

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141005.D
 Acq On : 27 Dec 2024 19:05
 Operator : RC/JU
 Sample : P5382-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Quant Time: Dec 27 22:20:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	274904	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1107161	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	588572	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	918746	20.000	ng	0.00
76) Chrysene-d12	13.980	240	544083	20.000	ng	0.00
86) Perylene-d12	15.433	264	580377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1610353	88.300	ng	0.00
7) Phenol-d6	6.445	99	2084728	88.736	ng	0.00
23) Nitrobenzene-d5	7.387	82	1264804	73.087	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	567969	99.309	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2287273	61.915	ng	0.00
79) Terphenyl-d14	12.927	244	2053110	62.678	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	331887	40.197	ng	99
3) Pyridine	3.375	79	859712	42.607	ng	100
4) n-Nitrosodimethylamine	3.322	42	446979	43.720	ng	99
6) Aniline	6.487	93	704910	33.643	ng	99
8) 2-Chlorophenol	6.604	128	888272	46.197	ng	99
9) Benzaldehyde	6.369	77	169069	8.126	ng	98
10) Phenol	6.463	94	1132432	46.616	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	825545	42.087	ng	99
12) 1,3-Dichlorobenzene	6.763	146	885886	41.748	ng	99
13) 1,4-Dichlorobenzene	6.845	146	899170	42.034	ng	99
14) 1,2-Dichlorobenzene	6.992	146	863076	43.273	ng	99
15) Benzyl Alcohol	6.963	79	780036	46.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1324514	44.651	ng	99
17) 2-Methylphenol	7.075	107	716296	44.842	ng	100
18) Hexachloroethane	7.340	117	331406	43.612	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	627535	43.600	ng	100
20) 3+4-Methylphenols	7.228	107	889352	43.996	ng	# 86
22) Acetophenone	7.234	105	1151551	42.398	ng	97
24) Nitrobenzene	7.404	77	927062	47.943	ng	98
25) Isophorone	7.645	82	1683325	44.701	ng	99
26) 2-Nitrophenol	7.722	139	434741	54.103	ng	100
27) 2,4-Dimethylphenol	7.757	122	727306	52.847	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	1024710	42.948	ng	99
29) 2,4-Dichlorophenol	7.957	162	712675	45.658	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	733559	41.522	ng	99
31) Naphthalene	8.128	128	2476162	42.443	ng	100
32) Benzoic acid	7.869	122	551379	48.574	ng	98
33) 4-Chloroaniline	8.175	127	234538	11.112	ng	98
34) Hexachlorobutadiene	8.245	225	434954	41.762	ng	100
35) Caprolactam	8.539	113	236688m	44.605	ng	
36) 4-Chloro-3-methylphenol	8.651	107	770907	44.472	ng	100
37) 2-Methylnaphthalene	8.816	142	1619398	43.389	ng	99
38) 1-Methylnaphthalene	8.916	142	1499893	40.891	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	709155	43.796	ng	99
41) Hexachlorocyclopentadiene	8.975	237	679758	126.680	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	509264	47.255	ng	100

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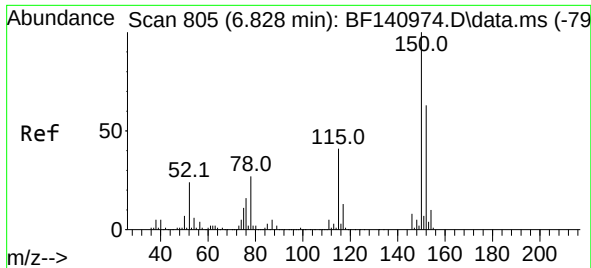
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	501998	45.525	ng	99
46) 1,1'-Biphenyl	9.281	154	1936042	42.960	ng	100
47) 2-Chloronaphthalene	9.304	162	1474030	42.173	ng	100
48) 2-Nitroaniline	9.398	65	481313	52.190	ng	96
49) Acenaphthylene	9.722	152	2278843	45.291	ng	99
50) Dimethylphthalate	9.586	163	1738039	44.894	ng	100
51) 2,6-Dinitrotoluene	9.639	165	384239	48.617	ng	99
52) Acenaphthene	9.892	154	1637493	48.139	ng	99
53) 3-Nitroaniline	9.804	138	220726	27.224	ng	# 94
54) 2,4-Dinitrophenol	9.910	184	295322	89.242	ng	# 1
55) Dibenzofuran	10.069	168	2096942	43.866	ng	99
56) 4-Nitrophenol	9.963	139	610043	92.118	ng	97
57) 2,4-Dinitrotoluene	10.045	165	508760	52.223	ng	97
58) Fluorene	10.410	166	1575122	42.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	433475	47.466	ng	98
60) Diethylphthalate	10.286	149	1681764	44.002	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	765531	42.918	ng	98
62) 4-Nitroaniline	10.422	138	355834	41.938	ng	93
63) Azobenzene	10.563	77	1896935	47.286	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	210972	55.726	ng	93
66) n-Nitrosodiphenylamine	10.522	169	1421663	49.140	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	497301	50.072	ng	96
68) Hexachlorobenzene	10.951	284	518836	47.376	ng	97
69) Atrazine	11.045	200	460916	57.027	ng	99
70) Pentachlorophenol	11.145	266	602620	88.381	ng	100
71) Phenanthrene	11.369	178	2431801	50.291	ng	99
72) Anthracene	11.422	178	2296625	48.471	ng	100
73) Carbazole	11.575	167	1888916	41.470	ng	100
74) Di-n-butylphthalate	11.910	149	2404518	46.413	ng	100
75) Fluoranthene	12.557	202	2222434	42.378	ng	99
77) Benzidine	12.674	184	491483	42.743	ng	99
78) Pyrene	12.780	202	2184966	45.918	ng	100
80) Butylbenzylphthalate	13.410	149	783009	45.064	ng	100
81) Benzo(a)anthracene	13.969	228	1680387	44.315	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	358685	31.484	ng	100
83) Chrysene	14.010	228	1637728	47.910	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	998268	44.292	ng	99
85) Di-n-octyl phthalate	14.586	149	1744116	53.466	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1455910	39.817	ng	99
88) Benzo(b)fluoranthene	15.015	252	1825516	45.099	ng	99
89) Benzo(k)fluoranthene	15.045	252	1573880	49.610	ng	99
90) Benzo(a)pyrene	15.374	252	1591826	50.666	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	1169470	39.456	ng	100
92) Benzo(g,h,i)perylene	17.315	276	1036393	33.712	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141005.D
 Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

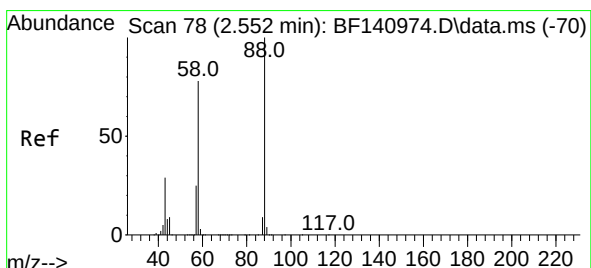
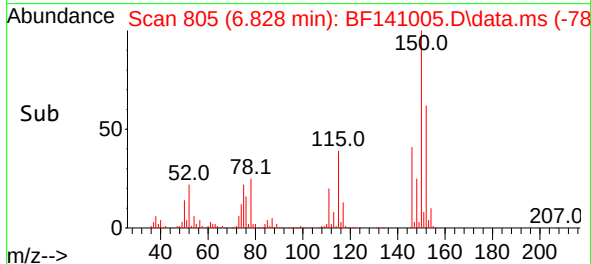
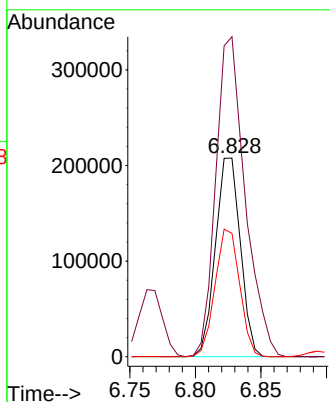
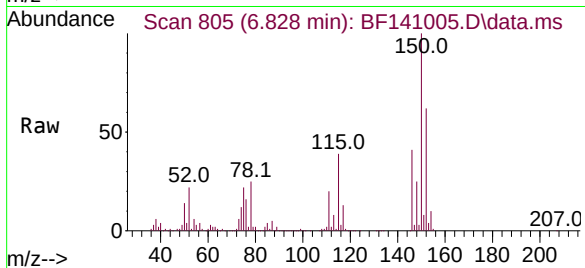
COMP-1MS

Tgt Ion:152 Resp: 274904
 Ion Ratio Lower Upper
 152 100
 150 161.2 127.0 190.6
 115 62.2 51.7 77.5

Manual Integrations

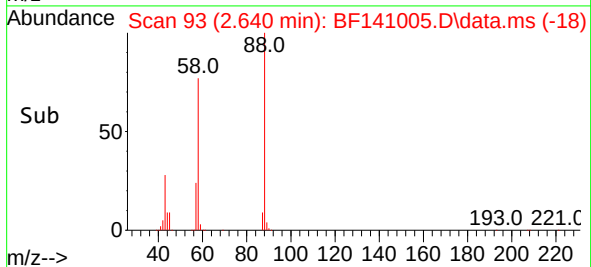
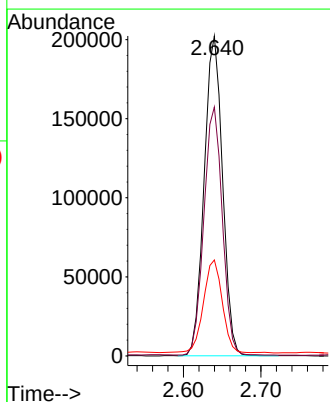
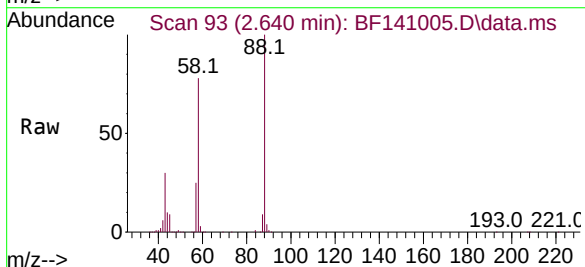
APPROVED

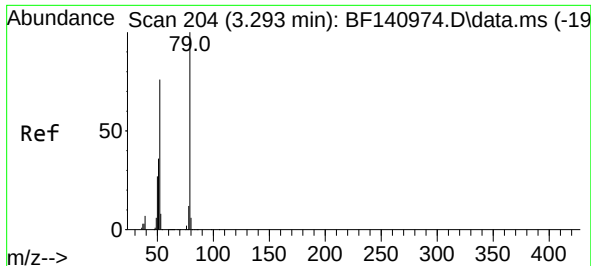
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024



#2
 1,4-Dioxane
 Concen: 40.197 ng
 RT: 2.640 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF141005.D
 Acq: 27 Dec 2024 19:05

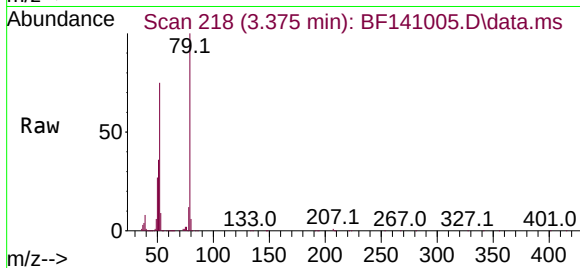
Tgt Ion: 88 Resp: 331887
 Ion Ratio Lower Upper
 88 100
 58 78.2 63.0 94.4
 43 29.6 23.4 35.2





#3
Pyridine
Concen: 42.607 ng
RT: 3.375 min Scan# 218
Delta R.T. 0.082 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

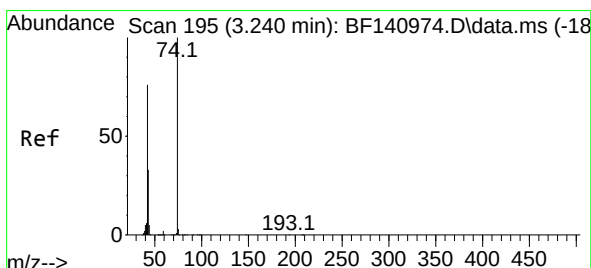
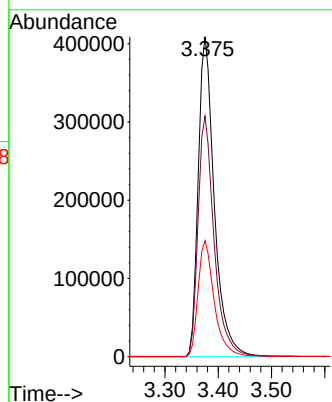
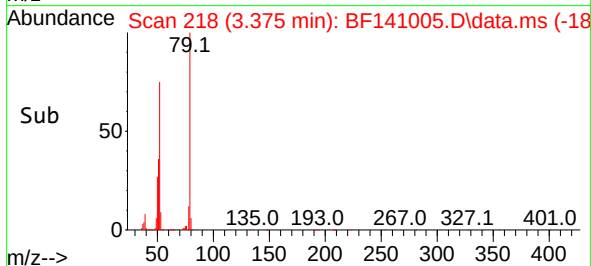
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



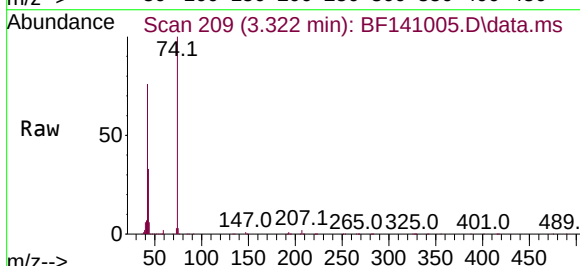
Tgt Ion: 79 Resp: 859712
Ion Ratio Lower Upper
79 100
52 75.1 60.4 90.6
51 36.2 28.8 43.2

Manual Integrations
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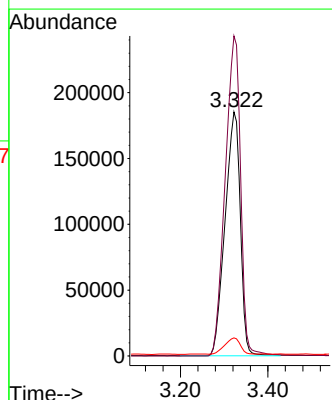
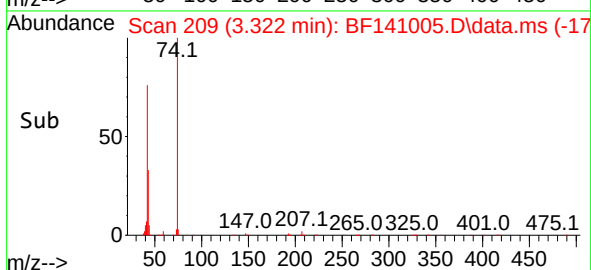
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

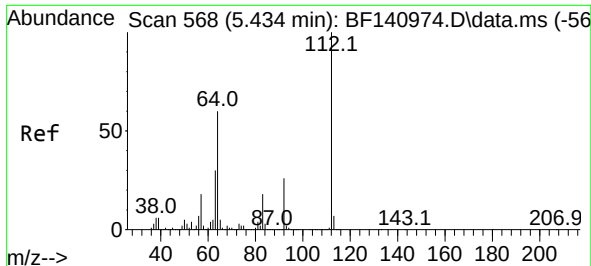


#4
n-Nitrosodimethylamine
Concen: 43.720 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion: 42 Resp: 446979
Ion Ratio Lower Upper
42 100
74 131.1 105.8 158.6
44 7.4 6.6 10.0





#5
2-Fluorophenol
Concen: 88.300 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

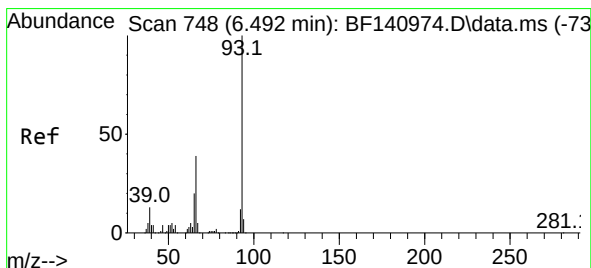
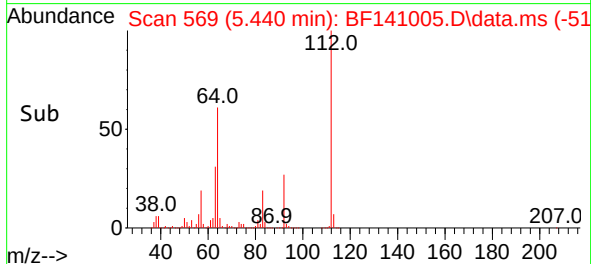
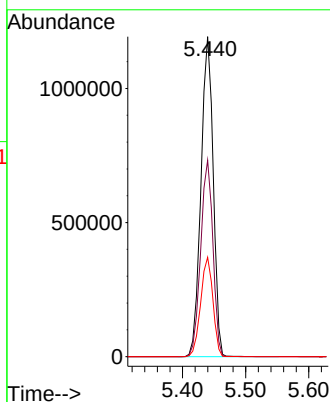
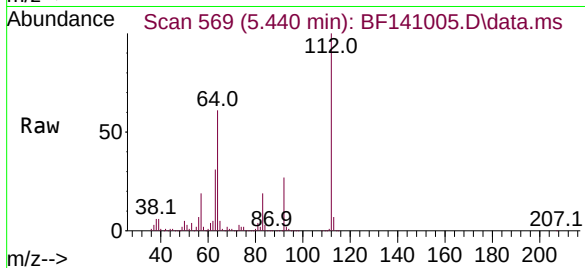
Tgt Ion:112 Resp: 161035
Ion Ratio Lower Upper
112 100
64 61.4 47.7 71.5
63 31.1 24.2 36.2

Manual Integrations

APPROVED

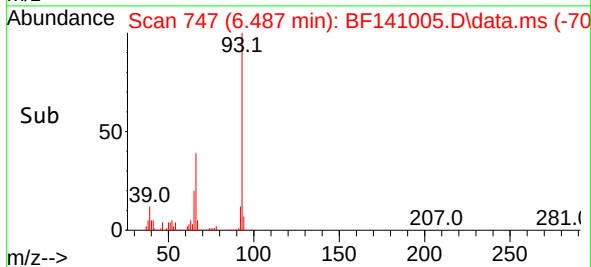
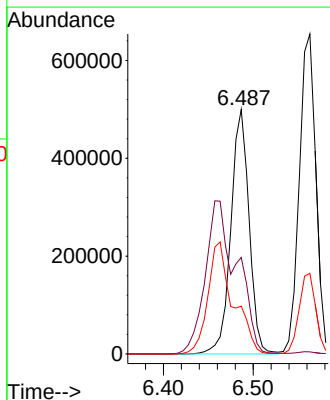
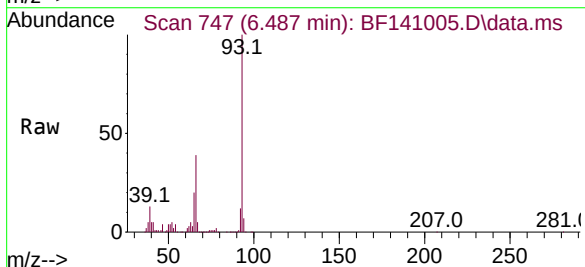
Reviewed By :Yogesh Patel 12/30/2024

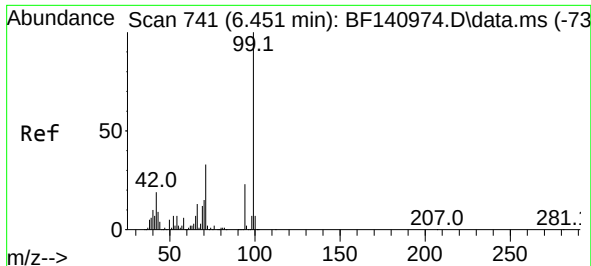
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 33.643 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion: 93 Resp: 704910
Ion Ratio Lower Upper
93 100
66 39.5 31.8 47.8
65 19.6 15.4 23.0





#7

Phenol-d6

Concen: 88.736 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 99 Resp: 2084728

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

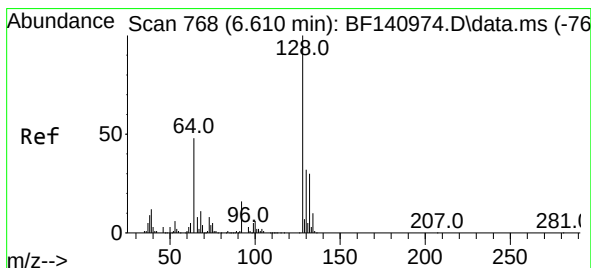
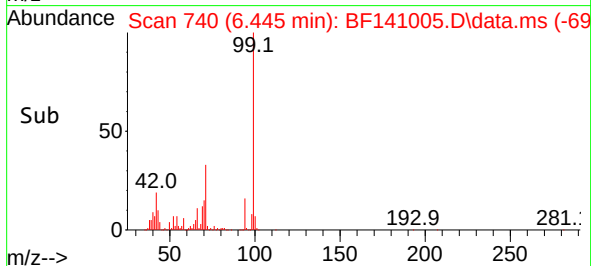
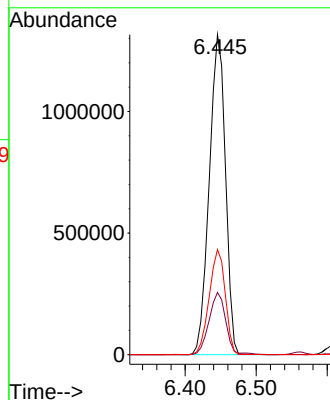
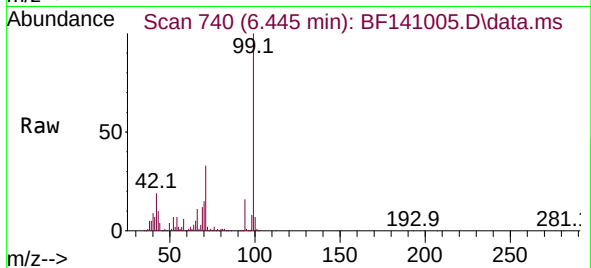
71 32.9 26.2 39.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 12/30/2024



#8

2-Chlorophenol

Concen: 46.197 ng

RT: 6.604 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

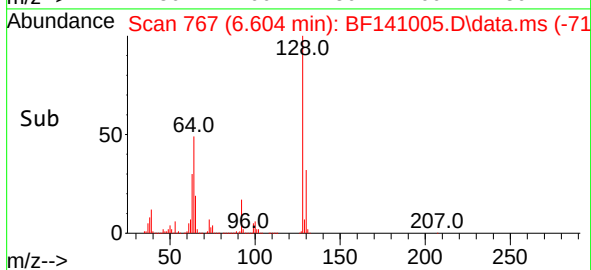
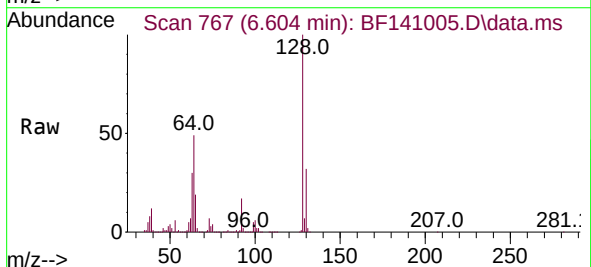
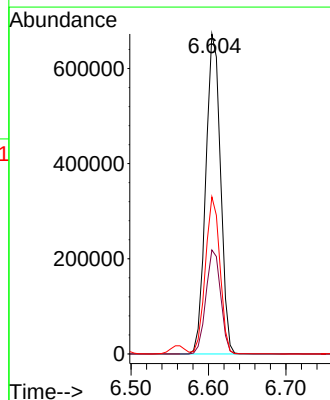
Tgt Ion:128 Resp: 888272

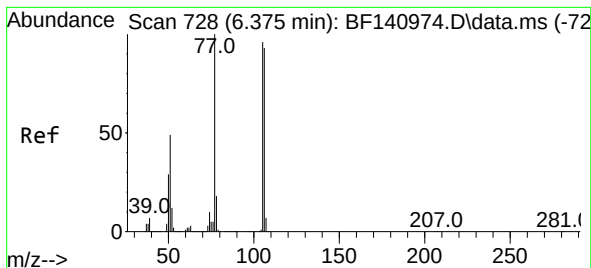
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 49.1 30.3 70.3





#9

Benzaldehyde

Concen: 8.126 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141005.D

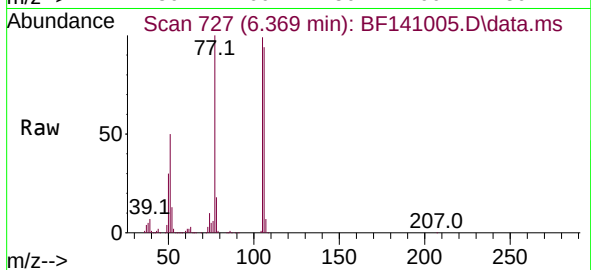
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



Tgt Ion: 77 Resp: 169069

Ion Ratio Lower Upper

77 100

105 98.5 76.2 116.2

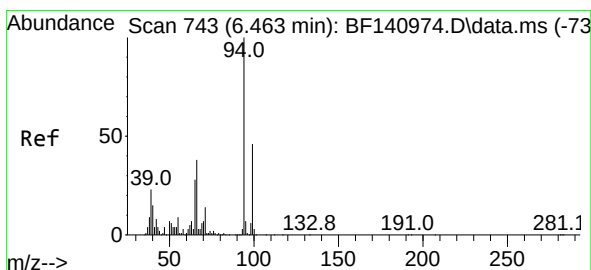
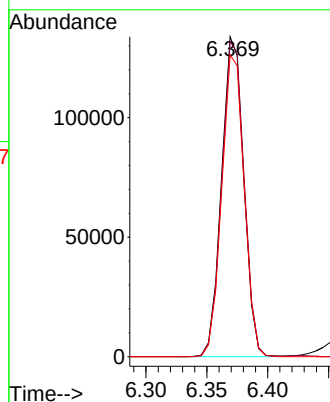
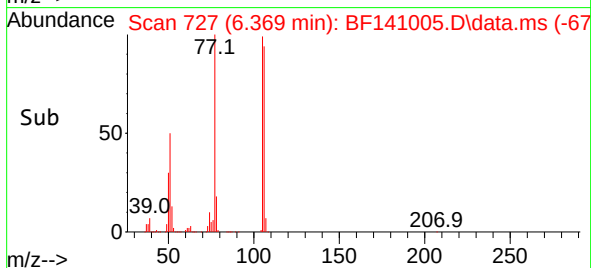
106 94.3 73.4 113.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#10

