
ClientSampleId :
SP-COMPMS

Tgt Ion:178 Resp: 133527
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.9 12.6 19.0

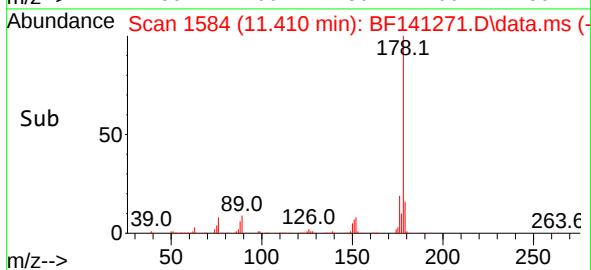
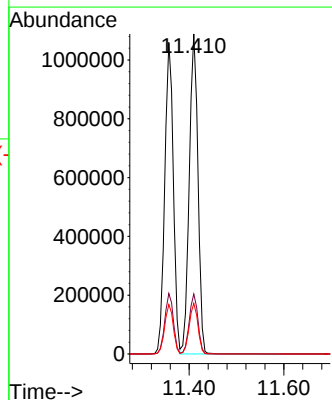
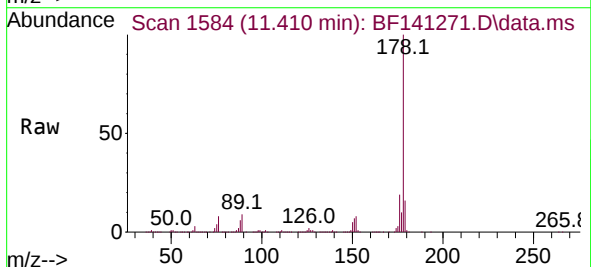
Manual Integrations
APPROVED

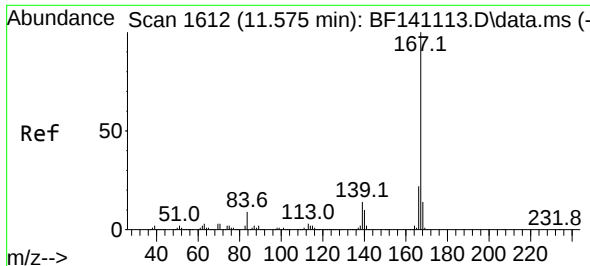
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Anthracene
Concen: 54.236 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:178 Resp: 1377681
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.8 12.6 19.0





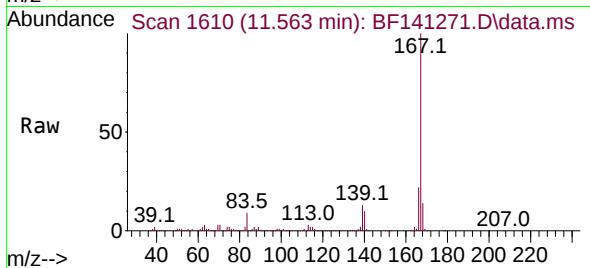
#73
 Carbazole
 Concen: 51.083 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141271.D
 Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

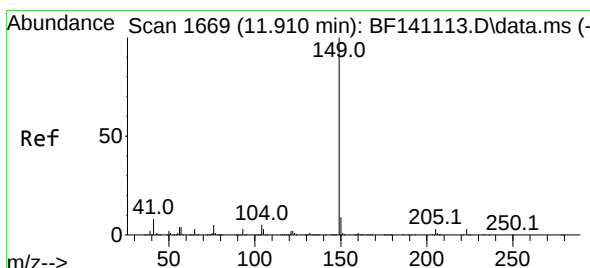
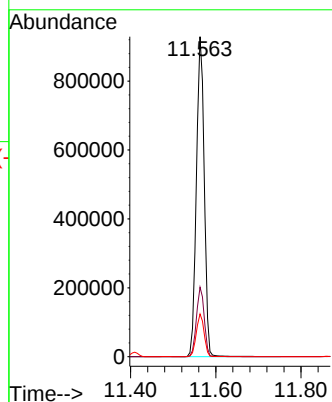
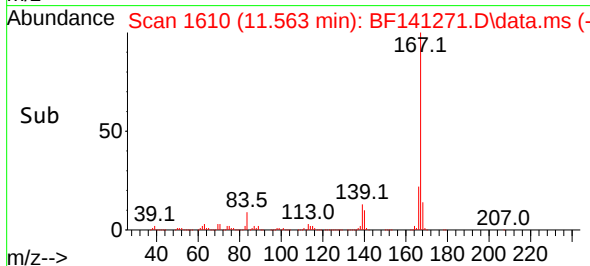


Tgt Ion:167 Resp: 118981
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.3 10.9 16.3

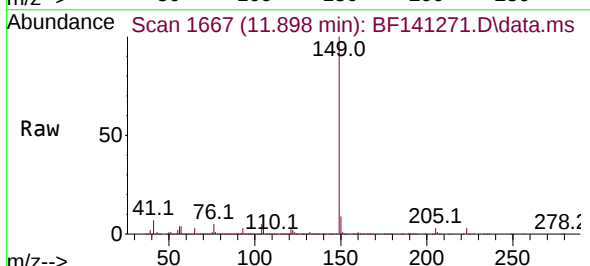
Manual Integrations

APPROVED

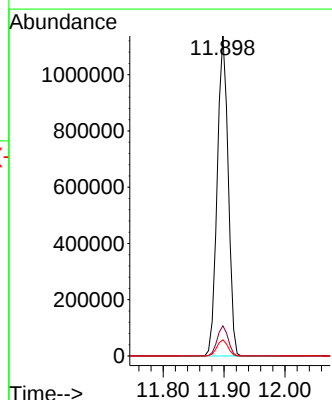
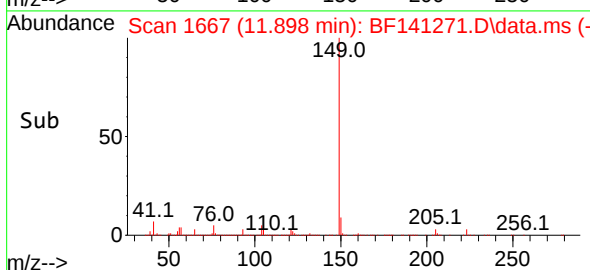
Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