Phenol

Concen: 46.616 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

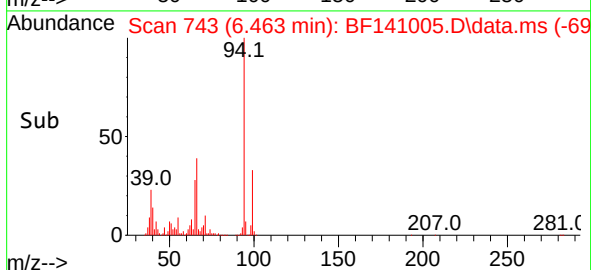
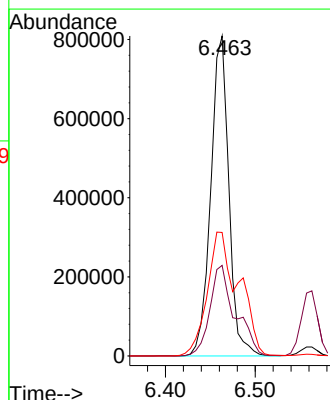
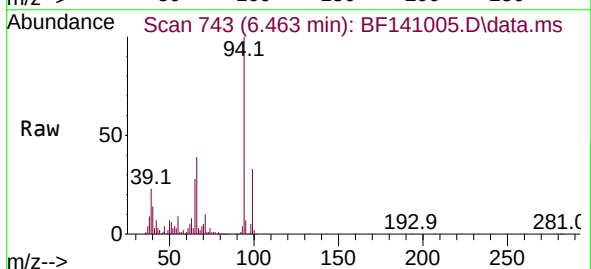
Tgt Ion: 94 Resp: 1132432

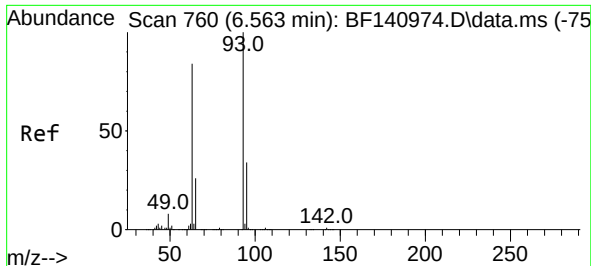
Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

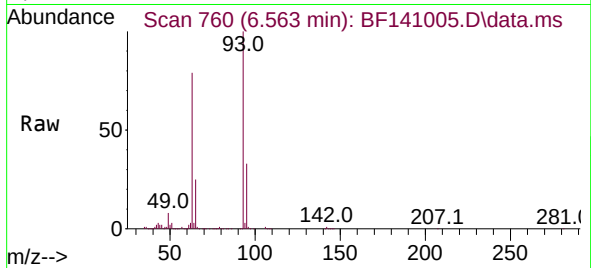
66 38.6 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 42.087 ng
RT: 6.563 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

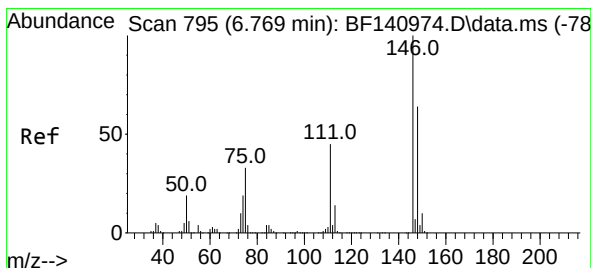
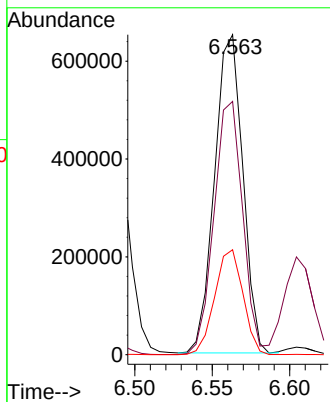
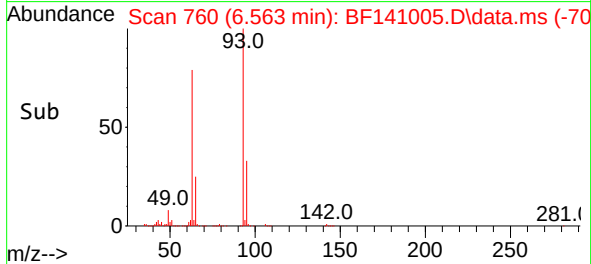
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



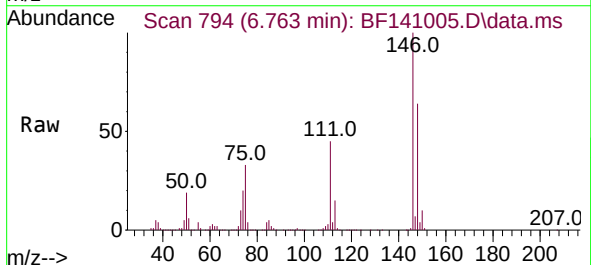
Tgt Ion: 93 Resp: 82554
Ion Ratio Lower Upper
93 100
63 79.2 60.3 100.3
95 32.8 12.2 52.2

Manual Integrations
APPROVED

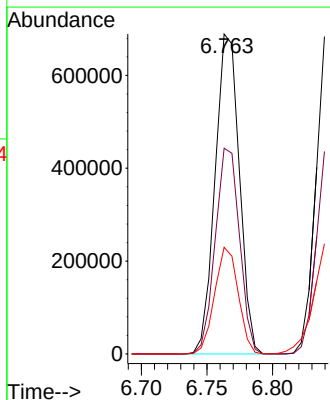
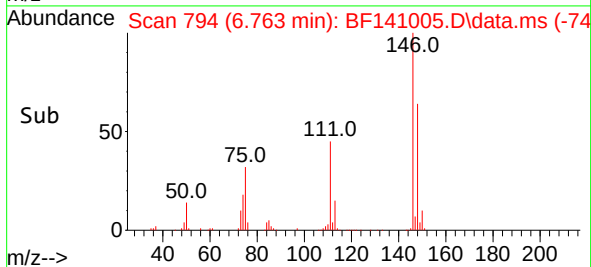
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

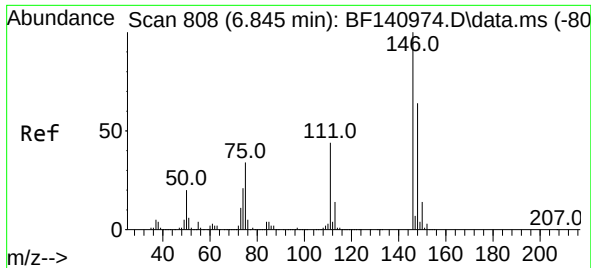


#12
1,3-Dichlorobenzene
Concen: 41.748 ng
RT: 6.763 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion:146 Resp: 885886
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 33.3 26.1 39.1





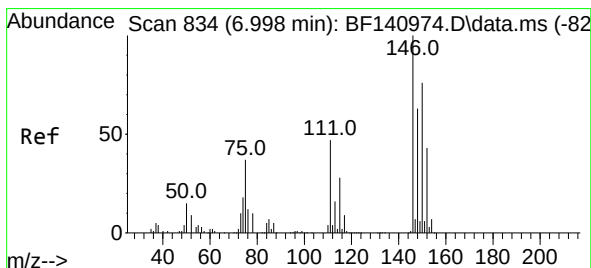
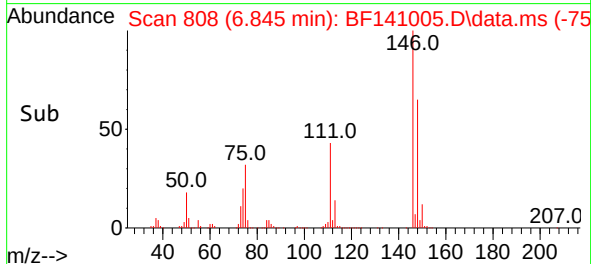
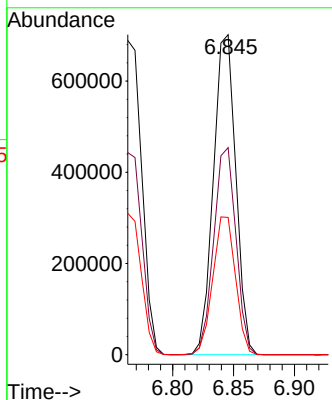
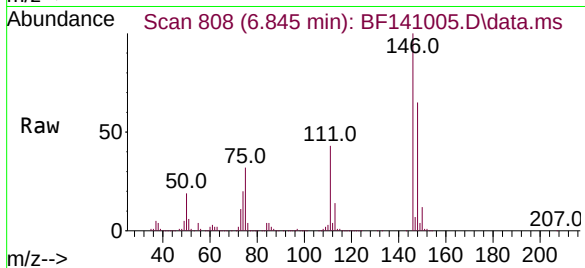
#13
1,4-Dichlorobenzene
Concen: 42.034 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:146 Resp: 899170
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
111 42.9 35.3 52.9

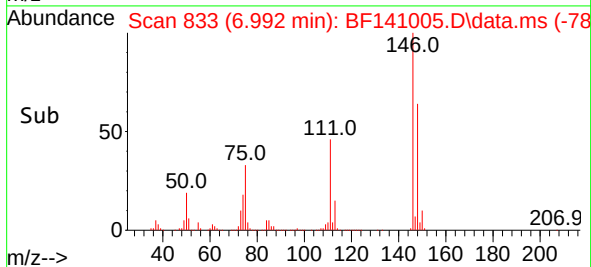
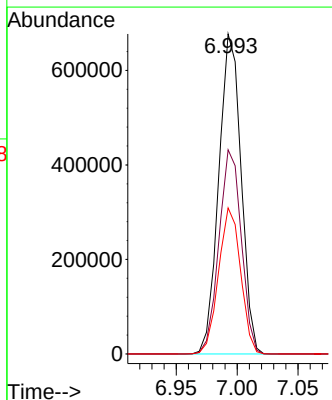
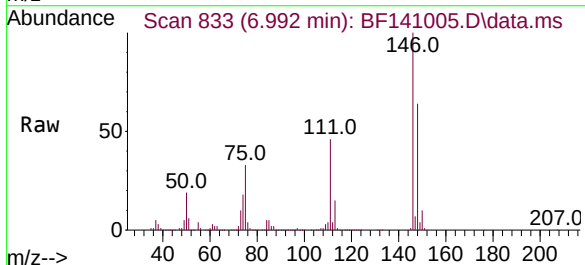
Manual Integrations
APPROVED

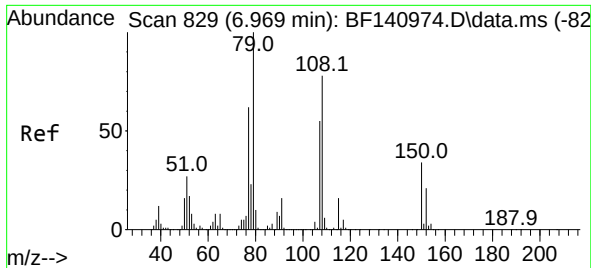
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
1,2-Dichlorobenzene
Concen: 43.273 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:146 Resp: 863076
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
111 45.7 37.3 55.9





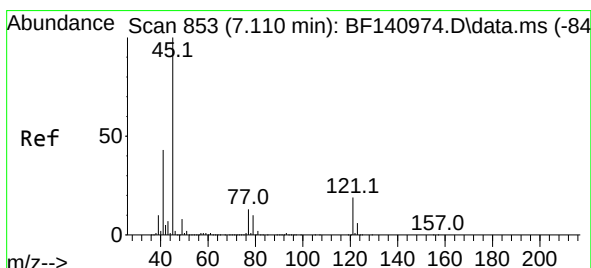
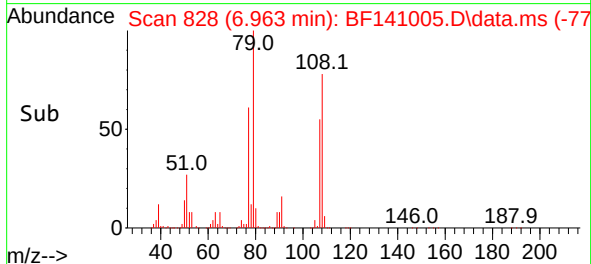
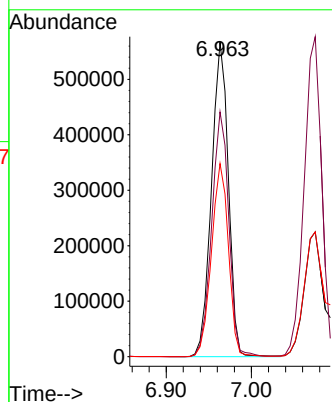
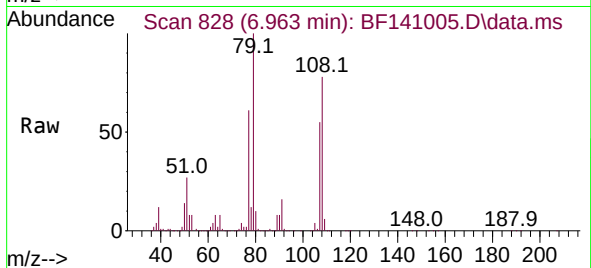
#15
Benzyl Alcohol
Concen: 46.204 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion: 79 Resp: 780030
Ion Ratio Lower Upper
79 100
108 77.8 62.5 93.7
77 61.4 49.3 73.9

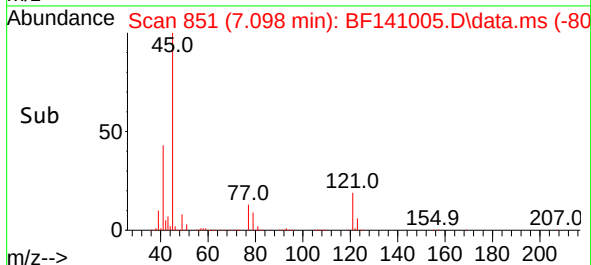
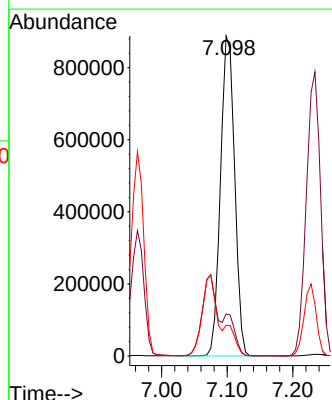
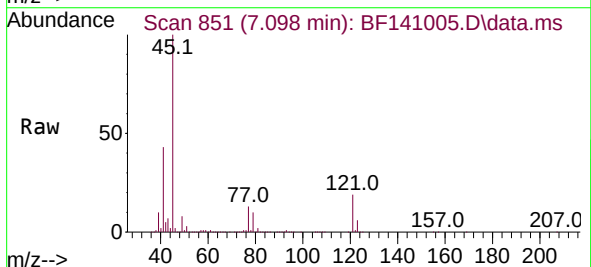
Manual Integrations
APPROVED

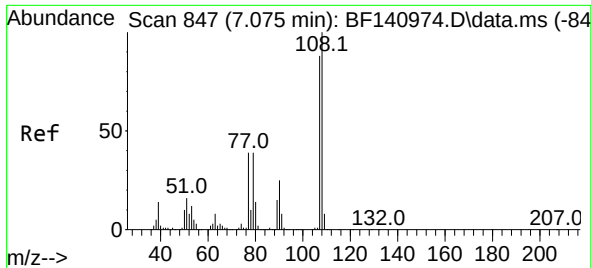
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.651 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

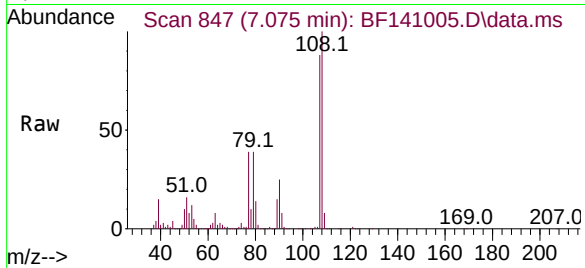
Tgt Ion: 45 Resp: 1324514
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.1
79 9.6 0.0 30.1





#17
2-Methylphenol
Concen: 44.842 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

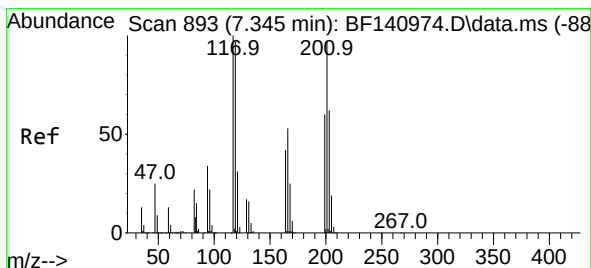
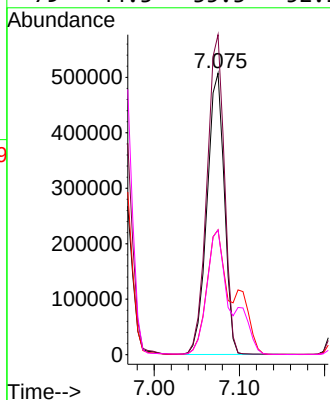
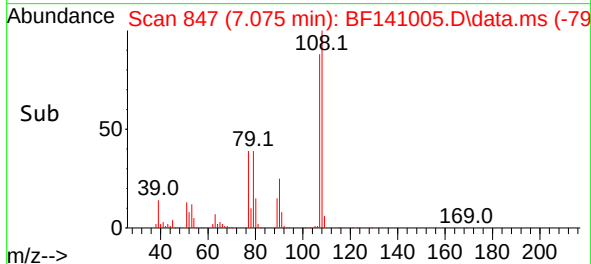
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:107 Resp: 716290
Ion Ratio Lower Upper
107 100
108 113.7 90.6 136.0
77 44.4 35.3 52.9
79 44.3 35.3 52.9

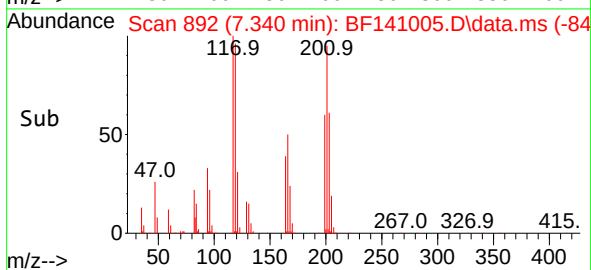
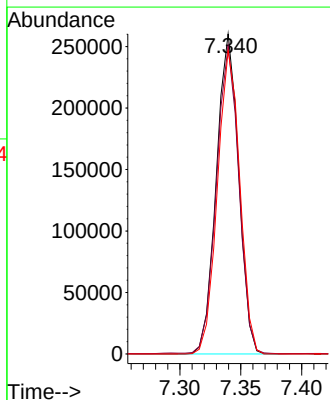
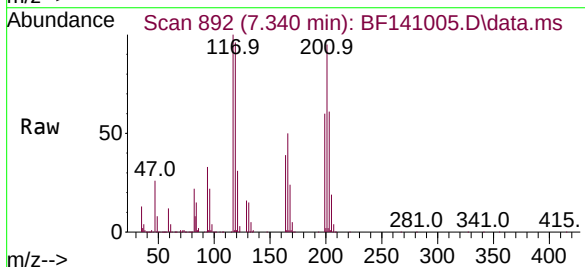
Manual Integrations
APPROVED

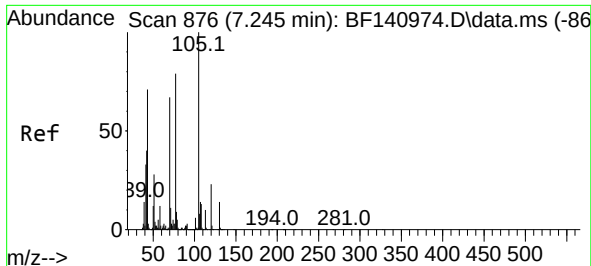
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 43.612 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:117 Resp: 331406
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
201 94.8 77.4 116.2





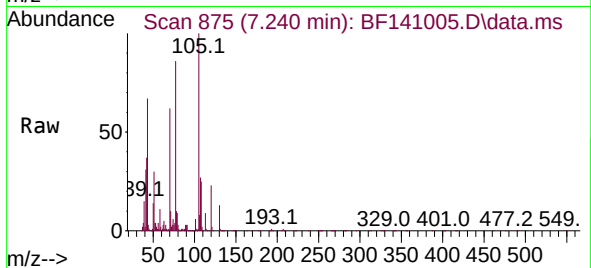
#19
n-Nitroso-di-n-propylamine
Concen: 43.600 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



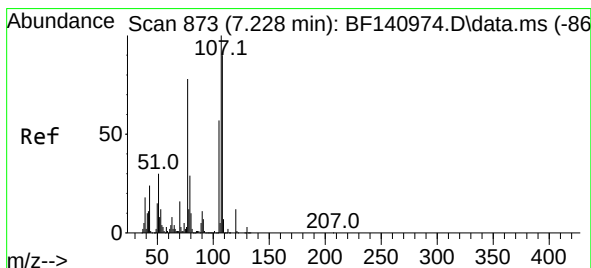
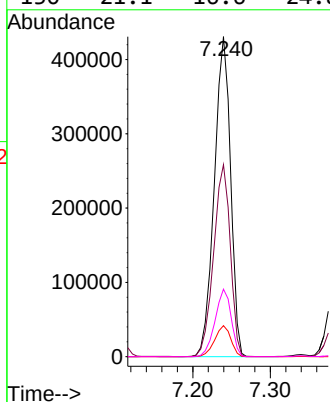
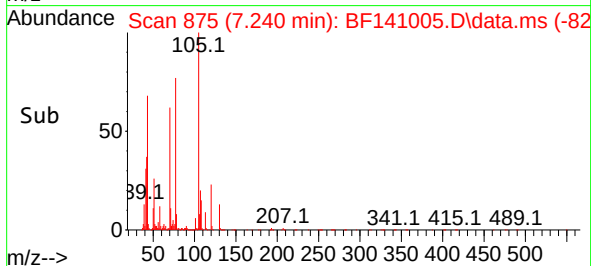
Tgt Ion: 70 Resp: 62753
Ion Ratio Lower Upper
70 100
42 60.0 48.1 72.1
101 9.7 7.6 11.4
130 21.1 16.6 24.8

Manual Integrations

APPROVED

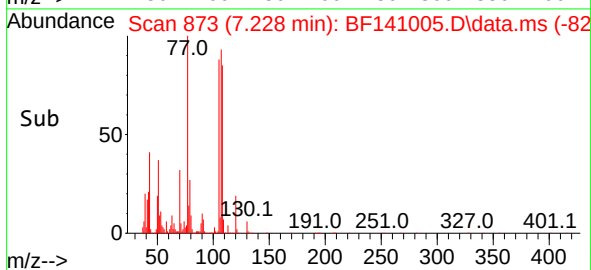
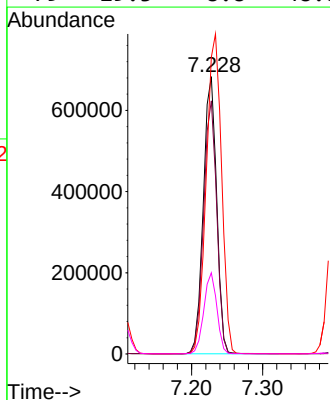
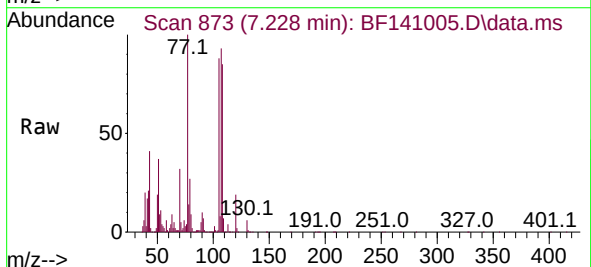
Reviewed By :Yogesh Patel 12/30/2024

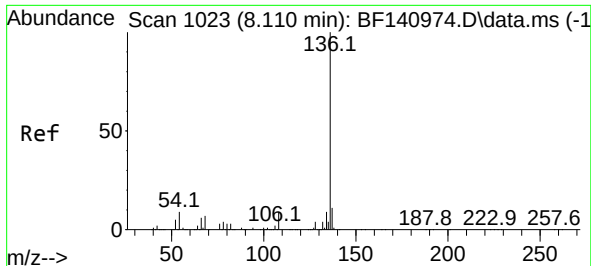
Supervised By :mohammad ahmed 12/30/2024



#20
3+4-Methylphenols
Concen: 43.996 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:107 Resp: 889352
Ion Ratio Lower Upper
107 100
108 91.3 69.6 109.6
77 107.0 57.6 97.6#
79 29.3 8.8 48.8





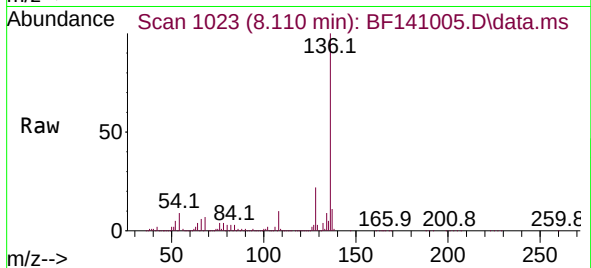
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