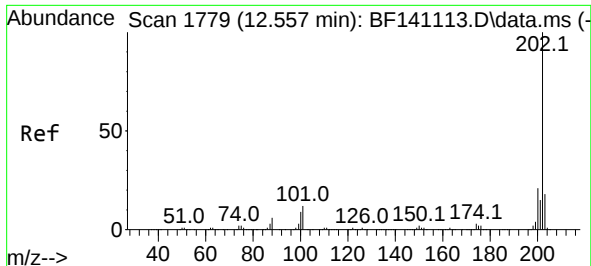


#74
 Di-n-butylphthalate
 Concen: 53.206 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141271.D
 Acq: 27 Jan 2025 14:38



Tgt Ion:149 Resp: 1418227
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 52.358 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

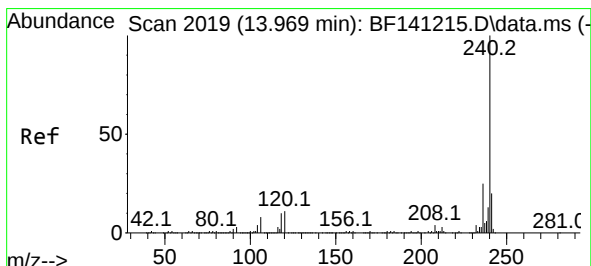
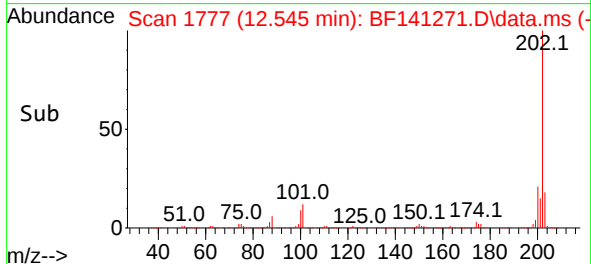
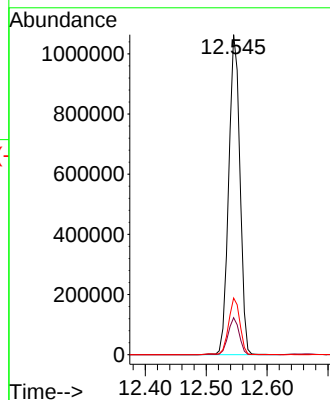
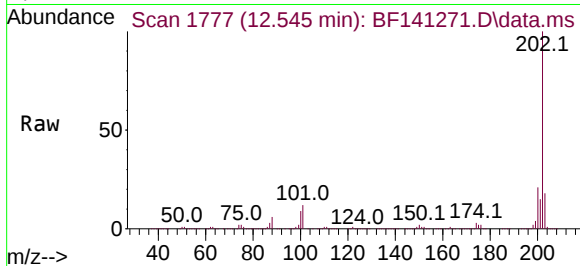
SP-COMPMS

Tgt Ion:202 Resp: 1364938
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 17.7 0.0 37.7

Manual Integrations

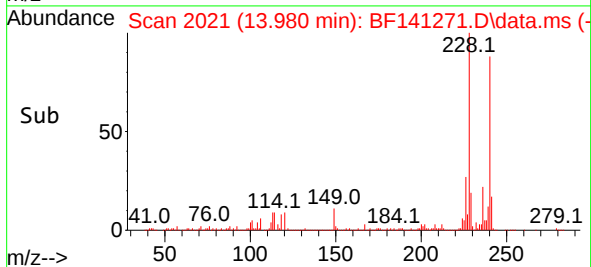
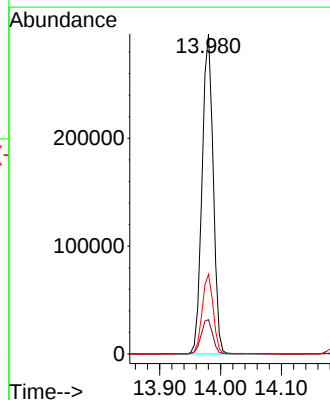
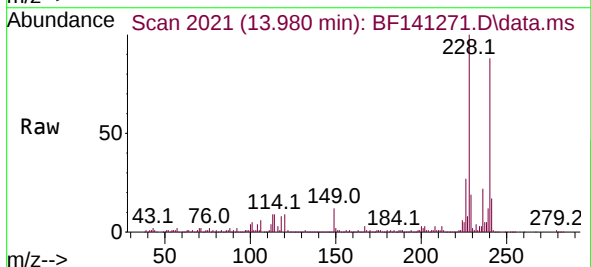
APPROVED

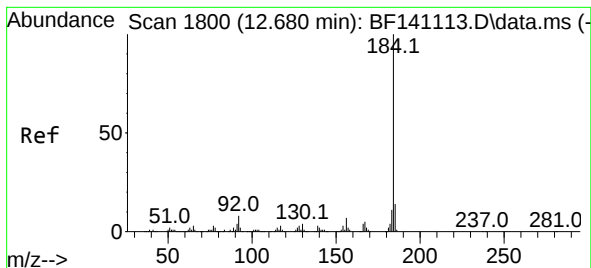
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:240 Resp: 375115
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 24.9 19.8 29.6