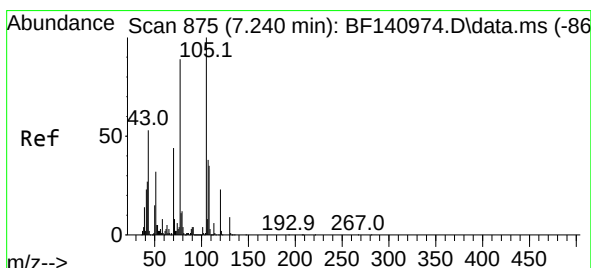
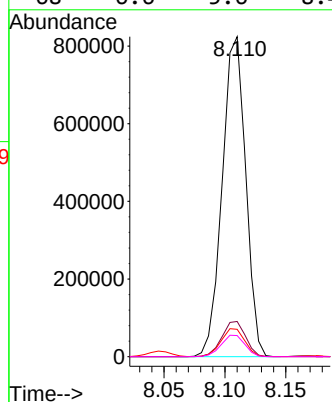
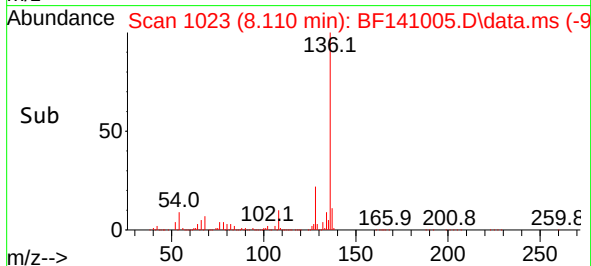
Tgt Ion:136 Resp: 110716
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.5 7.6 11.4
68 6.6 5.6 8.4

Manual Integrations

APPROVED

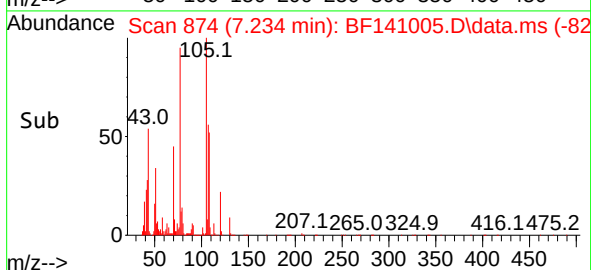
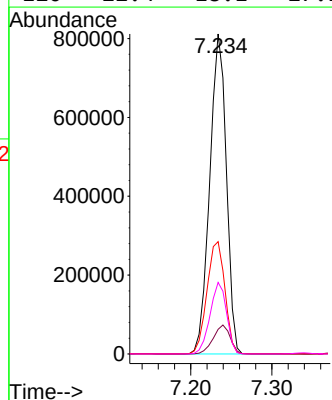
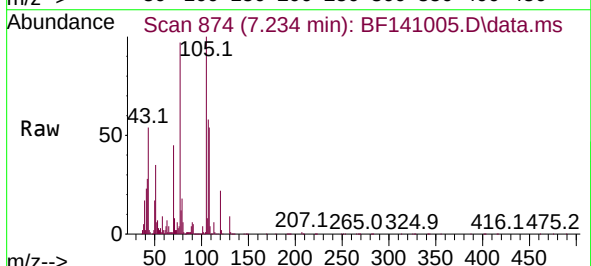
Reviewed By :Yogesh Patel 12/30/2024

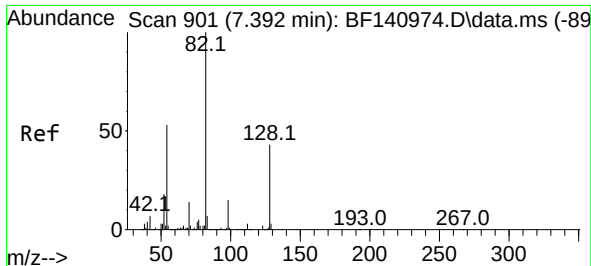
Supervised By :mohammad ahmed 12/30/2024



#22
Acetophenone
Concen: 42.398 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:105 Resp: 1151551
Ion Ratio Lower Upper
105 100
71 7.7 6.1 9.1
51 35.1 25.8 38.6
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 73.087 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 82 Resp: 1264804

Ion Ratio Lower Upper

82 100

128 44.3 34.4 51.6

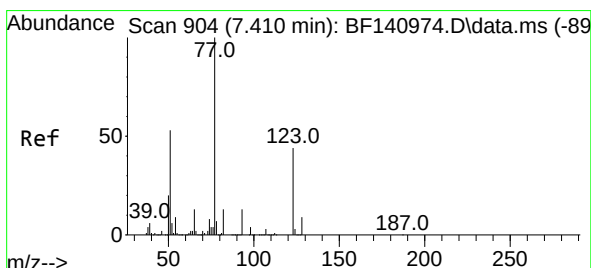
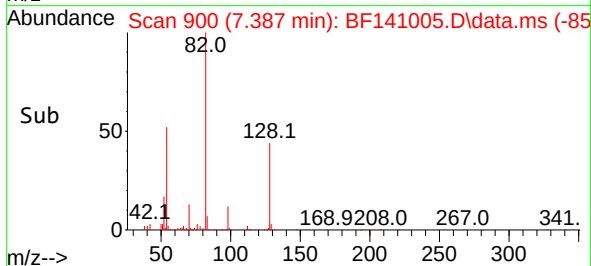
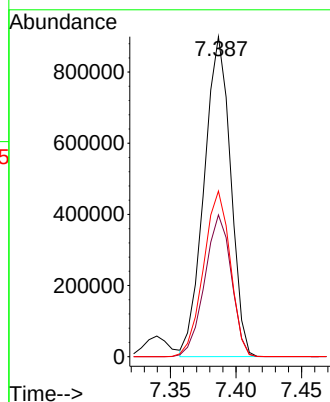
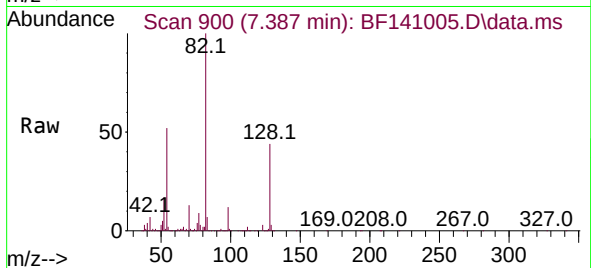
54 51.8 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 47.943 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

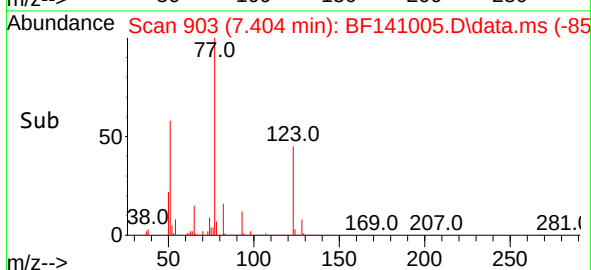
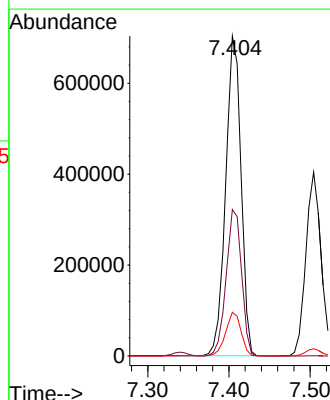
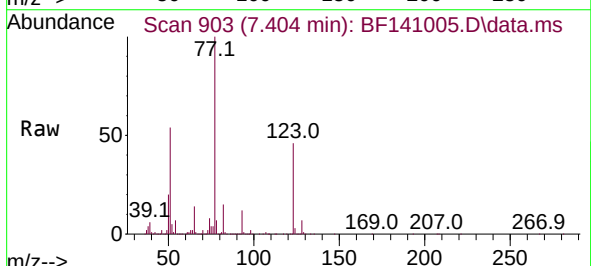
Tgt Ion: 77 Resp: 927062

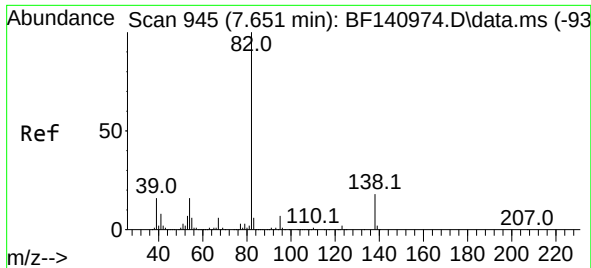
Ion Ratio Lower Upper

77 100

123 45.8 35.4 53.2

65 13.6 10.7 16.1





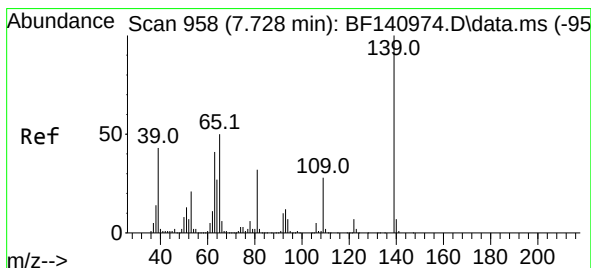
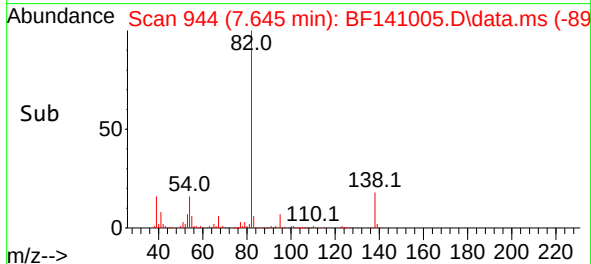
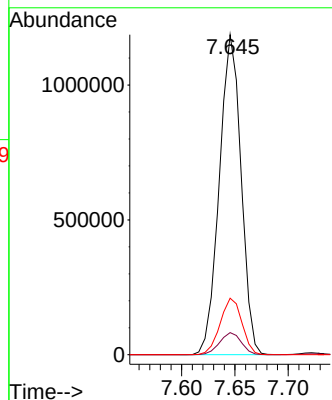
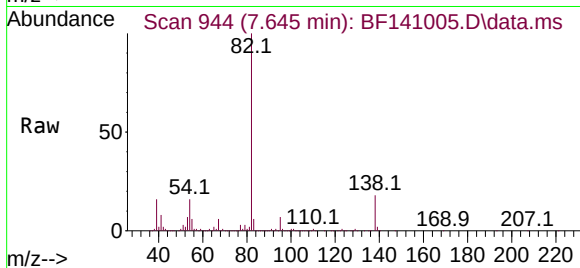
#25
Isophorone
Concen: 44.701 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion: 82 Resp: 1683329
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.7 14.6 21.8

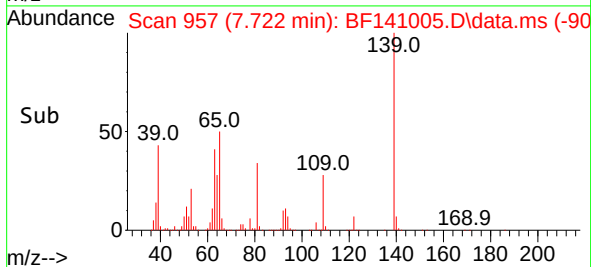
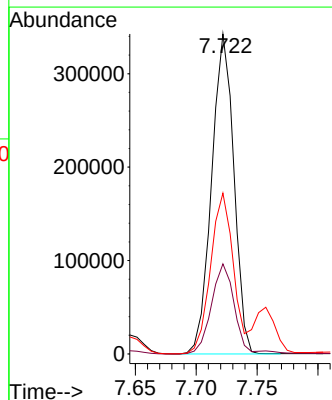
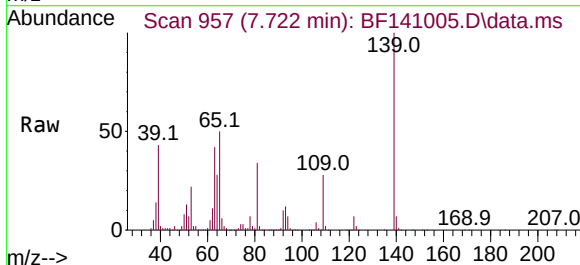
Manual Integrations
APPROVED

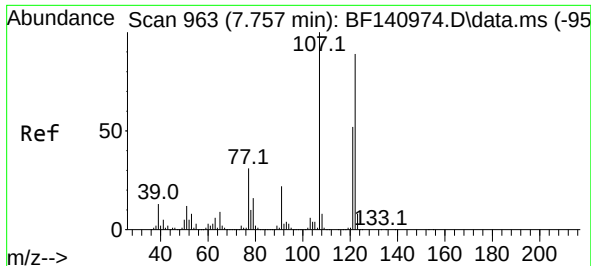
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 54.103 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:139 Resp: 434741
Ion Ratio Lower Upper
139 100
109 28.1 22.2 33.4
65 50.3 40.2 60.4





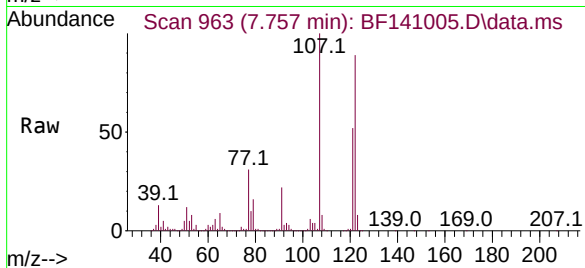
#27
2,4-Dimethylphenol
Concen: 52.847 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



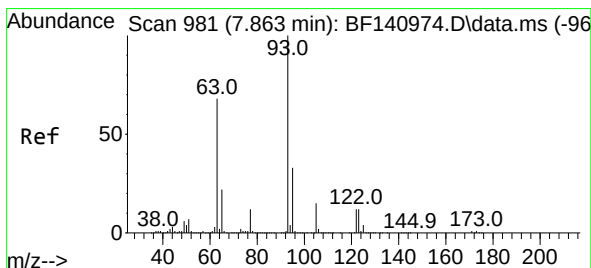
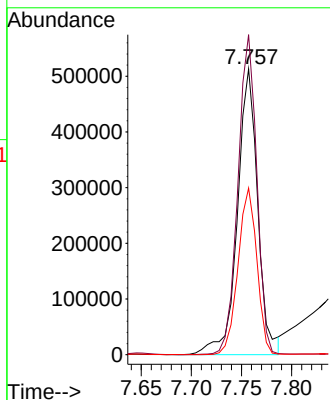
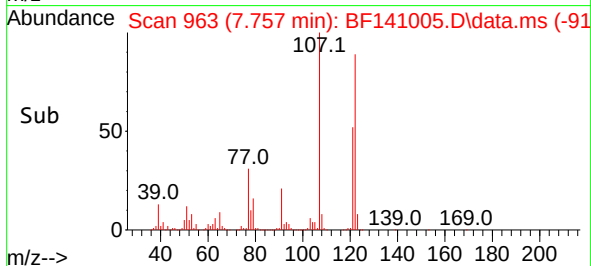
Tgt Ion:122 Resp: 727300
Ion Ratio Lower Upper
122 100
107 112.0 89.4 134.2
121 58.3 46.7 70.1

Manual Integrations

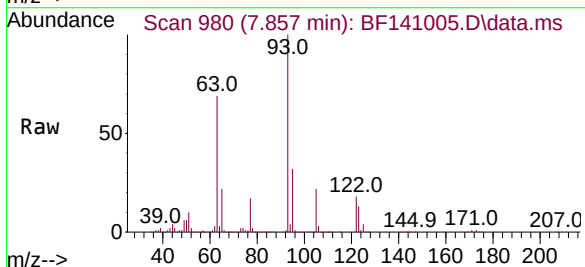
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

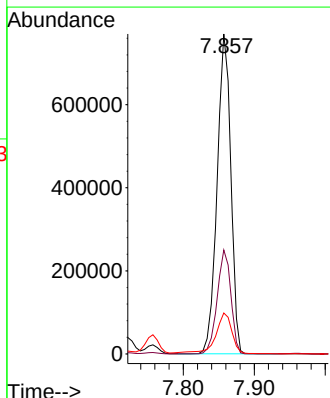
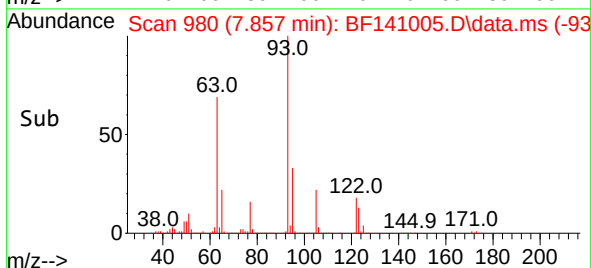
Supervised By :mohammad ahmed 12/30/2024

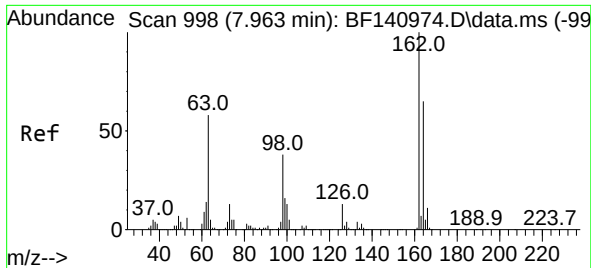


#28
bis(2-Chloroethoxy)methane
Concen: 42.948 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion: 93 Resp: 1024710
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 12.8 9.9 14.9





#29
2,4-Dichlorophenol
Concen: 45.658 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

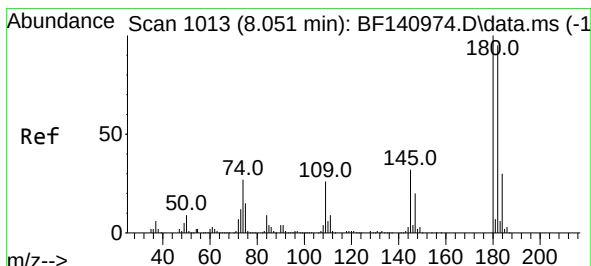
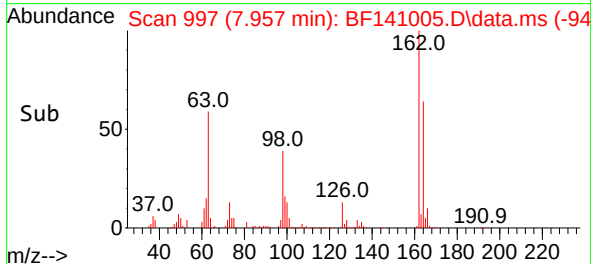
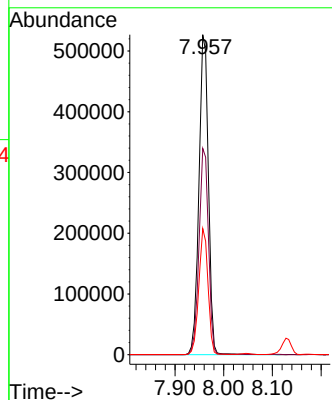
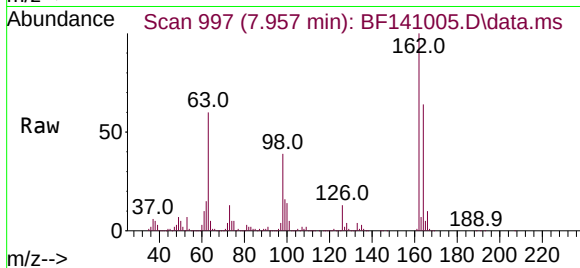
COMP-1MS

Tgt Ion:162 Resp: 71267
Ion Ratio Lower Upper
162 100
164 64.4 44.8 84.8
98 39.4 18.6 58.6

Manual Integrations

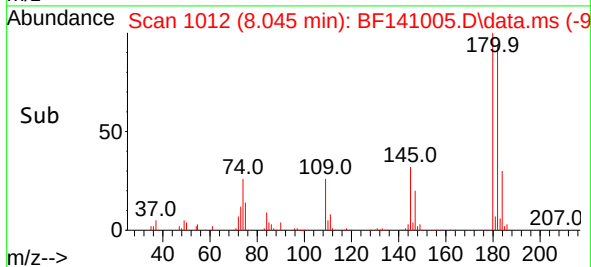
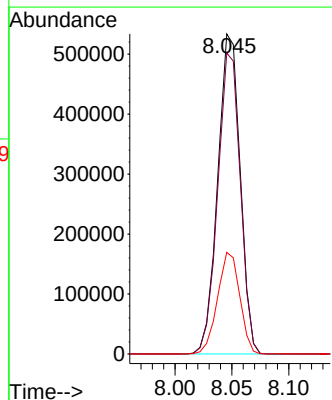
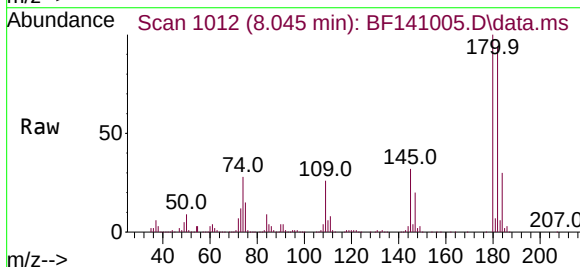
APPROVED

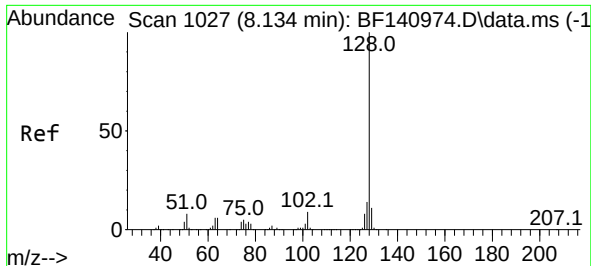
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.522 ng
RT: 8.045 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:180 Resp: 733559
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.4
145 31.8 25.4 38.2





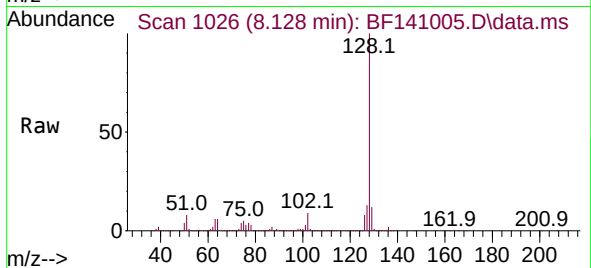
#31
Naphthalene
Concen: 42.443 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



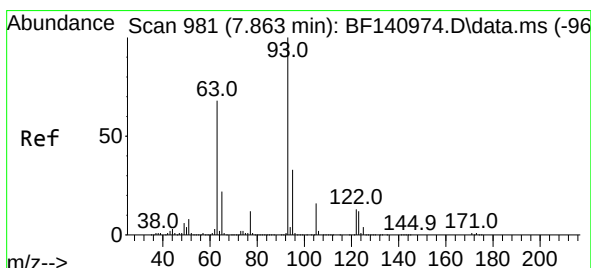
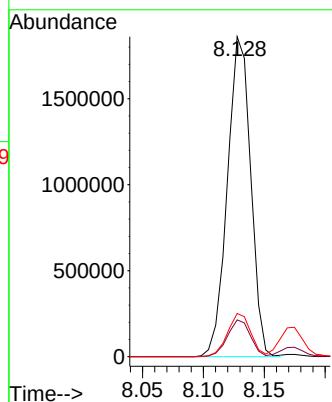
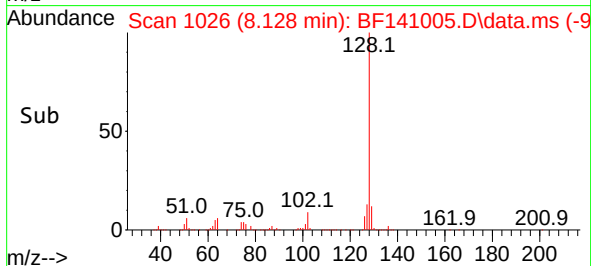
Tgt Ion:128 Resp: 247616
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 11.0 16.4

Manual Integrations

APPROVED

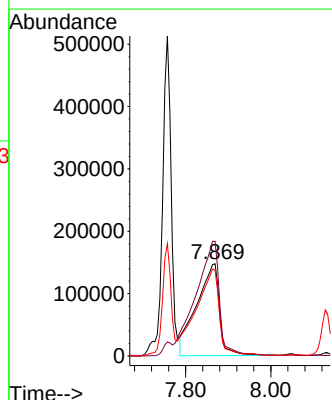
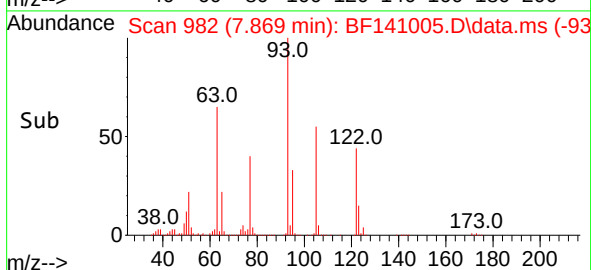
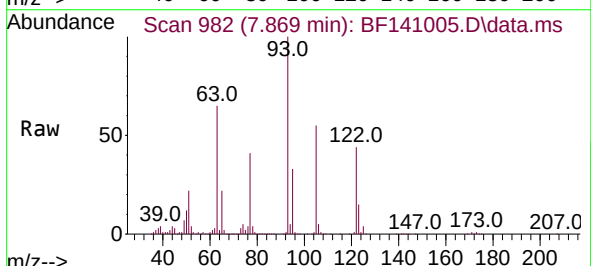
Reviewed By :Yogesh Patel 12/30/2024

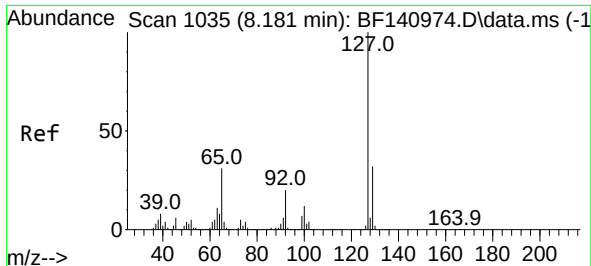
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 48.574 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:122 Resp: 551379
Ion Ratio Lower Upper
122 100
105 124.5 105.4 145.4
77 92.9 76.4 116.4





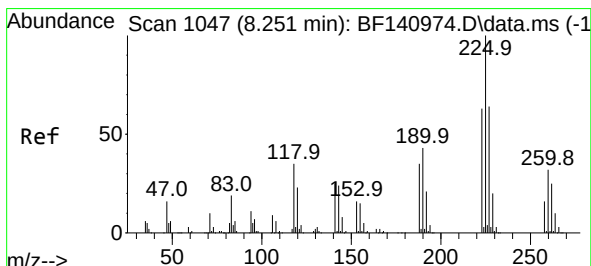
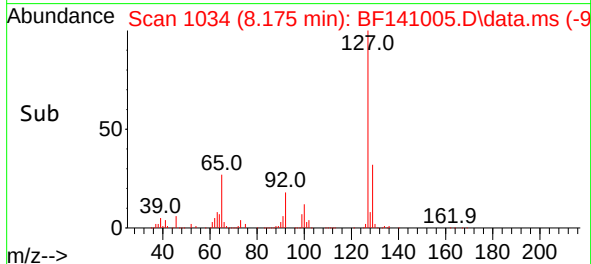
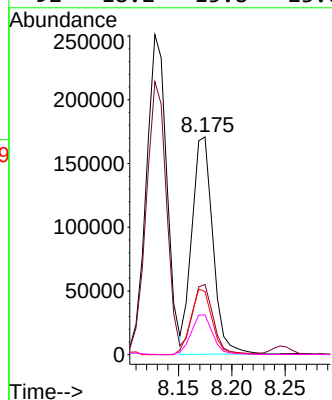
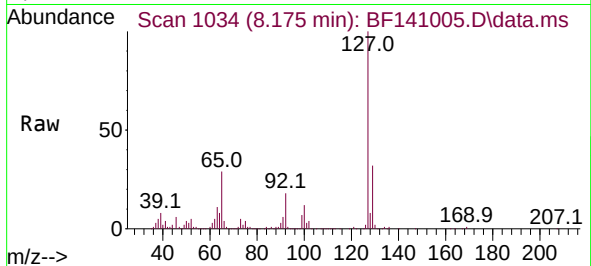
#33
4-Chloroaniline
Concen: 11.112 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:127 Resp: 234538
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 29.0 24.6 37.0
92 18.2 15.8 23.6

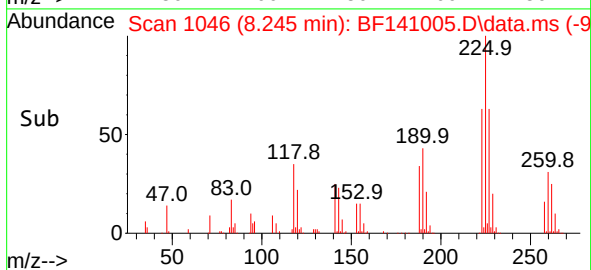
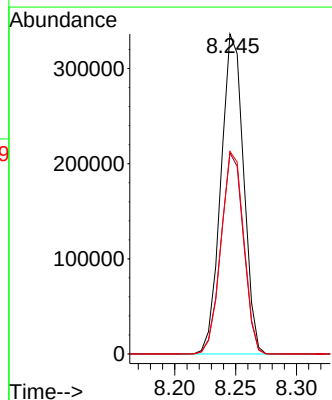
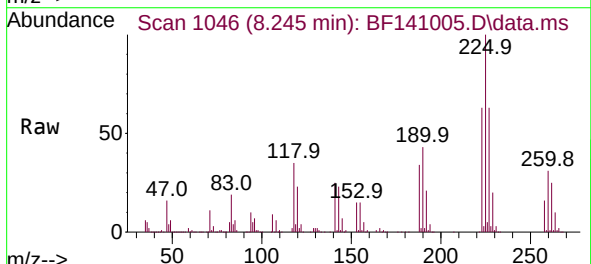
Manual Integrations
APPROVED

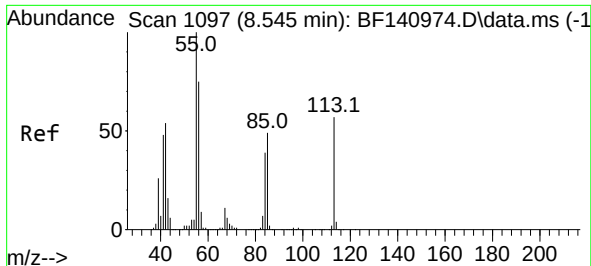
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 41.762 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

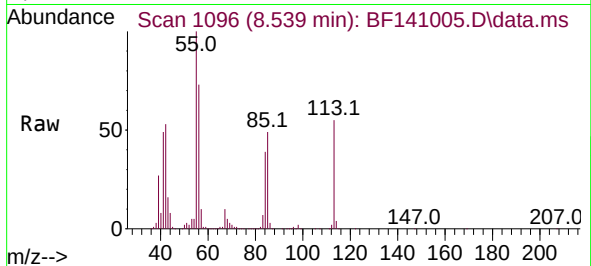
Tgt Ion:225 Resp: 434954
Ion Ratio Lower Upper
225 100
223 62.8 50.3 75.5
227 63.3 50.8 76.2





#35
Caprolactam
Concen: 44.605 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

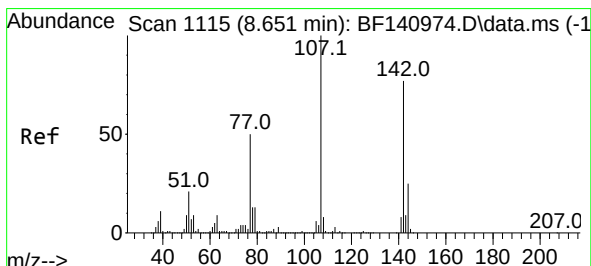
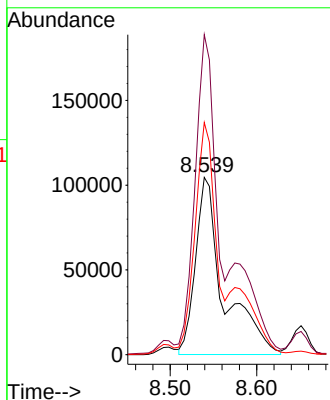
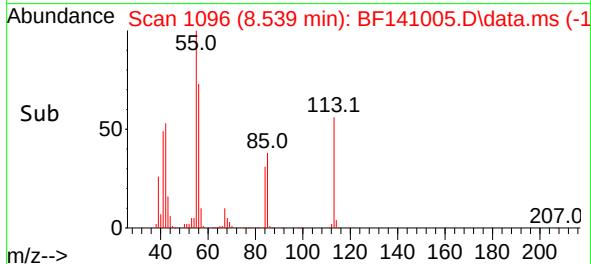
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:113 Resp: 236688
Ion Ratio Lower Upper
113 100
55 180.5 156.6 196.6
56 130.9 111.7 151.7

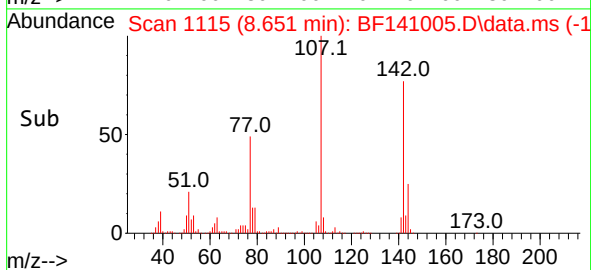
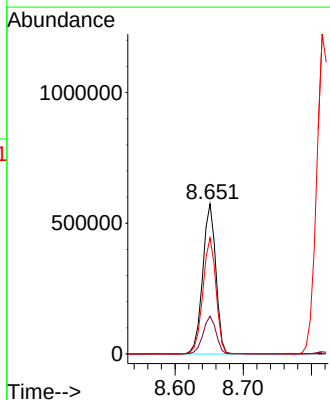
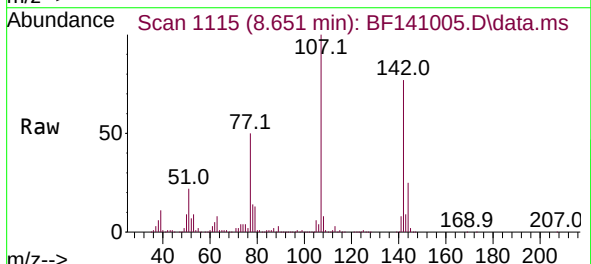
Manual Integrations
APPROVED

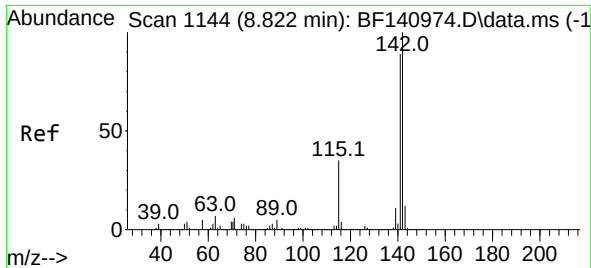
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#36
4-Chloro-3-methylphenol
Concen: 44.472 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:107 Resp: 770907
Ion Ratio Lower Upper
107 100
144 25.1 19.9 29.9
142 77.4 61.8 92.8





#37
2-Methylnaphthalene
Concen: 43.389 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

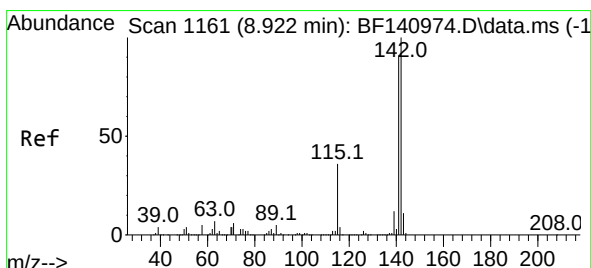
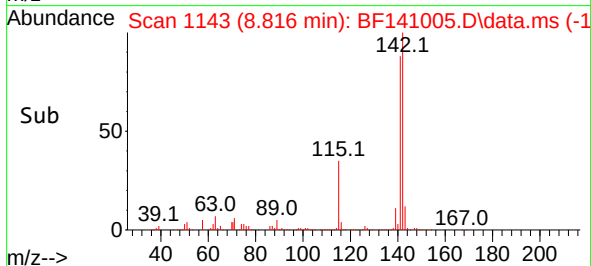
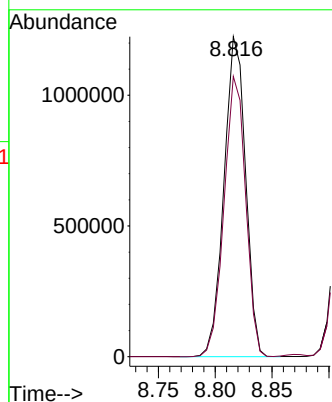
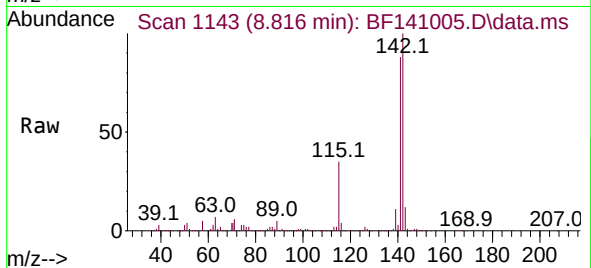
COMP-1MS

Tgt Ion:142 Resp: 1619398
Ion Ratio Lower Upper
142 100
141 87.6 71.1 106.7

Manual Integrations

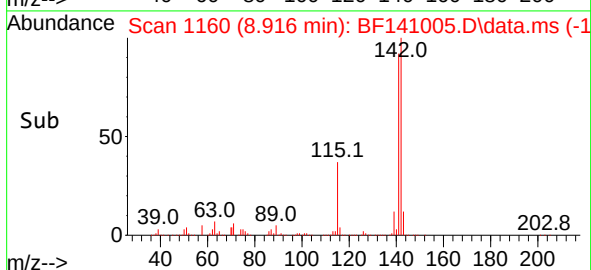
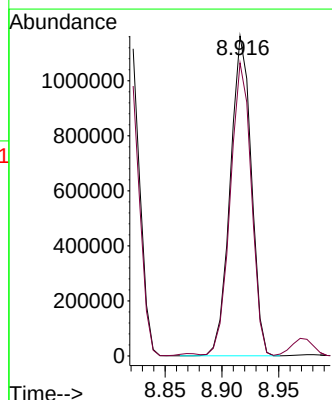
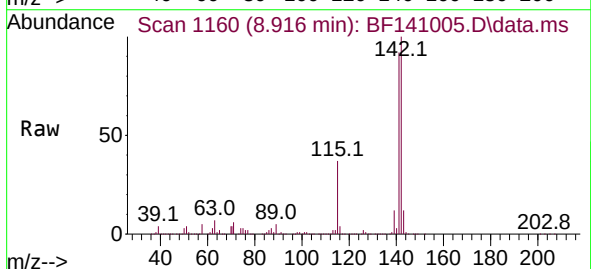
APPROVED

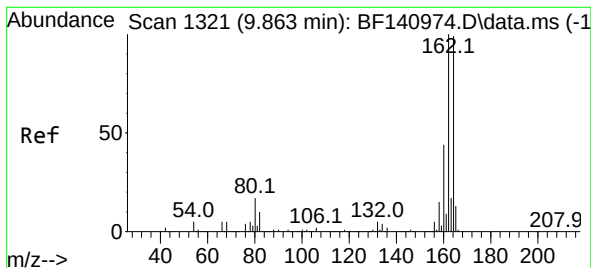
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 40.891 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:142 Resp: 1499893
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF141005.D

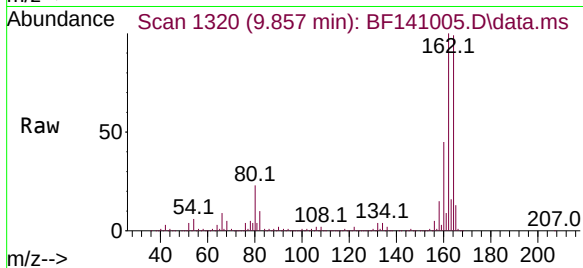
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



Tgt Ion:164 Resp: 588572

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

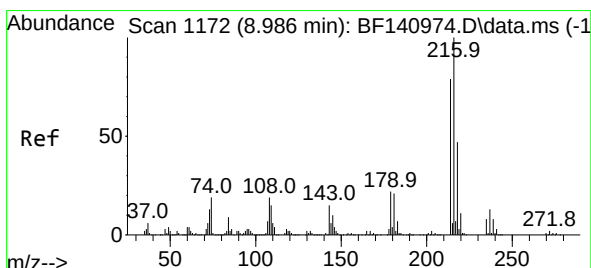
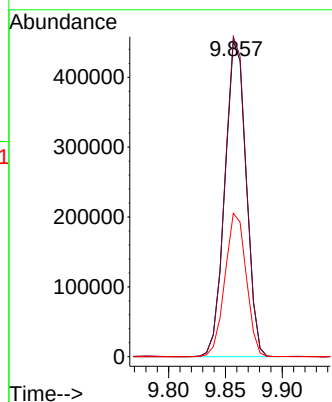
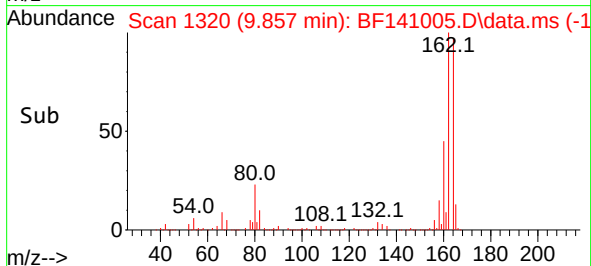
160 45.4 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.796 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Tgt Ion:216 Resp: 709155

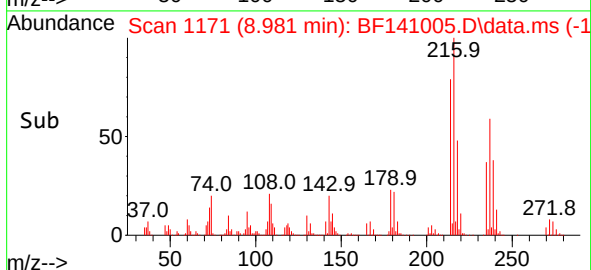
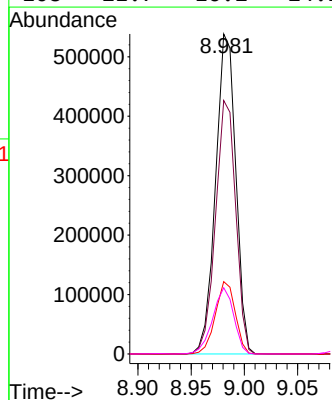
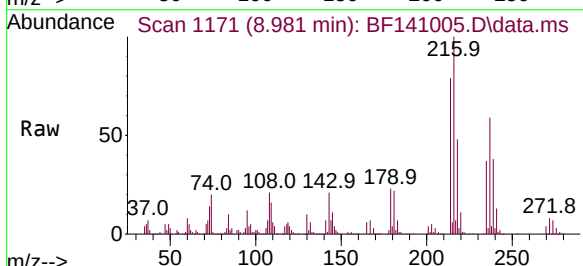
Ion Ratio Lower Upper

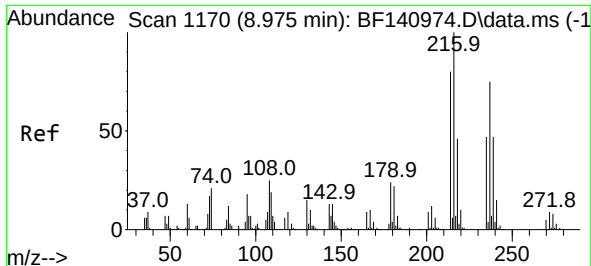
216 100

214 79.2 63.0 94.6

179 22.3 17.9 26.9

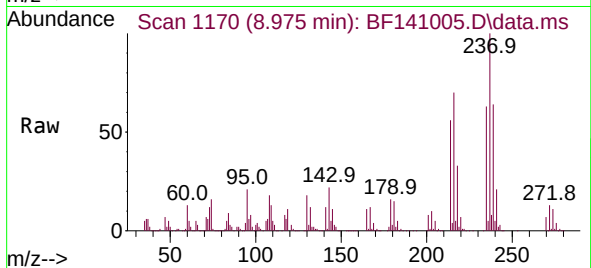
108 21.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 126.680 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

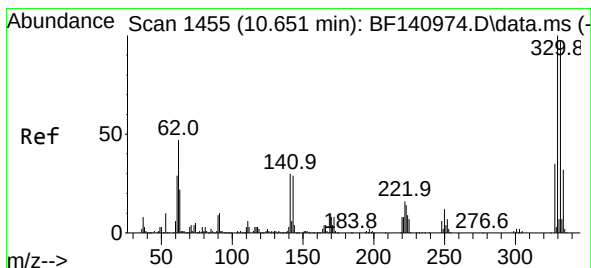
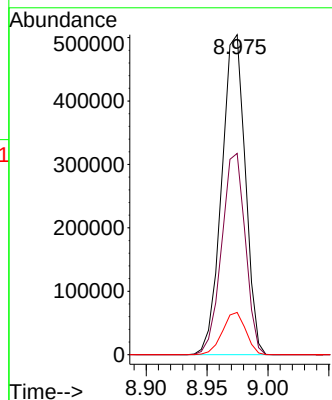
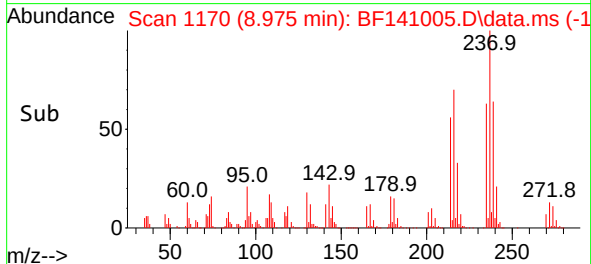
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:237 Resp: 679758
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.2 0.0 32.6

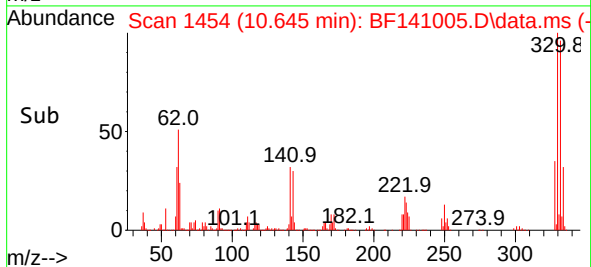
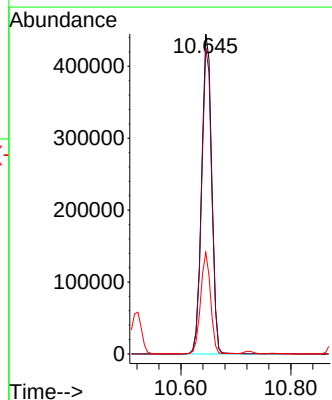
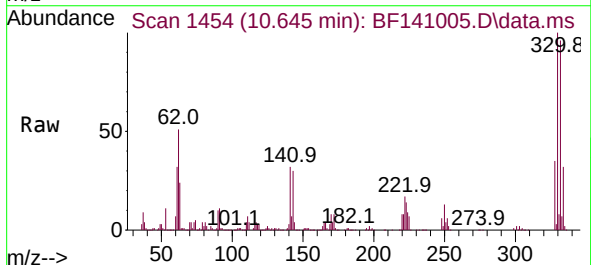
Manual Integrations
APPROVED

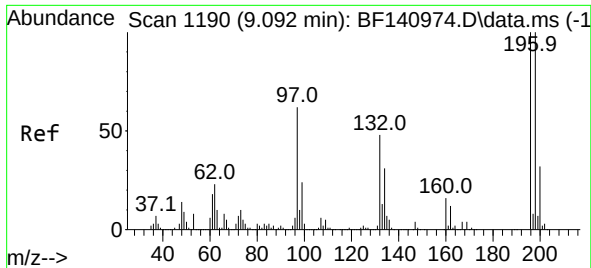
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#42
2,4,6-Tribromophenol
Concen: 99.309 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

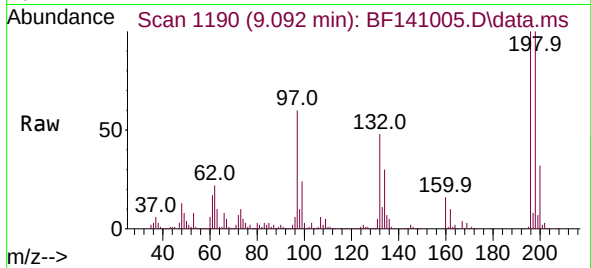
Tgt Ion:330 Resp: 567969
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 31.2 26.4 39.6





#43
2,4,6-Trichlorophenol
Concen: 47.255 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

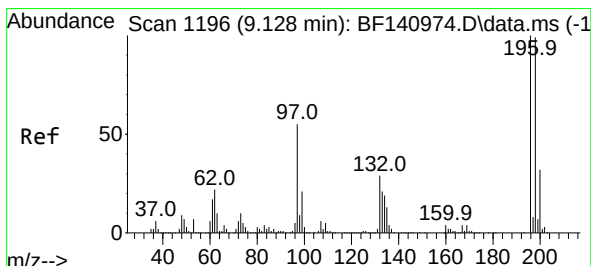
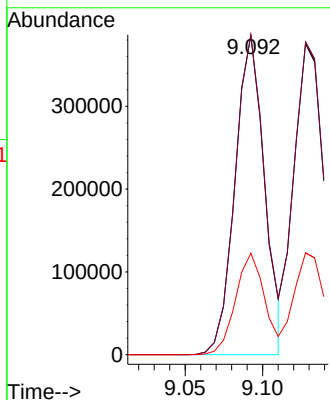
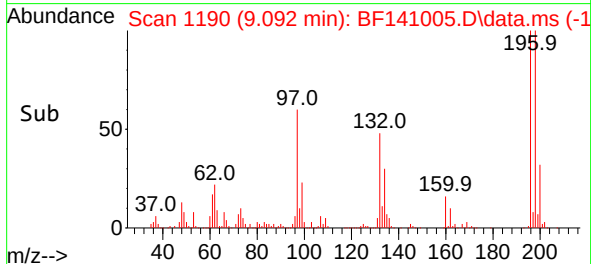
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



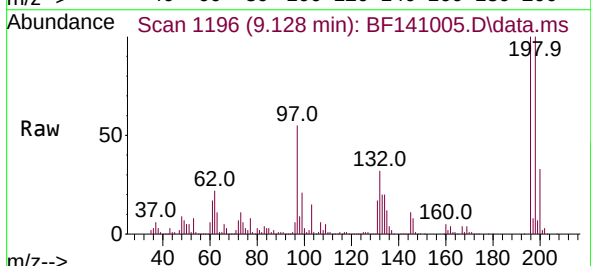
Tgt Ion:196 Resp: 509264
Ion Ratio Lower Upper
196 100
198 100.3 80.2 120.4
200 31.8 25.8 38.6

Manual Integrations
APPROVED

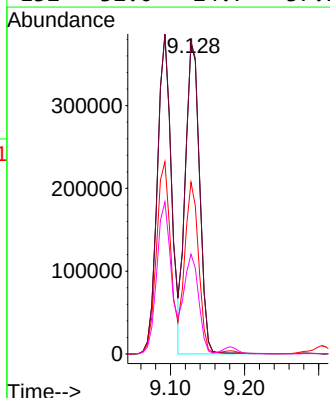
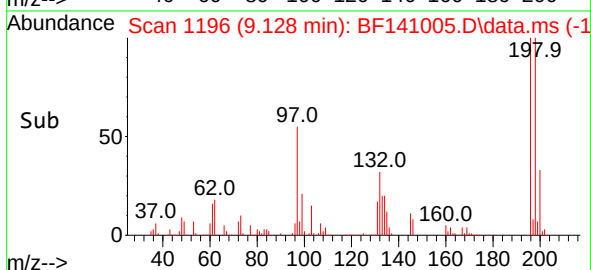
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

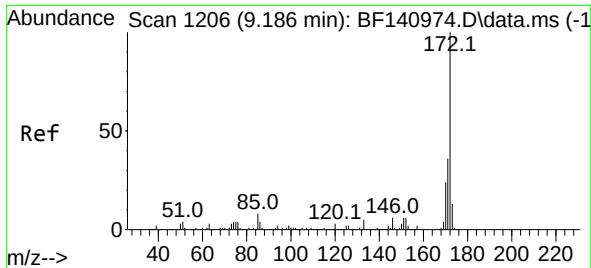


#44
2,4,5-Trichlorophenol
Concen: 45.525 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion:196 Resp: 501998
Ion Ratio Lower Upper
196 100
198 100.5 79.9 119.9
97 55.2 44.3 66.5
132 32.0 24.7 37.1