#77

Benzidine

Concen: 60.317 ng

RT: 12.669 min Scan# 1798

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:184 Resp: 419579

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

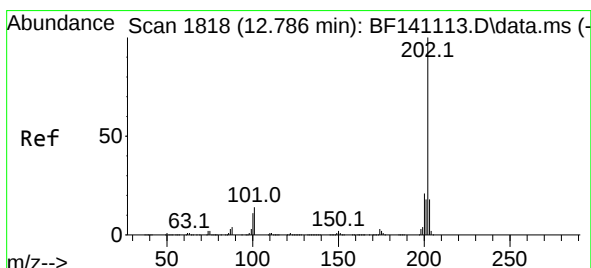
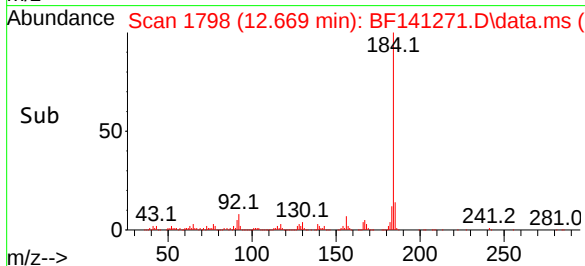
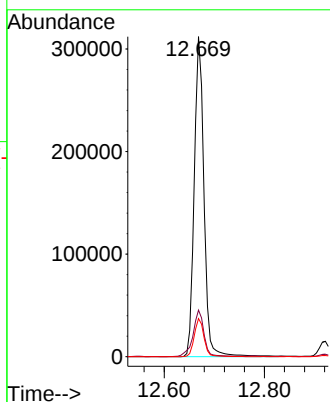
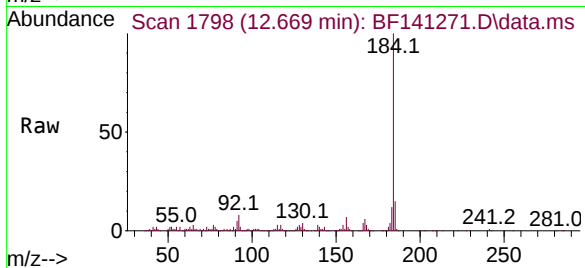
183 11.9 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#78

Pyrene

Concen: 38.864 ng

RT: 12.774 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

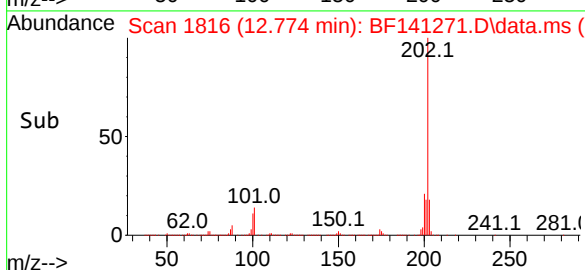
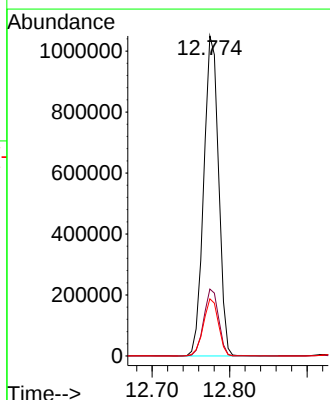
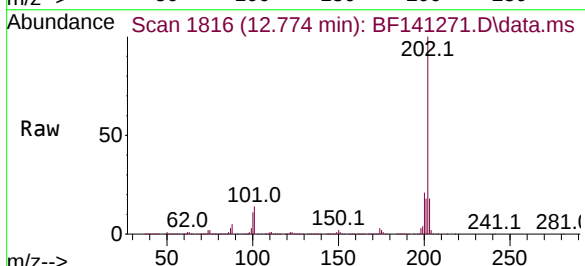
Tgt Ion:202 Resp: 1392417

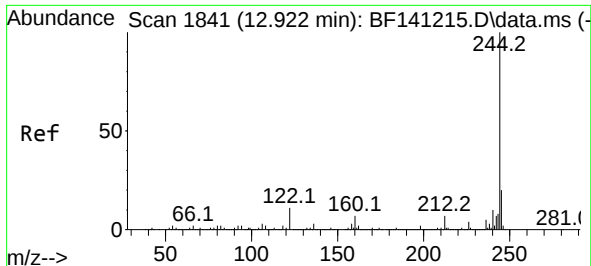
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.9 14.3 21.5





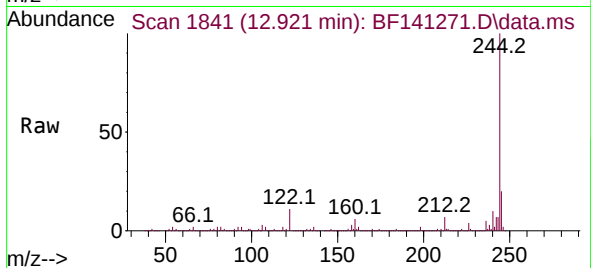
#79
Terphenyl-d14
Concen: 61.609 ng
RT: 12.921 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

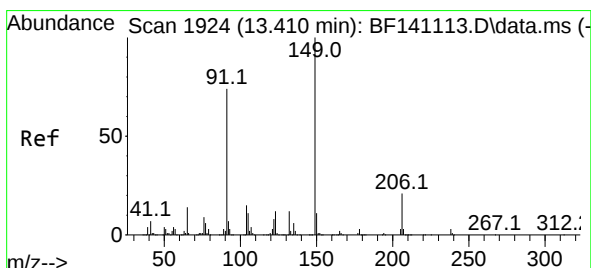
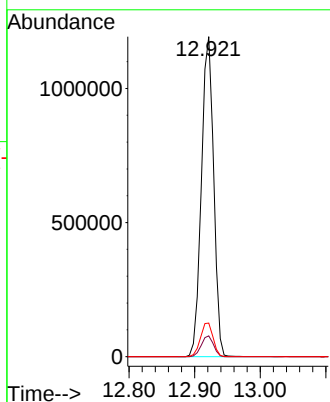
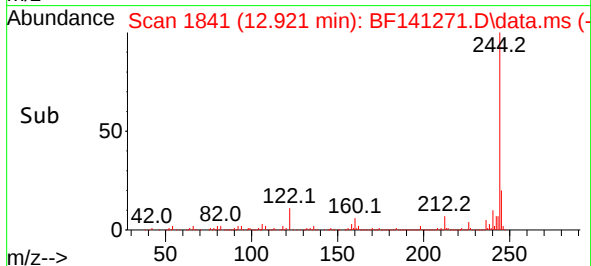


Tgt Ion:244 Resp: 155489
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.5 8.8 13.2

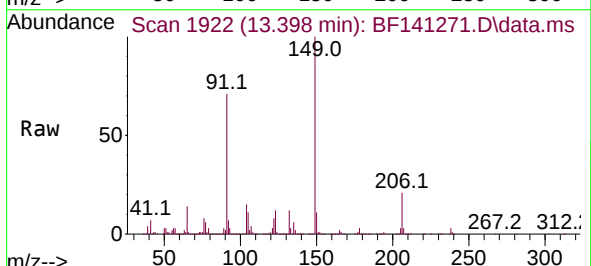
Manual Integrations

APPROVED

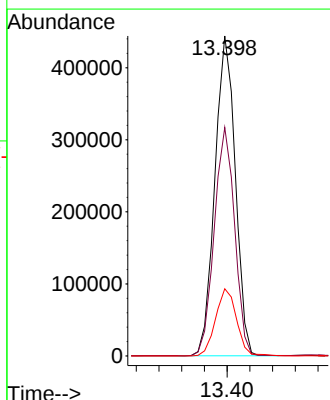
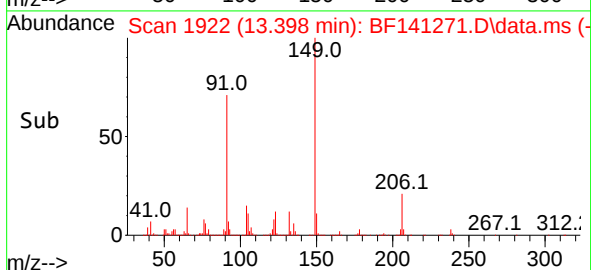
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

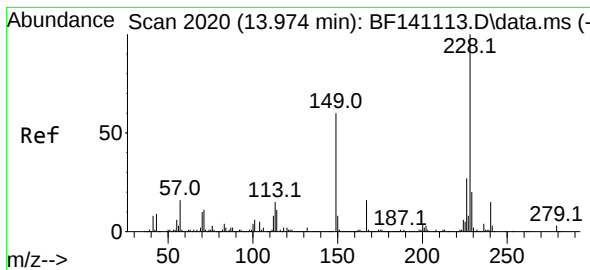


#80
Butylbenzylphthalate
Concen: 46.501 ng
RT: 13.398 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion:149 Resp: 555474
Ion Ratio Lower Upper
149 100
91 71.4 59.0 88.6
206 21.0 16.5 24.7





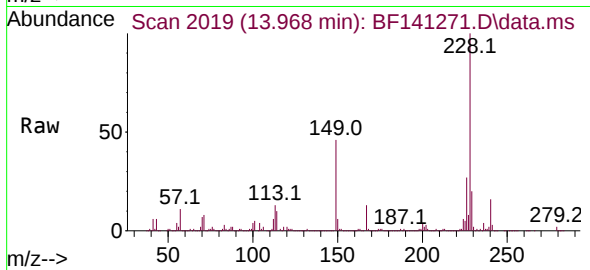
#81
Benzo(a)anthracene
Concen: 48.299 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

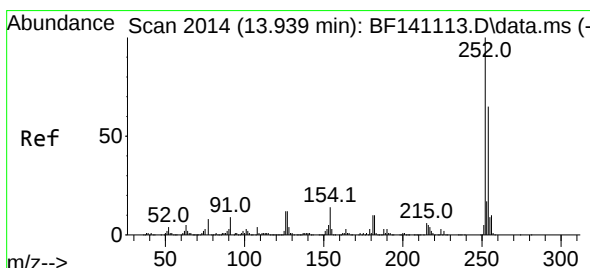
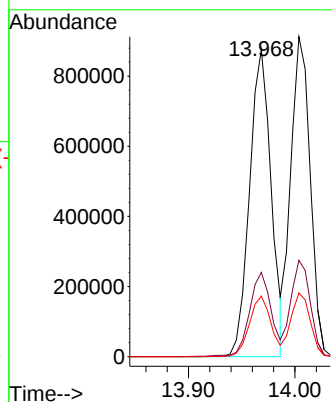
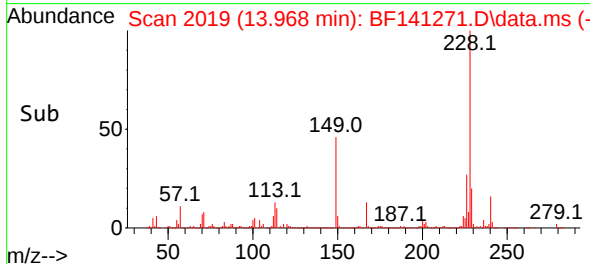


Tgt Ion:228 Resp: 1233024
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.7 15.7 23.5