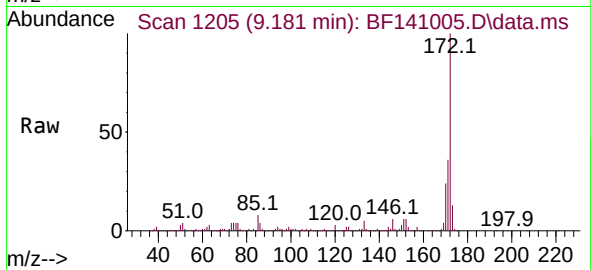
#45
2-Fluorobiphenyl
Concen: 61.915 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



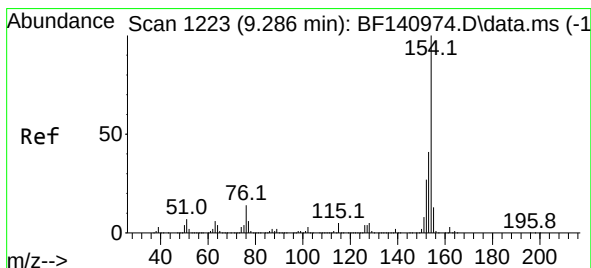
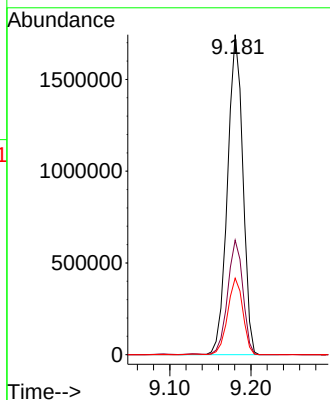
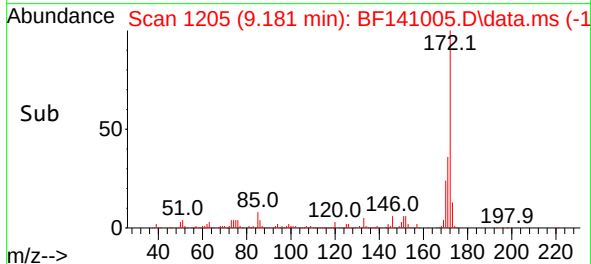
Tgt Ion:172 Resp: 228727
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.9 19.6 29.4

Manual Integrations

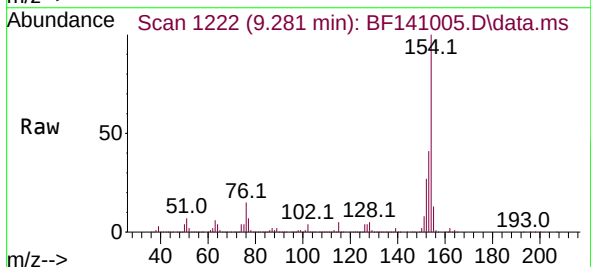
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

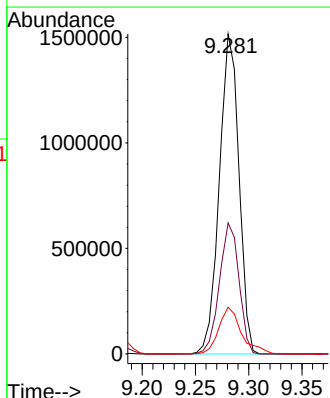
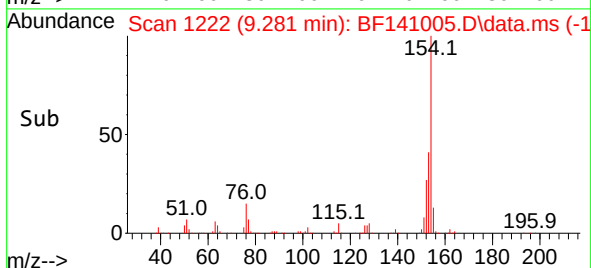
Supervised By :mohammad ahmed 12/30/2024

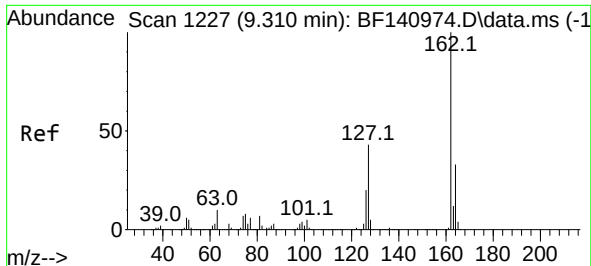


#46
1,1'-Biphenyl
Concen: 42.960 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.005 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion:154 Resp: 1936042
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 14.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 42.173 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

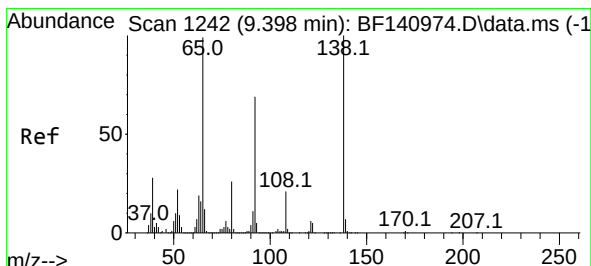
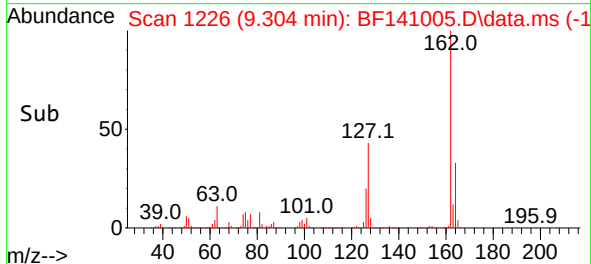
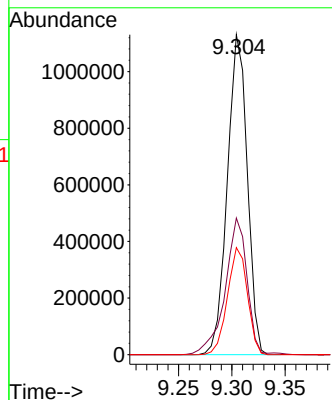
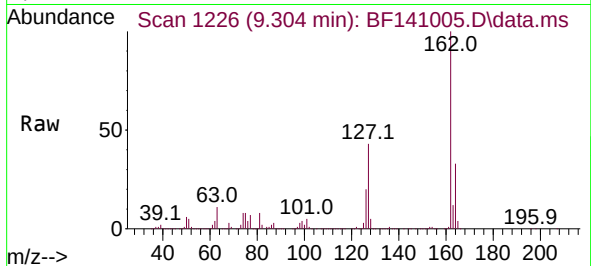
COMP-1MS

Tgt Ion:162 Resp: 1474030
Ion Ratio Lower Upper
162 100
127 42.7 34.2 51.4
164 33.5 26.6 40.0

Manual Integrations

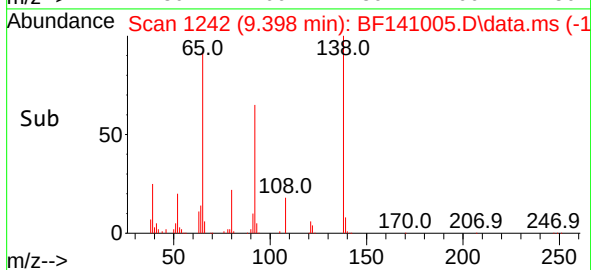
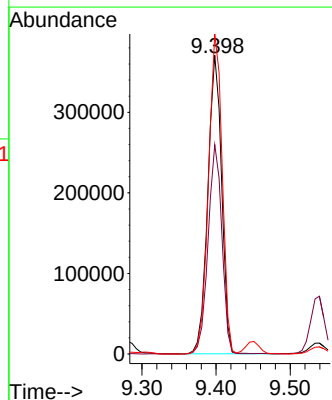
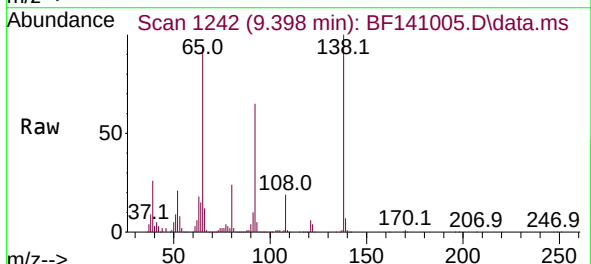
APPROVED

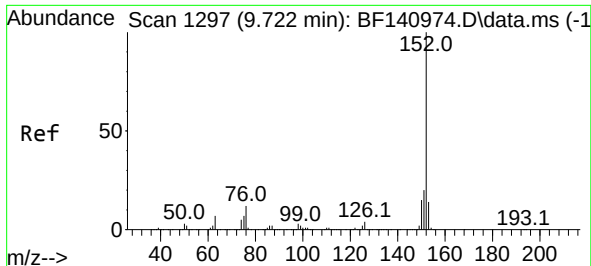
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#48
2-Nitroaniline
Concen: 52.190 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion: 65 Resp: 481313
Ion Ratio Lower Upper
65 100
92 70.1 55.6 83.4
138 107.1 80.5 120.7





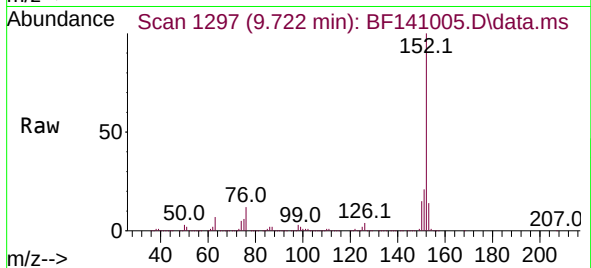
#49
Acenaphthylene
Concen: 45.291 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



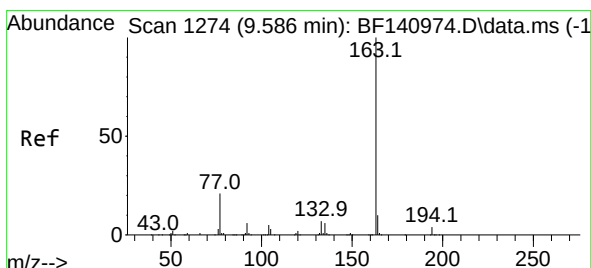
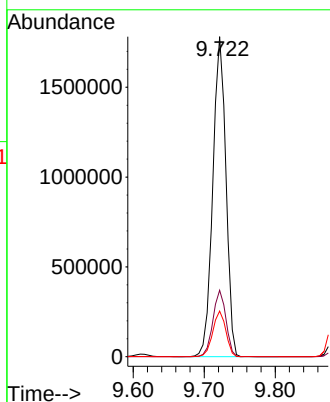
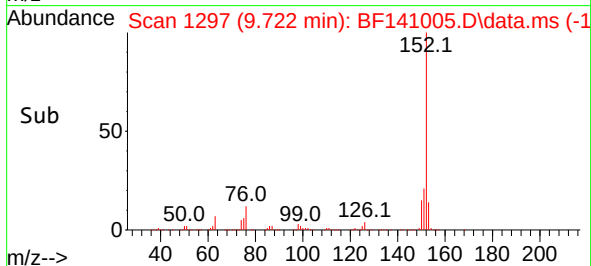
Tgt Ion:152 Resp: 227884
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.3 11.4 17.0

Manual Integrations

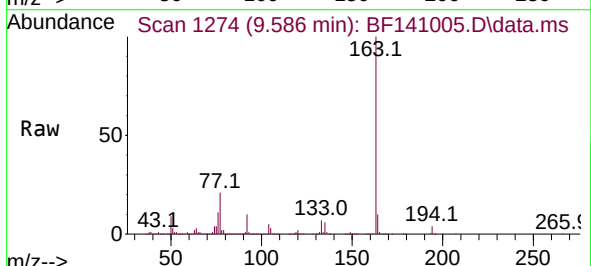
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

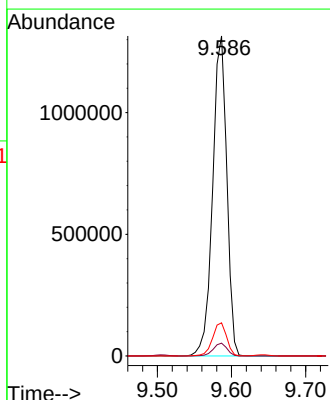
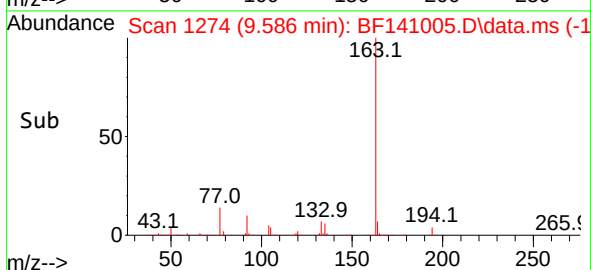
Supervised By :mohammad ahmed 12/30/2024

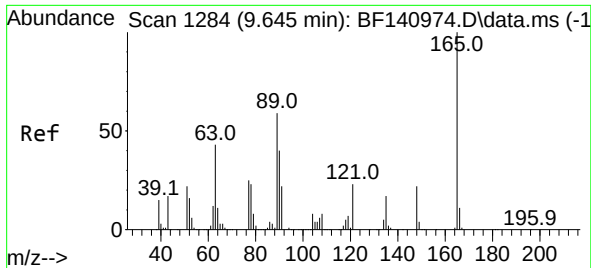


#50
Dimethylphthalate
Concen: 44.894 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion:163 Resp: 1738039
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.3 12.5





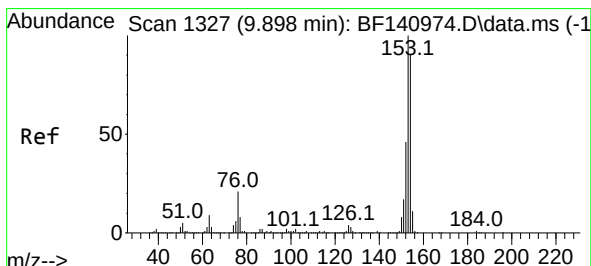
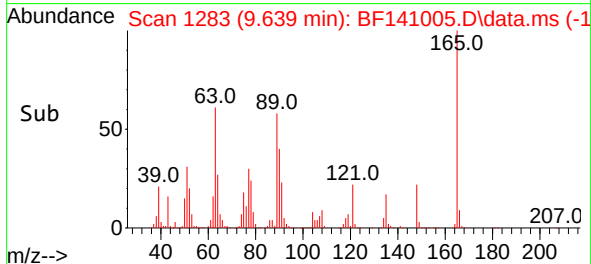
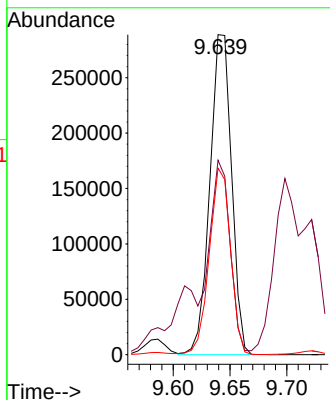
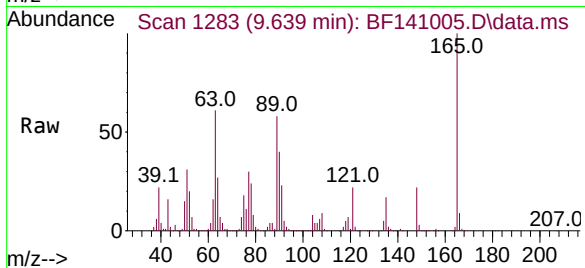
#51
2,6-Dinitrotoluene
Concen: 48.617 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:165 Resp: 384239
Ion Ratio Lower Upper
165 100
63 60.8 47.1 70.7
89 58.3 47.0 70.4

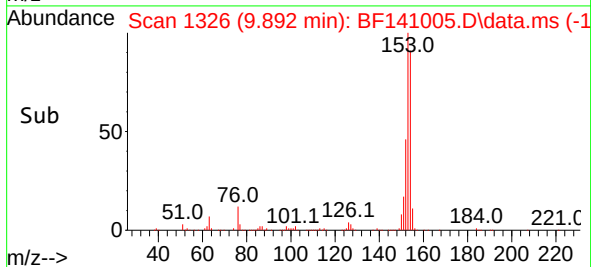
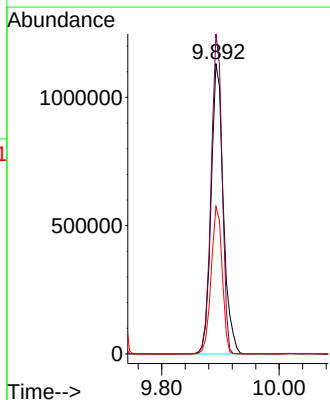
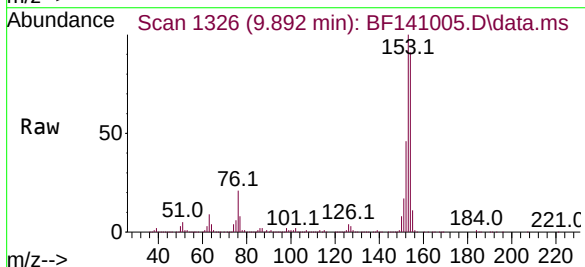
Manual Integrations
APPROVED

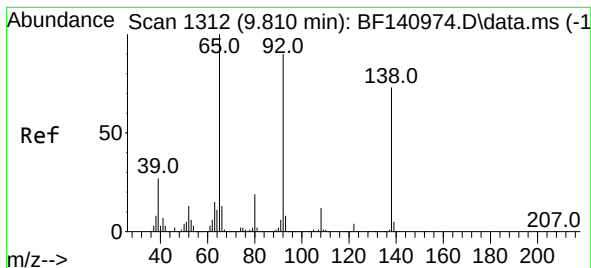
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#52
Acenaphthene
Concen: 48.139 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:154 Resp: 1637493
Ion Ratio Lower Upper
154 100
153 110.2 89.2 133.8
152 50.8 40.9 61.3





#53
3-Nitroaniline
Concen: 27.224 ng
RT: 9.804 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

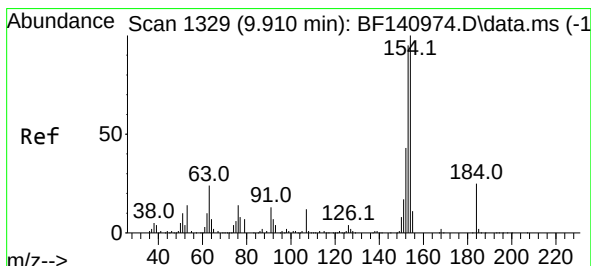
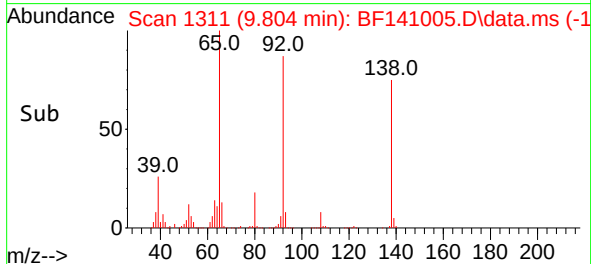
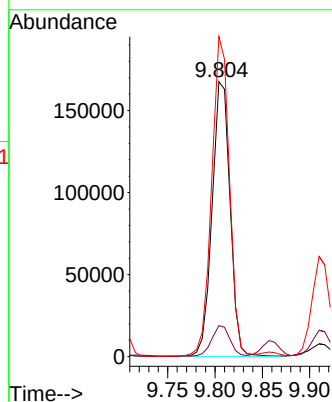
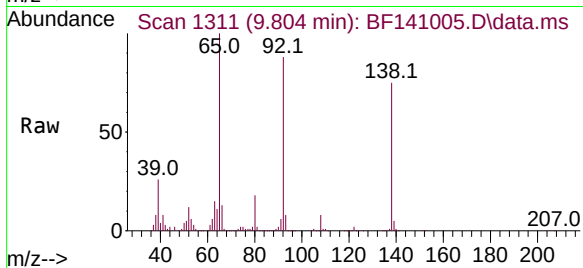
COMP-1MS

Tgt Ion:138 Resp: 220720
Ion Ratio Lower Upper
138 100
108 11.3 13.5 20.3#
92 116.3 97.7 146.5

Manual Integrations

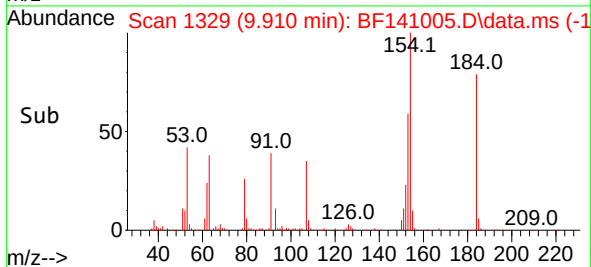
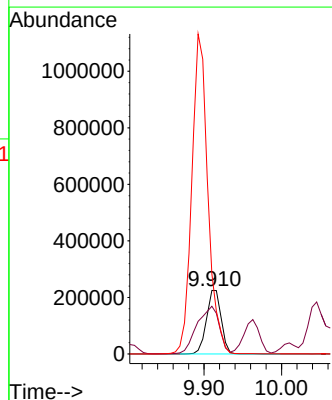
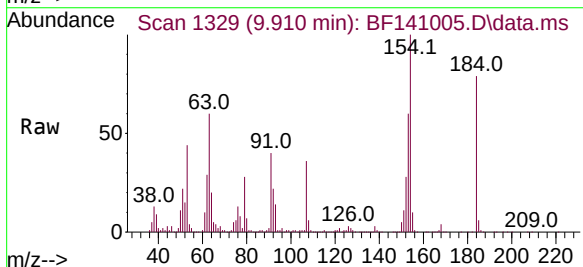
APPROVED

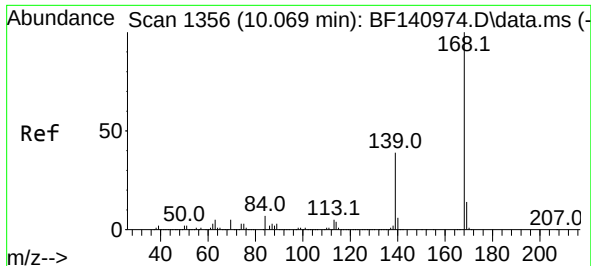
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#54
2,4-Dinitrophenol
Concen: 89.242 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

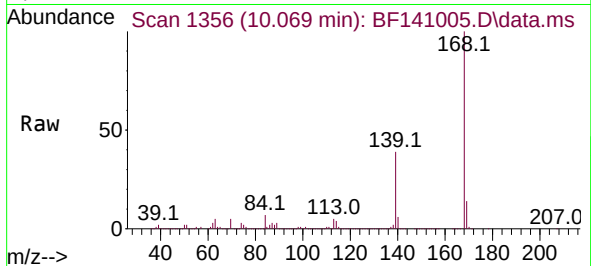
Tgt Ion:184 Resp: 295322
Ion Ratio Lower Upper
184 100
63 75.2 81.6 122.4#
154 126.2 363.5 545.3#





#55
Dibenzenofuran
Concen: 43.866 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

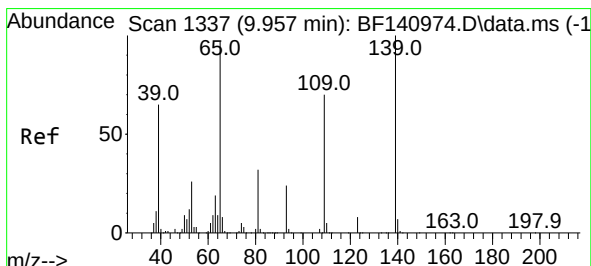
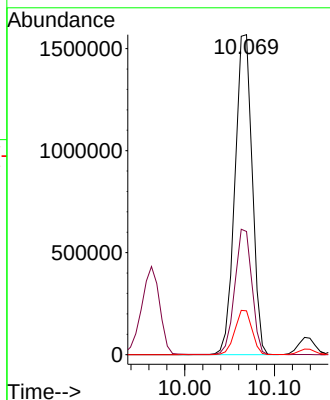
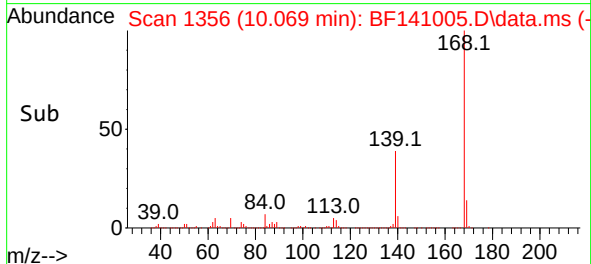
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:168 Resp: 209694
Ion Ratio Lower Upper
168 100
139 38.5 31.6 47.4
169 13.7 11.0 16.6

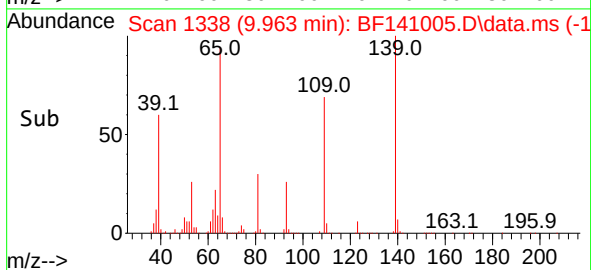
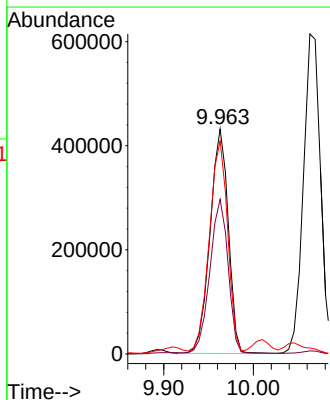
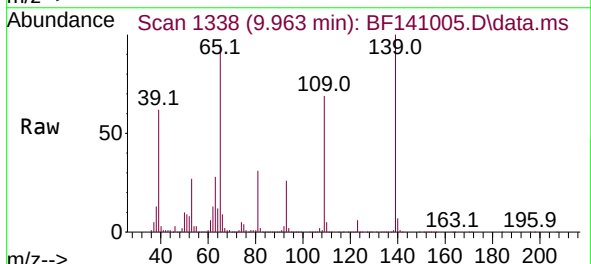
Manual Integrations
APPROVED

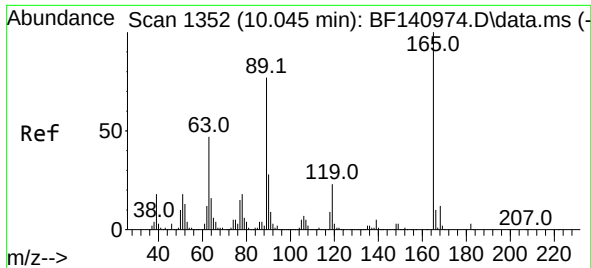
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 92.118 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

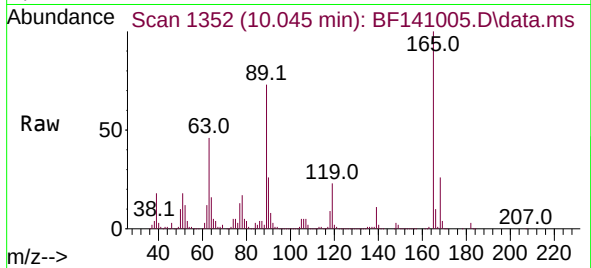
Tgt Ion:139 Resp: 610043
Ion Ratio Lower Upper
139 100
109 68.7 50.8 90.8
65 94.6 78.5 118.5





#57
2,4-Dinitrotoluene
Concen: 52.223 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

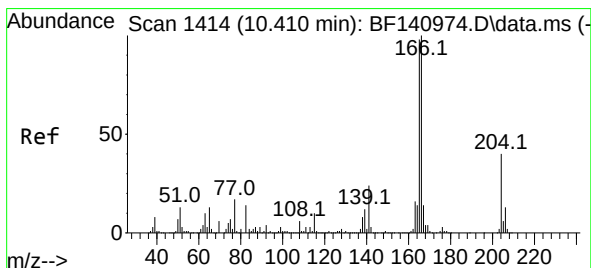
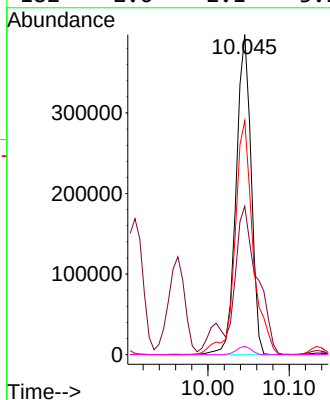
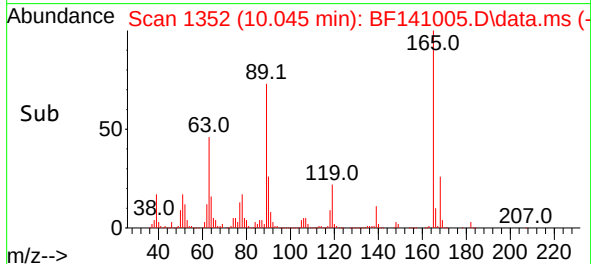
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:165 Resp: 508760
Ion Ratio Lower Upper
165 100
63 46.4 38.1 57.1
89 73.1 61.4 92.2
182 2.6 2.1 3.1

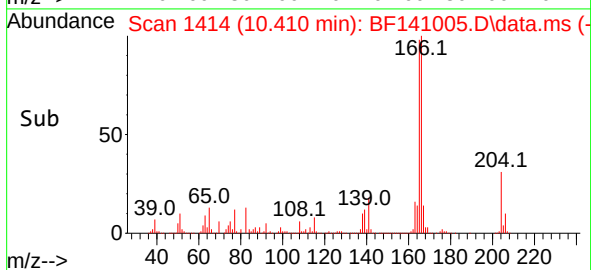
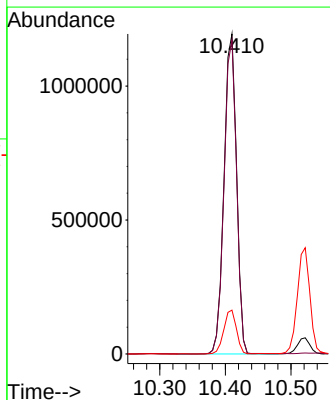
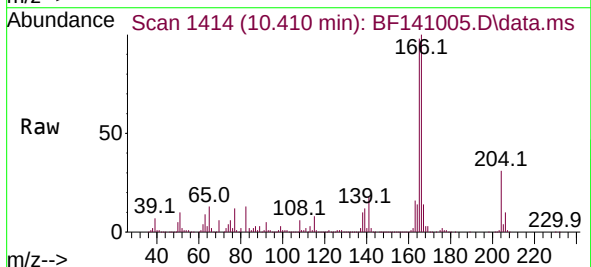
Manual Integrations
APPROVED

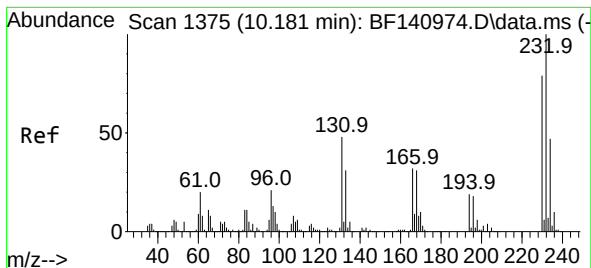
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 42.491 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

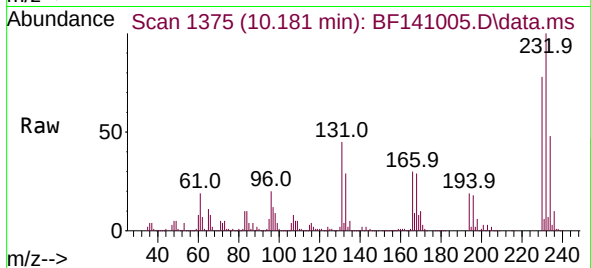
Tgt Ion:166 Resp: 1575122
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.466 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

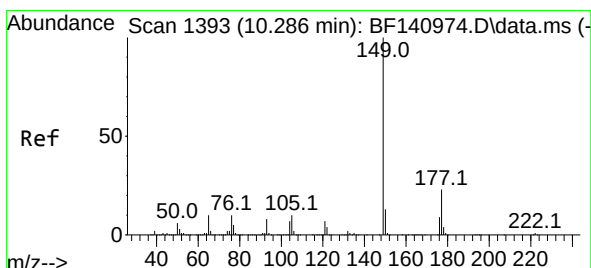
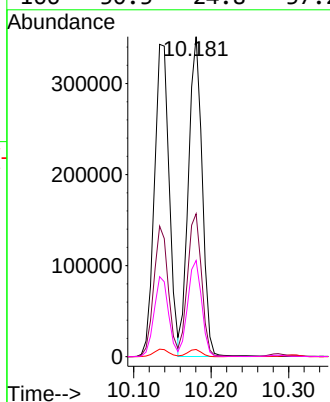
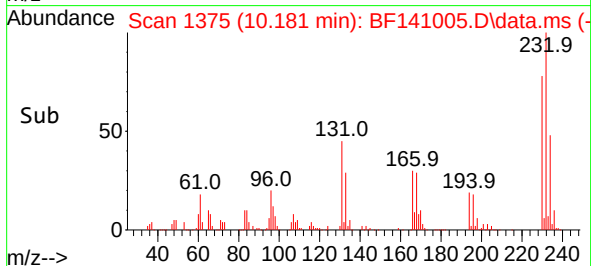
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



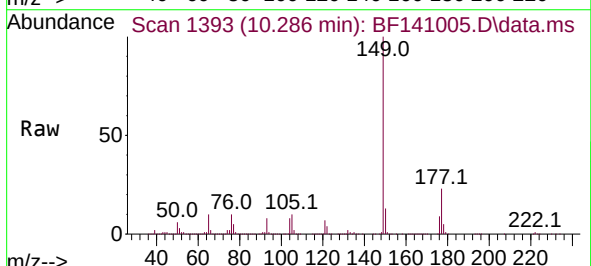
Tgt Ion:232 Resp: 433475
Ion Ratio Lower Upper
232 100
131 45.4 37.4 56.2
130 2.3 1.8 2.8
166 30.3 24.8 37.2

Manual Integrations
APPROVED

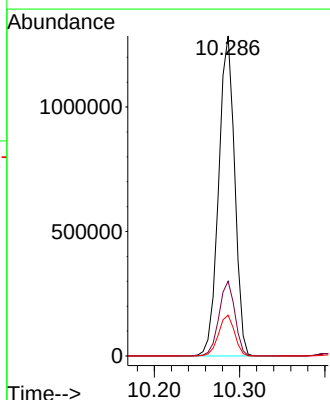
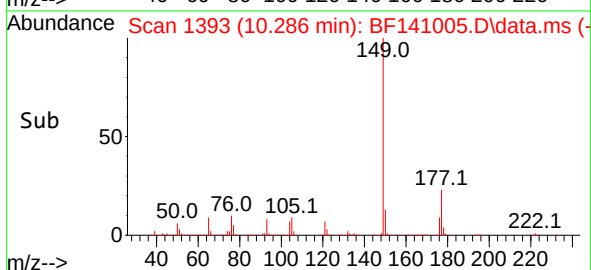
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

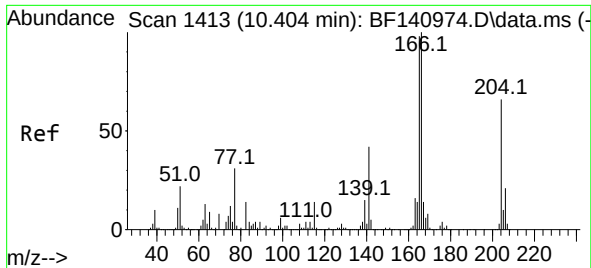


#60
Diethylphthalate
Concen: 44.002 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion:149 Resp: 1681764
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.7 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 42.918 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

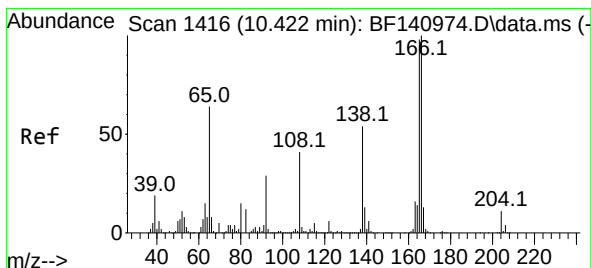
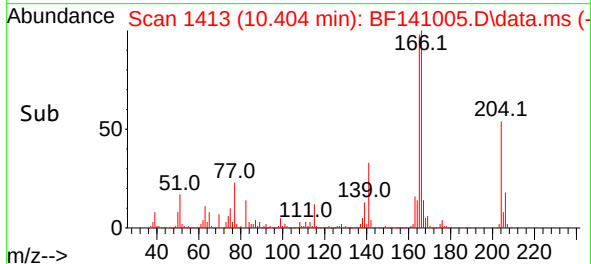
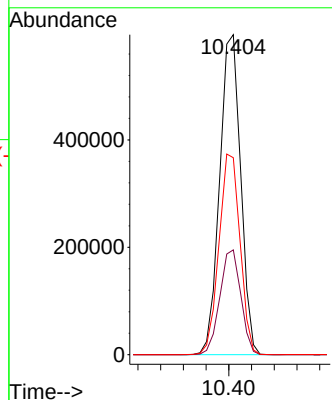
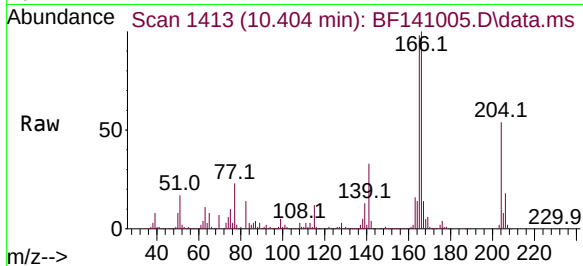
ClientSampleId :

COMP-1MS

Tgt Ion:204 Resp: 76553
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 61.6 51.2 76.8

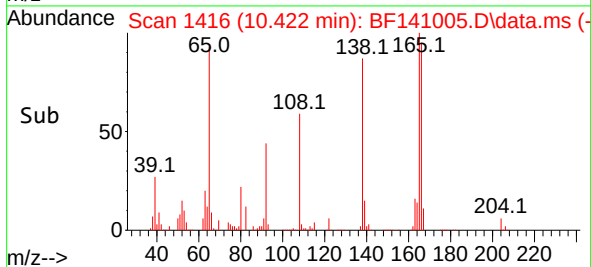
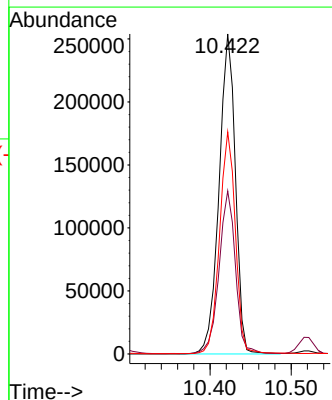
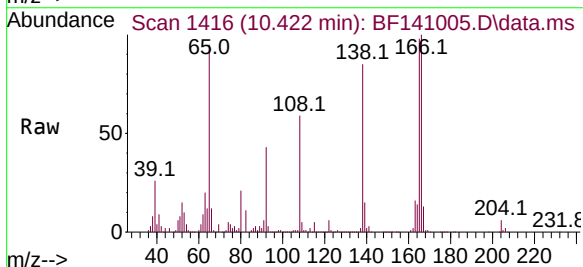
Manual Integrations
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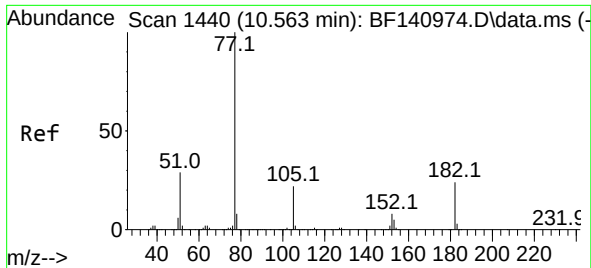
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#62
4-Nitroaniline
Concen: 41.938 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

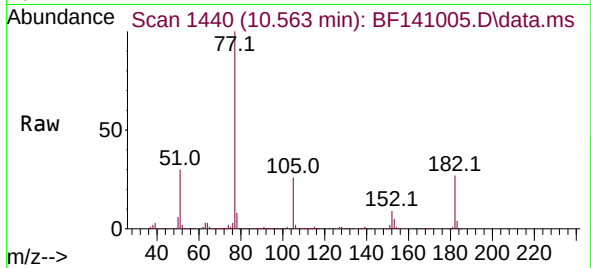
Tgt Ion:138 Resp: 355834
Ion Ratio Lower Upper
138 100
92 51.0 34.8 74.8
108 69.4 55.9 95.9





#63
Azobenzene
Concen: 47.286 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

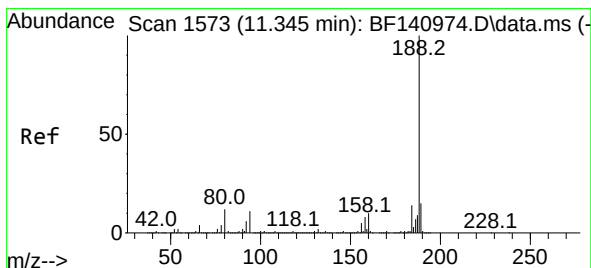
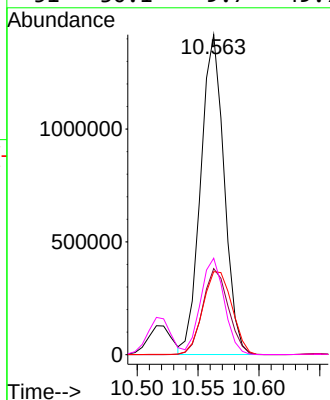
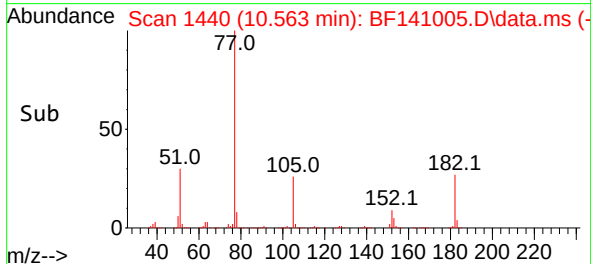
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion: 77 Resp: 189693
Ion Ratio Lower Upper
77 100
182 26.9 4.1 44.1
105 26.0 1.8 41.8
51 30.1 9.7 49.7

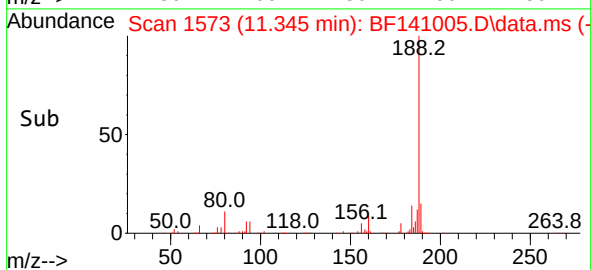
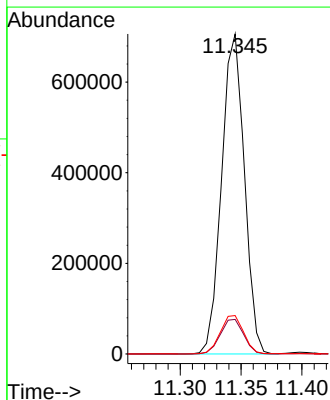
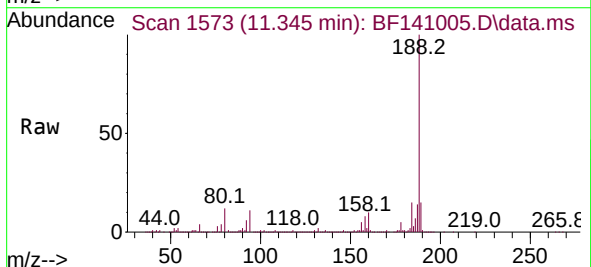
Manual Integrations
APPROVED

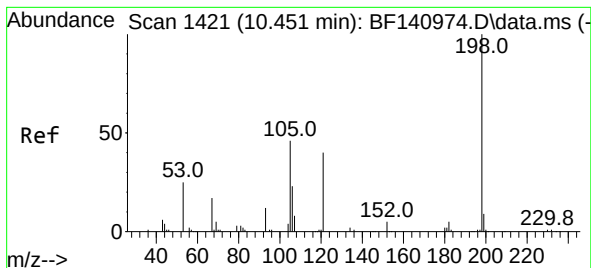
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

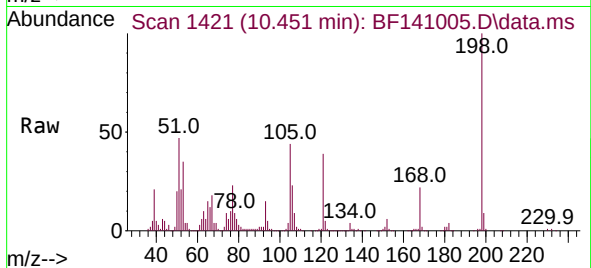
Tgt Ion:188 Resp: 918746
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 12.0 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 55.726 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

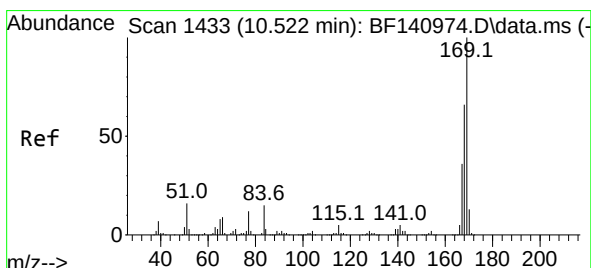
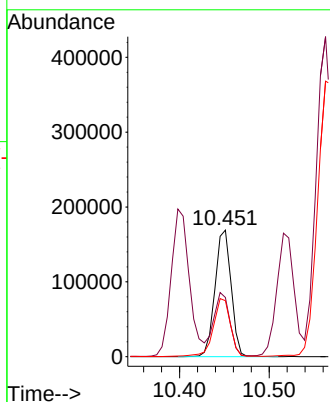
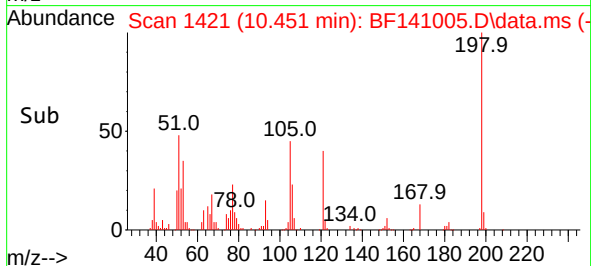
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



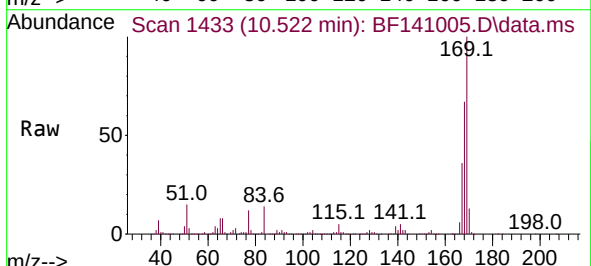
Tgt Ion:198 Resp: 210972
Ion Ratio Lower Upper
198 100
51 46.8 32.3 72.3
105 44.2 28.4 68.4

Manual Integrations
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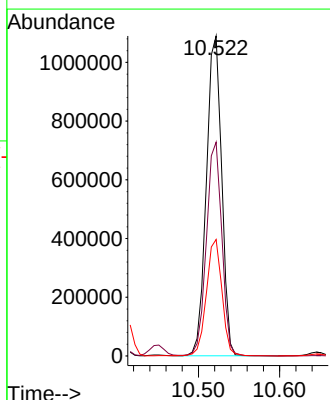
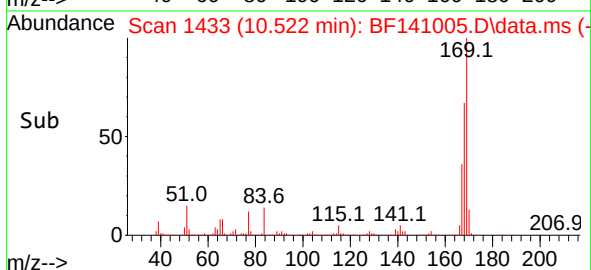
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

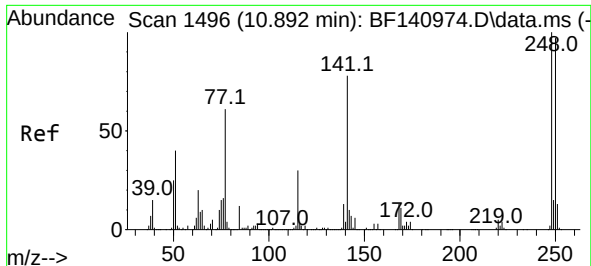


#66
n-Nitrosodiphenylamine
Concen: 49.140 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



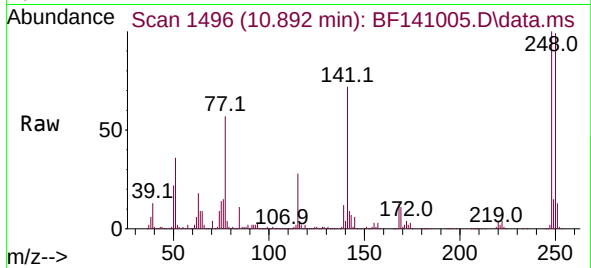
Tgt Ion:169 Resp: 1421663
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.4 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 50.072 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

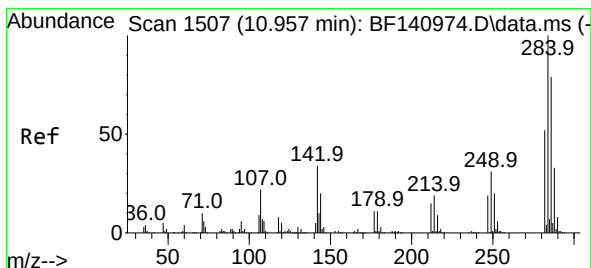
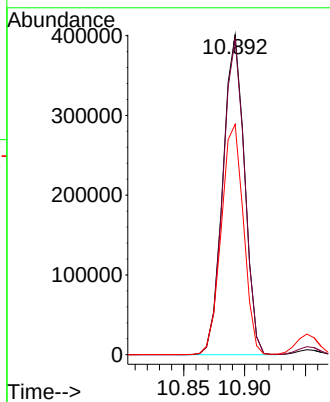
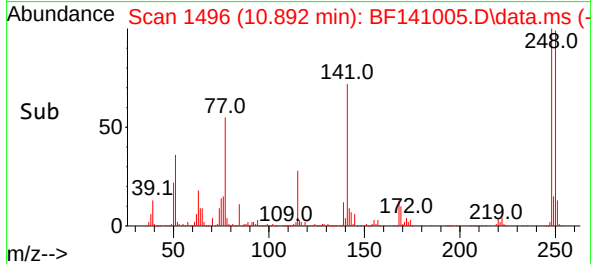
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



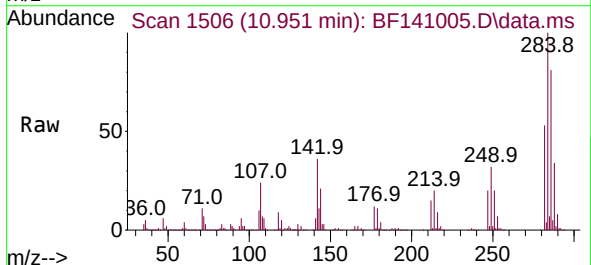
Tgt Ion:248 Resp: 49730
Ion Ratio Lower Upper
248 100
250 98.6 77.7 116.5
141 72.0 62.1 93.1