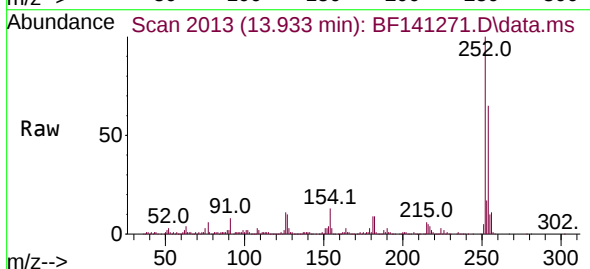
Manual Integrations

APPROVED

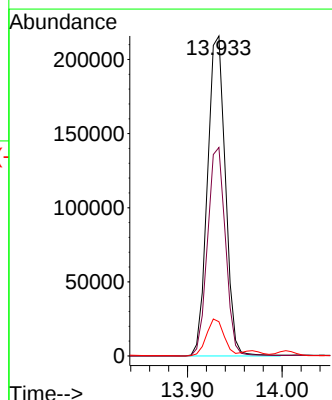
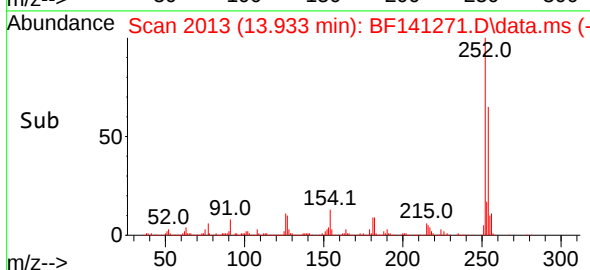
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

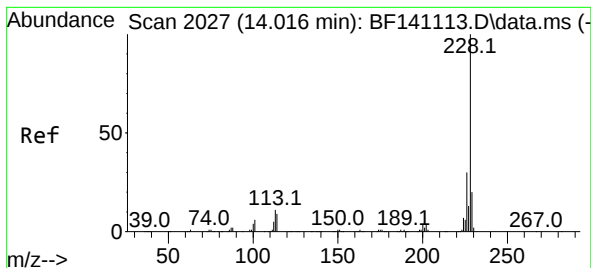


#82
3,3'-Dichlorobenzidine
Concen: 34.905 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38



Tgt Ion:252 Resp: 283738
Ion Ratio Lower Upper
252 100
254 65.1 52.0 78.0
126 10.7 9.4 14.0





#83

Chrysene

Concen: 48.309 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:228 Resp: 115395

Ion Ratio Lower Upper

228 100

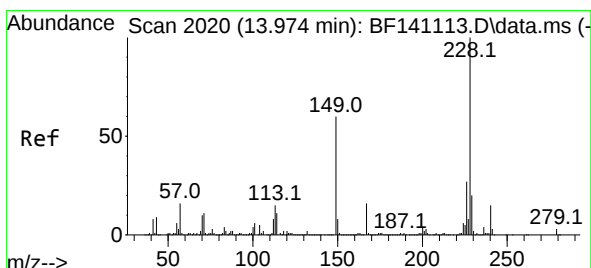
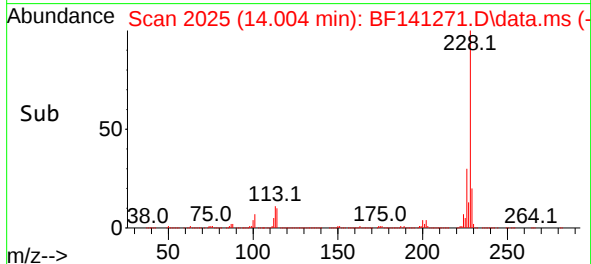
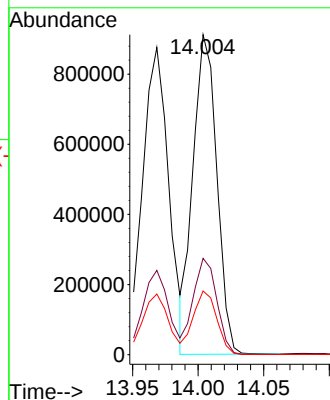
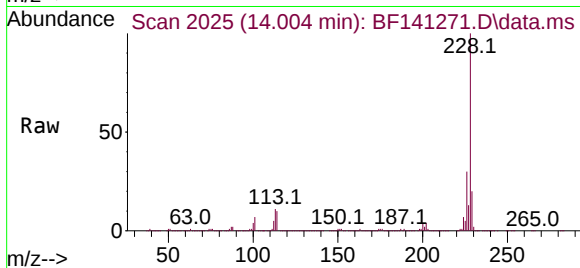
226 30.1 23.8 35.8

229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.059 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

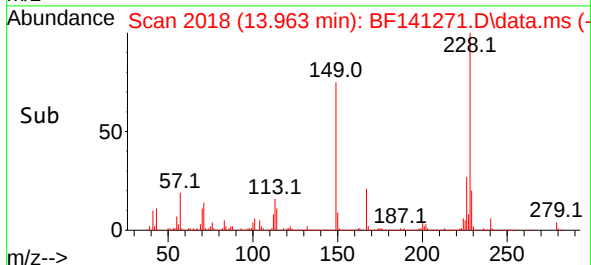
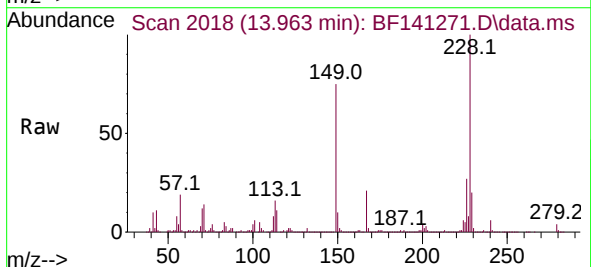
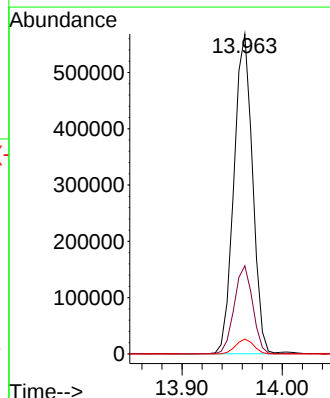
Tgt Ion:149 Resp: 731820