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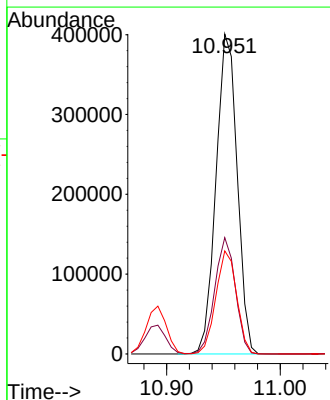
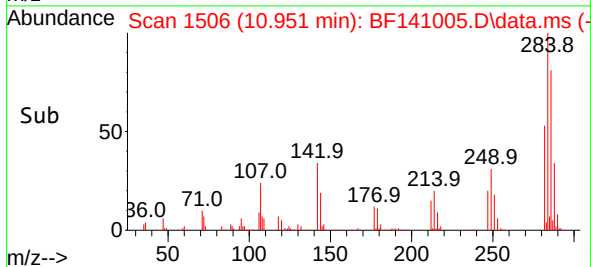
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

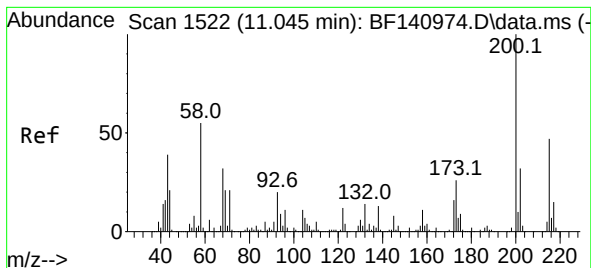


#68
Hexachlorobenzene
Concen: 47.376 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion:284 Resp: 518836
Ion Ratio Lower Upper
284 100
142 36.4 27.1 40.7
249 32.2 25.1 37.7





#69

Atrazine

Concen: 57.027 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

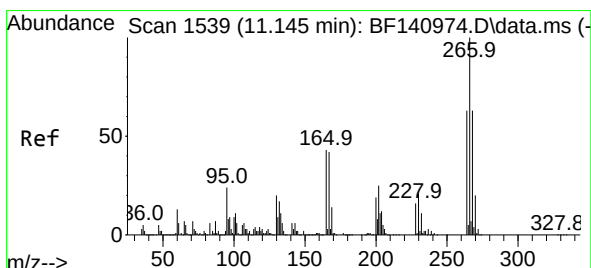
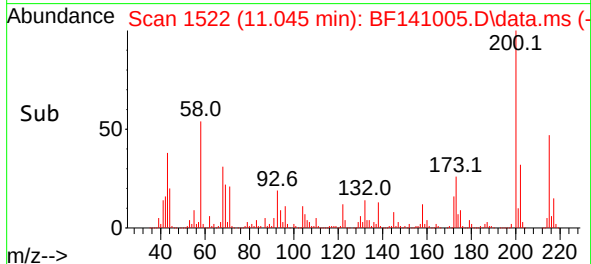
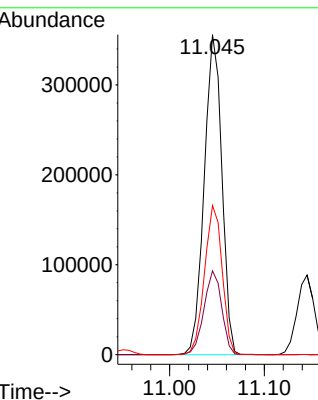
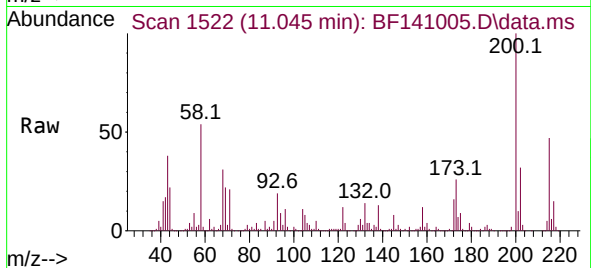
Tgt Ion:200 Resp: 460910
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.4 46.4
 215 46.6 27.2 67.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 88.381 ng

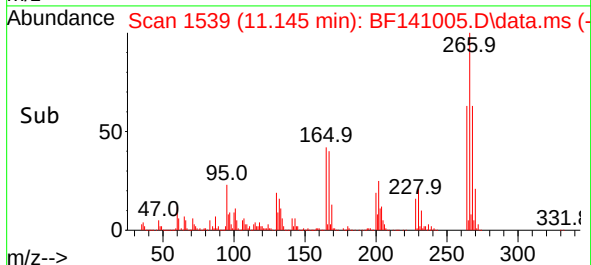
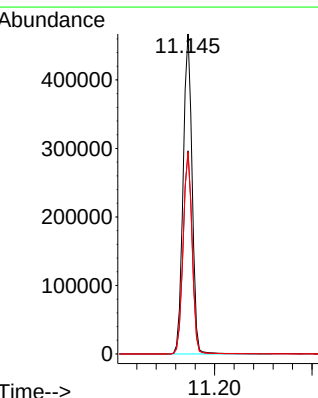
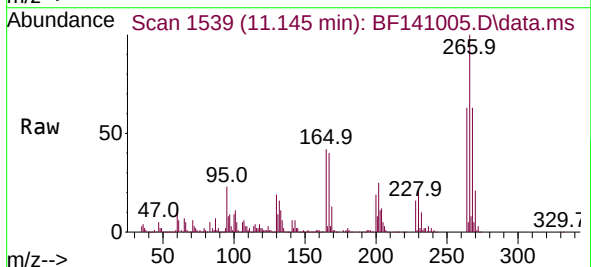
RT: 11.145 min Scan# 1539

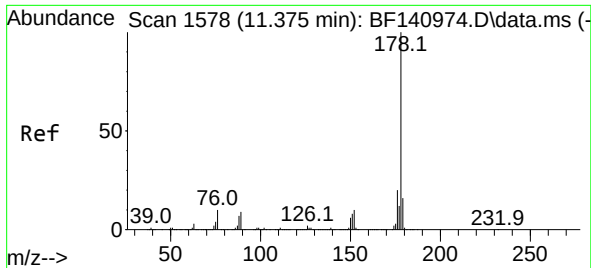
Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Tgt Ion:266 Resp: 602620
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.5 75.7
 264 63.0 50.2 75.4





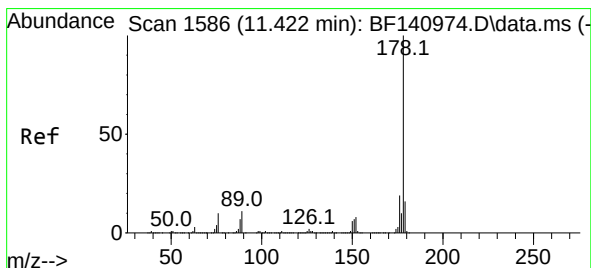
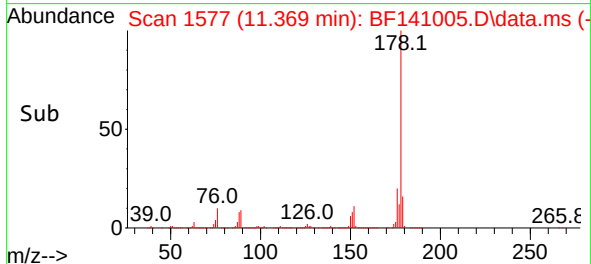
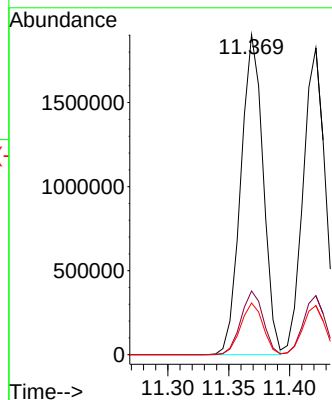
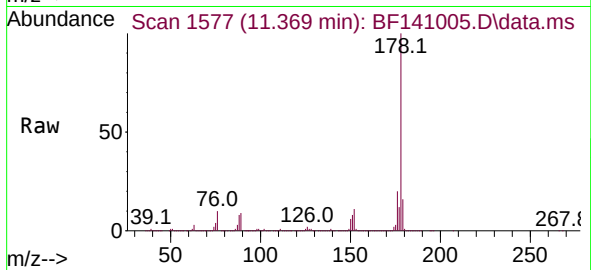
#71
Phenanthrene
Concen: 50.291 ng
RT: 11.369 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:178 Resp: 243180
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.1 12.6 19.0

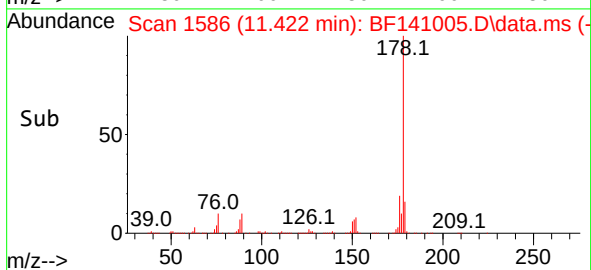
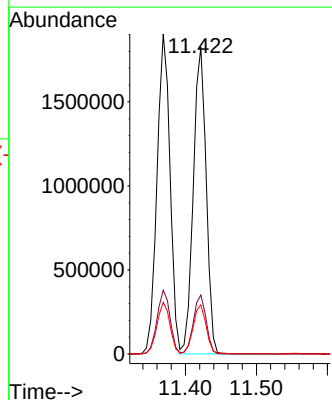
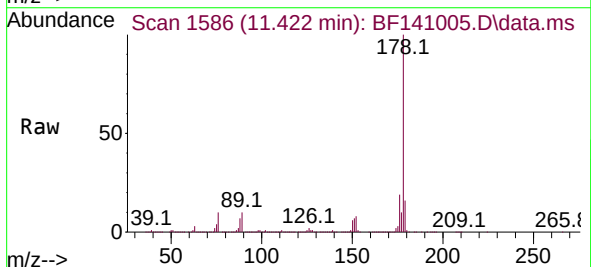
Manual Integrations
APPROVED

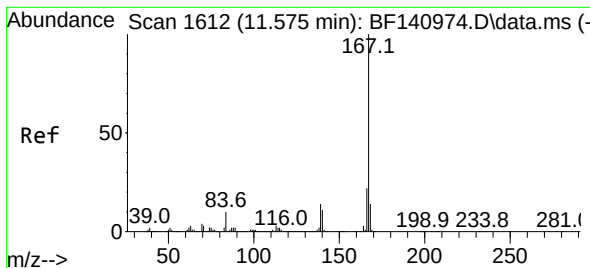
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 48.471 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

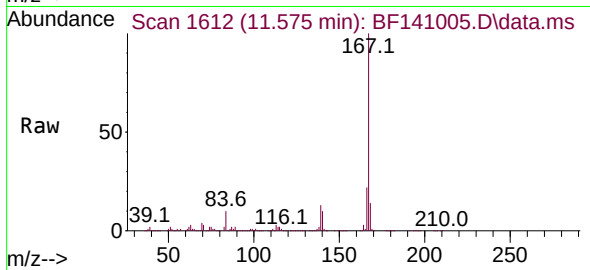
Tgt Ion:178 Resp: 2296625
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 41.470 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141005.D
 Acq: 27 Dec 2024 19:05

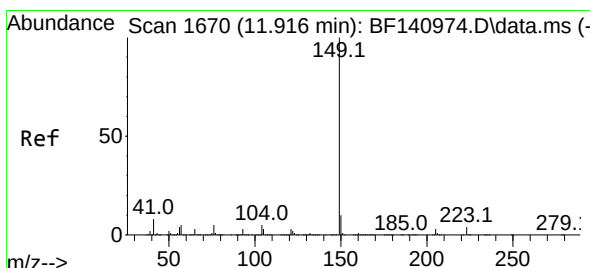
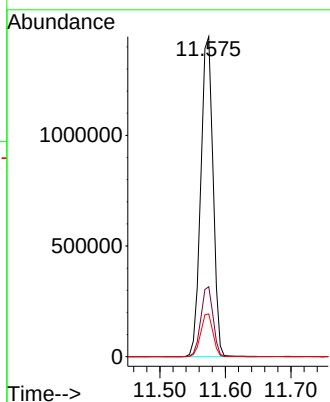
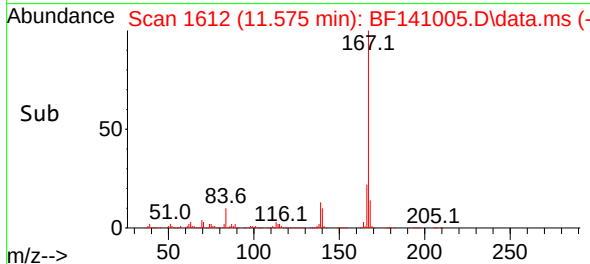
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS



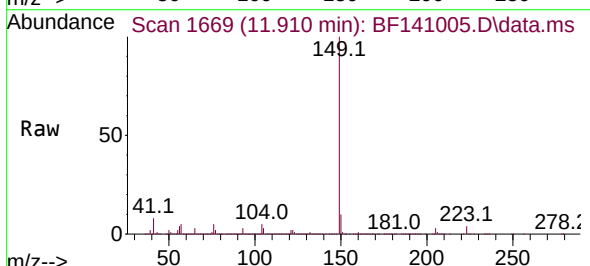
Tgt Ion:167 Resp: 1888910
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.4 11.0 16.4

Manual Integrations
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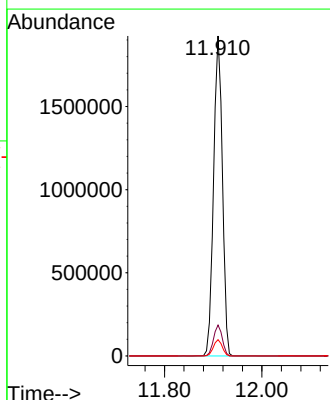
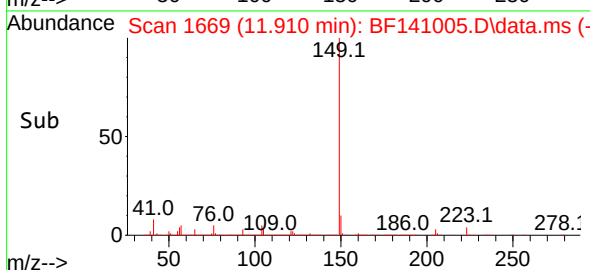
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

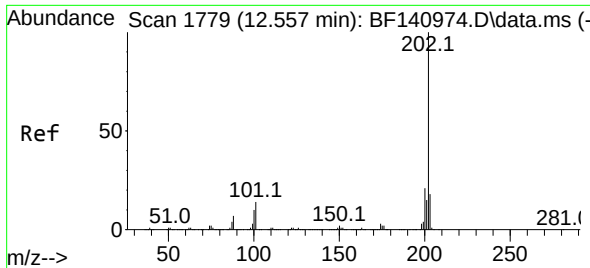


#74
 Di-n-butylphthalate
 Concen: 46.413 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141005.D
 Acq: 27 Dec 2024 19:05



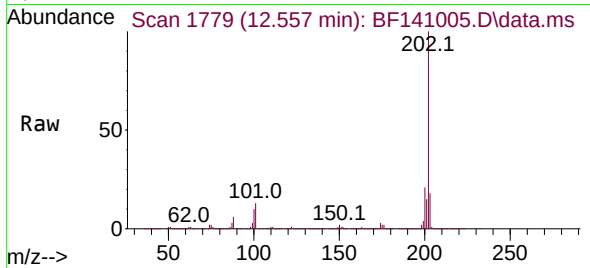
Tgt Ion:149 Resp: 2404518
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 42.378 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

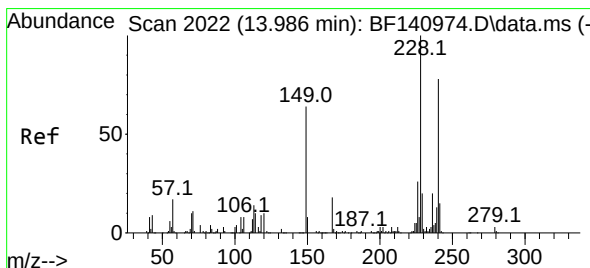
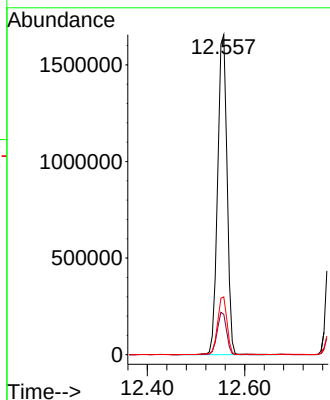
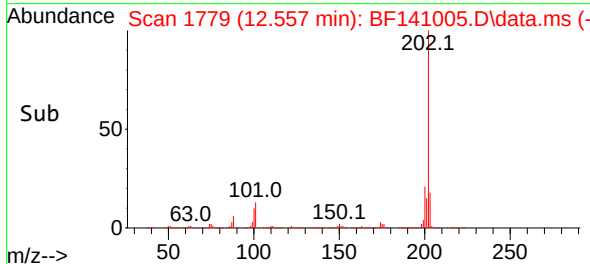
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:202 Resp: 2222434
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.7
203 18.0 0.0 38.1

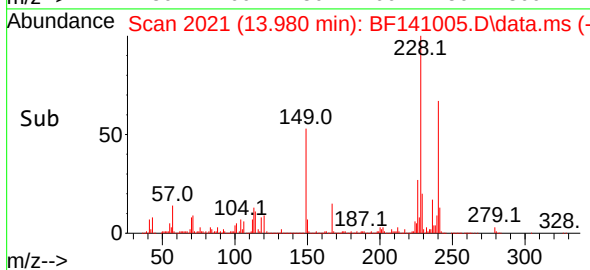
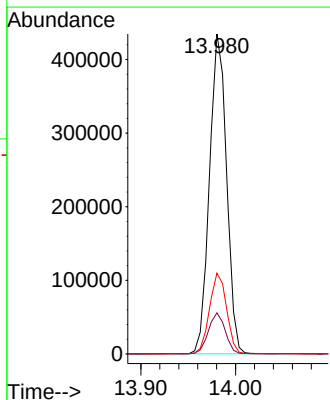
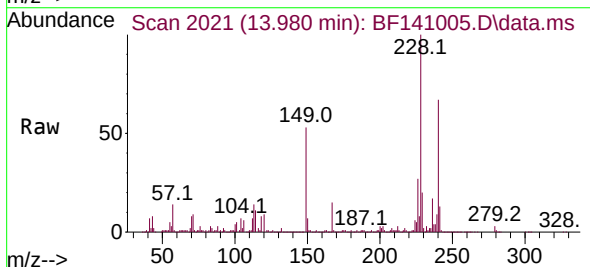
Manual Integrations
APPROVED

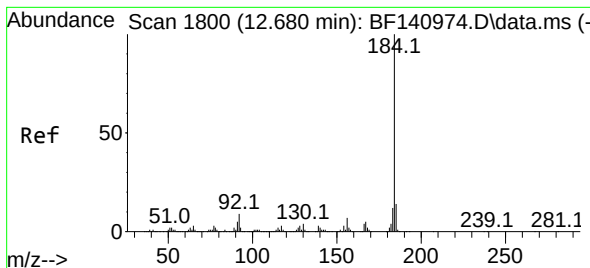
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:240 Resp: 544083
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 25.3 20.6 31.0





#77
Benzidine
Concen: 42.743 ng
RT: 12.674 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

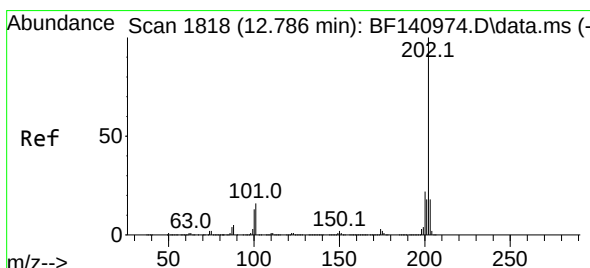
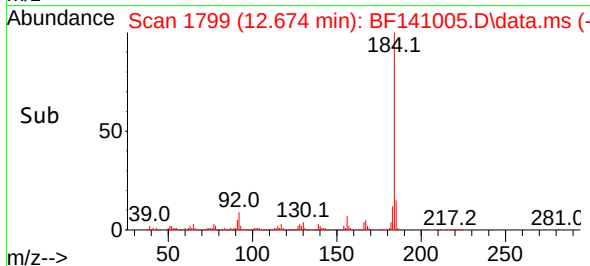
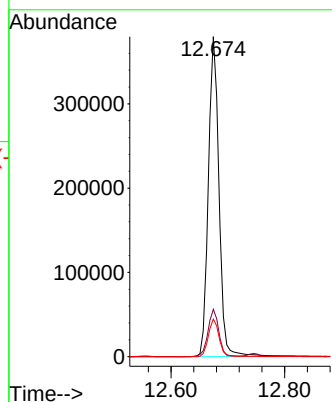
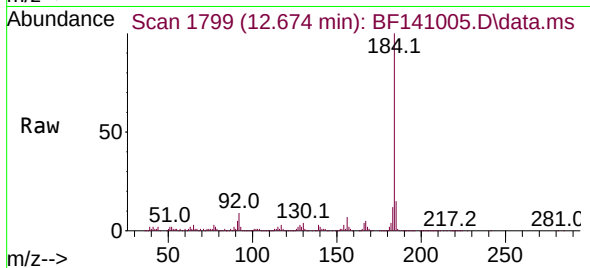
COMP-1MS

Tgt Ion:184 Resp: 491483
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 11.7 9.4 14.0

Manual Integrations

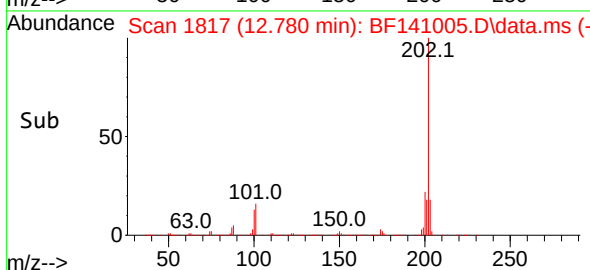
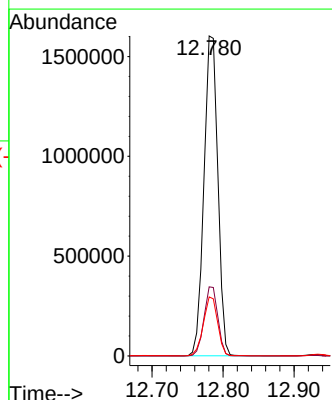
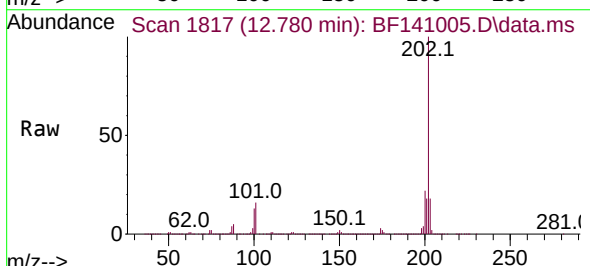
APPROVED

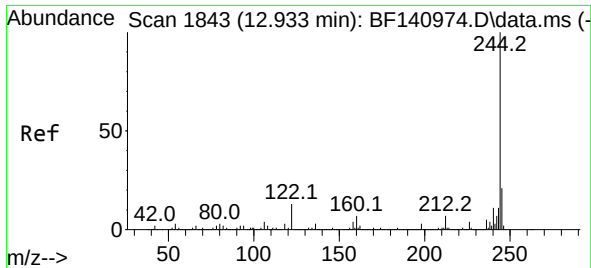
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#78
Pyrene
Concen: 45.918 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:202 Resp: 2184966
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.4 14.6 21.8





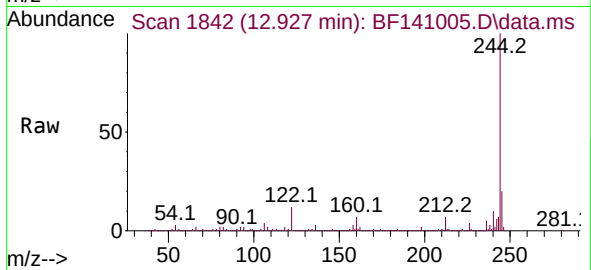
#79
 Terphenyl-d14
 Concen: 62.678 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF141005.D
 Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

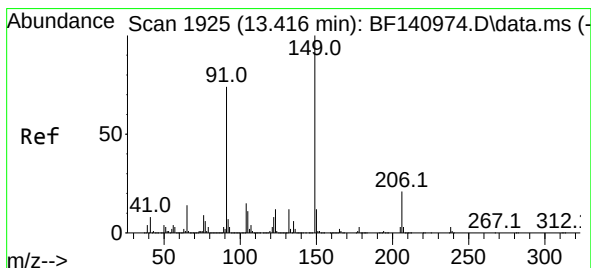
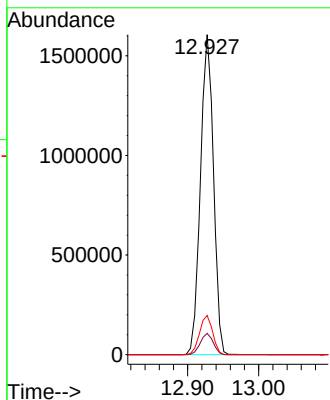
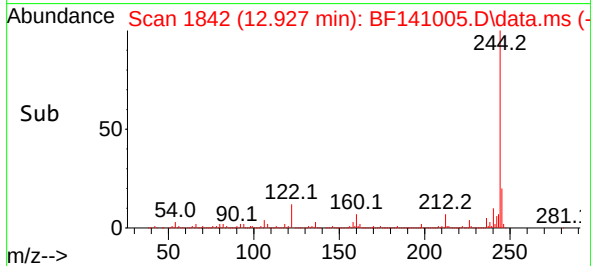


Tgt Ion:244 Resp: 2053110
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 12.2 10.2 15.2