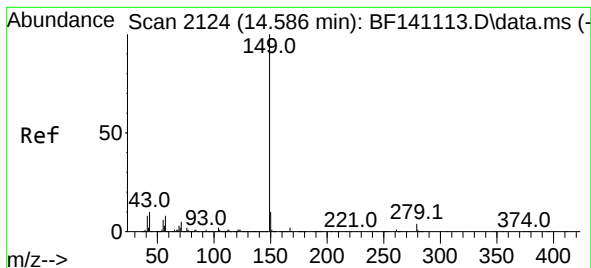
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.2

279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 61.516 ng

RT: 14.586 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

SP-COMPMS

Tgt Ion:149 Resp: 1331410

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

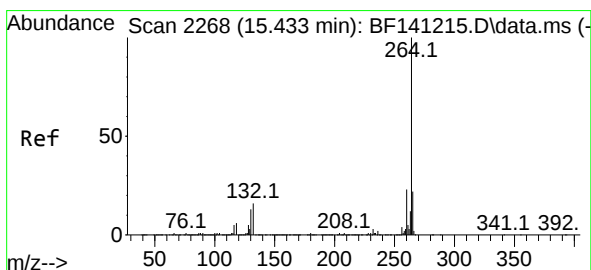
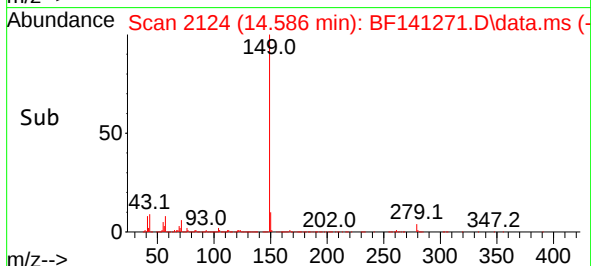
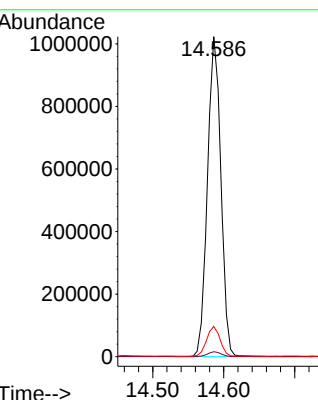
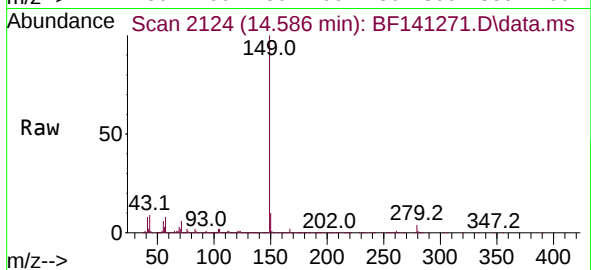
43 9.3 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141271.D

Acq: 27 Jan 2025 14:38

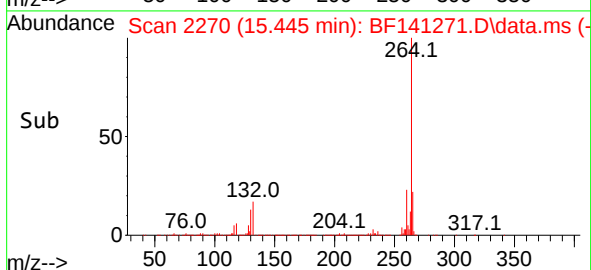
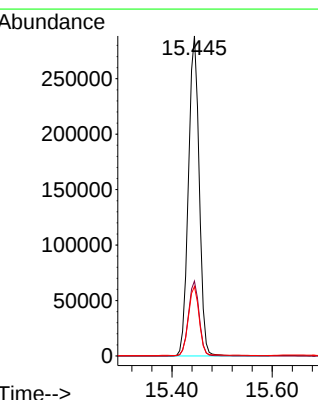
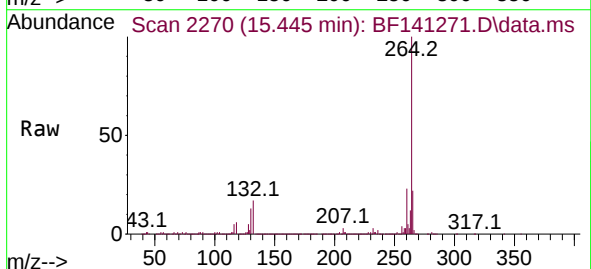
Tgt Ion:264 Resp: 430944

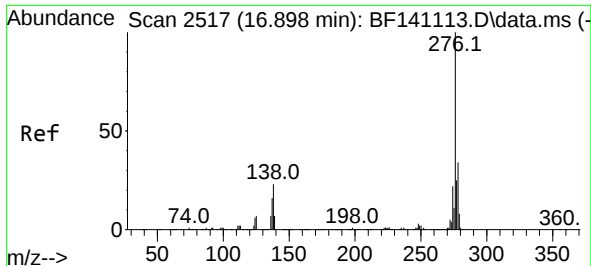
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.604 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

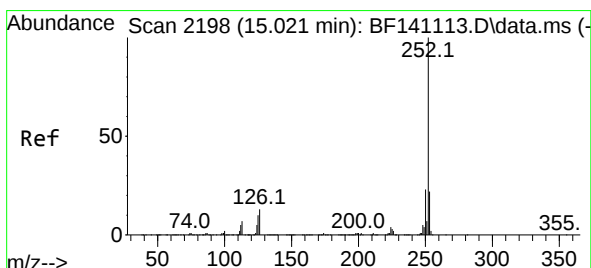
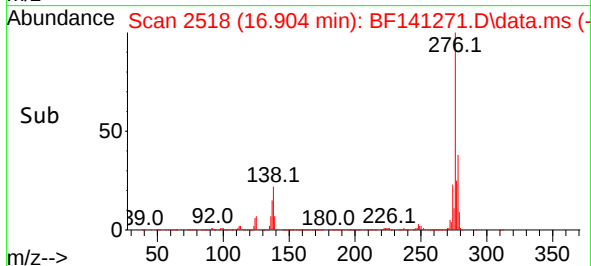
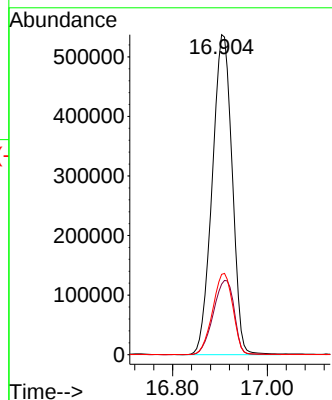
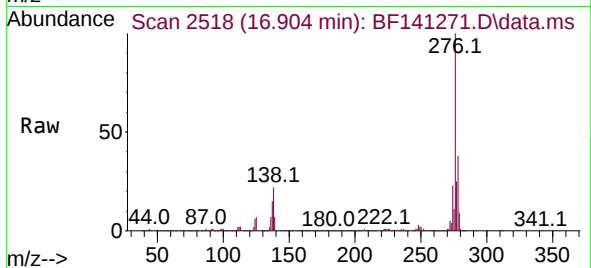
SP-COMPMS

Tgt Ion:276 Resp: 156611
Ion Ratio Lower Upper
276 100
138 24.6 20.7 31.1
277 25.9 20.6 30.8

Manual Integrations

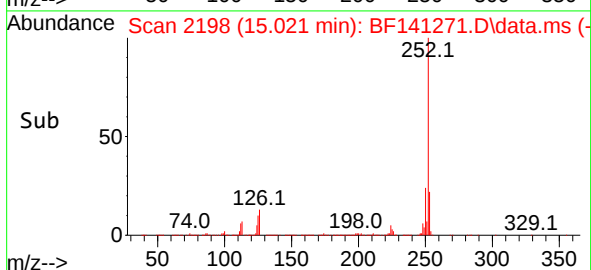
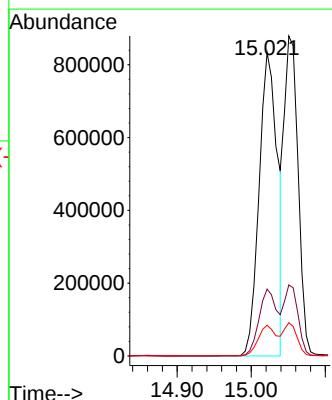
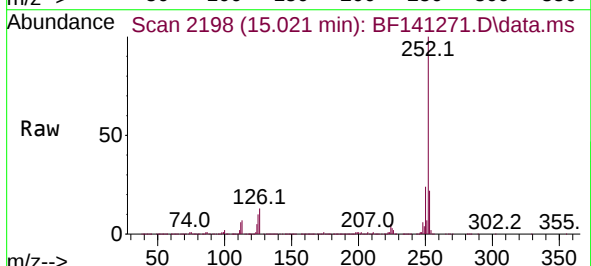
APPROVED

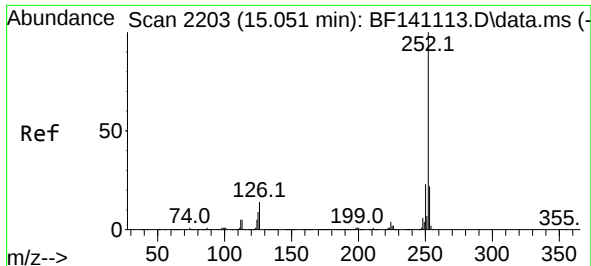
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#88
Benzo(b)fluoranthene
Concen: 51.575 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

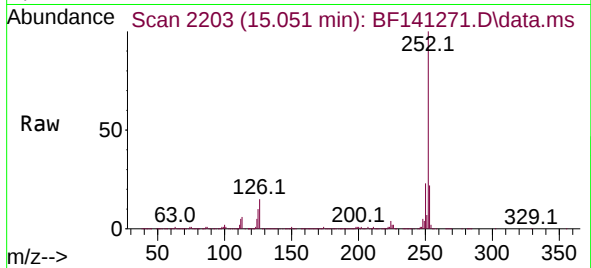
Tgt Ion:252 Resp: 1433204
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 48.676 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