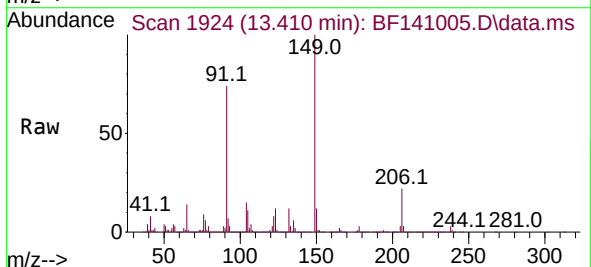
Manual Integrations

APPROVED

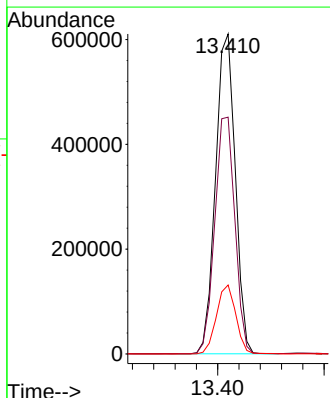
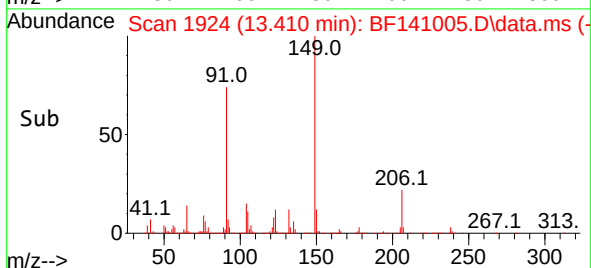
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

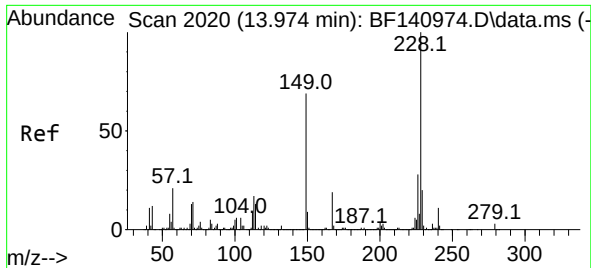


#80
 Butylbenzylphthalate
 Concen: 45.064 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141005.D
 Acq: 27 Dec 2024 19:05



Tgt Ion:149 Resp: 783009
 Ion Ratio Lower Upper
 149 100
 91 74.0 59.5 89.3
 206 21.6 17.1 25.7





#81
Benzo(a)anthracene
Concen: 44.315 ng
RT: 13.969 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

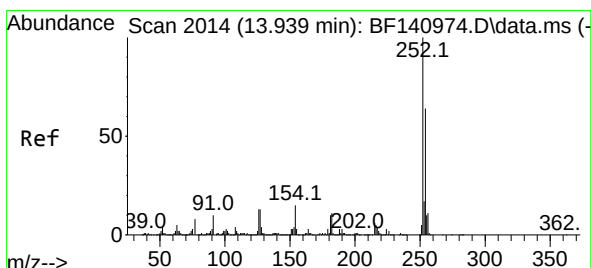
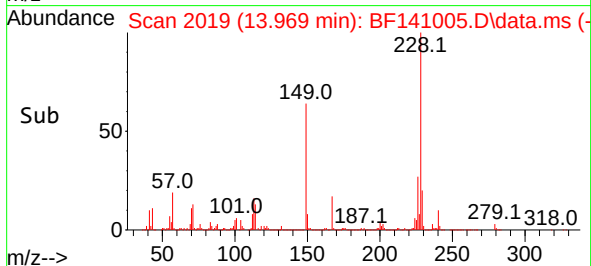
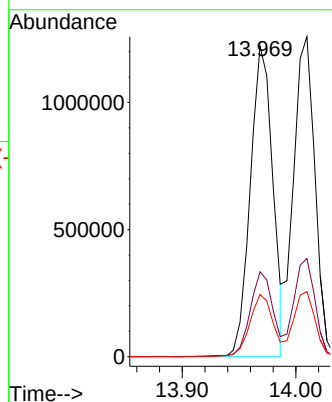
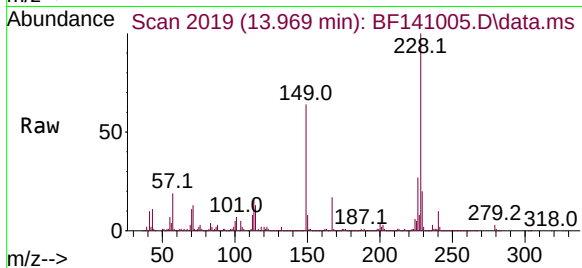
COMP-1MS

Tgt Ion:228 Resp: 168038
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.0 16.2 24.2

Manual Integrations

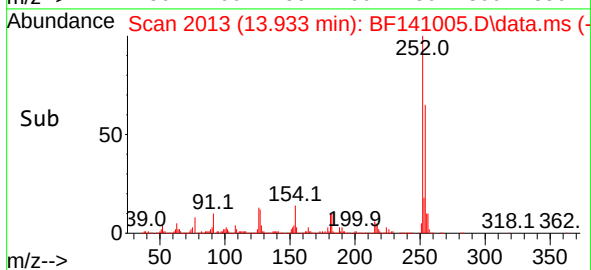
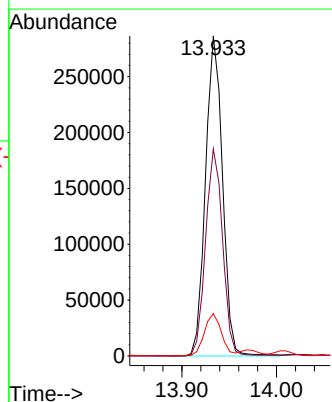
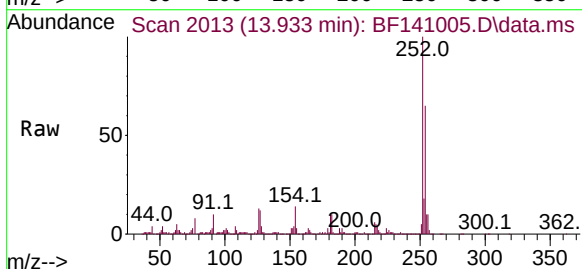
APPROVED

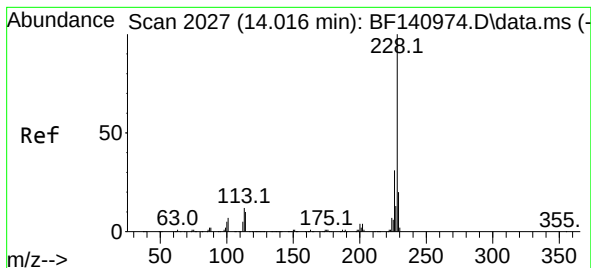
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 31.484 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:252 Resp: 358685
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 13.3 10.3 15.5





#83

Chrysene

Concen: 47.910 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:228 Resp: 1637728

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

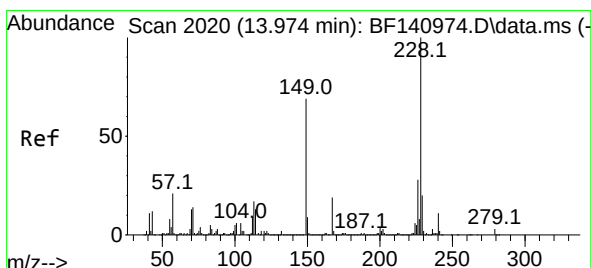
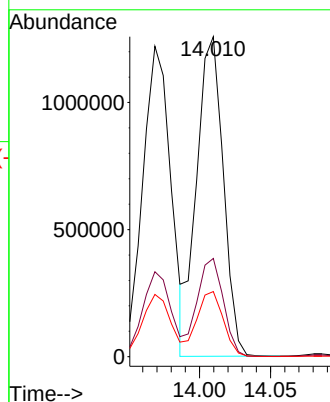
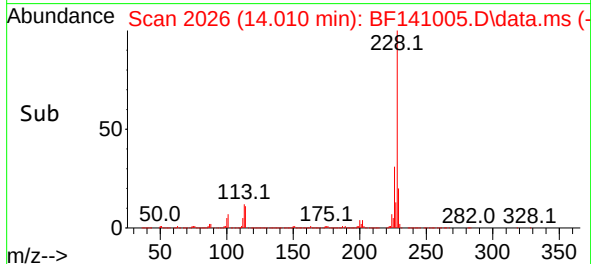
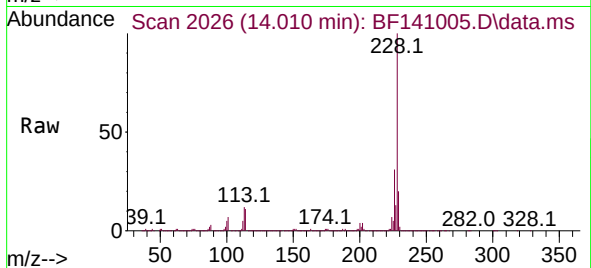
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.292 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

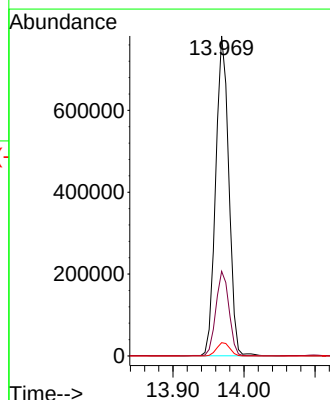
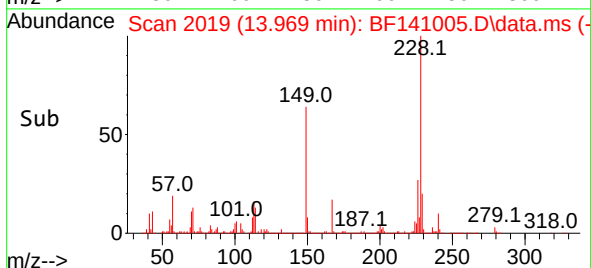
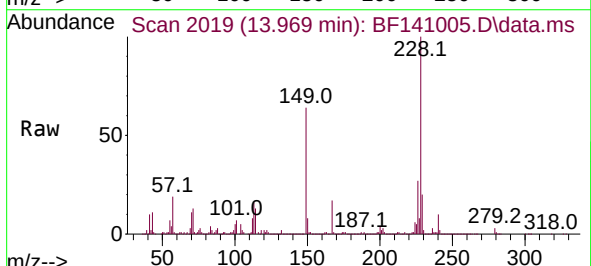
Tgt Ion:149 Resp: 998268

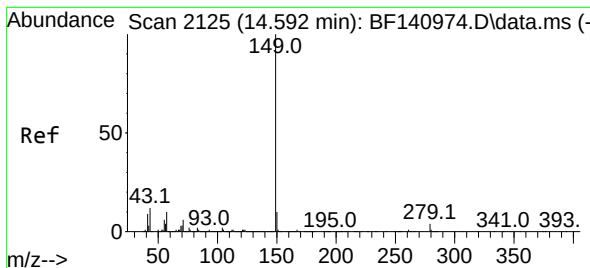
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

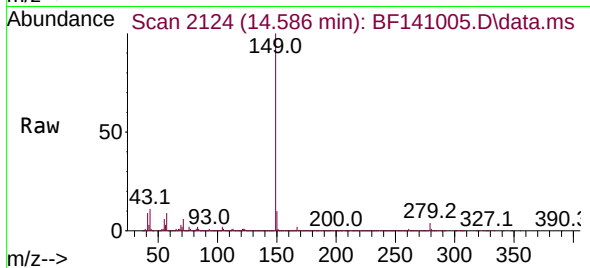
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 53.466 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

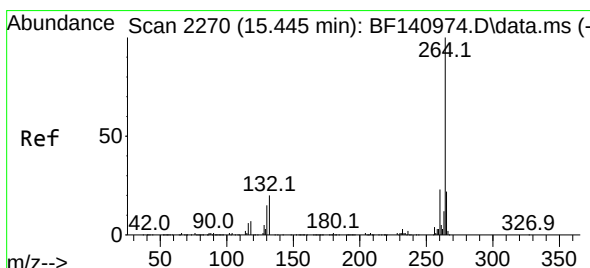
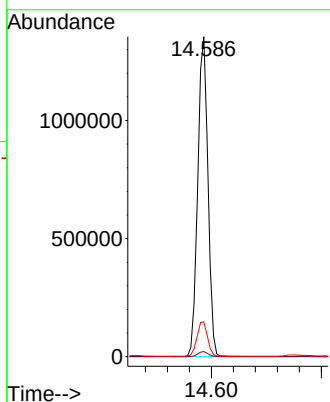
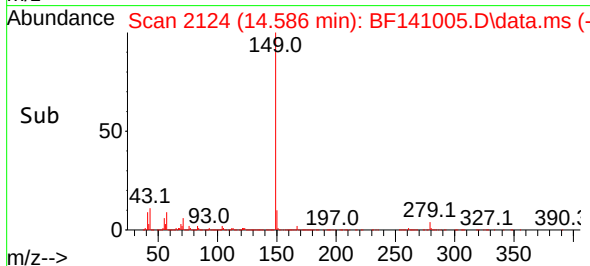
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:149 Resp: 1744110
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.3 13.9

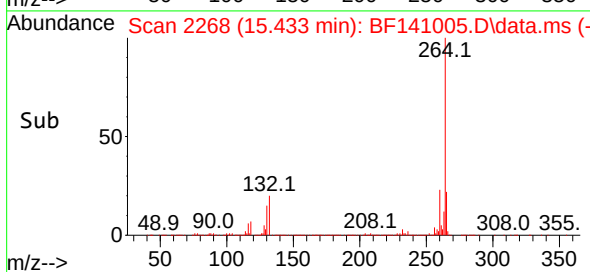
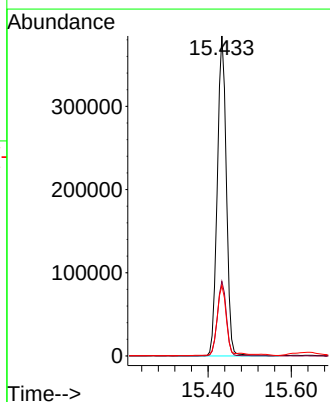
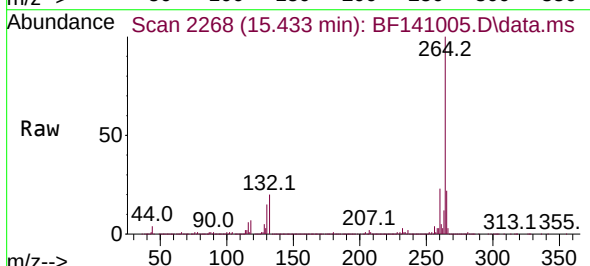
Manual Integrations
APPROVED

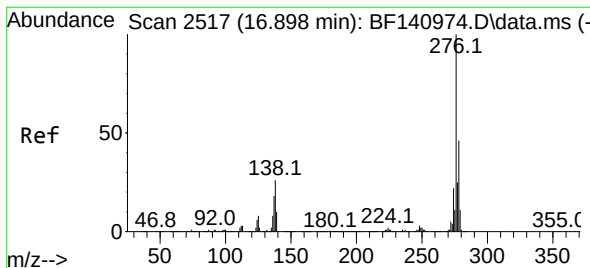
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:264 Resp: 580377
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.817 ng

RT: 16.880 min Scan# 2197

Delta R.T. -0.018 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:276 Resp: 1455910

Ion Ratio Lower Upper

276 100

138 28.2 23.1 34.7

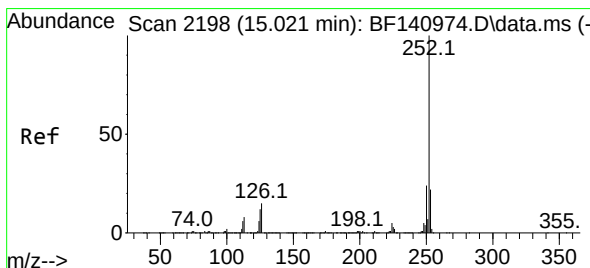
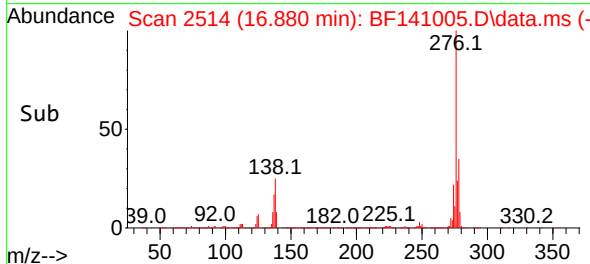
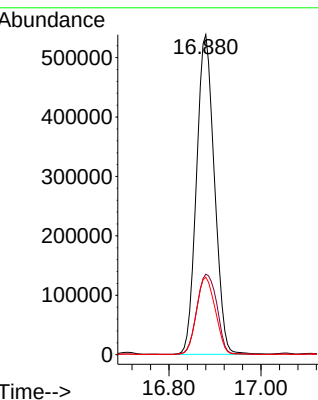
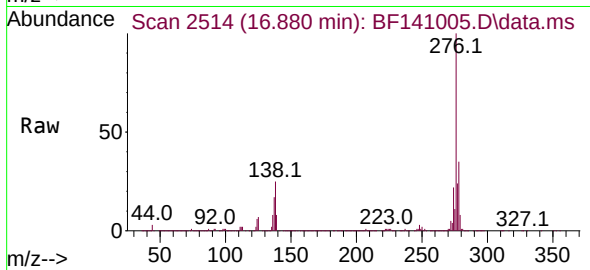
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#88

Benzo(b)fluoranthene

Concen: 45.099 ng

RT: 15.015 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

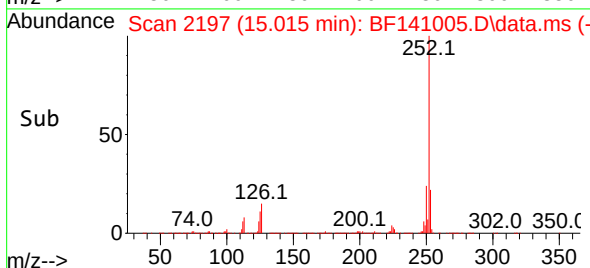
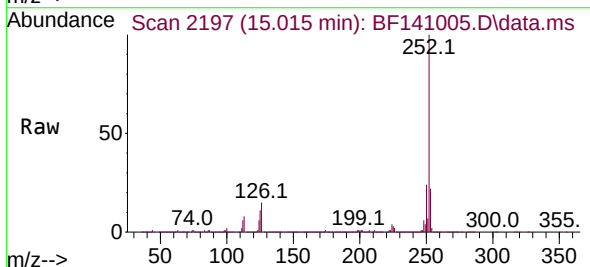
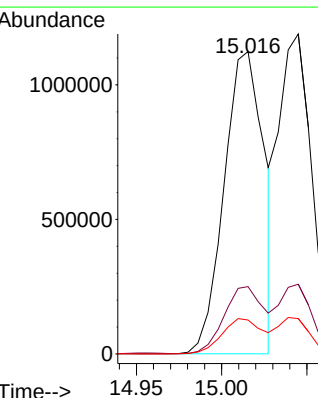
Tgt Ion:252 Resp: 1825516

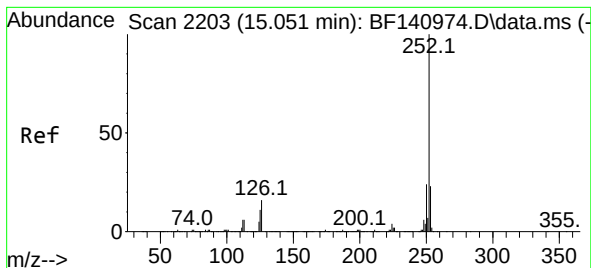
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.2 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 49.610 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:252 Resp: 1573880

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

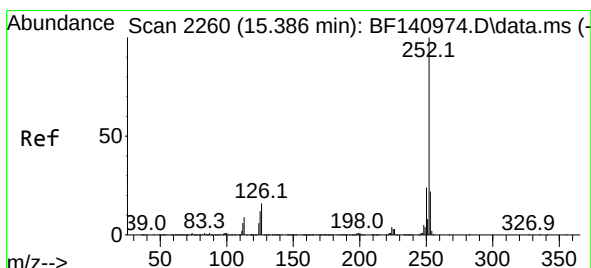
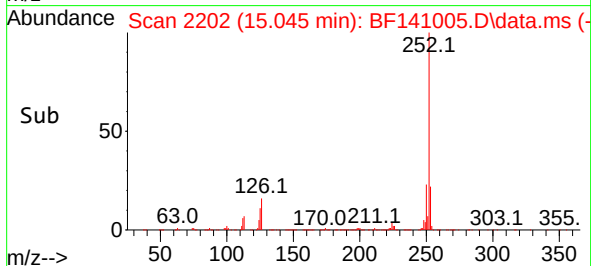
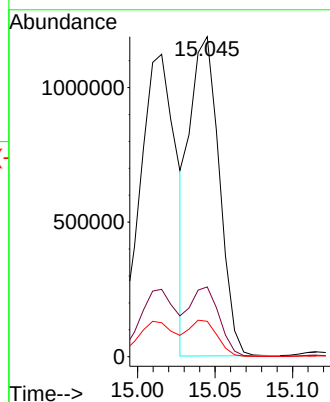
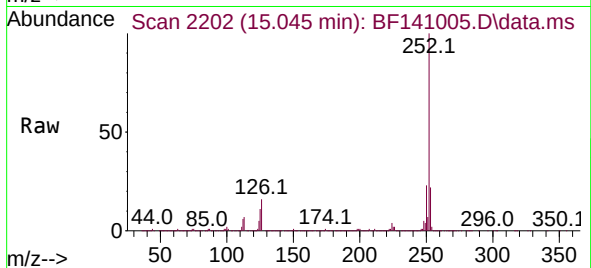
125 11.1 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#90

Benzo(a)pyrene

Concen: 50.666 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

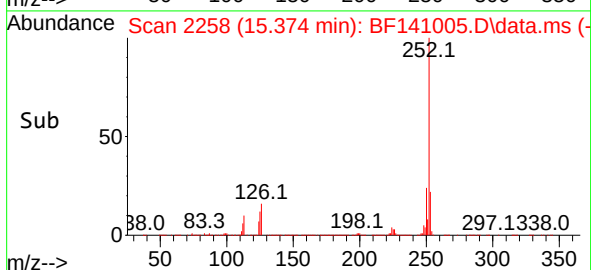
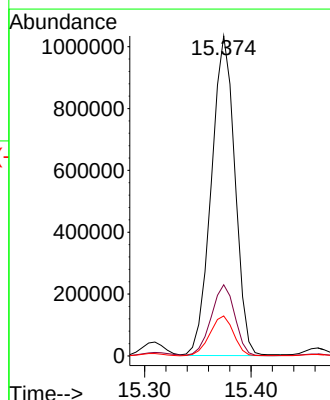
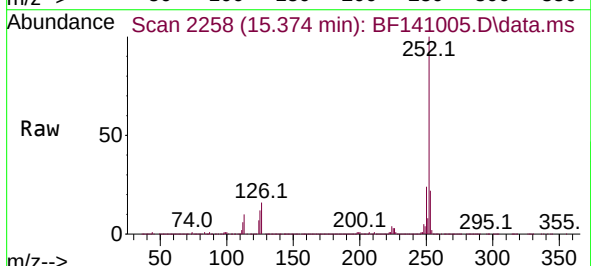
Tgt Ion:252 Resp: 1591826

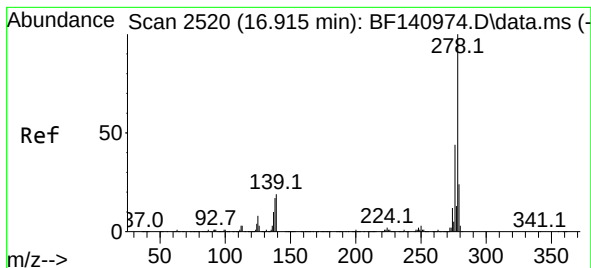
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 12.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 39.456 ng

RT: 16.898 min Scan# 2517

Delta R.T. -0.018 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:278 Resp: 1169470

Ion Ratio Lower Upper

278 100

139 18.7 14.9 22.3

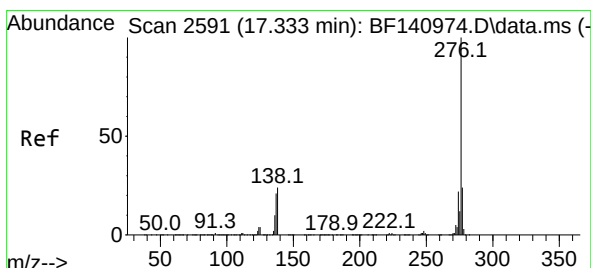
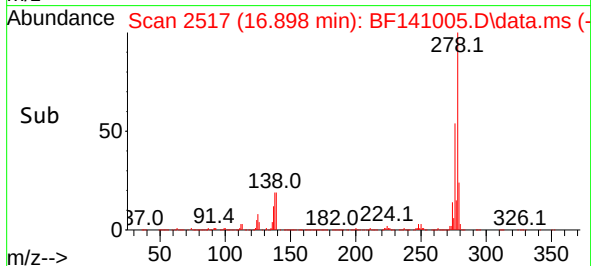
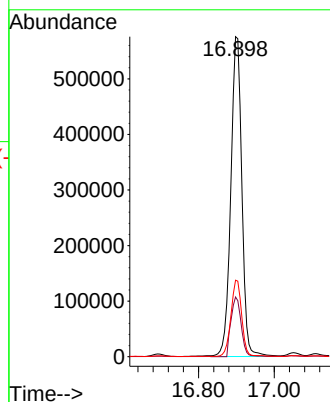
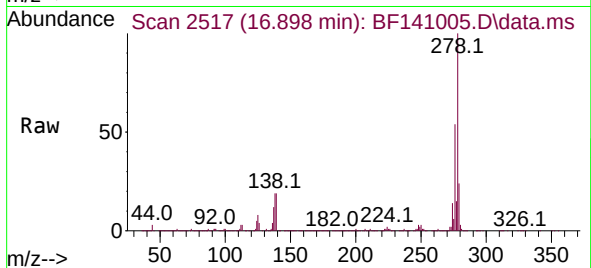
279 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#92

Benzo(g,h,i)perylene

Concen: 33.712 ng

RT: 17.315 min Scan# 2588

Delta R.T. -0.018 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Tgt Ion:276 Resp: 1036393

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 24.2 19.4 29.2