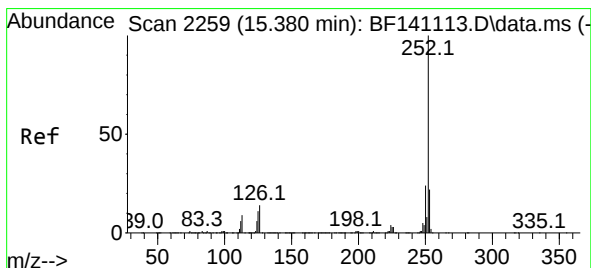
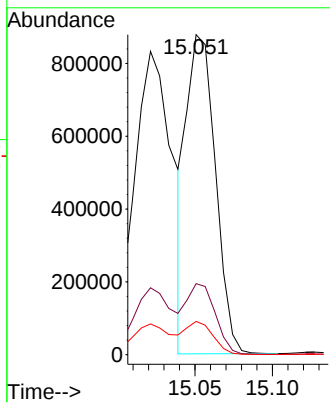
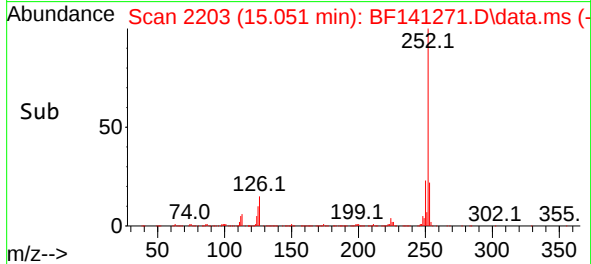
Instrument :
BNA_F
ClientSampleId :
SP-COMPMS



Tgt Ion:252 Resp: 1143108
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.4 7.9 11.9

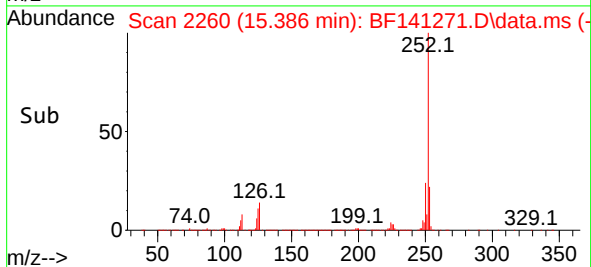
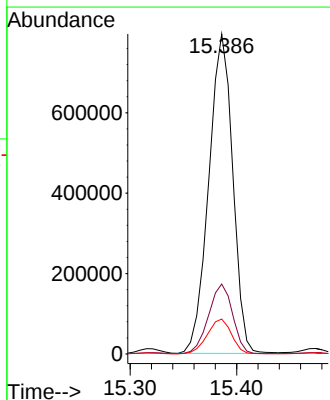
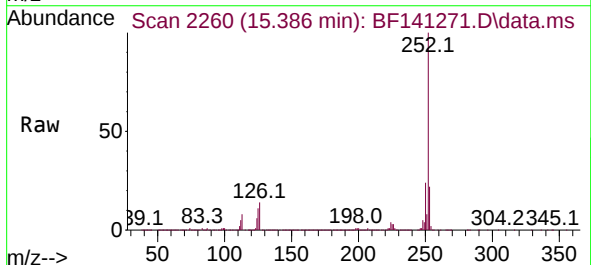
Manual Integrations
APPROVED

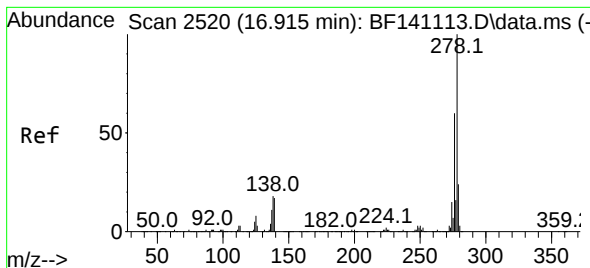
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#90
Benzo(a)pyrene
Concen: 54.154 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:252 Resp: 1241596
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.9 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 49.223 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.012 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Instrument :

BNA_F

ClientSampleId :

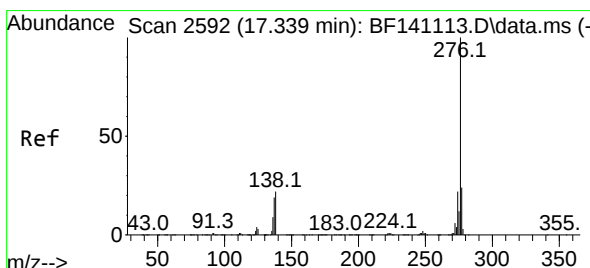
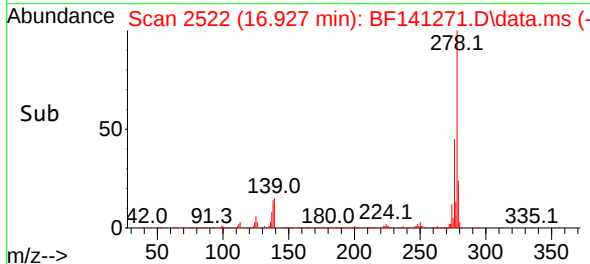
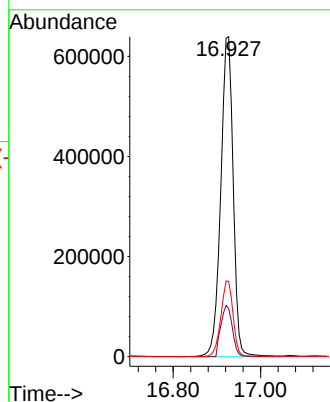
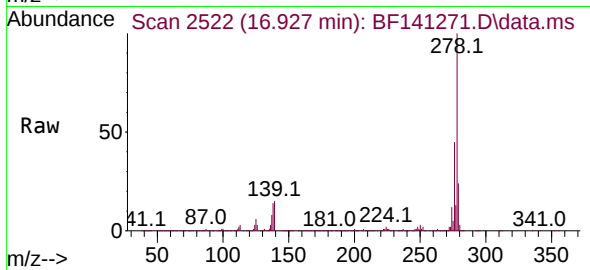
SP-COMPMS

Tgt Ion:278 Resp: 1256938
Ion Ratio Lower Upper
278 100
139 15.0 13.8 20.6
279 23.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#92
Benzo(g,h,i)perylene
Concen: 45.134 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF141271.D
Acq: 27 Jan 2025 14:38

Tgt Ion:276 Resp: 1198815
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 21.2 17.4 26.2

